



THE GOVERNMENT OF THE REPUBLIC OF THE UNION OF MYANMAR  
**MINISTRY OF PLANNING, FINANCE AND INDUSTRY**

2020  
**MYANMAR**  
STATISTICAL  
**YEARBOOK**

CENTRAL STATISTICAL ORGANIZATION

## PREFACE



It is an exciting time to broaden the statistical development reinforcing with the theme of World Statistics Day 2020, “Connecting the world with data we can trust”. Statistics being the science of data involves systematic process with accuracy. “Trust” is the product of honest, systematic and careful assurance. Reliable statistics represent the reality of people’s daily life and happiness.

Statistics play a vital role in assessing the economic and social development of a country as an essential element in improving the ability of the government to develop appropriate policies, managing the country’s economy and monitoring the improvements of the living standards of the people. The power of statistics is recognized in their use which spans the design and implementation stages of country’s development policy. Statistics are also deployed to monitor progress towards the Myanmar Sustainable Development Plan (MSDP) and Sustainable Development Goals (SDGs). The increasing demand for reliable, timely and accurate statistics has brought to the front position the importance of statistics as a strategic resource for development.

Reliable, timely, accurate and trustworthy up-to-date data are necessary to understand the changing the world in which we live. A key component of strengthening trust is to create internal and external evaluation programs by the aid of advisory bodies. New methodologies and technical capacity building are indispensable for improving trust in data, for research and policy making.

I am pleased to welcome the publication of Myanmar Statistical Yearbook, 2020 that has come out with more comprehensive and visualized graphics, enhanced contents and better design. There is an explanation of methodologies used and technical notes are also included. It will be uploaded to the Myanmar Statistical Information Service (MMSIS) ([www.mmsis.gov.mm](http://www.mmsis.gov.mm)) and ([www.csostat.gov.mm](http://www.csostat.gov.mm)) to allow people for easy access and provide usable data for everyone around the world.

I would like to thank to all those, including respective statistical departments and organizations, who have worked diligently with a firm commitment to develop reliable, quality statistics provided in this publication.

A handwritten signature in black ink, appearing to read 'Soe Win'.

(Soe Win)

Union Minister

Ministry of Planning, Finance and Industry

## FOREWORD

The Myanmar Statistical Yearbook, 2020 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 from administrative records from the relevant Ministries, Departments, and Private Agencies. It expresses data from the 2014 Census and many surveys conducted by Central Statistical Organization. It also includes the poverty indicators from the Myanmar Living Conditions Survey, 2017 and the data from Myanmar Micro, Small and Medium Enterprise Survey, 2019. It highlights a clear picture of the demographic and socio-economic situation in Myanmar. Besides, the publication states time series which can be used for observing trends over the years.

Central Statistical Organization is indebted to produce relevant, reliable, quality, timely, and accessible official statistics is related to improving the whole National Statistical System. To make each successive edition better than the previous one, we will continue to invest in human resources and technology.

The current edition has been improved with better graphics, content and widened its dissemination. Moreover, a description of methodology and statistical sources, a glossary, and an analytical index provide tools to improve information discovery and support greater depth of user needs.

In addition to the printed version, the Yearbook is available in soft copy on the CD and uploaded to the web page of the Central Statistical Organization site [www.csostat.gov.mm](http://www.csostat.gov.mm) and [www.mmsis.gov.mm](http://www.mmsis.gov.mm) will be accompanied by tables in excel format.

The department welcomes comments and suggestions for the improvement of this publication and other dissemination products to assist us in developing a user engagement strategy.



San Myint

Director General

Central Statistical Organization

Ministry of Planning, Finance and Industry

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## STANDARD SYMBOLS USED

Fiscal Year	(Apr. 1 – Mar. 31)
Transition Period	(Apr. 1, 2018 – Sep. 30, 2018)
New Fiscal Year	(Oct. 1, 2018 – Sep. 30, 2019)
n.a	Not available
#	Less than one unit
P	Provisional
r	Revised
P.A	Provisional Actual
MMK	Kyat (Myanmar currency unit)
KG	Kilogram
LB	Pound
MT	Metric ton
–	Nil or negligible



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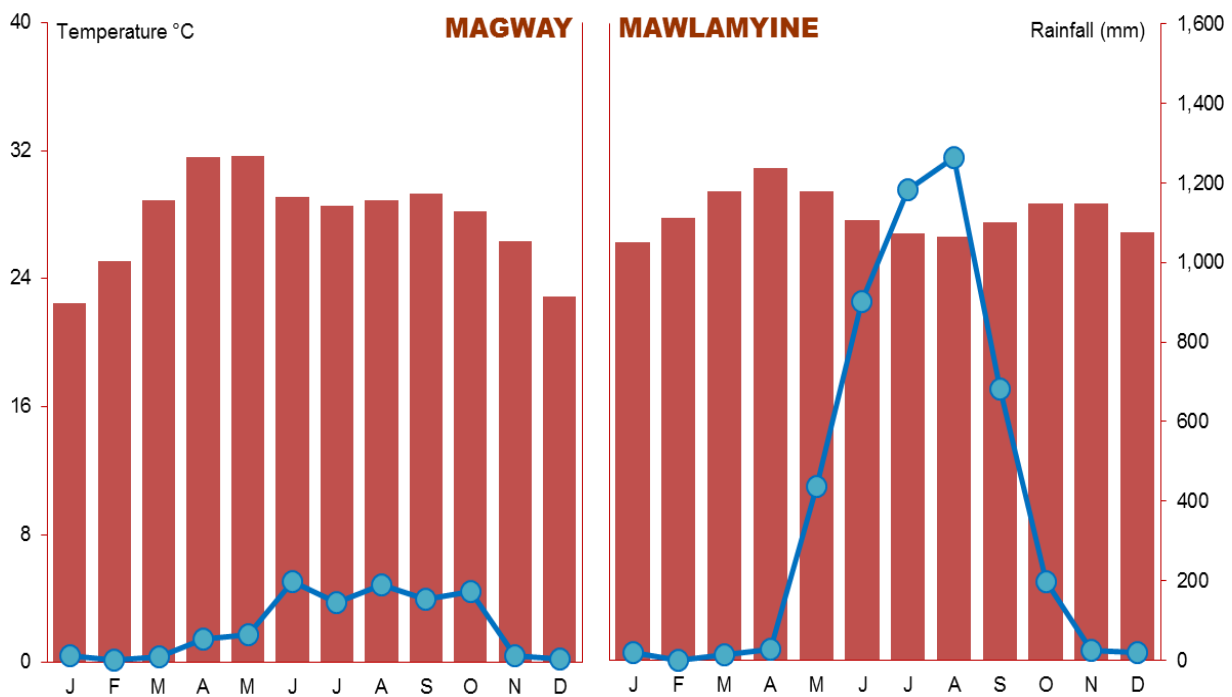
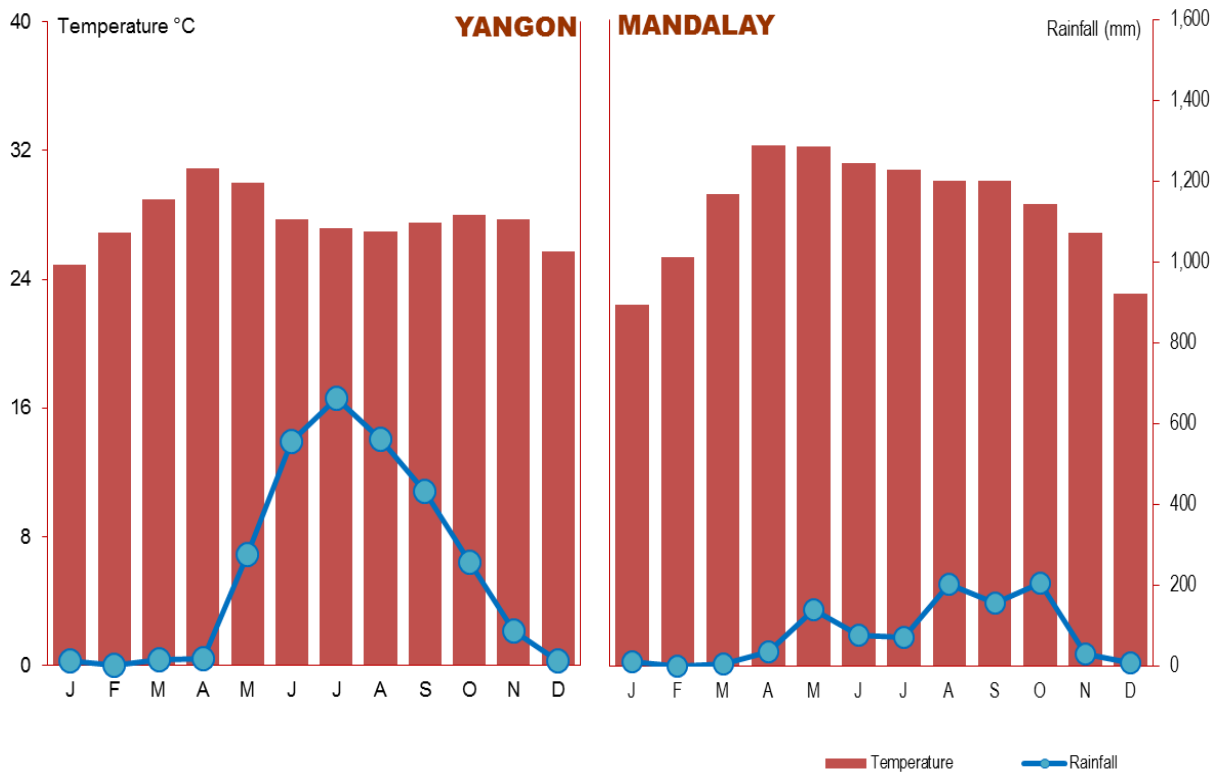


# 1

## Climate, Territory and Population

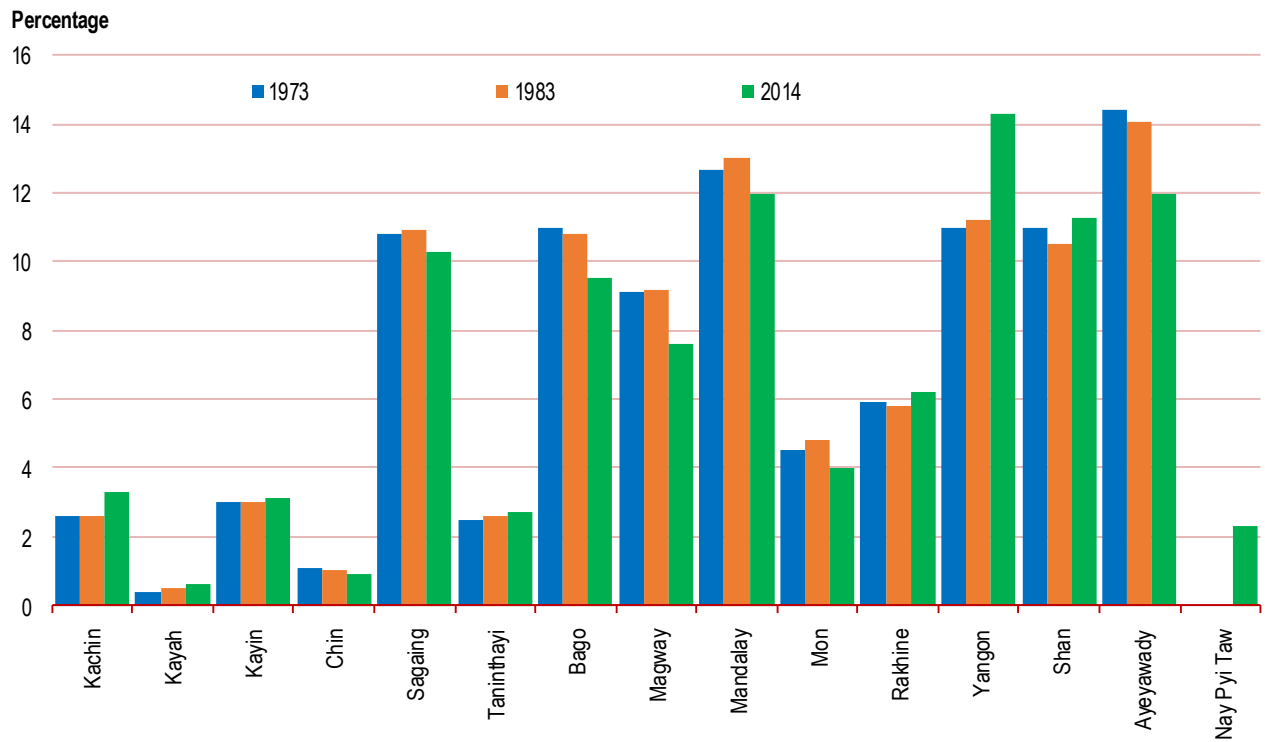
The Union of Myanmar covers a **surface** area of **676,552.7 km<sup>2</sup>**, divided into 7 States, 7 Regions and 1 Union Territory. | **Mawlamyine township** had the highest annual rainfall with **6,271 mm** falling in 2019, while **Magway township** was the hottest with a mean maximum temperature of **35.5°C**. The highest magnitude **6.0** earthquake struck 14 miles northwest of Shwebo, Sagaing Region in 2019. | In 2018-2019, there were **747 fires, 254 floods** and **1,676 storms** recorded as natural or man-made disasters. | Myanmar's population density was **80 persons** per km<sup>2</sup> in 2018-2019. | For every 100 persons in Myanmar, **71.4** lived in **rural** areas and **29.6** in **urban** areas. | **Yangon Region** had the largest population **8.1 million** residents, **Kayah State** was the smallest at **0.3 million**. | The **aging index** increased from **20.1** in 2014 to **22.5** in 2018-2019. | In 2018-2019, the average total **dependency ratio** was **51.2%**. | **48,989 foreigners** had their usual residence in Myanmar.

**FIGURE 1.1 MONTHLY TEMPERATURE AND RAIN FALL, 2010-2019 (AVERAGE)**



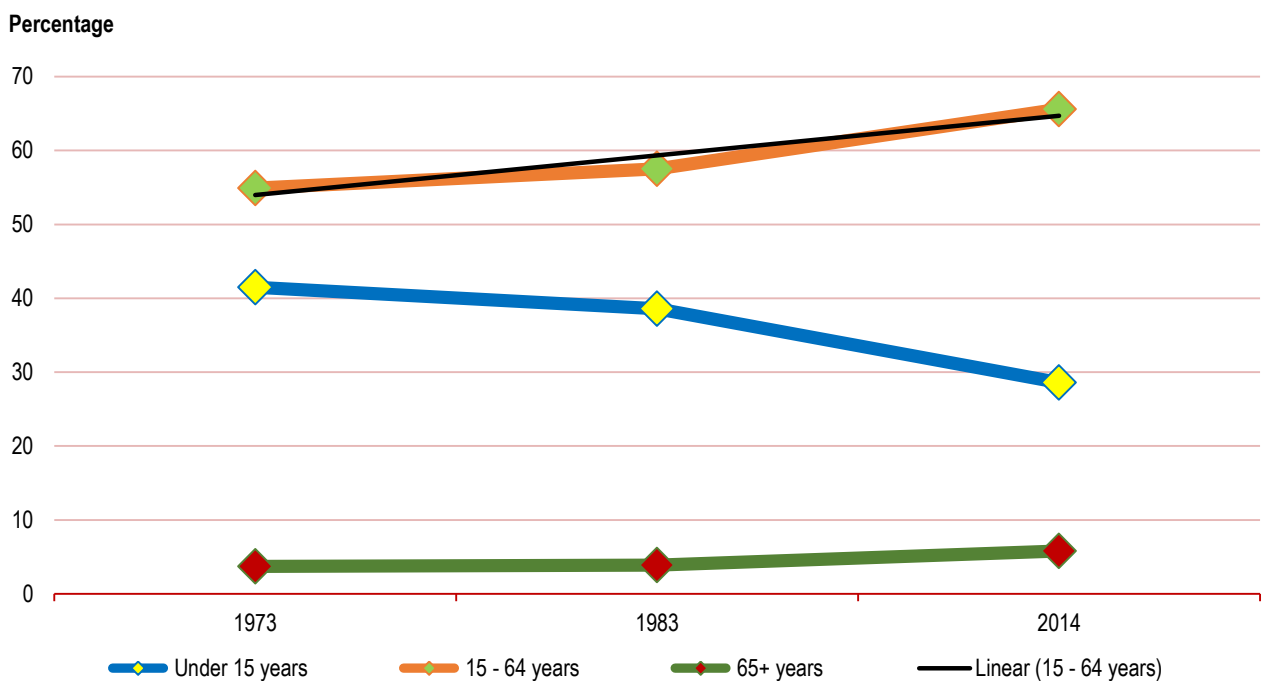
Source : Department of Meteorology and Hydrology

**FIGURE 1.2 POPULATION PROPORTION TO THE UNION**



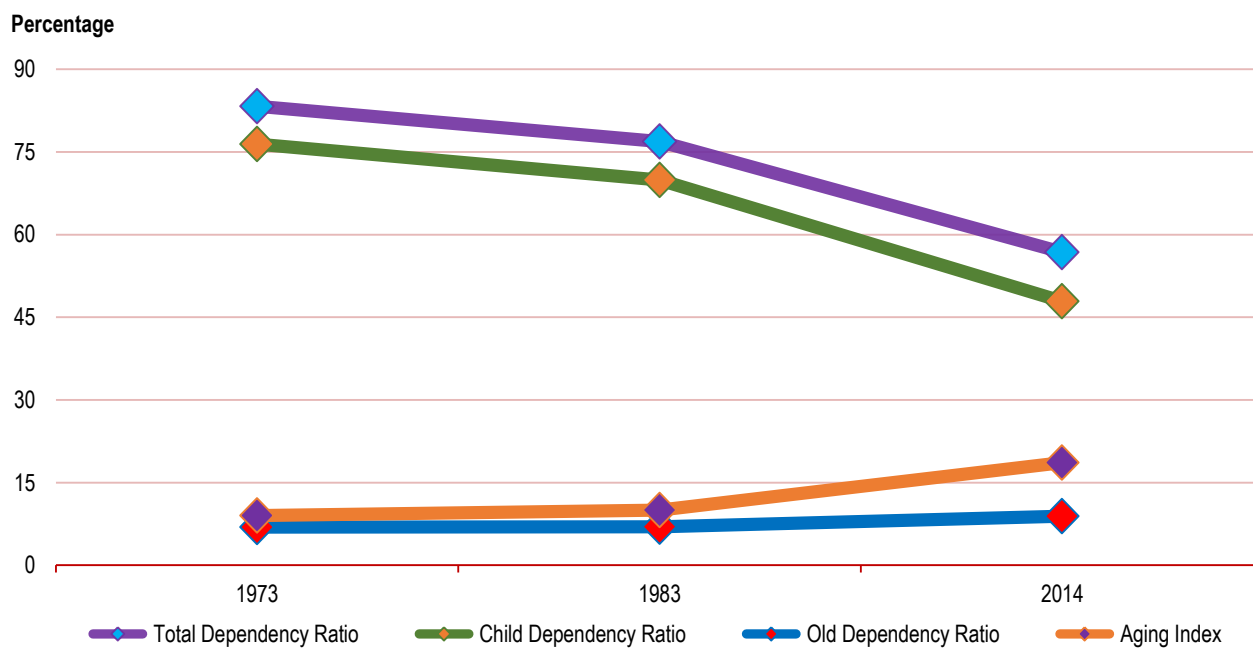
Source: 2014 Myanmar Population and Housing Census

**FIGURE 1.3 POPULATION DISTRIBUTION**



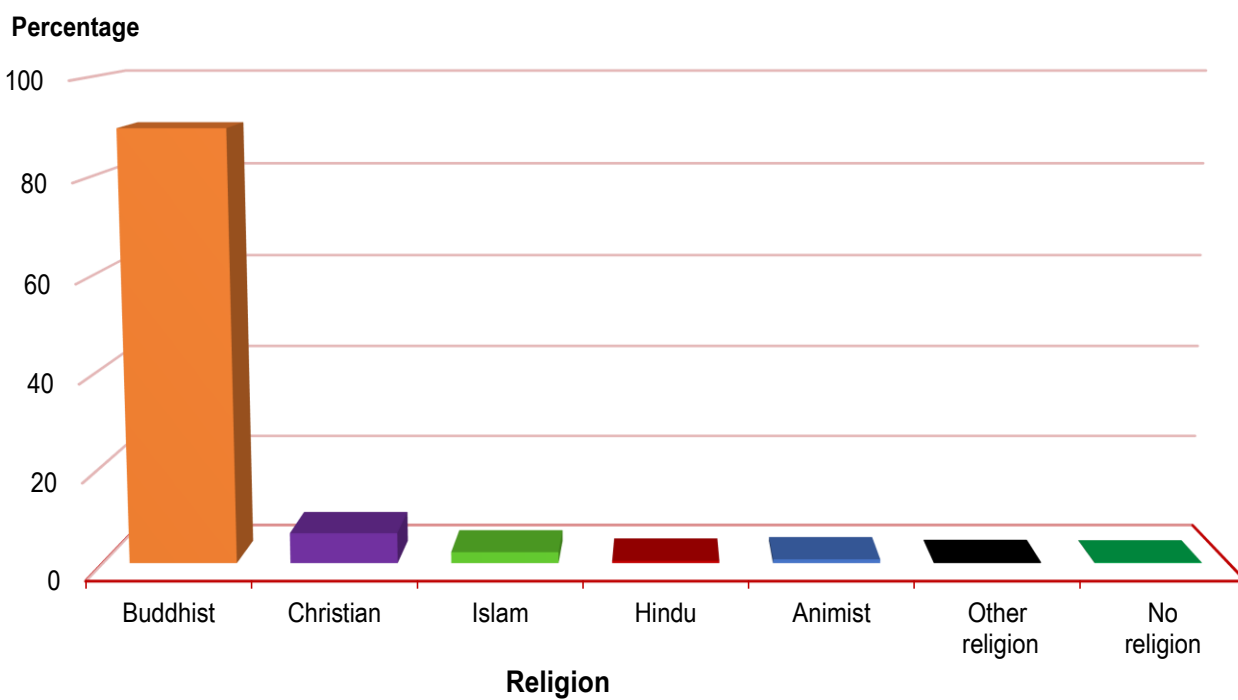
Source : 2014 Myanmar Population and Housing Census

**FIGURE 1.4 DEPENDENCY RATIOS**



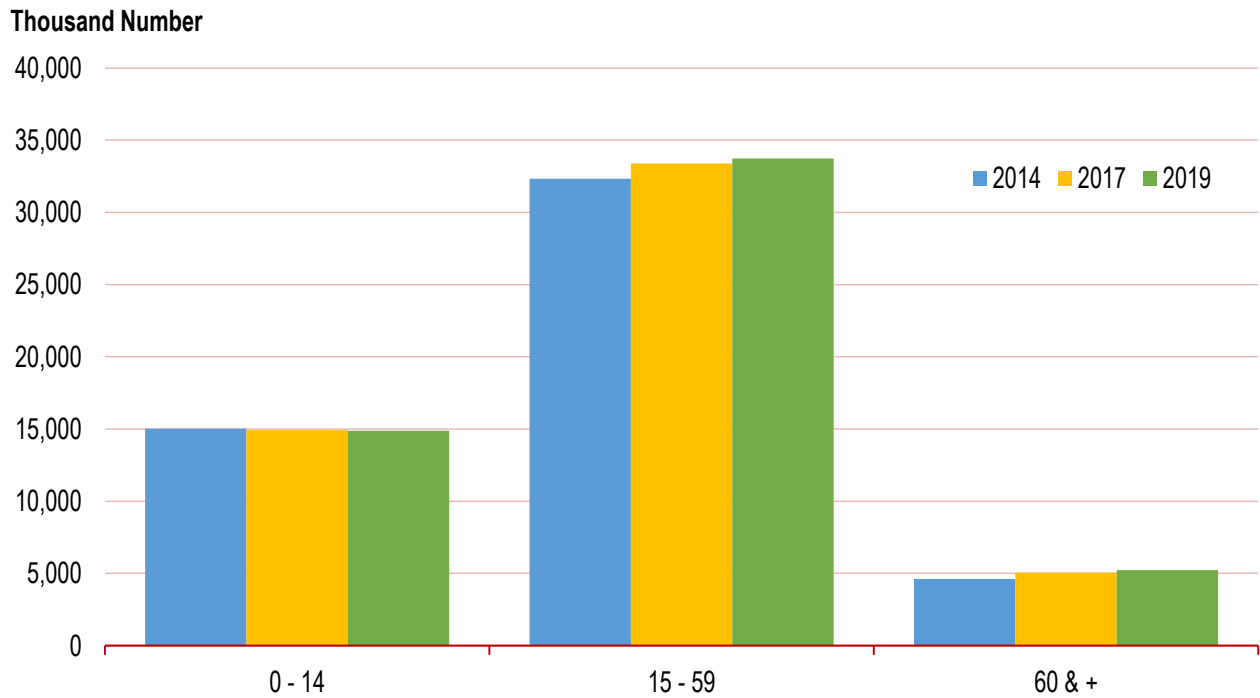
Source : 2014 Myanmar Population and Housing Census

**FIGURE 1.5 POPULATION BY RELIGION**



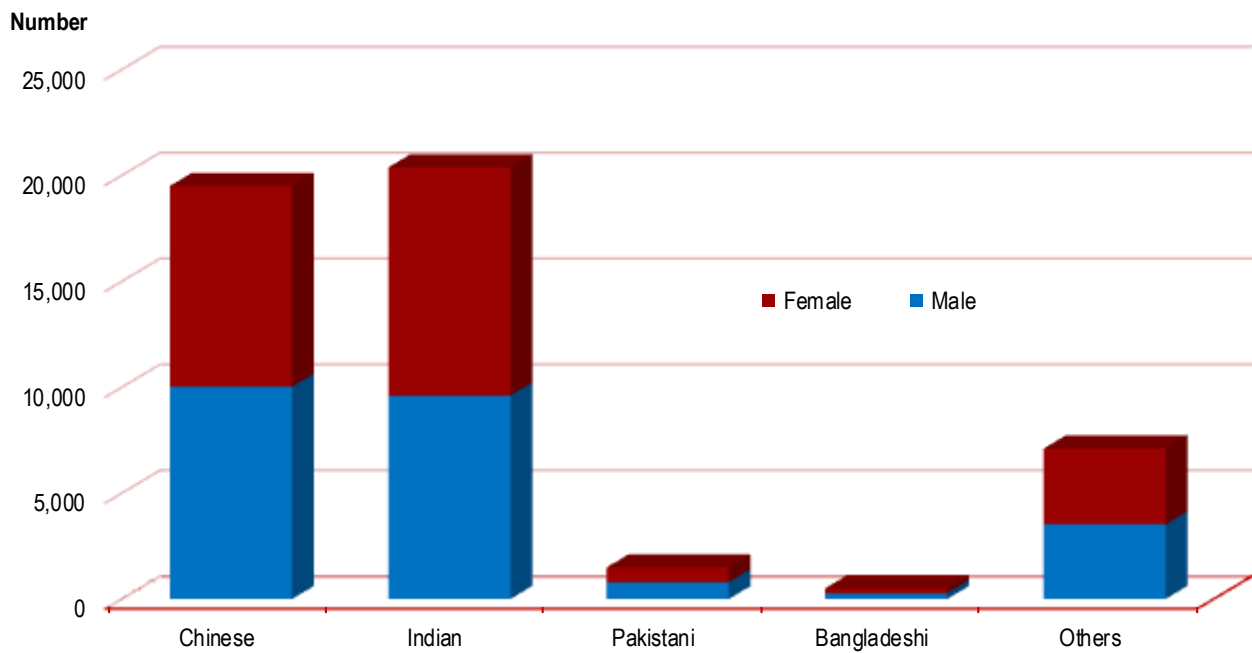
Source : 2014 Myanmar Population and Housing Census

**FIGURE 1.6 ESTIMATED POPULATION**



Source : Department of Population

**FIGURE 1.7 FOREIGNERS RESIDING, 2018**



Source : Department of Immigration

## CLIMATE

### METHODOLOGY SHEET | Rainfall

<b>Responsible Unit (Service or Structure)</b>	Department of Meteorology and Hydrology
<b>Level of Disaggregation</b>	Selected Rainfall Stations are located in main townships of States and Regions.
<b>Study Variables</b>	Daily and annual rainfall in millimetres, mean and maximum temperatures, relative humidity percent
<b>Classification Variables</b>	Daily average, monthly average, annual average
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	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.
<b>Units</b>	Meteorological stations
<b>Tables</b>	1.01,1.03

**TABLE 1.01 ANNUAL RAINFALL, TEMPERATURES AND RELATIVE HUMIDITY**  
Years 2010 -2019 (Average) and Year 2019

Station	2010-2019 Average				2019 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.	
<b>KACHIN STATE</b>								
Myitkyina	2472	30.6	19.1	78	2353	30.8	19.5	78
Mohnyin	1626	30.4	18.2	78	1207	30.0	18.4	79
<b>KAYAH STATE</b>								
Loikaw	1182	29.7	16.7	75	821	30.7	16.7	72
<b>KAYIN STATE</b>								
Hpa-an	4412	33.6	22.2	74	4859	34.1	22.7	76
<b>CHIN STATE</b>								
Falam	1626	23.8	14.6	64	1105	24.6	14.3	70
Hakha	1793	22.0	10.3	70	1473	22.4	9.7	78
<b>SAGAING REGION</b>								
Katha	1579	31.8	17.6	77	832	32.4	18.9	80
Mawlaik	1708	32.1	19.4	76	889	32.5	20.7	76
Monywa	833	34.3	22.0	67	516	34.9	22.0	68
Shwe Bo	890	33.8	21.4	71	447	34.6	21.6	64
Hkamti	3385	29.8	18.3	84	2695	30.1	20.0	83
<b>TANINTHAYI REGION</b>								
Dawei	5371	32.7	22.0	79	5851	33.1	21.6	79
Myeik	4370	32.0	24.1	80	4349	32.8	24.2	78
<b>BAGO REGION</b>								
Bago	3319	33.0	22.4	77	2712	34.0	22.3	76
Pyay	1402	34.0	21.7	70	1167	34.6	23.1	69
<b>MAGWAY REGION</b>								
Magway	1074	34.6	20.9	69	810	35.5	22.4	67
Gangaw	1159	33.0	20.2	76	936	34.5	19.8	72
<b>MANDALAY REGION</b>								
Mandalay	948	34.3	22.6	67	623	35.0	22.9	64
Pyin Oo Lwin	1551	26.9	14.2	77	1120	27.3	14.5	78
Nyaung Oo	715	34.4	22.3	62	571	35.4	22.1	66
<b>MON STATE</b>								
Mawlamyine	4769	33.2	23.0	70	6271	33.6	23.1	75
Yay	5374	33.2	22.7	73	5755	34.0	22.0	80
<b>RAKHINE STATE</b>								
Sittway	4534	31.0	20.5	82	3613	31.5	19.2	85
Thantwe	5044	32.8	20.2	77	5704	33.6	19.3	81
<b>YANGON REGION</b>								
Yangon	2895	33.6	21.8	69	3084	33.8	21.9	77
<b>SHAN STATE</b>								
Lashio	1281	29.6	16.2	73	891	30.2	16.5	71
Taunggyi	1410	25.8	15.3	70	1455	26.1	15.3	67
Keng Tung	1221	30.0	17.3	69	655	31.2	15.4	66
<b>AYEYAWADY REGION</b>								
Patheingyi	3010	33.1	22.1	81	2866	34.2	22.0	78
<b>NAY PYI TAW</b>								
Yezin	1230	34.2	21.5	91	1195	34.5	22.3	71
Tatkone	889	34.2	21.4	70	827	34.9	21.5	67
Pyinmana	1303	33.8	21.8	74	1236	34.0	22.1	73

Source: Department of Meteorology and Hydrology.



METHODOLOGY SHEET | **Temperatures and Humidity**

<b>Responsible Unit (Service or Structure)</b>	Department of Meteorology and Hydrology
<b>Level of Disaggregation</b>	Selected Stations are located in main townships of States and Regions.
<b>Study Variables</b>	Air temperature measured daily
<b>Classification Variables</b>	Daily average, monthly average, annual average
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	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.
<b>Units</b>	Meteorological stations
<b>Table</b>	1.02

**TABLE 1.02 MONTHLY MEAN TEMPERATURE**  
Years 2010-2019 (Average), Degree in Centigrade

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>KACHIN STATE</b>												
Myitkyina	18.5	21.1	24.1	26.3	28.0	27.9	27.2	28.6	27.9	26.5	22.6	19.1
Mohnyin	17.4	19.8	23.2	26.1	27.8	28.0	27.6	27.8	27.6	25.7	22.1	18.4
<b>KAYAH STATE</b>												
Loikaw	18.9	21.1	24.0	26.6	26.6	25.0	22.1	21.9	24.7	23.8	22.0	19.2
<b>KAYIN STATE</b>												
Hpa-an	26.0	27.6	29.4	31.0	29.5	27.1	26.3	26.1	27.3	28.8	28.7	26.6
<b>CHIN STATE</b>												
Falam	14.3	16.9	19.6	21.4	21.8	21.6	20.8	20.9	20.9	19.7	17.7	14.9
Hakha	10.4	13.0	16.0	18.2	19.1	19.5	19.1	19.0	18.7	16.8	13.5	11.1
<b>SAGAING REGION</b>												
Katha	18.9	21.4	24.2	26.4	27.8	27.8	27.5	27.3	27.2	25.7	22.9	19.4
Mawlaik	19.0	21.3	24.9	28.0	29.4	29.3	29.1	28.7	28.6	26.9	23.9	20.0
Monywa	22.1	25.0	28.6	31.4	32.2	31.2	31.1	30.3	29.8	28.1	26.0	22.4
Shwe Bo	21.7	24.1	28.4	30.7	31.3	30.5	30.4	29.5	29.4	27.8	25.3	22.1
Hkamti	17.0	19.8	23.2	25.8	27.6	27.4	26.8	27.7	27.4	25.6	21.5	18.2
<b>TANINTHAYI REGION</b>												
Dawei	26.3	27.3	28.4	29.6	28.6	27.0	26.3	26.1	26.6	27.7	27.7	26.5
Myeik	27.3	28.3	29.2	30.1	29.4	27.8	27.1	26.9	27.0	27.9	28.3	27.5
<b>BAGO REGION</b>												
Bago	24.6	26.6	29.1	31.0	30.1	27.7	27.0	26.9	27.6	28.4	28.0	25.7
Pyyay	24.1	26.5	29.3	31.6	30.8	28.2	27.5	27.6	28.2	28.2	27.2	24.8
<b>MAGWAY REGION</b>												
Magway	22.4	25.1	28.9	31.6	31.6	29.1	28.6	28.9	29.3	28.2	26.4	22.9
Gangaw	19.9	22.8	26.8	30.5	31.2	29.7	29.2	28.4	28.5	26.9	24.3	20.6
<b>MANDALAY REGION</b>												
Mandalay	22.4	25.4	29.3	32.3	32.2	31.1	30.8	30.1	30.1	28.6	26.8	23.0
Pyin Oo Lwin	15.1	17.3	20.6	23.2	23.9	23.6	22.7	22.4	22.6	21.3	18.5	15.4
Nyaung Oo	21.9	24.8	28.8	31.1	33.1	31.3	31.1	30.3	30.0	28.5	26.4	22.7
<b>MON STATE</b>												
Mawlamyine	26.3	27.8	29.5	31.0	29.5	27.7	26.8	26.6	27.5	28.7	28.7	26.9
Yay	26.8	27.6	28.7	30.4	29.4	27.7	26.9	26.7	27.5	28.4	28.2	27.1
<b>RAKHINE STATE</b>												
Sittwe	21.0	22.8	25.4	28.1	28.2	27.5	26.8	26.7	27.0	27.2	25.5	22.8
Thantwe	22.2	23.4	26.1	29.0	29.6	27.5	27.0	26.9	27.7	28.0	26.7	23.9
<b>YANGON REGION</b>												
Yangon	24.9	26.9	28.9	30.9	30.0	27.7	27.2	26.9	27.5	28.0	27.7	25.8
<b>SHAN STATE</b>												
Lashio	16.3	18.5	21.9	24.7	26.1	26.6	25.9	26.1	25.9	24.1	21.1	17.6
Taunggyi	16.5	18.3	21.1	23.2	23.2	22.3	21.2	21.2	21.6	20.8	19.4	17.4
Keng Tung	18.7	20.4	23.0	26.0	27.2	26.7	25.9	25.7	25.4	24.0	21.8	18.9
<b>AYEYAWADY REGION</b>												
Patheingyi	24.9	26.9	28.9	30.9	30.4	27.7	27.0	26.6	27.1	27.8	27.4	25.6
<b>NAY PYI TAW</b>												
Yezin	23.8	26.0	28.8	31.5	31.2	28.9	28.2	28.1	28.7	28.1	26.8	24.2
Tatkon	23.7	25.6	28.6	31.2	31.0	29.3	28.3	28.1	28.8	28.4	26.8	23.8
Pyinmana	23.6	26.1	29.0	31.6	31.0	28.6	27.8	27.7	28.4	28.3	27.3	24.2

Source: Department of Meteorology and Hydrology.

**TABLE 1.03 MONTHLY RAINFALL (MONTH TO MONTH AVERAGE)**  
Years 2010 -2019(Average), in millimeters

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>KACHIN STATE</b>												
Myitkyina	16	13	31	55	177	599	560	474	340	176	23	10
Mohnyin	12	9	19	46	178	355	346	282	215	142	17	7
<b>KAYAH STATE</b>												
Loikaw	21	1	18	45	129	150	172	255	162	172	44	15
<b>KAYIN STATE</b>												
Hpa-an	22	1	17	36	333	846	1,145	1,137	618	227	16	15
<b>CHIN STATE</b>												
Falam	9	7	20	71	179	280	342	289	204	190	23	13
Hakha	9	7	23	68	156	298	359	334	299	205	19	17
<b>SAGAING REGION</b>												
Katha	13	5	13	45	221	328	295	263	220	153	17	8
Mawlaik	5	3	12	55	195	271	316	311	306	210	19	5
Monywa	3	1	6	39	104	94	81	142	156	189	14	3
Shwe Bo	2	2	11	22	86	99	98	208	168	175	14	4
Hkamti	3	6	23	62	178	732	1,002	687	482	193	12	4
<b>TANINTHAYI REGION</b>												
Dawei	20	22	26	63	418	1,010	1,349	1,354	769	256	75	9
Myeik	65	58	65	118	361	810	857	866	705	359	75	30
<b>BAGO REGION</b>												
Bago	13	1	10	20	274	587	871	758	476	242	56	11
Pyay	9	0	1	38	133	305	266	271	197	159	20	5
<b>MAGWAY REGION</b>												
Magway	17	6	15	58	69	203	151	194	159	177	17	8
Gangaw	4	3	10	26	115	181	176	243	176	209	11	6
<b>MANDALAY REGION</b>												
Mandalay	12	2	6	36	139	76	71	203	158	206	32	9
Pyin Oo Lwin	22	0	19	83	230	166	149	258	281	268	58	18
Nyaung Oo	10	0	3	17	85	70	43	121	150	186	23	6
<b>MON STATE</b>												
Mawlamyine	20	0	14	27	437	901	1,182	1,264	683	197	26	19
Yay	23	8	31	49	389	1,081	1,286	1,376	829	211	85	10
<b>RAKHINE STATE</b>												
Sittway	27	3	9	31	340	1,093	1,293	843	548	292	35	19
Thantwe	16	0	0	27	268	1,193	1,475	1,266	555	208	15	19
<b>YANGON REGION</b>												
Yangon	13	0	14	18	276	558	665	564	432	257	87	12
<b>SHAN STATE</b>												
Lashio	20	6	13	46	122	179	286	262	161	137	32	17
Taunggyi	27	1	7	50	138	190	227	303	219	194	39	17
Keng Tung	38	7	27	42	110	154	216	278	155	116	48	30
<b>AYEYAWADY REGION</b>												
Patheingyi	9	0	12	28	218	628	689	709	434	212	56	16
<b>NAY PYI TAW</b>												
Yezin	10	1	8	18	138	188	198	276	158	183	36	16
Tatkone	18	1	3	32	80	120	157	165	108	157	42	7
Pyinmana	11	2	7	38	124	220	232	289	195	147	21	18

Source: Department of Meteorology and Hydrology.

## METHODOLOGY SHEET | EARTHQUAKE

<b>Responsible Unit (Service or Structure)</b>	Department of Meteorology and Hydrology
<b>Level of Disaggregation</b>	Earthquake occurred in related States and Regions.
<b>Study Variables</b>	Earthquake
<b>Classification Variables</b>	Date, Time, Latitude, Longitude, Magnitude, Depth
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Depend on earthquake occur
<b>Units</b>	Magnitude
<b>Table</b>	1.04

**TABLE 1.04 EARTHQUAKE STATISTICS**  
Year 2019, magnitude

States and Regions	Date			Time(UTC)			Location	Latitude (°N)	Longitude (°E)	Magnitude	Depth (km)
	day	month	year	hr	min	sec					
Kachin state	2	1	2019	06	13	09	(11)miles NW of Mohnyin	24.92	96.27	3.9	10
	16	1	2019	21	39	34	(7)miles SW of Hopin	24.91	96.43	5.1	6
	22	1	2019	12	27	44	(11)miles NNW of Hopin	25.15	96.48	3.6	10
	30	1	2019	15	38	10	(4)miles WNW of Hopin	25.01	96.46	3.6	10
	7	2	2019	08	49	37	(45)miles NE of Hpakan	25.94	96.94	4.7	10
	15	2	2019	22	11	22	(1)mile WSW of Mogaung	25.29	96.91	4.0	10
	5	3	2019	15	34	03	(42)mile NE of Myitkyina	25.76	97.93	3.7	10
	14	3	2019	15	17	33	(25)mile SE of Danai	26.08	97.00	4.2	10
	27	3	2019	11	46	23	(16)mile NNEof Hopin	25.23	96.55	4.1	10
	1	4	2019	17	37	06	(9)mile NNEof Hopin	25.13	96.54	3.8	10
	18	5	2019	04	46	57	(30)mile SEof Danai	25.99	96.98	3.8	10
	18	5	2019	07	45	38	(15)mile NWof Hopin	25.18	96.40	3.6	10
	7	6	2019	00	43	40	(11) miles NE of Hopin	25.13	96.62	3.9	10
	10	6	2019	08	26	27	(5) miles NE of Mohnyin	24.86	96.41	4.2	10
	14	7	2019	14	34	45	(7) miles NE of Mohnyin	24.88	96.42	3.1	8
	17	7	2019	19	42	36	(7) miles NNE of Mohnyin	24.88	96.40	3.2	5
	26	7	2019	01	14	13	(14) miles SW of Kamaing	25.34	96.6	4.1	10
	2	8	2019	21	12	49	(8) miles SW of Hopin	24.90	96.42	3.5	10
	3	8	2019	05	22	59	(30) miles SSE of Myitkyina	24.94	97.46	3.4	10
	3	8	2019	12	19	22	(12) miles SSE of Hpakan	25.43	96.36	4.5	10
	5	8	2019	09	43	01	(28) miles SE of Hpakan	25.43	96.72	4.7	10
	12	8	2019	07	37	05	(31) miles NE of Kamaing	25.88	97.04	3.4	10
	13	8	2019	00	40	49	(4) miles NE of Hpakan	25.67	96.36	3.3	12
	26	8	2019	02	49	14	(45) miles NW of Danai	26.69	96.08	5.0	67
	3	9	2019	19	55	46	(5) miles NNE of Mohnyin	24.86	96.39	4.2	5
	4	9	2019	12	55	35	(8) miles SE of Kamaing	25.41	96.75	3.6	10
	11	10	2019	11	06	18	(4) miles SE of Nanmati	25.34	97.07	3.3	10
	11	11	2019	21	51	59	(39) miles NNW of Myitkyina	25.94	97.26	3.9	10
	23	11	2019	04	06	47	(2) miles NE of Hopin	25.01	96.56	3.3	12
	23	11	2019	22	43	46	(5) miles NW of Hopin	25.04	96.45	4.1	10
	24	11	2019	02	16	13	(3) miles NW of Hopin	25.03	96.5	3.9	10
	24	11	2019	05	55	40	(4) miles WNW of Hopin	25.02	96.46	3.3	10
11	12	2019	02	02	19	(6)miles WNW of Hopin	25.01	96.43	3.7	5	
26	12	2019	04	12	43	(8)miles WSW of Chipwi	25.87	98.00	4.1	10	
Kayah state	-	-	-	-	-	-	-	-	-	-	-
Kayin state	7	12	2019	16	38	22	(24) miles SSW of Hpapun	17.72	97.36	3.7	12

**TABLE 1.04 EARTHQUAKE STATISTICS (cont'd)**  
Year 2019, magnitude

States and Regions	Date			Time(UTC)			Location	Latitude (°N)	Longitude (°E)	Magnitude	Depth (km)
	day	month	year	hr	min	sec					
Chin state	13	3	2019	13	44	04	(11)miles SW of Kale	23.07	93.92	5.1	49
	20	3	2019	23	37	41	(20)miles SE of Falam	22.84	93.98	4.1	10
	26	3	2019	13	52	16	(27) miles SW of Kanpetlet	20.85	93.86	3.8	50
	15	4	2019	01	39	45	(5)miles NW of Thantlang	22.72	93.36	5.1	28
	15	4	2019	14	36	54	(16)miles E of Falam	22.88	93.92	3.7	11
	16	4	2019	12	58	04	(25)miles NW of Kale	23.45	93.78	3.5	17
	30	5	2019	16	58	07	(13)miles NW of Kale	23.26	93.87	4.1	35
	4	11	2019	14	48	59	(4)miles S of Thantlang	22.64	93.44	4.1	30
	28	11	2019	16	05	03	(21)miles W of Mawlaik	23.60	94.08	3.5	38
	2	12	2019	01	12	45	(14)miles N of Falam	23.12	93.66	4.6	26
Sagaing region	8	1	2019	18	54	53	(5)miles SE of Mawlaik	23.61	94.48	4.0	73
	16	1	2019	02	17	42	about (12)miles NNE of Kalewa	23.38	94.34	3.7	27
	16	1	2019	07	57	35	about (12)miles SW of Mawlaik	23.49	94.31	3.9	28
	24	1	2019	21	35	03	about (5)miles SSE of Kale	23.12	94.08	4.2	40
	25	1	2019	02	58	44	(22)miles SE of Gangaw	21.99	94.41	3.7	111
	25	1	2019	14	29	03	(17)miles SE of Paungbyin	24.03	94.91	4.4	85
	30	1	2019	23	13	00	(24)miles NNE of Mawlaik	23.98	94.51	4.3	60
	2	2	2019	17	32	35	(33)miles NE of Homalin	25.26	95.22	4.5	94
	6	2	2019	16	21	24	(20)miles NW of Mawlaik	23.90	94.30	4.2	110
	15	3	2019	19	59	40	(19)miles SE of Kale	22.96	94.21	4.3	52
	16	3	2019	19	23	40	(22)miles SW of Paungbyin	24.02	94.59	4.8	84
	16	3	2019	23	27	48	(25)miles SE of Mawlaik	23.80	94.77	3.7	18
	18	3	2019	16	54	30	(48)miles WSW of Monywa	21.93	94.41	5.3	72
	21	3	2019	08	18	26	(20)miles SE of Homalin	24.73	95.17	3.6	88
	23	3	2019	16	42	29	(26)miles NE of Hkamti	26.29	95.95	3.6	10
	7	4	2019	11	26	02	(14)miles NNE of Mawlaik	23.85	94.46	3.8	64
	14	4	2019	20	25	09	(6)miles N of Tamu	24.31	94.32	4.3	55
	15	4	2019	17	18	10	(18 )miles SW of Kalewa	23.03	94.08	4.1	62
	21	4	2019	06	56	24	(9)miles N of Kalewa	23.33	94.32	3.6	57
	25	4	2019	23	37	56	(32)miles NW of Kanbalu	23.47	95.10	4.6	10
	27	4	2019	16	47	55	(6)miles NE of Kawlin	23.85	95.73	4.4	10
	29	4	2019	17	39	44	(33)miles SE of Kalewa	23.07	94.81	5.2	131
	4	5	2019	11	4	01	(14)miles N of Hkamti	26.20	95.70	5.3	91
	16	5	2019	04	01	02	(25)miles SSW of Tamu	23.87	94.17	4.0	27
	17	5	2019	19	17	31	(14)miles NW of Monywa	22.20	94.95	4.2	10
	22	5	2019	12	55	54	(16 )miles NE of Homalin	24.97	95.13	4.2	87
	29	5	2019	01	54	24	(26)miles NE of Mawlaik	23.94	94.66	4.5	81
4	6	2019	13	27	34	(11)miles NW of Homalin	25.03	94.83	5.2	59	
13	6	2019	22	13	56	(24)miles SSE of Mingin	22.54	94.57	3.1	58	
21	6	2019	16	42	27	(29)miles SE of Hkamti	25.66	95.96	4.3	60	
23	6	2019	23	12	44	(30)miles SE of Homalin	24.57	95.26	3.6	95	
27	6	2019	13	25	49	(25)miles E of Kanbalu	23.21	95.90	3.1	26	
30	6	2019	07	17	19	(30)miles ESE of Homalin	24.78	95.38	3.6	124	
3	7	2019	05	57	39	(19)miles NE of Homalin	24.98	95.19	4.0	79	
5	7	2019	22	41	53	(28)miles ESE of Homalin	24.74	95.34	4.2	76	

**TABLE 1.04 EARTHQUAKE STATISTICS (cont'd)**  
Year 2019, magnitude

States and Regions	Date			Time(UTC)			Location	Latitude (°N)	Longitude (°E)	Magnitude	Depth (km)
	day	month	year	hr	min	sec					
Sagaing region	9	7	2019	03	02	15	(14)miles W_NW of Yinmarbin	22.14	94.69	4.3	106
	9	7	2019	04	30	01	(15)miles SE of Mawlaik	23.56	94.63	4.4	102
	13	7	2019	15	08	59	(12)miles NW of Homalin	24.93	94.73	4.9	53
	21	7	2019	00	27	18	(19)miles SE of Homalin	24.76	95.19	3.7	84
	24	7	2019	10	31	13	(20)miles SE of Homalin	24.98	95.20	4.0	96
	29	7	2019	05	01	53	(16)miles SSW of Katha	23.94	96.31	3.6	10
	30	7	2019	00	57	23	(25)miles SW of Homalin	24.66	94.58	4.0	48
	30	7	2019	12	46	42	(23)miles ESE of Homalin	24.79	95.27	3.6	76
	2	8	2019	14	37	38	(13)miles SE of Mawlaik	23.54	94.57	4.7	90
	4	8	2019	18	28	48	(8)miles SSW of Mingin	22.77	94.47	3.8	92
	15	8	2019	23	32	16	(14)miles NW of Paungbyin	24.43	94.68	3.4	50
	15	8	2019	16	33	52	(12)miles SSW of Kale	23.01	94.02	3.5	11
	19	8	2019	09	34	20	(34)miles W of Monywa	22.07	94.60	3.4	39
	20	8	2019	20	49	24	(21)miles SW of Homalin	24.60	94.74	3.6	24
	22	8	2019	09	41	54	(8)miles ESE of Thabeikkyin	22.84	96.10	4.1	12
	31	8	2019	15	09	22	(14)miles NW of Shwebo	22.73	95.56	6.0	10
	1	9	2019	01	11	56	(7)miles N of Ye-U	22.86	95.43	3.8	15
	3	9	2019	19	18	39	(17)miles NE of Homalin	25.09	95.08	4.5	72
	30	9	2019	06	37	39	(6)miles NE of Kalewa	23.25	94.38	3.5	68
	6	10	2019	02	57	40	(22)miles NW of Hkamti	26.22	95.43	4.0	80
	10	10	2019	00	40	47	(33)miles SSE of Kalewa	22.75	94.47	4.1	84
	14	10	2019	06	20	10	(15)miles ESE of Kalewa	23.16	94.53	3.6	76
	17	10	2019	18	45	43	(54) miles NE of Hakha	23.14	94.26	4.4	51
	18	10	2019	16	48	09	(5)miles WSW of Kalewa	23.17	94.22	5.1	58
	29	10	2019	14	58	44	(24) miles S of Kale	22.85	94.08	3.7	5
	9	11	2019	04	54	09	(13)miles NE of Myinmu	22.01	95.77	3.6	7
	26	11	2019	03	53	47	(9)miles SSW of Tamu	24.09	94.29	4.6	52
	2	12	2019	19	44	59	(22)miles ESE of Mawlaik	23.56	94.76	3.8	97
	4	12	2019	10	03	02	(26)miles E of Homalin	24.84	95.33	3.7	81
	5	12	2019	14	19	30	(31)miles SW of Hkamti	25.75	95.27	4.0	52
	15	12	2019	03	53	32	(18)miles ENE of Homalin	24.91	95.21	3.7	98
	24	12	2019	15	16	31	(17)miles SE of Hkamti	25.77	95.81	3.4	78
25	12	2019	07	04	17	(10)miles SW of Tigyaing	23.65	96.04	4.6	4	
Taninthayi region	-	-	-	-	-	-	-	-	-	-	-
Bago region	16	6	2019	00	49	26	(32) miles WSW of Phyu	18.27	95.98	3.3	10
	23	7	2019	23	01	12	(14) miles SW of Phyu	18.32	96.28	3.5	10
	19	8	2019	06	37	37	(22) miles E of Minhla	17.97	96.04	3.5	10
	16	10	2019	00	34	33	(19) miles SW of Phyu	18.36	94.18	3.0	10
	20	12	2019	05	42	09	(5) miles SW of Yaeni	19.44	96.20	3.3	8
Magway region	25	1	2019	14	13	03	(26) miles N of Gangaw	22.55	94.13	3.4	40
	25	3	2019	04	56	42	(5) miles ENE of Gangaw	22.18	94.21	4.5	54
	21	4	2019	07	01	41	(10) miles N of Sidoktaya	20.60	94.23	3.4	22
	30	4	2019	06	50	33	(2) miles SSE of Salin	20.54	94.66	3.5	28
	21	5	2019	06	52	44	(21) miles ENE of TILin	21.78	94.13	3.7	69
	6	9	2019	10	09	49	(8) miles SW of MyitChay	21.17	94.76	4.8	93
	18	9	2019	13	22	49	(17) miles NNW of Gangaw	22.42	94.09	3.8	16
	22	10	2019	01	30	41	(40) miles ESE of Thayet	19.25	95.78	4.8	8
	26	11	2019	09	36	11	(15) miles SW of Thayet	19.18	94.98	4.8	22
	26	11	2019	11	05	57	(17) miles SW of Thayet	19.19	94.95	5.7	42
	7	12	2019	03	25	14	(6)miles NWN of Yenangyaung	20.54	94.84	3.7	50
	19	12	2019	05	47	36	(10)miles NW of Chauk	21.00	94.73	3.4	48
Mandalay region	25	1	2019	16	28	54	(10) miles SE of Myingyan	21.36	95.51	3.2	10
	14	5	2019	07	18	23	(18) miles S of Takaung	23.23	96.02	4.1	5
	22	8	2019	09	41	54	(8) miles ESE of Thabeikkyin	22.84	96.10	4.1	12
	19	11	2019	12	12	58	(5) miles N of Min Kun	22.13	96.01	3.5	12
	21	11	2019	13	15	38	(6) miles SE of Singu	20.88	94.92	3.6	112
	28	11	2019	14	39	13	(23)miles NE of Thabeikkyin	23.19	96.11	5.4	38

**TABLE 1.04 EARTHQUAKE STATISTICS (concl'd)**  
Year 2019, magnitude

States and Regions	Date			Time(UTC)			Location	Latitude (°N)	Longitude (°E)	Magnitude	Depth (km)
	day	month	year	hr	min	sec					
Mon state	-	-	-	-	-	-		-	-	-	-
Rakhine state	27	3	2019	16	39	19	(11) miles NE of Toungup	18.99	94.34	4.5	10
	20	5	2019	01	20	00	(20) miles SE of Ann	19.64	94.31	4.1	105
	5	7	2019	02	12	09	(11) miles SE of Kyaukpyu	19.31	93.67	4.1	35
	17	7	2019	22	58	05	(21) miles NW of Toungup	19.10	94.04	3.5	10
	18	8	2019	03	24	21	(14) miles E of Thandwe	18.46	94.59	5.5	8
	18	8	2019	03	38	14	(18) miles SE of Thandwe	18.31	94.59	4.7	51
	20	12	2019	02	00	23	(17) miles E of Kyaukpyu	19.40	93.81	3.4	11
Yangon region	12	11	2019	15	24	31	(13) miles SW of Taik Kyi	17.17	95.83	4.1	10
Shan state	1	2	2019	13	30	35	(20) miles SSE of Mongpan	20.04	98.46	3.4	10
	25	3	2019	20	04	46	(3) miles WNW of Kunlong	23.43	98.59	4.4	10
	17	4	2019	22	45	07	(13) miles WSW of Mongpan	20.26	98.17	3.7	10
	18	4	2019	11	07	26	(24) miles NW of Mongpan	20.47	98.02	4.7	10
	29	4	2019	03	54	27	(21) miles NNE of Namsang	21.19	97.80	4.1	10
	10	6	2019	14	07	27	(28) miles WNW of MongHsat	20.65	98.84	4.2	10
	16	6	2019	04	56	02	(35) miles E of Namsang	20.85	98.27	3.5	6
	1	8	2019	02	59	53	(23) miles SE of Mawkmai	20.10	98.05	3.5	10
	10	8	2019	21	43	32	(16) miles NW of Mongpan	20.51	98.21	3.5	27
	27	8	2019	07	51	43	(19) miles SW of Mongpan	20.17	98.12	3.9	11
	4	9	2019	20	18	31	(14) miles NNW of Kunlong	23.61	98.58	3.8	10
	13	11	2019	03	06	25	(13) miles NNE of Namsang	21.08	97.73	4.2	10
	21	11	2019	07	01	16	(10) miles NNE of MongHsat	20.66	99.29	3.6	19
	26	11	2019	14	00	42	(23) miles SE of Muse	23.72	98.14	4.2	13
	1	12	2019	18	12	05	(28) miles SE of Mong Hsu	21.65	98.71	4.1	10
Ayeyawady region	17	2	2019	08	22	58	(18) miles WSW of Kyangin	18.27	94.97	4.4	41
	22	2	2019	09	22	52	(32) miles SW of Bogale	15.84	95.23	4.6	85
	15	6	2019	06	23	40	(11) miles NNW of Kyonpyaw	17.47	95.17	3.5	10
	5	7	2019	03	36	59	(16) miles NW of Ingapu	18.01	95.14	3.7	13
	23	7	2019	01	11	39	(13) miles SW of Mawgyun	16.22	95.15	4.3	159
	10	9	2019	20	18	48	(17) miles SW of Mawgyun	16.21	95.07	4.5	56
Nay pyi taw	26	4	2019	23	13	21	(13) miles SW of Taungnyo	19.81	95.87	3.7	8
	3	7	2019	14	46	55	(20) miles SW of Lewe	19.45	95.88	3.6	10
	29	9	2019	17	21	51	(3) miles W of Pyinmana	19.74	96.17	3.5	10
	3	10	2019	15	12	56	(3) miles NE of Chaungmagyi	19.82	95.96	2.7	10
	10	10	2019	13	40	52	(14)miles SW of PobbaThiri	19.80	96.00	3.3	10
	10	10	2019	15	47	06	(15)miles W-NW of Pyinmana	19.80	95.98	3.5	10
	12	12	2019	03	40	19	(1)miles WSW of OattaraThiri	19.82	96.14	3.0	10

Source: Department of Meteorology and Hydrology.



## METHODOLOGY SHEET | Catastrophic Occurrences, Losses and Relief

<b>Responsible Unit (Service or Structure)</b>	Department of Disaster Management and Fire Services Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Type of disasters
<b>Classification Variables</b>	Number of cases and losses
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Catastrophic events
<b>Tables</b>	1.05, 1.06, 1.07, 1.08, 1.09, 1.10

**TABLE 1.05 CATASTROPHIC OCCURRENCES**

Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

Year	Fires		Floods			Storms			Others		
	Cases	Value of Relief Materials (Million Kyats)	Cases	Estimated Loss (Million Kyats)	Value of Relief Materials (Million Kyats)	Cases	Estimated Loss (Million Kyats)	Value of Relief Materials (Million Kyats)	Cases	Estimated Loss (Million Kyats)	Value of Relief Materials (Million Kyats)
2005-2006	82	27.87	9	0.67	6.05	12	44.02	1.08	7	0.10	1.00
2010-2011	126	40.04	24	19.53	26.93	28	1012.95	72.12	11	1.25	15.46
2015-2016	230	445.57	104	9720.96	387.49	191	378.32	124.76	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
2017-2018	548	308.11	223	-	552.18	752	478.42	1940.25	988	62.14	2785.29
2018 (Apr-Sep)	206	104.40	267	27.89	1215.60	1310	369.01	2180.01	720	22.48	952.78
2018-2019	747	354.21	254	21.02	639.04	1676	1386.00	2143.59	1479	941.40	3865.98

Note : 1. Cases include those for which relief measures are undertaken.  
2. Losses cover only for damaged/destroyed houses.

Source : Department of Disaster Management.

**TABLE 1.06 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Events	2015-2016			2016-2017				2017-2018					
		Case	No. of Death (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People
Union	Fire	230	-	2,698	12,143	455	70	2,174	9,566	548	67	61	1,878	8,446
	Flood	104	-	188,045	826,278	243	77	128,108	614,447	223	21	-	64,870	268,783
	Storm	191	-	6,119	22,483	496	54	66,928	211,249	752	34	53	17,038	53,404
	Earthquake	-	-	-	-	6	3	12	72	-	-	-	-	-
	Riverbank Erosion	60	-	2,425	10,757	175	-	3,104	13,383	532	-	-	6,836	29,535
	Landslide	14	150	992	4,763	54	70	201	1,048	69	48	22	130	651
	Thunder Lighting Stroke	44	50	-	-	56	59	-	-	114	115	38	3	10
	Conflict	14	11	1,849	7,679	121	18	7,505	36,607	87	13	17	11,914	63,794
	Others	1	7	-	54	26	167	769	10,697	186	256	170	16,683	90,530
	Total	658	218	202,128	884,157	1,632	518	208,801	897,069	2,511	554	361	119,352	515,153
Kachin State	Fire	10	-	15	99	34	6	96	410	29	1	-	110	438
	Flood	4	-	589	3,064	15	15	694	3,469	7	3	-	368	1,652
	Storm	7	-	84	447	15	2	649	2,985	15	3	1	660	3,094
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	33	-	213	1,300	7	-	-	229	1,221
	Landslide	2	114	11	97	23	61	-	-	21	41	18	-	-
	Thunder Lighting Stroke	4	4	-	-	6	6	-	-	1	1	-	-	-
	Conflict	4	-	278	1,245	14	-	704	3,529	17	-	-	402	2,579
	Others	-	-	-	-	5	7	-	-	19	13	24	-	-
	Total	31	118	977	4,952	145	97	2,356	11,693	116	62	43	1,769	8,984
Kayah State	Fire	8	-	8	39	16	-	17	103	7	-	-	7	24
	Flood	-	-	-	-	-	-	-	-	-	-	-	-	-
	Storm	5	-	85	500	14	1	71	387	13	1	2	57	277
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-	-	-	-	-	-
	Landslide	1	22	100	727	-	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	-	-	-	-	-	-	-	-	3	1	3	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	14	22	193	1,266	30	1	88	490	23	2	5	64	301
Kayah State	Fire	5	-	10	46	12	-	24	102	22	3	-	34	158
	Flood	4	-	2,217	7,747	2	-	348	1,626	3	-	-	455	2,226
	Storm	1	-	11	49	4	-	41	177	3	-	-	7	43
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-	1	-	-	2	8
	Landslide	-	-	-	-	3	4	3	14	3	-	-	8	48
	Thunder Lighting Stroke	3	4	-	-	-	-	-	-	4	4	-	-	-
	Conflict	-	-	-	-	6	-	1,037	5,592	2	-	-	1,007	5,596
	Others	-	-	-	-	2	-	19	66	2	-	-	-	2,000
	Total	13	4	2,238	7,842	29	4	1,472	7,577	40	7	-	1,513	10,079

**TABLE 1.06 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Events	2015-2016				2016-2017				2017-2018				
		Case	No. of Death (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People
Chin State	Fire	2	-	15	53	7	7	20	100	11	4	-	11	60
	Flood	-	-	-	-	2	2	15	82	3	3	-	-	-
	Storm	-	-	-	-	21	-	761	4,813	44	-	-	1,041	3,298
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-	3	-	-	38	151
	Landslide	4	9	873	3,904	12	2	168	926	22	-	-	56	264
	Thunder Lighting Stroke	1	1	-	-	-	-	-	-	-	-	-	-	-
	Conflict	-	-	-	-	-	-	-	-	5	-	-	362	1,713
	Others	-	-	-	-	-	-	-	-	3	1	-	112	584
	Total	7	10	888	3,957	42	11	964	5,921	91	8	-	1,620	6,070
Sagaing Region	Fire	20	-	147	929	33	-	30	106	45	2	-	137	562
	Flood	17	-	27,833	119,780	27	9	12,646	58,162	70	2	-	10,683	48,985
	Storm	10	-	576	2,341	53	13	19,233	12,011	106	5	9	3,218	1,849
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	1	-	18	139	4	-	33	135	58	-	-	155	512
	Landslide	1	1	-	-	2	-	8	38	-	-	-	-	-
	Thunder Lighting Stroke	8	9	-	-	7	8	-	-	7	6	4	1	-
	Conflict	-	-	-	-	-	-	-	-	1	-	-	-	1,523
	Others	1	7	-	54	3	144	-	154	65	4	-	851	1,259
	Total	58	17	28,574	123,243	129	174	31,950	70,606	352	19	13	15,045	54,690
Taninthayi Region	Fire	15	-	633	2,469	21	1	46	220	22	2	4	20	71
	Flood	5	-	189	823	6	3	184	872	4	-	-	179	792
	Storm	7	-	43	228	5	2	6	36	16	5	5	27	132
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-	-	-	-	-	-
	Landslide	4	-	6	35	3	-	7	27	1	-	-	-	-
	Thunder Lighting Stroke	1	2	-	-	1	1	-	-	8	9	6	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	2	2	1	6	4	124	-	-	35
	Total	32	2	871	3,555	38	9	244	1,161	55	140	15	226	1,030
Bago Region	Fire	22	-	129	511	51	2	156	606	64	11	1	109	543
	Flood	8	-	3,587	31,622	23	4	15,578	53,397	37	-	-	8,900	38,110
	Storm	46	-	1,335	4,943	106	4	4,605	16,708	146	5	7	2,402	8,089
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	8	-	702	3,133	16	-	450	1,845	49	-	-	2,214	10,339
	Landslide	-	-	-	-	-	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	20	21	-	-	11	12	-	-	17	16	4	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-	2	3	1	4	11
	Total	104	21	5,753	40,209	207	22	20,789	72,556	315	35	13	13,629	57,092

**TABLE 1.06 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Events	2015-2016				2016-2017				2017-2018				
		No. of Case	No. of Death	No. of Affected Household	No. of Disaster Affected People	No. of Case	No. of Death	No. of Affected Household	No. of Disaster Affected People	No. of Case	No. of Death	No. of Injury	No. of Affected Household	No. of Disaster Affected People
		(Person)	(Person)	(Household)	(People)	(Person)	(Person)	(Household)	(People)	(Person)	(Person)	(Person)	(Household)	(People)
Magway Region	Fire	26	-	536	2,037	38	1	188	742	53	16	9	291	1,457
	Flood	5	-	28,476	127,018	73	12	15,379	176,912	39	6	-	17,295	71,550
	Storm	15	-	836	3,403	64	2	10,896	45,045	72	2	4	3,660	14,852
	Earthquake	-	-	-	-	4	3	5	38	-	-	-	-	-
	Riverbank Erosion	19	-	900	4,402	37	-	895	3,866	121	-	-	1,197	5,173
	Landslide	-	-	-	-	1	-	2	7	2	-	-	5	25
	Thunder Lighting Stroke	-	-	-	-	3	4	-	-	11	11	7	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	1	-	-	5	4	-	-	4	22
	Total	65	-	30,748	136,860	221	22	27,365	226,615	302	35	20	22,452	93,079
Mandalay Region	Fire	36	-	323	1,553	33	6	192	938	37	1	-	171	737
	Flood	11	-	2,500	10,400	16	4	37,158	155,200	22	5	-	6,382	25,991
	Storm	22	-	944	1,657	26	18	14,475	63,128	43	4	4	1,133	4,850
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	16	-	255	1,178	9	-	104	416	4	-	-	26	97
	Landslide	2	4	2	-	1	-	3	13	2	-	-	4	21
	Thunder Lighting Stroke	-	-	-	-	-	-	-	-	10	10	1	-	-
	Conflict	1	-	22	95	1	-	34	105	-	-	-	-	-
	Others	-	-	-	-	1	4	-	-	-	-	-	-	-
	Total	88	4	4,046	14,883	87	32	51,966	219,800	118	20	5	7,716	31,696
Mon State	Fire	10	-	17	86	28	2	50	216	32	-	1	52	231
	Flood	3	-	1,425	6,190	1	-	40	185	3	-	-	1,334	3,900
	Storm	5	-	30	191	7	-	66	254	13	-	1	98	343
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	2	-	9	32	2	-	-	13	46
	Landslide	-	-	-	-	1	-	1	3	3	1	1	36	240
	Thunder Lighting Stroke	-	-	-	-	-	-	-	-	3	3	-	-	-
	Conflict	-	-	-	-	1	-	20	120	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-	3	-	-	20	131
	Total	18	-	1,472	6,467	40	2	186	810	59	4	3	1,553	4,891
Rakhine State	Fire	22	-	114	682	33	10	559	2,418	35	1	15	205	1,016
	Flood	15	-	9,040	49,427	15	19	6,374	26,531	3	-	-	401	1,550
	Storm	7	-	285	919	23	-	471	2,081	53	5	9	1,381	3,528
	Earthquake	-	-	-	-	1	-	1	5	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	2	-	2	14	2	-	-	26	150
	Landslide	-	-	-	-	4	-	6	16	-	-	-	-	-
	Thunder Lighting Stroke	2	2	-	-	4	4	-	-	6	8	1	-	-
	Conflict	2	-	29	229	1	3	412	1,214	2	-	-	28	156
	Others	-	-	-	-	5	7	745	3,452	24	51	12	15,534	85,696
	Total	48	2	9,468	51,257	88	43	8,570	35,731	125	65	37	17,575	92,096

**TABLE 1.06 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Events	2015-2016				2016-2017				2017-2018				
		Case	No. of Death (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People
Yangon Region	Fire	15	-	121	535	26	10	279	1,455	37	2	7	370	1,576
	Flood	6	-	3,761	14,246	5	1	1,957	6,221	2	-	-	103	374
	Storm	3	-	117	555	11	-	123	518	10	-	1	447	2,297
	Earthquake	-	-	-	-	1	-	6	29	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	6	-	97	422	12	-	-	242	983
	Landslide	-	-	-	-	-	-	-	-	1	-	-	1	6
	Thunder Lighting Stroke	1	1	-	-	3	3	-	-	4	5	1	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	3	-	4	113	6	-	-	-	29
	Total	25	1	3,999	15,336	55	14	2,466	8,758	72	7	9	1,163	5,265
Shan State	Fire	7	-	283	1,647	61	20	200	953	84	17	11	164	733
	Flood	6	-	619	2,861	5	2	1,007	4,551	1	1	-	-	-
	Storm	12	-	353	1,377	66	9	9,899	41,740	55	2	4	700	2,073
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-	-	-	-	-	-
	Landslide	-	-	-	-	4	3	3	4	14	6	3	20	47
	Thunder Lighting Stroke	-	-	-	-	8	8	-	-	11	12	-	-	-
	Conflict	7	11	1,520	6,110	98	15	5,298	26,047	60	13	17	10,115	52,227
	Others	-	-	-	-	1	-	-	6,901	46	23	88	42	318
	Total	32	11	2,775	11,995	243	57	16,407	80,196	271	74	123	11,041	55,398
Ayeyawady Region	Fire	29	-	338	1,404	50	5	253	948	57	7	8	159	654
	Flood	20	-	107,809	453,100	44	1	36,230	125,068	24	-	-	18,690	73,308
	Storm	40	-	660	2,786	71	3	4,162	15,093	143	2	5	2,039	7,992
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	16	-	550	1,905	57	-	1,245	5,124	266	-	-	2,660	10,697
	Landslide	-	-	-	-	-	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	2	4	-	-	11	11	-	-	27	27	11	2	10
	Conflict	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	3	3	-	-	6	37	45	-	12
	Total	107	4	109,357	459,195	236	23	41,890	146,233	523	73	69	23,550	92,673
Nay Pyi Taw	Fire	3	-	9	53	12	-	64	249	13	-	5	38	186
	Flood	-	-	-	-	9	5	498	2,171	5	1	-	80	345
	Storm	11	-	760	3,087	10	-	1,470	6,273	20	-	1	168	687
	Earthquake	-	-	-	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	9	-	56	229	7	-	-	34	158
	Landslide	-	-	-	-	-	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	2	2	-	-	2	2	-	-	2	2	-	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-	2	-	-	116	433
	Total	16	2	769	3,140	42	7	2,088	8,922	49	3	6	436	1,809

**TABLE 1.06 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Events	2018 (Apr-Sep)					2018-2019				
		Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People
Union	Fire	206	11	34	565	2,653	747	77	84	2,187	10,275
	Flood	267	90	10	65,149	422,095	254	32	33	48,470	234,082
	Storm	1,310	22	53	32,629	97,212	1,676	19	52	38,110	85,863
	Earthquake	-	-	-	-	-	2	-	3	35	-
	Riverbank Erosion	435	1	2	4,011	16,528	504	6	-	3,734	14,328
	Landslide	54	83	58	160	782	105	53	56	313	1,686
	Thunder Lighting Stroke	90	84	22	4	15	132	131	46	2	5
	Conflict	70	19	33	7,869	36,978	414	66	84	47,202	228,833
	Others	71	37	49	606	3,416	322	171	312	7,551	58,643
	Total	2,503	347	261	110,993	579,679	4,156	555	670	147,604	633,715
Kachin State	Fire	18	-	-	21	117	46	4	1	63	332
	Flood	4	15	7	176	853	16	2	-	5,282	25,761
	Storm	11	-	4	155	810	12	3	-	242	1,151
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	6	-	-	10	50	12	-	-	17	91
	Landslide	8	52	43	5	22	11	18	13	-	-
	Thunder Lighting Stroke	3	4	1	-	-	3	4	-	-	-
	Conflict	25	-	-	3,141	14,965	26	-	-	2,106	12,114
	Others	10	1	12	338	1,989	23	6	24	1,058	6,673
	Total	85	72	67	3,846	18,806	149	37	38	8,768	46,122
Kayah State	Fire	3	1	-	2	6	8	-	-	8	33
	Flood	3	1	-	56	225	4	1	-	379	1,956
	Storm	18	-	-	81	363	27	-	-	298	1,545
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-	-	-
	Landslide	1	2	1	1	3	2	1	3	7	36
	Thunder Lighting Stroke	-	-	-	-	-	-	-	-	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	1	-	-	5	20	3	-	1	26	96
	Total	26	4	1	145	617	44	2	4	718	3,666
Kayin State	Fire	6	-	-	5	17	25	-	2	33	158
	Flood	19	20	-	18,251	90,116	5	-	-	7,290	36,997
	Storm	29	-	-	185	490	27	5	2	188	650
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	4	1	1	11	55	2	-	-	4	19
	Landslide	5	-	-	7	8	3	-	-	3	19
	Thunder Lighting Stroke	2	2	-	-	-	4	6	1	1	-
	Conflict	-	-	-	-	-	1	-	-	871	5,281
	Others	1	-	-	-	73	4	-	-	246	953
	Total	66	23	1	18,459	90,759	71	11	5	8,636	44,077

**TABLE 1.06 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Events	2018 (Apr-Sep)					2018-2019				
		Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People
Chin State	Fire	7	3	4	13	87	21	1	3	81	482
	Flood	1	4	-	-	-	4	1	-	346	1,742
	Storm	10	-	-	44	270	54	-	1	812	3,955
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-	-	-
	Landslide	8	-	-	14	93	17	-	-	29	180
	Thunder Lighting Stroke	1	1	-	-	-	3	2	2	-	-
	Conflict	7	-	-	437	1,684	9	-	-	808	3,749
	Others	1	-	-	132	705	9	2	3	110	661
	Total	35	8	4	640	2,839	117	6	9	2,186	10,769
Sagaing Region	Fire	23	1	-	57	239	87	11	11	185	919
	Flood	11	4	3	93	396	31	2	-	5,482	25,279
	Storm	112	4	3	4,057	-	168	2	14	5,257	3,573
	Earthquake	-	-	-	-	-	2	-	3	35	-
	Riverbank Erosion	51	-	1	86	476	77	-	-	270	1,479
	Landslide	6	4	4	17	104	4	6	1	3	13
	Thunder Lighting Stroke	11	7	4	2	-	16	13	7	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	9	8	3	120	-	26	5	8	1,118	8,477
	Total	223	28	18	4,432	1,215	411	39	44	12,350	39,740
Taninthayi Region	Fire	8	-	-	17	67	36	1	-	64	246
	Flood	17	5	-	4,512	22,504	20	2	-	2,340	12,165
	Storm	26	-	-	59	300	81	3	3	220	1,071
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	2	-	-	4	24
	Landslide	11	7	3	97	483	32	3	1	106	636
	Thunder Lighting Stroke	3	3	-	-	-	10	11	7	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	2	2	-	-	8	36	1	-	-	1,954
	Total	67	17	3	4,685	23,362	217	21	11	2,734	16,096
Bago Region	Fire	13	1	3	18	72	49	1	8	76	299
	Flood	41	11	-	17,401	207,992	53	4	1	14,330	66,330
	Storm	259	9	21	7,340	16,671	274	1	10	14,057	9,220
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	51	-	-	294	1,047	68	1	-	431	248
	Landslide	-	-	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	16	16	4	1	9	25	23	8	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	2	-	-	3	16	5	-	1	406	17
	Total	382	37	28	25,057	225,807	474	30	28	29,300	76,114

**TABLE 1.06 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Events	2018 (Apr-Sep)				2018-2019					
		No. of Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People	No. of Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People
Magway Region	Fire	17	-	1	24	80	66	6	12	176	695
	Flood	55	9	-	6,217	23,723	28	4	1	1,167	3,761
	Storm	174	2	12	5,736	22,522	227	3	7	6,107	24,294
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	117	-	-	1,244	5,386	109	5	-	1,119	4,646
	Landslide	1	8	1	-	-	1	-	-	1	3
	Thunder Lighting Stroke	5	5	-	-	-	9	7	3	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	1	-	-	1	8	2	1	-	1	4
	Total	370	24	14	13,222	51,719	442	26	23	8,571	33,403
Mandalay Region	Fire	25	1	-	64	288	81	4	1	293	1,298
	Flood	1	-	-	9	33	26	2	1	5,954	25,313
	Storm	75	1	2	1,221	1,472	124	-	4	2,081	3,387
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	47	-	-	138	11	38	-	-	126	518
	Landslide	2	5	4	7	14	2	2	1	2	9
	Thunder Lighting Stroke	10	8	6	1	6	5	4	2	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	8	20	6	3	13
	Total	160	15	12	1,440	1,824	284	32	15	8,459	30,538
Mon State	Fire	9	-	-	55	275	23	3	2	32	162
	Flood	28	10	-	13,792	56,031	34	3	15	3,358	22,422
	Storm	31	1	1	317	1,577	74	1	5	1,640	8,167
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	2	-	-	15	55	5	-	-	21	94
	Landslide	2	-	-	1	4	15	22	37	53	297
	Thunder Lighting Stroke	2	2	-	-	-	6	5	1	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	3	8	-	-	47
	Total	74	13	1	14,180	57,942	160	42	60	5,104	31,189
Rakhine State	Fire	22	-	-	142	775	47	9	7	303	1,732
	Flood	24	5	-	2,052	9,321	14	5	2	1,645	8,461
	Storm	50	1	2	622	2,579	24	-	-	396	1,964
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	9	-	-	22	107	6	-	-	47	98
	Landslide	4	1	1	7	32	13	-	-	81	347
	Thunder Lighting Stroke	2	2	-	-	-	7	9	2	-	-
	Conflict	19	-	-	266	3,422	302	38	63	29,778	148,503
	Others	15	5	-	-	490	109	50	102	125	1,766
	Total	145	14	3	3,111	16,726	522	111	176	32,375	162,871



**TABLE 1.06 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (concl'd)**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Events	2018 (Apr-Sep)					2018-2019				
		Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People	Case	No. of Death (Person)	No. of Injury (Person)	No. of Affected Household	Disaster Affected People
Yangon Region	Fire	9	1	24	39	168	55	19	11	340	1,499
	Flood	6	-	-	557	2,337	2	-	4	198	835
	Storm	36	-	-	1,075	4,952	45	-	-	744	3,227
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	9	-	-	119	451	10	-	-	124	527
	Landslide	1	1	1	-	-	-	-	-	-	-
	Thunder Lighting Stroke	5	5	3	-	-	5	5	-	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	8	10	17	-	36	5	6	-	10	152
	Total	74	17	45	1,790	7,944	122	30	15	1,416	6,240
Shan State	Fire	20	2	2	30	183	107	16	17	141	660
	Flood	16	2	-	612	2,831	7	4	1	374	1,623
	Storm	82	2	1	582	1,319	125	1	5	898	2,357
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-	-	-
	Landslide	5	3	-	4	19	4	1	-	24	129
	Thunder Lighting Stroke	5	5	-	-	-	10	10	8	1	5
	Conflict	19	19	33	4,025	16,907	76	28	21	13,639	59,186
	Others	13	5	17	7	45	79	60	151	4,230	21,968
	Total	160	38	53	5,260	21,304	408	120	203	19,307	85,928
Ayeyawady Region	Fire	23	-	-	75	268	73	1	7	329	1,515
	Flood	37	3	-	1,277	5,050	2	-	7	236	1,050
	Storm	335	2	6	10,407	40,653	378	-	-	3,643	14,963
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	129	-	-	2,042	8,769	164	-	-	1,552	6,494
	Landslide	-	-	-	-	-	1	-	-	4	17
	Thunder Lighting Stroke	25	24	4	-	-	27	31	3	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	8	6	-	-	26	8	12	3	218	761
	Total	557	35	10	13,801	54,766	653	44	20	5,982	24,800
Nay Pyi Taw	Fire	3	1	-	3	11	23	1	2	63	245
	Flood	4	1	-	144	683	8	2	1	89	387
	Storm	62	-	1	748	3,234	36	-	1	1,527	6,339
	Earthquake	-	-	-	-	-	-	-	-	-	-
	Riverbank Erosion	10	-	-	30	121	11	-	-	19	90
	Landslide	-	-	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	-	-	-	-	-	2	1	2	-	-
	Conflict	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	2	-	13	-	15,101
	Total	79	2	1	925	4,049	82	4	19	1,698	22,162

Source: Department of Disaster Management.

**TABLE 1.07 CAUSES OF FIRE**  
Years 2005, 2010, 2015 - 2019, absolute values

Year	Occurrences	Causes of Fire							
		Kitchen	Negligence	Electrical Fire	Forest	Spontaneous	Arson	Insurgency	Others
2005	835	194	462	103	31	3	38	1	3
2010	920	232	467	107	64	16	33	-	1
2015	1,708	362	541	376	170	40	208	3	8
2016	1,847	351	599	414	239	44	187	4	9
2017	1,832	316	626	494	120	29	209	29	9
2018	1,739	330	594	455	61	29	267	2	1
2019	2,155	388	734	599	113	42	261	7	11

Source : Fire Services Department.

**TABLE 1.08 LOSSES OF FIRE**  
Years 2005, 2010, 2015 - 2019, absolute values

Year	Loss of Life and Property							Estimated Loss in Million Kyats
	Casualties			Animals	Buildings			
	Fatalities	Injuries	Victims		Residence	Office/Factory	Warehouse (Godown)	
2005	20	58	18,191	620	4,868	22	40	2,000.54
2010	136	111	13,453	2,240	5,185	4	8	24,184.04
2015	62	142	9,370	3,023	2,867	25	31	2,303.51
2016	67	163	12,134	39,702	5,817	18	58	41,640.65
2017	104	125	4,258	4,444	3,070	9	34	47,680.96
2018	61	192	6,103	11,889	2,213	26	41	5,327.86
2019	79	226	6,359	14,683	2,987	24	52	3,079.45

Source : Fire Services Department.

**TABLE 1.09 CAUSES OF FIRE BY STATES AND REGIONS**  
Year 2019, absolute values

States and Regions	Occurrences	Kitchen	Negligence	Electrical Fire	Forest	Spontaneous	Arson	Insurgency	Others
<b>Union</b>	<b>2,155</b>	<b>388</b>	<b>734</b>	<b>599</b>	<b>113</b>	<b>42</b>	<b>261</b>	<b>7</b>	<b>11</b>
Kachin State	108	31	37	30	1	3	6	-	-
Kayah State	14	3	5	3	1	-	2	-	-
Kayin State	46	8	17	14	-	2	3	-	2
Chin State	29	16	8	4	-	-	1	-	-
Sagaing Region	203	45	50	56	13	4	34	-	1
Taninthayi Region	79	19	27	17	4	-	12	-	-
Bago Region	177	26	69	42	7	5	28	-	-
Magway Region	244	36	117	27	28	5	29	-	2
Mandalay Region	276	29	79	117	9	7	34	-	1
Mon State	69	13	25	17	1	-	12	-	1
Rakhine State	110	34	35	7	3	-	30	1	-
Yangon Region	295	31	122	125	1	5	10	-	1
Shan State	226	37	58	78	18	2	26	6	1
Ayeyawady Region	182	52	61	36	1	7	25	-	-
Nay Pyi Taw	97	8	24	26	26	2	9	-	2

Source : Fire Services Department.

**TABLE 1.10 LOSSES OF FIRE BY STATES AND REGIONS**  
Year 2019, absolute values

States and Regions	Casualties			Animals	Buildings			Estimated Loss in Million Kyats
	Fatalities	Injuries	Victims		Residence	Office/ Factory	Warehouse (Godown)	
<b>Union</b>	<b>79</b>	<b>226</b>	<b>6,359</b>	<b>14,683</b>	<b>2,987</b>	<b>24</b>	<b>52</b>	<b>3,079.45</b>
Kachin State	7	8	47	-	240	1	2	156.10
Kayah State	-	-	12	-	8	-	-	2.74
Kayin State	-	4	48	-	33	1	1	107.50
Chin State	1	3	447	-	95	-	-	44.59
Sagaing Region	8	23	360	10,357	249	-	5	229.17
Taninthayi Region	-	-	75	-	58	2	2	96.18
Bago Region	3	24	60	86	154	1	6	120.20
Magway Region	11	19	553	17	238	-	6	260.70
Mandalay Region	3	32	834	201	311	2	12	432.77
Mon State	3	6	190	7	87	9	-	239.99
Rakhine State	5	11	902	-	245	-	1	94.98
Yangon Region	14	69	1,665	7	670	6	4	513.39
Shan State	15	15	38	-	179	1	1	196.20
Ayeyawady Region	7	10	1,082	8	362	1	11	504.55
Nay Pyi Taw	2	2	46	4,000	58	-	1	80.39

Source : Fire Services Department.

## TERRITORY

### METHODOLOGY SHEET | Administrative Units

<b>Responsible Unit (Service or Structure)</b>	General Administrative Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Area (Sq.mile, Sq.km), Number of district, township, town, ward, village tract and village
<b>Classification Variables</b>	Area, district, township, town, ward, village tract and village
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Administrative units
<b>Tables</b>	1.11

**TABLE 1.11 LAND AND ADMINISTRATIVE UNITS**

As of (31.12.2019), absolute values

States and Regions	Area		District	Township	Town	Ward	Village Tract	Village
	sq.mile	sq.km						
<b>Union</b>	<b>261227.848</b>	<b>676552.697380</b>	<b>75</b>	<b>330</b>	<b>469</b>	<b>3,470</b>	<b>13,590</b>	<b>63,213</b>
Kachin State	34379.222	89038.575160	4	18	33	177	594	2,539
Kayah State	4529.564	11731.095160	2	7	10	44	74	517
Kayin State	11730.849	30381.667170	4	7	18	86	376	2,097
Chin State	13906.967	36017.584300	4	9	20	72	463	1,342
Sagaing Region	36534.714	94621.073120	11	37	50	271	1,755	5,991
Taninthayi Region	16735.557	43343.335400	3	10	18	90	267	1,238
Bago Region	15214.129	39402.996630	4	28	52	328	1,417	6,499
Magway Region	17305.320	44818.961740	5	25	32	199	1,538	4,788
Mandalay Region	11565.846	29954.326440	7	28	30	282	1,414	4,797
Mon State	4747.758	12296.194710	2	10	17	106	367	1,143
Rakhine State	14200.083	36776.723960	5	17	28	195	1,036	3,701
Yangon Region	3927.144	10170.890610	4	45	21	743	621	2,143
Shan State	60155.227	155795.721600	12	55	87	517	1,561	13,762
Ayeyawady Region	13566.593	35136.051380	6	26	45	302	1,920	11,860
Nay Pyi Taw	2728.875	7067.500000	2	8	8	58	187	796

Source : General Administrative Department.

## POPULATION

### METHODOLOGY SHEET | 2014 Myanmar Population and Housing Census

<b>Responsible Unit (Service or Structure)</b>	Department of Population, Ministry of Labour, Immigration and Population
<b>Level of Disaggregation</b>	Union, States and Regions, Sex, Age Group
<b>Study Variables</b>	Total population by sex by States and Regions and by age group, Population density by States and Regions, Country of Residence, Religion
<b>Classification Variables</b>	States and Regions, male and female, urban and rural, age group and religion
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	2014
<b>Frequency of Data Collection</b>	Census was conducted from 29 <sup>th</sup> March to 10 <sup>th</sup> April 2014
<b>Units</b>	Population of Myanmar
<b>Tables</b>	1.12, 1.13, 1.14, 1.15, 1.16

**TABLE 1.12 POPULATION SIZE AND PROPORTION TO THE UNION**  
Years 1973, 1983, 2014, thousand values and percentage compositions

States and Regions	Population			Proportion of the Total Population		
	1973**	1983**	2014	1973	1983	2014
<b>UNION*</b>	<b>28,921</b>	<b>35,308</b>	<b>51,486</b>	<b>100</b>	<b>100</b>	<b>100</b>
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
Taninthayi 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 POPULATION DENSITY**  
Years 1973, 1983, 2014, people per sq.km

States and Regions	1973	1983	2014
<b>Union</b>	<b>43</b>	<b>52</b>	<b>76</b>
Kachin State	8	10	19
Kayah State	11	14	24
Kayin State	28	35	52
Chin State	9	10	13
Sagaing Region	33	41	57
Taninthayi Region	17	21	32
Bago Region	81	96	124
Magway Region	59	72	87
Mandalay Region	99	124	200
Mon State	107	137	167
Rakhine State	47	56	87
Yangon Region	310	387	716
Shan State	20	24	37
Ayeyawady Region	118	142	177
Nay Pyi Taw	-	-	164

Source : 2014 Myanmar Population and Housing Census.

**TABLE 1.14 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
<b>Total</b>	<b>2,021,910</b>	<b>100.0</b>	<b>1,418,472</b>	<b>303,996</b>	<b>79,659</b>	<b>92,263</b>	<b>7,597</b>	<b>14,592</b>	<b>17,975</b>	<b>37,577</b>	<b>49,779</b>
<b>Total %</b>	<b>100.0</b>	<b>-</b>	<b>70.2</b>	<b>15.0</b>	<b>3.9</b>	<b>4.6</b>	<b>0.4</b>	<b>0.7</b>	<b>0.9</b>	<b>1.9</b>	<b>2.5</b>
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 1.15 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	
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	
Kachin State	Number	1,642,841	1,050,610	555,037	26,789	5,738	3,972	474	221	46,600
	%		64.0	33.8	1.6	0.4	0.2	0.0	0.0	
Kayah State	Number	286,627	142,896	131,237	3,197	269	5,518	3,451	59	
	%		49.9	45.8	1.1	0.1	1.9	1.2	0.0	
Kayin State	Number	1,504,326	1,271,766	142,875	68,459	9,585	1,340	10,194	107	69,753
	%		84.5	9.5	4.6	0.6	0.1	0.7	0.0	
Chin State	Number	478,801	62,079	408,730	690	106	1,830	5,292	74	
	%		13.0	85.4	0.1	0.0	0.4	1.1	0.0	
Sagaing Region	Number	5,325,347	4,909,960	349,377	58,987	2,793	89	2,928	1,213	
	%		92.2	6.5	1.1	0.1	0.0	0.1	0.0	
Taninthayi Region	Number	1,408,401	1,231,719	100,758	72,074	2,386	576	567	321	
	%		87.5	7.2	5.1	0.2	0.0	0.0	0.0	
Bago Region	Number	4,867,373	4,550,698	142,528	56,753	100,166	4,296	12,687	245	
	%		93.5	2.9	1.2	2.0	0.1	0.3	0.0	
Magway Region	Number	3,917,055	3,870,316	27,015	12,311	2,318	3,353	1,467	275	
	%		98.8	0.7	0.3	0.1	0.1	0.0	0.0	
Mandalay Region	Number	6,165,723	5,898,160	65,061	187,785	11,689	188	2,301	539	
	%		95.7	1.1	3.1	0.2	0.0	0.0	0.0	
Mon State	Number	2,054,393	1,901,667	10,791	119,086	21,076	109	1,523	141	
	%		92.6	0.5	5.8	1.0	0.0	0.1	0.0	
Rakhine State	Number	2,098,807	2,019,370	36,791	28,731	9,791	2,711	759	654	1,090,000
	%		96.2	1.8	1.4	0.5	0.1	0.0	0.0	
Yangon Region	Number	7,360,703	6,697,673	232,249	345,612	75,474	512	7,260	1,923	
	%		91.0	3.2	4.7	1.0	-	0.1	-	
Shan State	Number	5,824,432	4,755,834	569,389	58,918	5,416	383,072	27,036	24,767	
	%		81.7	9.8	1.0	0.0	6.6	0.5	0.4	
Ayeyawady Region	Number	6,184,829	5,699,665	388,348	84,073	5,440	459	6,600	244	
	%		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	
	%		96.8	1.1	2.1	0.0	0.0	0.0	0.0	

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

Source: 2014 Myanmar Population and Housing Census.

**TABLE 1.16 PERCENTAGE OF THE POPULATION BY RELIGION**  
Year 1973, 1983, 2014, 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
<b>Union</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

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

<b>Responsible Unit (Service or Structure)</b>	Department of Population
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Total Population, Age Group and Sex, Sex Ratio, Density, Distribution, Proportion, Dependency Ratio, Aging Index
<b>Classification Variables</b>	States and Regions, male and female, urban and rural, age group, proportion
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Population of Myanmar
<b>Tables</b>	1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.24, 1.25, 1.26, 1.27, 1.28

**TABLE 1.17 POPULATION ESTIMATES**  
Years 1983 - 2014, absolute million values and percentage compositions

Year	Male	Female	Total	Sex Ratio	Growth Rate
1983	18.11	18.18	36.29	99.6	
1984	18.42	18.53	36.95	99.4	1.81
1985	18.74	18.87	37.61	99.3	1.79
1986	19.05	19.22	38.27	99.1	1.76
1987	19.37	19.57	38.93	99.0	1.73
1988	19.68	19.91	39.59	98.8	1.69
1989	19.98	20.25	40.23	98.6	1.61
1990	20.26	20.58	40.84	98.5	1.53
1991	20.54	20.90	41.44	98.3	1.46
1992	20.80	21.21	42.01	98.0	1.38
1993	21.04	21.51	42.56	97.8	1.30
1994	21.29	21.81	43.11	97.6	1.29
1995	21.54	22.12	43.66	97.4	1.28
1996	21.79	22.42	44.21	97.2	1.26
1997	22.04	22.72	44.76	97.0	1.25
1998	22.30	23.02	45.31	96.9	1.24
1999	22.53	23.30	45.83	96.7	1.14
2000	22.74	23.57	46.32	96.5	1.06
2001	22.94	23.83	46.77	96.2	0.97
2002	23.11	24.07	47.18	96.0	0.88
2003	23.25	24.29	47.55	95.7	0.79
2004	23.39	24.51	47.90	95.4	0.74
2005	23.52	24.72	48.23	95.1	0.70
2006	23.63	24.91	48.54	94.9	0.65
2007	23.74	25.10	48.84	94.6	0.60
2008	23.83	25.28	49.11	94.3	0.57
2009	23.95	25.47	49.42	94.0	0.62
2010	24.09	25.67	49.76	93.8	0.69
2011	24.25	25.89	50.14	93.6	0.76
2012	24.43	26.12	50.56	93.5	0.83
2013	24.64	26.37	51.02	93.4	0.91
2014*	24.86	26.63	51.50	93.4	0.94
2014**	24.82	26.66	51.49	93.1	-

Note : \* Estimated

\*\* 2014 Census.

Backward population estimates based on 2014 Census.

Source : Department of Population.

**TABLE 1.18 POPULATION ESTIMATES BY SEX**  
Years 1983 - 2014, absolute million values

Year	Union			Kachin			Kayah			Kayin		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1983	18.11	18.18	36.29	0.46	0.47	0.93	0.09	0.08	0.17	0.54	0.54	1.09
1984	18.42	18.53	36.95	0.48	0.48	0.96	0.09	0.09	0.18	0.55	0.56	1.11
1985	18.74	18.87	37.61	0.49	0.49	0.98	0.09	0.09	0.18	0.56	0.57	1.13
1986	19.05	19.22	38.27	0.51	0.50	1.01	0.10	0.09	0.19	0.57	0.58	1.15
1987	19.37	19.57	38.93	0.52	0.51	1.03	0.10	0.09	0.19	0.58	0.59	1.17
1988	19.68	19.91	39.59	0.53	0.53	1.06	0.10	0.09	0.19	0.59	0.60	1.19
1989	19.98	20.25	40.23	0.55	0.54	1.09	0.10	0.10	0.20	0.60	0.61	1.22
1990	20.26	20.58	40.84	0.56	0.55	1.11	0.10	0.10	0.20	0.62	0.62	1.24
1991	20.54	20.90	41.44	0.58	0.56	1.14	0.11	0.10	0.21	0.62	0.63	1.26
1992	20.80	21.21	42.01	0.59	0.58	1.17	0.11	0.10	0.21	0.63	0.64	1.28
1993	21.04	21.51	42.56	0.60	0.59	1.19	0.11	0.11	0.22	0.64	0.65	1.29
1994	21.29	21.81	43.11	0.62	0.60	1.22	0.11	0.11	0.22	0.65	0.66	1.31
1995	21.54	22.12	43.66	0.63	0.61	1.25	0.11	0.11	0.22	0.66	0.67	1.33
1996	21.79	22.42	44.21	0.65	0.62	1.27	0.12	0.11	0.23	0.67	0.68	1.35
1997	22.04	22.72	44.76	0.66	0.64	1.30	0.12	0.11	0.23	0.68	0.69	1.37
1998	22.30	23.02	45.31	0.68	0.65	1.33	0.12	0.12	0.24	0.69	0.70	1.39
1999	22.53	23.30	45.83	0.69	0.66	1.35	0.12	0.12	0.24	0.70	0.71	1.41
2000	22.74	23.57	46.32	0.71	0.67	1.38	0.12	0.12	0.24	0.71	0.72	1.42
2001	22.94	23.83	46.77	0.72	0.69	1.41	0.13	0.12	0.25	0.71	0.73	1.44
2002	23.11	24.07	47.18	0.73	0.70	1.43	0.13	0.12	0.25	0.72	0.73	1.45
2003	23.25	24.29	47.55	0.75	0.71	1.45	0.13	0.13	0.25	0.73	0.74	1.47
2004	23.39	24.51	47.90	0.76	0.72	1.48	0.13	0.13	0.26	0.73	0.75	1.48
2005	23.52	24.72	48.23	0.77	0.73	1.50	0.13	0.13	0.26	0.74	0.75	1.49
2006	23.63	24.91	48.54	0.78	0.74	1.52	0.13	0.13	0.26	0.74	0.76	1.50
2007	23.74	25.10	48.84	0.79	0.75	1.54	0.13	0.13	0.27	0.75	0.76	1.51
2008	23.83	25.28	49.11	0.80	0.75	1.56	0.14	0.13	0.27	0.75	0.77	1.52
2009	23.95	25.47	49.42	0.82	0.77	1.58	0.14	0.14	0.27	0.75	0.77	1.53
2010	24.09	25.67	49.76	0.83	0.77	1.60	0.14	0.14	0.27	0.76	0.78	1.54
2011	24.25	25.89	50.14	0.84	0.78	1.62	0.14	0.14	0.28	0.76	0.78	1.54
2012	24.43	26.12	50.56	0.85	0.79	1.64	0.14	0.14	0.28	0.77	0.79	1.55
2013	24.64	26.37	51.02	0.87	0.80	1.67	0.14	0.14	0.28	0.77	0.79	1.56
2014 *	24.82	26.66	51.49	0.88	0.81	1.69	0.14	0.14	0.29	0.78	0.80	1.57

**TABLE 1.18 POPULATION ESTIMATES BY SEX (cont'd)**  
Years 1983 - 2014, absolute million values

Year	Chin			Sagaing			Tanintharyi		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1983	0.19	0.19	0.38	1.95	2.02	3.97	0.48	0.47	0.94
1984	0.19	0.20	0.39	1.98	2.06	4.04	0.49	0.48	0.96
1985	0.19	0.20	0.39	2.01	2.09	4.11	0.50	0.49	0.98
1986	0.19	0.20	0.40	2.05	2.13	4.18	0.51	0.50	1.00
1987	0.20	0.21	0.40	2.08	2.17	4.25	0.52	0.51	1.02
1988	0.20	0.21	0.41	2.11	2.20	4.31	0.53	0.52	1.04
1989	0.20	0.21	0.41	2.14	2.24	4.38	0.54	0.53	1.06
1990	0.20	0.21	0.42	2.17	2.27	4.44	0.55	0.54	1.08
1991	0.21	0.22	0.42	2.20	2.31	4.50	0.55	0.55	1.10
1992	0.21	0.22	0.43	2.22	2.34	4.56	0.56	0.55	1.12
1993	0.21	0.22	0.43	2.24	2.37	4.62	0.57	0.56	1.14
1994	0.21	0.22	0.44	2.27	2.40	4.67	0.58	0.57	1.15
1995	0.21	0.23	0.44	2.29	2.43	4.73	0.59	0.58	1.17
1996	0.22	0.23	0.45	2.32	2.46	4.78	0.60	0.59	1.19
1997	0.22	0.23	0.45	2.34	2.50	4.84	0.61	0.60	1.21
1998	0.22	0.23	0.45	2.36	2.53	4.89	0.62	0.61	1.22
1999	0.22	0.24	0.46	2.39	2.55	4.94	0.62	0.62	1.24
2000	0.22	0.24	0.46	2.33	2.51	4.85	0.63	0.63	1.26
2001	0.22	0.24	0.46	2.35	2.54	4.90	0.64	0.63	1.27
2002	0.23	0.24	0.47	2.37	2.57	4.94	0.65	0.64	1.29
2003	0.23	0.24	0.47	2.39	2.60	4.99	0.65	0.65	1.30
2004	0.23	0.24	0.47	2.41	2.62	5.03	0.66	0.65	1.31
2005	0.23	0.24	0.47	2.42	2.65	5.07	0.66	0.66	1.32
2006	0.23	0.25	0.47	2.44	2.67	5.11	0.67	0.67	1.34
2007	0.23	0.25	0.47	2.44	2.68	5.13	0.67	0.67	1.34
2008	0.23	0.25	0.47	2.45	2.70	5.15	0.67	0.68	1.35
2009	0.23	0.25	0.48	2.46	2.72	5.18	0.68	0.68	1.36
2010	0.23	0.25	0.48	2.47	2.74	5.20	0.68	0.69	1.37
2011	0.23	0.25	0.48	2.48	2.75	5.23	0.69	0.69	1.38
2012	0.23	0.25	0.48	2.49	2.77	5.26	0.69	0.70	1.39
2013	0.23	0.25	0.48	2.51	2.79	5.29	0.70	0.70	1.40
2014 *	0.23	0.25	0.48	2.52	2.81	5.33	0.70	0.71	1.41

**TABLE 1.18** POPULATION ESTIMATES BY SEX (cont'd)  
Years 1983 - 2014, absolute million values

Year	Bago			Magway			Mandalay		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1983	1.95	1.95	3.91	1.64	1.69	3.33	2.33	2.37	4.71
1984	1.98	1.99	3.96	1.66	1.72	3.38	2.37	2.42	4.78
1985	2.01	2.02	4.02	1.68	1.74	3.42	2.41	2.46	4.86
1986	2.03	2.05	4.08	1.70	1.76	3.46	2.44	2.50	4.94
1987	2.06	2.08	4.14	1.72	1.79	3.50	2.48	2.54	5.02
1988	2.08	2.11	4.19	1.73	1.81	3.55	2.51	2.58	5.09
1989	2.11	2.14	4.25	1.75	1.84	3.58	2.55	2.62	5.17
1990	2.13	2.17	4.30	1.76	1.86	3.62	2.58	2.66	5.24
1991	2.15	2.20	4.35	1.78	1.88	3.65	2.61	2.70	5.31
1992	2.17	2.22	4.39	1.79	1.90	3.68	2.64	2.73	5.37
1993	2.19	2.25	4.44	1.80	1.92	3.71	2.66	2.77	5.43
1994	2.21	2.27	4.48	1.81	1.93	3.74	2.69	2.80	5.49
1995	2.22	2.30	4.52	1.82	1.95	3.77	2.71	2.84	5.55
1996	2.24	2.32	4.56	1.83	1.97	3.80	2.74	2.87	5.61
1997	2.26	2.34	4.60	1.84	1.99	3.82	2.77	2.91	5.67
1998	2.28	2.37	4.64	1.85	2.00	3.85	2.79	2.94	5.73
1999	2.29	2.39	4.68	1.86	2.02	3.87	2.81	2.97	5.79
2000	2.30	2.41	4.71	1.86	2.03	3.89	2.91	3.07	5.98
2001	2.31	2.43	4.74	1.87	2.05	3.91	2.92	3.09	6.02
2002	2.32	2.45	4.77	1.87	2.06	3.92	2.93	3.11	6.05
2003	2.33	2.46	4.79	1.87	2.07	3.93	2.94	3.13	6.07
2004	2.33	2.47	4.81	1.87	2.07	3.94	2.95	3.15	6.09
2005	2.34	2.49	4.82	1.86	2.08	3.95	2.95	3.17	6.11
2006	2.34	2.50	4.84	1.86	2.09	3.95	2.45	2.66	5.11
2007	2.33	2.50	4.83	1.85	2.09	3.94	2.50	2.72	5.23
2008	2.33	2.50	4.83	1.84	2.09	3.93	2.56	2.79	5.34
2009	2.33	2.52	4.84	1.84	2.09	3.93	2.62	2.86	5.48
2010	2.32	2.52	4.84	1.83	2.09	3.93	2.67	2.93	5.60
2011	2.32	2.52	4.84	1.83	2.09	3.92	2.73	3.00	5.73
2012	2.32	2.53	4.85	1.82	2.10	3.92	2.80	3.08	5.87
2013	2.32	2.54	4.86	1.82	2.10	3.92	2.86	3.15	6.02
2014 *	2.32	2.55	4.87	1.81	2.10	3.92	2.93	3.24	6.17

**TABLE 1.18 POPULATION ESTIMATES BY SEX (cont'd)**  
Years 1983 - 2014, absolute million values

Year	Mon			Rakhine			Yangon		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1983	0.87	0.86	1.73	1.05	1.06	2.10	2.06	2.01	4.08
1984	0.88	0.87	1.75	1.07	1.08	2.15	2.12	2.07	4.19
1985	0.89	0.88	1.77	1.09	1.10	2.19	2.17	2.13	4.30
1986	0.90	0.89	1.80	1.11	1.13	2.24	2.22	2.19	4.42
1987	0.91	0.91	1.82	1.13	1.15	2.28	2.28	2.25	4.53
1988	0.92	0.92	1.84	1.16	1.18	2.33	2.33	2.31	4.65
1989	0.93	0.93	1.86	1.18	1.20	2.38	2.39	2.37	4.76
1990	0.94	0.94	1.88	1.20	1.22	2.42	2.44	2.44	4.88
1991	0.95	0.95	1.90	1.22	1.25	2.46	2.50	2.50	4.99
1992	0.96	0.96	1.92	1.24	1.27	2.50	2.55	2.56	5.11
1993	0.96	0.97	1.93	1.25	1.29	2.54	2.60	2.62	5.22
1994	0.97	0.98	1.95	1.27	1.31	2.58	2.65	2.68	5.33
1995	0.97	0.99	1.96	1.29	1.33	2.63	2.70	2.74	5.44
1996	0.98	1.00	1.98	1.31	1.36	2.67	2.75	2.81	5.56
1997	0.99	1.01	1.99	1.33	1.38	2.71	2.81	2.87	5.68
1998	0.99	1.02	2.01	1.35	1.40	2.75	2.86	2.94	5.80
1999	1.00	1.02	2.02	1.36	1.42	2.79	2.92	3.00	5.91
2000	1.00	1.03	2.03	1.38	1.44	2.83	2.97	3.06	6.03
2001	1.00	1.04	2.04	1.40	1.46	2.86	3.01	3.12	6.14
2002	1.01	1.04	2.05	1.41	1.48	2.89	3.06	3.18	6.24
2003	1.01	1.05	2.05	1.42	1.50	2.93	3.10	3.24	6.35
2004	1.01	1.05	2.06	1.44	1.52	2.96	3.15	3.30	6.45
2005	1.01	1.06	2.06	1.45	1.54	2.98	3.19	3.36	6.55
2006	1.01	1.06	2.07	1.46	1.55	3.01	3.23	3.42	6.65
2007	1.00	1.06	2.06	1.46	1.57	3.03	3.26	3.47	6.72
2008	1.00	1.06	2.06	1.47	1.58	3.05	3.29	3.51	6.80
2009	1.00	1.06	2.06	1.48	1.59	3.07	3.33	3.57	6.90
2010	0.99	1.06	2.06	1.49	1.61	3.09	3.36	3.62	6.98
2011	0.99	1.06	2.05	1.50	1.62	3.11	3.39	3.67	7.07
2012	0.99	1.06	2.05	1.51	1.63	3.14	3.43	3.73	7.16
2013	0.99	1.06	2.05	1.52	1.65	3.16	3.48	3.78	7.26
2014 *	0.99	1.07	2.05	1.53	1.66	3.19	3.52	3.84	7.36

**TABLE 1.18 POPULATION ESTIMATES BY SEX (concl'd)**  
Years 1983 - 2014, absolute million values

Year	Shan			Ayeyawady			Naypyitaw		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1983	1.92	1.90	3.82	2.57	2.56	5.13	0.00	0.00	0.00
1984	1.96	1.94	3.90	2.61	2.60	5.21	0.00	0.00	0.00
1985	2.00	1.98	3.99	2.64	2.63	5.28	0.00	0.00	0.00
1986	2.05	2.03	4.07	2.68	2.67	5.35	0.00	0.00	0.00
1987	2.09	2.07	4.16	2.71	2.71	5.42	0.00	0.00	0.00
1988	2.13	2.11	4.24	2.74	2.74	5.48	0.00	0.00	0.00
1989	2.17	2.15	4.32	2.77	2.78	5.55	0.00	0.00	0.00
1990	2.21	2.19	4.40	2.80	2.81	5.61	0.00	0.00	0.00
1991	2.25	2.23	4.48	2.82	2.84	5.67	0.00	0.00	0.00
1992	2.29	2.27	4.56	2.85	2.87	5.72	0.00	0.00	0.00
1993	2.33	2.30	4.63	2.87	2.90	5.77	0.00	0.00	0.00
1994	2.36	2.34	4.71	2.89	2.92	5.82	0.00	0.00	0.00
1995	2.40	2.38	4.78	2.91	2.95	5.86	0.00	0.00	0.00
1996	2.44	2.42	4.86	2.93	2.98	5.91	0.00	0.00	0.00
1997	2.48	2.45	4.93	2.95	3.00	5.96	0.00	0.00	0.00
1998	2.52	2.49	5.01	2.98	3.03	6.00	0.00	0.00	0.00
1999	2.55	2.53	5.08	2.99	3.05	6.05	0.00	0.00	0.00
2000	2.59	2.56	5.15	3.01	3.07	6.08	0.00	0.00	0.00
2001	2.62	2.60	5.22	3.02	3.09	6.11	0.00	0.00	0.00
2002	2.65	2.63	5.28	3.03	3.11	6.14	0.00	0.00	0.00
2003	2.68	2.66	5.34	3.04	3.12	6.16	0.00	0.00	0.00
2004	2.70	2.69	5.39	3.04	3.14	6.17	0.00	0.00	0.00
2005	2.73	2.72	5.44	3.04	3.15	6.19	0.00	0.00	0.00
2006	2.75	2.74	5.49	3.04	3.16	6.20	0.50	0.52	1.02
2007	2.77	2.76	5.53	3.03	3.16	6.19	0.51	0.53	1.03
2008	2.78	2.78	5.56	3.02	3.15	6.18	0.51	0.54	1.05
2009	2.80	2.81	5.61	2.96	3.09	6.05	0.52	0.55	1.07
2010	2.82	2.82	5.65	2.97	3.10	6.07	0.53	0.56	1.08
2011	2.84	2.84	5.68	2.98	3.12	6.09	0.54	0.56	1.10
2012	2.86	2.86	5.73	2.99	3.13	6.12	0.55	0.57	1.12
2013	2.89	2.89	5.78	3.00	3.15	6.15	0.56	0.58	1.14
2014 *	2.91	2.91	5.82	3.01	3.18	6.18	0.57	0.60	1.16

Note: \* 2014 Census.

Backward population estimates based on 2014 Census.

Source : Department of Population.



**TABLE 1.19 POPULATION ESTIMATES**

Years 2015/2016 - 2018/2019, absolute million values and percentage compositions

Year	Population (Million)			Annual Growth Rate (Percentage)
	Total	Male	Female	
2015 - 2016	52.45	25.26	27.19	0.88
2016 - 2017	52.92	25.45	27.47	0.89
2017 - 2018	53.39	25.65	27.74	0.89
2018*	53.63	25.75	27.88	0.88
2018 - 2019	53.86	25.85	28.01	0.88

Note : Population as of October 1.

Source : Department of Population.

\* Population as of April 1.

**TABLE 1.20 POPULATION ESTIMATES BY BROAD AGE-GROUP**

Years 2015/2016 – 2018/2019, absolute million values and ratio values compositions

Age-Group	2015-2016		2016-2017		2017-2018		2018 *		2018-2019	
	Numbers (Million)	Ratio (%)	Numbers (Million)	Ratio (%)	Numbers (Million)	Ratio (%)	Numbers (Million)	Ratio (%)	Numbers (Million)	Ratio (%)
0 - 14 Years	15.01	28.61	14.98	28.31	14.94	27.98	14.92	27.81	14.89	27.65
Male	7.61	30.14	7.60	29.85	7.58	29.53	7.56	29.35	7.54	29.16
Female	7.40	27.20	7.38	26.88	7.36	26.55	7.36	26.38	7.35	26.24
15 - 59 Years	32.69	62.33	33.04	62.44	33.39	62.54	33.56	62.59	33.73	62.63
Male	15.62	61.84	15.78	62.00	15.94	62.15	16.02	62.24	16.10	62.28
Female	17.07	62.78	17.26	62.85	17.45	62.90	17.54	62.92	17.63	62.94
60 Years and above	4.75	9.06	4.90	9.25	5.06	9.48	5.15	9.60	5.24	9.73
Male	2.03	8.02	2.08	8.15	2.13	8.32	2.17	8.41	2.21	8.54
Female	2.72	10.02	2.82	10.27	2.93	10.55	2.98	10.70	3.03	10.82
Total	52.45	100.00	52.92	100.00	53.39	100.00	53.63	100.00	53.86	100.00
Male	25.26	100.00	25.45	100.00	25.65	100.00	25.75	100.00	25.85	100.00
Female	27.19	100.00	27.47	100.00	27.74	100.00	27.88	100.00	28.01	100.00
Sex Ratio (Males per 100 Females)		92.87		92.66		92.46		92.36		92.27

Note : Population as of October 1.

Source : Department of Population.

\* Population as of April 1.

**TABLE 1.21 POPULATION ESTIMATED BY 5 YEARS AGE-GROUP**  
Years 2015/2016 – 2018/2019, absolute thousand value

Age Group	Sex	2015-2016	2016-2017	2017-2018	2018 *	2018-2019
UNION TOTAL	Total	52450	52917	53388	53625	53863
	Male	25256	25451	25648	25748	25848
	Female	27194	27466	27740	27877	28015
0-4	Total	4887	4938	4976	4986	4996
	Male	2471	2499	2519	2524	2529
	Female	2416	2439	2457	2462	2467
5-9	Total	4966	4865	4796	4784	4777
	Male	2518	2461	2423	2416	2410
	Female	2448	2404	2373	2368	2361
10-14	Total	5155	5177	5167	5143	5120
	Male	2622	2637	2632	2618	2603
	Female	2533	2540	2535	2525	2517
15-19	Total	4816	4867	4923	4952	4981
	Male	2403	2438	2476	2495	2514
	Female	2413	2429	2447	2457	2467
20-24	Total	4465	4492	4525	4545	4564
	Male	2164	2183	2208	2223	2238
	Female	2301	2309	2317	2322	2326
25-29	Total	4247	4244	4244	4246	4249
	Male	2034	2028	2024	2025	2025
	Female	2213	2216	2220	2221	2224
30-34	Total	4038	4062	4077	4082	4087
	Male	1944	1948	1948	1947	1945
	Female	2094	2114	2129	2135	2142

**TABLE 1.21 POPULATION ESTIMATED BY 5 YEARS AGE GROUP (concl'd)**  
Years 2015/2016 – 2018/2019, absolute thousand value

Age Group	Sex	2015-2016	2016-2017	2017-2018	2018 *	2018-2019
35-39	Total	3704	3745	3788	3808	3829
	Male	1773	1792	1809	1817	1826
	Female	1931	1953	1979	1991	2003
40-44	Total	3409	3439	3469	3486	3502
	Male	1608	1621	1635	1643	1651
	Female	1801	1818	1834	1843	1851
45-49	Total	3086	3132	3177	3198	3218
	Male	1437	1456	1476	1484	1493
	Female	1649	1676	1701	1714	1725
50-54	Total	2713	2768	2817	2841	2865
	Male	1250	1273	1293	1303	1313
	Female	1463	1495	1524	1538	1552
55-59	Total	2214	2291	2369	2405	2442
	Male	1006	1039	1071	1087	1102
	Female	1208	1252	1298	1318	1340
60-64	Total	1709	1771	1833	1865	1898
	Male	766	789	813	825	838
	Female	943	982	1020	1040	1060
65 & +	Total	3041	3126	3227	3284	3341
	Male	1260	1287	1321	1341	1361
	Female	1781	1839	1906	1943	1980

Note : Population as of October 1.

\* Population as of April 1.

Source : Department of Population.

**TABLE 1.22 POPULATION ESTIMATES AND SEX RATIO**  
Years 2015/2016 – 2018/2019, absolute million value and ratio value

States and Regions	Estimated Population(million)					Sex Ratio				
	2015-2016	2016-2017	2017-2018	2018*	2018-2019	2015-2016	2016-2017	2017-2018	2018*	2018-2019
Union	52.45	52.90	53.39	53.63	53.86	92.87	92.66	92.46	92.36	92.27
Kachin State	1.76	1.80	1.83	1.85	1.86	108.19	108.23	108.27	108.28	108.3
Kayah State	0.30	0.30	0.31	0.31	0.32	99.34	99.17	99	98.92	98.85
Kayin State	1.58	1.58	1.59	1.60	1.60	96.44	96.11	95.79	95.64	95.49
Chin State	0.50	0.50	0.51	0.51	0.51	92.28	92.04	91.81	91.7	91.59
Sagaing Region	5.41	5.45	5.49	5.51	5.53	89.56	89.44	89.32	89.26	89.20
Taninthayi Region	1.43	1.45	1.46	1.47	1.47	98.79	98.65	98.52	98.46	98.39
Bago Region	4.90	4.91	4.92	4.92	4.93	90.92	90.7	90.48	90.37	90.27
Magway Region	3.94	3.94	3.94	3.94	3.94	85.94	85.61	85.29	85.14	84.99
Mandalay Region	6.27	6.33	6.39	6.42	6.45	90.22	89.97	89.73	89.62	89.51
Mon State	2.03	2.02	2.01	2.01	2.00	91.71	91.1	90.53	90.27	90.00
Rakhine State	3.27	3.28	3.30	3.31	3.32	91.53	91.3	91.08	90.97	90.86
Yangon Region	7.60	7.76	7.94	8.02	8.11	91.09	90.77	90.47	90.33	90.19
Shan State	6.00	6.09	6.19	6.24	6.29	99.79	99.66	99.54	99.49	99.43
Ayeyawady Region	6.26	6.27	6.27	6.27	6.27	94.64	94.51	94.39	94.33	94.26
Nay Pyi Taw	1.20	1.22	1.24	1.25	1.26	94.73	94.55	94.36	94.27	94.18

Note : Population as of October 1.

\*Population as of April 1.

Source : Department of Population.

**TABLE 1.23 POPULATION GROWTH RATE AND DENSITY**

Years 2015/2016–2018/2019, absolute percentage and per square kilometer

States and Regions	Population Growth Rate(%)					Density (Per sq Km)				
	2015-2016	2016-2017	2017-2018	2018*	2018-2019	2015-2016	2016-2017	2017-2018	2018*	2018-2019
<b>Union</b>	<b>0.88</b>	<b>0.89</b>	<b>0.89</b>	<b>0.88</b>	<b>0.88</b>	<b>78</b>	<b>78</b>	<b>79</b>	<b>79</b>	<b>80</b>
Kachin State	1.87	1.86	1.85	1.85	1.84	20	20	21	21	21
Kayah State	2.16	2.14	2.12	2.11	2.10	25	26	26	27	27
Kayin State	0.55	0.54	0.53	0.53	0.52	52	52	52	53	53
Chin State	1.14	1.12	1.10	1.09	1.08	14	14	14	14	14
Sagaing Region	0.73	0.73	0.72	0.71	0.71	58	58	59	59	59
Taninthayi Region	0.87	0.87	0.87	0.87	0.87	33	33	34	34	34
Bago Region	0.23	0.22	0.21	0.21	0.20	124	125	125	125	125
Magway Region	-0.04	-0.05	-0.06	-0.07	-0.08	88	88	88	88	88
Mandalay Region	0.91	0.91	0.92	0.91	0.91	203	205	207	208	209
Mon State	-0.58	-0.56	-0.55	-0.54	-0.54	165	164	164	163	163
Rakhine State	0.51	0.51	0.51	0.50	0.50	89	89	90	90	90
Yangon Region	2.20	2.20	2.20	2.20	2.20	739	755	772	781	789
Shan State	1.54	1.54	1.53	1.52	1.52	39	39	40	40	40
Ayeyawady Region	0.08	0.06	0.03	0.01	0.00	179	179	179	179	179
Nay Pyi Taw	1.71	1.69	1.66	1.65	1.64	170	172	175	177	178

Note: Population as of October 1.

\* Population as of April 1.

Source : Department of Population.

**TABLE 1.24 POPULATION DISTRIBUTION**  
Years 2015/2016 – 2018/2019, percentage value

States and Regions	Sex	2015-2016	2016-2017	2017-2018	2018*	2018-2019
Union	Total	100.00	100.00	100.00	100.00	100.00
	Male	100.00	100.00	100.00	100.00	100.00
	Female	100.00	100.00	100.00	100.00	100.00
Kachin State	Total	3.36	3.40	3.43	3.44	3.46
	Male	3.63	3.68	3.71	3.73	3.75
	Female	3.11	3.14	3.17	3.18	3.19
Kayah State	Total	0.57	0.57	0.58	0.58	0.59
	Male	0.59	0.59	0.60	0.61	0.61
	Female	0.55	0.56	0.56	0.57	0.57
Kayin State	Total	3.00	3.00	2.98	2.98	2.97
	Male	3.06	3.05	3.04	3.03	3.30
	Female	2.95	2.94	2.93	2.93	2.92
Chin State	Total	0.95	0.95	0.95	0.95	0.95
	Male	0.95	0.95	0.95	0.95	0.95
	Female	0.95	0.95	0.95	0.96	0.96
Sagaing Region	Total	10.32	10.30	10.29	10.28	10.27
	Male	10.12	10.11	10.10	10.09	10.09
	Female	10.50	10.48	10.46	10.45	10.43
Tanintharyi Region	Total	2.73	2.74	2.73	2.73	2.74
	Male	2.82	2.82	2.83	2.83	2.83
	Female	2.65	2.65	2.65	2.65	2.65
Bago Region	Total	9.34	9.28	9.21	9.18	9.15
	Male	9.23	9.17	9.11	9.08	9.05
	Female	9.43	9.37	9.31	9.28	9.25
Magway Region	Total	7.52	7.45	7.38	7.35	7.31
	Male	7.22	7.15	7.07	7.04	7.00
	Female	7.80	7.74	7.67	7.63	7.60
Mandalay Region	Total	11.96	11.96	11.97	11.97	11.97
	Male	11.78	11.78	11.78	11.78	11.78
	Female	12.13	12.13	12.14	12.14	12.15
Mon State	Total	3.88	3.82	3.77	3.74	3.71
	Male	3.85	3.79	3.73	3.70	3.67
	Female	3.90	3.85	3.80	3.78	3.76
Rakhine State	Total	6.23	6.20	6.18	6.17	6.16
	Male	6.18	6.16	6.13	6.12	6.11
	Female	6.27	6.25	6.23	6.21	6.20
Yangon Region	Total	14.48	14.67	14.87	14.97	15.06
	Male	14.33	14.51	14.70	14.79	14.88
	Female	14.62	14.82	15.02	15.12	15.23
Shan State	Total	11.44	11.52	11.59	11.63	11.67
	Male	11.87	11.95	12.04	12.08	12.12
	Female	11.05	11.11	11.18	11.21	11.25
Ayeyarwady Region	Total	11.94	11.84	11.75	11.70	11.65
	Male	12.06	11.97	11.87	11.82	11.77
	Female	11.83	11.73	11.63	11.58	11.53
Nay Pyi Taw	Total	2.28	2.30	2.32	2.33	2.34
	Male	2.31	2.32	2.34	2.35	2.36
	Female	2.26	2.28	2.30	2.31	2.31

Note : Population as of October 1.

\* Population as of April 1.

Source : Department of Population.

**TABLE 1.25 DISTRIBUTION OF POPULATION**  
Year 2018/2019, absolute thousand value

States and Regions	Total	Male	Female
<b>Union</b>	<b>53,863</b>	<b>25,848</b>	<b>28,015</b>
Kachin State	1,864	969	895
Kayah State	317	157	160
Kayin State	1,602	782	820
Chin State	514	246	268
Sagaing Region	5,530	2,608	2,922
Taninthayi Region	1,473	730	743
Bago Region	4,929	2,339	2,590
Magway Region	3,939	1,809	2,130
Mandalay Region	6,448	3,045	3,403
Mon State	2,000	948	1,052
Rakhine State	3,317	1,579	1,738
Yangon Region	8,114	3,848	4,266
Shan State	6,284	3,133	3,151
Ayeyawady Region	6,273	3,044	3,229
Nay Pyi Taw	1,259	611	648

Note : Population as of October 1.

Source : Department of Population.

**TABLE 1.26 POPULATION PROPORTION**  
Year 2018/2019, absolute thousand values and percentage values

States and Regions	Total Population	Both sexes	Male	Female	% Urban	Both sexes	Male	Female	% Rural
<b>Union</b>	<b>53,863</b>	<b>15,971</b>	<b>7,580</b>	<b>8,391</b>	<b>30</b>	<b>37,892</b>	<b>18,268</b>	<b>19,624</b>	<b>70</b>
Kachin State	1,864	670	335	335	36	1,194	634	560	64
Kayah State	317	80	39	41	25	237	118	119	75
Kayin State	1,602	349	171	178	22	1,253	611	642	78
Chin State	514	107	50	57	21	407	196	211	79
Sagaing Region	5,530	942	443	499	17	4,588	2,165	2,423	83
Taninthayi Region	1,473	353	171	182	24	1,120	559	561	76
Bago Region	4,929	1,082	501	581	22	3,847	1,838	2,009	78
Magway Region	3,939	589	268	321	15	3,350	1,541	1,809	85
Mandalay Region	6,448	2,233	1,068	1,165	35	4,215	1,977	2,238	65
Mon State	2,000	555	261	294	28	1,445	687	758	72
Rakhine State	3,317	558	265	293	17	2,759	1,314	1,445	83
Yangon Region	8,114	5,666	2,655	3,011	70	2,448	1,193	1,255	30
Shan State	6,284	1,500	741	759	24	4,784	2,392	2,392	76
Ayeyawady Region	6,273	882	415	467	14	5,391	2,629	2,762	86
Nay Pyi Taw	1,259	405	197	208	32	854	414	440	68

Note : Population as of October 1.

Source : Department of Population.

**TABLE 1.27 POPULATION PROPORTION AND DEPENDENCY RATIOS**  
Year 2018/2019, percentage values

Particular	Union	Urban	Rural
<b>Broad Age Group</b>			
Total	100.00	100.00	100.00
Under 15 years	27.64	22.80	29.67
15 - 64 years	66.16	70.83	64.67
65+ years	6.20	6.36	6.14
<b>Dependency Ratio</b>			
Total Dependency Ratio	51.16	41.20	55.80
Child Dependency Ratio	41.78	32.20	46.20
Old Dependency Ratio	9.38	9.00	9.60
Aging Index	22.45	27.90	20.69

Note : Population as of October 1.

Source : Department of Population.



**TABLE 1.28 POPULATION, DEPENDENCY RATIOS AND AGING INDEX**  
Year 2018/2019, 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	Aging Index
	0 - 14	15 - 64	65+				
<b>Union</b>	<b>14,886</b>	<b>35,635</b>	<b>3,342</b>	<b>51.16</b>	<b>41.78</b>	<b>9.38</b>	<b>22</b>
Kachin State	548	1,239	77	50.58	44.35	6.23	14
Kayah State	107	197	13	60.60	54.17	6.43	12
Kayin State	538	971	93	65.01	55.44	9.57	17
Chin State	210	279	25	84.62	75.60	9.02	12
Sagaing Region	1,523	3,646	362	51.73	41.81	9.92	24
Taninthayi Region	479	915	78	60.93	52.36	8.57	16
Bago Region	1,316	3,271	342	50.69	40.22	10.47	26
Magway Region	1,039	2,596	304	51.72	40.00	11.72	29
Mandalay Region	1,607	4,417	424	46.00	36.39	9.61	26
Mon State	580	1,275	145	56.83	45.46	11.37	25
Rakhine State	1,003	2,088	226	58.85	48.04	10.81	22
Yangon Region	1,828	5,801	485	39.85	31.50	8.35	26
Shan State	1,954	4,033	297	55.79	48.43	7.36	15
Ayeyawady Region	1,807	4,059	407	54.55	44.51	10.04	23
Nay Pyi Taw	347	848	64	48.37	40.88	7.49	18

Note : Population as of October 1.

Source : Department of Population.

## METHODOLOGY SHEET | Movement of Population

<b>Responsible Unit (Service or Structure)</b>	Department of Immigration
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Travellers by sea, by air and by land
<b>Classification Variables</b>	Arrival and departure of travellers by sea, by air and by land
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Daily record from the International airports, seaports and border check point
<b>Units</b>	International travellers through airports, seaports and border gates
<b>Tables</b>	1.29

**TABLE 1.29 MOVEMENT OF POPULATION**  
Years 2005, 2010, 2015 - 2019, 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
2015	2471424	7482816	839	877	858505	902830	1612080	6579109
2016	2860229	2828248	11626	11476	1213992	1205572	1634611	1611200
2017	3300302	3309092	6940	6769	1313919	1313874	1979443	1988449
2018	3338936	3215478	9370	9261	1316458	1315113	2013108	1891104
2019	4437622	4311584	8686	8396	1865310	1858350	2563626	2444838

Note : Including entry/exit of foreigners who are holding with Temporary Border Pass (TBP) or Border Pass (BP) or Passport at the International Border Check Points.

Source : Department of Immigration.

METHODOLOGY SHEET | **Foreigners Residing**

<b>Responsible Unit (Service or Structure)</b>	Department of Immigration
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Foreigners residing by nationalities
<b>Classification Variables</b>	Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Foreigners registered in Myanmar
<b>Tables</b>	1.30

**TABLE 1.30 FOREIGNERS RESIDING**  
Years 2015 - 2019, 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	2015	11965	11097	11292	11940	1399	826	456	279	3977	3981	29089	28123
	2016	11537	10672	10886	11715	1198	775	396	262	3874	3894	27891	27318
	2017	10658	10086	10179	11343	890	748	326	252	3655	3741	25708	26170
	2018	10444	9839	10063	11189	850	755	300	250	3619	3700	25276	25733
	2019	10015	9492	9607	10774	794	703	275	226	3521	3582	24212	24777
Kachin State	2015	4125	3564	439	317	30	15	1	-	188	157	4783	4053
	2016	3978	3469	408	300	17	13	1	-	156	124	4560	3906
	2017	3842	3331	397	286	20	11	-	-	126	97	4385	3725
	2018	3778	3290	394	285	20	11	-	-	116	87	4308	3673
	2019	3734	3263	387	279	18	10	-	-	106	83	4245	3635
Kayah State	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
	2017	8	9	3	14	1	5	3	6	107	145	122	179
	2018	8	9	3	14	1	5	3	6	102	147	117	181
	2019	8	7	3	12	1	5	3	6	102	142	117	172
Kayin State	2015	4	4	5	3	6	-	19	1	4	5	38	13
	2016	3	4	2	3	5	-	3	1	2	5	15	13
	2017	3	4	2	3	6	-	3	1	2	5	16	13
	2018	3	4	2	3	6	-	3	1	2	5	16	13
	2019	3	2	2	3	5	-	3	1	2	5	15	11
Chin State	2015	-	1	-	-	-	-	1	1	-	-	1	2
	2016	-	1	-	-	-	-	1	1	-	-	1	2
	2017	-	1	-	-	-	-	1	1	-	-	1	2
	2018	-	1	-	-	-	-	1	1	-	-	1	2
	2019	-	1	-	-	-	-	1	1	-	-	1	2
Sagaing Region	2015	109	127	112	138	12	17	-	1	12	13	245	296
	2016	85	110	96	130	9	17	-	1	10	13	200	271
	2017	79	112	94	125	9	16	-	1	10	13	192	267
	2018	79	112	94	125	9	16	-	1	10	13	192	267
	2019	77	98	95	123	9	15	-	1	8	13	189	250
Taninthayi Region	2015	202	239	251	342	8	6	-	-	22	22	483	609
	2016	189	235	240	333	6	6	-	-	22	21	457	595
	2017	181	233	232	330	4	3	-	-	19	20	436	586
	2018	149	163	220	305	3	1	-	-	14	10	386	479
	2019	138	160	216	293	2	1	-	-	11	9	367	463
Bago Region	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
	2017	433	485	982	1183	4	1	65	7	2	2	1486	1678
	2018	418	469	971	1173	4	1	62	7	4	2	1459	1652
	2019	371	455	908	1118	2	1	61	4	2	2	1344	1580

**TABLE 1.30 FOREIGNERS RESIDING (concl'd)**  
Years 2015 - 2019, 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	2015	26	33	269	371	3	1	2	1	-	1	300	407
	2016	24	30	263	369	3	1	2	1	-	1	292	402
	2017	22	30	260	357	3	1	2	-	-	1	287	389
	2018	20	26	257	353	3	1	2	-	-	-	282	380
	2019	18	24	245	344	3	1	2	-	-	-	268	369
Mandalay Region	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
	2017	767	739	832	1034	71	53	16	21	1598	1655	3284	3502
	2018	778	726	825	1026	53	61	14	23	1592	1642	3262	3478
	2019	721	683	771	975	49	56	11	20	1582	1626	3134	3360
Mon State	2015	72	64	218	185	35	10	7	8	-	-	332	267
	2016	55	52	209	180	34	9	5	8	-	-	303	249
	2017	55	48	198	177	33	9	5	8	-	-	291	242
	2018	52	45	189	175	31	9	5	8	-	-	277	237
	2019	48	40	168	156	27	8	5	7	-	-	248	211
Rakhine State	2015	35	62	14	4	293	108	67	54	-	-	409	228
	2016	32	62	11	4	254	102	61	54	-	-	358	222
	2017	31	49	8	3	123	93	40	53	-	-	202	198
	2018	33	54	7	4	126	97	31	45	-	-	197	200
	2019	33	54	7	4	123	94	28	43	-	-	191	195
Yangon Region	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
	2017	2585	2586	5244	5757	476	415	176	140	83	68	8564	8966
	2018	2545	2548	5221	5718	459	413	164	144	82	67	8471	8890
	2019	2370	2389	4957	5479	415	382	146	130	81	60	7969	8440
Shan State	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
	2017	2115	1910	282	333	85	92	1	1	1708	1735	4191	4071
	2018	2064	1857	279	326	81	91	1	1	1697	1727	4122	4002
	2019	1988	1799	267	324	90	81	1	1	1627	1642	3973	3847
Ayeyawady Region	2015	597	620	1783	1822	115	55	49	23	5	-	2549	2520
	2016	561	587	1672	1787	88	53	24	19	4	-	2349	2446
	2017	537	549	1645	1741	55	49	14	13	-	-	2251	2352
	2018	517	535	1601	1682	54	49	14	13	-	-	2186	2279
	2019	506	517	1581	1664	50	49	14	12	-	-	2151	2242

Note : Foreigner residing under Foreigner's Registration Act.

Source : Department of Immigration.

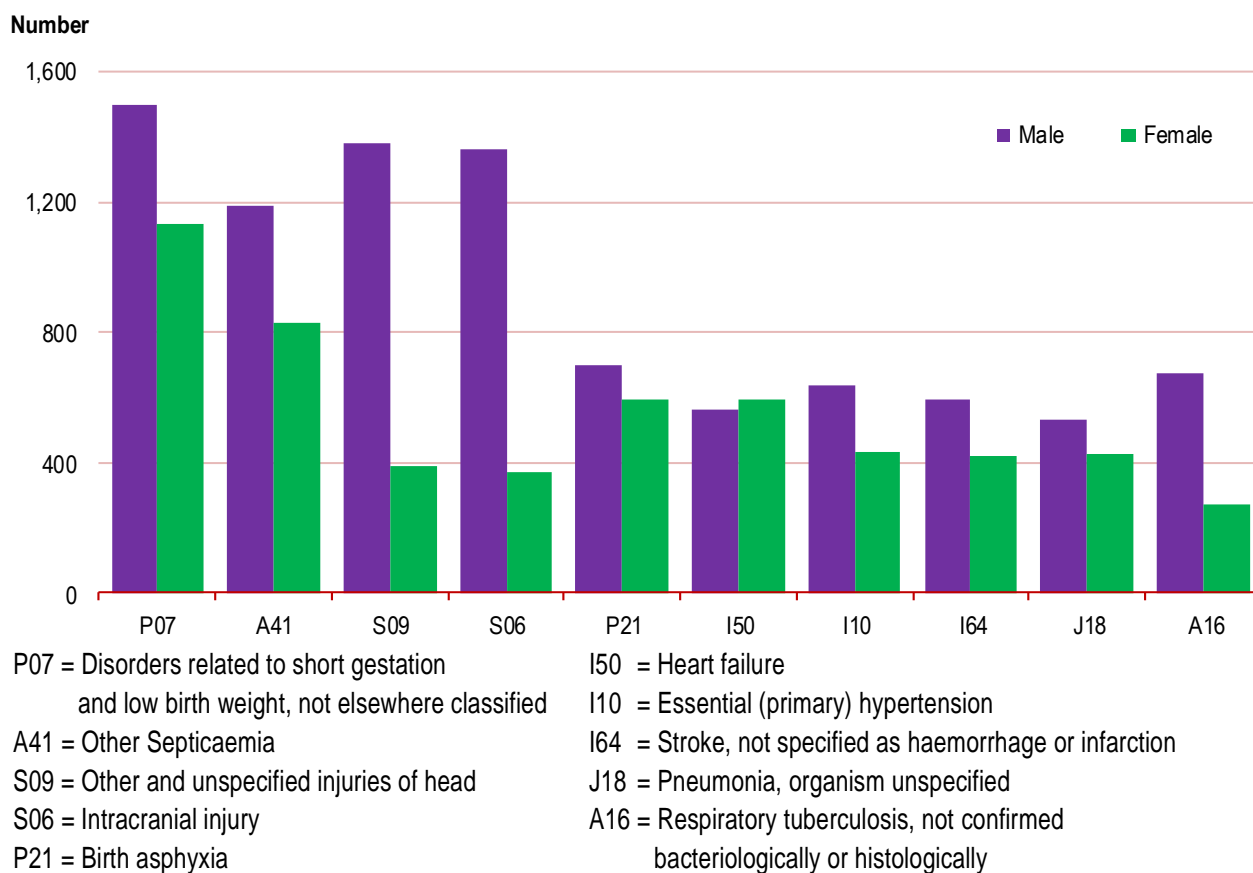


# 2

## Health and Social Welfare

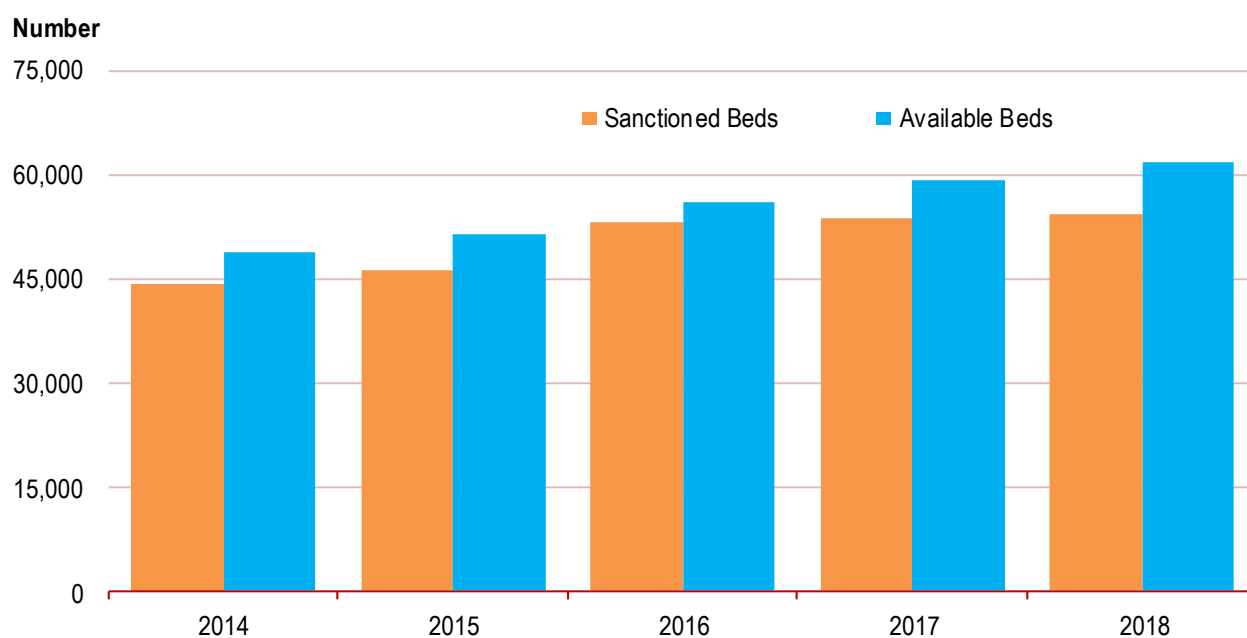
In 2018-2019, there were **1,151 Government Hospitals** in medical services. | There were **12,371 Doctors**, **870 Dental Surgeons** and **22,340 Nurses** in 2018-2019. | In 2018 the single leading causes of **mortality** were **disorders related to short gestation and low birth weight** at **6.0%**, and **other septicaemia** at **4.6%**. | In 2018 the highest **fatality rate** per 1,000 discharges and deaths was among infants **under age 1 (32.7%)**, while the lowest was for children **aged 5-14 (4.2%)**. | **Antenatal care** by basic health staff was provided to **86.3%** of pregnant mothers in 2018. | The value of **Government Life Insurance** Policies in 2018-2019 was **655,643.59 Millions Kyats**.

**FIGURE 2.1 LEADING CAUSES OF MORTALITY, PUBLIC HOSPITALS, 2018 (P)**



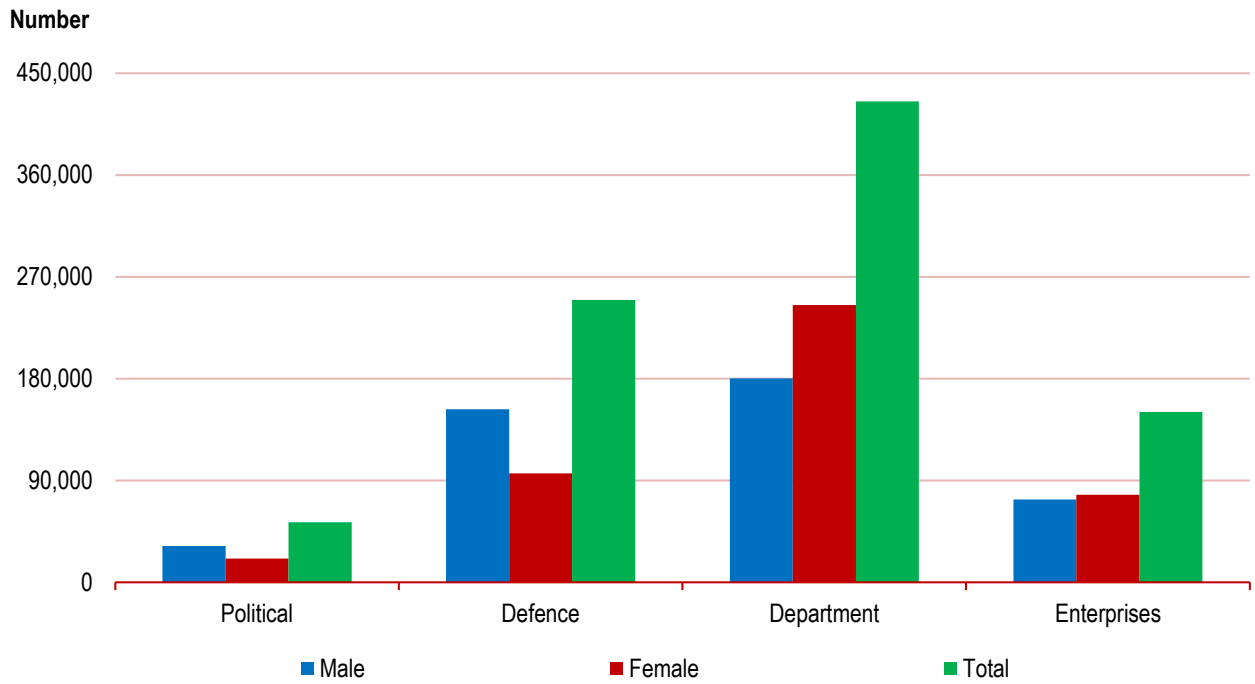
Source : Department of Public Health

**FIGURE 2.2 PUBLIC HOSPITAL BEDS**



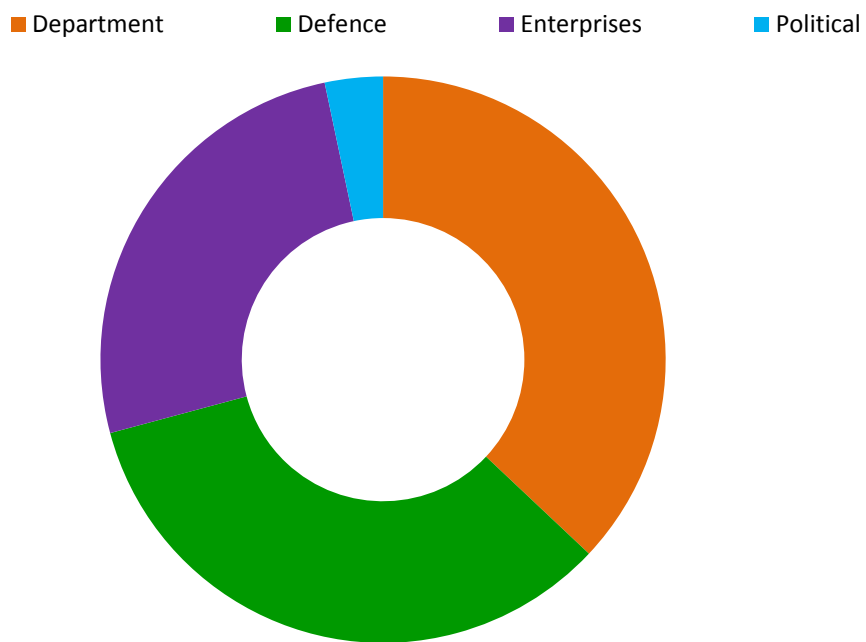
Source : Department of Public Health

**FIGURE 2.3** NUMBER OF PENSIONERS, 2018/2019



Source : Pension Department

**FIGURE 2.4** PERCENTAGE OF PENSIONARY EXPENDITURES, 2018/2019



Source : Pension Department



## HEALTH

### METHODOLOGY SHEET | Health Statistics

<b>Responsible Unit (Service or Structure)</b>	Health Management Information System, Department of Public Health, Department of Medical Services, Livestock Breeding and Veterinary Department, Department of Traditional Medicine.
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Medical and health facilities and health personnel, hospitals service indicators, hospital resources and services, public hospitals by states and regions for government and primary health care and basic health services for public health activities, health facilities, health personnel and general clinics by states and regions for private sector
<b>Classification Variables</b>	-
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Medical facilities and services
<b>Tables</b>	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, 2015/2016 - 2018/2019, absolute values

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>GOVERNMENT HOSPITAL</b>	<b>824</b>	<b>898</b>	<b>1,054</b>	<b>1,124</b>	<b>1,134</b>	<b>1,134</b>	<b>1,151</b>
(1) Specialist Hospital	20	24	32	32	33	33	33
Bed: Scheduled	5,950	7,400	8,750	10,700 (r)	10,750	10,750	10,750
Available	6,421	6,806	8,459	9,048	-	-	-
(2) General Hospital	804	874	1,022	1,092 (r)	1,101	1,101	1,118
Bed: Scheduled	28,116	33,513	37,310	44,144 (r)	44,272	44,347	44,628
Available	36,092	39,098	42,996	46,858	-	-	-
<b>INDIGENOUS MEDICINE</b>							
(1) Indigenous Hospital	14	14	22	22	34	36	42
(2) Indigenous Medical Centers	237	237	260	260	260	260	260
(3) Patients Treated (000)	1,142	2,300	1,056	1,207	1,134	637	1,323
<b>HEALTH CENTRE</b>							
(1) Rural	1,456	1,558	1,778	1,778	1,796	1,796	1,849
(2) Primary and Secondary	86	86	93	93	93	93	93
(3) Maternity and Child Health	348	348	348	348	348	348	348
<b>SCHOOL HEALTH TEAM</b>							
(1) Number of Teams	80	80	80	80	80	330*	330*
(2) Schools visited (000)	35	38	42	43 (r)	47 (r)	31	-
(3) Children examined (000)	5,332	5,908	4,614	4,785 (r)	4,992 (r)	561	-

Note: \* Organizational set up of the Department of Public Health was restructured on (7.3.2016) to implement Maternal and Reproductive Health, Child Health, Nutrition and School Health activities in all (330) townships. Previously there were (80) School Health Teams in whole country. Now, School Health Teams were reorganized to overwhelm all (330) township according to new structure of Department of Public Health.

Sources: 1. Department of Public Health.  
2. Department of Medical Services.  
3. Department of Traditional Medicine.

**TABLE 2.02 MEDICAL AND HEALTH PERSONNEL**

Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Doctor	18,584	26,435	8,936*	10,479*	17,845*	17,343*	12,371*
Dental Surgeon	1,594	2,562	498*	760*	861*	885*	870*
Health Assistant	1,771	1,883	2,156	2,156	2,500	2,587	2,518
Nurse	19,776	25,644	21,598*	20,881*	20,842*	20,887*	22,340*
Midwife	16,745	19,556	13,811	13,651	14,280*	14,110*	14,305*
Lady Health Visitor	3,025	3,344	2,329	1,897	2,033	2,008	1,974
Public Health Supervisor (I)	529	541	1,098	1,098	775	686	742
Public Health Supervisor (II)	1,359	2,080	11,607	11,607	10,463	10,897	10,628
Indigenous Medical Practitioner	819	890	1,187	1,161	1,135	1,119	1,280
<b>Veterinarian</b>							
(i) Veterinary Doctor	3,872	4,267	5,209	5,209	5,286	5,481	5,737
Government (LBVD)	911	946	1,189	1,267	1,154	1,160	1,130
Private	2,961	3,321	4,020	3,942	4,132	4,321	4,607
(ii) Certified veterinarian	812	766	1,170	1,166	1,164	1,164	1,154

Note: \* Only appointed person at Department of Public Health and Department of Medical Services.

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

**TABLE 2.03 HOSPITALS SERVICE INDICATORS**

Years 2005, 2010, 2014 - 2018, absolute and percentage values

Hospitals Service	2005	2010	2014	2015	2016	2017	2018(P)
Number of hospitals	824	898	975	1,054	1,115	1,122	1,134
Number of sanctioned beds	34,066	40,913	44,133	46,060	53,188	53,622 (r)	54,239
Number of available beds as of 31 <sup>st</sup> December	42,513	45,904	48,737	51,487	55,895	59,283 (r)	61,811
Number of admissions[,000]	1,006	1,340	2,095	2,562	2,754	2,912	2,971
Number of discharges and deaths [,000]	1,003	1,312	2,085	2,550	2,745	2,908	2,966
Number of deaths [,000]	28	30	35	38	42	43	44
Number of patient days [,000]	6,838	7,952	11,254	13,278	13,923	14,414 (r)	14,734
Number of out-patient attendances[,000]	2,755	3,627	7,318	9,301	10,190	10,737 (r)	11,489
Number of deliveries [,000]	119	165	282	349	391	443	468
Number of surgical operations[,000]	225	309	504	585	646	704	766
Percent of bed occupancy based on available beds	44	47	63	71	68	67	65
Percent of bed occupancy based on sanctioned beds	55	53	70	79	72	74	74
Average number of inpatients per day[,000]	19	22	31	36	38	39	40
Average number of outpatients per day[,000]*	10	15	30	38	42	44	47
Average duration of stay [in days]	6.8	6.0	5.4	5.2	5.1	5.0	5.0
Average turnover of patients per bed per year	24	29	43	50	49	49	48
Average turnover interval [in days]	8.6	6.7	3.1	2.2	2.4	2.5	2.6
Hospital death rate	2.8	2.3	1.7	1.5	1.5	1.5	1.5

Note: \* per working days of hospital

Source: Health Management Information System, Department of Public Health.

**TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES**  
Year 2016, 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	Live Births	Still Births	
Specialist Hospitals	32	9,150	9,048	243,613	243,847	3,893	2,306,772	487,363	1,112,498	36,253	734	4,841
General Hospitals	51	18,300	18,390	1,040,450	1,039,287	26,693	5,546,229	1,753,194	3,768,062	116,530	2,714	15,389
150 Bedded Hospitals	2	300	126	5,062	4,967	54	27,811	14,061	24,029	740	21	101
100 Bedded Hospitals	43	4,300	4,634	260,822	260,421	3,172	1,168,947	339,253	626,892	38,793	805	5,204
50 Bedded Hospitals	113	5,650	6,072	339,722	337,328	3,117	1,373,757	510,657	825,831	58,738	1,156	7,993
25 Bedded Hospitals	159	4,000	4,637	284,698	282,731	2,321	1,158,038	696,770	1,105,015	48,251	633	7,261
16 Bedded Hospitals	21	357	421	11,301	11,312	11	33,398	102,017	159,913	2,800	2	436
Station Hospitals	694	11,131	12,567	568,313	565,549	2,380	2,308,276	1,680,133	2,568,003	81,935	1,098	13,080
<b>Total</b>	<b>1,115</b>	<b>53,188</b>	<b>55,895</b>	<b>2,753,981</b>	<b>2,745,442</b>	<b>41,641</b>	<b>13,923,228</b>	<b>5,583,448</b>	<b>10,190,243</b>	<b>384,040</b>	<b>7,163</b>	<b>54,305</b>

**TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES (cont'd)**  
Year 2017, 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	Live Births	Still Births	
Specialist Hospitals	32 (r)	9,150 (r)	9,160 (r)	255,953 (r)	255,727 (r)	4,115	2,335,717 (r)	523,703 (r)	1,254,749 (r)	41,288	839	5,434
General Hospitals	53 (r)	18,700 (r)	20,365 (r)	1,097,472 (r)	1,097,635 (r)	27,057 (r)	5,789,310 (r)	1,948,157 (r)	4,201,256 (r)	131,174 (r)	2,831 (r)	16,464 (r)
150 Bedded Hospitals	2	300	235	4,518	4,536	91	21,893	12,434	20,165	723	5	76
100 Bedded Hospitals	42 (r)	4,200 (r)	4,537 (r)	279,328 (r)	279,396 (r)	3,287 (r)	1,212,566 (r)	375,733 (r)	657,764 (r)	43,535 (r)	766 (r)	5,505 (r)
50 Bedded Hospitals	115	5,750	6,543 (r)	365,505	364,802 (r)	3,342	1,443,289	593,306	935,688	67,897	1,121	8,246
25 Bedded Hospitals	161	4,041	4,917	300,062	299,108	2,188	1,194,077	734,555	1,160,687	54,903	779	7,360
16 Bedded Hospitals	19	304	304	4,716	4,586	1	9,594	54,890	86,834	2,201	5	315
Station Hospitals	698	11,177	13,222	604,323 (r)	602,106 (r)	2,758	2,407,309 (r)	1,603,371 (r)	2,420,263 (r)	93,784 (r)	1,207	13,090 (r)
<b>Total</b>	<b>1,122</b>	<b>53,622 (r)</b>	<b>59,283 (r)</b>	<b>2,911,877 (r)</b>	<b>2,907,896 (r)</b>	<b>42,839</b>	<b>14,413,755 (r)</b>	<b>5,846,149 (r)</b>	<b>10,737,406 (r)</b>	<b>435,505 (r)</b>	<b>7,553 (r)</b>	<b>56,490 (r)</b>

**TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES (cont'd)**  
Year 2018(P), 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	Live Births	Still Births	
Specialist Hospitals	32	9,550	9,710	257,032	256,749	3,879	2,380,958	547,272	1,328,410	40,454	779	5,466
General Hospitals	53	18,700	20,819	1,132,371	1,132,397	28,588	5,952,569	2,074,153	4,583,931	133,803	2,808	17,714
150 Bedded Hospitals	2	300	265	8,538	8,629	192	45,633	11,703	29,316	1,463	62	226
100 Bedded Hospitals	42	4,200	4,968	267,947	267,897	3,255	1,187,410	398,566	760,249	45,056	801	5,374
50 Bedded Hospitals	115	5,750	6,715	368,204	367,416	3,211	1,466,714	600,827	961,725	72,790	1,095	8,240
25 Bedded Hospitals	161	4,057	5,491	302,767	301,857	2,203	1,203,331	754,678	1,212,597	58,750	698	7,130
16 Bedded Hospitals	19	304	304	6,015	6,001	3	11,911	61,197	97,400	2,199	5	298
Station Hospitals	710	11,378	13,539	628,228	625,488	2,744	2,485,103	1,612,663	2,514,877	105,520	1,277	13,206
<b>Total</b>	<b>1,134</b>	<b>54,239</b>	<b>61,811</b>	<b>2,971,102</b>	<b>2,966,434</b>	<b>44,075</b>	<b>14,733,629</b>	<b>6,061,059</b>	<b>11,488,505</b>	<b>460,035</b>	<b>7,525</b>	<b>57,654</b>

**TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES (cont'd)**  
Year 2016, absolute, average 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 turnover of patients per bed per year	Average turnover interval (in days)	Hospital death rate
	General	Spinal	Local	Others								
Specialist Hospitals	18,565	26,018	33,578	6,588	4,597	6,320	9.5	70	69	27	4.1	1.6
General Hospitals	45,603	118,303	52,840	16,167	15,571	15,195	5.3	83	83	57	1.1	2.6
150 Bedded Hospitals	268	219	459	166	99	76	5.6	60	25	39	3.7	1.1
100 Bedded Hospitals	7,237	25,503	6,110	2,868	2,590	3,203	4.5	69	74	56	2.0	1.2
50 Bedded Hospitals	13,497	27,180	23,889	11,884	3,413	3,764	4.1	62	67	56	2.5	0.9
25 Bedded Hospitals	12,758	16,947	34,070	8,451	4,566	3,173	4.1	68	79	61	1.9	0.8
16 Bedded Hospitals	249	96	743	98	661	92	3.0	22	26	27	10.6	0.1
Station Hospitals	21,449	29,214	71,909	12,684	10,612	6,324	4.1	50	57	45	4.0	0.4
<b>Total</b>	<b>119,626</b>	<b>243,480</b>	<b>223,598</b>	<b>58,906</b>	<b>42,109</b>	<b>38,146</b>	<b>5.1</b>	<b>68</b>	<b>72</b>	<b>49</b>	<b>2.4</b>	<b>1.5</b>

**TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES (cont'd)**  
Year 2017, absolute, average 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 turnover of patients per bed per year	Average turnover interval (in days)	Hospital death rate
	General	Spinal	Local	Others								
Specialist Hospitals	18,699	28,434	37,547	7,155	5,185 (r)	6,399 (r)	9.1	70 (r)	70 (r)	28	3.9 (r)	1.6
General Hospitals	49,600 (r)	131,573 (r)	54,351 (r)	19,209 (r)	17,361 (r)	15,861 (r)	5.3	78 (r)	85	54	1.5 (r)	2.5
150 Bedded Hospitals	285	288	362	74	83	60	4.8	26	20	19	14.1	2.0
100 Bedded Hospitals	7,784 (r)	29,609 (r)	7,506 (r)	4,569 (r)	2,718 (r)	3,322 (r)	4.3 (r)	73 (r)	79 (r)	62 (r)	1.6 (r)	1.2
50 Bedded Hospitals	11,944	30,181	27,987	12,116	3,866	3,954	4.0	60 (r)	69	56	2.6	0.9
25 Bedded Hospitals	11,612	18,799	36,481	10,076	4,796	3,271 (r)	4.0	67	81	61	2.0	0.7
16 Bedded Hospitals	-	-	10	-	359	26	2.1	9	9	15	22.1	0.0
Station Hospitals	19,785 (r)	34,251 (r)	79,881 (r)	14,236 (r)	10,001 (r)	6,595 (r)	4.0	50	59	46	4.0	0.5
<b>Total</b>	<b>119,709 (r)</b>	<b>273,135 (r)</b>	<b>244,125 (r)</b>	<b>67,435 (r)</b>	<b>44,369 (r)</b>	<b>39,490 (r)</b>	<b>5.0</b>	<b>67</b>	<b>74</b>	<b>49</b>	<b>2.5</b>	<b>1.5</b>

**TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES (concl'd)**  
Year 2018(P), absolute, average 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 turnover of patients per bed per year	Average turnover interval (in days)	Hospital death rate
	General	Spinal	Local	Others								
Specialist Hospitals	21,251	29,364	44,858	6,180	5,489	6,523	9.3	67	68	26	4.5	1.5
General Hospitals	51,122	143,898	57,146	20,703	18,942	16,308	5.3	78	87	54	1.5	2.5
150 Bedded Hospitals	836	301	441	19	121	125	5.3	47	42	33	5.9	2.2
100 Bedded Hospitals	7,102	31,192	6,884	3,057	3,142	3,253	4.4	65	77	54	2.3	1.2
50 Bedded Hospitals	11,944	36,160	31,886	13,722	3,974	4,018	4.0	60	70	55	2.7	0.9
25 Bedded Hospitals	10,583	23,546	41,366	8,873	5,011	3,297	4.0	60	81	55	2.7	0.7
16 Bedded Hospitals	-	-	633	-	402	33	2.0	11	11	20	16.5	0.0
Station Hospitals	18,289	41,546	87,293	16,019	10,392	6,809	4.0	50	60	46	3.9	0.4
<b>Total</b>	<b>121,127</b>	<b>306,007</b>	<b>270,507</b>	<b>68,573</b>	<b>47,473</b>	<b>40,366</b>	<b>5.0</b>	<b>65</b>	<b>74</b>	<b>48</b>	<b>2.6</b>	<b>1.5</b>

Source: Health Management Information System, Department of Public Health.

**TABLE 2.05 DELIVERIES, LIVE BIRTHS, STILL BIRTHS AND ABORTIONS BY TYPE OF HOSPITALS**  
Years 2014 - 2018, absolute and percentage values

Types of Hospitals	Year	Deliveries	Live Births	Live births as percent of deliveries	Still Births	Still births as percent of deliveries	Abortions	Abortion Rate
Specialist Hospitals	2014	23,705	23,166	97.7	539	2.3	3,713	13.5
	2015	29,133	28,574	98.0	559	1.9	4,079	12.3
	2016	36,987	36,253	98.0	734	2.0	4,841	11.6
	2017	42,127	41,288	98.0	839	2.0	5,434	11.4
	2018(P)	41,233	40,454	98.1	779	1.9	5,466	11.7
General Hospitals	2014	81,262	79,072	97.3	2,190	2.7	11,496	12.4
	2015	102,023	99,557	98.0	2,466	2.4	14,304	12.3
	2016	119,244	116,530	98.0	2,714	2.3	15,389	11.4
	2017	134,005 (r)	131,174 (r)	97.9	2,831 (r)	2.1	16,464 (r)	10.9 (r)
	2018(P)	136,611	133,803	97.9	2,808	2.1	17,714	11.5
150 Bedded Hospitals	2014	2,493	2,446	98.1	47	1.9	455	15.4
	2015	3,074	3,018	98.0	56	1.8	543	15.0
	2016	761	740	97.0	21	2.8	101	11.7
	2017	728	723	99.3	5	0.7	76	9.5
	2018(P)	1,525	1,463	95.9	62	4.1	226	12.9
100 Bedded Hospitals	2014	33,851	32,925	97.3	926	2.7	5,032	12.9
	2015	37,626	36,784	98.0	842	2.2	5,295	12.3
	2016	39,598	38,793	98.0	805	2.0	5,204	11.6
	2017	44,301 (r)	43,535 (r)	98.3	766 (r)	1.7	5,505 (r)	11.1 (r)
	2018(P)	45,857	45,056	98.3	801	1.7	5,374	10.5
50 Bedded Hospitals	2014	25,526	24,853	97.4	673	2.6	4,184	14.1
	2015	31,066	30,363	98.0	703	2.3	4,654	13.0
	2016	59,894	58,738	98.0	1,156	1.9	7,993	11.8
	2017	69,018	67,897	98.4	1,121	1.6	8,246	10.7
	2018(P)	73,885	72,790	98.5	1,095	1.5	8,240	10.0
25 Bedded Hospitals	2014	61,252	59,813	97.7	1,439	2.3	10,323	14.4
	2015	71,281	69,848	98.0	1,433	2.0	10,745	13.1
	2016	48,884	48,251	99.0	633	1.3	7,261	12.9
	2017	55,682	54,903	98.6	779	1.4	7,360	11.7
	2018(P)	59,448	58,750	98.8	698	1.2	7,130	10.7
16 Bedded Hospitals	2014	256	253	98.8	3	1.2	185	41.9
	2015	869	868	99.9	1	0.1	421	32.6
	2016	2802	2800	99.9	2	0.1	436	13.5
	2017	2,206	2,201	99.8	5	0.2	315	12.5
	2018(P)	2,204	2,199	99.8	5	0.2	298	11.9
Station Hospitals	2014	54,114	52,934	97.8	1,180	2.2	10,727	16.5
	2015	74,109	72,975	98.0	1,134	1.5	12,335	14.3
	2016	83,033	81,935	99.0	1,098	1.3	13,080	13.6
	2017	94,991 (r)	93,784 (r)	98.7	1,207	1.3	13,090 (r)	12.1
	2018(P)	106,797	105,520	98.8	1,277	1.2	13,206	11.0
Union	2014	282,459	275,462	97.5	6,997	2.5	46,115	14.0
	2015	349,181	341,987	98.0	7,194	2.1	52,376	13.0
	2016	391,203	384,040	98.0	7,163	1.8	54,305	12.2
	2017	443,058 (r)	435,505 (r)	98.3	7,553 (r)	1.7	56,490 (r)	11.3
	2018(P)	467,560	460,035	98.4	7,525	1.6	57,654	11.0

Source : Health Management Information System,  
Department of Public Health.



**TABLE 2.06 DELIVERIES, LIVE BIRTHS, STILL BIRTHS AND ABORTIONS BY STATES AND REGIONS**  
Years 2014 - 2018, absolute and percentage values

States and Regions	Year	Deliveries	Live Births	Live births as percentage of deliveries	Still Births	Still births as percentage of deliveries	Abortions	Abortion Rate
UNION	2014	282,459	275,462	97.5	6,997	2.5	46,115	14.0
	2015	349,181	341,987	97.9	7,194	2.1	52,376	13.0
	2016	391,203	384,040	98.2	7,163	1.8	54,305	12.2
	2017	443,058 (r)	435,505 (r)	98.3	7,553 (r)	1.7	56,490 (r)	11.3
	2018(P)	467,560	460,035	98.4	7,525	1.6	57,654	11.0
Kachin State	2014	8,581	8,319	96.9	262	3.1	1,721	16.7
	2015	10,981	10,747	97.9	234	2.1	2,116	16.2
	2016	12,120	11,892	98.1	228	1.9	2,147	15.0
	2017	13,005 (r)	12,763 (r)	98.1 (r)	242 (r)	1.9 (r)	2,140 (r)	14.1
	2018(P)	13,881	13,640	98.3	241	1.7	2,353	14.5
Kayah State	2014	2,122	2,075	97.8	47	2.2	448	17.4
	2015	3,101	3,027	97.6	74	2.4	563	15.4
	2016	3,379	3,331	98.6	48	1.4	561	14.2
	2017	3,848	3,803	98.8	45	1.2	554	12.6
	2018(P)	3,795	3,708	97.7	87	2.3	530	12.3
Kayin State	2014	7,070	6,929	98.0	141	2.0	1,522	17.7
	2015	8,744	8,575	98.1	169	1.9	1,829	17.3
	2016	10,142	9,971	98.3	171	1.7	1,871	15.6
	2017	11,004	10,829	98.4	175	1.6	1,880	14.6
	2018(P)	12,003	11,835	98.6	168	1.4	2,003	14.3
Chin State	2014	1,696	1,625	95.8	71	4.2	450	21.0
	2015	2,683	2,620	97.7	63	2.3	598	18.1
	2016	2,941	2,868	97.5	73	2.5	511	14.8
	2017	3,584	3,484	97.2	100	2.8	678	15.9
	2018(P)	3,729	3,654	98.0	75	2.0	686	15.5
Sagaing Region	2014	30,939	30,222	97.7	717	2.3	4,277	12.1
	2015	38,158	37,412	98.0	746	2.0	4,548	10.6
	2016	41,498	40,911	98.6	587	1.4	4,629	10.0
	2017	47,790	47,142	98.6	648	1.4	5,240	9.9
	2018(P)	52,308	51,503	98.5	805	1.5	5,031	8.8
Taninthayi Region	2014	7,652	7,492	97.9	160	2.1	1,113	12.7
	2015	9,464	9,237	97.6	227	2.4	1,248	11.7
	2016	9,855	9,670	98.1	185	1.9	1,264	11.4
	2017	11,528	11,286	97.9	242	2.1	1,371	10.6
	2018(P)	11,720	11,482	98.0	238	2.0	1,425	10.8
Bago Region	2014	27,148	26,468	97.5	680	2.5	4,383	13.9
	2015	33,388	32,730	98.0	658	2.0	4,735	12.4
	2016	36,967	36,184	97.9	783	2.1	5,270	12.5
	2017	40,775	40,091	98.3	684	1.7	5,266	11.4
	2018(P)	44,633	43,911	98.4	722	1.6	5,456	10.9
Magway Region	2014	20,076	19,520	97.2	556	2.8	2,932	12.7
	2015	28,885	28,305	98.0	580	2.0	3,974	12.1
	2016	33,946	33,384	98.3	562	1.7	3,953	10.4
	2017	39,081 (r)	38,441 (r)	98.4	640	1.6	4,318 (r)	9.9
	2018(P)	39,700	39,165	98.7	535	1.3	4,113	9.4

**TABLE 2.06 DELIVERIES, LIVE BIRTHS, STILL BIRTHS AND ABORTIONS BY STATES AND REGIONS (concl'd)**  
Years 2014 - 2018, absolute and percentage values

States and Regions	Year	Deliveries	Live Births	Live births as percentage of deliveries	Still Births	Still births as percentage of deliveries	Abortions	Abortion Rate
Mandalay Region	2014	33,987	33,114	97.4	873	2.6	5,601	14.1
	2015	42,051	41,189	98.0	862	2.0	6,004	12.5
	2016	47,115	46,193	98.0	922	2.0	6,372	11.9
	2017	54,057	53,139	98.3	918	1.7	6,908	11.3
	2018(P)	59,119	58,092	98.3	1,027	1.7	6,972	10.5
Mon State	2014	11,568	11,318	97.8	250	2.2	1,454	11.2
	2015	12,885	12,645	98.1	240	1.9	1,569	10.9
	2016	13,535	13,300	98.3	235	1.7	1,437	9.6
	2017	16,456	16,201	98.5	255	1.5	1,730	9.5
	2018(P)	18,032	17,757	98.5	275	1.5	1,838	9.3
Rakhine State	2014	9,557	9,125	95.5	432	4.5	2,024	17.5
	2015	13,334	12,831	96.2	503	3.8	2,653	16.6
	2016	14,416	13,950	96.8	466	3.2	2,612	15.3
	2017	16,357 (r)	15,852 (r)	96.9	505	3.1	2,469 (r)	13.1
	2018(P)	18,323	17,825	97.3	498	2.7	2,546	12.2
Yangon Region	2014	54,750	53,784	98.2	966	1.8	9,057	14.2
	2015	65,964	64,861	98.3	1,103	1.7	11,004	14.3
	2016	74,332	73,113	98.4	1,219	1.6	11,779	13.7
	2017	80,764	79,502	98.4	1,262	1.6	11,449	12.4
	2018(P)	80,841	79,740	98.6	1,101	1.4	12,164	13.1
Shan State(East)	2014	4,164	4,045	97.1	119	2.9	610	12.8
	2015	4,620	4,516	97.7	104	2.3	524	10.2
	2016	4,577	4,504	98.4	73	1.6	451	9.0
	2017	5,196	5,105	98.2	91	1.8	456	8.1
	2018(P)	5,589	5,491	98.2	98	1.8	473	7.8
Shan State(North)	2014	13,314	13,000	97.6	314	2.4	1,887	12.4
	2015	13,459	13,164	97.8	295	2.2	2,178	13.9
	2016	17,013	16,679	98.0	334	2.0	2,403	12.4
	2017	17,656	17,396	98.5	260	1.5	2,137	10.8
	2018(P)	18,531	18,228	98.4	303	1.6	2,146	10.4
Shan State(South)	2014	11,126	10,797	97.0	329	3.0	1,961	15.0
	2015	14,443	14,145	97.9	298	2.1	2,120	12.8
	2016	16,231	15,921	98.1	310	1.9	2,272	12.3
	2017	18,396	17,993	97.8	403	2.2	2,035	10.0
	2018(P)	17,837	17,530	98.3	307	1.7	1,975	10.0
Ayeyawady Region	2014	32,448	31,492	97.1	956	2.9	5,550	14.6
	2015	39,943	39,063	97.8	880	2.2	5,488	12.1
	2016	43,849	43,029	98.1	820	1.9	5,560	11.3
	2017	52,962	52,036	98.3	926	1.7	6,382	10.8
	2018(P)	55,010	54,153	98.4	857	1.6	6,327	10.3
Nay Pyi Taw	2014	6,261	6,137	98.0	124	2.0	1,125	15.2
	2015	7,078	6,920	97.8	158	2.2	1,225	14.8
	2016	9,287	9,140	98.4	147	1.6	1,213	11.6
	2017	10,599	10,442	98.5	157	1.5	1,477	12.2
	2018(P)	12,509	12,321	98.5	188	1.5	1,616	11.4

Source: Health Management Information System,  
Department of Public Health.

**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES**  
Year 2016, 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
<b>Union</b>	<b>1,115</b>	<b>53,188</b>	<b>55,895</b>	<b>2,753,981</b>	<b>2,745,442</b>	<b>13,923,228</b>	<b>41,641</b>	<b>1.5</b>	<b>10,190,243</b>
Kachin State	55	2,096	2,299	87,644	87,187	466,635	1,267	1.5	452,302
Kayah State	18	860	586	24,380	24,429	128,665	259	1.1	155,477
Kayin State	34	1,111	1,306	76,942	76,861	306,129	748	1.0	310,372
Chin State	28	1,079	1,072	27,616	27,420	139,212	218	0.8	172,836
Sagaing Region	132	4,315	4,762	263,916	263,236	1,178,949	1,935	0.7	961,634
Taninthayi Region	38	1,207	1,294	85,010	84,578	381,398	884	1.0	257,898
Bago Region	109	3,614	3,986	261,027	260,568	1,089,473	2,302	0.9	681,703
Magway Region	100	3,129	3,736	216,998	215,690	965,099	2,148	1.0	513,948
Mandalay Region	108	8,351	8,456	378,694	377,802	2,074,608	4,220	1.1	1,232,132
Mon State	42	1,480	1,553	110,439	110,532	459,477	1,009	0.9	247,927
Rakhine State	63	2,195	2,079	97,190	96,506	411,370	2,199	2.3	250,712
Yangon Region	85	11,610	12,260	527,308	525,851	3,537,276	16,656	3.2	2,516,767
Shan State	159	5,689	5,717	234,700	233,742	1,093,483	3,150	1.3	1,242,365
Ayeyawady Region	121	3,915	4,675	280,928	279,836	1,280,870	3,371	1.2	682,435
Nay Pyi Taw	23	2,537	2,114	81,189	81,204	410,584	1,275	1.6	511,735

**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)**  
Year 2017, 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
<b>Union</b>	<b>1,122</b>	<b>53,622 (r)</b>	<b>59,283 (r)</b>	<b>2,911,877 (r)</b>	<b>2,907,896 (r)</b>	<b>14,413,755 (r)</b>	<b>42,839</b>	<b>1.5</b>	<b>10,737,406 (r)</b>
Kachin State	57 (r)	2,119 (r)	2,341 (r)	96,435 (r)	96,160 (r)	486,738 (r)	1,404	1.5	468,869 (r)
Kayah State	18	860	675 (r)	28,427	28,314	139,256	253	0.9	169,229
Kayin State	34	1,111	1,272	83,068	82,963	315,635	775	0.9	292,119
Chin State	28	1,079	1,122 (r)	30,057	30,118	145,364	260	0.9	172,095
Sagaing Region	135	4,363	4,824 (r)	268,944	268,544	1,222,666	2,092	0.8	994,549
Taninthayi Region	39	1,223	1,361	85,478	85,265	361,577	977	1.1	240,334
Bago Region	110	3,630	4,439	273,349	272,900	1,126,006	2,386	0.9	758,232
Magway Region	101 (r)	3,145 (r)	4,009 (r)	222,852 (r)	222,472 (r)	972,254 (r)	1,966	0.9	536,970 (r)
Mandalay Region	108	8,451 (r)	9,038 (r)	382,198	381,774 (r)	2,080,106	4,304	1.1	1,417,439
Mon State	42	1,480	1,637	119,016	119,030	469,179	1,078	0.9	310,870
Rakhine State	62 (r)	2,179 (r)	2,136 (r)	111,097 (r)	110,760 (r)	456,121 (r)	2,429	2.2	230,391 (r)
Yangon Region	85	11,785	12,937 (r)	556,995	556,553 (r)	3,649,593	16,666	3.0	2,694,655
Shan State	160	5,727	6,089	251,063	250,553	1,156,257	3,475	1.4	1,283,454
Ayeyawady Region	120 (r)	3,933 (r)	5,277 (r)	324,090 (r)	323,678 (r)	1,411,619 (r)	3,434	1.1	650,780
Nay Pyi Taw	23	2,537	2,126	78,808	78,812	421,384	1,340	1.7	517,420

**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)**  
Year 2018(P), 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
<b>Union</b>	<b>1,134</b>	<b>54,239</b>	<b>61,811</b>	<b>2,971,102</b>	<b>2,966,434</b>	<b>14,733,629</b>	<b>44,075</b>	<b>1.5</b>	<b>11,488,505</b>
Kachin State	59	2,151	2,558	91,759	91,610	454,980	1,236	1.3	466,710
Kayah State	18	851	724	26,205	26,227	132,993	241	0.9	154,053
Kayin State	35	1,127	1,430	84,954	84,786	338,336	767	0.9	311,428
Chin State	28	1,079	1,097	29,484	29,503	149,157	273	0.9	166,626
Sagaing Region	137	4,395	5,278	279,332	279,023	1,225,421	2,167	0.8	1,092,308
Taninthayi Region	39	1,223	1,481	88,341	88,341	361,347	1,230	1.4	241,916
Bago Region	110	3,630	4,339	285,865	285,720	1,198,566	2,382	0.8	782,710
Magway Region	102	3,170	4,136	229,204	228,697	986,405	1,799	0.8	558,603
Mandalay Region	110	8,483	9,052	403,232	402,555	2,168,696	4,502	1.1	1,559,125
Mon State	42	1,480	2,092	125,459	125,244	494,814	1,155	0.9	373,871
Rakhine State	64	2,236	2,357	109,659	109,502	451,399	2,438	2.2	230,050
Yangon Region	85	11,785	13,556	562,682	561,483	3,742,099	17,346	3.1	2,962,711
Shan State	161	5,743	6,180	237,579	237,230	1,114,425	3,534	1.5	1,316,115
Ayeyawady Region	121	3,949	5,351	332,569	331,908	1,449,516	3,439	1.0	679,174
Nay Pyi Taw	23	2,937	2,180	84,778	84,605	465,475	1,566	1.9	593,105

**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)**  
Year 2016, absolute values

States and Regions	Number of live births	Number of Still births	Number of Abortions	Surgical Operations			
				General Anaesthesia	Spinal Anaesthesia	Local Anaesthesia	Others
<b>Union</b>	<b>384,040</b>	<b>7,163</b>	<b>54,305</b>	<b>119,626</b>	<b>243,480</b>	<b>223,598</b>	<b>58,906</b>
Kachin State	11,892	228	2,147	3,079	6,601	7,862	2,318
Kayah State	3,331	48	561	870	2,278	1,718	648
Kayin State	9,971	171	1,871	2,495	4,320	8,034	966
Chin State	2,868	73	511	1,347	2,500	1,440	378
Sagaing Region	40,911	587	4,629	11,426	22,914	18,547	6,104
Taninthayi Region	9,670	185	1,264	2,934	5,662	6,082	684
Bago Region	36,184	783	5,270	9,524	21,480	19,375	3,853
Magway Region	33,384	562	3,953	7,202	21,698	16,576	3,511
Mandalay Region	46,193	922	6,372	24,117	36,227	27,716	11,351
Mon State	13,300	235	1,437	2,963	6,425	7,617	3,077
Rakhine State	13,950	466	2,612	2,877	7,196	6,692	1,728
Yangon Region	73,113	1,219	11,779	28,387	54,008	52,829	11,922
Shan State	37,104	717	5,126	9,296	17,228	22,381	7,399
Ayeyawady Region	43,029	820	5,560	9,170	27,901	18,306	4,118
Nay Pyi Taw	9,140	147	1,213	3,939	7,042	8,423	849

**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)**  
Year 2017, absolute values

States and Regions	Number of live births	Number of Still births	Number of Abortions	Surgical Operations			
				General Anaesthesia	Spinal Anaesthesia	Local Anaesthesia	Others
<b>Union</b>	<b>435,505 (r)</b>	<b>7,553 (r)</b>	<b>56,490 (r)</b>	<b>119,709 (r)</b>	<b>273,135 (r)</b>	<b>244,125 (r)</b>	<b>67,435 (r)</b>
Kachin State	12,763 (r)	242 (r)	2,140 (r)	2,787 (r)	7,202 (r)	7,634 (r)	2,621 (r)
Kayah State	3,803	45	554	1,041	2,489	2,108	737
Kayin State	10,829	175	1,880	1,974	4,277	9,318	1,681
Chin State	3,484	100	678	1,531	3,424	2,099	543
Sagaing Region	47,142	648	5,240	11,173	26,472	22,600	8,374
Taninthayi Region	11,286	242	1,371	2,583	5,891	6,432	973
Bago Region	40,091	684	5,266	8,660	22,794	18,535	4,409
Magway Region	38,441 (r)	640	4,318 (r)	7,959 (r)	24,522 (r)	17,232 (r)	4,470 (r)
Mandalay Region	53,139	918	6,908	23,353	40,061	32,948	11,673
Mon State	16,201	255	1,730	3,105	7,798	7,397	1,710
Rakhine State	15,852 (r)	505	2,469 (r)	3,088 (r)	9,011 (r)	6,708 (r)	1,519 (r)
Yangon Region	79,502	1,262	11,449	28,535	58,908	54,507	13,649
Shan State	40,494	754	4,628	9,527	17,932	25,941	8,203
Ayeyawady Region	52,036	926	6,382	9,405	33,401	22,418	5,639
Nay Pyi Taw	10,442	157	1,477	4,988	8,953	8,248	1,234

**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)**  
Year 2018(P), absolute values

States and Regions	Number of live births	Number of Still births	Number of Abortions	Surgical Operations			
				General Anaesthesia	Spinal Anaesthesia	Local Anaesthesia	Others
<b>Union</b>	<b>460,035</b>	<b>7,525</b>	<b>57,654</b>	<b>121,127</b>	<b>306,007</b>	<b>270,507</b>	<b>68,573</b>
Kachin State	13,640	241	2,353	3,071	8,372	8,465	2,608
Kayah State	3,708	87	530	913	2,758	1,923	637
Kayin State	11,835	168	2,003	1,574	5,041	9,755	1,458
Chin State	3,654	75	686	1,193	3,246	2,144	558
Sagaing Region	51,503	805	5,031	11,350	34,978	25,627	9,557
Taninthayi Region	11,482	238	1,425	2,197	5,675	6,499	877
Bago Region	43,911	722	5,456	7,886	26,958	19,786	4,776
Magway Region	39,165	535	4,113	7,610	25,976	18,221	3,842
Mandalay Region	58,092	1,027	6,972	23,911	46,922	36,633	12,327
Mon State	17,757	275	1,838	3,443	9,280	8,292	1,594
Rakhine State	17,825	498	2,546	2,888	10,850	7,969	1,444
Yangon Region	79,740	1,101	12,164	30,697	63,558	62,378	14,898
Shan State	41,249	708	4,594	10,351	17,265	30,056	7,252
Ayeyawady Region	54,153	857	6,327	9,006	35,266	23,094	5,282
Nay Pyi Taw	12,321	188	1,616	5,037	9,862	9,665	1,463



**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)**  
Year 2016, absolute, average 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 turnover of patients per bed per year	Average turnover interval (in days)
<b>Union</b>	<b>645,610</b>	<b>42,109</b>	<b>38,146</b>	<b>5.1</b>	<b>68</b>	<b>72</b>	<b>49</b>	<b>2.4</b>
Kachin State	19,860	1,869	1,278	5.4	56	61	38	4.3
Kayah State	5,514	642	353	5.3	60	41	42	3.5
Kayin State	15,815	1,283	839	4.0	64	75	59	2.2
Chin State	5,665	714	381	5.1	36	35	26	9.2
Sagaing Region	58,991	3,974	3,230	4.5	68	75	55	2.1
Taninthayi Region	15,362	1,066	1,045	4.5	81	87	65	1.1
Bago Region	54,232	2,817	2,985	4.2	75	83	65	1.4
Magway Region	48,987	2,124	2,644	4.5	71	85	58	1.8
Mandalay Region	99,411	5,091	5,684	5.5	67	68	45	2.7
Mon State	20,082	1,024	1,259	4.2	81	85	71	1.0
Rakhine State	18,493	1,036	1,127	4.3	54	51	46	3.6
Yangon Region	147,146	10,400	9,691	6.7	79	83	43	1.8
Shan State	56,304	5,134	2,996	13.8	151	153	119	14.0
Ayeyawady Region	59,495	2,820	3,509	4.6	75	90	60	1.5
Nay Pyi Taw	20,253	2,115	1,125	5.1	53	44	38	4.4

**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)**  
Year 2017, absolute, average 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 turnover of patients per bed per year	Average turnover interval (in days)
Union	704,404 (r)	44,369 (r)	39,490 (r)	5.0	67	74	49	2.5
Kachin State	20,244 (r)	1,937 (r)	1,334 (r)	5.1	57	63	41	3.8
Kayah State	6,375	699	382 (r)	4.9	57	44	42	3.8
Kayin State	17,250	1,207	865	3.8	68	78	65	1.8
Chin State	7,597	711	398	4.8	35	37	27	8.8 (r)
Sagaing Region	68,619	4,110	3,350	4.6	69 (r)	77	56	2.0
Taninthayi Region	15,879	993	991	4.2	73	81	63	1.6
Bago Region	54,398	3,133	3,085	4.1	69	85	61	1.8
Magway Region	54,183 (r)	2,219 (r)	2,664 (r)	4.4	66	85	55	2.2
Mandalay Region	108,035	5,857	5,699	5.4	63	67 (r)	42	3.2
Mon State	20,010	1,285	1,285	3.9	79	87	73	1.1
Rakhine State	20,326 (r)	952 (r)	1,250 (r)	4.1	59 (r)	57	52	2.9
Yangon Region	155,599	11,135	9,999	6.6	77	85	43	1.9
Shan State	61,603	5,304	3,168	4.6	52	55	41	4.3
Ayeyawady Region	70,863	2,689	3,867 (r)	4.4	73	98	61	1.6
Nay Pyi Taw	23,423	2,138	1,154	5.3	54	46	37	4.5

**TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (concl'd)**  
Year 2018(P), absolute, average 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 turnover of patients per bed per year	Average turnover interval (in days)
Union	766,214	47,473	40,366	5.0	65	74	48	2.6
Kachin State	22,516	1,929	1,247	5.0	49	58	36	5.2
Kayah State	6,231	637	364	5.1	50	43	36	5.0
Kayin State	17,828	1,287	927	4.0	65	82	59	2.2
Chin State	7,141	689	409	5.1	37	38	27	8.5
Sagaing Region	81,512	4,514	3,357	4.4	64	76	53	2.5
Taninthayi Region	15,248	1,000	990	4.1	67	81	60	2.0
Bago Region	59,406	3,234	3,284	4.2	76	90	66	1.3
Magway Region	55,649	2,308	2,702	4.3	65	85	55	2.3
Mandalay Region	119,793	6,443	5,942	5.4	66	70	44	2.8
Mon State	22,609	1,545	1,356	4.0	65	92	60	2.1
Rakhine State	23,151	951	1,237	4.1	52	55	46	3.7
Yangon Region	171,531	12,243	10,252	6.7	76	87	41	2.1
Shan State	64,924	5,438	3,053	4.7	49	53	38	4.8
Ayeyawady Region	72,648	2,807	3,971	4.4	74	101	62	1.5
Nay Pyi Taw	26,027	2,451	1,275	5.5	58	43	39	3.9

Source: Health Management Information System,  
Department of Public Health.

**TABLE 2.08 PUBLIC HOSPITALS**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Year	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	2015-2016	32	10,700	93	22,900	273	9,503	725	11,600	1,123	54,703
	2016-2017	32	10,700	93	23,000	272	9,512	727	11,632	1,124	54,844
	2017-2018	33	10,750	93	23,000	273	9,512	735	11,760	1,134	55,022
	2018(Apr-Sep)	33	10,750	93	23,000	273	9,587	735	11,760	1,134	55,097
	2018-2019	33	10,750	93	23,000	274	9,612	751	12,016	1,151	55,378
Kachin State	2015-2016	2	125	4	900	18	575	34	544	58	2,144
	2016-2017	2	125	4	900	18	575	34	544	58	2,144
	2017-2018	2	125	4	900	18	575	34	544	58	2,144
	2018(Apr-Sep)	2	125	4	900	18	575	34	544	58	2,144
	2018-2019	2	125	4	900	18	575	34	544	58	2,144
Kayah State	2015-2016	-	-	1	500	6	175	10	160	17	835
	2016-2017	-	-	1	500	6	175	10	160	17	835
	2017-2018	-	-	1	500	6	175	10	160	17	835
	2018(Apr-Sep)	-	-	1	500	6	175	10	160	17	835
	2018-2019	-	-	1	500	6	175	10	160	17	835
Kayin State	2015-2016	-	-	4	500	9	275	24	384	37	1,159
	2016-2017	-	-	4	500	9	275	24	384	37	1,159
	2017-2018	-	-	4	500	9	275	24	384	37	1,159
	2018(Apr-Sep)	-	-	4	500	9	275	24	384	37	1,159
	2018-2019	-	-	4	500	9	275	24	384	37	1,159
Chin State	2015-2016	-	-	4	600	5	175	19	304	28	1,079
	2016-2017	-	-	4	600	5	175	20	320	29	1,095
	2017-2018	-	-	4	600	5	175	20	320	29	1,095
	2018(Apr-Sep)	-	-	4	600	5	225	20	320	29	1,145
	2018-2019	-	-	4	600	5	225	20	320	29	1,145
Sagaing Region	2015-2016	-	-	10	1,800	30	1,025	94	1,504	134	4,329
	2016-2017	-	-	10	1,800	30	1,025	94	1,504	134	4,329
	2017-2018	-	-	10	1,800	30	1,025	99	1,584	139	4,409
	2018(Apr-Sep)	-	-	10	1,800	30	1,025	99	1,584	139	4,409
	2018-2019	-	-	10	1,800	30	1,025	103	1,648	143	4,473
Taninthayi Region	2015-2016	-	-	3	500	8	275	27	432	38	1,207
	2016-2017	-	-	3	500	8	275	27	432	38	1,207
	2017-2018	-	-	3	500	8	275	27	432	38	1,207
	2018(Apr-Sep)	-	-	3	500	8	275	27	432	38	1,207
	2018-2019	-	-	3	500	8	275	28	448	39	1,223
Bago Region	2015-2016	-	-	6	1,500	23	825	80	1,280	109	3,605
	2016-2017	-	-	6	1,500	23	825	80	1,280	109	3,605
	2017-2018	-	-	6	1,500	23	825	80	1,280	109	3,605
	2018(Apr-Sep)	-	-	6	1,500	23	825	80	1,280	109	3,605
	2018-2019	-	-	6	1,500	24	850	82	1,312	112	3,662

**TABLE 2.08 PUBLIC HOSPITALS (concl'd)**  
Years 2015/2016 - 2018/2019, absolute values

States and Regions	Year	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
Magway Region	2015-2016	-	-	7	1,100	22	750	67	1,072	96	2,922
	2016-2017	-	-	7	1,100	22	750	67	1,072	96	2,922
	2017-2018	-	-	7	1,100	22	750	69	1,104	98	2,954
	2018(Apr-Sep)	-	-	7	1,100	22	750	69	1,104	98	2,954
	2018-2019	-	-	7	1,100	22	750	69	1,104	98	2,954
Mandalay Region	2015-2016	11	3,225	9	3,000	23	975	65	1,040	108	8,240
	2016-2017	11	3,225	9	3,000	23	975	65	1,040	108	8,240
	2017-2018	11	3,225	9	3,000	24	1,000	64	1,024	108	8,249
	2018(Apr-Sep)	11	3,225	9	3,000	24	1,000	64	1,024	108	8,249
	2018-2019	11	3,225	9	3,000	24	1,000	65	1,040	109	8,265
Mon State	2015-2016	1	200	3	700	8	291	29	464	41	1,655
	2016-2017	1	200	3	700	8	291	29	464	41	1,655
	2017-2018	1	200	3	700	8	291	29	464	41	1,655
	2018(Apr-Sep)	1	200	3	700	8	291	29	464	41	1,655
	2018-2019	1	200	3	700	8	291	29	464	41	1,655
Rakhine State	2015-2016	-	-	6	1,000	12	475	46	736	64	2,211
	2016-2017	-	-	6	1,100	12	500	46	736	64	2,336
	2017-2018	-	-	6	1,100	12	500	47	752	65	2,352
	2018(Apr-Sep)	-	-	6	1,100	12	500	47	752	65	2,352
	2018-2019	-	-	6	1,100	12	500	53	848	71	2,448
Yangon Region	2015-2016	14	5,150	10	4,900	26	857	33	528	83	11,435
	2016-2017	14	5,150	10	4,900	26	857	33	528	83	11,435
	2017-2018	14	5,150	10	4,900	26	857	33	528	83	11,435
	2018(Apr-Sep)	14	5,150	10	4,900	26	882	33	528	83	11,460
	2018-2019	14	5,150	10	4,900	26	882	33	528	83	11,460
Shan State	2015-2016	-	-	13	2,500	54	1,705	95	1,520	162	5,725
	2016-2017	-	-	13	2,500	53	1,689	96	1,536	162	5,725
	2017-2018	-	-	13	2,500	54	1,714	97	1,552	164	5,766
	2018(Apr-Sep)	-	-	13	2,500	54	1,714	97	1,552	164	5,766
	2018-2019	-	-	13	2,500	54	1,714	97	1,552	164	5,766
Ayeyawady Region	2015-2016	-	-	8	1,700	22	800	95	1,520	125	4,020
	2016-2017	-	-	8	1,700	22	800	95	1,520	125	4,020
	2017-2018	-	-	8	1,700	22	800	95	1,520	125	4,020
	2018(Apr-Sep)	-	-	8	1,700	22	800	95	1,520	125	4,020
	2018-2019	-	-	8	1,700	22	800	97	1,552	127	4,052
Nay Pyi Taw	2015-2016	4	2,000	5	1,700	7	325	7	112	23	4,137
	2016-2017	4	2,000	5	1,700	7	325	7	112	23	4,137
	2017-2018	5	2,050	5	1,700	6	275	7	112	23	4,137
	2018(Apr-Sep)	5	2,050	5	1,700	6	275	7	112	23	4,137
	2018-2019	5	2,050	5	1,700	6	275	7	112	23	4,137

Source : Department of Medical Services.

**TABLE 2.09 PRIMARY HEALTH CARE AND BASIC HEALTH SERVICES**  
Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Rural Health Services</b>							
1. Rural Health Centres	1,456	1,558	1,778	1,778	1,796	1,796	1,849
2. Health Assistants	1,771	1,883	2,156	2,156	2,500	2,587	2,518
3. Health Supervisor I	330	330	1,098	1,098	775	686	742
4. Lady Health Visitors	1,205	1,257	1,858	1,997	2,033	2,008	1,974
5. Midwives	7,388	8,090	11,237	13,667	14,175	14,015	14,216
6. Health Supervisor II	1,155	1,557	11,607	11,607	10,463	10,897	10,628
<b>Maternal &amp; Child Health Centres</b>							
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	140	140	140	140
4. Lady Health Visitors	307	307	307	307	307	307	307
5. Midwives	815	815	815	815	815	815	815
6. Health Supervisor II	104	104	104	104	104	104	104
<b>Urban Health Centres</b>							
1. Primary & Secondary Health Center	86	86	93	93	93	93	93
2. Doctors	191	191	144	139	147	147	147
3. Dental Surgeons	49	49	25	34	25	25	25
4. Lady Health Visitors	157	157	301	457	304	304	304
5. Nurses	195	195	519	691	525	525	525
6. Midwives	335	335	1,352	1,567	1,367	1,367	1,367
<b>School Health Services*</b>							
1. School Health Teams	80	80	80	80	80	330	330
2. Doctors	98	98	98	98 (r)	80	91 (r)	92
3. Dental Surgeons	59	59	59	59 (r)	80	157 (r)	157
4. Dental Nurses	36	36	36	36 (r)	80	2 (r)	2

Note: \* In 330 townships, townships medical officer is the leader of school health team and medical officer (mother and child health, school health, nutrition) or focal person are performing school health services. Dental surgeons and dental nurses participate in the school health activities and so they are included in the list. Source: Department of Public Health.

**TABLE 2.10 PRIVATE MEDICAL AND HEALTH FACILITIES AND HEALTH PERSONNEL**  
Years 2015 - 2019, absolute values

States and Regions	Hospitals					Beds				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
<b>Union</b>	<b>182</b>	<b>212</b>	<b>215</b>	<b>224</b>	<b>253</b>	<b>5,341</b>	<b>8,421</b>	<b>9,198</b>	<b>10,339</b>	<b>11,718</b>
Kachin State	10	13	13	12	12	160	298	298	289	289
Kayah State	-	-	-	-	-	-	-	-	-	-
Kayin State	3	3	3	2	3	48	48	48	32	48
Chin State	-	-	-	-	1	-	-	-	-	25
Sagaing Region	22	26	26	25	27	531	698	698	580	696
Taninthayi Region	6	9	9	8	8	164	465	465	420	400
Bago Region	14	16	16	18	21	285	681	681	623	667
Magway Region	4	5	5	5	4	64	150	150	107	100
Mandalay Region	35	39	38	45	49	952	1,321	1,296	2,083	2,653
Mon State	7	10	10	12	16	112	379	379	490	579
Rakhine State	1	1	1	1	1	16	25	25	25	25
Yangon Region	48	52	53	54	62	2,313	2,907	3,632	4,017	4,391
Shan State	19	22	22	22	23	304	615	615	722	749
Ayeyawady Region	5	7	9	10	11	80	174	235	316	381
Nay Pyi Taw	8	9	10	10	15	312	660	676	635	715

**TABLE 2.10 PRIVATE MEDICAL AND HEALTH FACILITIES AND HEALTH PERSONNEL**  
Years 2015 - 2019, absolute values(concl'd)

States and Regions	Doctors					Nurses				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
<b>Union</b>	<b>4,508</b>	<b>5,108</b>	<b>5,226</b>	<b>5,722</b>	<b>5,528</b>	<b>2,631</b>	<b>3,028</b>	<b>3,019</b>	<b>3,347</b>	<b>3,731</b>
Kachin State	87	100	110	126	86	75	90	99	112	91
Kayah State	-	-	-	-	-	-	-	-	-	-
Kayin State	28	16	16	12	29	35	15	15	11	45
Chin State	-	-	-	-	5	-	-	-	-	9
Sagaing Region	220	360	373	368	186	133	245	258	241	377
Taninthayi Region	70	120	127	109	131	84	52	52	62	122
Bago Region	314	300	311	321	284	173	145	153	175	204
Magway Region	100	60	68	65	71	77	62	68	78	73
Mandalay Region	821	1,020	1,044	1,232	1,109	618	660	676	768	530
Mon State	117	150	152	183	198	78	95	104	128	127
Rakhine State	7	15	12	12	7	11	10	11	15	8
Yangon Region	2,327	2,450	2,465	2,654	2,622	1,140	1,130	1,138	1,283	1,612
Shan State	175	260	273	281	365	54	262	172	183	212
Ayeyawady Region	53	82	87	93	151	31	42	44	59	125
Nay Pyi Taw	189	175	188	266	284	122	220	229	232	196

Source: Department of Medical Services.

**TABLE 2.11 NUMBER OF PRIVATE HEALTH GENERAL CLINICS AND DENTAL CLINICS**  
Years 2015 - 2019, absolute values

States and Regions	No. of General Clinics					No. of Dental Clinics				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
<b>Union</b>	<b>3,911</b>	<b>3,554</b>	<b>3,759</b>	<b>4,900</b>	<b>6,664</b>	<b>776</b>	<b>755</b>	<b>780</b>	<b>792</b>	<b>726</b>
Kachin State	82	123	106	60	75	20	13	14	14	18
Kayah State	13	13	11	19	14	-	-	3	2	5
Kayin State	61	23	96	100	90	10	2	5	5	14
Chin State	4	-	-	7	3	1	-	-	-	1
Sagaing Region	156	69	193	67	128	28	7	9	12	36
Taninthayi Region	47	37	79	89	98	8	4	6	5	13
Bago Region	249	202	139	254	423	31	21	22	22	68
Magway Region	39	44	51	39	127	4	5	6	7	15
Mandalay Region	423	347	1,233	846	1,016	63	60	61	65	154
Mon State	234	234	192	353	269	31	31	32	30	30
Rakhine State	52	15	62	16	20	4	2	2	2	2
Yangon Region	2,154	2,164	1,165	2,666	3,749	533	563	567	570	293
Shan State	109	159	180	211	166	4	29	32	30	29
Ayeyawady Region	234	75	197	141	346	31	9	10	15	24
Nay Pyi Taw	54	49	55	32	140	8	9	11	13	24

Source: Department of Medical Services.



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

<b>Responsible Unit (Service or Structure)</b>	Health Management Information System, Department of Public Health
<b>Level of Disaggregation</b>	Union, Sex
<b>Study Variables</b>	Number and percentage of single leading causes of morbidity and mortality by sex
<b>Classification Variables</b>	Yearly single leading causes
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Causes of morbidity and mortality in public hospitals
<b>Tables</b>	2.12, 2.13

**TABLE 2.12 LEADING CAUSES OF MORBIDITY, PUBLIC HOSPITALS**  
Year 2016, absolute and percentage values

ICD-10 Detail List	Single leading causes of morbidity	Male		Female		Total	
		Number	%	Number	%	Number	%
	<b>Total</b>	<b>1,215,561</b>	<b>100.0</b>	<b>1,529,881</b>	<b>100.0</b>	<b>2,745,442</b>	<b>100.0</b>
O80	Single spontaneous delivery*	0	0.0	203,757	13.3	203,757	7.4
A09	Diarrhoea and gastroenteritis of presumed infectious origin	76,342	6.3	67,710	4.4	144,052	5.2
B34	Viral infection of unspecified site	69,409	5.7	65,607	4.3	135,016	4.9
O82	Single delivery by caesarean section	0	0.0	133,068	8.7	133,068	4.8
S09	Other and unspecified injuries of head	70,360	5.8	28,450	1.9	98,810	3.6
K29	Gastritis and duodenitis	38,641	3.2	43,213	2.8	81,854	3.0
J06	Acute upper respiratory infections of multiple and unspecified sites	35,454	2.9	28,596	1.9	64,050	2.3
J18	Pneumonia, organism unspecified	26,860	2.2	21,619	1.4	48,479	1.8
O06	Unspecified abortion	0	0.0	44,308	2.9	44,308	1.6
F10	Mental and behavioural disorders due to use of alcohol	41,533	3.4	1,090	0.1	42,623	1.6
P59	Neonatal jaundice from other and unspecified causes	20,574	1.7	18,206	1.2	38,780	1.4
I10	Essential (primary)hypertension	15,183	1.2	21,787	1.4	36,970	1.3
H26	Other cataract	13,278	1.1	21,768	1.4	35,046	1.3
T14	Injury of unspecified body region	20,924	1.7	13,842	0.9	34,766	1.3
A16	Respiratory tuberculosis, not confirmed bacteriologically or histologically	19,703	1.6	10,891	0.7	30,594	1.1
...	All other causes	767,300	63.1	805,969	52.7	1,573,269	57.3

**TABLE 2.12 LEADING CAUSES OF MORBIDITY, PUBLIC HOSPITALS (cont'd)**  
Year 2017, absolute and percentage values

ICD-10 Detail List	Single leading causes of morbidity	Male		Female		Total	
		Number	%	Number	%	Number	%
	<b>Total</b>	<b>1,264,803</b> (r)	<b>100</b>	<b>1,643,093</b> (r)	<b>100</b>	<b>2,907,896</b> (r)	<b>100</b>
O80	Single spontaneous delivery*	0	0.0	235,265 (r)	14.3 (r)	235,265 (r)	8.1 (r)
B34	Viral infection of unspecified site	80,731 (r)	6.4 (r)	79,422 (r)	4.8	160,153 (r)	5.5
O82	Single delivery by caesarean section	0	0.0	150,777 (r)	9.2 (r)	150,777 (r)	5.2
A09	Diarrhoea and gastroenteritis of presumed infectious origin	73,260 (r)	5.8 (r)	68,800 (r)	4.2	142,060 (r)	4.9
S09	Other and unspecified injuries of head	69,232 (r)	5.5 (r)	28,148 (r)	1.7	97,380 (r)	3.3
K29	Gastritis and duodenitis	41,930 (r)	3.3	45,867 (r)	2.8	87,797 (r)	3.0
A91	Dengue haemorrhagic fever	30,925 (r)	2.4	32,310	2.0	63,235 (r)	2.2
J06	Acute upper respiratory infections of multiple and unspecified sites	30,731 (r)	2.4	23,964	1.5 (r)	54,695 (r)	1.9
O06	Unspecified abortion	0	0.0	45,691 (r)	2.8	45,691 (r)	1.6
F10	Mental and behavioural disorders due to use of alcohol	43,533 (r)	3.4	1,286	0.1	44,819 (r)	1.5
P59	Neonatal jaundice from other and unspecified causes	22,209 (r)	1.8 (r)	19,539 (r)	1.2	41,748 (r)	1.4
I10	Essential (primary) hypertension	15,754 (r)	1.2	24,101 (r)	1.5	39,855 (r)	1.4
J18	Pneumonia, organism unspecified	18,982 (r)	1.5	15,355 (r)	0.9	34,337 (r)	1.2
T14	Injury of unspecified body region	20,872 (r)	1.7 (r)	13,385 (r)	0.8	34,257 (r)	1.2
O81	Single delivery by forceps and vacuum extractor	0	0.0	33,355 (r)	2.0	33,355 (r)	1.1
...	All other causes	816,644 (r)	64.6 (r)	825,828 (r)	50.3 (r)	1,642,472 (r)	56.5 (r)

**TABLE 2.12 LEADING CAUSES OF MORBIDITY, PUBLIC HOSPITALS (concl'd)**  
Year 2018(P), absolute and percentage values

ICD-10 Detail List	Single leading causes of morbidity	Male		Female		Total	
		Number	%	Number	%	Number	%
	<b>Total</b>	<b>1,287,944</b>	<b>100.0</b>	<b>1,678,490</b>	<b>100.0</b>	<b>2,966,434</b>	<b>100.0</b>
O80	Single spontaneous delivery	0	0.0	234,713	14	234,713	7.9
O82	Single delivery by caesarean section	0	0.0	162,893	9.7	162,893	5.5
B34	Viral infection of unspecified site	67,071	5.2	63,446	3.8	130,517	4.4
A09	Diarrhoea and gastroenteritis of presumed infectious origin	65,629	5.1	61,864	3.7	127,493	4.3
S09	Other and unspecified injuries of head	64,566	5.0	25,880	1.5	90,446	3.0
K29	Gastritis and duodenitis	41,598	3.2	44,546	2.7	86,144	2.9
J06	Acute upper respiratory infections of multiple and unspecified sites	28,137	2.2	21,369	1.3	49,506	1.7
A91	Dengue haemorrhagic fever	22,729	1.8	22,851	1.4	45,580	1.5
I10	Essential (primary) hypertension	18,118	1.4	25,583	1.5	43,701	1.5
O06	Unspecified abortion	0	0.0	43,267	2.6	43,267	1.5
J22	Unspecified acute lower respiratory infection	21,157	1.6	21,588	1.3	42,745	1.4
H26	Other cataract	16,099	1.3	25,832	1.5	41,931	1.4
J18	Pneumonia, organism unspecified	23,091	1.8	18,096	1.1	41,187	1.4
F10	Mental and behavioural disorders due to use of alcohol	38,985	3.0	1,161	0.1	40,146	1.4
K35	Acute appendicitis	14,922	1.2	18,812	1.1	33,734	1.1
...	All other causes	865,842	67.2	886,589	52.8	1,752,431	59.1

Note: \* Based on International Statistical Classification of Diseases 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: Health Management Information System,  
Department of Public Health.

**TABLE 2.13 LEADING CAUSES OF MORTALITY, PUBLIC HOSPITALS**  
Year 2016, absolute and percentage values

ICD-10 Detail List	Single leading causes of mortality	Male		Female		Total	
		Number	%	Number	%	Number	%
	<b>Total</b>	<b>25,264</b>	<b>100.0</b>	<b>16,377</b>	<b>100.0</b>	<b>41,641</b>	<b>100.0</b>
A41	Other septicaemia	1,544	6.0	1,223	7.5	2,767	6.6
P07	Disorders related to short gestation and low birth weight, not elsewhere classified	1,164	4.6	1,094	6.7	2,258	5.4
S09	Other and unspecified injuries of head	1,539	6.1	573	3.5	2,112	5.1
I50	Heart failure	716	3.0	733	4.5	1,449	3.5
S06	Intracranial injury	1,093	4.3	310	1.9	1,403	3.4
I64	Stroke, not specified as haemorrhage or infarction	784	3.1	596	3.6	1,380	3.3
B20	Human immunodeficiency virus [HIV] disease resulting in infectious and parasitic diseases	821	3.2	431	2.6	1,252	3.0
P21	Birth asphyxia	690	2.7	479	2.9	1,169	2.8
I61	Intracerebral haemorrhage	768	3.0	321	2.0	1,089	2.6
A16	Respiratory tuberculosis, not confirmed bacteriologically or histologically	642	2.5	318	1.9	960	2.3
K74	Fibrosis and cirrhosis of liver	650	2.6	227	1.4	877	2.1
J18	Pneumonia, organism unspecified	344	1.4	366	2.2	710	1.7
I10	Essential (primary) hypertension	388	1.5	310	1.9	698	1.7
P36	Bacterial sepsis of newborn	411	1.6	267	1.6	678	1.6
K70	Alcoholic liver disease	633	2.5	17	0.1	650	1.6
...	All other causes	13,077	51.8	9,112	55.6	22,189	53.3

**TABLE 2.13 LEADING CAUSES OF MORTALITY, PUBLIC HOSPITALS (cont'd)**  
Year 2017, absolute and percentage values

ICD-10 Detail List	Single leading causes of mortality	Male		Female		Total	
		Number	%	Number	%	Number	%
	<b>Total</b>	<b>26,390 (r)</b>	<b>100</b>	<b>16,449 (r)</b>	<b>100</b>	<b>42,839 (r)</b>	<b>100</b>
P07	Disorders related to short gestation and low birth weight, not elsewhere classified	1,274	4.8	1297	7.9 (r)	2571	6.0 (r)
A41	Other septicaemia	1,104	4.2 (r)	913 (r)	5.6 (r)	2017 (r)	4.7
S09	Other and unspecified injuries of head	1,439 (r)	5.5 (r)	333	2.0	1,772 (r)	4.1
S06	Intracranial injury	1,352	5.1	298	1.8	1,650	3.9 (r)
P21	Birth asphyxia	709	2.7	618	3.8 (r)	1,327	3.1
I64	Stroke, not specified as haemorrhage or infarction	839	3.2 (r)	431	2.6	1,270	3.0 (r)
I50	Heart failure	552	2.1	670	4.1 (r)	1,222	2.9 (r)
K74	Fibrosis and cirrhosis of liver	987	3.7	185	1.1	1,172	2.7
I10	Essential (primary) hypertension	661	2.5	419	2.5	1,080	2.5
A16	Respiratory tuberculosis, not confirmed bacteriologically or histologically	701 (r)	2.7 (r)	260	1.6	961 (r)	2.2
I61	Intracerebral haemorrhage	666	2.5	277	1.7	943	2.2
B20	Human immunodeficiency virus [HIV] disease resulting in infectious and parasitic diseases	634	2.4	304	1.8	938	2.2
J18	Pneumonia, organism unspecified	446	1.7	453	2.8 (r)	899	2.1
E14	Unspecified diabetes mellitus	320 (r)	1.2	509	3.1	829 (r)	1.9 (r)
K70	Alcoholic liver disease	735	2.8	23	0.1	758	1.8
...	All other causes	13,971 (r)	52.9 (r)	9459 (r)	57.5 (r)	23,430 (r)	54.7 (r)

**TABLE 2.13 LEADING CAUSES OF MORTALITY, PUBLIC HOSPITALS (concl'd)**  
Year 2018(P), absolute and percentage values

ICD-10 Detail List	Single leading causes of mortality	Male		Female		Total	
		Number	%	Number	%	Number	%
	<b>Total</b>	<b>27,067</b>	<b>100.0</b>	<b>17,008</b>	<b>100</b>	<b>44,075</b>	<b>100.0</b>
P07	Disorders related to short gestation and low birth weight, not elsewhere classified	1,501	5.5	1,134	6.7	2,635	6.0
A41	Other septicaemia	1,191	4.4	831	4.9	2,022	4.6
S09	Other and unspecified injuries of head	1,381	5.1	387	2.3	1,768	4.0
S06	Intracranial injury	1,360	5.0	372	2.2	1,732	3.9
P21	Birth asphyxia	700	2.6	597	3.5	1,297	2.9
I50	Heart failure	561	2.1	596	3.5	1,157	2.6
I10	Essential (primary) hypertension	638	2.4	435	2.6	1,073	2.4
I64	Stroke, not specified as haemorrhage or infarction	592	2.2	423	2.5	1,015	2.3
J18	Pneumonia, organism unspecified	531	2.0	424	2.5	955	2.2
A16	Respiratory tuberculosis, not confirmed bacteriologically or histologically	675	2.5	269	1.6	944	2.1
I61	Intracerebral haemorrhage	681	2.5	244	1.4	925	2.1
K70	Alcoholic liver disease	855	3.2	53	0.3	908	2.1
E14	Unspecified diabetes mellitus	293	1.1	497	2.9	790	1.8
I21	Acute myocardial infarction	380	1.4	302	1.8	682	1.5
J44	Other chronic obstructive pulmonary disease	331	1.2	336	2.0	667	1.5
...	All other causes	15,397	56.9	10,108	59.4	25,505	57.9

Source: Health Management Information System,  
Department of Public Health.

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

<b>Responsible Unit (Service or Structure)</b>	Health Management Information System, Department of Public Health
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Discharges and deaths, percentage distribution, deaths, fatality rate by age group and by sex
<b>Classification Variables</b>	By Age Group and By Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Quarterly, Yearly
<b>Units</b>	Discharges and deaths in public hospitals
<b>Tables</b>	2.14



**TABLE 2.14 DISCHARGES AND DEATHS IN HOSPITALS**

Year 2016, absolute, percentage and 1,000 discharges and deaths values

Age group (in year)	Sex	Discharges and Deaths	Percentage Composition	Deaths	Percentage Composition	Fatality Rate per 1,000 D&D
< 1	Total	252,045	9.2	8,016	19.3	31.8
	Male	140,256	11.5	4,473	17.7	31.9
	Female	111,789	7.3	3,543	21.6	31.7
1 - 4	Total	229,664	8.4	1,265	3.0	5.5
	Male	130,019	10.7	587	2.3	4.5
	Female	99,645	6.5	678	4.1	6.8
5 - 14	Total	218,390	8.0	1,085	2.6	5.0
	Male	123,993	10.2	548	2.2	4.4
	Female	94,397	6.2	537	3.3	5.7
15 - 24	Total	415,145	15.1	2,622	6.3	6.3
	Male	136,260	11.2	1,751	6.9	12.9
	Female	278,885	18.2	871	5.3	3.1
25 - 34	Total	520,412	19.0	4,291	10.3	8.2
	Male	163,151	13.4	3,004	11.9	18.4
	Female	357,261	23.4	1,287	7.9	3.6
35 - 44	Total	371,204	13.5	5,490	13.2	14.8
	Male	157,003	12.9	3,897	15.4	24.8
	Female	214,201	14.0	1,593	9.7	7.4
45 - 54	Total	262,682	9.6	5,821	14.0	22.2
	Male	135,132	11.1	3,834	15.2	28.4
	Female	127,550	8.3	1,987	12.1	15.6
55 - 64	Total	223,833	8.2	5,653	13.6	25.3
	Male	111,135	9.1	3,496	13.8	31.5
	Female	112,698	7.4	2,157	13.2	19.1
65 - 74	Total	153,854	5.6	3,940	9.5	25.6
	Male	72,701	6.0	2,007	7.9	27.6
	Female	81,153	5.3	1,933	11.8	23.8
75 & over	Total	98,213	3.6	3,458	8.3	35.2
	Male	45,911	3.8	1,667	6.6	36.3
	Female	52,302	3.4	1,791	10.9	34.2
All ages	Total	2,745,442	100.0	41,641	100.0	15.2
	Male	1,215,561	100.0	25,264	100.0	20.8
	Female	1,529,881	100.0	16,377	100.0	10.7

**TABLE 2.14 DISCHARGES AND DEATHS IN HOSPITALS (cont'd)**  
Year 2017, absolute, percentage and 1,000 discharges and deaths values

Age group (in year)	Sex	Discharges and Deaths	Percentage Composition	Deaths	Percentage Composition	Fatality Rate per 1,000 D&D
< 1	Total	231,255 (r)	8.0	7,915 (r)	18.5	34.2 (r)
	Male	129,361 (r)	10.2	4,233 (r)	16.0	32.7 (r)
	Female	101,894 (r)	6.2	3,682 (r)	22.4	36.1 (r)
1 - 4	Total	228,574 (r)	7.9	1,023 (r)	2.4	4.5
	Male	128,665 (r)	10.2	473 (r)	1.8	3.7
	Female	99,909 (r)	6.1	550 (r)	3.3	5.5
5 - 14	Total	250,373 (r)	8.6	1,109 (r)	2.6	4.4 (r)
	Male	141,205 (r)	11.2	636 (r)	2.4	4.5
	Female	109,168 (r)	6.6	473 (r)	2.9	4.3 (r)
15 - 24	Total	461,948 (r)	15.9	2,682 (r)	6.3	5.8
	Male	144,922 (r)	11.4	1,636 (r)	6.2	11.3
	Female	317,026 (r)	19.3	1,046 (r)	6.4	3.3
25 - 34	Total	558,317 (r)	19.2	4,030 (r)	9.4	7.2
	Male	173,569 (r)	13.7	2,935 (r)	11.1	16.9 (r)
	Female	384,748 (r)	23.4	1,095 (r)	6.7	2.8 (r)
35 - 44	Total	393,909 (r)	13.5	5,781 (r)	13.5	14.7
	Male	166,107 (r)	13.1	4,337 (r)	16.4	26.1 (r)
	Female	227,802 (r)	13.9	1,444 (r)	8.8	6.3 (r)
45 - 54	Total	281,832 (r)	9.7	6,366 (r)	14.9	22.6 (r)
	Male	143,584 (r)	11.3	4,423 (r)	16.8	30.8 (r)
	Female	138,248 (r)	8.4	1,943 (r)	11.8	14.1
55 - 64	Total	238,448 (r)	8.2	5,965 (r)	13.9	25.0 (r)
	Male	116,706 (r)	9.2	3,539 (r)	13.4	30.3 (r)
	Female	121,742 (r)	7.4	2,426 (r)	14.7	19.9 (r)
65 - 74	Total	164,766 (r)	5.7	4,396 (r)	10.3	26.7 (r)
	Male	77,752 (r)	6.1	2,453 (r)	9.3	31.5 (r)
	Female	87,014 (r)	5.3	1,943 (r)	11.8	22.3 (r)
75 & over	Total	98,474 (r)	3.4	3,572 (r)	8.3	36.3 (r)
	Male	44,122 (r)	3.5	1,715 (r)	6.5	38.9 (r)
	Female	54,352 (r)	3.3	1,857 (r)	11.3	34.2 (r)
All ages	Total	2,907,896 (r)	100.0	42,839 (r)	100.0	14.7 (r)
	Male	1,265,993 (r)	100.0	26,380 (r)	100.0	20.8 (r)
	Female	1,641,903 (r)	100.0	16,459 (r)	100.0	10.0 (r)

**TABLE 2.14 DISCHARGES AND DEATHS IN HOSPITALS (concl'd)**  
Year 2018(P), absolute, percentage and 1,000 discharges and deaths values

Age group (in year)	Sex	Discharges and Deaths	Percentage Composition	Deaths	Percentage Composition	Fatality Rate per 1,000 D&D
< 1	Total	255,185	8.6	8,342	18.9	32.7
	Male	143,613	11.2	4,674	17.3	32.5
	Female	111,572	6.6	3,668	21.6	32.9
1 - 4	Total	215,576	7.3	952	2.2	4.4
	Male	121,844	9.5	505	1.9	4.1
	Female	93,732	5.6	447	2.6	4.8
5 - 14	Total	222,376	7.5	931	2.1	4.2
	Male	126,041	9.8	537	2.0	4.3
	Female	96,335	5.7	394	2.3	4.1
15 - 24	Total	450,260	15.2	2,391	5.4	5.3
	Male	137,572	10.7	1,566	5.8	11.4
	Female	312,688	18.6	825	4.9	2.6
25 - 34	Total	562,252	19.0	4,296	9.7	7.6
	Male	169,263	13.1	3,013	11.1	17.8
	Female	392,989	23.4	1,283	7.5	3.3
35 - 44	Total	408,024	13.8	5,817	13.2	14.3
	Male	171,217	13.3	4,278	15.8	25.0
	Female	236,807	14.1	1,539	9.0	6.5
45 - 54	Total	293,756	9.9	6,478	14.7	22.1
	Male	151,768	11.8	4,367	16.1	28.8
	Female	141,988	8.5	2,111	12.4	14.9
55 - 64	Total	259,590	8.8	6,098	13.8	23.5
	Male	128,465	10.0	3,666	13.5	28.5
	Female	131,125	7.8	2,432	14.3	18.5
65 - 74	Total	185,801	6.3	4,798	10.9	25.8
	Male	86,956	6.8	2,521	9.3	29.0
	Female	98,845	5.9	2,277	13.4	23.0
75 & over	Total	113,614	3.8	3,972	9.0	35.0
	Male	51,205	4.0	1,940	7.2	37.9
	Female	62,409	3.7	2,032	11.9	32.6
All ages	Total	2,966,434	100.0	44,075	100.0	14.9
	Male	1,287,944	100.0	27,067	100.0	21.0
	Female	1,678,490	100.0	17,008	100.0	10.1

Source : Health Management Information System,  
Department of Public Health.

METHODOLOGY SHEET | **Maternal Health**

<b>Responsible Unit (Service or Structure)</b>	Health Management Information System, Department of Public Health
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Deliveries by MW, AMW and TTBA and Antenatal visits pregnant mother by MW and antenatal care coverage by BHS
<b>Classification Variables</b>	Percentage of deliveries, average number of antenatal visit per pregnant mother and antenatal care coverage by States and Regions
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Maternal health services
<b>Tables</b>	2.15, 2.16

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

Years 2014 - 2018, percentage values

States and Regions	Deliveries by Midwives					Deliveries by Auxiliary Midwives					Deliveries by Trained Traditional Birth Attendant				
	2014	2015	2016	2017	2018(P)	2014	2015	2016	2017	2018(P)	2014	2015	2016	2017	2018(P)
Union	33.1	30.3	27.3	23.6	21.1	8.8	8.1	7.6	6.9	5.8	6.8	6.3	6.2	5.6	4.7
Kachin State	42.3	40.2	36.6	29.7	27.8	5.8	6.6	6.0	6.2	4.5	3.1	2.0	0.8	1.6	1.9
Kayah State	41.8	32.2	29.7	22.1	18.5	10.5	6.8	7.1	5.1	3.8	11.6	7.9	8.8	9.0	10.1
Kayin State	33.2	29.4	26.5	23.3	19.6	13.1	13.2	13.0	13.6	11.3	14.8	14.3	13.8	14.3	16.2
Chin State	39.4	33.0	35.5	31.3	34.7	16.1	19.2	24.9	22.4	18.0	4.1	3.1	3.5	3.5	3.0
Sagaing Region	35.5	33.1	27.8	22.9	19.9	10.9	10.2	9.8	8.9	7.4	3.1	2.2	2.2	2.1	2.3
Taninthayi Region	34.9	31.9	26.1	21.0	16.7	13.0	10.7	9.2	9.8	9.2	3.9	3.2	3.0	4.0	4.2
Bago Region	36.9	35.5	33.0	30.2	27.8	8.5	7.8	7.2	6.5	4.9	9.4	8.3	7.1	5.6	5.2
Magway Region	40.4	36.1	31.7	28.9	26.5	16.2	13.5	10.6	8.0	6.8	4.4	3.7	3.2	2.9	2.8
Mandalay Region	36.0	33.2	30.7	25.4	22.7	6.8	6.1	4.9	4.2	3.4	2.9	2.6	2.0	1.7	1.4
Mon State	38.3	31.5	30.1	25.7	22.5	4.9	5.3	5.4	4.6	3.9	2.7	2.0	1.8	1.7	1.7
Rakhine State	34.6	34.0	33.1	29.4	23.7	6.8	6.8	8.1	7.1	6.6	23.9	27.4	29.6	27.8	18.2
Yangon Region	18.2	15.5	14.0	12.0	9.6	3.2	3.0	2.8	2.3	1.6	4.2	3.5	3.3	3.0	2.1
Shan State	27.1	25.2	22.6	20.8	19.6	8.7	8.6	8.6	8.4	7.9	2.8	2.9	2.8	2.3	3.2
Ayeyawady Region	32.9	30.0	26.7	22.8	22.1	10.6	9.0	8.1	7.0	5.8	10.5	8.8	8.6	8.5	6.2
Nay Pyi Taw	33.9	30.5	24.0	18.5	17.5	6.3	6.6	6.7	5.5	5.1	1.7	2.9	3.0	5.4	6.0

Source: Health Management Information System, Department of Public Health.

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

Years 2014 - 2018, average and percentage values

States and Regions	Average Number of Antenatal Visit per Pregnant Mother by Midwives					Antenatal care coverage by Basic Health Staff				
	2014	2015	2016	2017	2018(P)	2014	2015	2016	2017	2018(P)
<b>Union</b>	<b>3.8</b>	<b>3.8</b>	<b>3.9</b>	<b>4.1</b>	<b>4.1</b>	<b>83.6</b>	<b>82.4</b>	<b>86.1</b>	<b>85.7 (r)</b>	<b>86.3</b>
Kachin State	3.7	3.9	4.1	4.3	4.2	82.3	80.5	82.6	84.1 (r)	85.9
Kayah State	4.1	4.3	4.5	4.8	4.9	83.7	82.0	86.4	88.9 (r)	87.5
Kayin State	3.4	3.4	3.3	3.5	3.7	88.5	87.0	90.3	84.4 (r)	88.5
Chin State	3.8	3.7	3.7	3.9	4.3	77.9	77.0	81.1	85.9 (r)	83.6
Sagaing Region	4.4	4.5	4.4	4.5	4.5	84.2	84.0	87.7	87.7 (r)	86.7
Taninthayi Region	3.8	3.5	3.6	4.0	4.0	86.4	85.1	85.7	87.6 (r)	87.6
Bago Region	3.5	3.5	3.7	3.7	3.8	84.7	84.1	89.3	88.6 (r)	88.1
Magway Region	4.2	4.4	4.5	4.9	4.9	78.9	79.4	84.9	83.9 (r)	84.3
Mandalay Region	4.0	4.1	4.1	4.3	4.3	88.5	87.5	88.6	87.1 (r)	87.8
Mon State	4.2	4.1	4.5	4.7	4.7	88.2	84.9	89.8	87.6 (r)	88.4
Rakhine State	3.3	3.3	3.3	3.4	3.3	75.7	76.3	78.9	80.1 (r)	87.2
Yangon Region	3.6	3.8	3.9	4.0	4.1	83.1	81.5	85.1	85.2 (r)	85.7
Shan State	3.4	3.5	3.6	3.7	3.8	79.2	77.7	81.1	80.6 (r)	79.7
Ayeyawady Region	3.6	3.7	3.8	3.9	3.9	87.2	83.7	90.2	89.7 (r)	88.8
Nay Pyi Taw	3.8	4.0	4.1	4.1	4.0	87.4	84.4	88.6	82.4 (r)	90.3

Source: Health Management Information System, Department of Public Health.

**METHODOLOGY SHEET | Nutrition Statistics**

<b>Responsible Unit (Service or Structure)</b>	National Nutrition Centre, Department of Public Health
<b>Level of Disaggregation</b>	Union, States and Regions, Selected Townships
<b>Study Variables</b>	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
<b>Classification Variables</b>	Nutrition data for survey period
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Survey and Nutrition Program Period
<b>Units</b>	Children and post-natal mothers
<b>Tables</b>	2.17, 2.18, 2.19, 2.20

**TABLE 2.17** PERCENT DISTRIBUTION OF CHILDREN (6 - 59 ) MONTHS OF AGE CLASSIFIED BY THREE ANTHROPOMETRIC INDICES OF NUTRITIONAL STATUS AND BY SELECTED BACKGROUND CHARACTERISTICS

Year 2017/2018, percentage values

Background Characteristics	Height for Age <sup>1,2</sup>		Weight for Height <sup>1,2</sup>		Weight for Age <sup>1</sup>	
	% below -2 SD	% below -3 SD	% below -2 SD	% below -3 SD	% below -2 SD	% below -3 SD
<b>Total</b>	26.7	7.4	6.7	0.8	19.1	3.4
<b>Gender</b>						
Male	26.7	7.7	7.2	1.0	18.7	3.2
Female	26.8	7.2	6.1	0.7	19.5	3.6
<b>States and Regions</b>						
Kachin State	24.4	5.1	3.0	0.1	11.5	1.8
Kayah State	28.1	7.3	3.9	1.0	14.1	2.6
Kayin State	34.3	12.9	6.0	1.6	21.2	6.6
Chin State	40.3	12.2	4.1	0.6	17.2	3.6
Sagaing Region	23.0	5.9	7.5	1.5	18.3	2.6
Taninthayi Region	24.3	7.0	7.7	1.4	20.2	3.4
Bago Region	26.0	5.6	8.5	0.9	20.8	3.2
Magway Region	22.4	3.8	6.9	0.1	18.3	2.2
Mandalay Region	24.4	4.6	6.7	1.1	19.0	2.9
Mon State	16.4	4.7	6.5	0.6	15.1	3.0
Rakhine State	34.7	14.0	7.0	0.3	24.2	6.9
Yangon Region	20.8	5.8	7.2	0.2	19.1	2.5
Shan State	30.1	8.1	2.0	-	13.4	2.0
Ayeyawady Region	37.9	13.8	8.5	1.7	23.9	6.0
Nay Pyi Taw	24.5	6.7	6.3	1.0	19.4	3.4
<b>Residence</b>						
Rural	29.0	8.1	6.5	0.9	20.0	3.7
Urban	20.9	5.7	7.1	0.5	16.7	2.5
<b>Age in months</b>						
6-8 months	7.7	4.2	6.4	0.2	4.8	0.6
9-11 months	7.7	2.8	6.9	0.5	9.5	0.4
12-17 months	19.7	4.8	5.1	1.4	9.9	1.4
18-23 months	28.0	8.6	7.8	1.5	16.8	3.0
24-35 months	30.5	8.5	7.5	0.9	19.5	3.7
36-47 months	29.0	8.5	6.5	0.7	22.3	4.6
48-59 months	25.9	6.5	6.2	0.6	20.9	3.2
<b>Wealth index quintiles</b>						
Least	36.1	11.9	6.9	1.1	23.5	4.6
Second	29.8	7.7	7.2	1.0	22.6	4.2
Middle	25.7	6.9	7.0	0.9	19.2	3.0
Fourth	19.4	3.9	6.0	0.5	14.5	2.3
Highest	-	-	5.9	0.4	11.2	1.8

Note: <sup>1</sup>Each of the indices (height for age, weight for height, for age) are expressed in the standard deviation (SD) from the median of 2006 WHO New Child Growth Standards,

<sup>2</sup>Recumbent length is measured for children under age 2 year; standing height is measured for all other children.

Source: Myanmar Micronutrient and Food Consumption Survey (MMFCS) 2017-2018.

Height for age Z-score (HAZ) < -2SD = Any stunting (moderate stunting + severe stunting), HAZ < -3SD = Severe stunting  
 Weight for height Z-score (WHZ) < -2SD = Any wasting (moderate wasting + severe wasting), WHZ < -3SD = Severe wasting  
 Weight for age Z-score (WAZ) < -2SD = Any underweight (moderate underweight + severe underweight),  
 WAZ < -3SD = Severe underweight

**TABLE 2.18** PERCENT DISTRIBUTION OF HOUSEHOLD WITH IODIZED SALT TESTED WITH RAPID TEST KIT AND WITH TITRATION BY SELECTED BACKGROUND CHARACTERISTICS  
Year 2017/2018, absolute and percentage values

Background Characteristics	Rapid Test			Titration		
	Percentage with Non-iodized Salt *	Percentage with Iodized Salt **	Total Number of Household	Percentage with Non-iodized Salt *	Percentage with Iodized Salt **	Total Number of Household
<b>Total</b>	<b>10.8</b>	<b>89.2</b>	<b>27,339</b>	<b>15.0</b>	<b>85</b>	<b>27,337</b>
<b>Residence</b>						
Rural	12.2	87.8	19,675	17.0	83	19,673
Urban	7.4	92.6	7,664	10.1	89.9	7,664
<b>States and Regions</b>						
Kachin State	4.6	95.4	677	15.1	84.9	677
Kayah State	0.9	99.1	144	3.8	96.2	144
Kayin State	28.9	71.1	774	22.8	77.2	774
Chin State	11.0	89.0	229	5.6	94.4	229
Sagaing Region	4.4	95.6	2,757	13.9	86.1	2,755
Taninthayi Region	61.9	38.1	712	65.7	34.3	712
Bago Region	6.5	93.5	2,873	9.5	90.5	2,873
Magway Region	10.6	89.4	2,312	16.1	83.9	2,312
Mandalay Region	6.6	93.4	3,326	13.2	86.8	3,326
Mon State	14.6	85.4	1,062	16.8	83.2	1,061
Rakhine State	22.9	77.1	1,156	24.9	75.1	1,156
Yangon Region	5.2	94.8	3,978	5.4	94.6	3,978
Shan State	8.1	91.9	2,939	14.1	85.9	2,939
Ayeyawady Region	15.7	84.3	3,742	20.3	79.7	3,742
NayPyiTaw	2.8	97.2	659	3.7	96.3	659
<b>Wealth index</b>						
Least	14.7	85.3	6,401	18.0	82.0	6,401
Second	11.2	88.8	6,246	16.0	84.0	6,246
Middle	10.8	89.2	5,595	15.0	85.0	5,594
Fourth	9.6	90.4	4,521	14.0	86.0	4,520
Highest	6.2	93.8	4,575	11.0	89.0	4,575

Note : Values are weighted figures presented in percent unless mentioned otherwise.

\* Non-iodized salt = salt contain no iodine (iodine content in salt = 0ppm)

\*\* Iodized salt = salt contain iodine (iodine content in salt  $\geq$  1ppm)

Source: Myanmar Micronutrient and Food Consumption Survey (MMFCS)2017-2018 .



**TABLE 2.19 VITAMIN A SUPPLEMENTATION**  
Year 2019(P), percentage values

States and Regions	Coverage of Vitamin A for 6 month to under one child	Coverage of Vitamin A for 1-4 years old child	Percentage of post-natal mothers who received Vitamin A supplements
<b>Union (Avg)</b>	<b>101.5</b>	<b>91.0</b>	<b>81.1</b>
Kachin State	95.6	89.2	80.1
Kayah State	108.9	100.7	86.1
Kayin State	91.0	83.8	81.4
Chin State	108.8	95.8	78.2
Sagaing Region	109.5	96.2	88.6
Taninthayi Region	97.0	87.2	82.4
Bago Region	101.3	92.3	83.7
Magway Region	118.0	99.5	89.8
Mandalay Region	109.5	93.9	94.3
Mon State	100.9	94.8	91.2
Rakhine State	81.0	72.1	64.1
Yangon Region	94.0	92.4	72.0
Shan State (East)	102.9	95.6	82.7
Shan State (South)	92.7	78.7	58.1
Shan State (North)	74.3	67.1	55.1
Ayeyawady Region	107.3	93.8	82.9
Nay Pyi Taw	111.8	86.6	89.0

Source: Electronic Health Management Information System / DHIS 2 (as of 10:00 AM, 24.3.2020), Department of Public Health.

**TABLE 2.20 DEWORMING COVERAGE**  
Year 2019(P), percentage values

States and Regions	Coverage of deworming for 2-4 years old children (%)	Coverage of deworming for 5-9 years old children (%)
Union(Avg)	78.6	44.5
Kachin State	85.0	11.2
Kayah State	100.3	22.0
Kayin State	69.2	35.1
Chin State	94.3	91.1
Sagaing Region	75.9	22.6
Taninthayi Region	51.1	27.3
Bago Region	87.2	52.2
Magway Region	90.9	55.7
Mandalay Region	69.6	46.2
Mon State	91.8	116.5
Rakhine State	70.6	38.8
Yangon Region	82.6	40.7
Shan State (East)	70.0	29.9
Shan State (South)	89.4	105.2
Shan State (North)	80.4	14.6
Ayeyawady Region	71.6	30.9
Nay Pyi Taw	80.6	36.1

Source: Electronic Health Management Information System / DHIS 2 (as of 10:00 AM, 24.3.2020), Department of Public Health.

METHODOLOGY SHEET | **Insurance**

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

**TABLE 2.21 VOLUME OF GOVERNMENT INSURANCE BUSINESS**  
Years 2015/2016 - 2018/2019, absolute values in Million Kyats

Type of Insurance	2015-2016			
	No. of policies	Policy Value	Premium	Claims
<b>Life Insurance</b>				
1. Government Personnel Life Assurance	10083	3823.57	300.25	16.68
2. Military Personnel Life Assurance	6903	1998.33	1850.13	423.67
3. Public Life Assurance	2	5.00	1.69	6.44
4. Group Life Assurance	2923	1013.28	10.13	2.40
5. Seaman Life Assurance	19044	95220.00	476.30	157.50
6. Shore Job Life Assurance	-	-	-	-
7. Sportsman Life Assurance	33	33.00	0.16	-
8. Snakebite Life Assurance	148884	74532.00	74.53	0.11
9. Health Insurance	350	-	17.72	-
Total	188222	176625.18	2730.91	606.80
<b>Miscellaneous</b>				
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 Compensation Insurance	-	-	-	-
7. Liability Insurance				
a. Miners' 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
<b>Engineering</b>				
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
<b>Marine</b>				
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
<b>Aviation</b>				
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
<b>Fire</b>				
1. Fire and Allied Perils Insurance	35888	-	18473.32	1786.14
<b>Third Party (Liability)</b>				
1. Third Party Liability Insurance	1825048	-	6238.49	377.07
<b>Comprehensive</b>				
1. Comprehensive Motor Insurance	4888	99323.65	864.90	484.33

**TABLE 2.21 VOLUME OF GOVERNMENT INSURANCE BUSINESS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values in Million Kyats

Type of Insurance	2016-2017			
	No. of policies	Policy Value	Premium	Claims
<b>Life Insurance</b>				
1. Government Personnel Life Assurance	11228	5023.43	467.84	23.60
2. Military Personnel Life Assurance	1088	434.98	1883.85	783.43
3. Public Life Assurance	-	-	1.05	-
4. Group Life Assurance	2764	1207.26	12.07	0.90
5. Seaman Life Assurance	19995	99975.00	500.19	119.50
6. Shore Job Life Assurance	-	-	-	-
7. Sportsman Life Assurance	49	18.40	0.24	0.20
8. Snakebite Life Assurance	302615	151307.50	151.31	0.14
9. Health Insurance	26	-	1.80	0.22
Total	337765	257966.57	3018.35	927.99
<b>Miscellaneous</b>				
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. Miners' 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
<b>Engineering</b>				
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
<b>Marine</b>				
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
<b>Aviation</b>				
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
<b>Fire</b>				
1. Fire and Allied Perils Insurance	32985	-	20080.61	2567.14
<b>Third Party (Liability)</b>				
1. Third Party Liability Insurance	2780177	-	18958.01	584.77
<b>Comprehensive</b>				
1. Comprehensive Motor Insurance	4594	97984.23	893.56	505.50

**TABLE 2.21 VOLUME OF GOVERNMENT INSURANCE BUSINESS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values in Million Kyats

Type of Insurance	2017-2018			
	No. of policies	Policy Value	Premium	Claims
<b>Life Insurance</b>				
1. Government Personnel Life Assurance	15305	9073.32	664.76	35.33
2. Military Personnel Life Assurance	1225	557.66	1563.05	1344.21
3. Public Life Assurance	4	12.20	3.24	0.51
4. Group Life Assurance	3614	1331.51	13.32	3.41
5. Seaman Life Assurance	20811	105380.00	527.30	104.00
6. Shore Job Life Assurance	-	-	-	-
7. Sportsman Life Assurance	18	22.00	0.14	0.20
8. Snakebite Life Assurance	176038	95672.48	95.67	0.27
9. Health Insurance	118	-	6.24	-
10. Farmer Life Assurance	38240	5825.45	62.83	21.36
Total	255373	217874.62	2936.55	1509.29
<b>Miscellaneous</b>				
1. Burglary Insurance	-	-	-	-
2. Fidelity Guarantee Insurance	871	-	14.89	0.15
3. Cash in Safe Insurance	279	-	65.29	-
4. Cash in Transit Insurance	90	-	40.69	-
5. Personal Accident and Disease Insurance	288	-	176.76	14.44
6. Workmen's Compensation Insurance	-	-	-	-
7. Liability Insurance				
a. Miners' Liability Insurance	36	-	18.99	0.20
b. Third Party Liability	297	-	59.82	-
8. Deposit Insurance	8	-	12.78	-
9. Credit Guarantee Insurance	282	-	88.39	-
10. Travel Insurance	697726	1015663.75	99.84	27.74
11. Tiger Fishing Barge Owner's Liability Insurance	-	-	-	-
12. Oil and Gas Insurance	-	-	-	-
Total	699877	1015663.75	577.45	42.53
<b>Engineering</b>				
1. Contractor's and Machineries Insurance				
a. Contractor's All Risks Insurance	57	-	250.67	281.61
b. Erection All Risks Insurance	-	-	-	-
c. Electronic Equipment Insurance	7	-	0.27	-
d. Machinery Insurance	7	-	1.77	-
Total	71	-	252.71	281.61
<b>Marine</b>				
1. Marine Cargo Insurance	5492	306313.38	1252.94	494.45
2. Marine Hull and Machinery Insurance	153	34427.12	385.02	18.71
3. Ship Owner and Ship Operator's Liability Insurance	190	360.00	2.65	0.50
Total	5835	341100.50	1640.61	513.66
<b>Aviation</b>				
1. Aviation Hull Insurance	15	431.20	2.37	-
2. Aviation Liability Insurance	-	-	-	-
a. Crew Personal Accident Insurance	-	-	-	-
b. Aviation Hull Deductible Insurance	-	-	-	-
c. Aviation Hull War and Allied Perils Insurance	-	-	-	-
Total	15	431.20	2.37	-
<b>Fire</b>				
1. Fire and Allied Perils Insurance	40143	-	20631.91	3239.20
<b>Third Party (Liability)</b>				
1. Third Party Liability Insurance	2254627	-	19511.63	1279.91
<b>Comprehensive</b>				
1. Comprehensive Motor Insurance	5240	115882.10	1311.75	801.62

**TABLE 2.21 VOLUME OF GOVERNMENT INSURANCE BUSINESS (cont'd)**  
Years 2015/2016 - 2018/2019, absolute values in Million Kyats

Type of Insurance	2018 (Apr - Sep)			
	No. of policies	Policy Value	Premium	Claims
<b>Life Insurance</b>				
1. Government Personnel Life Assurance	3094	2722.62	447.76	-
2. Government Personnel Short Term Life Assurance	787	680.70	10.48	28.13
3. Military Personnel Life Assurance	736	212.70	646.24	773.13
4. Public Life Assurance	-	-	1.22	-
5. Group Life Assurance	191	131.60	3.12	2.20
6. Seaman Life Assurance	10685	53955.00	270.27	30.00
7. Shore Job Life Assurance	7575	37875.00	204.52	-
8. Sportsman Life Assurance	336	336.00	1.76	-
9. Snakebite Life Assurance	85998	53211.50	63.41	0.18
10. Health Insurance	56	-	2.42	0.62
11. Farmer Life Assurance	73298	9357.80	93.84	19.09
12. Short Term Endowment Life Assurance	22	48.00	1.37	-
Total	182778	158530.92	1746.41	853.35
<b>Miscellaneous</b>				
1. Burglary Insurance	-	-	-	-
2. Fidelity Guarantee Insurance	371	-	1.59	-
3. Cash in Safe Insurance	105	-	26.49	-
4. Cash in Transit Insurance	29	-	53.22	-
5. Personal Accident and Disease Insurance	183	-	77.28	5.01
6. Workmen's Compensation Insurance	-	-	-	-
7. Liability Insurance				
a. Miners' Liability Insurance	7	-	16.73	-
b. Third Party Liability	81	-	15.62	-
8. Deposit Insurance	4	-	4.77	-
9. Credit Guarantee Insurance	478	-	148.64	-
10. Travel Insurance	3099083	3665135.08	283.77	3.00
11. Tiger Fishing Barge Owner's Liability Insurance	-	-	-	-
12. Oil and Gas Insurance	-	-	-	-
Total	3100341	3665135.08	628.11	8.01
<b>Engineering</b>				
1. Contractor's and Machineries Insurance				
a. Contractor's All Risks Insurance	46	-	268.79	0.92
b. Erection All Risks Insurance	3	-	1.97	-
c. Electronic Equipment Insurance	1	-	0.03	-
d. Machinery Insurance	4	-	0.70	-
Total	54	-	271.49	0.92
<b>Marine</b>				
1. Marine Cargo Insurance	3857	226262.06	1236.86	24.46
2. Marine Hull and Machinery Insurance	84	25712.39	277.11	1.30
3. Ship Owner and Ship Operator's Liability Insurance	5829	3080.50	21.40	2.00
Total	9770	255054.95	1535.37	27.76
<b>Aviation</b>				
1. Aviation Hull Insurance	12	274.60	23.18	-
2. Aviation Liability Insurance				
a. Crew Personal Accident Insurance	-	-	-	-
b. Aviation Hull Deductible Insurance	-	-	-	-
c. Aviation Hull War and Allied Perils Insurance	-	-	-	-
Total	12	274.60	23.18	-
<b>Fire</b>				
1. Fire and Allied Perils Insurance	10266	-	10415.23	1806.11
<b>Third Party (Liability)</b>				
1. Third Party Liability Insurance	1526289	-	12968.57	553.96
<b>Comprehensive</b>				
1. Comprehensive Motor Insurance	11108	119999.73	1347.44	487.66

**TABLE 2.21 VOLUME OF GOVERNMENT INSURANCE BUSINESS (concl'd)**  
Years 2015/2016 - 2018/2019, absolute values in Million Kyats

Type of Insurance	2018-2019			
	No. of policies	Policy Value	Premium	Claims
<b>Life Insurance</b>				
1. Government Personnel Life Assurance	4546	4084.64	1130.93	56.36
2. Government Personnel Short Term Life Assurance	4258	3239.91	290.87	-
3. Military Personnel Life Assurance	553	2407.39	1234.21	812.97
4. Public Life Assurance	-	-	2.52	3.17
5. Group Life Assurance	1914	2281.95	24.25	8.90
6. Seaman Life Assurance	24430	107480.85	637.42	105.00
7. Shore Job Life Assurance	77731	447771.50	1179.42	89.75
8. Sportsman Life Assurance	140	144.00	1.07	0.12
9. Snakebite Life Assurance	181582	78992.55	101.00	0.34
10. Health Insurance	2081	1782.50	23.12	4.00
11. Farmer Life Assurance	59054	6902.80	67.87	23.52
12. Short Term Endowment Life Assurance	327	555.50	54.31	-
Total	356616	655643.59	4746.99	1104.13
<b>Miscellaneous</b>				
1. Burglary Insurance	-	-	-	-
2. Fidelity Guarantee Insurance	697	17.15	-	-
3. Cash in Safe Insurance	151	65.35	-	-
4. Cash in Transit Insurance	92	106.43	-	-
5. Personal Accident and Disease Insurance	387	154.04	-	15.48
6. Workmen's Compensation Insurance	-	-	-	-
7. Liability Insurance				
a. Miners' Liability Insurance	11	17.38	-	0.20
b. Third Party Liability	71	10.21	-	-
8. Deposit Insurance	9	11.06	-	-
9. Credit Guarantee Insurance	874	591.17	-	-
10. Travel Insurance	6433840	7572115.65	576.41	16.10
11. Tiger Fishing Barge Owner's Liability Insurance	-	-	-	-
12. Oil and Gas Insurance	-	-	-	-
Total	6436132	7573088.44	576.41	31.78
<b>Engineering</b>				
1. Contractor's and Machineries Insurance				
a. Contractor's All Risks Insurance	62	215.29	-	-
b. Erection All Risks Insurance	90	172.75	-	-
c. Electronic Equipment Insurance	4	0.16	-	-
d. Machinery Insurance	7	1.78	-	-
Total	163	389.98	-	-
<b>Marine</b>				
1. Marine Cargo Insurance	9744	363408.55	1365.42	38.11
2. Marine Hull and Machinery Insurance	141	44142.88	374.73	512.29
3. Ship Owner and Ship Operator's Liability Insurance	12058	6473.00	45.55	-
Total	21943	414024.43	1785.70	550.40
<b>Aviation</b>				
1. Aviation Hull Insurance	11	-	1.22	0.58
2. Aviation Liability Insurance				
a. Crew Personal Accident Insurance	-	-	-	-
b. Aviation Hull Deductible Insurance	-	-	-	-
c. Aviation Hull War and Allied Perils Insurance	-	-	-	-
Total	11	-	1.22	0.58
<b>Fire</b>				
1. Fire and Allied Perils Insurance	37593	22280.13	-	554.01
<b>Third Party (Liability)</b>				
1. Third Party Liability Insurance	2974792	-	19040.27	1151.59
<b>Comprehensive</b>				
1. Comprehensive Motor Insurance	7398	-	1641.78	1244.14

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

Source : Myanma Insurance.







**TABLE 2.22 VOLUME OF PRIVATE INSURANCE BUSINESS (concl'd)**  
Years 2015/2016 - 2018/2019, absolute values in Million Kyats

Name of Insurance Company	Type of Insurance	2018-2019			
		No. of policies	Million Kyats		
			Policy Value	Premium	Claims
<b>Total</b>	<b>Life Insurance</b>	<b>18525215</b>	<b>1356458.10</b>	<b>429859.76</b>	<b>5907.20</b>
	<b>Non-Life Insurance</b>	<b>412549</b>	<b>18021644.52</b>	<b>94122.10</b>	<b>23512.58</b>
	<b>Non-Life Insurance (USD)</b>	<b>182</b>	<b>40362018.12</b>	<b>215560.39</b>	<b>-</b>
IKBZ Ins: Co., Ltd.	Life Insurance	8236534	44353.40	5201.24	112.16
	Non-Life Insurance	60221	4220502.54	19331.55	3565.64
	Non-Life Insurance (USD)	58	23731360.69	149047.73	-
GGI Ins: Co., Ltd.	Life Insurance	2818935	92836.03	9069.21	356.50
	Non-Life Insurance	73129	5116215.45	28302.83	8644.55
	Non-Life Insurance (USD)	75	8463849.27	30681.42	-
Global World Co., Ltd.	Life Insurance	308392	8430.00	863.80	36.80
	Non-Life Insurance	79661	732498.60	4708.50	1267.60
First National Ins: Co., Ltd.	Life Insurance	807990	3751.60	749.90	49.98
	Non-Life Insurance	127376	1835668.56	17649.01	4231.26
	Non-Life Insurance (USD)	49	8166808.16	35831.24	-
Aung Myintmo Minn Ins: Co., Ltd.	Life Insurance	1430987	675014.10	196838.03	3794.69
	Non-Life Insurance	-	-	-	-
Aung Thitsar Oo Ins: Co., Ltd.	Life Insurance	621352	1507.80	712.56	42.79
	Non-Life Insurance	8606	1007637.76	6165.63	1331.77
CB Ins: Co., Ltd.	Life Insurance	195984	118896.09	11043.88	634.77
	Non-Life Insurance	-	-	-	-
Ayar Myanmar Ins: Co., Ltd.	Life Insurance	1286190	25443.57	1455.96	199.07
	Non-Life Insurance	35884	2383115.41	14360.54	3965.60
Capital Life Ins: Co., Ltd.	Life Insurance	1353688	350504.84	203385.17	669.00
	Non-Life Insurance	-	-	-	-
Young Ins: Co., Ltd.	Life Insurance	1464219	1759.17	388.78	11.44
	Non-Life Insurance	27135	2696714.80	3345.85	505.36
Excellent Fortune Ins: Co., Ltd.	Life Insurance	944	33961.50	151.23	-
	Non-Life Insurance	537	29291.40	258.19	0.80

Source: Financial Regulatory Department.

METHODOLOGY SHEET | **Social Welfare, Pension**

<b>Responsible Unit (Service or Structure)</b>	Department of Social Welfare, Rehabilitation Department and Pension Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Social welfare establishments, Pensioners and Pensionary Expenditures
<b>Classification Variables</b>	Social welfare establishments by Public and NGOs, No. of Pensioners and Pensionary Expenditures by States and Regions, by Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Social welfare establishments, Pensioners
<b>Tables</b>	2.23, 2.24

**TABLE 2.23 SOCIAL WELFARE ESTABLISHMENTS**

Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>PUBLIC</b>							
<b>Vocational Training Centre for Women</b>							
(1) Number of Centres	4	4	4	4	4	4	4
(2) Number of Women	210	254	211	218	286	300	331
<b>Training School for Girls</b>							
(1) Number of Schools	2	3	3	3	3	2	3
(2) Number of Children	400	359	296	227	213	230	261
<b>Training School for Boys</b>							
(1) Number of Schools	6	7	7	7	7	7	7
(2) Number of Children	817	987	985	1177	1361	1457	1944
<b>Women's Development Centre</b>							
(1) Number of Centres	2	2	2	2	2	2	2
(2) Number of Women	204	155	152	148	150	155	157
<b>School for the Persons with Visual Disabilities</b>							
(1) Number of Schools	2	2	2	2	2	2	2
(2) Trainees	176	163	242	230	226	243	255
<b>School for the Persons with Hearing Disabilities</b>							
(1) Number of Schools	1	1	2	2	2	2	2
(1) Number of Students	219	196	284	118	322	329	358
<b>School for the Children with Disabilities</b>							
(1) Number of Schools	1	1	2	2	2	2	2
(2) Number of Children	160	170	296	356	353	340	343
<b>School for the Adult Persons with Disabilities</b>							
(1) Number of Schools	1	1	1	1	1	1	1
(2) Trainees	130	68	48	50	50	59	80
<b>Disabled Care Centre</b>							
(1) Number of Centres	-	1	1	1	1	1	1
(2) Number of Children	-	42	78	79	93	99	107
<b>Social Welfare Training School</b>							
(1) Number of Schools	1	1	1	1	1	1	1
(2) Trainees	313	1084	930	1071	409	424	619
<b>Pre-Primary School</b>							
(1) Number of Schools	63	68	99	99	104	123	133
(2) Number of Children	7139	8783	13996	15200	15219	16866	18304
<b>Central Early Childhood Care and Development Resource Centre</b>							
(1) Number of Centres	-	-	1	1	1	1	1
(2) Trainees	-	-	697	968	1081	455	773
<b>Community based Mother Circles</b>							
(1) Number of Mother Circles	-	-	-	-	367	472	1000
(2) Number of Children	-	-	-	-	7490	19235	20000
<b>Residential Nursery</b>							
(1) Number of Nurseries	6	6	7	7	7	7	7
(2) Number of Children	182	236	201	259	279	299	357

**TABLE 2.23 SOCIAL WELFARE ESTABLISHMENTS (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>School for the Home Science</b>							
(1) Number of Schools	7	7	9	9	10	10	11
(2) Trainees	2524	4121	9491	12069	10574	4623	7046
<b>Rehabilitation Centre for Ex-drug Addicts</b>							
(1) Number of Centres	10	12	12	12	12	11	11
(2) Trainees	105	296	299	310	566	279	468
<b>Centre for Women Care</b>							
(1) Number of Centres	-	-	2	2	2	2	2
(2) Number of Women	-	-	53	50	-	2	3
<b>Temporary Shelter for Victims of Trafficking</b>							
(1) Number of Shelters	-	1	4	4	4	4	4
(2) Number of Victims	-	175	824	322	144	490	462
<b>Day Care Centre for the Aged</b>							
(1) Number of Centres	-	-	1	1	1	1	1
(2) Number of the elderly	-	-	70	70	70	70	70
<b>Social Safety Net and Social Protection Services</b>							
(1) Number of Program	-	-	-	-	2	2	2
(2) Social Pension	-	-	-	-	40982	43439	188740
(3) Maternal and Child Cash Transfer Program	-	-	-	-	74093	98546	205433
<b>One Stop Women Support Center (OSWSC)</b>							
(1) Number of Centers	-	-	-	-	-	-	4
(2) Number of Survivors	-	-	-	-	-	-	145
<b>NGOs</b>							
<b>Voluntary Pre-Primary School</b>							
(1) Number of Schools	796	720	921	975	978 (r)	1025	1025
(2) Number of Children	18946	25428	34849	35732	35179	35965	35965
<b>Voluntary Youth Development Centre</b>							
(1) Number of Centres	155	210	228	226	229	223	231
(2) Number of Children	13446	18250	10329	18395	20180	19756	21933
<b>Voluntary Vocational Training School for Women</b>							
(1) Number of Schools	10	10	11	11	12	12	13
(2) Trainees	689	584	708	669	824	871	1084
<b>Voluntary School for the Persons with Visual Disabilities</b>							
(1) Number of Schools	5	5	6	5	6	6	6
(2) Trainees	497	445	506	433	370	871	497
<b>Voluntary School for the Persons with Hearing Disabilities</b>							
(1) Number of Schools	1	1	1	1	1	1	1
(2) Trainees	350	337	233	234	182	203	221
<b>Home for the Aged</b>							
(1) Number of Homes	45	56	75	81	80	83	82
(2) Number of the elderly	1977	2077	2576	2675	2866	2886	2993
<b>Voluntary School for the Children with Disabilities</b>							
(1) Number of Centres	-	-	3	5	5	5	5
(2) Trainees	-	-	388	540	533	533	554

Note: Women's Home (Yangon, Mandalay) were renamed as Women's Development Centre in 1998. Training School for Women was renamed as Vocational Training Centre for Women in 1998. School for the Home Science was opened in 1997. NGOs: Non-Governmental Organizations Shwepyithit Rehabilitation Centre is convened as the Security Police Force by the Ministry of Home Affairs.

Source: 1. Department of Social Welfare.  
2. Rehabilitation Department.

**TABLE 2.24 PENSIONERS AND PENSIONARY EXPENDITURES**  
Year 2018/2019, absolute values

States and Regions	Pensioners and Pensionary Expenditures (Political)					
	Male		Female		Total	
	No. of Pensioners	Pensionary Expenditures (Million Kyats)	No. of Pensioners	Pensionary Expenditures (Million Kyats)	No. of Pensioners	Pensionary Expenditures (Million Kyats)
<b>Union</b>	<b>32,018</b>	<b>22,519.49</b>	<b>20,998</b>	<b>14,519.11</b>	<b>53,016</b>	<b>37,038.60</b>
Kachin State	927	727.58	723	567.46	1,650	1,295.04
Kayah State	307	238.40	159	123.47	466	361.88
Kayin State	467	343.10	306	224.82	773	567.92
Chin State	756	509.83	617	416.09	1,373	925.92
Sagaing Region	4,318	2,873.26	2,971	1,976.94	7,289	4,850.20
Taninthayi Region	517	369.02	343	244.82	860	613.84
Bago Region	1,827	1,185.50	1,305	846.78	3,132	2,032.28
Bago Region (West)	1,748	1,095.04	1,187	743.60	2,935	1,838.65
Magway Region	3,282	2,154.80	2,441	1,602.64	5,723	3,757.44
Mandalay Region	3,873	2,758.02	2,544	1,811.62	6,417	4,569.64
Mon State	979	655.92	584	391.27	1,563	1,047.19
Rakhine State	2,069	1,325.68	1,737	1,112.95	3,806	2,438.63
Yangon Region	4,205	3,584.63	1,657	1,412.54	5,862	4,997.17
Shan State (East)	274	740.10	158	426.78	432	1,166.88
Shan State (South)	918	200.19	591	128.88	1,509	329.08
Shan State (North)	796	575.66	451	326.16	1,247	901.81
Ayeyawady Region	4,163	2,678.58	2,802	1,802.88	6,965	4,481.45
Nay Pyi Taw	592	504.19	422	359.41	1,014	863.60

**TABLE 2.24 PENSIONERS AND PENSIONARY EXPENDITURES (cont'd)**  
Year 2018/2019, absolute values

States and Regions	Pensioners and Pensionary Expenditures (Defence)					
	Male		Female		Total	
	No. of Pensioners	Pensionary Expenditures (Million Kyats)	No. of Pensioners	Pensionary Expenditures (Million Kyats)	No. of Pensioners	Pensionary Expenditures (Million Kyats)
<b>Union</b>	<b>153,092</b>	<b>231,596.26</b>	<b>96,407</b>	<b>145,843.68</b>	<b>249,499</b>	<b>377,439.94</b>
Kachin State	4,481	7,041.43	3,444	4,434.22	7,925	11,475.65
Kayah State	997	1,463.67	656	921.72	1,653	2,385.39
Kayin State	3,220	4,580.76	2,126	2,884.65	5,346	7,465.41
Chin State	1,173	1,075.69	972	677.40	2,145	1,753.09
Sagaing Region	7,160	9,214.10	5,049	5,802.42	12,209	15,016.52
Taninthayi Region	1,849	3,104.31	1,145	1,954.88	2,994	5,059.19
Bago Region	10,608	14,072.87	6,690	8,862.14	17,298	22,935.02
Bago Region (West)	7,231	10,824.47	4,355	6,816.52	11,586	17,641.00
Magway Region	8,709	12,637.97	6,191	7,958.54	14,900	20,596.51
Mandalay Region	17,766	28,341.14	11,700	17,847.33	29,466	46,188.47
Mon State	6,177	8,087.80	4,055	5,093.15	10,232	13,180.95
Rakhine State	4,653	7,143.55	3,090	4,498.52	7,743	11,642.07
Yangon Region	50,427	79,650.94	29,378	50,158.78	79,805	129,809.72
Shan State (East)	1,816	3,149.21	1,070	1,983.16	2,886	5,132.37
Shan State (South)	5,807	10,139.81	3,992	6,385.37	9,799	16,525.18
Shan State (North)	4,363	7,056.30	3,139	4,443.58	7,502	11,499.88
Ayeyawady Region	9,532	11,591.27	6,206	7,299.40	15,738	18,890.67
Nay Pyi Taw	7,123	12,420.98	3,149	7,821.89	10,272	20,242.87



**TABLE 2.24 PENSIONERS AND PENSIONARY EXPENDITURES (cont'd)**  
Year 2018/2019, absolute values

States and Regions	Pensioners and Pensionary Expenditures (Department)					
	Male		Female		Total	
	No. of Pensioners	Pensionary Expenditures (Million Kyats)	No. of Pensioners	Pensionary Expenditures (Million Kyats)	No. of Pensioners	Pensionary Expenditures (Million Kyats)
<b>Union</b>	<b>180,238</b>	<b>175,691.81</b>	<b>244,956</b>	<b>237,404.66</b>	<b>425,194</b>	<b>413,096.47</b>
Kachin State	3,447	3,273.74	4,705	4,468.51	8,152	7,742.25
Kayah State	1,367	1,227.44	1,567	1,407.03	2,934	2,634.47
Kayin State	2,656	2,384.58	3,199	2,872.09	5,855	5,256.68
Chin State	2,675	2,461.68	2,401	2,209.53	5,076	4,671.22
Sagaing Region	14,913	14,591.72	18,300	17,905.75	33,213	32,497.48
Taninthayi Region	2,279	2,165.60	3,324	3,158.60	5,603	5,324.20
Bago Region	9,781	9,114.48	12,499	11,647.26	22,280	20,761.74
Bago Region (West)	9,696	9,081.63	11,991	11,231.21	21,687	20,312.85
Magway Region	13,211	12,804.30	16,941	16,419.47	30,152	29,223.77
Mandalay Region	22,238	21,911.83	30,378	29,932.43	52,616	51,844.26
Mon State	6,027	5,801.23	9,235	8,889.06	15,262	14,690.28
Rakhine State	7,638	7,176.20	8,310	7,807.57	15,948	14,983.78
Yangon Region	53,731	53,156.90	82,350	81,470.11	136,081	134,627.00
Shan State (East)	754	4,660.45	988	6,106.79	1,742	10,767.24
Shan State (South)	2,810	505.28	6,243	1,122.58	9,053	1,627.85
Shan State (North)	4,035	3,239.67	4,323	3,470.90	8,358	6,710.57
Ayeyawady Region	17,074	16,921.11	22,069	21,871.38	39,143	38,792.49
Nay Pyi Taw	5,906	5,213.98	6,133	5,414.38	12,039	10,628.36

**TABLE 2.24 PENSIONERS AND PENSIONARY EXPENDITURES (concl'd)**  
Year 2018/2019, absolute values

Ministry / Enterprises	Pensioners and Pensionary Expenditures (Enterprises)					
	Male		Female		Total	
	No. of Pensioners	Pensionary Expenditures (Million Kyats )	No. of Pensioners	Pensionary Expenditures (Million Kyats )	No. of Pensioners	Pensionary Expenditures (Million Kyats)
<b>Total</b>	<b>77,034</b>	<b>143,145.65</b>	<b>81,296</b>	<b>145,434.80</b>	<b>158,330</b>	<b>288,580.46</b>
Ministry of Defence	499	884.18	778	494.36	1,277	1,378.55
Ministry of Planning, Finance and Industry	19,733	33,480.67	25,986	44,090.04	45,719	77,570.71
Ministry of Information	460	402.63	398	348.36	858	750.98
Ministry of Transport and Communications	21,821	19,702.74	22,181	20,027.79	44,002	39,730.53
Ministry of Natural Resources and Environmental Conservation	15,295	70,734.61	13,823	63,927.07	29,118	134,661.68
Ministry of Electricity and Energy	13,972	15,042.72	12,252	13,190.91	26,224	28,233.63
Central Bank of Myanmar	283	307.62	518	563.07	801	870.70
Development Committee	4,971	2,590.49	5,360	2,793.20	10,331	5,383.69

Source : Pension Department.

METHODOLOGY SHEET | **Development of Border Areas**

<b>Responsible Unit (Service or Structure)</b>	Progress of Border Areas and National Races Department
<b>Level of Disaggregation</b>	Border Area (21 regions)
<b>Study Variables</b>	Development works
<b>Classification Variables</b>	By Sector
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Border area development activities
<b>Table</b>	2.25

**TABLE 2.25 MEASURES TAKEN FOR THE DEVELOPMENT OF BORDER AREAS AND NATIONAL RACES**  
Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Construction</b>								
1. Earth Roads	Mile	3347	4479	8349	8397	8817	9506	9506
2. Gravel Roads	Mile	2098	3203	5977	6046	6236	6611	6613
3. Concrete Roads	Mile	-	-	-	32	40	62	63
4. Asphalt Roads	Mile	383	476	3007	3012	3078	3111	3111
5. Extension of Roads	Mile	-	-	-	105	105	234	234
6. Maintenance Work	Mile	3338	3590	4464	4472	4489	4622	4623
7. Bridges	No.	796	1748	4004	4047	4126	4307	4307
Big	No.	59	119	319	323	326	333	333
Small	No.	737	1629	3685	3724	3800	3974	3974
8. Suspension	No.	35	66	139	139	139	139	139
9. Culvert	No.	-	-	1330	1360	1559	1978	1978
10. Box Culvert	No.	-	-	-	-	482	2849	2851
11. Course Way	No.	-	-	-	-	2	27	27
<b>Education</b>								
1. Schools	No.	1034	1074	1125	1125	1125	1125	1427
(a) Primary	No.	852	888	911	911	880	880	1143
(b) Middle	No.	90	92	103	103	103	103	133
(c) High	No.	92	94	111	111	142	142	151
<b>Health</b>								
1. Hospitals	No.	79	100	101	101	101	110	111
2. Dispensaries	No.	303	392	533	533	533	615	617
<b>Power</b>								
1. Regions with Electricity	No.	196	207	211	211	211	277	277
2. Hydro Electric Power	No.	11	51	136	138	138	139	139
3. Solar Power	No.	-	-	20922	32386	32386	52730	52730
4. Electrification	No.	-	-	-	-	19	60	60
<b>Agriculture, Livestock and Fishery</b>								
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	82	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	14	14	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	25	25	25	25	25
10. Fish Farms	No.	7	7	-	-	-	-	-
11. Fish Ponds	No.	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, 2015/2016 - 2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Telecommunication</b>								
1. Post Offices	No.	52	54	53	53	53	53	53
2. Telephone	No.	85	86	86	86	86	86	86
3. Telegraph Offices*	No.	44	47	45	45	45	45	45
4. T.V Sub-stations	No.	108	112	114	114	114	114	114
5. T.V Receive only	No.	3	3	3	3	3	3	3
6. Library	No.	-	-	26	26	26	26	26
<b>Housing</b>								
1. Buildings	No.	-	-	169	169	199	199	220
2. Buildings for sports	No.	-	-	13	13	13	13	13
3. Water Supply	No.	-	-	269	269	578	578	792
4. Housing for war veterans	No.	-	-	908	908	1981	1981	2645
5. Staff Quarter	No.	-	-	123	123	191	191	231
6. Security Station	No.	-	-	-	-	25	25	25
7. Ceti	No.	43	52	52	52	52	59	59
8. Monastery	No.	247	286	345	358	358	375	375
9. Monastic Schools	No.	12	15	15	16	16	18	18
10. Renovation of Religious edifices	No.	48/44	65/47	114/51	116/52	116/52	131/53	131/53
<b>Mineral Explorations and Mining</b>								
(a) Ruby	Carat	249281	249281	249281	249281	249281	249281	249281
(b) Sapphire	No.	508	508	508	508	508	508	508
Staff Members	No.	463	709	683	866	1074	1066	1057
(a) Male	No.	242	495	482	607	708	700	702
(b) Female	No.	221	214	201	259	366	366	355
<b>Social Welfare</b>								
1. Vocational Training Schools of Domestic Science for Women	No.	34	36	37	43	45	45	46
Domestic Science Trainees	No.	17883	38500	65744	72709	80550	83737	89896
2. Parahita	No.	1	1	1	1	1	1	1
3. Training Schools for Development of Nationalities Youths from Border Areas	No.	26	27	38	44	44	44	44
4. Nationalities Youth Resource Development Degree Collage	No.	2	2	2	2	2	2	2
Trainees	No.	574	1780	2969	3474	3474	3870	4271
5. University for the Development of the National Races of the Union	No.	1	1	1	1	1	1	1
Trainees	No.	9929	12104	12797	13128	13128	13304	13700

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 Sagaing Region.

Source : Progress of Border Areas and National Races Department.

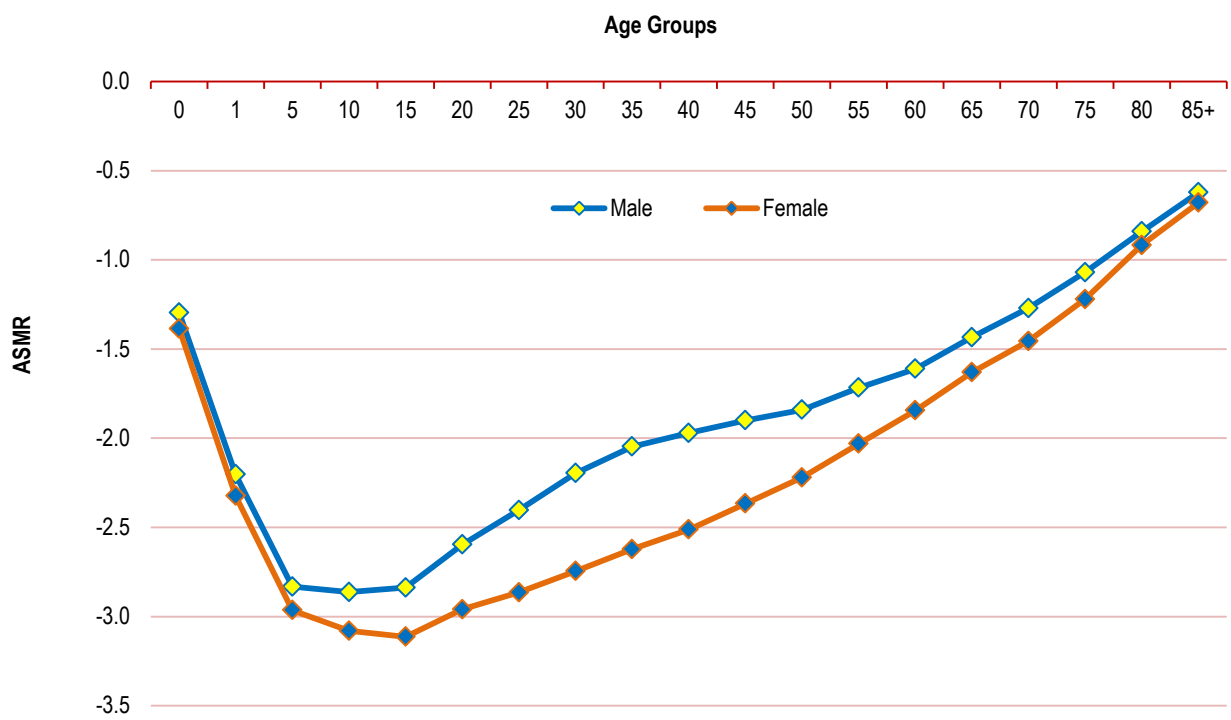


# 3

## Vital Statistics

The **natural increase** rate was **11.0** per thousand population in 2018. | In 2018 the **infant mortality** rate declined significantly to **41.8** as compared to 42.8 the previous year, and the **under five mortality** rate also fell to 60.2 from 62.6. | The **average number of children** per woman was **1.9** in urban areas and **2.7** in rural ones. | From 2017 to 2018 the **life expectancy** women increased progressively in all age groups. | Women confirmed their greater **longevity** than men: their life expectancy at birth was **70.9** in 2018 against **61.3** of men. | The main leading cause of death was **cerebrovascular diseases**, recording 67.3 deaths per hundred thousand people in urban areas.

**FIGURE 3.1** AGE-SPECIFIC MORTALITY RATE (LOG SCALE) BY SEX AND AGE OF DECEDENT, UNION, 2018



Source : CRVS System, Central Statistical Organization

## VITAL STATISTICS

### METHODOLOGY SHEET | Number of Vital Events

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

**TABLE 3.01 REGISTERED NUMBER OF BIRTHS, DEATHS, INFANT, UNDER 5 AND MATERNAL DEATHS BY UNION, URBAN/RURAL**

Years 2014-2018, absolute value

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
	2016	765,844	213,187	9,476	11,366	276
	2017	787,172	231,210	9,761	11,746	364
	2018	842,816	264,620	11,095	12,768	408
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
	2016	250,564	88,606	4,819	5,568	106
	2017	241,200	89,779	3,718	4,452	115
	2018	261,402	96,832	3,856	4,413	129
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
	2016	515,280	124,581	4,657	5,798	170
	2017	545,972	141,431	6,043	7,294	249
	2018	581,414	167,788	7,239	8,355	279

Notes: The vital events using from 1 January to 31 December of the calendar year from Civil Registration and vital Statistics-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**

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

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

Years 2014-2019, per 1,000 population, per 1,000 livebirths and per 100,000 livebirths

Area	Year	Number of Reporting Towns/ Townships	per 1,000 population			per 1,000 live-births		per 100,000 live-births
			Natural Increase Rate	Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Under Five Mortality Rate	Maternal Mortality Ratio
Union	2014	322/288	11.1	20.6	9.5	45.9	66.5	209
	2014 *	-	-	20.4	9.3	58.9	71.8 **	282 ***
	2015	322/288	11.1	20.4	9.3	44.8	65.3	236
	2016	322/288	11.1	20.2	9.1	43.8	64.0	203
	2017	322/288	11.0	19.9	8.9	42.8	62.6	202
	2018	322/288	11.0	19.7	8.7	41.8	60.2	208
	2019	-	10.9	19.5 (p)	8.6 (p)	40.8 (p)	58.4 (p)	-
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	-
	2016	322	7.6	16.9	9.3	30.2	42.8	-
	2017	322	7.8	16.9	9.1	29.6	41.9	-
	2018	322	7.9	16.9	9.0	29.0	41.0	-
	2019	-	8.2	17.0 (p)	8.8 (p)	28.3 (p)	39.9 (p)	-
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	-
	2016	288	12.5	21.5	9.0	48.2	70.9	-
	2017	288	12.4	21.2	8.8	47.2	69.5	-
	2018	288	12.3	20.9	8.6	46.2	66.8	-
	2019	-	12.1	20.6 (p)	8.5 (p)	45.1 (p)	64.7 (p)	-

Notes : Based on Civil Registration and Vital Statistics-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)**

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

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

Years 2014-2018, 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
	2016	28	113	141	114	71	22	3	2.5
	2017	30	113	137	113	71	23	3	2.4
	2018	30	110	135	112	71	24	3	2.4
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
	2016	21	80	107	95	57	15	1	1.9
	2017	23	80	104	94	57	16	2	1.9
	2018	23	77	102	95	59	18	2	1.9
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
	2016	32	131	157	121	76	26	3	2.7
	2017	33	131	153	120	77	26	3	2.7
	2018	33	129	152	118	76	27	3	2.7

Notes : Based on Civil Registration and Vital Statistics-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)

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

**TABLE 3.04 AGE-SPECIFIC MORTALITY RATE BY SEX (UNION)**  
Years 2016-2018, per 1,000 population in each age group

Age group	2016			2017			2018		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Under 1	45.8	50.5	41.0	44.7	49.4	39.9	43.6	47.9	39.1
1 - 4	5.5	6.3	4.7	5.3	6.1	4.6	4.9	5.6	4.2
5 - 9	1.3	1.5	1.1	1.3	1.5	1.1	1.2	1.4	1.0
10-14	1.1	1.4	0.8	1.1	1.3	0.8	1.1	1.3	0.8
15-19	1.1	1.4	0.8	1.1	1.5	0.8	1.0	1.4	0.7
20-24	1.8	2.5	1.1	1.8	2.5	1.1	1.6	2.4	1.0
25-29	2.6	4.0	1.4	2.6	4.0	1.4	2.5	3.9	1.2
30-34	4.0	6.4	1.8	3.9	6.2	1.7	3.7	6.0	1.5
35-39	5.5	8.9	2.4	5.3	8.7	2.3	5.1	8.4	2.1
40-44	6.7	10.7	3.1	6.4	10.2	3.0	6.2	10.0	2.8
45-49	8.2	12.6	4.4	7.8	12.0	4.2	7.6	11.7	3.9
50-54	9.9	14.4	6.0	9.8	14.4	5.9	9.5	13.8	5.8
55-59	13.8	19.2	9.3	13.2	18.3	9.0	12.6	17.6	8.5
60-64	18.9	24.5	14.3	18.6	24.6	13.9	17.9	23.9	13.2
65-69	29.2	36.8	23.4	27.9	35.3	22.2	26.6	34.3	20.9
70-74	42.7	53.6	35.0	41.7	52.4	34.3	40.6	52.6	32.3
75-79	70.1	85.1	60.1	66.5	80.7	57.3	64.4	80.4	54.2
80-84	129.9	144.3	120.9	128.4	143.3	119.3	132.7	148.8	122.5
85 & +	219.3	238.8	209.0	214.6	234.6	204.1	220.1	242.3	209.1

Note : Based on Civil Registration and Vital Statistics-CRVS System.

Source : CRVS System, Central Statistical Organization.

**TABLE 3.05 AGE-SPECIFIC MORTALITY RATE BY SEX (URBAN)**  
Years 2016-2018, per 1,000 population in each age group

Age group	2016			2017			2018		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Under 1	31.5	35.3	27.6	30.9	34.6	27.0	30.2	33.4	26.8
1 - 4	3.4	3.6	3.3	3.4	3.5	3.2	3.3	3.5	3.1
5 - 9	0.9	1.0	0.7	0.9	1.0	0.7	0.8	1.0	0.7
10-14	0.9	1.1	0.6	0.8	1.1	0.6	0.8	1.0	0.6
15-19	1.1	1.4	0.7	1.0	1.4	0.7	1.0	1.3	0.6
20-24	1.7	2.4	1.0	1.6	2.3	0.9	1.5	2.1	0.8
25-29	2.8	4.4	1.3	2.7	4.3	1.2	2.5	4.0	1.0
30-34	4.7	7.6	1.9	4.4	7.4	1.6	4.2	7.0	1.5
35-39	6.7	11.2	2.5	6.4	10.9	2.3	6.1	10.4	2.1
40-44	8.1	13.7	3.3	7.8	13.3	3.0	7.6	12.9	3.0
45-49	9.8	16.3	4.5	9.2	15.2	4.3	9.0	14.9	4.2
50-54	11.8	18.5	6.5	11.6	18.3	6.5	11.1	17.5	6.1
55-59	15.4	23.2	9.6	15.1	22.3	9.7	14.2	21.6	8.8
60-64	21.0	28.6	15.4	20.5	29.1	14.3	19.7	28.3	13.7
65-69	30.2	40.7	22.9	28.8	38.6	22.1	28.3	38.6	21.3
70-74	42.5	57.0	32.9	42.1	55.7	33.3	40.5	55.6	30.9
75-79	69.4	89.9	56.6	66.5	83.7	55.9	63.6	82.4	52.4
80-84	126.0	146.8	113.9	127.6	150.5	114.6	129.2	151.8	116.5
85 & +	214.0	243.1	200.1	212.9	248.1	196.0	218.0	260.2	204.1

Note : Based on Civil Registration and Vital Statistics-CRVS System.

Source : CRVS System, Central Statistical Organization.

**TABLE 3.06 AGE-SPECIFIC MORTALITY RATE BY SEX (RURAL)**  
Years 2016-2018, per 1,000 population in each age group

Age group	2016			2017			2018		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Under 1	50.5	55.5	45.4	49.3	54.3	44.2	48.2	52.9	43.3
1 - 4	6.2	7.1	5.2	6.0	6.9	5.0	5.3	6.1	4.5
5 - 9	1.4	1.6	1.2	1.4	1.6	1.2	1.4	1.6	1.2
10-14	1.2	1.5	0.9	1.2	1.4	0.9	1.1	1.4	0.9
15-19	1.2	1.5	0.8	1.2	1.5	0.8	1.1	1.4	0.8
20-24	1.8	2.6	1.2	1.9	2.6	1.2	1.8	2.5	1.1
25-29	2.5	3.7	1.4	2.6	3.8	1.4	2.5	3.9	1.3
30-34	3.6	5.6	1.7	3.6	5.6	1.8	3.4	5.5	1.5
35-39	4.9	7.7	2.3	4.8	7.5	2.3	4.7	7.5	2.2
40-44	5.9	9.1	3.0	5.7	8.7	3.0	5.5	8.6	2.6
45-49	7.3	10.7	4.2	7.1	10.5	4.1	6.9	10.3	3.8
50-54	8.8	12.4	5.6	8.9	12.7	5.6	8.7	12.2	5.6
55-59	13.1	17.6	9.1	12.3	16.7	8.6	11.9	16.0	8.4
60-64	17.9	23.1	13.5	17.8	22.8	13.6	17.1	22.2	12.9
65-69	29.0	35.6	23.7	27.7	34.5	22.2	26.0	32.8	20.6
70-74	43.3	53.0	36.3	41.8	51.5	34.8	40.8	51.7	32.9
75-79	71.8	85.1	62.6	67.3	80.9	58.2	65.2	80.4	55.2
80-84	134.0	147.3	125.5	130.0	142.4	122.1	135.3	149.2	125.9
85 & +	223.3	242.2	212.7	216.1	231.1	207.8	221.7	244.0	209.7

Note : Based on Civil Registration and Vital Statistics-CRVS System.

Source : CRVS System, Central Statistical Organization.

## METHODOLOGY SHEET | Life Expectancy at Birth

<b>Responsible Unit (Service or Structure)</b>	Vital Registration System in Collaboration with Central Statistical Organization and Department of Public Health
<b>Level of Disaggregation</b>	Union, Urban, Rural , Sex
<b>Study Variables</b>	Life Expectancy at Birth
<b>Classification Variables</b>	Life Expectancy by Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Quarterly, Yearly
<b>Units</b>	Resident people
<b>Table</b>	3.07

**TABLE 3.07 LIFE EXPECTANCY AT BIRTH BY SEX, UNION, URBAN/RURAL**  
Years 2014-2019, 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
2016	65.0	60.3	69.8	65.6	60.0	71.4	65.0	60.8	69.3
2017	65.5	60.8	70.2	66.1	60.5	71.8	65.4	61.2	69.7
2018	66.1	61.3	70.9	66.6	60.9	72.4	66.0	61.7	70.4
2019 (p)	66.6	61.8	71.4	67.1	61.4	72.8	66.5	62.1	70.9

Notes : Based on Civil Registration and Vital Statistics-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

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

**TABLE 3.08 CAUSE SPECIFIC DEATH RATE FROM LEADING CAUSES OF DEATH IN URBAN AREAS**  
Years 2017-2018, absolute value and per 100,000 population

Cause Group	2017		2018	
	Number	Rate	Number	Rate
Cerebrovascular disease	10136	64.5	10714	67.3
Other cardiovascular diseases	6885	43.8	7683	48.2
Hypertensive disease	5879	37.4	6476	40.7
Cirrhosis of the liver	4597	29.3	4625	29.0
Other digestive diseases	3697	23.5	4286	26.8
Ischaemic heart disease	3730	23.7	4008	25.2
Diabetes mellitus	3612	23.0	3677	23.1
Road traffic accidents	2754	17.5	2803	17.6
Tuberculosis	2582	16.4	2584	16.1
Alcohol use disorders	2183	13.9	2525	15.9
Ill-defined diseases (ICD10 R00-R99)	13620	86.7	15117	95.0

Note : Classification of Diseases are based on Mortality Tabulation List 1 of International Classification of Diseases (ICD), 10<sup>th</sup> Revision. Source : CRVS System, Central Statistical Organization.



METHODOLOGY SHEET | **CAUSE SPECIFIC MORTALITY FRACTION FROM LEADING  
CAUSES OF DEATH FOR COMMUNITY AND HOSPITAL DEATHS**

<b>Responsible Unit (Service or Structure)</b>	Central Statistical Organization and Department of Public Health
<b>Level of Disaggregation</b>	Sex and Age group
<b>Study Variables</b>	Number and percentage of leading causes of death
<b>Classification Variables</b>	Yearly single leading causes
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Quarterly, Yearly
<b>Units</b>	Resident People and Hospital Deaths From 42 townships across 15 States and Regions
<b>Table</b>	3.09

**TABLE 3.09 CAUSE SPECIFIC MORTALITY FRACTION FROM LEADING CAUSES OF DEATH FOR  
COMMUNITY AND HOSPITAL DEATHS**  
Years 2018-2019, absolute and percentage value

Causes of Death	2018						2019					
	Male		Female		Total		Male		Female		Total	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
<b>Neonate Death ( 0 to 28 days)</b>												
Total	1891	100	1429	100	3320	100	1828	100	1444	100	3272	100
Meningitis/Sepsis	603	31.9	402	28.1	1004	30.3	500	27.3	374	25.9	874	26.7
Preterm Delivery	330	17.5	288	20.2	618	18.6	391	21.4	338	23.4	729	22.3
Birth Asphyxia	344	18.2	219	15.3	562	16.9	343	18.7	226	15.6	568	17.4
Congenital malformation	269	14.2	286	20.0	555	16.7	234	12.8	204	14.1	438	13.4
Pneumonia	161	8.5	98	6.9	259	7.8	114	6.2	148	10.2	262	8.0
All other causes of death	184	9.7	136	9.5	321	9.7	247	13.5	154	10.6	400	12.2

**TABLE 3.09 CAUSE SPECIFIC MORTALITY FRACTION FROM LEADING CAUSES OF DEATH FOR COMMUNITY AND HOSPITAL DEATHS (concl'd)**  
Years 2018-2019, absolute and percentage value

Causes of Death	2018						2019					
	Male		Female		Total		Male		Female		Total	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
<b>Child (29 days to 11 years)</b>												
<b>Total</b>	2579	100	2005	100	4584	100	2505	100	2056	100	4561	100
Pneumonia	315	12.2	308	15.4	624	13.6	300	12.0	412	20.0	712	15.6
Drowning	271	10.5	129	6.4	401	8.7	281	11.2	76	3.7	357	7.8
Meningitis	175	6.8	147	7.3	322	7.0	174	7.0	164	8.0	338	7.4
Diarrhea/Dysentery	155	6.0	88	4.4	244	5.3	173	6.9	144	7.0	316	6.9
Childhood Cancers	201	7.8	149	7.4	350	7.6	153	6.1	151	7.3	304	6.7
Digestive Diseases	122	4.7	124	6.2	246	5.4	163	6.5	97	4.7	260	5.7
Childhood Cardiovascular Diseases	149	5.8	102	5.1	251	5.5	161	6.4	99	4.8	259	5.7
AIDS	120	4.7	58	2.9	179	3.9	70	2.8	105	5.1	175	3.8
Encephalitis	51	2.0	65	3.3	116	2.5	105	4.2	65	3.2	170	3.7
Other Infectious Diseases	56	2.2	52	2.6	109	2.4	87	3.5	63	3.1	150	3.3
Hemorrhagic fever	46	1.8	73	3.6	119	2.6	39	1.6	57	2.8	96	2.1
Road Traffic Accidents	62	2.4	17	0.8	78	1.7	33	1.3	15	0.7	48	1.1
Falls	46	1.8	16	0.8	61	1.3	31	1.2	15	0.7	46	1.0
Measles	14	0.5	37	1.8	50	1.1	31	1.2	10	0.5	41	0.9
All other causes of death	186	7.2	175	8.7	361	7.9	242	9.7	178	8.7	420	9.2
Ill-defined diseases (R00-R99)	609	23.6	464	23.1	1073	23.4	459	18.3	407	19.8	866	19.0
<b>Adult (Over 12 Years)</b>												
<b>Total</b>	30851	100	27879	100	58730	100	31787	100	27807	100	59593	100
Stroke	6242	20.2	6213	22.3	12455	21.2	6526	20.5	6401	23.0	12927	21.7
Ischemic Heart Disease	2279	7.4	3547	12.7	5826	9.9	2819	8.9	4332	15.6	7151	12.0
Chronic Respiratory Diseases	2495	8.1	2920	10.5	5415	9.2	2424	7.6	2898	10.4	5321	8.9
Cirrhosis	3236	10.5	645	2.3	3880	6.6	4403	13.9	822	3.0	5225	8.8
Diabetes	1378	4.5	1940	7.0	3318	5.6	1412	4.4	2149	7.7	3560	6.0
Other Non-communicable Diseases	1597	5.2	1021	3.7	2618	4.5	1567	4.9	858	3.1	2425	4.1
Pneumonia	963	3.1	809	2.9	1773	3.0	1083	3.4	862	3.1	1945	3.3
Chronic Kidney Disease	634	2.1	612	2.2	1247	2.1	772	2.4	757	2.7	1529	2.6
TB	941	3.0	428	1.5	1368	2.3	790	2.5	391	1.4	1181	2.0
Road Traffic Accidents	836	2.7	227	0.8	1064	1.8	848	2.7	209	0.8	1057	1.8
Leukemia/Lymphomas	450	1.5	402	1.4	853	1.5	364	1.1	367	1.3	731	1.2
Esophageal Cancer	401	1.3	282	1.0	683	1.2	382	1.2	345	1.2	727	1.2
Other Infectious Diseases	408	1.3	164	0.6	572	1.0	480	1.5	206	0.7	685	1.2
Other Cardiovascular Diseases	338	1.1	221	0.8	559	1.0	436	1.4	234	0.8	670	1.1
All other causes of death	3745	12.1	3237	11.6	6981	11.9	3510	11.0	3018	10.9	6529	11.0
Ill-defined diseases (R00-R99)	4908	15.9	5211	18.7	10119	17.2	3969	12.5	3959	14.2	7928	13.3

Note : Integrate Medically Certified Causes of Death for hospital deaths and Verbal Autopsy Causes of Death for community deaths from 42 townships across 15 States and Regions.

Source : Central Statistical Organization.

METHODOLOGY SHEET | **CAUSE SPECIFIC MORTALITY FRACTION FROM LEADING CAUSES OF DEATH FOR COMMUNITY DEATHS**

<b>Responsible Unit (Service or Structure)</b>	Central Statistical Organization and Department of Public Health
<b>Level of Disaggregation</b>	Sex and Age group
<b>Study Variables</b>	Number and percentage of leading causes of death
<b>Classification Variables</b>	Yearly single leading causes
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Quarterly, Yearly
<b>Units</b>	Resident people from 42 townships across 15 States and Regions (collected by Verbal Autopsy method)
<b>Table</b>	3.10

**TABLE 3.10 CAUSE SPECIFIC MORTALITY FRACTION FROM LEADING CAUSES OF DEATH FOR COMMUNITY DEATHS**  
Years 2018-2019, absolute and percentage value

Causes of Death	2018						2019					
	Male		Female		Total		Male		Female		Total	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
<b>Neonate Death (0 to 28 days)</b>												
<b>Total</b>	1396	100	1047	100	2443	100	1147	100	976	100	2123	100
Meningitis/Sepsis	542	38.8	353	33.7	894	36.6	461	40.1	333	34.2	794	37.4
Congenital malformation	230	16.5	259	24.8	489	20.0	196	17.1	179	18.3	375	17.7
Birth Asphyxia	222	15.9	135	12.9	356	14.6	159	13.8	114	11.7	272	12.8
Preterm Delivery	156	11.2	145	13.9	301	12.3	113	9.9	130	13.3	243	11.5
Pneumonia	156	11.2	93	8.9	249	10.2	83	7.2	122	12.5	205	9.7
All other causes of death	90	6.5	62	5.9	153	6.2	136	11.8	98	10.0	233	11.0

**TABLE 3.10 CAUSE SPECIFIC MORTALITY FRACTION FROM LEADING CAUSES OF DEATH FOR COMMUNITY DEATHS (concl'd)**

Years 2018-2019, absolute and percentage value

Causes of Death	2018						2019					
	Male		Female		Total		Male		Female		Total	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
<b>Child (29 days to 11 years)</b>												
<b>Total</b>	2322	100	1777	100	4099	100	2165	100	1788	100	3953	100
Pneumonia	291	12.5	282	15.9	574	14.0	250	11.6	365	20.4	615	15.6
Drowning	259	11.2	120	6.8	380	9.3	259	12.0	70	3.9	329	8.3
Meningitis	164	7.1	141	7.9	305	7.4	165	7.6	145	8.1	310	7.9
Childhood Cancers	191	8.2	141	7.9	332	8.1	152	7.0	150	8.4	302	7.6
Diarrhea/Dysentery	150	6.5	78	4.4	229	5.6	157	7.2	135	7.5	291	7.4
Digestive Diseases	118	5.1	115	6.5	233	5.7	152	7.0	90	5.0	242	6.1
Childhood Cardiovascular Diseases	137	5.9	99	5.6	236	5.8	148	6.8	90	5.0	237	6.0
AIDS	118	5.1	57	3.2	176	4.3	67	3.1	105	5.9	172	4.4
Encephalitis	41	1.8	57	3.2	98	2.4	85	3.9	55	3.1	140	3.5
Other Infectious Diseases	36	1.6	31	1.8	68	1.7	67	3.1	45	2.5	112	2.8
Hemorrhagic fever	46	2.0	73	4.1	119	2.9	31	1.4	55	3.1	86	2.2
Falls	46	2.0	16	0.9	61	1.5	31	1.4	15	0.8	46	1.2
Measles	14	0.6	37	2.1	50	1.2	31	1.4	10	0.6	41	1.0
Bite of Venomous Animal	14	0.6	16	0.9	29	0.7	27	1.2	5	0.3	32	0.8
All other causes of death	109	4.7	63	3.5	172	4.2	94	4.3	60	3.4	154	3.9
Ill-defined diseases (R00-R99)	587	25.3	450	25.3	1037	25.3	447	20.7	395	22.1	842	21.3
<b>Adult (Over 12 Years)</b>												
<b>Total</b>	27199	100	26163	100	53362	100	27715	100	25952	100	53666	100
Stroke	5914	21.7	6003	22.9	11917	22.3	6264	22.6	6282	24.2	12546	23.4
Ischemic Heart Disease	2162	7.9	3475	13.3	5637	10.6	2646	9.5	4192	16.2	6838	12.7
Chronic Respiratory Disease	2414	8.9	2852	10.9	5266	9.9	2345	8.5	2829	10.9	5173	9.6
Cirrhosis	2900	10.7	610	2.3	3509	6.6	4055	14.6	762	2.9	4817	9.0
Diabetes	1309	4.8	1859	7.1	3168	5.9	1345	4.9	2026	7.8	3370	6.3
Pneumonia	913	3.4	787	3.0	1701	3.2	963	3.5	804	3.1	1767	3.3
Other Non-communicable Diseases	1196	4.4	812	3.1	2008	3.8	1116	4.0	632	2.4	1748	3.3
Chronic Kidney Disease	599	2.2	579	2.2	1179	2.2	733	2.6	720	2.8	1453	2.7
TB	821	3.0	397	1.5	1217	2.3	629	2.3	321	1.2	950	1.8
Esophageal Cancer	394	1.4	280	1.1	674	1.3	377	1.4	344	1.3	721	1.3
Leukemia/Lymphomas	442	1.6	395	1.5	838	1.6	356	1.3	362	1.4	718	1.3
Cervical Cancer	377	1.4	207	0.8	584	1.1	376	1.4	235	0.9	611	1.1
Lung Cancer	0	0.0	593	2.3	593	1.1	0	0.0	584	2.2	584	1.1
AIDS	442	1.6	234	0.9	677	1.3	358	1.3	219	0.8	577	1.1
All other causes of death	2691	9.9	2057	7.9	4747	8.9	2480	8.9	1833	7.1	4313	8.0
Ill-defined diseases (R00-R99)	4625	17.0	5024	19.2	9649	18.1	3671	13.2	3808	14.7	7479	13.9

Note : Smart Verbal Autopsy method is applied to ascertain the community causes of death from 42 townships across 15 States and Regions.

Source : Central Statistical Organization.



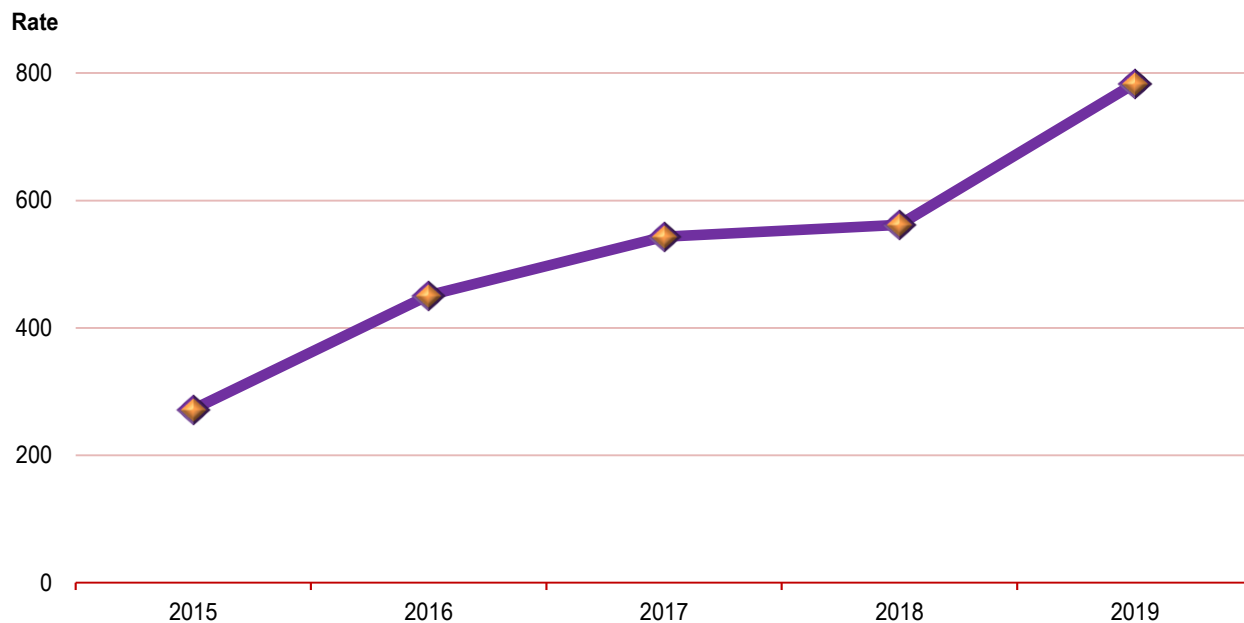


# 4

## Justice and Security

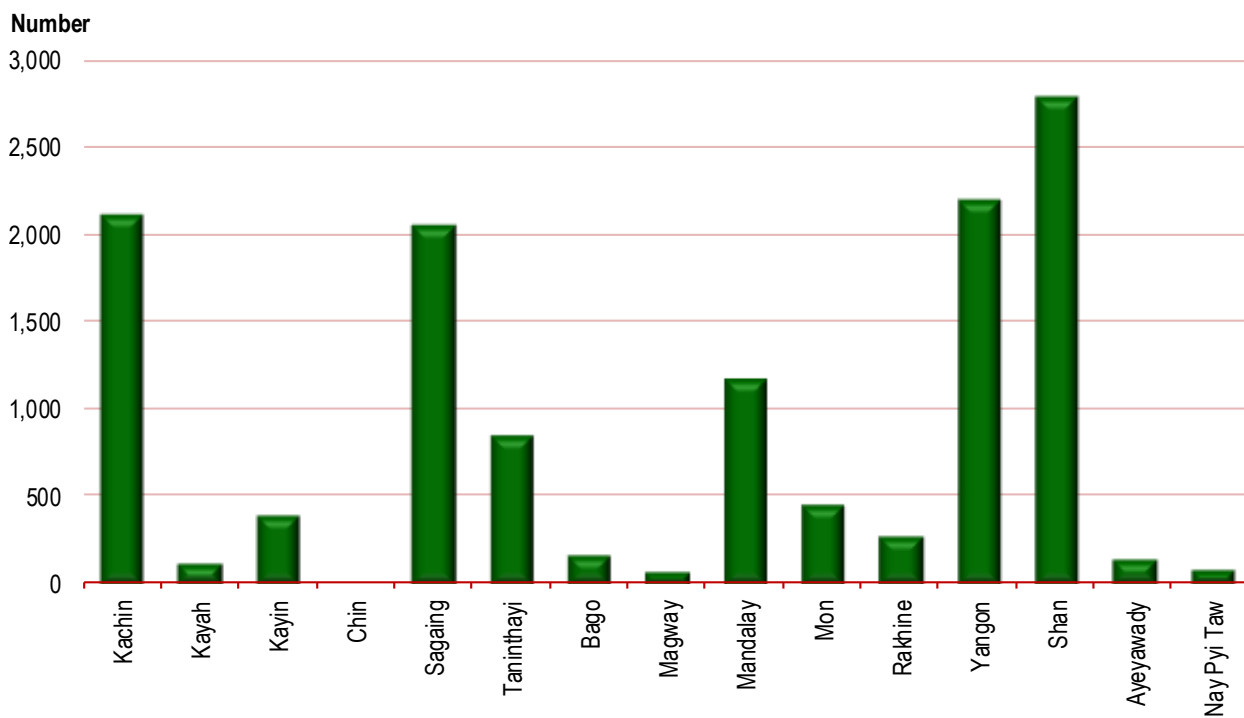
In 2019, for every 100,000 inhabitants, **2.72 murders**, 0.23 robberies, 2.32 rapes and 23.82 narcotic offences were recorded. | In 2019 there were 15,015 Police Officers, 1,480 Law Officers, and 1,262 Judges - **women** represented **12.9%**, **53.8%** and **54.4%** respectively. | In 2019 **96,402** persons were held in Myanmar jails, 48.83% more than in 2010. **11,468** women were held in Myanmar jails, 26.84% more than in 2010. **Women** represented only **11.90%** of all prisoners in 2019. | In 2019 the number of **road accidents** in Myanmar was **16,167**, with 5,325 people killed and 25,072 injured. | In **85.8%** of road accidents **driver's carelessness** was the primary cause. | In **5 traffic accidents** out of **10** motor vehicles were involved.

**FIGURE 4.1** CRIME RATE, PER 100,000 INHABITANTS



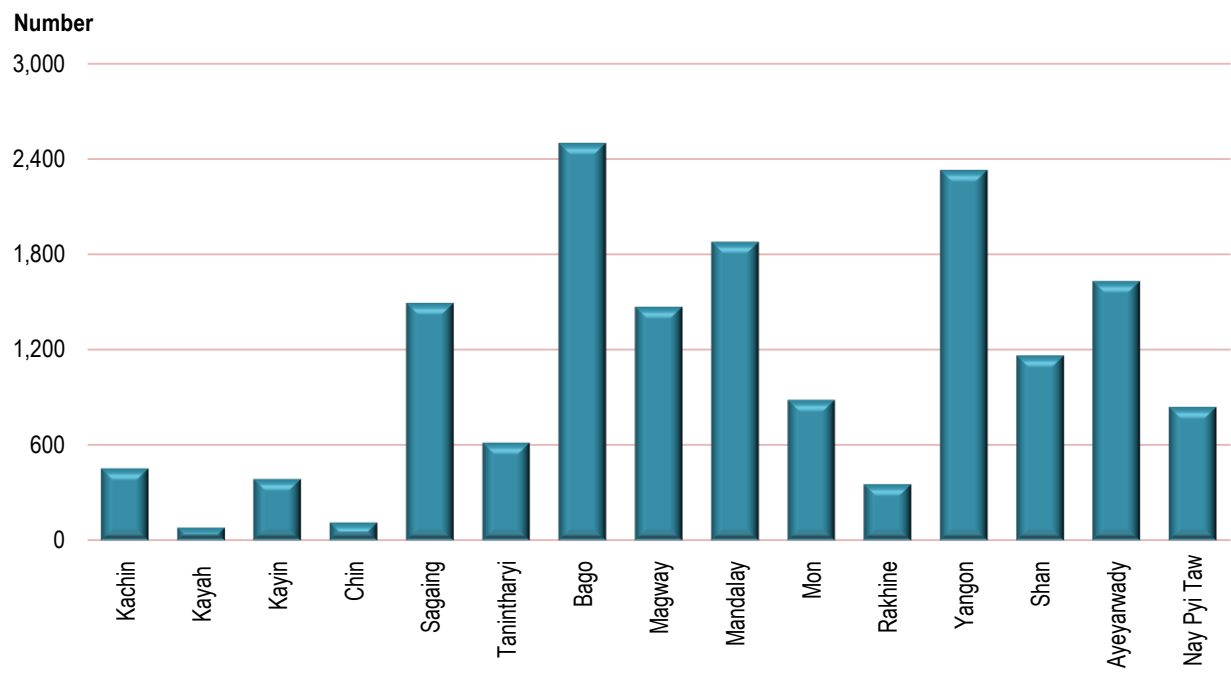
Source : Myanmar Police Force

**FIGURE 4.2** NARCOTIC OFFENCES BY STATES AND REGIONS, 2019



Source : Myanmar Police Force

**FIGURE 4.3** TRAFFIC ACCIDENTS BY STATES AND REGIONS, 2019



Source : Myanmar Police Force



## JUSTICE AND SECURITY

### METHODOLOGY SHEET | Crime

<b>Responsible Unit (Service or Structure)</b>	Myanmar Police Force
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Selected crime by States and Regions, offenders by type of offence by gender, crime rate by type of offence
<b>Classification Variables</b>	By Types and Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Crimes, Offenders
<b>Tables</b>	4.01, 4.02, 4.03, 4.04

**TABLE 4.01 SELECTED CRIMES BY TYPE OF OFFENCE**  
Years 2005, 2010, 2015-2019, absolute values

Type of Crime	2005	2010	2015	2016	2017	2018	2019
Murder	676	795	1,264	1,308	1,397	1,446	1,481
Dacoity	9	18	10	19	19	18	26
Robbery	61	48	136	160	220	204	127
Burglary	10	11	18	25	23	38	30
Kidnap	-	2	-	3	15	6	10
Rape	312	377	682	1100	1,405	1,583	1,261
Theft	3,075	3,248	4,493	4,997	6,115	6,838	6,142
Animal Theft	30	54	91	102	132	127	111
Forgery and Coinage	3	35	38	25	34	34	18
Offences under the People's Property Protection Act	1,038	536	925	1146	1,646	1,438	443
Narcotic Offences	3,109	2,706	6,570	8,748	9,525	12,902	12944
Gambling	6,034	1,904	2,212	3,148	3,211	2,994	2,839
Trafficking in Person (TIP)	-	173	130	131	203	206	239

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, 2015-2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
<b>KACHIN STATE</b>							
Murder	33	35	47	51	82	62	53
Dacoity	-	-	2	3	7	1	1
Robbery	2	1	5	5	9	10	7
Burglary	-	-	1	2	-	1	1
Kidnap	-	-	-	-	3	-	-
Rape	20	9	39	34	32	35	21
Theft	108	128	225	284	226	203	197
Animal Theft	3	3	15	9	9	8	2
Forgery and Coinage	-	-	-	1	-	-	-
Offences under the People's Property Protection Act	73	46	63	49	48	63	24
Narcotic Offences	653	798	1,652	1,564	1,815	2,341	2,117
Gambling	89	31	19	34	40	84	70
Trafficking in person(TIP)	-	21	15	12	33	24	25
<b>KAYAH STATE</b>							
Murder	-	4	8	3	4	11	9
Dacoity	-	-	-	-	-	-	-
Robbery	-	-	-	-	-	1	-
Burglary	-	-	-	1	-	-	-
Kidnap	-	-	-	-	-	-	-
Rape	-	3	6	6	8	8	10
Theft	-	6	21	31	24	40	26
Animal Theft	-	-	-	-	-	-	-
Forgery and Coinage	-	1	-	-	-	-	-
Offences under the People's Property Protection Act	2	-	2	2	3	7	5
Narcotic Offences	8	8	56	94	69	94	115
Gambling	3	1	-	5	5	4	1
Trafficking in person(TIP)	-	-	-	-	1	-	-
<b>KAYIN STATE</b>							
Murder	8	25	40	38	29	29	35
Dacoity	-	-	1	-	-	-	-
Robbery	2	2	6	1	3	7	2
Burglary	-	-	-	-	1	-	1
Kidnap	-	-	-	-	2	-	3
Rape	3	6	23	18	21	30	25
Theft	41	34	102	97	141	167	161
Animal Theft	-	-	1	-	1	-	-
Forgery and Coinage	1	4	3	5	4	-	2
Offences under the People's Property Protection Act	4	5	-	2	2	6	4
Narcotic Offences	128	59	201	551	562	468	398
Gambling	52	29	20	34	34	39	22
Trafficking in person(TIP)	-	9	3	5	1	1	3

**TABLE 4.02 SELECTED CRIMES (cont'd)**  
Years 2005, 2010, 2015-2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
<b>CHIN STATE</b>							
Murder	10	4	9	3	9	7	4
Dacoity	-	1	-	-	-	-	1
Robbery	-	-	2	-	1	-	1
Burglary	-	-	-	-	-	-	-
Kidnap	-	-	-	-	-	-	-
Rape	1	2	5	9	6	9	9
Theft	5	2	33	30	25	20	23
Animal Theft	-	1	3	1	1	-	1
Forgery and Coinage	-	-	-	-	-	-	-
Offences under the People's Property Protection Act	7	-	2	1	-	1	1
Narcotic Offences	6	6	3	3	3	10	16
Gambling	1	-	-	-	-	-	-
Trafficking in person(TIP)	-	-	-	-	-	-	1
<b>SAGAING REGION</b>							
Murder	59	27	119	125	120	131	122
Dacoity	-	-	1	1	2	9	4
Robbery	2	-	9	18	20	17	12
Burglary	-	-	1	4	1	5	2
Kidnap	-	-	-	-	-	-	-
Rape	26	6	79	110	140	176	137
Theft	118	94	311	380	568	643	633
Animal Theft	2	1	14	19	21	17	15
Forgery and Coinage	-	2	5	-	2	1	-
Offences under the People's Property Protection Act	63	6	355	479	552	419	64
Narcotic Offences	179	227	847	1271	1,348	2,003	2,057
Gambling	629	139	150	280	228	155	138
Trafficking in person(TIP)	-	3	5	2	1	3	3
<b>TANINTHAYI REGION</b>							
Murder	46	35	27	34	41	62	70
Dacoity	-	-	-	-	-	-	-
Robbery	3	2	2	4	2	8	3
Burglary	-	-	-	-	1	-	-
Kidnap	-	-	-	-	-	-	-
Rape	11	10	8	19	51	73	58
Theft	56	42	53	89	119	150	133
Animal Theft	-	-	-	-	2	1	1
Forgery and Coinage	-	-	2	2	-	2	1
Offences under the People's Property Protection Act	7	6	10	24	18	15	10
Narcotic Offences	71	151	305	517	613	835	860
Gambling	74	41	30	50	45	28	20
Trafficking in person(TIP)	-	2	1	1	4	1	2

**TABLE 4.02 SELECTED CRIMES (cont'd)**  
Years 2005, 2010, 2015-2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
<b>BAGO REGION</b>							
Murder	37	102	147	137	144	159	174
Dacoity	-	-	-	-	-	-	2
Robbery	1	-	3	1	12	14	18
Burglary	-	-	1	1	1	1	3
Kidnap	-	-	-	-	-	-	-
Rape	16	54	49	73	129	189	165
Theft	186	324	269	246	320	548	664
Animal Theft	4	9	-	1	6	9	7
Forgery and Coinage	-	3	3	-	1	2	-
Offences under the People's Property Protection Act	166	83	66	35	24	45	35
Narcotic Offences	34	16	35	84	85	172	170
Gambling	500	305	419	410	475	328	336
Trafficking in person(TIP)	-	4	7	3	12	10	12
<b>MAGWAY REGION</b>							
Murder	22	44	91	68	92	103	94
Dacoity	-	-	-	-	-	-	-
Robbery	-	1	8	3	4	8	8
Burglary	-	-	1	1	1	1	2
Kidnap	-	-	-	-	-	-	-
Rape	6	21	56	78	113	92	108
Theft	122	89	338	307	401	438	374
Animal Theft	-	1	8	3	2	10	6
Forgery and Coinage	-	3	1	2	1	1	-
Offences under the People's Property Protection Act	126	62	63	95	128	106	40
Narcotic Offences	10	4	31	77	52	94	67
Gambling	208	64	265	291	338	259	181
Trafficking in person(TIP)	-	2	4	1	4	2	1
<b>MANDALAY REGION</b>							
Murder	137	98	159	126	149	147	150
Dacoity	-	1	2	9	4	-	2
Robbery	4	6	18	37	33	24	18
Burglary	-	-	4	5	4	2	4
Kidnap	-	-	-	-	-	-	1
Rape	42	37	96	128	174	174	153
Theft	732	608	1,052	940	1,234	1,325	1,265
Animal Theft	5	3	7	8	10	7	9
Forgery and Coinage	-	3	3	3	2	2	-
Offences under the People's Property Protection Act	156	125	107	74	147	132	67
Narcotic Offences	267	180	402	567	795	1135	1,182
Gambling	638	175	377	377	435	380	302
Trafficking in person(TIP)	-	19	18	9	17	27	28

**TABLE 4.02 SELECTED CRIMES (cont'd)**  
Years 2005, 2010, 2015-2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
<b>MON STATE</b>							
Murder	37	44	57	62	54	71	64
Dacoity	2	1	-	-	1	-	5
Robbery	-	2	6	2	14	7	8
Burglary	-	1	3	-	1	2	3
Kidnap	-	1	-	-	1	2	-
Rape	14	18	31	53	61	80	98
Theft	92	102	160	238	257	299	282
Animal Theft	1	-	-	3	1	-	2
Forgery and Coinage	-	3	3	1	2	2	-
Offences under the People's Property Protection Act	40	10	2	1	2	5	2
Narcotic Offences	36	20	130	283	270	434	460
Gambling	162	85	95	146	144	170	176
Trafficking in person(TIP)	-	8	3	7	3	3	4
<b>RAKHINE STATE</b>							
Murder	88	139	91	105	154	127	154
Dacoity	6	12	-	-	2	4	5
Robbery	7	8	5	4	10	5	6
Burglary	-	1	1	1	1	-	1
Kidnap	-	-	-	-	5	-	3
Rape	18	41	31	45	54	62	52
Theft	147	133	120	101	124	171	162
Animal Theft	6	15	17	16	12	20	14
Forgery and Coinage	-	7	5	1	2	4	2
Offences under the People's Property Protection Act	29	24	24	9	7	19	32
Narcotic Offences	26	46	78	121	170	277	274
Gambling	89	22	35	21	49	31	11
Trafficking in person(TIP)	-	1	10	8	9	6	-
<b>YANGON REGION</b>							
Murder	105	100	182	180	156	178	178
Dacoity	1	2	1	1	-	1	-
Robbery	37	22	53	51	45	47	16
Burglary	10	5	1	5	-	3	-
Kidnap	-	-	-	1	-	-	-
Rape	106	103	103	229	270	298	175
Theft	1,068	1,223	1,106	1,183	1,240	1,362	928
Animal Theft	4	9	1	-	5	6	6
Forgery and Coinage	2	7	8	6	14	13	7
Offences under the People's Property Protection Act	262	144	28	26	40	50	29
Narcotic Offences	235	259	555	936	1,189	1,970	2,202
Gambling	2,497	794	564	1,023	1,009	973	1,073
Trafficking in person(TIP)	-	25	17	25	47	55	65

**TABLE 4.02 SELECTED CRIMES (concl'd)**  
Years 2005, 2010, 2015-2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
<b>SHAN STATE</b>							
Murder	58	90	144	180	167	167	170
Dacoity	-	1	1	-	1	2	6
Robbery	2	3	8	10	24	27	14
Burglary	-	4	-	-	4	20	10
Kidnap	-	1	-	2	4	4	3
Rape	25	37	40	66	70	87	65
Theft	256	224	320	341	512	422	437
Animal Theft	3	1	6	3	6	4	6
Forgery and Coinage	-	2	3	2	3	1	2
Offences under the People's Property Protection Act	68	16	193	296	631	504	50
Narcotic Offences	1,442	926	2,252	2,556	2,432	2,866	2,792
Gambling	136	95	67	72	61	111	135
Trafficking in person(TIP)	-	77	39	47	48	54	65
<b>AYEYAWADY REGION</b>							
Murder	36	48	143	164	160	150	166
Dacoity	-	-	2	2	1	1	-
Robbery	1	1	11	19	36	26	7
Burglary	-	-	5	4	8	3	3
Kidnap	-	-	-	-	-	-	-
Rape	24	30	116	189	243	231	137
Theft	144	239	383	475	650	706	570
Animal Theft	2	11	19	39	54	45	38
Forgery and Coinage	-	-	2	2	3	5	3
Offences under the People's Property Protection Act	35	9	10	25	22	37	37
Narcotic Offences	14	6	23	67	60	110	149
Gambling	956	123	171	274	249	333	303
Trafficking in person(TIP)	-	2	8	11	16	15	28
<b>NAY PYI TAW</b>							
Murder	-	-	-	32	36	42	38
Dacoity	-	-	-	3	1	-	-
Robbery	-	-	-	5	7	3	7
Burglary	-	-	-	1	-	-	-
Kidnap	-	-	-	-	-	-	-
Rape	-	-	-	43	33	39	48
Theft	-	-	-	255	274	344	287
Animal Theft	-	-	-	-	2	-	4
Forgery and Coinage	-	-	-	-	-	1	1
Offences under the People's Property Protection Act	-	-	-	28	22	29	43
Narcotic Offences	-	-	-	57	62	93	85
Gambling	-	-	-	131	99	99	71
Trafficking in person(TIP)	-	-	-	-	7	5	2

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, 2015-2019, absolute values

Type of Crime	2005	2010	2015	2016	2017	2018	2019
<b>Murder</b>							
Total	816	1,032	1,625	1,636	1,986	1,711	1,739
of which: Females	35	52	98	78	85	82	87
<b>Dacoity</b>							
Total	25	90	66	132	124	128	136
of which: Females	1	-	-	2	-	6	1
<b>Robbery</b>							
Total	114	161	321	218	332	314	241
of which: Females	10	3	6	2	38	13	8
<b>Burglary</b>							
Total	12	23	43	26	27	91	35
of which: Females	1	2	4	2	2	2	3
<b>Kidnap</b>							
Total	-	4	-	4	91	102	27
of which: Females	-	-	-	-	1	-	1
<b>Rape</b>							
Total	362	408	730	1111	1,511	1,557	1,331
of which: Females	6	2	4	17	12	12	14
<b>Theft</b>							
Total	3,368	3,578	4,259	4,690	5,368	6,238	5,479
of which: Females	270	528	381	463	307	363	347
<b>Animal Theft</b>							
Total	42	62	158	143	194	159	183
of which: Females	-	-	5	3	2	1	7
<b>Forgery and Coinage</b>							
Total	5	48	60	44	92	94	45
of which: Females	-	13	16	5	15	15	8
<b>Offences under the People's Property Protection Act</b>							
Total	1,646	829	1,273	1,387	1,788	1,682	401
of which: Females	64	43	83	50	22	58	34
<b>Narcotic Offences</b>							
Total	3,861	3,179	9,067	13,301	14,046	18,079	13,590
of which: Females	533	466	1,129	1,702	1,612	2,179	1,423
<b>Gambling</b>							
Total	8,576	3,247	4,785	6,672	7,382	6,277	6,029
of which: Females	2,032	384	1,450	2,059	2,448	1,954	1,978
<b>Trafficking in Person</b>							
Total	-	502	321	403	540	602	734
of which: Females	-	305	176	244	354	411	505
<b>Other Crimes</b>							
Total	214,317	135,790	118,102	197,141	262,310	268,379	375,469
of which: Females	13,124	16,661	9,811	13,173	15,808	11,563	14,958
<b>Total crimes</b>							
Total	233,144	148,953	140,810	226,908	295,791	305,413	405,439
of which: Females	16,076	18,459	13,163	17,800	20,706	16,659	19,374

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

Source: Myanmar Police Force.

**TABLE 4.04 CRIME RATES BY TYPE OF OFFENCE**  
Years 2005, 2010, 2015-2019, per 100,000 inhabitants

Type of Crime	2005	2010	2015	2016	2017	2018	2019
Murder	1.20	1.32	2.45	2.47	2.61	2.68	2.72
Dacoity	0.01	0.03	0.01	0.03	0.03	0.03	0.04
Robbery	0.11	0.08	0.26	0.30	0.41	0.37	0.23
Burglary	0.01	0.01	0.03	0.04	0.04	0.07	0.05
Kidnap	-	*	-	*	0.02	0.01	0.01
Rape	0.57	0.63	1.32	2.07	2.63	2.93	2.32
Theft	5.66	5.43	8.72	9.44	11.45	12.69	11.3
Animal Theft	0.05	0.09	0.17	0.19	0.24	0.23	0.2
Forgery and Coinage	*	0.05	0.07	0.04	0.06	0.06	0.03
Offences under the People's Property Protection Act	1.90	0.89	1.79	2.16	3.08	2.66	0.81
Narcotic Offences	5.70	4.52	12.76	16.53	17.84	23.95	23.82
Gambling	13.06	3.18	4.29	5.94	6.01	5.55	5.22
Trafficking in Person (TIP)	-	0.28	0.25	0.24	0.38	0.38	0.43
Other Crimes	391	201	240	411	498	510	737
Total	406	218	272	451	543	562	784

Note: \* Less than 0.01.

Source: Myanmar Police Force.

#### METHODOLOGY SHEET | Police Officers, Law officers and Judges

<b>Responsible Unit (Service or Structure)</b>	Myanmar Police Force, Union Attorney General's Office and Supreme Court of the Union
<b>Level of Disaggregation</b>	Union, States and Regions.
<b>Study Variables</b>	Number of police officers, law officers and Judges by States and Regions and by gender
<b>Classification Variables</b>	Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Police Officers, Law Officers and Judges
<b>Tables</b>	4.05, 4.06, 4.07



**TABLE 4.05 POLICE OFFICERS**

Years 2005, 2010, 2015-2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
<b>UNION</b>							
Male	10,674	8,684	7,770	7,945	7,830	13,019	13,083
Female	304	387	632	802	1,017	1,724	1,932
KACHIN STATE							
Male	372	426	366	376	399	417	388
Female	-	2	8	8	10	21	30
KAYAH STATE							
Male	115	123	161	130	147	136	133
Female	-	1	4	7	9	14	16
KAYIN STATE							
Male	254	313	269	283	274	329	316
Female	3	5	3	6	7	10	15
CHIN STATE							
Male	157	135	161	95	109	123	142
Female	-	-	2	2	2	2	2
SAGAING REGION							
Male	854	821	702	767	736	833	915
Female	9	15	46	64	81	81	133
TANINTHAYI REGION							
Male	294	291	244	240	257	259	254
Female	1	2	6	5	7	9	13
BAGO REGION							
Male	803	789	752	777	730	827	815
Female	30	39	91	102	150	153	152
MAGWAY REGION							
Male	611	634	556	578	543	560	595
Female	19	22	53	62	97	109	120
MANDALAY REGION							
Male	1,149	1,114	871	862	890	1,110	1,042
Female	45	53	94	166	219	294	308
MON STATE							
Male	317	308	260	303	284	315	299
Female	8	11	23	27	28	30	38
RAKHINE STATE							
Male	532	425	315	335	370	1,004	1,055
Female	3	6	7	10	10	13	16
YANGON REGION							
Male	3,337	1,221	942	943	908	1,119	1,164
Female	131	161	124	142	154	166	173
SHAN STATE							
Male	1,099	1,226	995	1,126	1,100	1,159	1,082
Female	30	33	58	85	85	97	111
AYEYAWADY REGION							
Male	780	858	791	785	763	713	775
Female	25	37	54	58	73	90	112
NAY PYI TAW							
Male	-	-	385	345	320	4,115	4,108
Female	-	-	59	58	85	635	693

Source : Myanmar Police Force.

**TABLE 4.06 LAW OFFICERS**

Years 2005, 2010, 2015-2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
<b>UNION</b>							
Male	709	563	592	589	636	696	684
Female	394	419	620	659	721	810	796
KACHIN STATE							
Male	30	27	31	33	30	34	33
Female	10	13	12	12	17	20	19
KAYAH STATE							
Male	14	13	12	10	11	8	13
Female	4	2	3	6	4	6	7
KAYIN STATE							
Male	19	17	14	12	18	15	15
Female	9	3	9	15	10	14	13
CHIN STATE							
Male	17	15	17	15	16	17	18
Female	5	4	0	1	1	-	1
SAGAING REGION							
Male	81	56	53	45	59	66	59
Female	39	24	46	48	51	53	48
TANINTHAYI REGION							
Male	21	19	16	15	19	19	18
Female	2	3	10	11	13	11	14
BAGO REGION							
Male	60	35	41	38	33	39	50
Female	49	30	51	59	66	72	66
MAGWAY REGION							
Male	44	35	40	31	46	52	47
Female	13	15	33	30	23	25	29
MANDALAY REGION							
Male	77	56	78	82	76	98	81
Female	52	49	82	90	109	123	120
MON STATE							
Male	22	15	14	14	13	27	22
Female	12	10	23	21	29	20	25
RAKHINE STATE							
Male	36	26	36	35	41	43	36
Female	9	10	10	11	9	7	7
YANGON REGION							
Male	91	70	65	87	89	93	97
Female	86	126	147	130	142	168	154
SHAN STATE							
Male	76	80	62	65	66	78	75
Female	22	21	37	38	46	45	43
AYEYAWADY REGION							
Male	62	34	45	37	47	42	40
Female	31	21	45	43	49	56	53
UNION ATTORNEY GENERAL'S OFFICE							
Male	59	65	68	70	72	65	80
Female	51	88	112	144	152	190	197

Source : Union Attorney General's Office.

**TABLE 4.07 NUMBER OF JUDGES**  
Years 2014-2019, absolute values

States and Regions	2014	2015	2016	2017	2018	2019
<b>UNION</b>						
<b>Male</b>	554	561	601	598	605	576
<b>Female</b>	610	621	684	693	712	686
KACHIN STATE						
Male	30	28	27	34	36	26
Female	16	20	20	16	13	21
KAYAH STATE						
Male	8	8	15	11	20	9
Female	6	5	7	6	10	9
KAYIN STATE						
Male	13	13	13	14	14	12
Female	11	15	14	14	14	12
CHIN STATE						
Male	14	14	18	18	20	18
Female	1	4	4	-	-	7
SAGAING REGION						
Male	40	40	41	47	47	46
Female	43	53	54	50	52	58
TANINTHAYI REGION						
Male	15	15	15	12	18	17
Female	15	14	19	20	20	18
BAGO REGION						
Male	54	54	50	61	55	52
Female	41	72	65	53	58	60
MAGWAY REGION						
Male	24	20	22	30	27	24
Female	36	40	49	42	46	50
MANDALAY REGION						
Male	67	50	85	66	62	64
Female	93	57	104	108	95	84
MON STATE						
Male	15	20	15	14	16	11
Female	20	26	25	33	32	28
RAKHINE STATE						
Male	20	15	19	33	31	24
Female	22	20	22	11	10	11
YANGON REGION						
Male	98	143	137	107	103	109
Female	113	113	127	164	161	133
SHAN STATE						
Male	56	62	60	66	58	70
Female	43	50	45	45	41	46
AYEYAWADY REGION						
Male	36	35	40	40	38	37
Female	53	68	57	62	62	52
SUPREME COURT OF THE UNION						
Male	64	44	44	45	60	57
Female	97	64	72	69	98	97

Source : Supreme Court of the Union.

## METHODOLOGY SHEET | Prisoners

<b>Responsible Unit (Service or Structure)</b>	Prison Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Convicts and undertrials
<b>Classification Variables</b>	Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Prisoners
<b>Tables</b>	4.08, 4.09

**TABLE 4.08 PRISONERS CONFINED IN JAILS BY CATEGORY**  
Years 2005, 2010, 2015-2019, 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
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
2017	68,274	8,529	14,386	1,688	82,660	10,217
2018	76,304	9,274	16,287	2,056	92,591	11,330
2019	71,487	9,531	13,447	1,937	84,934	11,468

Source: Prison Department.

**TABLE 4.09 PRISONERS CONFINED IN JAILS BY STATES AND REGIONS**

Years 2005, 2010, 2015-2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
<b>UNION</b>	<b>73,933</b>	<b>64,773</b>	<b>64,723</b>	<b>79,654</b>	<b>92,877</b>	<b>103,921</b>	<b>96,402</b>
<b>Convicts</b>	<b>68,716</b>	<b>59,762</b>	<b>55,917</b>	<b>67,632</b>	<b>76,803</b>	<b>85,578</b>	<b>81,018</b>
<b>Undertrials</b>	<b>5,217</b>	<b>5,011</b>	<b>8,806</b>	<b>12,022</b>	<b>16,074</b>	<b>18,343</b>	<b>15,384</b>
KACHIN STATE	3,148	3,403	4,610	5,995	8,247	9,931	7,177
Convicts	2,858	3,094	3,936	5,216	6,971	8,515	6,017
Undertrials	290	309	674	779	1,276	1,416	1,160
KAYAH STATE	1,117	525	470	651	777	819	1,052
Convicts	1,095	510	392	599	705	734	969
Undertrials	22	15	78	52	72	85	83
KAYIN STATE	1,704	1,256	1,158	1,732	2,278	2,389	2,275
Convicts	1,653	1,164	1,083	1,431	2,029	2,105	2,178
Undertrials	51	92	75	301	249	284	97
CHIN STATE	426	-	-	-	-	-	-
Convicts	426	-	-	-	-	-	-
Undertrials	-	-	-	-	-	-	-
SAGAING REGION	5,238	3,968	5,861	7,637	8,988	9,683	8,243
Convicts	5,166	3,836	5,507	6,938	8,099	8,563	7,318
Undertrials	72	132	354	699	889	1,120	925
TANINTHAYI REGION	2,009	2,217	2,258	3,051	3,827	4,467	4,375
Convicts	1,864	2,099	1,959	2,532	3,124	3,598	3,629
Undertrials	145	118	299	519	703	869	746
BAGO REGION	6,190	5,259	5,490	6,237	7,614	9,329	8,473
Convicts	5,782	4,972	4,932	5,660	6,784	8,462	7,704
Undertrials	408	287	558	577	830	867	769
MAGWAY REGION	2,751	1,448	1,731	1,985	2,305	2,433	2,300
Convicts	2,703	1,389	1,624	1,879	2,130	2,252	2,099
Undertrials	48	59	107	106	175	181	201
MANDALAY REGION	14,803	13,132	13,469	15,545	10,932	16,956	15,617
Convicts	14,028	12,225	12,135	13,766	8,886	14,186	13,156
Undertrials	775	907	1,334	1,779	2,046	2,770	2,461
MON STATE	5,440	4,806	4,480	4,737	5,188	6,950	7,126
Convicts	5,343	4,686	4,163	4,340	4,559	6,065	6,506
Undertrials	97	120	317	397	629	885	620
RAKHINE STATE	3,716	4,252	3,116	3,899	4,186	4,287	3,829
Convicts	3,388	3,972	2,767	3,166	3,162	3,843	3,279
Undertrials	328	280	349	733	1,024	444	550
YANGON REGION	12,713	11,370	9,582	12,573	14,257	14,371	14,680
Convicts	10,341	9,113	5,892	7,878	8,039	7,386	8,898
Undertrials	2,372	2,257	3,690	4,695	6,218	6,985	5,782
SHAN STATE	8,873	9,063	8,375	10,953	13,267	15,071	14,078
Convicts	8,530	8,859	7,972	10,297	12,669	14,028	13,409
Undertrials	343	204	403	656	598	1,043	669
AYEYAWADY REGION	5,805	4,074	4,123	4,659	9,442	5,649	5,746
Convicts	5,539	3,843	3,555	3,930	8,499	4,744	4,858
Undertrials	266	231	568	729	943	905	888
NAY PYI TAW	-	-	-	-	1,569	1,586	1,431
Convicts	-	-	-	-	1,147	1,097	998
Undertrials	-	-	-	-	422	489	433

Note : Convicts include prisoners detained in yebet camps.

Source : Prison Department.

METHODOLOGY SHEET | **Traffic accidents**

<b>Responsible Unit (Service or Structure)</b>	Myanmar Police Force
<b>Level of Disaggregation</b>	Union, States and Regions, Sex, Age group, Road user class, Type of crash, Road classification
<b>Study Variables</b>	Type and causes of accidents, Casualties
<b>Classification Variables</b>	Types and causes of traffic accidents, road accidents, casualties, road user class, degree of casualty
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Traffic accidents
<b>Tables</b>	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, 2014-2019, 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
	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
	2017	9,418	1,048	1,608	69	6,028	18,171
	2018	8,803	921	1,541	172	6,015	17,452
	2019	7,576	655	1,551	44	6,341	16,167
Kachin State	2010	219	30	112	-	68	429
	2014	261	41	55	3	92	452
	2015	99	39	62	2	331	533
	2016	290	12	90	4	91	487
	2017	246	56	72	7	165	546
	2018	277	51	46	8	45	427
	2019	223	84	67	5	73	452
Kayah State	2010	8	1	6	-	18	33
	2014	76	5	12	-	41	134
	2015	79	15	13	-	3	110
	2016	81	3	13	-	5	102
	2017	60	1	1	-	7	69
	2018	51	27	8	-	2	88
	2019	72	-	7	-	2	81
Kayin State	2010	111	16	17	-	50	194
	2014	256	32	37	2	60	387
	2015	349	15	47	-	64	475
	2016	329	3	20	1	80	433
	2017	246	3	8	2	227	486
	2018	276	9	32	2	55	374
	2019	232	2	23	-	129	386
Chin State	2010	8	-	8	-	26	42
	2014	31	1	8	-	42	82
	2015	43	1	14	-	57	115
	2016	17	1	11	-	41	70
	2017	27	11	-	-	49	87
	2018	5	-	21	-	80	106
	2019	11	-	4	-	98	113
Sagaing Region	2010	255	131	122	-	290	798
	2014	978	66	82	2	446	1,574
	2015	756	138	167	24	399	1,484
	2016	783	44	239	21	554	1,641
	2017	1,032	42	168	3	444	1,689
	2018	1,067	43	192	34	203	1,539
	2019	1,051	34	195	3	208	1,491
Taninthayi Region	2010	79	5	43	-	55	182
	2014	140	18	52	10	100	320
	2015	186	4	43	4	108	345
	2016	261	45	58	3	134	501
	2017	418	22	16	-	131	587
	2018	417	21	22	11	114	585
	2019	559	35	13	3	5	615
Bago Region	2010	475	291	364	-	392	1,522
	2014	427	119	112	-	992	1,650
	2015	980	181	376	5	499	2,041
	2016	1,344	201	335	6	572	2,458
	2017	1,623	296	224	9	824	2,976
	2018	1,148	346	387	88	461	2,430
	2019	975	69	308	-	1,143	2,495

**TABLE 4.10 TYPES OF TRAFFIC ACCIDENTS (concl'd)**  
Years 2010, 2014-2019, 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
	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
	2017	1,117	4	52	4	425	1,602
	2018	450	94	131	9	926	1,610
	2019	138	7	87	6	1,229	1,467
Mandalay Region	2010	676	87	174	-	832	1,769
	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
	2017	511	62	107	11	1,705	2,396
	2018	711	13	24	-	1,495	2,243
	2019	1,449	26	88	-	312	1,875
Mon State	2010	107	25	55	-	153	340
	2014	245	28	104	-	309	686
	2015	240	106	122	2	175	645
	2016	56	24	47	-	667	794
	2017	52	47	60	6	750	915
	2018	55	71	90	5	654	875
	2019	38	57	71	3	714	883
Rakhine State	2010	59	7	53	-	140	259
	2014	110	25	61	1	132	329
	2015	123	23	48	-	147	341
	2016	302	7	45	-	50	404
	2017	295	22	36	-	97	450
	2018	295	25	35	8	93	456
	2019	254	25	30	15	30	354
Yangon Region	2010	441	270	589	-	378	1,678
	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
	2017	1,625	187	536	-	277	2,625
	2018	2,292	45	258	1	90	2,686
	2019	1,590	186	290	-	260	2,326
Shan State	2010	73	7	123	-	574	777
	2014	789	30	132	2	225	1,178
	2015	710	35	130	10	182	1,067
	2016	663	8	122	2	381	1,176
	2017	796	18	61	-	339	1,214
	2018	775	5	102	-	302	1,184
	2019	248	1	116	1	795	1,161
Ayeyawady Region	2010	78	85	124	-	237	524
	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
	2017	993	267	252	26	495	2,033
	2018	657	121	144	5	1,106	2,033
	2019	438	76	208	3	904	1,629
Nay pyi Taw	2010	-	-	-	-	-	-
	2014	-	-	-	-	-	-
	2015	-	-	-	-	-	-
	2016	420	6	44	1	138	609
	2017	377	10	15	1	93	496
	2018	327	50	49	1	389	816
	2019	298	53	44	5	439	839

Source : Myanmar Police Force.



**TABLE 4.11 CAUSES OF TRAFFIC ACCIDENTS**  
Years 2010, 2014-2019, 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		
<b>UNION</b>	<b>2010</b>	<b>6,509</b>	<b>483</b>	<b>102</b>	<b>505</b>	<b>524</b>	<b>897</b>	<b>9,020</b>
	<b>2014</b>	<b>12,366</b>	<b>381</b>	<b>150</b>	<b>148</b>	<b>819</b>	<b>1,133</b>	<b>14,997</b>
	<b>2015</b>	<b>10,305</b>	<b>763</b>	<b>303</b>	<b>247</b>	<b>919</b>	<b>3,140</b>	<b>15,677</b>
	<b>2016</b>	<b>13,539</b>	<b>439</b>	<b>93</b>	<b>247</b>	<b>752</b>	<b>2,314</b>	<b>17,384</b>
	<b>2017</b>	<b>15,102</b>	<b>815</b>	<b>174</b>	<b>602</b>	<b>653</b>	<b>825</b>	<b>18,171</b>
	<b>2018</b>	<b>13,427</b>	<b>345</b>	<b>226</b>	<b>340</b>	<b>625</b>	<b>2,489</b>	<b>17,452</b>
	<b>2019</b>	<b>13,869</b>	<b>382</b>	<b>215</b>	<b>121</b>	<b>749</b>	<b>831</b>	<b>16,167</b>
Kachin State	2010	388	39	2	-	-	-	429
	2014	351	34	21	-	23	23	452
	2015	278	37	10	5	11	192	533
	2016	416	27	19	-	16	30	508
	2017	474	16	12	-	-	44	546
	2018	377	7	1	3	19	20	427
	2019	288	69	12	-	32	51	452
Kayah State	2010	24	4	-	-	2	3	33
	2014	69	31	10	5	7	12	134
	2015	82	4	-	4	7	13	110
	2016	78	2	-	-	-	1	81
	2017	66	3	-	-	-	-	69
	2018	83	5	-	-	-	-	88
	2019	76	-	-	-	-	5	81
Kayin State	2010	184	4	2	-	4	-	194
	2014	299	14	30	3	31	10	387
	2015	323	4	1	-	23	124	475
	2016	380	6	12	1	8	26	433
	2017	439	29	2	2	3	11	486
	2018	351	4	4	-	7	8	374
	2019	264	11	15	-	-	96	386
Chin State	2010	20	12	3	1	6	-	42
	2014	39	6	20	2	-	15	82
	2015	104	8	3	-	-	-	115
	2016	54	7	3	-	-	6	70
	2017	69	7	11	-	-	-	87
	2018	36	6	3	-	-	61	106
	2019	64	12	-	-	-	37	113
Sagaing Region	2010	294	128	24	209	66	77	798
	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
	2017	1,382	304	3	-	-	-	1,689
	2018	1,431	50	-	2	26	30	1,539
	2019	1,415	42	-	3	20	11	1,491
Taninthayi Region	2010	134	13	8	5	13	9	182
	2014	238	5	5	2	50	20	320
	2015	240	9	8	6	20	62	345
	2016	228	32	22	10	54	155	501
	2017	528	8	9	8	8	26	587
	2018	259	16	11	14	25	260	585
	2019	600	10	5	-	-	-	615
Bago Region	2010	1,251	78	31	36	53	73	1,522
	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
	2017	2,631	218	7	1	8	111	2,976
	2018	2,019	-	-	87	85	239	2,430
	2019	2,470	24	-	-	-	1	2,495

**TABLE 4.11 CAUSES OF TRAFFIC ACCIDENTS (concl'd)**  
Years 2010, 2014-2019, 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
	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
	2017	1,559	38	5	-	-	-	1,602
	2018	1,552	58	-	-	-	-	1,610
	2019	1,409	58	-	-	-	-	1,467
Mandalay Region	2010	1,554	18	8	98	52	39	1,769
	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
	2017	2,231	44	4	57	2	58	2,396
	2018	1,269	34	-	90	19	831	2,243
	2019	1,692	-	-	-	179	4	1,875
Mon State	2010	227	17	6	23	25	42	340
	2014	562	63	-	-	-	61	686
	2015	589	16	-	4	13	23	645
	2016	658	97	8	-	30	1	794
	2017	777	13	43	-	35	47	915
	2018	743	14	18	-	22	78	875
	2019	758	10	16	-	23	76	883
Rakhine State	2010	250	9	-	-	-	-	259
	2014	279	14	3	4	5	24	329
	2015	192	24	10	5	19	91	341
	2016	383	1	-	-	20	-	404
	2017	404	30	1	-	15	-	450
	2018	323	36	40	-	10	47	456
	2019	140	46	44	-	18	106	354
Yangon Region	2010	933	45	-	60	251	389	1,678
	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
	2017	1,565	-	2	510	533	15	2,625
	2018	1,716	-	-	58	258	654	2,686
	2019	1,905	-	-	57	261	103	2,326
Shan State	2010	595	84	5	19	23	51	777
	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
	2017	983	41	12	12	-	166	1,214
	2018	1,155	23	6	-	-	-	1,184
	2019	1,117	44	-	-	-	-	1,161
Ayeyawady Region	2010	229	14	12	27	29	213	524
	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
	2017	1,663	60	63	12	49	186	2,033
	2018	1,499	67	143	79	144	101	2,033
	2019	999	40	120	59	208	203	1,629
Nay Pyi Taw	2010	-	-	-	-	-	-	-
	2014	-	-	-	-	-	-	-
	2015	-	-	-	-	-	-	-
	2016	483	1	-	1	-	124	609
	2017	331	4	-	-	-	161	496
	2018	614	25	-	7	10	160	816
	2019	672	16	3	2	8	138	839

Source : Myanmar Police Force.

**TABLE 4.12 ROAD ACCIDENTS**

Years 2005, 2010, 2015-2019, 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
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
2017	18,171	5,250	4,219	1,031	15,424	11,649	3,775	13,720	10,375	3,345	34,394	26,243	8,151
2018	17,452	5,185	4,251	934	11,373	8,516	2,857	15,368	10,944	4,424	31,926	23,711	8,215
2019	16,167	5,325	4,282	1,043	10,958	8,220	2,738	14,114	9,448	4,666	30,397	21,950	8,447

Source : Myanmar Police Force.

**TABLE 4.13 CASUALTIES, ROAD USER CLASS, DEGREE OF CASUALTY**  
Year 2019, 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
<b>CONTROLLER</b>										
<b>Driver</b>										
Car	257	19	620	98	585	109	192	10	1,654	236
Light truck	100	33	229	98	201	60	46	16	576	207
Heavy rigid truck	77	8	173	27	145	17	56	4	451	56
Articulated truck	21	0	136	19	19	1	26	3	202	23
Bus	148	42	185	102	153	150	178	101	664	395
Other motor vehicle	29	4	34	10	40	20	99	39	202	73
Motorcycle rider	1,499	134	1,689	392	2,177	512	544	341	5,909	1,379
Pedal cycle rider	20	24	68	39	23	20	19	5	130	88
Other/Unknown	117	23	139	25	119	30	147	60	522	138
<b>PASSENGER</b>										
Car	151	138	536	363	502	508	205	163	1,394	1,172
Light truck	40	13	128	113	107	87	12	9	287	222
Heavy rigid truck	68	13	95	49	70	40	31	5	264	107
Articulated truck	9	0	34	15	32	12	29	1	104	28
Bus	258	111	1070	343	983	547	324	220	2,635	1221
Other motor vehicle	32	19	52	19	33	33	133	39	250	110
Motorcycle	760	112	1,676	515	900	490	398	257	3,734	1,374
Pedal cycle	88	49	154	67	66	50	42	38	350	204
Other/Unknown	186	98	310	83	151	97	211	107	858	385
<b>PEDESTRIAN</b>	439	186	891	338	382	279	190	88	1,902	891
<b>CASUALTIES:</b>										
<b>TOTAL</b>	<b>4,299</b>	<b>1026</b>	<b>8,219</b>	<b>2,715</b>	<b>6,688</b>	<b>3,062</b>	<b>2,882</b>	<b>1,506</b>	<b>22,088</b>	<b>8,309</b>

Source : Myanmar Police Force.

**TABLE 4.14 CASUALTIES**

Year 2019, absolute values

Road user class	Age (years)	Degree of Casualty									
		Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Driver	5-16	3	1	6	3	1	-	3	-	13	4
	17-20	10	1	22	4	44	5	13	-	89	10
	21-25	59	1	146	27	112	16	34	8	351	52
	26-29	66	3	139	10	145	17	53	17	403	47
	30-39	118	8	226	22	195	37	54	6	593	73
	40-49	162	3	211	19	137	18	33	5	543	45
	50-59	38	3	40	7	70	11	17	1	165	22
	60-69	11	1	12	2	23	1	-	-	46	4
Passenger	5-16	47	13	129	58	135	81	46	28	357	180
	17-20	83	27	222	109	266	181	89	44	660	361
	21-25	128	49	332	158	368	220	113	65	941	492
	26-29	123	65	443	173	395	255	124	98	1,085	591
	30-39	198	71	432	225	505	357	172	89	1,307	742
	40-49	145	90	387	205	441	401	94	98	1,067	794
	50-59	81	42	217	111	310	203	70	69	678	425
	60-69	44	24	104	47	114	109	15	16	277	196
Pedestrian	5-16	57	11	27	11	12	14	4	3	100	39
	17-20	31	17	81	35	23	40	6	6	141	98
	21-25	31	21	106	41	77	53	12	5	226	120
	26-29	72	33	163	71	69	62	30	3	334	169
	30-39	77	22	191	66	82	59	17	10	367	157
	40-49	92	38	167	44	85	65	11	6	355	153
	50-59	77	29	100	50	74	40	25	15	276	134
	60-69	36	18	52	29	26	16	13	2	127	65
Motor cyclist	5-16	96	8	178	21	66	11	27	14	367	54
	17-20	238	21	350	77	257	95	88	62	933	255
	21-25	417	49	545	180	604	179	213	113	1,779	521
	26-29	461	53	654	208	765	230	67	146	1,947	637
	30-39	344	47	600	125	530	154	128	41	1,602	367
	40-49	278	26	452	95	326	107	55	43	1,111	271
	50-59	87	10	193	35	73	31	22	8	375	84
	60-69	13	1	48	1	10	2	2	1	73	5

**TABLE 4.14 CASUALTIES (concl'd)**  
Year 2019, absolute values

Road user class	Age (years)	Degree of Casualty									
		Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Pedal cyclist	5-16	5	7	8	7	3	4	-	1	16	19
	17-20	8	10	33	12	5	5	-	3	46	30
	21-25	17	10	33	18	17	3	17	5	84	36
	26-29	25	10	64	21	9	3	14	7	112	41
	30-39	37	12	32	20	6	4	11	9	86	45
	40-49	18	16	48	18	16	10	18	12	100	56
	50-59	14	1	32	11	10	9	15	5	71	26
	60-69	5	-	4	2	1	-	-	-	10	2
Other	5-16	7	3	43	22	19	4	26	5	95	34
	17-20	72	14	93	52	78	30	98	15	341	111
	21-25	49	53	208	84	152	60	111	47	520	244
	26-29	94	36	189	77	125	49	156	61	564	223
	30-39	78	21	203	54	144	40	151	49	576	164
	40-49	92	27	145	45	103	31	49	35	389	138
	50-59	32	10	86	19	52	42	34	13	204	84
	60-69	6	7	24	7	9	9	9	4	48	27
Total	5-16	215	43	391	122	236	114	106	51	948	330
	17-20	442	90	801	289	673	356	294	130	2,210	865
	21-25	701	183	1,370	508	1,330	531	500	243	3,901	1,465
	26-29	841	200	1,652	560	1,508	616	444	332	4,445	1,708
	30-39	852	181	1,684	512	1,462	651	533	204	4,531	1,548
	40-49	787	200	1,410	426	1,108	632	260	199	3,565	1,457
	50-59	329	95	668	233	589	336	183	111	1,769	775
	60-69	115	51	244	88	183	137	39	23	581	299

Source : Myanmar Police Force.













**TABLE 4.15 CASUALTIES BY STATES AND REGIONS (cont'd)**  
Year 2019, absolute values

States and Regions	Road User Class	Age (years)	Degree of Casualty										
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
TANINTHAYI REGION	Driver	5-16	-	-	-	-	-	-	-	-	-	-	-
		17-20	-	-	-	-	-	-	-	-	-	-	-
		21-25	-	-	2	-	1	-	-	-	3	-	
		26-29	1	-	2	-	1	-	-	-	4	-	
		30-39	1	-	2	-	1	-	-	-	4	-	
		40-49	1	-	3	-	1	-	-	-	5	-	
		50-59	1	-	1	-	1	-	-	-	3	-	
		60-69	-	-	-	-	1	-	-	-	1	-	
	Passenger	5-16	1	-	5	-	2	-	-	-	8	-	
		17-20	2	-	7	2	3	-	-	-	12	2	
		21-25	1	2	9	3	5	2	-	-	15	7	
		26-29	2	1	8	6	4	3	-	-	14	10	
		30-39	2	-	10	2	2	1	-	-	14	3	
		40-49	2	2	8	4	5	2	-	-	15	8	
		50-59	1	1	4	2	3	-	-	-	8	3	
		60-69	1	-	4	1	3	-	-	-	8	1	
	Pedestrian	5-16	1	1	3	-	2	-	-	-	6	1	
		17-20	2	1	6	2	3	-	-	-	11	3	
		21-25	2	4	9	2	2	1	-	-	13	7	
		26-29	1	1	5	4	1	2	-	-	7	7	
		30-39	2	2	15	6	3	2	-	-	20	10	
		40-49	4	4	20	4	3	4	-	-	27	12	
		50-59	2	4	10	8	4	4	-	-	16	16	
		60-69	4	1	2	4	5	2	-	-	11	7	
		Motor cyclist	5-16	4	-	10	5	2	1	-	-	16	6
			17-20	11	1	32	9	15	7	-	-	58	17
	21-25		18	-	62	14	22	11	-	-	102	25	
	26-29		20	2	75	10	33	12	-	-	128	24	
	30-39		19	1	81	3	20	9	-	-	120	13	
	40-49		10	-	61	6	10	6	-	-	81	12	
	50-59		3	-	20	6	2	1	-	-	25	7	
	60-69		-	-	5	1	-	-	-	-	5	1	
	Pedal cyclist		5-16	-	-	-	-	-	-	-	-	-	-
			17-20	-	-	-	-	-	-	-	-	-	-
		21-25	-	-	1	-	-	-	-	-	1	-	
		26-29	-	-	-	-	-	-	-	-	-	-	
30-39		1	-	1	-	-	-	-	-	2	-		
40-49		1	-	-	-	-	-	-	-	1	-		
50-59		-	-	-	-	-	-	-	-	-	-		
60-69		-	-	-	-	-	-	-	-	-	-		
Other	5-16	2	-	1	1	2	1	-	-	5	2		
	17-20	6	2	2	4	2	4	-	-	10	10		
	21-25	7	2	9	10	4	6	-	-	20	18		
	26-29	9	3	13	12	3	4	-	-	25	19		
	30-39	5	2	12	7	2	4	-	-	19	13		
	40-49	5	1	13	6	2	6	-	-	20	13		
	50-59	2	1	4	2	1	3	-	-	7	6		
	60-69	2	-	1	2	-	2	-	-	3	4		

**TABLE 4.15 CASUALTIES BY STATES AND REGIONS (cont'd)**  
Year 2019, absolute values

States and Regions	Road User Class	Age (years)	Degree of Casualty										
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
BAGO REGION	Driver	5-16	2	-	-	-	-	-	-	-	-	2	-
		17-20	1	-	8	-	26	5	6	-	41	5	
		21-25	2	1	52	16	35	11	16	1	105	29	
		26-29	15	3	48	2	45	5	9	7	117	17	
		30-39	23	2	90	5	26	16	11	2	150	25	
		40-49	10	2	71	3	14	9	5	-	100	14	
		50-59	7	2	7	4	18	6	6	-	38	12	
		60-69	2	-	2	-	4	-	-	-	8	-	
	Passenger	5-16	3	-	-	-	-	-	-	-	3	-	
		17-20	4	3	2	1	2	3	1	-	9	7	
		21-25	13	4	16	6	31	14	9	1	69	25	
		26-29	21	5	51	12	60	33	18	5	150	55	
		30-39	60	3	45	13	60	26	13	3	178	45	
		40-49	19	6	61	16	54	29	12	3	146	54	
		50-59	16	5	21	5	45	19	3	1	85	30	
		60-69	1	4	5	3	3	2	-	-	9	9	
	Pedestrian	5-16	5	-	1	2	1	1	-	1	7	4	
		17-20	5	1	8	4	2	6	2	4	17	15	
		21-25	2	3	25	16	22	7	9	2	58	28	
		26-29	8	8	36	17	19	4	25	1	88	30	
		30-39	14	1	45	11	18	9	12	5	89	26	
		40-49	13	7	49	6	18	5	9	1	89	19	
		50-59	25	7	7	5	15	7	6	4	53	23	
		60-69	6	2	2	-	2	-	-	-	10	2	
	Motor cyclist	5-16	-	-	-	-	-	-	-	-	-	-	
		17-20	7	4	45	10	23	6	4	-	79	20	
		21-25	19	5	108	82	46	10	11	13	184	110	
		26-29	16	10	96	79	58	30	21	17	191	136	
		30-39	20	12	134	57	46	28	21	5	221	102	
		40-49	35	10	92	11	48	28	16	7	191	56	
		50-59	14	3	55	4	22	17	14	5	105	29	
		60-69	2	-	10	-	1	1	-	1	13	2	
	Pedal cyclist	5-16	-	-	-	-	-	-	-	-	-	-	
		17-20	3	-	4	-	2	1	-	2	9	3	
		21-25	1	1	6	4	11	-	17	4	35	9	
		26-29	5	2	38	5	7	2	13	6	63	15	
		30-39	4	-	7	9	3	1	10	7	24	17	
		40-49	2	-	16	8	4	4	9	8	31	20	
		50-59	-	-	13	5	6	4	9	5	28	14	
		60-69	2	-	-	-	-	-	-	-	2	-	
	Other	5-16	-	-	-	-	-	-	-	-	-	-	
		17-20	12	5	13	1	3	2	1	-	29	8	
		21-25	9	4	57	8	45	16	15	4	126	32	
		26-29	16	8	90	10	50	15	16	5	172	38	
		30-39	18	7	43	14	57	14	19	8	137	43	
		40-49	17	6	28	6	40	17	9	4	94	33	
		50-59	10	-	36	6	33	31	18	9	97	46	
		60-69	2	3	11	-	8	5	6	4	27	12	

**TABLE 4.15 CASUALTIES BY STATES AND REGIONS (cont'd)**  
Year 2019, absolute values

States and Regions	Road User Class	Age (years)	Degree of Casualty									
			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	-	-	4	-	-	-	3	-	7	-
		17-20	-	-	3	2	-	-	4	-	7	2
		21-25	-	-	18	7	3	-	3	7	24	14
		26-29	5	-	6	4	4	-	12	9	27	13
		30-39	12	-	10	8	6	-	18	4	46	12
		40-49	6	-	16	10	5	-	7	5	34	15
		50-59	-	-	4	-	5	-	3	-	12	-
		60-69	-	-	-	-	-	-	-	-	-	-
	Passenger	5-16	12	4	34	12	17	11	26	25	89	52
		17-20	8	5	15	8	6	5	12	10	41	28
		21-25	9	5	28	23	7	4	9	11	53	43
		26-29	14	6	39	16	15	13	10	16	78	51
		30-39	12	4	18	20	20	18	21	15	71	57
		40-49	8	6	17	14	7	31	25	20	57	71
		50-59	9	5	13	17	25	12	18	21	65	55
		60-69	6	-	3	2	10	8	5	7	24	17
	Pedestrian	5-16	16	3	8	2	5	4	3	1	32	10
		17-20	2	2	3	-	2	3	1	2	8	7
		21-25	1	1	2	-	1	2	2	1	6	4
		26-29	3	3	8	1	3	2	2	1	16	7
		30-39	4	4	10	2	2	1	1	3	17	10
		40-49	2	1	6	-	2	3	1	2	11	6
		50-59	1	1	5	-	1	1	1	-	8	2
		60-69	-	-	-	-	-	-	-	-	-	-
	Motor cyclist	5-16	32	-	121	12	41	9	17	7	211	28
		17-20	29	3	13	15	28	6	8	8	78	32
		21-25	21	5	40	7	11	8	13	6	85	26
		26-29	18	4	120	13	5	12	7	10	150	39
		30-39	11	2	60	3	12	15	21	15	104	35
		40-49	28	3	135	18	13	24	20	6	196	51
		50-59	14	1	45	16	1	7	6	3	66	27
		60-69	-	-	10	-	-	-	-	-	10	-
	Pedal cyclist	5-16	3	4	5	4	1	1	-	1	9	10
		17-20	1	2	4	1	-	-	-	-	5	3
		21-25	-	1	3	-	1	-	-	-	4	1
		26-29	-	1	5	2	-	-	-	-	5	3
		30-39	2	2	3	2	1	1	-	1	6	6
		40-49	2	5	5	3	1	2	1	1	9	11
		50-59	-	1	-	-	-	-	-	-	-	1
		60-69	-	-	-	-	-	-	-	-	-	-
	Other	5-16	4	1	42	11	5	1	15	3	66	16
		17-20	3	-	31	18	12	2	18	1	64	21
		21-25	5	1	45	12	8	5	7	4	65	22
		26-29	1	-	32	18	18	2	11	5	62	25
		30-39	17	-	60	6	14	1	17	6	108	13
		40-49	3	1	35	5	19	1	12	1	69	8
		50-59	1	1	38	7	9	2	8	1	56	11
		60-69	-	-	10	-	-	-	3	-	13	-







**TABLE 4.15 CASUALTIES BY STATES AND REGIONS (cont'd)**  
Year 2019, absolute values

States and Regions	Road User Class	Age (years)	Degree of Casualty										
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
RAKHINE STATE	Driver	5'-16	-	-	-	-	-	-	-	-	-	-	-
		17-20	-	-	-	-	-	-	-	-	-	-	-
		21-25	-	-	5	-	4	-	3	-	12	-	-
		26-29	1	-	-	-	4	-	3	-	8	-	-
		30-39	1	-	1	-	3	-	8	-	13	-	-
		40-49	-	-	1	-	-	-	7	-	8	-	-
		50-59	1	-	1	-	-	-	3	-	5	-	-
		60-69	-	-	-	-	-	-	-	-	-	-	-
	Passenger	5'-16	1	-	1	3	3	1	1	-	6	4	-
		17-20	1	-	1	1	2	7	-	2	4	10	-
		21-25	12	3	1	4	1	1	1	3	15	11	-
		26-29	8	2	4	5	2	2	-	2	14	11	-
		30-39	5	3	6	5	6	7	1	2	18	17	-
		40-49	2	1	7	6	4	6	-	-	13	13	-
		50-59	-	-	2	5	1	8	1	3	4	16	-
		60-69	-	-	-	1	4	3	2	-	6	4	-
	Pedestrian	5'-16	2	1	2	1	1	2	-	-	5	4	-
		17-20	-	-	1	-	-	1	-	-	1	1	-
		21-25	2	-	1	-	-	-	-	-	3	-	-
		26-29	1	1	-	-	-	1	-	-	1	2	-
		30-39	-	-	-	-	1	1	-	-	1	1	-
		40-49	2	2	-	1	2	2	-	1	4	6	-
		50-59	1	-	-	1	4	2	2	1	7	4	-
		60-69	-	3	3	4	-	-	-	-	3	7	-
	Motor cyclist	5'-16	3	1	2	-	4	-	-	-	9	1	-
		17-20	12	-	20	-	12	-	7	-	51	-	-
		21-25	10	-	9	-	10	1	1	-	30	1	-
		26-29	13	-	22	-	11	-	3	-	49	-	-
		30-39	18	-	20	-	14	-	7	-	59	-	-
		40-49	13	-	7	-	15	-	7	-	42	-	-
		50-59	2	-	6	-	2	-	-	-	10	-	-
		60-69	-	-	1	-	-	-	-	-	1	-	-
	Pedal cyclist	5'-16	-	1	-	1	-	1	-	-	-	3	-
		17-20	-	-	-	-	-	3	-	-	-	3	-
		21-25	-	-	1	-	-	-	-	-	1	-	-
		26-29	-	-	1	-	-	-	-	-	1	-	-
		30-39	-	-	2	-	-	-	-	-	2	-	-
		40-49	-	-	-	-	1	-	3	-	4	-	-
		50-59	1	-	-	1	-	-	4	-	5	1	-
		60-69	-	-	-	-	-	-	-	-	-	-	-
	Other	5'-16	1	1	-	2	-	-	-	-	1	3	-
		17-20	1	-	-	-	7	2	-	-	8	2	-
21-25		-	-	2	1	1	7	-	-	3	8	-	
26-29		1	1	-	1	1	1	-	-	2	3	-	
30-39		3	1	5	5	6	2	2	-	16	8	-	
40-49		6	2	3	6	6	4	2	-	17	12	-	
50-59		-	1	-	2	3	1	-	-	3	4	-	
60-69		-	1	-	1	-	2	-	-	-	4	-	

**TABLE 4.15 CASUALTIES BY STATES AND REGIONS (cont'd)**  
Year 2019, absolute values

States and Regions	Road User Class	Age (years)	Degree of Casualty										
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
YANGON REGION	Driver	5-16	-	-	-	-	-	-	-	-	-	-	-
		17-20	-	-	-	-	-	-	-	-	-	-	-
		21-25	18	-	33	-	15	-	-	-	66	-	-
		26-29	15	-	38	-	17	-	-	-	70	-	-
		30-39	20	-	29	-	12	-	-	-	61	-	-
		40-49	81	-	31	-	13	-	-	-	125	-	-
		50-59	5	-	-	-	-	-	-	-	5	-	-
		60-69	6	-	-	-	-	-	-	-	6	-	-
	Passenger	5-16	-	-	-	-	-	-	-	-	-	-	-
		17-20	4	-	35	14	-	47	-	-	39	61	-
		21-25	7	-	76	18	38	53	-	-	121	71	-
		26-29	12	12	112	15	36	43	-	-	160	70	-
		30-39	15	9	99	20	49	41	-	-	163	70	-
		40-49	3	-	80	11	55	21	-	-	138	32	-
		50-59	-	3	68	5	42	-	-	-	110	8	-
		60-69	1	-	15	6	-	-	-	-	16	6	-
	Pedestrian	5-16	14	-	-	-	1	-	-	-	15	-	-
		17-20	12	9	53	23	-	26	-	-	65	58	-
		21-25	15	7	56	15	32	33	-	-	103	55	-
		26-29	43	11	88	43	28	38	-	-	159	92	-
		30-39	33	9	71	33	40	37	-	-	144	79	-
		40-49	32	10	55	22	29	36	-	-	116	68	-
		50-59	12	-	44	12	22	12	-	-	78	24	-
		60-69	11	-	25	11	-	1	-	-	36	12	-
	Motor cyclist	5-16	8	-	25	-	-	-	-	-	33	-	-
		17-20	12	-	37	-	-	-	-	-	49	-	-
		21-25	21	6	48	12	-	-	-	-	69	18	-
		26-29	25	5	34	17	2	-	-	-	61	22	-
		30-39	22	4	23	18	-	-	-	-	45	22	-
		40-49	23	2	14	6	-	-	-	-	37	8	-
		50-59	12	-	12	-	-	-	-	-	24	-	-
		60-69	4	-	9	-	-	-	-	-	13	-	-
	Pedal cyclist	5-16	-	-	-	-	-	-	-	-	-	-	-
		17-20	-	8	21	9	-	-	-	-	21	17	-
		21-25	12	7	19	12	-	-	-	-	31	19	-
		26-29	17	6	16	12	-	-	-	-	33	18	-
		30-39	18	9	11	5	-	-	-	-	29	14	-
		40-49	6	5	12	3	-	-	-	-	18	8	-
		50-59	8	-	10	-	-	-	-	-	18	-	-
		60-69	-	-	-	1	-	-	-	-	-	1	-
	Other	5-16	-	-	-	8	-	-	-	-	-	8	-
		17-20	-	-	21	12	-	-	-	-	21	12	-
		21-25	-	-	18	19	-	-	-	-	18	19	-
		26-29	-	-	26	15	-	-	-	-	26	15	-
		30-39	-	-	31	12	-	-	-	-	31	12	-
		40-49	-	-	24	13	-	-	-	-	24	13	-
50-59		-	-	-	2	-	-	-	-	-	2	-	
60-69		-	-	-	4	-	-	-	-	-	4	-	





**TABLE 4.15 CASUALTIES BY STATES AND REGIONS (concl'd)**  
Year 2019, absolute values

States and Regions	Road User Class	Age (years)	Degree of Casualty									
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
NAY PYI	Driver	5-16	1	-	-	2	-	-	-	-	1	2
		17-20	2	-	1	2	7	-	-	-	10	2
TAW	Driver	21-25	4	-	4	-	6	-	-	-	14	-
		26-29	1	-	3	-	6	1	-	-	10	1
		30-39	4	-	11	2	29	1	-	-	44	3
		40-49	10	-	10	1	12	1	-	-	32	2
		50-59	5	-	11	1	10	2	-	-	26	3
		60-69	1	-	4	1	2	1	-	-	7	2
	Passenger	5-16	6	1	23	16	29	37	-	-	58	54
		17-20	5	1	27	37	33	30	-	-	65	68
		21-25	7	8	43	38	37	33	12	3	99	82
		26-29	10	8	37	29	17	33	3	2	67	72
		30-39	14	6	61	61	40	44	12	15	127	126
		40-49	15	11	46	37	28	43	10	10	99	101
	Pedestrian	50-59	13	11	20	28	21	55	4	3	58	97
		60-69	9	7	9	14	19	30	-	-	37	51
		5-16	1	-	3	-	-	-	-	-	4	-
		17-20	-	-	1	-	1	-	-	-	2	-
		21-25	1	-	-	2	-	-	-	-	1	2
		26-29	2	1	1	-	-	-	-	-	3	1
Motor cyclist	30-39	4	2	2	3	1	-	-	-	7	5	
	40-49	7	1	2	-	-	-	-	-	9	1	
	50-59	2	1	3	-	-	-	-	-	5	1	
	60-69	1	1	3	-	-	-	-	-	4	1	
	5-16	1	-	1	-	-	-	-	-	2	-	
	17-20	8	-	23	1	3	1	-	-	34	2	
Pedal cyclist	21-25	20	-	19	-	1	3	-	-	40	3	
	26-29	14	-	16	-	5	-	-	-	35	-	
	30-39	38	1	35	4	10	3	-	-	83	8	
	40-49	24	1	21	2	6	-	-	-	51	3	
	50-59	9	-	16	-	5	2	-	-	30	2	
	60-69	4	-	7	-	-	-	-	-	11	-	
Other	5-16	-	-	-	-	-	-	-	-	-	-	
	17-20	-	-	-	-	-	-	-	-	-	-	
	21-25	-	-	-	-	-	-	-	-	-	-	
	26-29	-	-	-	-	-	-	-	-	-	-	
	30-39	-	-	-	-	-	-	-	-	-	-	
	40-49	-	-	-	-	1	-	-	-	1	-	
Other	50-59	-	-	-	-	-	-	-	-	-	-	
	60-69	-	-	-	-	-	-	-	-	-	-	
	5-16	-	-	-	-	8	-	-	-	8	-	
	17-20	2	-	1	-	2	-	-	-	5	-	
	21-25	2	-	2	1	-	-	-	-	4	1	
	26-29	1	-	-	2	1	-	-	-	2	2	
Other	30-39	3	2	4	2	5	-	-	-	12	4	
	40-49	3	3	1	-	2	-	-	-	6	3	
	50-59	3	1	1	-	3	-	-	-	7	1	
	60-69	2	-	2	-	1	-	-	-	5	-	

Source : Myanmar Police Force.

**TABLE 4.16 CASUALTIES, TYPE OF CRASH, DEGREE OF CASUALTY**  
Year 2019, absolute values

Type of crash	Degree of Casualty				Total Killed & injured
	Killed	Seriously injured	Moderately injured	Minor/Other injured	
Car crash	468	1,243	1,176	377	3,264
Light truck crash	212	674	596	128	1610
Heavy truck crash	229	356	344	119	1048
Heavy rigid truck crash	24	29	62	35	150
Articulated truck crash	76	825	546	75	1522
Bus crash	538	1124	1,493	1,326	4,481
Emergency vehicle crash	301	388	68	40	797
Motorcycle crash	2,323	4,180	4,351	1534	12,388
Pedal cycle crash	319	716	436	98	1569
Pedestrian crash	444	678	367	288	1777
Other/ Unknown	391	527	357	516	1,791
All types of crashes	5,325	10,740	9,796	4,536	30,397

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

Source : Myanmar Police Force.

**TABLE 4.17 CASUALTIES BY TYPES OF ROADS**  
Year 2019, absolute values

Road Classification	Degree of Casualty									
	Killed		Seriously injured		Moderately injured		Minor/Other injured		Total Killed & injured	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Freeway/ motorway	222	73	770	251	303	216	370	212	1,665	752
State highway	1,622	401	2,860	1108	2,965	1,477	1276	601	8,723	3,587
Other classified road	2,057	433	3,744	1,459	2,691	1,050	872	561	9,364	3,503
Unclassified road	410	107	735	262	494	303	340	152	1,979	824
Total	4,311	1014	8,109	3,080	6,453	3,046	2,858	1,526	21,731	8,666

Source : Myanmar Police Force.





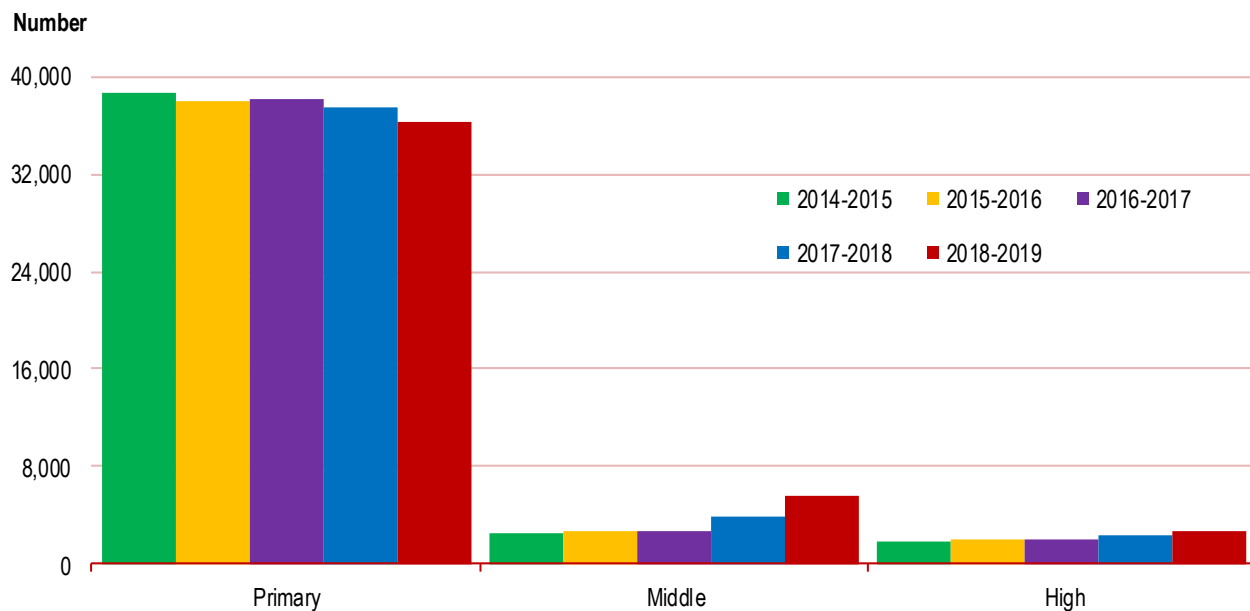
# 5

## Education

The **official entry age** for primary education in Myanmar is **6 years**. In 2018-2019 **4,951,199 children** attended Primary School, **3,011,643 students** attended Middle School and **1,048,865** High School. | The **pupil-teacher ratio** was **21** at **primary level**, **28** at **middle** and **25** at **high** in 2018-2019.

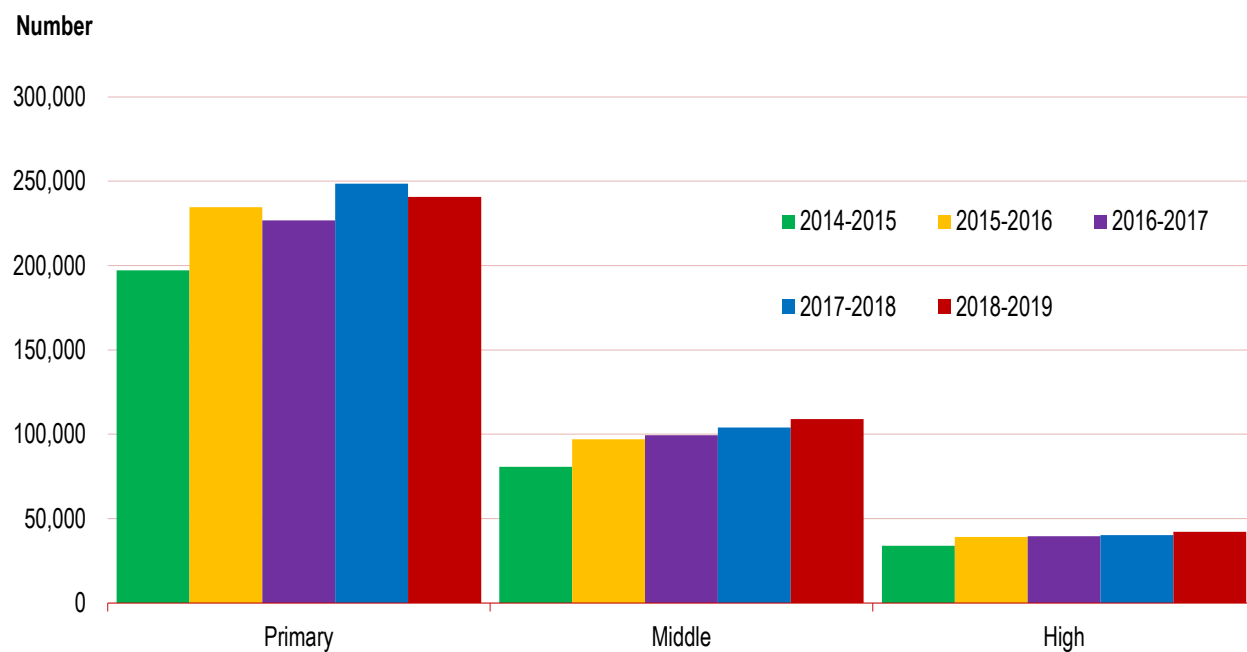


**FIGURE 5.1** NUMBER OF SCHOOLS BY EDUCATION LEVEL



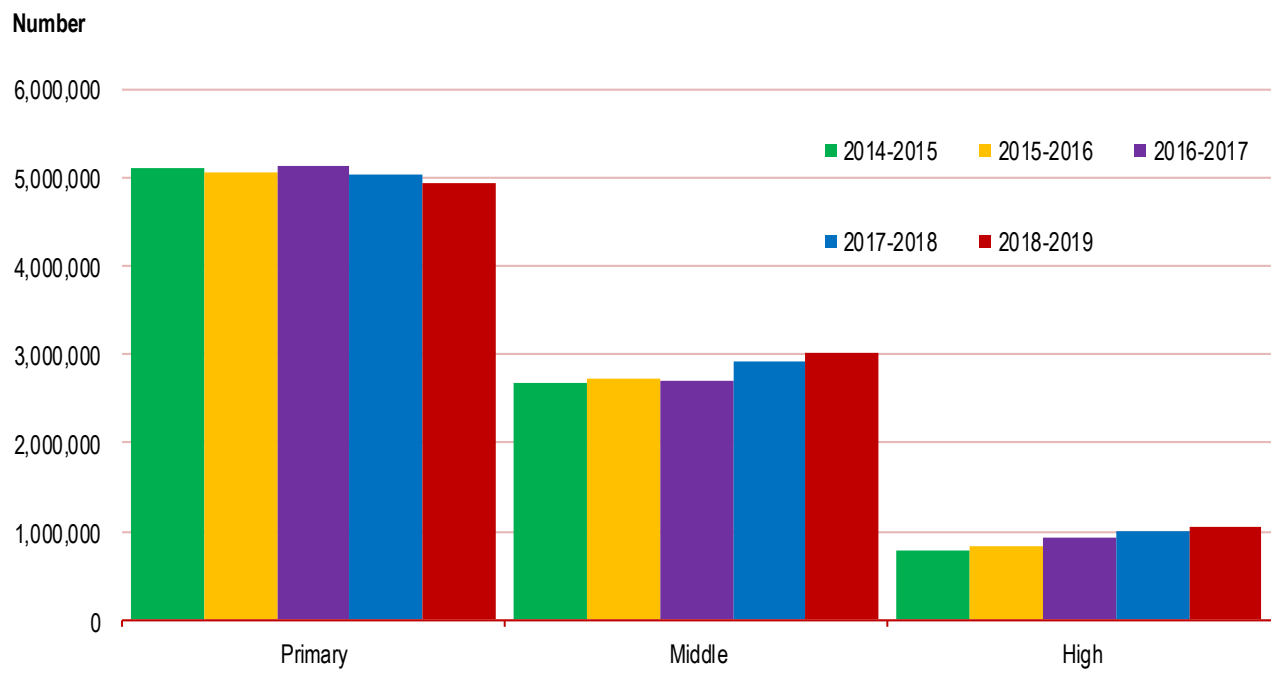
Source : Ministry of Education

**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**

<b>Responsible Unit (Service or Structure)</b>	Ministry of Education, Myanmar Examination Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Schools, Teachers, Students, Growth Index, Average Number of Students Per Teacher, Teacher Educators, Teaching Staff
<b>Classification Variables</b>	Level of Education, Teacher by Rank
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Academic Year
<b>Units</b>	Schools, Teachers, Students
<b>Tables</b>	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 BY LEVEL**  
Academic Years 2014/2015-2018/2019, absolute values

States and Regions	Academic Year	Schools			Teachers			Students		
		Primary	Middle	High	Primary	Middle	High	Primary	Middle	High
UNION	2014-2015	38,651	2,511	1,779	197,124	80,660	33,924	5,121,203	2,687,801	792,670
	2015-2016	38,017	2,624 (r)	1,924	234,605	96,972	39,001	5,071,458	2,730,879	840,706
	2016-2017	38,197	2,635	1,972	226,676	99,500	39,524	5,139,305	2,698,254	925,140
	2017-2018	37,422	3,936	2,287	248,584	104,078	40,157	5,038,627	2,935,984	1,009,770
	2018-2019	36,274	5,631	2,600	240,664	108,963	42,103	4,951,199	3,011,643	1,048,865
Kachin State	2014-2015	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	3,323	1,582	175,774	120,148	40,753
	2017-2018	1,217	125	95	8,604	3,451	1,588	174,875	122,699	43,324
	2018-2019	1,226	129	107	8,658	3,488	1,698	172,615	124,574	43,983
Kayah State	2014-2015	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	8,361
	2017-2018	357	36	26	2,251	824	481	37,564	23,677	9,693
	2018-2019	361	43	28	2,476	866	507	37,523	25,091	10,626
Kayin State	2014-2015	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
	2017-2018	1,384	124	75	9,232	2,923	1,268	204,564	91,403	27,284
	2018-2019	1,429	168	84	9,107	3,402	1,341	208,754	97,762	29,976
Chin State	2014-2015	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
	2017-2018	1,075	156	57	6,433	1,837	708	80,841	40,256	11,659
	2018-2019	1,024	244	74	5,781	2,530	730	79,881	41,759	11,682
Sagaing Region	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	11,862	4,439	537,439	326,662	98,897
	2016-2017	4,317	287	200	25,414	13,456	4,486	544,945	337,819	108,381
	2017-2018	4,170	489	245	28,566	13,813	4,696	543,377	349,679	120,600
	2018-2019	3,805	967	294	27,015	15,177	4,975	535,400	356,765	123,647
Taninthayi Region	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
	2017-2018	1,055	124	69	8,180	3,191	1,282	189,101	98,576	28,086
	2018-2019	1,043	141	79	8,043	3,387	1,304	186,847	104,160	30,440
Bago Region	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	12,562	4,113	500,667	268,638	81,268
	2016-2017	4,157	255	187	22,090	12,338	4,352	509,992	139,587	92,097
	2017-2018	4,114	359	211	26,559	12,285	4,233	506,688	299,561	102,138
	2018-2019	4,047	470	242	25,921	12,425	4,340	491,833	314,008	108,122
Magway Region	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	3,217	374,330	240,651	75,837
	2016-2017	3,661	234	147	19,768	9,813	3,109	379,413	250,780	84,348
	2017-2018	3,394	538	196	21,817	10,556	3,291	375,408	260,227	93,225
	2018-2019	3,062	908	243	21,080	10,895	3,909	365,983	265,890	97,792

**TABLE 5.01 SCHOOLS, TEACHERS AND STUDENTS BY LEVEL (concl'd)**  
Academic Years 2014/2015-2018/2019, absolute values

States and Regions	Academic Year	Schools			Teachers			Students		
		Primary	Middle	High	Primary	Middle	High	Primary	Middle	High
Mandalay Region	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	11,354	4,277	506,766	326,871	95,833
	2016-2017	3,581	271	203	22,371	11,668	4,422	517,584	336,212	103,846
	2017-2018	3,384	486	242	25,021	11,718	4,492	513,368	347,197	111,757
	2018-2019	3,259	622	272	24,384	11,760	4,682	505,775	350,230	112,655
Mon State	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
	2017-2018	1,236	117	103	9,749	4,316	1,735	233,349	123,285	43,962
	2018-2019	1,227	126	110	9,534	4,314	1,833	234,127	128,103	47,441
Rakhine State	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	5,823	2,162	440,500	147,943	42,401
	2016-2017	2,657	150	115	15,040	5,922	2,213	424,354	159,821	47,592
	2017-2018	2,589	217	136	15,895	6,692	2,210	329,544	155,371	48,111
	2018-2019	2,475	343	153	14,625	7,781	2,304	307,690	161,703	49,810
Yangon Region	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	18,889	10,264	5,225	524,864	361,237	131,068
	2017-2018	2,196	309	244	18,740	10,398	5,167	523,053	364,978	144,284
	2018-2019	2,170	329	250	18,363	9,747	4,994	517,085	360,189	148,834
Shan State	2014-2015	4,824	291	215	17,819	5,872	2,540	512,996	214,776	54,173
	2015-2016	4,571	249 (r)	221	24,183	7,009	3,111	508,250	214,758	58,234
	2016-2017	4,614	249	225	23,782	7,156	3,001	527,492	221,834	64,126
	2017-2018	4,672	329	242	26,889	7,708	3,154	533,769	229,767	70,633
	2018-2019	4,750	393	258	25,796	8,151	3,333	537,751	236,149	73,176
Ayeyawady Region	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	11,549	4,862	683,657	340,455	120,996
	2017-2018	6,007	456	285	35,709	12,226	4,883	678,122	353,118	129,963
	2018-2019	5,830	661	341	34,824	12,897	5,164	657,843	366,768	136,862
Nay Pyi Taw	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	4,812	2,066	909	116,401	72,580	22,999
	2017-2018	572	71	61	4,939	2,140	969	115,004	76,190	25,051
	2018-2019	566	87	65	5,057	2,143	989	112,092	78,492	23,819

Note : All schools are Sanction Schools, students are inclusive of Affiliated students.

Source : Ministry of Education.

**TABLE 5.02 SCHOOLS, TEACHERS AND STUDENTS OF PRIVATE SECTOR**  
Academic Years 2016/2017-2018/2019, absolute values

States and Regions	2016-2017								
	Schools			Teachers			Students		
	Primary	Middle	High	Primary	Middle	High	Primary	Middle	High
<b>UNION</b>	<b>62</b>	<b>49</b>	<b>474</b>	<b>1,579</b>	<b>2,375</b>	<b>4,361</b>	<b>32,582</b>	<b>30,726</b>	<b>77,336</b>
Kachin State	2	1	16	17	52	147	243	262	1,957
Kayah State	1	-	-	7	-	-	46	-	-
Kayin State	1	-	5	5	14	49	67	84	513
Chin State	1	2	1	17	13	8	178	238	187
Sagaing Region	4	5	48	84	157	419	2,005	2,384	10,439
Taninthayi Region	2	1	2	83	63	38	1,042	1,003	947
Bago Region	1	1	43	26	101	364	321	673	4,771
Magway Region	2	1	40	41	87	309	672	796	6,810
Mandalay Region	15	13	100	611	747	1,135	10,393	9,467	21,534
Mon State	-	-	9	5	21	66	120	151	811
Rakhine State	-	2	12	23	17	120	234	86	1,308
Yangon Region	28	9	123	394	667	1,044	12,216	10,689	16,339
Shan State	2	9	46	150	217	354	3,230	2,646	5,982
Ayeyawady Region	-	3	15	40	110	159	374	892	2,567
Nay Pyi Taw	3	2	14	76	109	149	1,441	1,355	3,171

**TABLE 5.02 SCHOOLS, TEACHERS AND STUDENTS OF PRIVATE SECTOR (cont'd)**  
Academic Years 2016/2017-2018/2019, absolute values

States and Regions	2017-2018								
	Schools			Teachers			Students		
	Primary	Middle	High	Primary	Middle	High	Primary	Middle	High
<b>UNION</b>	<b>79</b>	<b>67</b>	<b>584</b>	<b>2,145</b>	<b>2,944</b>	<b>5,309</b>	<b>44,472</b>	<b>36,970</b>	<b>97,741</b>
Kachin State	3	1	22	31	80	195	421	448	3,122
Kayah State	1	1	-	18	6	-	242	45	-
Kayin State	1	-	5	7	18	51	86	52	558
Chin State	2	3	2	31	35	15	274	289	160
Sagaing Region	3	7	64	114	194	582	2,772	2,657	14,338
Taninthayi Region	1	2	4	82	72	72	1,309	1,159	1,350
Bago Region	2	1	62	46	150	504	614	1,232	6,512
Magway Region	2	2	42	48	118	345	866	884	8,034
Mandalay Region	16	19	114	753	912	1,274	13,045	11,613	27,212
Mon State	1	-	10	13	19	76	222	173	890
Rakhine State	1	2	14	38	30	134	347	187	1,634
Yangon Region	32	15	141	582	775	1,191	16,854	12,066	19,350
Shan State	9	10	65	233	286	461	4,554	3,245	7,425
Ayeyawady Region	-	1	17	50	115	186	532	1,114	2,553
Nay Pyi Taw	5	3	22	99	134	223	2,334	1,806	4,603

**TABLE 5.02 SCHOOLS, TEACHERS AND STUDENTS OF PRIVATE SECTOR (concl'd)**  
Academic Years 2016/2017-2018/2019, absolute values

States and Regions	2018-2019								
	Schools			Teachers			Students		
	Primary	Middle	High	Primary	Middle	High	Primary	Middle	High
<b>UNION</b>	<b>89</b>	<b>76</b>	<b>733</b>	<b>2,525</b>	<b>3,367</b>	<b>6,746</b>	<b>57,961</b>	<b>43,842</b>	<b>126,934</b>
Kachin State	4	1	27	43	80	241	703	644	4,509
Kayah State	-	1	2	25	8	11	354	64	67
Kayin State	2	-	6	12	16	53	158	57	647
Chin State	-	6	5	38	43	39	374	349	600
Sagaing Region	3	8	93	133	238	851	3,447	3,547	21,125
Taninthayi Region	1	2	4	82	72	76	1,632	1,525	1,612
Bago Region	4	3	72	74	177	579	1,067	1,424	6,972
Magway Region	2	3	47	84	111	431	1,109	910	9,832
Mandalay Region	15	23	138	915	1,063	1,630	15,720	13,381	34,792
Mon State	1	-	10	12	24	77	332	239	1,255
Rakhine State	-	1	19	37	46	167	505	439	1,869
Yangon Region	37	12	159	573	825	1,380	21,577	13,799	22,696
Shan State	11	12	92	321	381	655	6,950	4,016	10,931
Ayeyawady Region	-	-	19	53	131	193	716	1,174	2,741
Nay Pyi Taw	9	4	40	123	152	363	3,317	2,274	7,286

Source : Ministry of Education.

**TABLE 5.03 SCHOOLS AND TEACHERS BY RANK**  
Academic Years 2015/2016-2018/2019, absolute values

States and Regions	2015-2016							
	Schools				Teachers			
	Total	Basic Education Primary Schools	Basic Education Middle Schools	Basic Education High Schools	Total	Primary Assistant Teachers	Junior Assistant Teachers	Senior Assistant Teachers
<b>UNION</b>	<b>42,565 (r)</b>	<b>38,017 (r)</b>	<b>2,624 (r)</b>	<b>1,924</b>	<b>336,193 (r)</b>	<b>154,380 (r)</b>	<b>142,782 (r)</b>	<b>39,031 (r)</b>
Kachin State	1,397	1,194	121	82	12,141 (r)	5,471 (r)	5,071 (r)	1,599
Kayah State	401	344	35	22	2,653 (r)	1,221 (r)	998 (r)	434
Kayin State	1,488	1,334	94	60	11,949 (r)	6,568 (r)	4,184 (r)	1,197
Chin State	1,235	1,098	92	45	6,951 (r)	3,796 (r)	2,383 (r)	772
Sagaing Region	4,773	4,296	279	198	39,489 (r)	18,297 (r)	16,753 (r)	4,439
Taninthayi Region	1,202 (r)	1,047 (r)	97	58	11,625 (r)	6,058 (r)	4,381 (r)	1,186
Bago Region (E)	2,270	2,026	130	114	18,861 (r)	4,805 (r)	11,546 (r)	2,510
Bago Region (W)	2,299	2,103	123	73	16,277 (r)	9,337 (r)	5,337 (r)	1,603
Magway Region	4,033	3,657	234	142	29,381 (r)	13,047 (r)	13,117 (r)	3,217
Mandalay Region	4,039	3,575	263	201	35,422 (r)	14,529 (r)	16,532 (r)	4,361
Mon State	1,436	1,239	107	90	13,952 (r)	6,011 (r)	6,254 (r)	1,687
Rakhine State	2,903	2,645	154	104	21,286 (r)	10,846 (r)	8,312 (r)	2,128
Yangon Region	2,739	2,221	285	233	33,222 (r)	12,468 (r)	15,600 (r)	5,154
Shan State (S)	2,484	2,257	117	110	15,244 (r)	7,828 (r)	5,695 (r)	1,721
Shan State (N)	1,932 (r)	1,749	104 (r)	79	12,119 (r)	6,784 (r)	4,276 (r)	1,059 (r)
Shan State (E)	625	565	28	32	3,363 (r)	2,015 (r)	1,037 (r)	311
Ayeyawady Region	6,630	6,094	305	231	44,955 (r)	21,799 (r)	18,440 (r)	4,716
Nay Pyi Taw	679	573	56	50	7,303 (r)	3,500 (r)	2,866 (r)	937



**TABLE 5.03 SCHOOLS AND TEACHERS BY RANK (cont'd)**  
Academic Years 2015/2016-2018/2019, absolute values

States and Regions	2016-2017							
	Schools				Teachers			
	Total	Basic Education Primary Schools	Basic Education Middle Schools	Basic Education High Schools	Total	Primary Assistant Teachers	Junior Assistant Teachers	Senior Assistant Teachers
<b>UNION</b>	<b>42,804 (r)</b>	<b>38,197</b>	<b>2,635 (r)</b>	<b>1,972 (r)</b>	<b>331,280 (r)</b>	<b>148,647 (r)</b>	<b>143,109 (r)</b>	<b>39,524</b>
Kachin State	1,408	1,204	120	84	11,869 (r)	5,197 (r)	5,090 (r)	1,582
Kayah State	402 (r)	345	33 (r)	24	2,589 (r)	1,131 (r)	1,033 (r)	425
Kayin State	1,517	1,361	94	62	11,804 (r)	6,533 (r)	4,019 (r)	1,252
Chin State	1,240 (r)	1,102	93 (r)	45	6,698 (r)	3,739 (r)	2,253 (r)	706
Sagaing Region	4,804 (r)	4,317	287	200 (r)	39,294 (r)	16,820 (r)	17,988 (r)	4,486
Taninthayi Region	1,208	1,052	97	59	11,399 (r)	5,746 (r)	4,375 (r)	1,278
Bago Region (E)	2,281	2,036	131	114	18,648 (r)	4,729 (r)	11,292 (r)	2,627
Bago Region (W)	2,318	2,121	124	73	16,072 (r)	9,105 (r)	5,242 (r)	1,725
Magway Region	4,042	3,661	234	147	29,255 (r)	12,404 (r)	13,742 (r)	3,109
Mandalay Region	4,055	3,581	271	203	34,967 (r)	13,878 (r)	16,667 (r)	4,422
Mon State	1,449	1,251	106	92	14,108 (r)	6,444 (r)	5,962 (r)	1,702
Rakhine State	2,922	2,657	150	115	20,928 (r)	10,490 (r)	8,225 (r)	2,213
Yangon Region	2,744	2,217	292 (r)	235 (r)	32,231 (r)	11,898 (r)	15,108 (r)	5,225
Shan State (S)	2,516	2,287	118	111	15,195 (r)	7,651 (r)	5,866 (r)	1,678
Shan State (N)	1,939	1,755	103	81	12,091 (r)	6,835 (r)	4,263 (r)	993
Shan State (E)	633	572	28	33	3,099 (r)	1,670 (r)	1,099 (r)	330
Ayeyawady Region	6,642	6,102	299	241	43,782 (r)	20,939 (r)	17,981 (r)	4,862
Nay Pyi Taw	684	576	55	53	7,251 (r)	3,438 (r)	2,904 (r)	909

**TABLE 5.03 SCHOOLS AND TEACHERS BY RANK (cont'd)**  
Academic Years 2015/2016-2018/2019, absolute values

States and Regions	2017-2018							
	Schools				Teachers			
	Total	Basic Education Primary Schools	Basic Education Middle Schools	Basic Education High Schools	Total	Primary Assistant Teachers	Junior Assistant Teachers	Senior Assistant Teachers
<b>UNION</b>	43,645 (r)	37,422	3,936 (r)	2,287	358,304 (r)	172,961 (r)	145,226 (r)	40,117 (r)
Kachin State	1,437	1,217	125	95	12,576 (r)	5,876 (r)	5,112 (r)	1,588
Kayah State	419	357	36	26	3,259 (r)	1,709 (r)	1,069 (r)	481
Kayin State	1,583	1,384	124	75	12,390 (r)	6,858 (r)	4,264 (r)	1,268
Chin State	1,288 (r)	1,075	156 (r)	57	8,091 (r)	4,911 (r)	2,472 (r)	708
Sagaing Region	4,904 (r)	4,170	489 (r)	245	43,130 (r)	20,212 (r)	18,229 (r)	4,689 (r)
Taninthayi Region	1,248	1,055	124	69	11,702 (r)	5,922 (r)	4,498 (r)	1,282
Bago Region (E)	2,337	2,023	184	130	22,575 (r)	8,762 (r)	11,244 (r)	2,569
Bago Region (W)	2,347	2,091	175	81	16,594 (r)	9,811 (r)	5,119 (r)	1,664
Magway Region	4,128	3,394	538	196	32,324 (r)	15,029 (r)	14,004 (r)	3,291
Mandalay Region	4,112	3,384	486	242	37,778 (r)	16,738 (r)	16,548 (r)	4,492
Mon State	1,456	1,236	117	103	14,607 (r)	6,592 (r)	6,280 (r)	1,735
Rakhine State	2,942	2,589	217	136	22,548 (r)	11,451 (r)	8,887 (r)	2,210
Yangon Region	2,749	2,196	309	244	31,970 (r)	11,949 (r)	14,887 (r)	5,134 (r)
Shan State (S)	2,604	2,300	178	126	17,421 (r)	9,713 (r)	5,987 (r)	1,721
Shan State (N)	1,982	1,784	115	83	13,184 (r)	7,535 (r)	4,525 (r)	1,124
Shan State (E)	657	588	36	33	3,313 (r)	1,887 (r)	1,117 (r)	309
Ayeyawady Region	6,748	6,007	456	285	47,334 (r)	24,428 (r)	18,023 (r)	4,883
Nay Pyi Taw	704	572	71	61	7,508 (r)	3,578 (r)	2,961 (r)	969

**TABLE 5.03 SCHOOLS AND TEACHERS BY RANK (concl'd)**  
Academic Years 2015/2016-2018/2019, absolute values

States and Regions	2018-2019							
	Schools				Teachers			
	Total	Basic Education Primary Schools	Basic Education Middle Schools	Basic Education High Schools	Total	Primary Assistant Teachers	Junior Assistant Teachers	Senior Assistant Teachers
<b>UNION</b>	<b>44,505</b>	<b>36,274</b>	<b>5,631</b>	<b>2,600</b>	<b>358,839</b>	<b>169,707</b>	<b>147,029</b>	<b>42,103</b>
Kachin State	1,462	1,226	129	107	12,747	6,007	5,042	1,698
Kayah State	432	361	43	28	3,540	1,923	1,110	507
Kayin State	1,681	1,429	168	84	12,742	6,819	4,582	1,341
Chin State	1,342	1,024	244	74	8,221	4,428	3,063	730
Sagaing Region	5,066	3,805	967	294	43,715	19,407	19,333	4,975
Taninthayi Region	1,263	1,043	141	79	11,822	5,894	4,624	1,304
Bago Region (E)	2,362	1,956	256	150	22,626	8,853	11,181	2,592
Bago Region (W)	2,397	2,091	214	92	16,343	9,517	5,078	1,748
Magway Region	4,213	3,062	908	243	33,025	15,244	13,872	3,909
Mandalay Region	4,153	3,259	622	272	37,699	16,765	16,252	4,682
Mon State	1,463	1,227	126	110	14,567	6,571	6,163	1,833
Rakhine State	2,971	2,475	343	153	22,523	10,421	9,798	2,304
Yangon Region	2,749	2,170	329	250	31,036	12,189	13,853	4,994
Shan State (S)	2,676	2,314	225	137	17,367	9,183	6,331	1,853
Shan State (N)	2,048	1,833	128	87	12,577	6,989	4,434	1,154
Shan State (E)	677	603	40	34	3,117	1,683	1,108	326
Ayeyawady Region	6,832	5,830	661	341	47,521	24,075	18,282	5,164
Nay Pyi Taw	718	566	87	65	7,651	3,739	2,923	989

Note : 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.

Source : Ministry of Education.

**TABLE 5.04 GROWTH INDEX OF SCHOOLS, TEACHERS AND STUDENTS**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, growth rate

Academic Year	Primary			Middle			High		
	Schools	Teachers	Students	Schools	Teachers	Students	Schools	Teachers	Students
2005-2006	101	109	104	103	111	124	117	139	157
2010-2011	101	123	107	106	116	136	127	161	156
2015-2016	106	153	106	125	181	166	208	265	199
2016-2017	107	148	107	126	186	173	213	269	220
2017-2018	105	162	105	188	194	179	247	273	240
2018-2019	101	157	103	268	203	183	281	286	249

Note : Base Year 1997-1998=100

Source : Ministry of Education.

**TABLE 5.05 AVERAGE NUMBER OF STUDENTS PER TEACHER**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, average values

Academic Year	Primary	Middle	High
2005-2006	30	34	32
2010-2011	27	36	28
2015-2016	22	28 (r)	22
2016-2017	22	27 (r)	23 (r)
2017-2018	20	28	25
2018-2019	21	28	25

Source : Ministry of Education.

**TABLE 5.06 FEMALE TEACHER EDUCATORS**

Academic Years 2014/2015-2018/2019, absolute values and percentage compositions

Education College	2014-2015											
	Principal			Lecturer			Assistant-Lecturer			Tutor		
	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %
<b>Total</b>	<b>21</b>	<b>15</b>	<b>71.43</b>	<b>41</b>	<b>40</b>	<b>97.56</b>	<b>554</b>	<b>475</b>	<b>85.74</b>	<b>657</b>	<b>559</b>	<b>85.08</b>
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
Kyaukse	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
Bogale	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
Lashio	1	-	-	2	2	100.00	12	11	91.67	19	15	78.95

**TABLE 5.06 FEMALE TEACHER EDUCATORS (cont'd)**  
Academic Years 2014/2015-2018/2019, absolute values and percentage compositions

Education College	2015-2016											
	Principal			Lecturer			Assistant-Lecturer			Tutor		
	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %
<b>Total</b>	<b>13</b>	<b>9</b>	<b>69.23</b>	<b>437</b>	<b>391</b>	<b>89.47</b>	<b>605</b>	<b>532</b>	<b>87.93</b>	<b>806</b>	<b>632</b>	<b>78.41</b>
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	-	-	-	24	22	91.67	37	35	94.59	39	33	84.62
Taungtha	-	-	-	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	-	-	-	26	21	80.77	35	33	94.29	43	35	81.40
Myittha	-	-	-	17	16	94.12	23	18	78.26	36	23	63.89
Dawei	-	-	-	19	16	84.21	28	22	78.57	27	20	74.07
Kyaukse	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
Bogale	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
Myaungtha	-	-	-	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	-	-	-	32	27	84.38	32	29	90.63	41	36	87.80
Lashio	-	-	-	10	7	70.00	14	14	100.00	38	24	63.16
Loikaw	-	-	-	1	1	100.00	4	3	75.00	16	11	68.75



**TABLE 5.06 FEMALE TEACHER EDUCATORS ( cont'd )**  
Academic Years 2014/2015-2018/2019, absolute values and percentage compositions

Education College	2017-2018											
	Principal			Lecturer			Assistant-Lecturer			Tutor		
	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %
<b>Total</b>	<b>24</b>	<b>18</b>	<b>75.00</b>	<b>449</b>	<b>391</b>	<b>87.08</b>	<b>486</b>	<b>434</b>	<b>89.30</b>	<b>970</b>	<b>791</b>	<b>81.55</b>
Yankin	1	1	100.00	35	29	82.86	29	27	93.10	48	41	85.42
Mandalay	1	-	-	31	27	87.10	32	28	87.50	48	43	89.58
Mawlamyine	1	1	100.00	19	17	89.47	18	16	88.89	41	35	85.37
Patheingyi	1	-	-	24	24	100.00	25	23	92.00	45	37	82.22
Taungtha	1	-	-	21	18	85.71	27	27	100.00	42	35	83.33
Taungtha	1	1	100.00	22	20	90.91	17	16	94.12	43	33	76.74
Magway	1	1	100.00	16	12	75.00	26	21	80.77	46	37	80.43
Monywa	1	-	-	29	24	82.76	32	30	93.75	42	34	80.95
Myittha	1	1	100.00	19	16	84.21	14	12	85.71	37	28	75.68
Dawei	1	1	100.00	16	14	87.50	21	16	76.19	32	24	75.00
Kyaikpada	1	1	100.00	8	6	75.00	10	7	70.00	36	24	66.67
Sagaing	1	1	100.00	24	19	79.17	30	28	93.33	47	39	82.98
Pakokku	1	1	100.00	22	21	95.45	30	27	90.00	50	42	84.00
Pyaw	1	1	100.00	15	14	93.33	17	15	88.24	42	32	76.19
Bogale	1	1	100.00	10	8	80.00	16	13	81.25	39	32	82.05
Hpa-An	1	1	100.00	21	20	95.24	22	20	90.91	38	32	84.21
Myaungmya	1	1	100.00	19	19	100.00	21	19	90.48	43	34	79.07
Meiktila	-	-	-	22	20	90.91	22	18	81.82	45	38	84.44
Hlegu	1	1	100.00	29	27	93.10	29	27	93.10	37	33	89.19
Thingangyun	1	1	100.00	30	25	83.33	30	27	90.00	44	41	93.18
Lashio	1	-	-	10	6	60.00	13	13	100.00	41	26	63.41
Loikaw	1	1	100.00	5	4	80.00	4	4	100.00	34	27	79.41
Hakha	1	-	-	2	1	50.00	-	-	-	22	17	77.27
Katha	1	1	100.00	-	-	-	-	-	-	23	22	95.65
Keng Tung	1	1	100.00	-	-	-	1	-	-	5	5	100.00



**TABLE 5.06 FEMALE TEACHER EDUCATORS (concl'd)**  
Academic Years 2014/2015-2018/2019, absolute values and percentage compositions

Education College	2018-2019											
	Principal			Lecturer			Assistant-Lecturer			Tutor		
	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %
<b>Total</b>	<b>25</b>	<b>24</b>	<b>96.00</b>	<b>662</b>	<b>585</b>	<b>88.37</b>	<b>751</b>	<b>640</b>	<b>85.22</b>	<b>293</b>	<b>236</b>	<b>80.55</b>
Yankin	1	-	-	38	33	86.84	38	32	84.21	25	23	92.00
Mandalay	1	1	100.00	35	32	91.43	43	39	90.70	24	22	91.67
Mawlamyine	1	1	100.00	32	29	90.63	26	25	96.15	7	7	100.00
Patheingyi	1	1	100.00	40	39	97.50	33	26	78.79	11	9	81.82
Taungtha	1	1	100.00	30	29	96.67	34	27	79.41	12	11	91.67
Taungtha	1	1	100.00	21	20	95.24	39	32	82.05	15	12	80.00
Magway	1	1	100.00	32	25	78.13	35	29	82.86	21	17	80.95
Monywa	1	1	100.00	36	30	83.33	40	30	75.00	20	15	75.00
Myittha	1	1	100.00	26	23	88.46	26	20	76.92	8	5	62.50
Dawei	1	1	100.00	31	27	87.10	16	14	87.50	6	3	50.00
Kyaungpyaw	1	1	100.00	15	11	73.33	21	18	85.71	3	3	100.00
Sagaing	1	1	100.00	37	32	86.49	38	32	84.21	18	16	88.89
Pakokku	1	1	100.00	33	31	93.94	37	35	94.59	12	10	83.33
Pyaw	1	1	100.00	19	17	89.47	32	26	81.25	12	9	75.00
Bogale	1	1	100.00	19	16	84.21	22	19	86.36	9	8	88.89
Hpa-An	1	1	100.00	29	26	89.66	25	22	88.00	9	8	88.89
Myaungmya	1	1	100.00	33	30	90.91	27	18	66.67	9	6	66.67
Meiktila	1	1	100.00	35	30	85.71	42	36	85.71	11	8	72.73
Hlegu	1	1	100.00	34	33	97.06	32	28	87.50	19	14	73.68
Thingangyun	1	1	100.00	32	26	81.25	34	34	100.00	16	13	81.25
Lashio	1	1	100.00	17	13	76.47	23	20	86.96	5	-	-
Loikaw	1	1	100.00	10	8	80.00	22	18	81.82	8	7	87.50
Hakha	1	1	100.00	9	7	77.78	21	21	100.00	8	5	62.50
Katha	1	1	100.00	10	9	90.00	23	20	86.96	5	5	100.00
Keng Tung	1	1	100.00	9	9	100.00	22	19	86.36	-	-	-

Source : Ministry of Education.

**TABLE 5.07 FEMALE TEACHERS BY RANK**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values and percentage compositions

Academic Year	Primary						Middle					
	School Head			Primary 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
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
2017-2018	33,897	21,213	62.58	172,961	143,499	82.97	2,487	1,739	69.92	145,226	131,496	90.55
2018-2019	32,891	20,746	63.08	169,707	139,004	81.91	5,617	4,161	74.08	147,029	132,642	90.21

**TABLE 5.07 FEMALE TEACHERS BY RANK (concl'd)**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values and percentage compositions

Academic Year	High					
	School Head			Senior Assistant Teachers		
	Total	Females	Females %	Total	Females	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
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
2017-2018	2,102	1,348	64.13	40,117	33,179	82.71
2018-2019	2,484	1,631	65.66	42,103	35,396	84.07

Source : Ministry of Education.

**TABLE 5.08 TEACHERS BY RANK AND BY URBAN AND RURAL**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Rank	Type of Area		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018-2019
Primary Assistant Teacher	Union	Total	90,358	97,156	154,380	148,647	172,961	169,707
		Females	79,941	85,981	130,967	124,799	143,499	139,004
	Urban	Total	20,886	19,994	22,776	22,703	23,517	23,418
		Females	19,973	19,310	21,873	21,803	22,528	22,423
	Rural	Total	69,472	77,162	131,604	125,944	149,444	146,289
		Females	59,968	66,671	109,094	102,996	120,971	116,581
Junior Assistant Teacher	Union	Total	99,604	114,220	142,782	143,109	145,226	147,029
		Females	85,136	100,186	128,642	129,354	131,496	132,642
	Urban	Total	45,798	46,433	48,079	47,116	45,776	43,248
		Females	41,016	42,711	45,231	44,506	43,524	41,185
	Rural	Total	53,806	67,787	94,703	95,993	99,450	103,781
		Females	44,120	57,475	83,411	84,848	87,972	91,457
Senior Assistant Teacher	Union	Total	20,987	26,500	39,031	39,524	40,117	42,103
		Females	16,501	22,000	31,963	32,707	33,179	35,396
	Urban	Total	13,604	15,125	17,327	17,195	17,170	16,566
		Females	11,024	12,840	15,286	15,254	15,233	14,782
	Rural	Total	7,383	11,375	21,704	22,329	22,947	25,537
		Females	5,477	9,160	16,677	17,453	17,946	20,614

Source : Ministry of Education.

**TABLE 5.09 TEACHING STAFF BY ACADEMIC QUALIFICATIONS**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Academic Year	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	16,136	132,626	113,004	1,216	114,220	26,499	1	26,500	255,993	17,353	273,346
2015-2016	183,615	5,167	188,782	142,240	542	142,782	39,030	1	39,031	364,885	5,710	370,595
2016-2017	161,849	21,218	183,067	139,140	3,969	143,109	39,523	1	39,524	340,512	25,188	365,700
2017-2018	182,219	24,639	206,858	140,902	4,324	145,226	40,115	2	40,117	363,236	28,965	392,201
2018-2019	177,907	24,691	202,598	143,256	3,773	147,029	42,101	2	42,103	363,264	28,466	391,730

Source : Ministry of Education.

**TABLE 5.10 STUDENTS APPEARING FOR MATRICULATION EXAMINATION**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Description		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018-2019
1. Appeared	Total	494,843	469,852	636,237	716,188	789,845	851,524
	Males	244,639	214,168	269,628	301,624	336,487	364,583
	Females	250,204	255,684	366,609	414,564	453,358	486,941
2. Passed	Total	126,018	165,007	190,390	242,736	259,191	267,696
	Males	56,364	69,611	75,949	96,262	103,828	106,717
	Females	69,654	95,396	114,441	146,474	155,363	160,979

Note : External students included.

Source : Myanmar Examination Department.

**TABLE 5.11 PERSONS APPEARING FOR MATRICULATION EXAMINATION**

Academic Years 2005/2006 , 2010/2011, 2015/2016-2018/2019, absolute values and percentage compositions

Academic Year	Appeared	Passed	Percentage
2005-2006	494,843	126,018	25.47
2010-2011	469,852	165,007	35.12
2015-2016	636,237	190,390	29.92
2016-2017	716,188	242,736	33.89
2017-2018	789,845	259,191	32.82
2018-2019	851,524	267,696	31.44

Note : Year refers to academic year (June to March).  
External students included.

Source : Myanmar Examination Department.

#### METHODOLOGY SHEET | Monastic education

<b>Responsible Unit (Service or Structure)</b>	Department of Promotion and Propagation of the Sasana
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Number of schools, students of primary, middle and high
<b>Classification Variables</b>	Level of Education
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Academic Year
<b>Units</b>	Monastic Schools, Students
<b>Table</b>	5.12

**TABLE 5.12 MONASTIC EDUCATION STATISTICS**  
Academic Years 2014/2015-2018/2019, absolute values

States and Regions	Academic Year	Schools			Students											
		Primary	Middle	High	Primary				Middle				High			
					Novices	Nuns	Boys	Girls	Novices	Nuns	Boys	Girls	Novices	Nuns	Boys	Girls
UNION	2014-2015	972	557	2	12,111	5,571	106,358	85,867	10,458	5,844	29,879	23,186	-	-	3,455	2,025
	2015-2016	962	629	2	13,334	6,245	120,915	85,562	11,093	6,553	32,761	26,225	-	-	3,872	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
	2017-2018	909	646	2	16,304	9,202	99,620	94,731	9,190	6,245	35,307	32,197	580	39	2,707	2,847
	2018-2019	879	646	2	15,420	10,240	98,629	91,440	9,705	7,018	36,356	35,191	591	29	2,603	2,716
Kachin State	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	-	-	-	-
	2017-2018	15	13	-	35	22	1,485	1,409	11	20	433	418	-	-	-	-
	2018-2019	15	13	-	15	16	1,532	1,430	12	11	479	439	-	-	-	-
Kayah State	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	-	-	-	-
	2017-2018	4	4	-	130	278	213	170	47	29	78	200	-	-	-	-
	2018-2019	3	5	-	147	242	209	126	45	34	83	252	-	-	-	-
Kayin State	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	-	-	-	-
	2017-2018	24	7	-	78	125	2,759	2,717	61	85	563	519	-	-	-	-
	2018-2019	24	7	-	81	122	2,803	2,865	64	72	743	676	-	-	-	-
Chin State	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	-	-	-	-
	2017-2018	9	4	-	29	-	304	255	9	-	112	77	-	-	-	-
	2018-2019	9	4	-	33	-	298	235	8	-	81	124	-	-	-	-
Sagaing Region	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	-	1,308	677	8,342	8,149	1,136	1,491	2,425	2,213	-	-	-	-
	2017-2018	88	95	-	1,274	1,292	7,947	7,601	1,065	1,245	2,969	2,364	-	-	-	-
	2018-2019	80	93	-	1,302	1,583	6,872	7,249	1,297	1,504	3,129	2,138	-	-	-	-
Taninthayi Region	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	-	-	-	-
	2017-2018	34	15	-	76	18	3,211	3,022	37	6	1,036	981	-	-	-	-
	2018-2019	34	15	-	57	9	3,126	2,653	39	4	951	1,206	-	-	-	-
Bago Region	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	-	-	-	-
	2017-2018	83	56	-	115	72	10,889	10,220	53	55	3,925	3,006	-	-	-	-
	2018-2019	81	56	-	747	379	10,077	9,520	473	175	3,455	2,691	-	-	-	-

**TABLE 5.12 MONASTIC EDUCATION STATISTICS (concl'd)**  
Academic Years 2014/2015-2018/2019, absolute values

States and Regions	Academic Year	Schools			Students											
		Primary	Middle	High	Primary				Middle				High			
					Novices	Nuns	Boys	Girls	Novices	Nuns	Boys	Girls	Novices	Nuns	Boys	Girls
Magway Region	2014-2015	75	44	-	282	104	5,443	4,271	211	160	2,203	1,632	-	-	-	-
	2015-2016	76	45	-	332	135	5,566	4,144	218	174	2,189	1,420	-	-	-	-
	2016-2017	74	46	-	276	148	4,382	4,973	149	121	2,212	1,517	-	-	-	-
	2017-2018	72	45	-	252	102	4,847	4,492	131	94	1,680	1,797	-	-	-	-
	2018-2019	67	45	-	299	117	4,386	4,078	147	99	1,752	1,601	-	-	-	-
Mandalay Region	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
	2017-2018	192	167	2	5,115	1,779	21,896	21,022	3,121	920	9,716	9,409	580	39	2,707	2,847
	2018-2019	186	166	2	3,047	1,693	24,146	21,240	2,206	986	10,122	9,970	591	29	2,603	2,716
Mon State	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	-	-	-	-
	2017-2018	26	26	-	340	139	2,724	2,526	208	40	830	737	-	-	-	-
	2018-2019	25	26	-	332	196	2,621	2,235	198	101	683	952	-	-	-	-
Rakhine State	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	-	-	-	-
	2017-2018	54	30	-	198	56	5,969	5,935	177	41	1,917	1,867	-	-	-	-
	2018-2019	53	30	-	187	39	5,873	5,331	189	27	1,964	2,434	-	-	-	-
Yangon Region	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	-	-	-	-
	2017-2018	132	97	-	4,987	4,462	22,675	20,968	2,805	2,905	8,554	6,626	-	-	-	-
	2018-2019	130	98	-	5,093	5,012	23,115	20,873	3,321	3,325	8,960	7,562	-	-	-	-
Shan State	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	-	-	-	-
	2017-2018	54	32	-	3,021	620	5,894	6,116	1,249	593	1,352	1,746	-	-	-	-
	2018-2019	52	33	-	3,318	633	5,839	5,821	1,415	571	1,367	2,492	-	-	-	-
Ayeyawady Region	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	-	-	-	-
	2017-2018	122	55	-	654	237	8,807	8,278	216	212	2,142	2,450	-	-	-	-
	2018-2019	120	55	-	762	199	7,732	7,784	291	109	2,587	2,654	-	-	-	-

Note : Monastic Education High School opened in Mandalay at 2005 - 2006 Academic Year.

Source : Department of Promotion & Propagation of the Sasana.

## METHODOLOGY SHEET | Higher education

<b>Responsible Unit (Service or Structure)</b>	Department of Higher Education, Department of Human Resources for Health, Agricultural University, University of Forestry and Environmental Science, 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 College, Department of Traditional Medicine, Ministry of Education
<b>Level of Disaggregation</b>	Universities and Colleges
<b>Study Variables</b>	Enrollments, Teaching Staff and Graduates of all Universities and Colleges
<b>Classification Variables</b>	Field of Specialization
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Academic Year
<b>Units</b>	Universities and Colleges
<b>Tables</b>	5.13, 5.14, 5.15



**TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>PROFESSIONAL UNIVERSITY</b>								
<b>Medicine</b>	fresh	2,458	2,469	1,584	1,704	1,415	1,073	1,073
	total	14,516	13,806	12,065	12,063	11,336	11,021	10,416
Yangon Medicine (1)	fresh	670	759	479	473	352	294	294
	total	3,822	3,952	3,680	3,576	3,350	3,301	2,948
Yangon Medicine (2)	fresh	485	533	382	379	317	236	236
	total	3,068	3,480	3,221	3,142	2,969	2,906	2,734
Mandalay	fresh	688	632	363	397	336	272	272
	total	4,553	3,621	3,106	3,270	3,069	3,039	2,831
Magway	fresh	615	545	206	284	246	181	181
	total	3,073	2,753	1,904	1,781	1,510	1,412	1,371
Taunggyi	fresh	-	-	154	171	164	90	90
	total	-	-	154	294	438	363	532
<b>Dental Medicine</b>	fresh	445	308	334	216	246	173	173
	total	1,738	1,788	1,937	1,855	1,815	1,659	1,592
Yangon	fresh	249	183	181	125	119	85	85
	total	892	959	1,106	1,070	1,038	952	866
Mandalay	fresh	196	125	153	91	127	88	88
	total	846	829	831	785	777	707	726
<b>Medical Technology</b>	fresh	307	277	273	287	437	338	338
	total	1,077	1,043	1,019	1,094	1,285	1,179	1,343
Yangon	fresh	166	176	125	136	213	162	162
	total	563	609	519	545	628	572	646
Mandalay	fresh	141	101	148	151	224	176	176
	total	514	434	500	549	657	607	697
<b>Nursing</b>	fresh	308	293	336	325	378	387	387
	total	1,387	1,375	2,001	2,157	2,204	2,209	2,460
Yangon	fresh	154	162	139	138	192	162	162
	total	676	693	1,009	1,094	1,066	1,036	1,183
Mandalay	fresh	154	131	197	187	186	225	225
	total	711	682	992	1,063	1,138	1,173	1,277
<b>Pharmacy</b>	fresh	305	256	237	242	301	159	159
	total	1,231	1,028	910	908	1,034	886	968
Yangon	fresh	184	161	142	128	161	73	73
	total	727	635	552	532	594	503	527
Mandalay	fresh	121	95	95	114	140	86	86
	total	504	393	358	376	440	383	441

**TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION (cont'd)**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Community Health (Magway)</b>	fresh	168	166	120	141	169	148	148
	total	925	737	756	701	799	775	805
<b>Traditional Medicine</b>	fresh	139	71	105	116	116	136	115
	total	800	450	429	433	460	527	410
<b>Technological University/ Institutes</b>	fresh	828	32,553 (r)	7,469	6,852	6,314	-	5,977
	total	1,711	92,226 (r)	73,045 (r)	56,981 (r)	61,998 (r)	-	47,917
<b>Myanmar Aerospace and Engineering</b>	fresh	107	153	119	108	79	-	44
	total	354	515	603	579	606	-	495
<b>Economics</b> (Yangon, Monywa, Meiktila)	fresh	3,569	5,913	2,524	2,387	3,041	-	3,443
	total	12,079	14,986	12,346	12,766	12,838	-	13,717
<b>Education</b> (Yangon, Sagaing)	fresh	1,997	2,844	3,553	3,759	4,393	-	725
	total	6,286	6,766	10,189	10,434	13,884	-	7,142
<b>Agriculture</b>	fresh	246	626	543	425	318	297	295
	total	1,287	2,082	2,777	2,739	2,638	2,560	2,452
<b>Forestry</b>	fresh	55	220	85	71	99	73	73
	total	240	830	517	445	454	436	436
<b>Veterinary Science</b>	fresh	90	256	248	148	198	-	242
	total	483	968	1,243	1,333	1,297	-	1,184
<b>Computer</b>	fresh	10,792	3,698	4,171	3,712	3,600	-	3,554
	total	16,216	12,292	13,181	15,698	16,586	-	17,228
<b>Arts and Culture</b>	fresh	125	250	289	315	397	420	468
	total	559	598	974	1,109	1,311	1,380	1,539
Yangon	fresh	68	179	213	221	284	266	335
	total	315	398	733	814	927	902	1,096
Mandalay	fresh	57	71	76	94	113	154	133
	total	244	200	241	295	384	478	443
<b>Myanmar Maritime University</b>	fresh	377	453	343	279	298	328	315
	total	1,315	2,156	1,710	1,454	1,676	-	1,465
<b>Myanmar Mercantile Marine College</b>	fresh	-	454	270	244	254 (r)	-	297
	total	-	454	270	244	254 (r)	253	297

**TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION (cont'd)**

Academic Years 2005/2006 , 2010/2011, 2015/2016-2018/2019, absolute values

Institutes		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>ARTS AND SCIENCE (NON-PROFESSIONAL UNIVERSITY)</b>								
Yangon University	fresh	-	-	731	1,136	1,628	-	1,367
	total	4,969	2,670	3,720	4,851	6,425	-	7,402
Mawlamyine University	fresh	2,316	2,898	4,656	3,617	5,356	-	4,670
	total	5,171	8,328	12,131	12,632	15,346	-	16,111
Patheingyi University	fresh	1,180	1,695	2,229	1,170	2,189	-	1,969
	total	4,097	4,884	7,069	6,548	7,237	-	7,424
Mandalay University	fresh	-	-	651	492	797	-	852
	total	1,964	1,742	3,205	3,616	4,542	-	5,142
Magway University	fresh	1,503	1,701	2,200	1,609	2,131	-	1,778
	total	4,280	4,933	6,963	6,861	7,474	-	7,726
Taunggyi University	fresh	1,952	2,272	2,569	1,876	2,867	-	2,487
	total	2,835	5,466	7,386	7,221	8,109	-	8,452
Myittha University	fresh	1,258	1,797	1,822	1,716	1,921	-	1,838
	total	2,337	5,077	6,506	6,549	6,640	-	6,838
Sittoung University	fresh	125	1,802	970	895	999	-	1,045
	total	669	4,470	3,034	3,024	3,235	-	3,575
Monywa University	fresh	2,734	4,104	5,124	4,297	5,935	-	4,998
	total	7,171	11,679	15,223	16,120	18,614	-	20,225
University of Distance Education	fresh	153,034	111,230	182,034	122,255	179,556	-	172,735
	total	415,898	279,557	360,078	515,121	515,002	-	511,893
Dagon University	fresh	5,261	7,596	8,345	6,614	9,281	-	7,838
	total	13,626	18,511	25,041	25,260	28,047	-	28,237
Pyaw Oo University	fresh	1,989	2,056	2,349	1,925	2,567	-	2,219
	total	3,620	5,852	6,411	6,744	7,447	-	7,935
Meiktila University	fresh	1,258	1,922	2,391	2,130	2,843	-	2,629
	total	3,011	5,142	7,354	7,718	8,727	-	9,529
University of East Yangon	fresh	3,109	3,739	4,053	3,050	4,592	-	3,517
	total	6,732	9,055	11,289	11,218	12,780	-	12,139
Taungtha University	fresh	588	1,456	1,817	1,691	2,358	-	2,291
	total	1,087	3,952	4,877	5,443	6,597	-	7,389
Dawei University	fresh	313	707	1,077	1,058	1,638	-	1,630
	total	833	2,174	3,461	3,661	4,447	-	4,984
Yadanabon University	fresh	5,688	7,652	6,794	5,079	6,625	-	5,023
	total	13,402	22,510	20,230	20,356	21,462	-	21,618
Pakokku University	fresh	880	1,708	2,719	2,121	2,785	-	2,302
	total	2,425	4,976	7,604	8,160	8,862	-	10,150
Kyaukse University	fresh	1,035	1,435	2,031	1,852	2,760	-	2,436
	total	1,395	3,986	5,975	6,588	7,984	-	8,407

**TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION (cont'd)**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
University of West Yangon	fresh	2,674	3,121	3,493	3,104	4,411	-	3,635
	total	6,989	7,010	9,819	10,349	11,679	-	12,082
Hinthada University	fresh	605	1,258	1,930	737	1,599	-	1,453
	total	1,443	3,496	5,201	4,619	5,032	-	5,062
Hpa-An University	fresh	679	963	1,697	1,889	2,901	-	2,850
	total	1,281	2,672	4,552	5,243	6,864	-	8,084
Lashio University	fresh	222	903	1,060	841	1,153	-	936
	total	324	2,005	3,135	3,058	3,382	-	3,395
Kalay University	fresh	1,183	1,830	2,472	1,740	2,283	-	1,937
	total	1,628	4,410	6,816	6,862	7,369	-	7,669
Ba Maw University	fresh	192	496	678	611	679	-	738
	total	300	1,703	2,385	2,352	2,476	-	2,588
Panglong University	fresh	197	234	204	191	297	-	240
	total	472	592	726	722	871	-	927
Maubin University	fresh	540	805	1,502	592	1,239	-	1,300
	total	1,216	2,104	3,668	3,483	4,009	-	4,444
Myeik University	fresh	650	900	995	1,140	1,669	-	1,483
	total	979	2,689	3,511	3,772	4,545	-	4,904
Loikaw University	fresh	248	722	638	491	635	-	598
	total	272	1,671	2,125	1,894	2,040	-	2,074
Keng Tung University	fresh	127	274	273	259	428	-	348
	total	157	670	1,006	949	1,138	-	1,187
Bago University	fresh	1,215	1,606	2,937	2,512	3,540	-	3,224
	total	1,786	3,753	6,988	7,559	9,029	-	9,812
Shwebo University	fresh	1,017	1,296	2,694	2,264	3,074	-	2,351
	total	2,299	3,395	7,845	8,432	9,722	-	9,902
Sagaing University	fresh	-	-	982	946	1,314	-	1,195
	total	-	-	2,834	3,291	3,906	-	4,494
<b>University of Foreign Languages</b>	fresh	539	875	1,275	1,230	1,417	-	1,107
	total	3,942	3,092	4,991	5,235	5,841	-	5,581
Yangon	fresh	177	480	738	827	975	-	696
	total	2,314	1,938	3,062	3,357	3,844	-	3,737
Mandalay	fresh	362	395	537	403	442	-	411
	total	1,628	1,154	1,929	1,878	1,997	-	1,844

**TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION (concl'd)**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Degree College</b>								
Yenangyaung	fresh	612	731	1,192	917	1,331	-	1,072
	total	1,107	1,901	2,920	3,167	3,740	-	4,072
Myingyan	fresh	476	1,068	1,657	1,689	2,101	-	2,079
	total	909	2,974	5,204	5,645	6,292	-	7,013
Mohnyin	fresh	404	731	666	560	841	-	614
	total	799	1,912	2,536	2,317	2,464	-	2,320
ToungGok	fresh	-	-	552	528	651	-	708
	total	-	-	1,364	1,641	1,908	-	2,189
Mandalar	fresh	-	-	1,824	1,500	2,172	-	1,551
	total	-	-	4,716	5,348	6,113	-	5,895
Hakha	fresh	-	-	-	210	369	-	294
	total	-	-	-	210	552	-	735
National Management College	fresh	111	221	442	415	562	-	225
	total	277	643	1,480	1,486	1,887	-	1,591
<b>International Theravada Buddhist Missionary University</b>	fresh	47	45	44	35	56	-	53
	total	206	221	235	269	270	-	292

Notes : 1. Year refers to academic year.  
 2. Animal Husbandry and Veterinary Science was renamed as University of Veterinary Science in 1999.  
 3. 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 and Environmental Science.  
 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.  
 11. Department of Traditional Medicine.  
 12. Ministry of Education.

**TABLE 5.14 TEACHING AND RESEARCH STAFF IN HIGHER EDUCATION**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>PROFESSIONAL UNIVERSITY</b>							
<b>Medicine</b>	1,537	1,622	1,950	2,028	2,147	2,074	2,069
Yangon Medicine I	511	447	576	591	599	579	567
Yangon Medicine II	442	458	533	548	562	540	531
Mandalay	401	458	518	536	560	542	539
Magway	183	259	257	268	314	302	297
Taunggyi	-	-	66	85	112	111	135
<b>Dental Medicine</b>	209	275	322	315	326	321	329
Yangon	113	160	178	175	183	172	166
Mandalay	96	115	144	140	143	149	163
<b>Medical Technology</b>	95	101	188	190	193	187	176
Yangon	52	51	102	109	109	108	97
Mandalay	43	50	86	81	84	79	79
<b>Nursing</b>	269	231	310	309	300	309	293
Yangon	180	149	157	157	153	163	157
Mandalay	89	82	153	152	147	146	136
<b>Pharmacy</b>	83	85	189	193	195	187	171
Yangon	45	40	100	99	96	94	81
Mandalay	38	45	89	94	99	93	90
<b>Community Health</b> (Magway)	51	56	67	64	64	67	62
<b>Public Health</b> (Yangon)	-	19	23	28	28	28	26
<b>Traditional Medicine</b>	92	165	137	127	120	122	121
<b>Technological University/ Colleges/Institutes</b>	464	2,926 (r)	6,878 (r)	6,966 (r)	7,876 (r)	-	8,246
<b>Myanmar Aerospace and Engineering</b>	79	93	94	102	133	-	136
<b>Computer</b>	1,335	1,461	1,526	1,583	1,901	-	1,821
<b>Economics</b>	496	443	505	499	511	-	497
Yangon	254	209	232	233	231	-	228
Monywa	126	122	156	152	163	-	159
Meiktila	116	112	117	114	117	-	110
<b>Education</b>	250	221	398	339	353	-	525
Yangon	149	128	202	188	201	-	370
Sagaing	101	93	196	151	152	-	155
<b>Agriculture</b>	140	161	195	209	209	197	188
<b>Forestry</b>	38	47	38	34	37 (r)	38	36

**TABLE 5.14 TEACHING AND RESEARCH STAFF IN HIGHER EDUCATION (cont'd)**  
Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Veterinary Science</b>	56	70	80	105	102	100	103
<b>Arts and Culture</b>	149	205	214	250	250	249	237
Yangon	68	103	115	131	130	130	125
Mandalay	81	102	99	119	120	119	112
<b>Myanmar Maritime University</b>	120	136	114	111	118	-	113
<b>Myanmar Mercantile Marine College</b>	-	55	41	39	53	48	45
<b>NON-PROFESSIONAL UNIVERSITY</b>							
Yangon University	1,130	794	739	828	834	-	775
Mawlamyine University	406	487	418	411	432	-	433
Patheingyi University	314	373	422	385	395	-	369
Sittoung University	206	212	191	175	202	-	208
Mandalay University	622	546	495	558	574	-	517
Magway University	284	344	390	359	372	-	391
Myittha University	198	203	319	287	301	-	296
Taunggyi University	248	271	348	346	363	-	374
Monywa University	369	421	515	514	531	-	552
University of Distance Education	367	333	352	325	349	-	131
University of Foreign Languages	297	286	372	346	375	-	156
Dagon University	1,048	1,039	1,026	1,046	1,027	-	963
Pyaw Oo University	273	333	301	294	302	-	287
Meiktila University	247	283	312	318	317	-	316
Taungtha University	233	212	248	239	256	-	246

**TABLE 5.14 TEACHING AND RESEARCH STAFF IN HIGHER EDUCATION (concl'd)**  
Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Dawei University	197	192	191	197	207	-	199
Yadanabon University	542	734	768	737	740	-	772
University of East Yangon	542	473	545	524	524	-	501
Pakokku University	202	217	319	297	302	-	308
Hpa-An University	184	187	183	189	204	-	204
Lashio University	120	129	168	162	173	-	165
Kalay University	160	148	244	217	228	-	234
University of West Yangon	338	313	389	366	381	-	375
Kyaukse University	169	160	277	249	263	-	272
Hinthada University	211	229	247	224	234	-	218
Ba Maw University	79	95	157	145	170	-	163
Keng Tung University	88	91	141	125	151	-	140
Myeik University	189	184	177	167	192	-	182
Panglong University	157	109	175	143	166	-	140
Maubin University	218	203	247	231	241	-	210
Loikaw University	138	120	182	173	193	-	175
Bago University	151	191	300	291	294	-	277
Shwebo University	134	180	276	280	281	-	271
Sagaing University	-	-	205	181	193	-	181
<b>Degree College</b>							
Yenangyaung	100	95	149	140	154	-	141
Myingyan	117	106	192	179	184	-	178
Mohnyin	87	90	175	140	150	-	129
Toung Gok	-	-	67	89	108	-	114
Mandalay	-	-	111	181	220	-	217
Hakha	-	-	-	24	49	-	46
National Management	14	16	32	39	49	-	50
<b>International Theravada Buddhist Missionary University</b>	60	62	58	58	55	-	51

- Sources :
1. Department of Higher Education.
  2. Department of Human Resources for Health.
  3. Agricultural University.
  4. University of Forestry and Environmental Science.
  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.
  11. Department of Traditional Medicine.
  12. Ministry of Education.



**TABLE 5.15 GRADUATES OF HIGHER EDUCATION**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Field of Specialization	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>PROFESSIONAL UNIVERSITY</b>							
<b>Medicine</b>	1,128	2,317	2,276	2,641	3,031	156	3,002
Medical graduates	792	2,036	1,627	1,894	2,058	43	1,898
Diploma in Medical Science	61	5	152	215	109	10	74
Master of Medical Science	210	235	422	456	736	87	864
Doctor of Medical Science	51	26	61	65	96	12	151
Ph.D	14	15	14	11	32	4	15
<b>Dental Medical</b>	179	286	268	327	305	6	361
Dental Graduates	165	269	229	251	241	-	283
Diploma in Dental Science	-	-	15	16	13	1	12
Master of Dental Science	14	16	20	51	44	4	53
Doctor of Dental Science	-	1	3	9	7	1	13
Ph.D	-	-	1	-	-	-	-
<b>Medical Technology</b>	306	256	228	242	266	-	271
Bachelor of Medical Technology	293	243	213	231	240	-	245
Master of Medical Technology	13	13	15	8	26	-	26
Diploma in Diagnostic Medical Sonography	-	-	-	3	-	-	-
<b>Nursing</b>	209	429	557	567	762	-	868
Bachelor of Nursing Science	199	420	547	539	681	-	800
Master of Nursing Science	10	9	10	23	61	-	61
Diploma in Emergency Nursing	-	-	-	5	20	-	4
Ph.D	-	-	-	-	-	-	3
<b>Pharmacy</b>	224	253	229	231	194	-	207
Bachelor of Pharmacy	221	245	222	216	174	-	187
Master of Pharmacy	3	8	7	14	12	-	15
Ph.D	-	-	-	1	8	-	5
<b>Community Health( Magway)</b>	333	142	129	109	154	-	134
Bachelor of Community Health	333	142	129	109	151	-	131
Master of Community Health	-	-	-	-	3	-	3
<b>Public Health</b>	-	58	80	120	117	-	85
Diploma in Medical Science	-	23	36	43	37	-	-
Master	-	35	44	76	76	-	83
Ph.D	-	-	-	1	4	-	2
<b>Diploma in Medical Education</b>	-	32	46	34	41	-	33
<b>Traditional Medicine</b>	133	130	103	112	105	86	83
Graduates(B.M.T.M)	-	130	94	100	91	78	65
Master	-	-	9	12	14	8	18
Diploma(Dip.T.Med)	133	-	-	-	-	-	-

**TABLE 5.15 GRADUATES OF HIGHER EDUCATION (cont'd)**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Field of Specialization	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Technological University</b>	1,630	16,167	36,289	20,234	15,962	-	15,106
Graduates	571	15,368	35,450	19,657	15,248	-	14,936
Master	856	663	277	489	159	-	157
Architecture graduates	71	118	389	-	466	-	-
Post-Diploma	-	-	69	-	66	-	13
Pre-Diploma	132	-	-	-	-	-	-
Ph.D	-	18	104	88	23	-	-
<b>Myanmar Aerospace and Engineering</b>	86	70	112	15	112	-	93
Graduates	86	70	105	14	109	-	93
Master	-	-	7	-	2	-	-
Post-Diploma	-	-	-	1	1	-	-
<b>Computer</b>	8,866	3,755	346	2,410	430	-	2,492
Pre- Diploma	61	-	-	-	-	-	-
Post-Diploma	527	1	142	-	-	-	-
Graduates	5,678	3,446	-	2,349	430	-	2,401
Master	2,600	308	162	61	-	-	81
Ph.D	-	-	42	-	-	-	10
<b>Education</b> (Yangon,Sagaing)	1,920	3,593	3,359	4,277	2,214	-	2,970
Education graduates <sup>1</sup>	1,888	3,122	2,732	3,643	1,460	-	2,725
Education Master	32	126	270	241	134	-	232
Diploma	-	341	350	378	620	-	-
Ph.D	-	4	7	15	-	-	13
<b>Economics</b> (Yangon,Monywa,Meiktila)	4,181	5,035	3,928	3,867	1,364	-	4,376
Economics graduates	2,061	1,600	1,823	1,788	336	-	375
Economics Master	79	134	657	533	-	-	280
Commerce graduates	1,801	2,045	438	498	544	-	1,412
Commerce Master	91	69	84	88	-	-	1,054
Statistics graduates	-	427	594	430	484	-	567
Statistics Master	-	12	11	1	-	-	68
Diploma	149	745	303	511	-	-	607
Ph.D	-	3	18	18	-	-	13
<b>Agriculture</b>	404	485	459	514	2	508	675
Agriculture graduates	306	305	416	461	-	493	613
Master of Agricultural Science	14	14	33	35	2	3	54
Master of Philosophy	1	-	-	-	-	-	1
Ph.D in Agriculture	6	6	5	3	-	1	7
Diploma in Agriculture Business Studies	77	159	-	-	-	-	-
Post Graduate Diploma in Agricultural Science (Grad Dip Agsc)	-	1	5	2	-	-	-
Post Graduate Diploma in Agricultural Science in Rice	-	-	-	13	-	11	-

**TABLE 5.15 GRADUATES OF HIGHER EDUCATION (concl'd)**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Field of Specialization	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Forestry</b> <sup>2</sup>	77	65	127	89	84	79	82
Forestry graduates	69	65	126	86	76	76	76
Master	8	-	1	3	8	3	6
<b>Veterinary</b>	145	115	64	225	327	-	309
Graduates	141	86	-	195	314	-	291
Master	4	8	60	29	11	-	17
Ph.D	-	-	4	1	2	-	1
Diploma	-	21	-	-	-	-	-
<b>Arts and Culture Graduates</b>	231	186	133	278	283	283	383
Yangon	117	110	77	181	181	181	255
Mandalay	114	76	56	97	102	102	128
<b>Myanmar Maritime University</b>	-	268	459	531	445	-	415
Graduates	-	250	399	394	295	-	251
Master	-	18	60	137	150	-	164
<b>Myanmar Mercantile Marine College</b>	-	278	133	124	126	-	106
Diploma in Nautical Studies(Dip.N.S.)	-	131	64	64	56	-	56
Diploma in Maritime Technology (Dip.Mar.Tech.)	-	147	69	60	70	-	50
<b>NON-PROFESSIONAL</b>							
<b>Arts and Science</b> <sup>3</sup>	117,243	111,461	41,907	46,989	110,897	-	126,520
Arts graduates	75,026	66,741	9,978	11,627	71,402	-	79,581
Arts Master	1,641	790	1,103	984	795	-	1,325
Arts Diploma	-	-	1,894	806	727	-	1,602
Arts Ph.D	-	-	132	121	-	-	120
Science graduates	34,901	38,848	26,041	29,428	35,987	-	40,604
Science Master	4,372	1,878	2,319	2,421	1,715	-	3,045
Science Diploma	1,156	2,590	229	1,450	271	-	197
Science Ph.D	147	614	211	152	-	-	46
<b>Foreign Languages</b> (Yangon, Mandalay)	-	907	1,114	1,047	5,463	-	1,278
Graduates	-	570	880	787	897	-	982
Master	-	18	58	43	56	-	94
Diploma	-	319	173	217	4,510	-	200
Ph.D	-	-	3	-	-	-	2
<b>International Theravada Buddhist Missionary University</b>	130	92	123	116	99	-	114
Diploma	67	45	42	66	48	-	51
Graduates	44	38	51	40	30	-	43
Master	19	9	28	10	12	-	14
Ph.D	-	-	2	-	9	-	6

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 and Environmental Science.

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.

11. Department of Traditional Medicine.

12. Ministry of Education.

METHODOLOGY SHEET | **Distance education**

<b>Responsible Unit (Service or Structure)</b>	Yangon Institute of Education, Yangon University of Distance Education, Mandalay University of Distance Education, Ministry of Education
<b>Level of Disaggregation</b>	Yangon and Mandalay Universities of Distance Education and Yangon Institute of Education
<b>Study Variables</b>	Student enrolled, appeared and passed
<b>Classification Variables</b>	Subject and Class
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Academic Year
<b>Units</b>	Universities
<b>Table</b>	5.16

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

Academic Years 2014-2019, 2014/2015-2018/2019, absolute values

Particulars	Year	First Year			Second Year			Third Year		
		Enrolled	Appeared	Passed	Enrolled	Appeared	Passed	Enrolled	Appeared	Passed
TOTAL	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	85,778	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	96,358	63,225
	2016-2017	1,829	1,726	1,676	1,419	1,390	1,365	-	-	-
	2017	180,570	151,390	102,852	142,447	128,655	96,482	108,406	99,117	72,569
	2017-2018	1,669	1,581	1,549	1,720	1,700	1,672	-	-	-
	2018	204,306	172,735	125,227	144,110	130,762	101,947	129,355	119,529	95,721
	2018 (Apr-Sep)	1,780	-	-	1,592	-	-	-	-	-
2018-2019	1,780	1,722	1,690	1,592	1,561	1,542	-	-	-	
2019	203,497	-	-	163,816	-	-	128,353	-	-	
Arts	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
	2017	158,205	134,280	91,796	113,817	104,851	81,634	77,934	72,004	54,643
	2018	172,381	147,072	107,758	119,703	110,469	87,288	101,829	95,145	77,922
	2019	174,933	-	-	134,158	-	-	105,042	-	-
Science	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
	2017	12,987	9,924	6,740	17,757	14,395	9,050	14,216	12,425	8,512
	2018	21,231	17,061	12,381	16,098	13,131	9,478	15,809	13,991	10,353
	2019	23,146	-	-	21,898	-	-	14,897	-	-
Law	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
	2017	3,939	3,143	1,872	3,457	2,971	1,710	4,153	3,571	2,030
	2018	4,943	4,073	2,185	3,290	2,864	2,145	3,564	3,023	1,992
	2019	5,418	-	-	3,223	-	-	3,271	-	-
Economics	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
	2017	4,287	3,209	1,968	5,931	5,087	3,148	8,784	7,991	5,289
	2018	4,706	3,763	2,468	4,129	3,520	2,464	6,275	5,636	4,169
	2019	-	-	-	4,521	-	-	5,095	-	-
Interdisciplinary	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
	2017	1,152	834	476	1,485	1,351	940	3,319	3,126	2,095
	2018	1,045	766	435	890	778	572	1,878	1,734	1,285
	2019	-	-	-	16	-	-	48	-	-
Education	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	-	-	-
	2017-2018	1,669	1,581	1,549	1,720	1,700	1,672	-	-	-
	2018 (Apr-Sep)	1,780	-	-	1,592	-	-	-	-	-
	2018-2019	1,780	1,722	1,690	1,592	1,561	1,542	-	-	-

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

Academic Years 2014-2019, 2014/2015-2018/2019, absolute values

Particulars	Year	Fourth Year			Fifth Year			Graduated Student		
		Enrolled	Appeared	Passed	Enrolled	Appeared	Passed	Enrolled	Appeared	Passed
TOTAL	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	68,789	66,177	49,154
	2017	81,938	78,114	62,716	3,340	3,212	2,656	80,440	76,981	62,457
	2018	89,806	85,491	70,521	3,514	3,379	2,608	316,753	280,266	214,245
	2019	109,945	-	-	-	-	-	-	-	-
Arts	2014	-	-	-	-	-	-	-	-	-
	2015	42,967	42,007	35,532	-	-	-	42,967	42,007	35,532
	2016	50,291	48,348	36,992	-	-	-	50,291	48,348	36,992
	2017	57,561	55,125	44,623	-	-	-	57,561	55,125	44,623
	2018	66,492	63,559	53,225	-	-	-	246,928	219,926	168,374
	2019	86,973	-	-	-	-	-	-	-	-
Science	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
	2017	10,583	10,082	8,558	-	-	-	10,583	10,082	8,558
	2018	10,470	9,890	8,357	-	-	-	41,601	35,346	26,923
	2019	12,207	-	-	-	-	-	-	-	-
Law	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
	2017	4,838	4,345	2,915	3,340	3,212	2,656	3,340	3,212	2,656
	2018	3,733	3,299	2,087	3,514	3,379	2,608	9,848	8,580	5,936
	2019	3,220	-	-	-	-	-	-	-	-
Economics	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
	2017	7,735	7,393	5,721	-	-	-	7,735	7,393	5,721
	2018	7,107	6,788	5,286	-	-	-	14,276	12,709	10,073
	2019	7,513	-	-	-	-	-	-	-	-
Interdisciplinary	2014	-	-	-	-	-	-	-	-	-
	2015	531	523	420	-	-	-	531	523	420
	2016	381	368	204	-	-	-	381	368	204
	2017	1,221	1,169	899	-	-	-	1,221	1,169	899
	2018	2,004	1,955	1,566	-	-	-	4,100	3,705	2,939
	2019	32	-	-	-	-	-	-	-	-

Note : Appeared for an exam.

Sources : 1. Yangon Institute of Education.  
2. Yangon University of Distance Education.  
3. Mandalay University of Distance Education.  
4. Ministry of Education.

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

<b>Responsible Unit (Service or Structure)</b>	Scholarship Selection and Approval Committee, Ministry of Education
<b>Level of Disaggregation</b>	Union, Organizations, Ministries, States and Regions
<b>Study Variables</b>	Number of Training, Degree/Diploma, Master and Ph.D of State Administrative Organizations, Ministries, and States and Regions
<b>Classification Variables</b>	Trainings, Degree/Diploma, Master and Ph.D
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Daily, Monthly, Yearly
<b>Units</b>	Scholars
<b>Table</b>	5.17

**TABLE 5.17 STATE SCHOLARS FOR TRAINING ABROAD**  
Years 2016-2019, absolute values

Particulars	2016				Total
	Training	Degree/Diploma	Master	Ph.D	
<b>Union</b>	<b>2,563</b>	<b>39</b>	<b>202</b>	<b>181</b>	<b>2,985</b>
<b>State Administrative Organizations</b>					
President Office	6	-	-	-	6
Union Government's Office	4	-	-	-	4
Pyidaungsu Hluttaw Office	4	-	-	-	4
Pyithu Hluttaw Office	4	-	-	-	4
Amyothar Hluttaw Office	7	-	-	-	7
Supreme Court of the Union	1	-	1	1	3
Union Election Commission Office	2	-	-	1	3
Union Attorney General's Office	8	-	1	2	11
Office of the Auditor General of the Union	10	-	2	-	12
Union Civil Service Board	6	-	1	-	7
Central Bank of Myanmar	36	-	3	-	39
Anti-Corruption Commission Office	-	-	-	-	-
Naypyitaw City Development Committee	2	-	-	-	2
<b>Ministries</b>					
Ministry of Foreign Affairs	30	-	7	-	37
Ministry of Home Affairs	267	4	2	-	273
Ministry of Defence	544	4	15	73	636
Ministry of Border Affairs	4	-	-	-	4
Ministry of the Office of the State Counsellor	-	-	-	-	-
Ministry of Information	18	3	-	-	21
Ministry of Religious Affairs and Culture	17	-	2	-	19
Ministry of Agriculture, Livestock and Irrigation	199	5	33	12	249
Ministry of Transport and Communications	195	3	5	2	205
Ministry of Natural Resources and Environmental Conservation	94	4	16	6	120
Ministry of Electricity and Energy	52	-	4	-	56
Ministry of Labour, Immigration and Population	37	-	6	-	43
Ministry of Industry	91	-	3	3	97
Ministry of Commerce	29	-	3	-	32
Ministry of Education	403	13	45	71	532
Ministry of Health and Sports	235	1	21	6	263
Ministry of Planning and Finance	96	-	25	3	124
Ministry of Construction	34	-	1	1	36
Ministry of Social Welfare, Relief and Resettlement	27	-	3	-	30
Ministry of Hotels and Tourism	41	1	-	-	42
<b>States and Regions</b>					
Kachin State	1	-	-	-	1
Kayah State	1	-	-	-	1
Kayin State	1	-	-	-	1
Chin State	1	-	-	-	1
Sagaing Region	-	-	-	-	-
Taninthayi Region	1	-	-	-	1
Bago Region	4	-	-	-	4
Magway Region	1	-	-	-	1
Mandalay Region	12	-	2	-	14
Mon State	1	-	-	-	1
Rakhine State	2	-	-	-	2
Yangon Region	33	1	1	-	35
Shan State	1	-	-	-	1
Ayeyawady Region	1	-	-	-	1
Nay Pyi Taw	-	-	-	-	-



**TABLE 5.17 STATE SCHOLARS FOR TRAINING ABROAD (cont'd)**  
Years 2016-2019, absolute values

Particulars	2017				Total
	Training	Degree/Diploma	Master	Ph.D	
<b>Union</b>	<b>3,714</b>	<b>43</b>	<b>498</b>	<b>196</b>	<b>4,451</b>
<b>State Administrative Organizations</b>					
President Office	5	-	1	-	6
Union Government's Office	2	2	-	-	4
Pyidaungsu Hluttaw Office	5	-	-	-	5
Pyithu Hluttaw Office	7	-	5	-	12
Amyothar Hluttaw Office	6	-	-	-	6
Supreme Court of the Union	15	-	9	1	25
Constitutional Tribunal of the Union	5	-	-	-	5
Union Election Commission Office	10	-	-	-	10
Union Attorney General's Office	26	-	3	-	29
Office of the Auditor General of the Union	11	-	1	-	12
Union Civil Service Board	45	-	6	1	52
Central Bank of Myanmar	38	-	3	-	41
Anti-Corruption Commission Office	8	-	-	-	8
Naypyitaw City Development Committee	9	-	2	1	12
<b>Ministries</b>					
Ministry of Foreign Affairs	74	3	19	1	97
Ministry of Home Affairs	429	-	4	-	433
Ministry of Defence	795	9	152	7	963
Ministry of Border Affairs	10	-	-	1	11
Ministry of the Office of the State Counsellor	4	-	-	-	4
Ministry of Information	15	-	-	-	15
Ministry of Religious Affairs and Culture	25	-	3	-	28
Ministry of Agriculture, Livestock and Irrigation	255	5	66	45	371
Ministry of Transport and Communications	295	1	26	2	324
Ministry of Natural Resources and Environmental Conservation	103	6	33	11	153
Ministry of Electricity and Energy	160	-	12	-	172
Ministry of Labour, Immigration and Population	79	-	6	-	85
Ministry of Industry	66	1	5	1	73
Ministry of Commerce	77	1	12	1	91
Ministry of Education	517	9	42	91	659
Ministry of Health and Sports	366	-	32	28	426
Ministry of Planning and Finance	119	6	39	4	168
Ministry of Construction	20	-	3	-	23
Ministry of Social Welfare, Relief and Resettlement	17	-	2	1	20
Ministry of Hotels and Tourism	47	-	8	-	55
Ministry of Ethnic Affairs	7	-	-	-	7
<b>States and Regions</b>					
Kachin State	-	-	-	-	-
Kayah State	-	-	-	-	-
Kayin State	-	-	-	-	-
Chin State	-	-	-	-	-
Sagaing Region	-	-	-	-	-
Taninthayi Region	-	-	-	-	-
Bago Region	-	-	-	-	-
Magway Region	-	-	-	-	-
Mandalay Region	16	-	2	-	18
Mon State	-	-	-	-	-
Rakhine State	-	-	-	-	-
Yangon Region	25	-	2	-	27
Shan State	-	-	-	-	-
Ayeyawady Region	1	-	-	-	1
Nay Pyi Taw	-	-	-	-	-

**TABLE 5.17 STATE SCHOLARS FOR TRAINING ABROAD (cont'd)**  
Years 2016-2019, absolute values

Particulars	2018				Total
	Training	Degree/Diploma	Master	Ph.D	
<b>Union</b>	<b>4,212</b>	<b>51</b>	<b>400</b>	<b>173</b>	<b>4,836</b>
<b>State Administrative Organizations</b>					
President Office	12	-	-	-	12
Union Government's Office	7	-	-	-	7
Pyidaungsu Hluttaw Office	31	-	3	1	35
Pyithu Hluttaw Office	25	-	3	-	28
Amyothar Hluttaw Office	15	-	5	1	21
Supreme Court of the Union	25	-	-	1	26
Constitutional Tribunal of the Union	7	-	1	1	9
Union Election Commission Office	64	-	-	-	64
Union Attorney General's Office	23	-	4	-	27
Office of the Auditor General of the Union	7	-	2	-	9
Union Civil Service Board	12	1	6	-	19
Central Bank of Myanmar	32	-	3	-	35
Anti-Corruption Commission Office	7	-	-	-	7
Naypyitaw City Development Committee	-	-	2	-	2
<b>Ministries</b>					
Ministry of Foreign Affairs	90	-	29	-	119
Ministry of Home Affairs	677	-	4	1	682
Ministry of Defence	911	15	89	33	1,048
Ministry of Border Affairs	7	-	-	-	7
Ministry of the Office of the State Counsellor	3	-	-	-	3
Ministry of Information	12	-	2	-	14
Ministry of Religious Affairs and Culture	23	2	5	-	30
Ministry of Agriculture, Livestock and Irrigation	254	3	57	24	338
Ministry of Transport and Communications	243	1	18	-	262
Ministry of Natural Resources and Environmental Conservation	91	11	30	7	139
Ministry of Electricity and Energy	105	3	10	2	120
Ministry of Labour, Immigration and Population	60	3	1	-	64
Ministry of Industry	51	-	3	5	59
Ministry of Commerce	69	2	3	-	74
Ministry of Education	578	7	36	78	699
Ministry of Health and Sports	475	-	32	17	524
Ministry of Planning and Finance	100	3	33	-	136
Ministry of Investment and Foreign Economic Relations	1	-	-	-	1
Ministry of Construction	92	-	4	1	97
Ministry of Social Welfare, Relief and Resettlement	36	-	6	1	43
Ministry of Hotels and Tourism	16	-	5	-	21
Ministry of Ethnic Affairs	2	-	-	-	2
<b>States and Regions</b>					
Kachin State	-	-	-	-	-
Kayah State	-	-	-	-	-
Kayin State	-	-	-	-	-
Chin State	-	-	-	-	-
Sagaing Region	-	-	-	-	-
Taninthayi Region	1	-	-	-	1
Bago Region	-	-	-	-	-
Magway Region	1	-	-	-	1
Mandalay Region	4	-	1	-	5
Mon State	-	-	-	-	-
Rakhine State	1	-	-	-	1
Yangon Region	40	-	3	-	43
Shan State	-	-	-	-	-
Ayeyawady Region	2	-	-	-	2
Nay Pyi Taw	-	-	-	-	-

**TABLE 5.17 STATE SCHOLARS FOR TRAINING ABROAD (concl'd)**  
Years 2016-2019, absolute values

Particulars	2019				Total
	Training	Degree/Diploma	Master	Ph.D	
<b>Union</b>	<b>4,983</b>	<b>18</b>	<b>460</b>	<b>191</b>	<b>5,652</b>
<b>State Administrative Organizations</b>					
President Office	4	-	2	-	6
Union Government's Office	3	-	-	-	3
Pyidaungsu Hluttaw Office	17	-	3	2	22
Pyithu Hluttaw Office	14	-	3	-	17
Amyothar Hluttaw Office	13	-	-	-	13
Supreme Court of the Union	76	-	3	1	80
Constitutional Tribunal of the Union	5	-	-	-	5
Union Election Commission Office	53	-	2	-	55
Union Attorney General's Office	37	-	3	-	40
Office of the Auditor General of the Union	5	-	2	-	7
Union Civil Service Board	34	-	2	-	36
Central Bank of Myanmar	28	-	5	-	33
Anti-Corruption Commission Office	21	-	-	-	21
Naypyitaw City Development Committee	4	-	-	-	4
<b>Ministries</b>					
Ministry of Foreign Affairs	74	1	21	1	97
Ministry of President Office	1	-	-	-	1
Ministry of the Office of the State Counsellor	11	-	2	-	13
Ministry of Union Government Office	112	-	1	-	113
Ministry of Home Affairs	626	-	3	-	629
Ministry of Defence	1,167	4	129	29	1,329
Ministry of Border Affairs	10	-	-	-	10
Ministry of Planning, Finance and Industry	240	-	34	1	275
Ministry of Investment and Foreign Economic Relations	30	-	15	2	47
Ministry of International Cooperation	1	-	-	-	1
Ministry of Information	12	-	1	-	13
Ministry of Religious Affairs and Culture	17	-	3	-	20
Ministry of Agriculture, Livestock and Irrigation	268	2	70	24	364
Ministry of Transport and Communications	266	1	22	2	291
Ministry of Natural Resources and Environmental Conservation	99	2	25	7	133
Ministry of Electricity and Energy	132	-	11	2	145
Ministry of Labour, Immigration and Population	91	-	7	-	98
Ministry of Commerce	65	-	7	1	73
Ministry of Education	793	6	21	79	899
Ministry of Health and Sports	483	2	47	40	572
Ministry of Construction	69	-	8	-	77
Ministry of Social Welfare, Relief and Resettlement	45	-	1	-	46
Ministry of Hotels and Tourism	14	-	2	-	16
Ministry of Ethnic Affairs	1	-	-	-	1
<b>States and Regions</b>					
Kachin State	-	-	-	-	-
Kayah State	-	-	-	-	-
Kayin State	-	-	-	-	-
Chin State	-	-	-	-	-
Sagaing Region	-	-	-	-	-
Taninthayi Region	-	-	-	-	-
Bago Region	-	-	-	-	-
Magway Region	-	-	-	-	-
Mandalay Region	3	-	2	-	5
Mon State	-	-	-	-	-
Rakhine State	1	-	-	-	1
Yangon Region	30	-	3	-	33
Shan State	2	-	-	-	2
Ayeyawady Region	-	-	-	-	-
Nay Pyi Taw	-	-	-	-	-
Yangon Region Hluttaw	6	-	-	-	6

Sources : 1. Scholarship Selection and Approval Committee.  
2. Ministry of Education.

METHODOLOGY SHEET | **Education Colleges**

<b>Responsible Unit (Service or Structure)</b>	Ministry of Education, University for the Development of the National Races of the Union
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Students of Appeared and Passed
<b>Classification Variables</b>	Grade II/PATC, Grade I/JATC
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Academic Year
<b>Units</b>	Education Colleges
<b>Table</b>	5.18

**TABLE 5.18 EDUCATION COLLEGES**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018-2019
Union	A	4,393	112	24,745	21,586	48,070	10,689
	P	4,393	112	24,745	21,586	48,070	10,689
<b>Education College ( Grade II / PATC )</b>							
Kachin State	A	195	-	804	1,361	733	450
	P	195	-	804	1,361	733	450
Kayah State	A	508	-	1,477	1,757	966	302
	P	508	-	1,477	1,757	966	302
Kayin State	A	-	-	70	-	1,428	688
	P	-	-	70	-	1,428	688
Sagaing Region	A	1,036	-	2,845	1,629	6,805	865
	P	1,036	-	2,845	1,629	6,805	865
Taninthayi Region	A	232	112	1,683	1,637	359	474
	P	232	112	1,683	1,637	359	474
Bago Region	A	546	-	2,498	1,515	7,171	855
	P	546	-	2,498	1,515	7,171	855
Magway Region	A	57	-	2,061	1,550	8,322	1,073
	P	57	-	2,061	1,550	8,322	1,073
Mandalay Region	A	848	-	1,838	1,533	3,480	1,067
	P	848	-	1,838	1,533	3,480	1,067
Mon State	A	-	-	923	-	488	527
	P	-	-	923	-	488	527
Rakhine State	A	477	-	1,547	1,496	1,641	355
	P	477	-	1,547	1,496	1,641	355
Yangon Region	A	311	-	2,583	2,746	3,450	1,422
	P	311	-	2,583	2,746	3,450	1,422
Shan State	A	-	-	2,991	3,269	5,748	1,316
	P	-	-	2,991	3,269	5,748	1,316
Ayeyawady Region	A	183	-	3,425	3,093	7,479	1,295
	P	183	-	3,425	3,093	7,479	1,295

**TABLE 5.18 EDUCATION COLLEGES (concl'd)**

Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018-2019
Union	A	7,297	4,927	10,860	8,806	-	-
	P	7,297	4,927	10,860	8,806	-	-
<b>Education college ( Grade I / JATC )</b>							
Kachin State	A	233	107	-	-	-	-
	P	233	107	-	-	-	-
Kayah State	A	-	-	735	733	-	-
	P	-	-	735	733	-	-
Kayin State	A	-	-	-	-	-	-
	P	-	-	-	-	-	-
Sagaing Region	A	621	316	1,952	1,323	-	-
	P	621	316	1,952	1,323	-	-
Taninthayi Region	A	374	191	-	-	-	-
	P	374	191	-	-	-	-
Bago Region	A	718	221	1,320	1,237	-	-
	P	718	221	1,320	1,237	-	-
Magway Region	A	225	189	994	579	-	-
	P	225	189	994	579	-	-
Mandalay Region	A	1,382	415	1,879	1,887	-	-
	P	1,382	415	1,879	1,887	-	-
Mon State	A	274	315	1,090	639	-	-
	P	274	315	1,090	639	-	-
Rakhine State	A	286	140	-	-	-	-
	P	286	140	-	-	-	-
Yangon Region	A	1,415	1,444	1,497	1,154	-	-
	P	1,415	1,444	1,497	1,154	-	-
Shan State	A	940	639	-	-	-	-
	P	940	639	-	-	-	-
Ayeyawady Region	A	829	950	1,393	1,254	-	-
	P	829	950	1,393	1,254	-	-

- Notes :
1. Year refers 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. All Education Colleges(Grade II ) are upgraded to( Grade I ) colleges since 2004-2005.
  4. PATC = Primary Assistant Teacher's Certificate
  5. JATC = Junior Assistant Teacher's Certificate
  6. A= Appeared, P= Passed.

- Sources :
1. Ministry of Education.
  2. University for the Development of the National Races of the Union.

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

<b>Responsible Unit (Service or Structure)</b>	Department of Technical and Vocational Education and Training, Small- Scale Industries Department, Department of Planning, Fisheries Department, Co-operative Department, Ministry of Education, Department of Social Welfare, Department of Education and Training, Forest Department
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Technical, Agricultural and Vocational Training
<b>Classification Variables</b>	University, Institute, College, School, Class
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Academic Year
<b>Units</b>	Vocational Training Institutions
<b>Tables</b>	5.19, 5.20

**TABLE 5.19 TECHNICAL, AGRICULTURAL AND VOCATIONAL TRAINEES**  
Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Technical Institutes</b>								
Government Technical Institutes	A	7,845	-	6,846	9,475	12,317	-	14,489
	P	6,642	-	5,727	7,889	10,183	-	12,235
Government Technical Institutes (Evening)	A	-	-	-	-	-	-	143
	P	-	-	-	-	-	-	131
Agricultural Institutes	A	635	555	822	1,433	1,691	1,682	2,001
	P	635	555	813	1,429	-	-	1,977
Yezin Agricultural University	A	393	550	515	554	98	584	694
	P	404	485	459	514	2	508	643
Education College (Grade I/JATC)	A	7,297	4,927	10,860	8,806	-	-	-
	P	7,297	4,927	10,860	8,806	-	-	-
Education College (Grade II/PATC)	A	4,393	112	24,745	21,586	48,070	-	10,689
	P	4,393	112	24,745	21,586	48,070	-	10,689
<b>Commercial University/College</b>								
Yangon	A	545	1,425	1,873	1,808	1,872	1,789	1,975
	P	205	1,262	1,618	1,577	1,763	1,763	1,812
Others	A	567	1,305	3,323	3,253	3,492	3,247	3,701
	P	278	1,210	2,957	2,751	3,149	3,149	3,314
Lacquerware Technology College	A	23	102	177	183	241 (r)	122	215
	P	23	102	142	137	122 (r)	-	102
<b>Technical Schools</b>								
Government Technical High Schools	A	-	7,685	5,528	6,557	7,350	-	8,246
	P	-	5,896	3,160	4,747	6,102	-	6,370
Commercial Training School	A	298	285	196	194	224	87	243
	P	298	285	190	189	216	85	240
Computer Operator Course	A	150	108	-	-	-	-	-
	P	148	102	-	-	-	-	-
Engineering Technology Evening Classes	A	751	575	-	-	-	-	-
	P	718	575	-	-	-	-	-
Handicraft	A	150	108	-	-	-	-	-
	P	148	102	-	-	-	-	-
Saunders' Weaving and Vocational Institute and (13) Weaving & Vocational Schools	A	187	206	240	380	434 (r)	626	443
	P	187	206	215	379	411 (r)	412	416
Fishery Schools	A	739	778	606	1,722	1,583	792	889
	P	739	778	606	1,722	1,583	792	889
Forestry Training School	A	156	213	82	95	111	56	73
	P	155	197	78	94	107	-	-
Others	A	2,978	4,660	10,139	13,019	10,470	4,640	7,046
	P	2,612	4,121	9,491	12,069	9,575	4,623	7,046
Training School For Development of Nationalities Youth from Border Areas	A	2,341	2,984	5,432	6,305	6,719	7,067	6,634
	P	2,139	2,584	4,957	6,305	6,719	7,067	6,634



**TABLE 5.19 TECHNICAL, AGRICULTURAL AND VOCATIONAL TRAINEES (cont'd)**  
Academic Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Institutes		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Technical Schools for Nationalities</b>	A	81	162	420	832	1,064	416	534
<b>Youth in Border Areas</b>	P	81	162	420	832	1,064	416	534
Training course of Carpentry,	A	-	40	40	108	90	-	52
Masonry Work	P	-	40	40	108	90	-	52
Basic Mechanic Course	A	32	82	204	386	441	147	-
	P	32	82	204	386	441	147	-
Basic Electronic Wedding Course	A	49	40	138	311	382	133	221
	P	49	40	138	311	382	133	221
Electronic Fuel Injection	A	-	-	22	8	-	-	-
	P	-	-	22	8	-	-	-
Construction Course	A	-	-	16	19	38	18	40
	P	-	-	16	19	38	18	40
Mobile Phone Repairing Course	A	-	-	-	-	66	30	43
	P	-	-	-	-	66	30	43
Motor Mechanic	A	-	-	-	-	47	78	178
	P	-	-	-	-	47	78	178
Steel Welding Course	A	-	-	-	-	-	5	-
	P	-	-	-	-	-	5	-
Aluminium Course	A	-	-	-	-	-	5	-
	P	-	-	-	-	-	5	-
<b>Technical Schools for Nationalities</b>	A	-	100	130	83	77	32	42
<b>Youth in Border Areas (Mobile)</b>	P	-	100	130	83	77	32	42
Training course of Carpentry,	A	-	100	50	46	25	14	12
Masonry Work	P	-	100	50	46	25	14	12
Basic Mechanic Course	A	-	-	80	37	27	-	10
	P	-	-	80	37	27	-	10
Basic Electronic Wedding Course	A	-	-	-	-	25	4	20
	P	-	-	-	-	25	4	20
Maintenance of Cycle - Engined Course	A	-	-	-	-	-	14	-
	P	-	-	-	-	-	14	-
<b>Vocational Training School of</b>	A	3,035	4,351	6,049	6,965	7,841	3,187	6,159
<b>Domestic Science for Women</b>	P	3,035	4,351	6,049	6,965	7,841	3,187	6,159
Basic Vocational	A	2,316	3,269	4,182	4,967	5,400	2,362	4,108
	P	2,316	3,269	4,182	4,967	5,400	2,362	4,108
Advanced Tailoring	A	337	895	1,803	1,852	2,154	622	1,667
	P	337	895	1,803	1,852	2,154	622	1,667
Knitting Course	A	261	111	-	-	10	5	10
	P	261	111	-	-	10	5	10
Course Oyster Shell and Gem	A	43	13	-	-	-	-	-
Paining	P	43	13	-	-	-	-	-
Hand-loom Course	A	39	12	-	42	17	5	7
	P	39	12	-	42	17	5	7
Traditional Hand Weaving Course	A	-	-	64	104	110	43	67
	P	-	-	64	104	110	43	67
Bamboo and Cane Domestic	A	-	51	-	-	-	-	-
Handiwork Course	P	-	51	-	-	-	-	-
Cooking Course	A	39	-	-	-	-	-	-
	P	39	-	-	-	-	-	-
Front Office Operation Course	A	-	-	-	-	50	50	100
	P	-	-	-	-	50	50	100
Housekeeping Course	A	-	-	-	-	50	50	100
	P	-	-	-	-	50	50	100
Food and Beverage Service	A	-	-	-	-	50	65	100
	P	-	-	-	-	50	65	100
<b>Vocational Training School of</b>	A	-	240	1,073	689	360	298	100
<b>Domestic Science for Women (Mobile)</b>	P	-	240	1,073	689	360	298	100
Basic Vocational	A	-	120	501	306	205	133	-
	P	-	120	501	306	205	133	-
Advanced Tailoring	A	-	-	268	79	25	15	-
	P	-	-	268	79	25	15	-
Knitting Course	A	-	-	-	-	-	-	-
	P	-	-	-	-	-	-	-
Course Oyster Shell and Gem	A	-	-	-	-	-	-	-
Paining	P	-	-	-	-	-	-	-
Advanced Dress Making Special	A	-	120	304	304	-	-	-
Training Course	P	-	120	304	304	-	-	-
Advanced Sewing and Knitting	A	-	-	-	-	130	150	100
	P	-	-	-	-	130	150	100

**TABLE 5.19 TECHNICAL, AGRICULTURAL AND VOCATIONAL TRAINEES (concl'd)**  
Academic Years 2005/2006,2010/2011, 2015/2016-2018/2019, absolute values

Institutes		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>UDNR</b>								
Master of Education	A	4	12	2	12	23	36	15
	P	4	-	-	1	2	-	23
B.Ed (1) year	A	54	99	-	-	-	-	-
	P	54	99	-	-	-	-	-
B.Ed (4) year	A	232	242	-	-	-	-	-
	P	228	237	-	-	-	-	-
B.Ed (5) year	A	-	-	302 (r)	310 (r)	325	1,372	307
	P	-	-	-	-	223	-	267
B.Ed (2) year Bridge	A	170	163	-	-	-	-	-
	P	67	154	-	-	-	-	-
Diploma in Teacher Education	A	72	-	-	107	119	118	74
	P	69	-	-	-	107	-	117
Junior Assistant Teacher Certificate	A	38	15	-	-	-	-	-
	P	37	15	-	-	-	-	-
Primary Assistant Teacher Certificate	A	-	-	-	-	-	-	-
	P	-	-	105	-	-	-	-
<b>NYRDDC</b>								
Arts	A	176	132	320	438	207	554	579
	P	38	59	38	79	-	-	96
Science	A	262	403	666	707	289	845	865
	P	62	127	198	146	-	-	169
A.G.T.I	A	92	189	580	591	223	526	456
	P	56	81	135	141	-	-	141
Remedial	A	-	-	61	116	-	116	-
	P	-	-	-	61	-	116	-
<b>Central Training School</b>								
<b>(Modernize Motor Machine Course)</b>	A	-	-	564	599	342	140	300
	P	-	-	564	599	342	140	300

Notes : 1. A= Appeared, P= Passed.

- Year refers 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 students in 2005-2006 is passed in 2007-2008.
- B.Ed(4) years appears 232 students in 2005-2006 is passed in 2009-2010.
- Basic Education of Middle and High Schools are included in Training School for Development of Nationalities Youth from Border Areas.
- UDNR= The University for the Development of the National Races of the Union in Sagaing
- NYRDDC= Nationalities Youth Resource Development Degree College in Yangon and Sagaing.

- Sources :
- Department of Technical and Vocational Education and Training.
  - Small-Scale Industries Department.
  - Department of Planning. (Ministry of Agriculture, Livestock and Irrigation)
  - Fisheries Department.
  - Co-operative Department.
  - Ministry of Education.
  - Department of Social Welfare.
  - Department of Education and Training.
  - Forest Department.

**TABLE 5.20 VOCATIONAL TRAINEES BY TYPE OF SKILL**  
Academic Years 2010/2011, 2015/2016-2018/2019, absolute values

Course		2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>GOVERNMENT TECHNICAL</b>	A	7,685	5,528	6,557	7,350	-	8,246
<b>HIGH SCHOOL</b>	P	5,896	3,160	4,747	6,102	-	6,370
a. Building Technology	A	2,316	1,534	1,694	1,714	-	1,902
	P	1,878	1,056	1,310	1,998	-	1,542
b. Electronics Technology	A	1,190	861	1,162	1,227	-	1,355
	P	903	484	822	944	-	1,023
c. Electrical Technology	A	1,077	1,058	1,439	1,665	-	1,782
	P	772	584	1,011	1,222	-	1,424
d. Building Service Technology	A	355	-	-	-	-	-
	P	271	-	-	-	-	-
e. Auto Mechanics Technology	A	1,770	1,114	1,234	1,459	-	1,711
	P	1,392	562	854	1,037	-	1,286
f. Machining Technology	A	911	658	729	883	-	1,002
	P	650	303	530	613	-	700
g. Metal Processing Technology	A	66	75	64	59	-	50
	P	30	36	51	47	-	44
h. Information Technology	A	-	176	178	235	-	298
	P	-	107	130	177	-	239
i. Refrigeration and Air Conditioning	A	-	52	57	108	-	146
	P	-	28	39	64	-	112
<b>GOVERNMENT TECHNICAL</b>	A	-	6,846	9,475	12,317	-	14,489
<b>INSTITUTES</b>	P	-	5,727	7,889	10,183	-	12,235
a. Civil Engineering	A	-	1,903	2,633	3,311	-	3,826
	P	-	1,585	2,167	2,781	-	3,258
b. Electrical Communication	A	-	1,427	1,994	2,609	-	3,004
	P	-	1,207	1,723	2,186	-	2,582
c. Electrical Power	A	-	1,712	2,340	2,985	-	3,461
	P	-	1,475	2,005	2,537	-	2,982
d. Mechanical	A	-	1,740	2,288	2,989	-	3,386
	P	-	1,401	1,815	2,331	-	2,739
e. Information Technology	A	-	64	220	378	-	697
	P	-	59	179	308	-	581
f. Industrial Engineering	A	-	-	-	45	-	115
	P	-	-	-	40	-	93

Notes : 1. Year refers to academic year, which varies depending on the type of course.  
2. A= Appeared, P= Passed.

Sources : 1. Department of Technical and Vocational Education and Training.  
2. Ministry of Education.

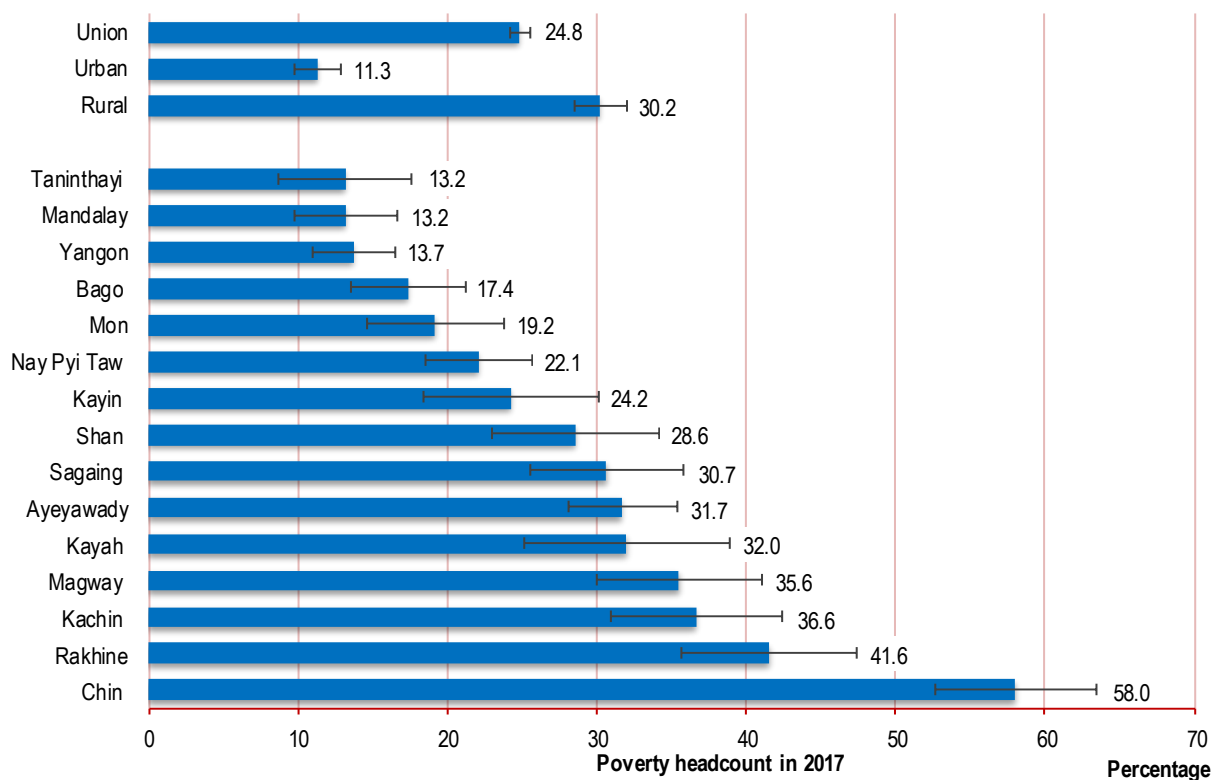


# 6

## Households and Social Issues

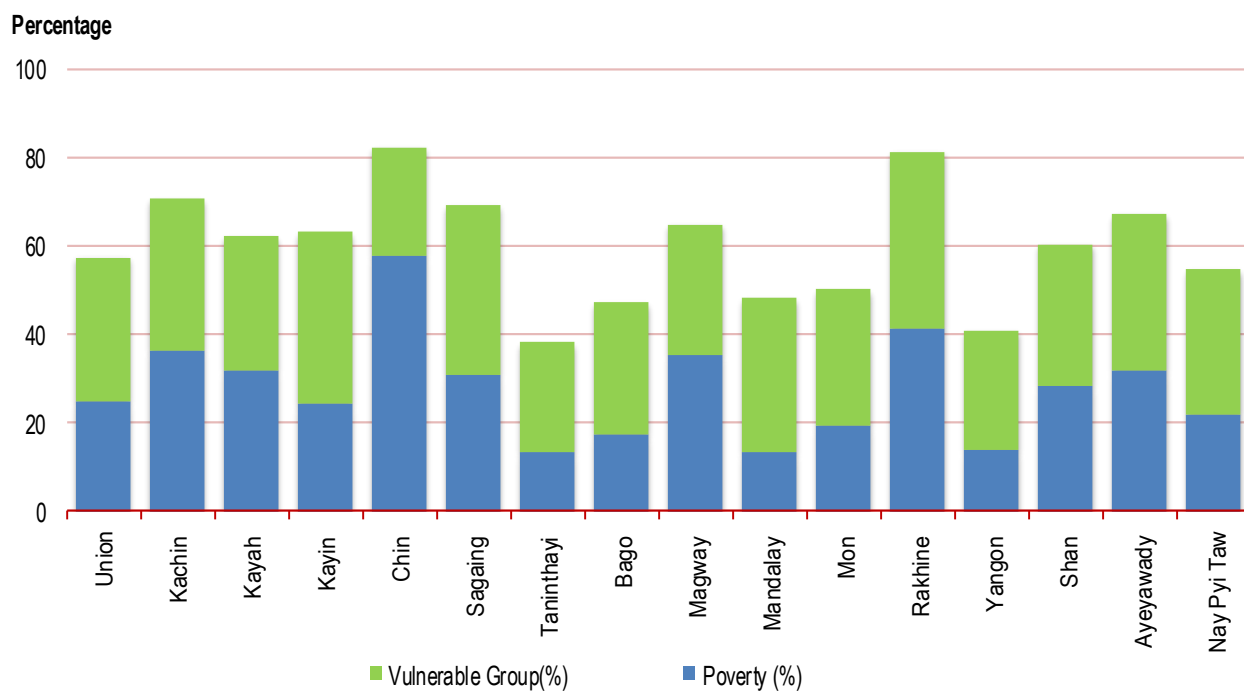
According to the Myanmar living conditions survey 2017, **poverty headcount** was **11.3%** in **Urban**, **30.2%** in **Rural**. The highest **vulnerable group** was **39.9%** in **Rakhine State** and the lowest **vulnerable group** was **24.5%** in **Chin State**. The highest percentage of Non-poor households that own **at least one mobile phone asset** was **85.8%** and the ownership of computer was **4.2%** which is the lowest. The average daily **per adult equivalent consumption** was **3374 kyat** in Yangon Region and **1737 kyat** in Chin State. Yangon Region and Mandalay Region have **the highest share of high school and tertiary completion** were **9.6%**, **14.6%** and **6.9%**, **7.9%** among the adults population. **Shan State** has **the highest share of adults** have **30.4%** who have never attended school. **Chin State** and **Shan State** have the lowest utilization of healthcare services in **private medical facility** was **13.1%** and **22.6%**. The **circulation** of Myanmar Language newspapers ( The Mirror, Myanma Alinn, Myawaddy, City News, Mandalay Yadanarbon ) decreased from **411 thousand copies** per publishing day in **2018**, to **331 thousand copies** per publishing day in **2019**. The Global New Light of Myanmar, an English language paper, published 13 thousand copies per publishing day in 2019. The annual decrease for all papers (80 thousands) was about 20%. All the newspapers publish online daily.

**FIGURE 6.1 POVERTY MEASURES, NUMBER OF POOR AND SHARE OF POOR, 2017**



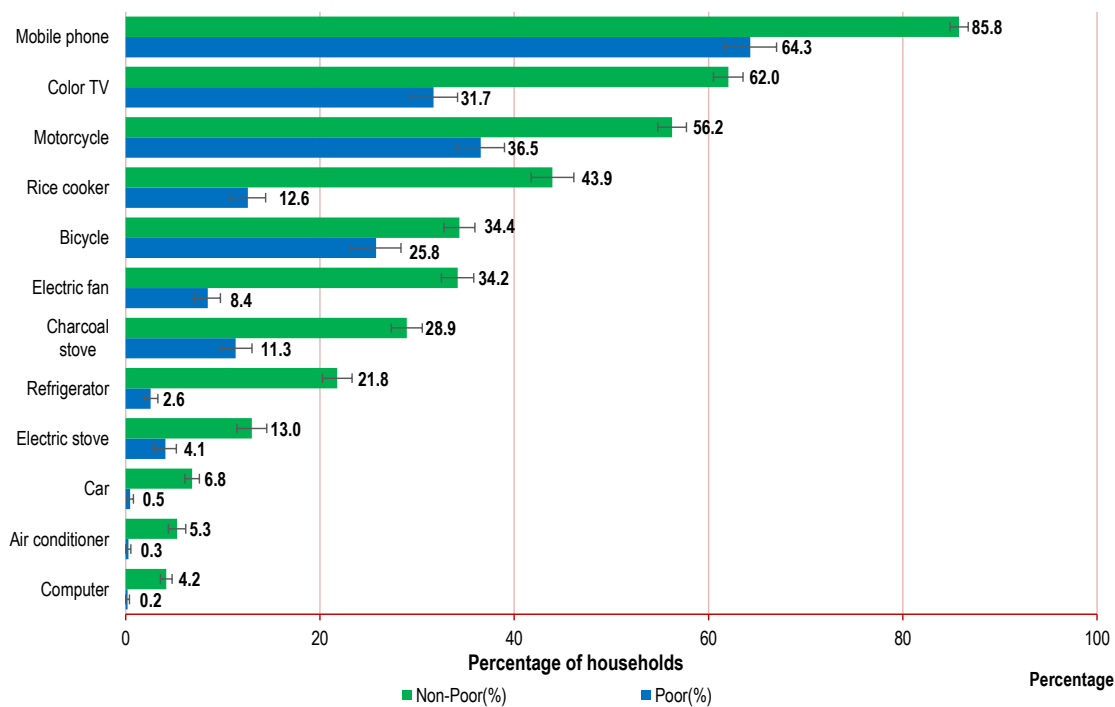
Source : Myanmar Living Conditions Survey (2017)

**FIGURE 6.2 PERCENTAGE OF POVERTY AND VULNERABLE GROUP BY STATES AND REGIONS**



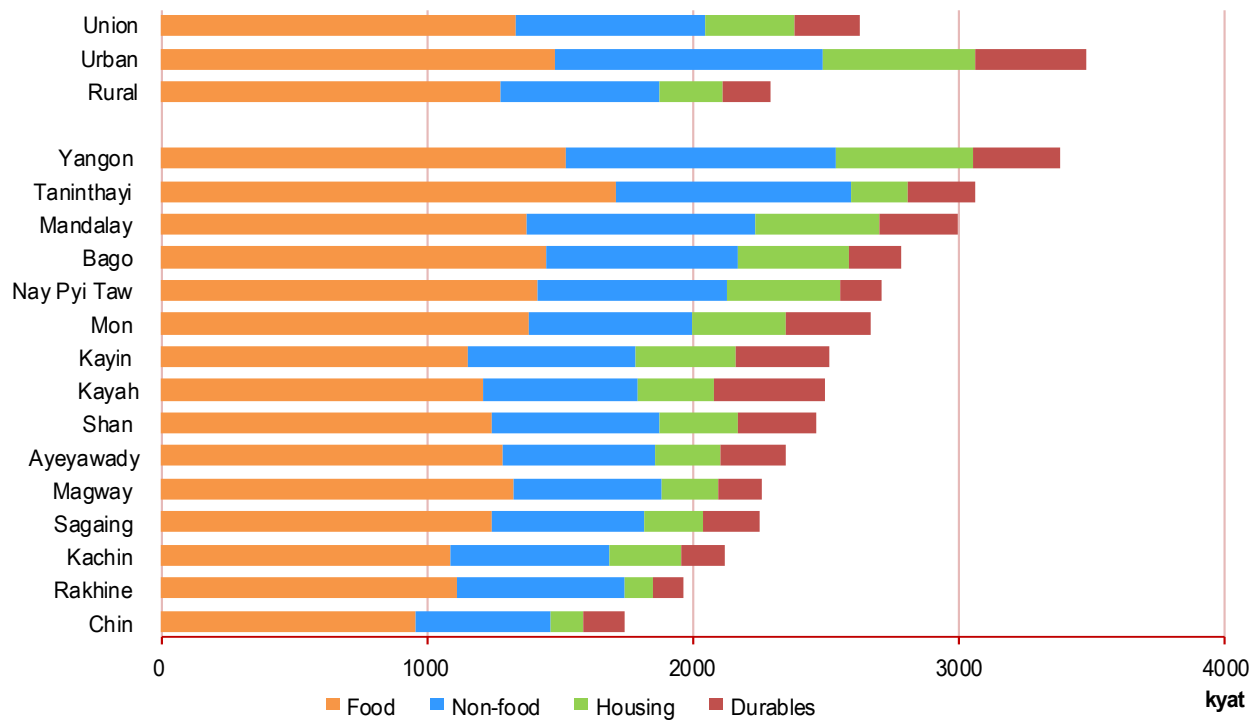
Source : Myanmar Living Conditions Survey (2017)

**FIGURE 6.3 HOUSEHOLD ASSET OWNERSHIP BY POVERTY STATUS, 2017**



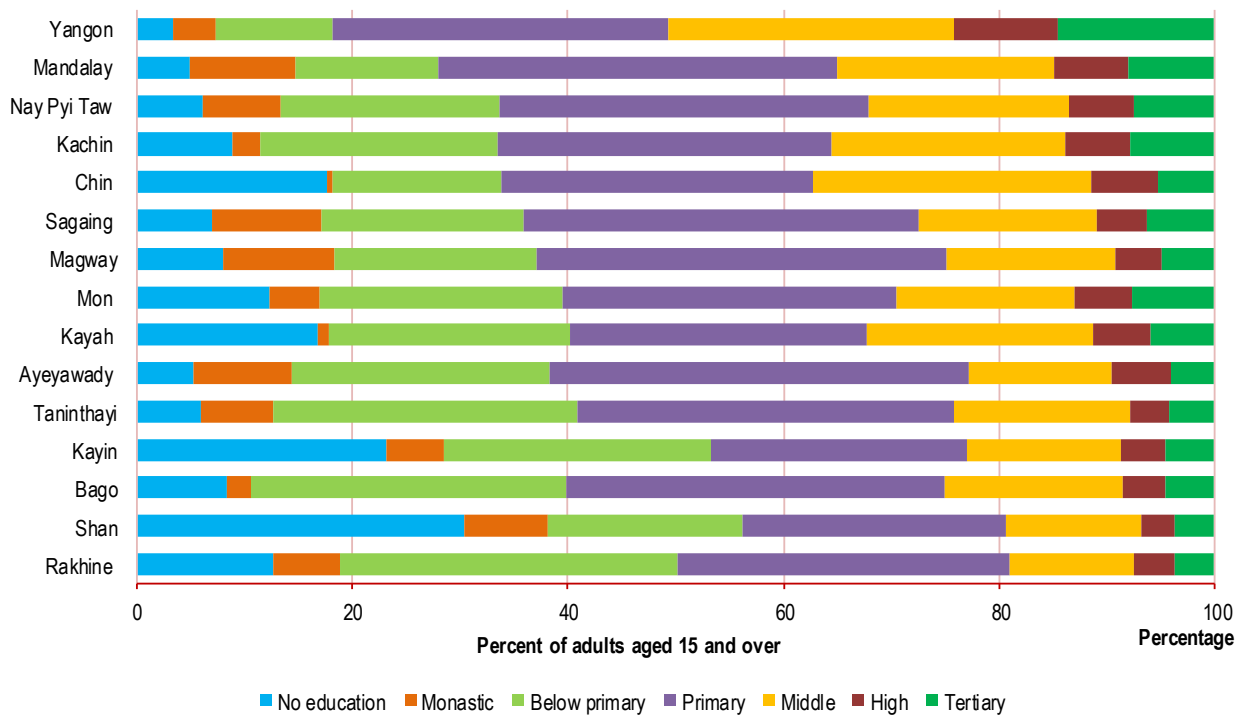
Source : Myanmar Living Conditions Survey (2017)

**FIGURE 6.4 PER ADULT EQUIVALENT DAILY CONSUMPTION, 2017**



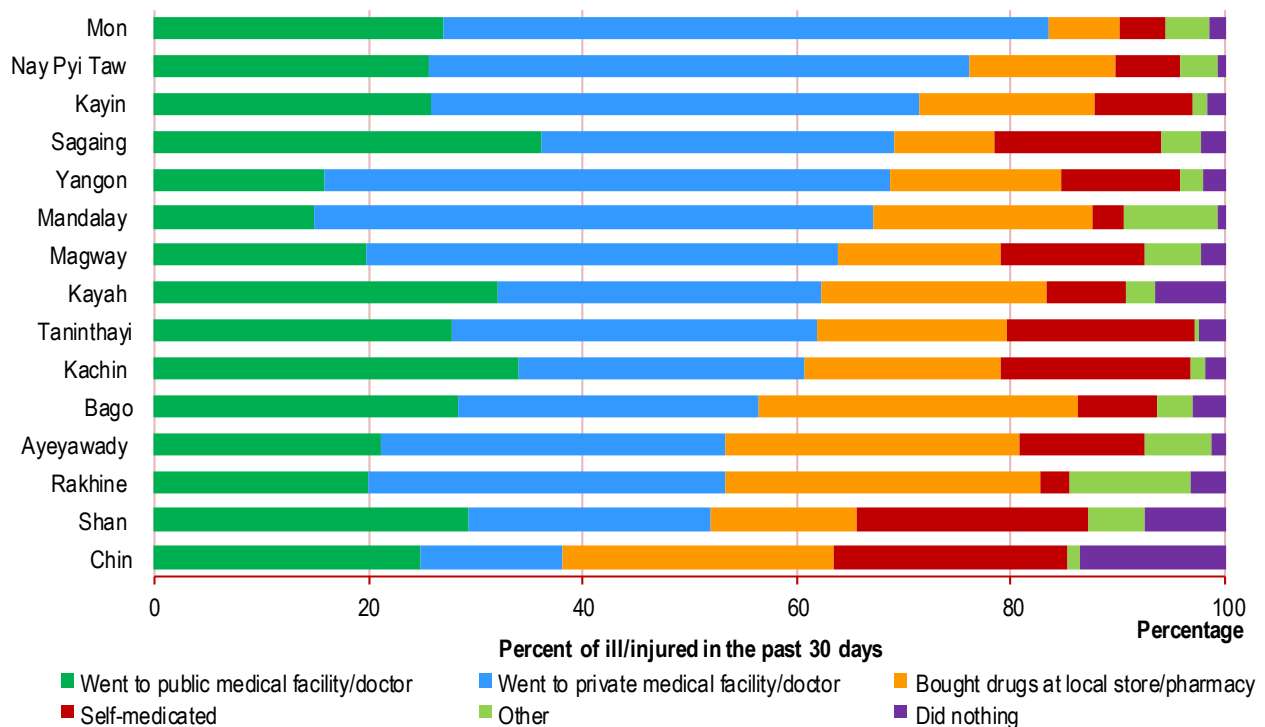
Source : Myanmar Living Conditions Survey (2017)

**FIGURE 6.5 EDUCATIONAL ATTAINMENT AMONG ADULTS OVER 15 YEARS OF AGE, BY STATES AND REGIONS**



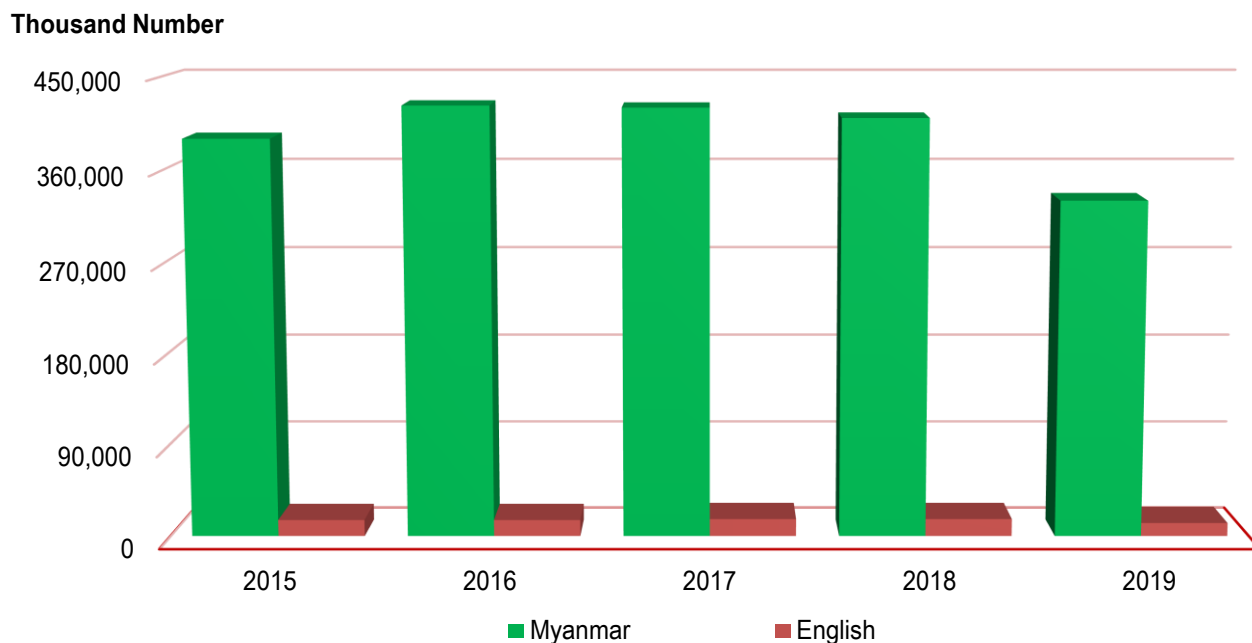
Source : Myanmar Living Conditions Survey (2017)

**FIGURE 6.6 PERCENTAGE OF ILL OR INJURED INDIVIDUALS SEEKING DIFFERENT TYPES OF TREATMENT, BY STATES AND REGIONS**



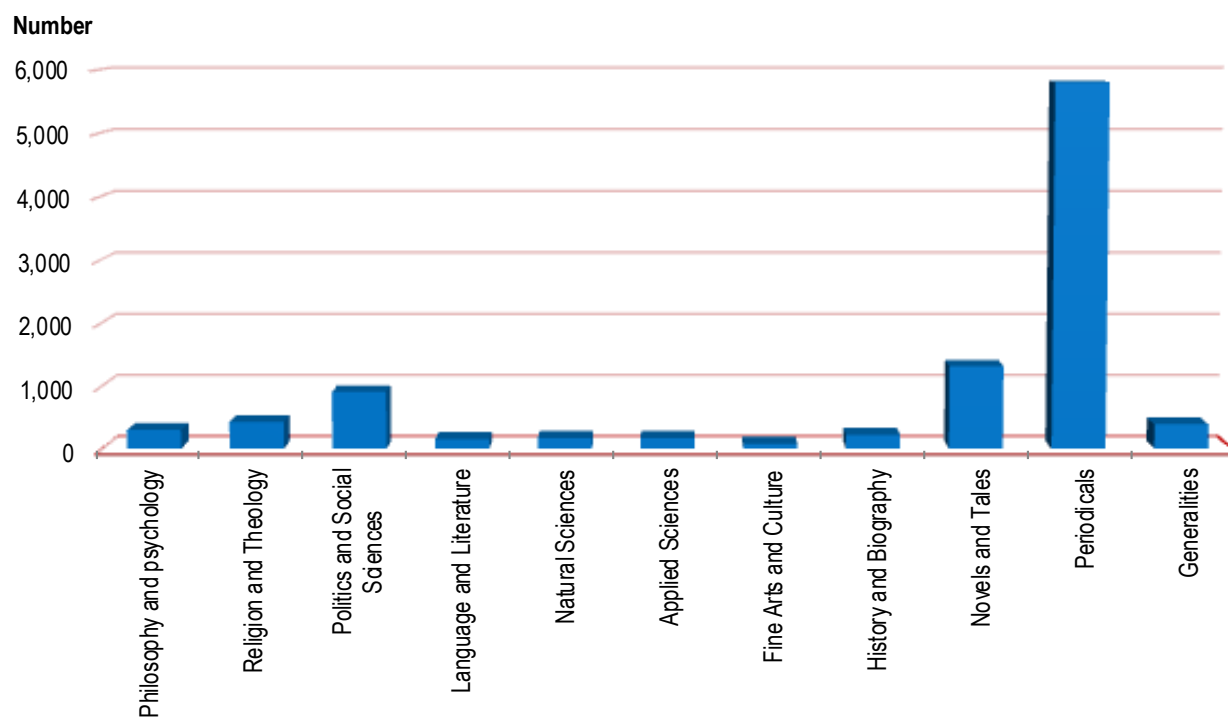
Source : Myanmar Living Conditions Survey (2017)

**FIGURE 6.7 DAILY NEWSPAPER CIRCULATIONS**



Source : City News, Mandalay Yadanarbon News, News and Periodical Enterprise and MyawaddyNews

**FIGURE 6.8 PUBLISHED BOOKS BY TYPE, 2019**



Source : Information and Public Relation Department



## HOUSEHOLDS

### METHODOLOGY SHEET | Households Characteristics

<b>Responsible Unit (Service or Structure)</b>	Central Statistical Organization
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Poverty measures, number of poor and share of poor, 2017, Percentage of poverty and vulnerable group by states and regions, Household asset ownership by poverty status, 2017, Per adult equivalent daily consumption, 2017, Educational attainment among adults over 15 years of age, by states and regions, Percentage of ill or injured individuals seeking different types of treatment, by states and regions.
<b>Classification Variables</b>	Share of Total Population(%), Poverty Headcount(%), Number of Poor(000), Share of Poor(%), Poverty Gap(%), Poverty Gap Squared(%), Vulnerable Group(%), Poor(%), Non-poor(%), Food, Non-food, Housing, Durables, Total, Food share, No Education, Monastic, Below Primary, Primary, Middle, High, Tertiary, Went to Public Medical Facility/Doctor, Went to Private Medical Facility/Doctor, Bought Drugs at Local Store/Pharmacy, Self-Medicated, Other, Did Nothing
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Once in Every Five Year
<b>Units</b>	Households
<b>Tables</b>	6.01,6.02,6.03,6.04,6.05,6.06

**TABLE 6.01 POVERTY MEASURES, NUMBER OF POOR AND SHARE OF POOR, 2017**  
Year 2017, absolute and percentage values

	Share of Total Population (%)	Poverty Headcount (%)	Number of Poor (000)	Share of Poor (%)	Poverty Gap (%)	Poverty Gap Squared (%)
<b>Union</b>	100.0	24.8	11756.0	100.0	5.2	1.6
Urban	28.5	11.3	1531.0	13.0	2.3	0.7
Rural	71.5	30.2	10225.0	87.0	6.4	2.0
<b>Agro-zone</b>						
Coastal	8.5	32.2	1288.0	11.0	5.5	1.5
Delta	25.9	24.4	2990.0	25.4	5.1	1.6
Hills and Mountains	18.8	31.0	2767.0	23.5	7.6	2.7
Dry	31.8	24.8	3736.0	31.8	5.0	1.5
Yangon	15.0	13.7	974.0	8.3	2.7	0.8
<b>States and Regions</b>						
Kachin State	3.3	36.6	570.0	4.8	10.0	3.7
Kayah State	0.6	32.0	91.0	0.8	8.4	3.1
Kayin State	2.8	24.2	325.0	2.8	4.1	1.0
Chin State	1.0	58.0	275.0	2.3	18.7	8.1
Sagaing Region	10.3	30.7	1499.0	12.8	6.4	2.1
Taninthayi Region	2.8	13.2	175.0	1.5	2.5	0.9
Bago Region	10.1	17.4	830.0	7.1	3.8	1.1
Magway Region	7.5	35.6	1268.0	10.8	7.6	2.4
Mandalay Region	11.8	13.2	741.0	6.3	2.3	0.6
Mon State	3.6	19.2	329.0	2.8	4.2	1.5
Rakhine State	5.7	41.6	1114.0	9.5	7.0	1.7
Yangon Region	15.0	13.7	974.0	8.3	2.7	0.8
Shan State	11.1	28.6	1507.0	12.8	6.8	2.3
Ayeyawady Region	12.2	31.7	1831.0	15.6	6.3	1.9
Nay Pyi Taw	2.2	22.1	228.0	1.9	4.1	1.1

Note : Myanmar Living Conditions Survey-2017.

Source : Central Statistical Organization.

**TABLE 6.02 PERCENTAGE OF POVERTY AND VULNERABLE GROUP BY STATES AND REGIONS**  
Year 2017, percentage values

	Poverty (%)	Vulnerable Group (%)
<b>Union</b>	<b>24.8</b>	<b>32.9</b>
<b>States and Regions</b>		
Kachin State	36.6	34.2
Kayah State	32.0	30.4
Kayin State	24.2	39.0
Chin State	58.0	24.5
Sagaing Region	30.7	38.7
Taninthayi Region	13.2	25.0
Bago Region	17.4	30.0
Magway Region	35.6	29.5
Mandalay Region	13.2	35.2
Mon State	19.2	31.0
Rakhine State	41.6	39.9
Yangon Region	13.7	27.5
Shan State	28.6	32.0
Ayeyawady Region	31.7	35.7
Nay Pyi Taw	22.1	32.8

Note : Myanmar Living Conditions Survey-2017.

Source : Central Statistical Organization.

**TABLE 6.03 HOUSEHOLD ASSET OWNERSHIP BY POVERTY STATUS, 2017**  
Year 2017, percentage values

Household Asset	Poor (%)	se_poor	Non-poor (%)	se_nonpoor
Computer	0.2	0.2	4.2	0.6
Air conditioner	0.3	0.3	5.3	0.9
Car	0.5	0.3	6.8	0.7
Electric stove	4.1	1.1	13.0	1.5
Refrigerator	2.6	0.7	21.8	1.5
Charcoal stove	11.3	1.7	28.9	1.6
Electric fan	8.4	1.3	34.2	1.7
Bicycle	25.8	2.6	34.4	1.6
Rice cooker	12.6	1.8	43.9	2.2
Motorcycle	36.5	2.4	56.2	1.5
Color TV	31.7	2.5	62.0	1.5
Mobile phone	64.3	2.7	85.8	0.9

Note : Myanmar Living Conditions Survey-2017.

Source : Central Statistical Organization.

se= standard error

**TABLE 6.04 PER ADULT EQUIVALENT DAILY CONSUMPTION, 2017**  
Year 2017, absolute values in kyats

	Food	Non-food	Housing	Durables	Total	Food share
<b>Union</b>	<b>1334.2</b>	<b>712.5</b>	<b>331.9</b>	<b>249.1</b>	<b>2627.7</b>	<b>50.8</b>
Urban	1482.9	999.3	572.9	419.9	3475.0	42.7
Rural	1274.3	596.9	234.8	180.2	2286.4	55.7
<b>States and Regions</b>						
Kachin State	1084.2	595.6	273.8	163.6	2117.2	51.2
Kayah State	1206.7	585.9	282.3	416.1	2491.1	48.4
Kayin State	1152.9	628.5	378.1	351.7	2511.2	45.9
Chin State	954.7	504.3	126.2	152.2	1737.4	55.0
Sagaing Region	1244.0	566.5	223.3	217.6	2251.5	55.3
Taninthayi Region	1710.6	881.8	211.7	250.5	3054.7	56.0
Bago Region	1444.5	724.6	414.8	200.2	2784.1	51.9
Magway Region	1319.7	559.3	213.3	167.7	2260.0	58.4
Mandalay Region	1370.3	862.2	462.3	299.5	2994.3	45.8
Mon State	1380.4	616.8	345.6	320.2	2663.1	51.8
Rakhine State	1108.7	633.2	106.7	114.3	1962.9	56.5
Yangon Region	1516.5	1018.8	518.8	320.4	3374.5	44.9
Shan State	1243.7	630.7	292.4	292.2	2459.0	50.6
Ayeyawady Region	1285.8	569.3	242.4	246.7	2344.1	54.9
Nay Pyi Taw	1412.0	717.4	419.1	154.2	2702.7	52.2

Note : Myanmar Living Conditions Survey-2017.

Source : Central Statistical Organization.

**TABLE 6.05** EDUCATIONAL ATTAINMENT AMONG ADULTS OVER 15 YEARS OF AGE, BY STATES AND REGIONS

Year 2017, percentage values

	No Education	Monastic	Below Primary	Primary	Middle	High	Tertiary
<b>Union</b>	<b>9.7</b>	<b>7.0</b>	<b>19.7</b>	<b>33.6</b>	<b>17.6</b>	<b>5.6</b>	<b>6.9</b>
Urban	4.8	2.9	11.8	27.7	26.4	10.2	16.2
Rural	11.8	8.7	23.1	36.1	13.9	3.6	2.8
<b>States and Regions</b>							
Kachin State	8.9	2.5	22.2	30.9	21.8	6.0	7.8
Kayah State	16.8	0.9	22.4	27.5	21.1	5.4	5.9
Kayin State	23.2	5.2	24.8	23.8	14.3	4.2	4.5
Chin State	17.6	0.6	15.7	28.8	25.9	6.2	5.2
Sagaing Region	6.9	10.3	18.6	36.8	16.5	4.6	6.2
Taninthayi Region	5.9	6.7	28.2	34.9	16.5	3.6	4.2
Bago Region	8.3	2.3	29.1	35.1	16.6	4.0	4.5
Magway Region	7.9	10.4	18.7	38.1	15.6	4.3	5.0
Mandalay Region	4.9	9.8	13.3	36.9	20.2	6.9	7.9
Mon State	12.3	4.5	22.5	31.1	16.5	5.4	7.7
Rakhine State	12.6	6.3	31.3	30.8	11.5	3.8	3.7
Yangon Region	3.3	4.1	10.7	31.2	26.5	9.6	14.6
Shan State	30.4	7.8	18.1	24.4	12.5	3.0	3.8
Ayeyawady Region	5.3	9.0	23.9	39.1	13.1	5.5	4.1
Nay Pyi Taw	6.0	7.3	20.2	34.4	18.6	6.1	7.4

Note : Myanmar Living Conditions Survey-2017.

Source : Central Statistical Organization.

**TABLE 6.06** PERCENTAGE OF ILL OR INJURED INDIVIDUALS SEEKING DIFFERENT TYPES OF TREATMENT, BY STATES AND REGIONS  
Year 2017, percentage values

	Went to Public Medical Facility/Doctor	Went to Private Medical Facility/Doctor	Bought Drugs at Local Store/Pharmacy	Self-Medicated	Other	Did Nothing
<b>Union</b>	23.7	37.5	20.4	10.9	4.8	2.6
Urban	9.3	56.7	18.3	11.5	1.8	2.3
Rural	28.6	31.0	21.1	10.7	5.9	2.8
<b>States and Regions</b>						
Kachin State	34.0	26.7	18.3	17.8	1.4	1.8
Kayah State	32.2	30.1	21.0	7.4	2.7	6.6
Kayin State	25.8	45.7	16.3	9.2	1.3	1.7
Chin State	25.0	13.1	25.4	21.8	1.1	13.6
Sagaing Region	36.2	33.0	9.2	15.7	3.7	2.3
Taninthayi Region	27.8	34.1	17.6	17.6	0.5	2.4
Bago Region	28.4	28.1	29.7	7.5	3.4	3.0
Magway Region	19.7	44.1	15.2	13.5	5.2	2.3
Mandalay Region	15.0	52.2	20.4	3.0	8.6	0.7
Mon State	27.0	56.5	6.6	4.3	4.0	1.5
Rakhine State	20.0	33.3	29.6	2.7	11.2	3.3
Yangon Region	15.8	52.8	16.1	11.0	2.2	2.0
Shan State	29.3	22.6	13.8	21.5	5.2	7.6
Ayeyawady Region	21.3	32.0	27.6	11.6	6.3	1.2
Nay Pyi Taw	25.7	50.4	13.7	5.9	3.5	0.7

Note : Myanmar Living Conditions Survey-2017.

Source : Central Statistical Organization.

## SOCIAL ISSUES

### METHODOLOGY SHEET | Daily Newspaper Circulation

<b>Responsible Unit (Service or Structure)</b>	City News, Mandalay Yadanarbon News, News and Periodicals Enterprise, Myawaddy News
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Myanmar and English daily newspapers by publishers and circulation (000)
<b>Classification Variables</b>	Public and Private
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Daily
<b>Units</b>	Daily newspapers
<b>Table</b>	6.07

**TABLE 6.07 DAILY NEWSPAPER CIRCULATION**  
Years 2005, 2010, 2015-2019, absolute values

Year	Myanmar		English	
	Publishers	Circulation in thousand	Publishers	Circulation in thousand
2005	4	345	1	19
2010	4	249	1	11
2015	5	391	1	16
2016	5	423	1	16
2017	5	421	1	17
2018	5	411	1	17
2019	5	331	1	13

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

METHODOLOGY SHEET | **Published books, Library and Cinemas**

<b>Responsible Unit (Service or Structure)</b>	Information and Public Relation Department, Sarpay Beikman Public Library, National Library, Motion Picture Enterprise
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Public Books activities of Public Library, National Library and Cinemas by States and Regions.
<b>Classification Variables</b>	Public and Private
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Published books, Libraries, Cinemas
<b>Tables</b>	6.08, 6.09, 6.10, 6.11, 6.12

**TABLE 6.08 PUBLISHED BOOKS BY TYPE**  
Years 2005, 2010, 2015-2019, absolute values

Subject	2005	2010	2015	2016	2017	2018	2019
<b>TOTAL</b>	<b>10,625</b>	<b>11,374</b>	<b>14,135</b>	<b>14,441</b>	<b>12,932</b>	<b>11,211</b>	<b>9,915</b>
Philosophy and psychology	147	145	306	308	312	299	296
Religion and Theology	550	490	757	540	452	469	424
Politics and Social Sciences	450	360	601	740	712	978	905
Language and Literature	357	139	111	157	129	131	151
Natural Sciences	119	360	140	382	118	130	170
Applied Sciences	62	133	255	274	247	201	169
Fine Arts and Culture	1,419	700	394	72	47	99	77
History and Biography	24	63	297	428	453	316	216
Novels and Tales	1,510	1,528	1,415	1,483	1,651	1,306	1,313
Periodicals	5,500	7,367	9,751	9,692	8,417	6,942	5,806
Generalities	487	89	108	365	394	340	388

Note : Private Sector only.

Source : Information and Public Relation Department.  
(Copyright and Registration Division)



**TABLE 6.09 ACTIVITIES OF THE SARPAY BEIKMAN PUBLIC LIBRARY**  
Years 2005, 2010, 2015-2019, absolute values

Year	Number of Borrowers			Books Circulated	Accession	
	Special member	Ordinary member	Children member		Myanmar Books	English Books
2005	-	3,161	-	15,292	797	83
2010	45	2	-	1,688	2,391	602
2015	263	69	40	9,480	745	619
2016	229	35	42	12,471	757	149
2017	114	11	40	11,193	2,109	158
2018	164	23	30	7,867	2,422	488
2019	177	31	23	8,904	1,209	145

Source : Sarpay Beikman Public Library.

**TABLE 6.10 NATIONAL LIBRARY STATISTICS**  
Years 2005, 2010, 2015-2019, 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	-	-
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	-
2017	21,426	126,841	13,054	3,175	23,400	3,718	6,604	-
2018	16,464	165,124	12,225	3,815	13,578	1,895	754	-
2019	10,468	75,144	11,138	3,891	15,104	1,217	300	-

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

Source : National Library.



**TABLE 6.11 PUBLIC CINEMAS BY STATES AND REGIONS (concl'd)**  
Year 2019, absolute values

States and Regions	Seating Capacity By Admission Class											
	3500 Ks	3600 Ks	3750 Ks	4000 Ks	4500 Ks	4750 Ks	5000 Ks	5500 Ks	6000 Ks	6500 Ks	9000 Ks	10000 Ks
<b>UNION</b>	<b>391</b>	<b>32</b>	<b>38</b>	<b>58</b>	<b>18</b>	<b>108</b>	<b>209</b>	<b>20</b>	<b>20</b>	<b>8</b>	<b>34</b>	<b>64</b>
Kachin State	-	-	-	-	-	-	-	-	-	-	-	-
Kayah State	-	-	-	-	-	-	-	-	-	-	-	-
Kayin State	-	-	-	-	-	-	-	-	-	-	-	-
Chin State	-	-	-	-	-	-	-	-	-	-	-	-
Sagaing Region	-	-	-	-	-	-	-	-	-	-	-	-
Taninthayi Region	-	-	-	16	-	-	-	-	-	-	-	-
Bago Region	-	-	-	-	-	-	-	-	-	-	-	-
Magway Region	-	-	-	-	-	-	-	-	-	-	-	-
Mandalay Region	-	-	38	-	-	-	30	-	20	-	-	64
Mon State	-	-	-	-	-	-	-	-	-	-	-	-
Rakhine State	-	-	-	-	-	-	-	-	-	-	-	-
Yangon Region	391	-	-	-	18	108	99	-	-	8	34	-
Shan State	-	-	-	42	-	-	80	-	-	-	-	-
Ayeyawady Region	-	32	-	-	-	-	-	20	-	-	-	-

Source : Motion Picture Enterprise.

**TABLE 6.12 PRIVATE CINEMAS BY STATES AND REGIONS**  
Year 2019, absolute values

States and Regions	Cinema Halls	Total No. of Seats	Seating Capacity By Admission Class							
			500 Ks	800 Ks	1000 Ks	1200 Ks	1300 Ks	1500 Ks	1700 Ks	1800 Ks
<b>UNION</b>	<b>165</b>	<b>38,602</b>	<b>122</b>	<b>86</b>	<b>2,642</b>	<b>775</b>	<b>84</b>	<b>5,455</b>	<b>1,103</b>	<b>1,149</b>
Kachin State	6	1,893	-	26	101	-	-	310	-	-
Kayah State	-	-	-	-	-	-	-	-	-	-
Kayin State	3	1,725	-	-	38	-	-	63	-	-
Chin State	-	-	-	-	-	-	-	-	-	-
Sagaing Region	14	3,517	-	-	200	158	-	699	369	-
Taninthayi Region	3	345	-	-	41	-	-	169	-	-
Bago Region	13	3,582	-	-	169	22	-	352	66	282
Magway Region	4	1,400	-	-	108	-	54	122	-	72
Mandalay Region	25	7,518	-	-	631	252	-	1,317	-	347
Mon State	7	1,928	-	-	111	154	30	288	302	45
Rakhine State	-	-	-	-	-	-	-	-	-	-
Yangon Region	68	10,827	-	60	592	64	-	917	-	117
Shan State	6	1,887	122	-	356	54	-	460	162	-
Ayeyawady Region	10	2,329	-	-	176	71	-	520	204	132
Nay Pyi Taw	6	1,651	-	-	119	-	-	238	-	154

**TABLE 6.12 PRIVATE CINEMAS BY STATES AND REGIONS (cont'd)**  
Year 2019, absolute values

States and Regions	Seating Capacity By Admission Class									
	2000 Ks	2100 Ks	2200 Ks	2300 Ks	2400 Ks	2500 Ks	2600 Ks	2700 Ks	2750 Ks	2800 Ks
<b>UNION</b>	<b>6,469</b>	<b>92</b>	<b>1,049</b>	<b>1,148</b>	<b>220</b>	<b>5,285</b>	<b>208</b>	<b>313</b>	<b>60</b>	<b>314</b>
Kachin State	480	-	-	-	-	251	-	-	-	-
Kayah State	-	-	-	-	-	-	-	-	-	-
Kayin State	611	-	-	-	-	548	-	-	-	-
Chin State	-	-	-	-	-	-	-	-	-	-
Sagaing Region	475	-	438	168	-	364	-	168	36	-
Taninthayi Region	120	-	-	-	-	12	-	-	-	-
Bago Region	751	92	54	180	76	612	-	20	-	186
Magway Region	196	-	-	306	-	214	-	20	-	-
Mandalay Region	1,272	-	-	404	-	1,256	208	105	-	-
Mon State	250	-	240	-	60	195	-	-	24	-
Rakhine State	-	-	-	-	-	-	-	-	-	-
Yangon Region	1,354	-	-	-	-	1,588	-	-	-	128
Shan State	237	-	76	-	-	111	-	-	-	-
Ayeyawady Region	368	-	165	90	84	77	-	-	-	-
Nay Pyi Taw	355	-	76	-	-	57	-	-	-	-

**TABLE 6.12 PRIVATE CINEMAS BY STATES AND REGIONS (cont'd)**  
Year 2019, absolute values

States and Regions	Seating Capacity By Admission Class									
	3000 Ks	3500 Ks	4000 Ks	4500 Ks	5000 Ks	5400 Ks	5500 Ks	5600 Ks	6000 Ks	6500 Ks
<b>UNION</b>	<b>4,500</b>	<b>2,988</b>	<b>1,229</b>	<b>308</b>	<b>440</b>	<b>56</b>	<b>394</b>	<b>17</b>	<b>658</b>	<b>88</b>
Kachin State	16	249	106	-	48	-	-	-	204	-
Kayah State	-	-	-	-	-	-	-	-	-	-
Kayin State	442	-	-	-	-	-	-	-	11	-
Chin State	-	-	-	-	-	-	-	-	-	-
Sagaing Region	138	140	-	-	28	14	30	-	26	-
Taninthayi Region	-	-	3	-	-	-	-	-	-	-
Bago Region	390	20	175	32	-	-	-	-	16	-
Magway Region	208	36	-	-	24	-	-	-	-	-
Mandalay Region	978	427	28	28	50	-	-	-	90	18
Mon State	136	-	-	-	14	14	32	-	9	-
Rakhine State	-	-	-	-	-	-	-	-	-	-
Yangon Region	1,604	1,922	715	229	44	-	332	-	242	60
Shan State	132	73	21	-	44	14	-	-	25	-
Ayeyawady Region	187	121	-	19	44	14	-	-	35	-
Nay Pyi Taw	269	-	181	-	144	-	-	17	-	10

**TABLE 6.12 PRIVATE CINEMAS BY STATES AND REGIONS (cont'd)**  
Year 2019, absolute values

States and Regions	Seating Capacity By Admission Class							
	7000 Ks	7300 Ks	7500 Ks	8000 Ks	8500 Ks	9000 Ks	10000 Ks	11000 Ks
<b>UNION</b>	<b>255</b>	<b>39</b>	<b>128</b>	<b>64</b>	<b>72</b>	<b>184</b>	<b>119</b>	<b>149</b>
Kachin State	90	-	-	-	-	-	-	-
Kayah State	-	-	-	-	-	-	-	-
Kayin State	6	-	-	6	-	-	-	-
Chin State	-	-	-	-	-	-	-	-
Sagaing Region	46	-	-	-	-	20	-	-
Taninthayi Region	-	-	-	-	-	-	-	-
Bago Region	39	-	28	-	20	-	-	-
Magway Region	20	-	-	-	20	-	-	-
Mandalay Region	32	39	-	4	32	-	-	-
Mon State	-	-	24	-	-	-	-	-
Rakhine State	-	-	-	-	-	-	-	-
Yangon Region	-	-	76	54	-	141	119	141
Shan State	-	-	-	-	-	-	-	-
Ayeyawady Region	22	-	-	-	-	-	-	-
Nay Pyi Taw	-	-	-	-	-	23	-	8

**TABLE 6.12 PRIVATE CINEMAS BY STATES AND REGIONS (concl'd)**  
Year 2019, absolute values

States and Regions	Seating Capacity By Admission Class								
	12000 Ks	15000 Ks	16000 Ks	17000 Ks	18000 Ks	25000 Ks	30000 Ks	45000 Ks	55000 Ks
<b>UNION</b>	<b>96</b>	<b>28</b>	<b>50</b>	<b>12</b>	<b>96</b>	<b>46</b>	<b>6</b>	<b>3</b>	<b>3</b>
Kachin State	-	-	-	12	-	-	-	-	-
Kayah State	-	-	-	-	-	-	-	-	-
Kayin State	-	-	-	-	-	-	-	-	-
Chin State	-	-	-	-	-	-	-	-	-
Sagaing Region	-	-	-	-	-	-	-	-	-
Taninthayi Region	-	-	-	-	-	-	-	-	-
Bago Region	-	-	-	-	-	-	-	-	-
Magway Region	-	-	-	-	-	-	-	-	-
Mandalay Region	-	-	-	-	-	-	-	-	-
Mon State	-	-	-	-	-	-	-	-	-
Rakhine State	-	-	-	-	-	-	-	-	-
Yangon Region	96	28	50	-	96	46	6	3	3
Shan State	-	-	-	-	-	-	-	-	-
Ayeyawady Region	-	-	-	-	-	-	-	-	-
Nay Pyi Taw	-	-	-	-	-	-	-	-	-

Source : Motion Picture Enterprise.

METHODOLOGY SHEET | **Video Services**

<b>Responsible Unit (Service or Structure)</b>	Central Video Supervision Committee.
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Video activities by States and Regions
<b>Classification Variables</b>	-
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Video Services
<b>Table</b>	6.13

**TABLE 6.13 VIDEO SERVICES BY STATES AND REGIONS**

Years 2010, 2015-2019, 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
	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
	2017	10,590	110	616	257	79	1,008	2,755	3,312	2,453
	2018	9,344	84	732	219	55	882	2,803	1,763	2,806
	2019	16,958	653	57	42	874	736	2,766	3,280	8,550
Kachin State	2010	1,575	1	47	-	-	23	1,060	404	40
	2015	426	-	30	-	-	4	161	191	40
	2016	568	-	39	-	-	15	149	177	188
	2017	520	-	40	-	-	9	148	113	210
	2018	421	-	24	-	-	9	62	67	259
	2019	764	22	-	-	7	34	37	282	382
Kayah State	2010	161	-	14	-	-	5	89	46	7
	2015	130	-	6	-	-	8	45	45	26
	2016	91	-	5	-	-	6	25	35	20
	2017	67	-	2	-	-	6	23	36	-
	2018	65	-	-	-	-	6	21	38	-
	2019	92	-	-	-	5	16	12	13	46
Kayin State	2010	483	-	17	-	-	91	86	276	13
	2015	252	-	9	-	-	47	42	141	13
	2016	253	-	10	-	-	50	32	136	25
	2017	131	-	-	-	-	30	2	99	-
	2018	102	-	6	-	-	34	45	1	16
	2019	173	4	-	-	30	27	1	25	86
Chin State	2010	128	-	12	-	-	-	72	40	4
	2015	11	-	3	-	-	-	-	8	-
	2016	14	-	4	-	-	-	-	10	-
	2017	9	-	3	-	-	-	-	4	2
	2018	5	-	2	-	-	-	-	2	1
	2019	25	-	-	-	-	5	-	7	13
Sagaing Region	2010	2,668	-	56	-	-	111	1,929	487	85
	2015	893	-	38	-	-	78	239	311	227
	2016	793	-	63	-	-	62	24	140	504
	2017	688	-	38	-	-	46	6	61	537
	2018	770	-	44	-	-	44	3	28	651
	2019	1,514	21	-	-	25	9	3	699	757
Taninthayi Region	2010	759	-	19	-	-	93	350	295	2
	2015	367	-	14	-	-	36	10	221	86
	2016	236	-	4	-	-	41	10	143	38
	2017	126	-	1	-	-	18	2	66	39
	2018	40	-	1	-	-	8	1	18	12
	2019	144	12	-	-	6	15	-	39	72

**TABLE 6.13 VIDEO SERVICES BY STATES AND REGIONS (cont'd)**  
Years 2010, 2015-2019, 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
	2015	1,612	-	39	-	-	104	606	810	53
	2016	1,004	-	68	-	-	91	31	750	64
	2017	262	-	18	-	-	31	39	146	28
	2018	388	-	51	-	-	40	8	184	105
	2019	558	34	-	-	69	69	3	104	279
Magway Region	2010	2,204	2	80	-	1	62	1,690	317	52
	2015	1,116	-	45	-	-	38	570	443	20
	2016	522	-	71	-	-	32	28	330	61
	2017	275	-	63	-	-	22	22	83	85
	2018	159	-	43	-	-	10	12	61	33
	2019	194	34	-	-	16	15	3	29	97
Mandalay Region	2010	3,766	8	162	4	1	372	2,201	933	85
	2015	2,915	10	166	2	1	389	1,169	1,087	91
	2016	2,418	6	225	5	3	478	869	692	140
	2017	2,072	4	252	5	11	427	828	420	125
	2018	1,734	4	288	5	2	349	775	199	112
	2019	3,301	294	3	2	323	76	791	160	1,652
Mon State	2010	1,793	-	72	-	-	146	682	831	62
	2015	818	-	40	-	-	76	95	571	36
	2016	635	-	104	-	-	61	10	402	58
	2017	51	-	15	-	-	5	-	29	2
	2018	355	-	91	-	-	42	143	5	74
	2019	412	64	-	-	27	46	2	67	206
Rakhine State	2010	1,081	1	1	1	-	26	935	108	9
	2015	328	1	3	1	-	6	251	60	6
	2016	161	-	-	-	-	12	16	123	10
	2017	34	-	-	-	-	6	4	11	13
	2018	32	-	-	-	-	5	3	8	16
	2019	36	-	-	-	7	2	1	8	18
Yangon Region	2010	9,902	128	112	245	88	463	5,669	2,942	255
	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
	2017	4,584	100	89	243	65	331	1,625	1,823	308
	2018	3,575	75	104	209	50	270	1,689	906	272
	2019	5,979	76	48	36	297	337	1,887	242	3,056



**TABLE 6.13 VIDEO SERVICES BY STATES AND REGIONS (concl'd)**  
Years 2010, 2015 - 2019, 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
	2015	1,229	2	77	4	16	71	354	452	253
	2016	1,298	5	82	7	5	61	128	356	654
	2017	1,081	5	74	7	3	42	24	189	737
	2018	1,154	4	56	3	2	37	16	105	931
	2019	2,656	65	2	2	43	56	14	1,145	1,329
Ayeyawady Region	2010	3,340	-	47	-	-	124	2,003	1,005	161
	2015	2,108	-	22	-	-	83	583	1,294	126
	2016	1,931	-	49	-	-	101	80	1,205	496
	2017	690	1	21	2	-	35	32	232	367
	2018	436	-	13	-	-	19	19	103	282
	2019	914	6	-	-	11	15	8	417	457
Nay Pyi Taw	2010	710	3	10	1	-	44	358	218	76
	2015	472	3	12	-	-	48	87	299	23
	2016	452	2	10	-	-	45	80	290	25
	2017	-	-	-	-	-	-	-	-	-
	2018	108	1	9	2	1	9	6	38	42
	2019	196	21	4	2	8	14	4	43	100

Source : Central Video Supervision Committee.

## METHODOLOGY SHEET | Sport Grounds

<b>Responsible Unit (Service or Structure)</b>	Sports and Physical Education Department
<b>Level of Disaggregation</b>	Host Country, Union, States and Regions
<b>Study Variables</b>	South East Asia Games, Sport grounds
<b>Classification Variables</b>	Host Country and Medals Awarded
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Sport events, Sport grounds
<b>Tables</b>	6.14, 6.15

**TABLE 6.14 MYANMAR ATHLETIC STATISTICS (SOUTH EAST ASIA GAMES)**  
Years 2001 - 2019, 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	43	50
2005	Philippines	191	132	323	21	17	34	48
2007	Thailand	251	150	401	30	14	26	47
2009	Laos	220	108	328	25	12	22	37
2011	Indonesia	282	195	477	30	16	27	37
2013	Myanmar	565	410	975	33	85	63	84
2015	Singapore	242	152	394	31	12	26	31
2017	Malaysia	232	151	383	29	7	10	20
2019	Philippines	221	130	351	31	4	18	51

Note : South East Asia Games have been held every two years.

Source : Sports and Physical Education Department.

**TABLE 6.15 SPORT GROUNDS BY STATES AND REGIONS**

Years 2005, 2010, 2015 - 2019, absolute values

States and Regions	2005	2010	2015	2016	2017	2018	2019
Union	676	719	877	864	882	907	920
Kachin State	24	28	32	26	27	27	29
Kayah State	15	12	21	21	22	25	25
Kayin State	20	22	36	34	34	34	34
Chin State	23	19	24	29	29	32	32
Sagaing Region	69	76	89	87	92	96	97
Taninthayi Region	37	38	46	43	45	46	46
Bago Region	54	54	51	55	57	59	59
Magway Region	73	74	58	41	41	41	42
Mandalay Region	65	74	77	87	87	91	92
Mon State	26	26	35	35	36	38	38
Rakhine State	27	28	35	34	37	43	44
Yangon Region	85	102	109	110	113	114	115
Shan State	80	80	108	113	113	111	116
Ayeyawady Region	78	86	100	93	93	94	95
Nay Pyi Taw	-	-	56	56	56	56	56

Note : Includes Aung San Sports Stadium  
in Yangon Region.

Source : Sports and Physical Education Department.

#### METHODOLOGY SHEET | Seizure of Narcotic Drugs

<b>Responsible Unit (Service or Structure)</b>	Central Committee for Drug Abuse Control
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Type of drug by case and weight
<b>Classification Variables</b>	Drugs, Stimulants Substance, Precursor, Non-precursor
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Daily, Monthly, Yearly
<b>Units</b>	Seizures of narcotic drugs
<b>Table</b>	6.16

**TABLE 6.16 SEIZURE OF NARCOTIC DRUGS BY TYPE**  
Years 2005, 2010, 2015 - 2019, absolute values

Type of drug		2005	2010	2015	2016	2017	2018	2019
<b>Drugs</b>								
Heroin	Case	1,181	814	2,502	2,888	2,921	4,134	3,827
	Kilo	811.69	88.54	186.04	769.26	570.62	1,099.12	690.24
Heroin Liquid	Case	-	-	-	3	1	1	2
	Kilo	-	-	-	0.14	0.001	0.002	21.91
Opium	Case	407	395	388	358	354	350	308
	Kilo	772.72	764.78	888.84	945.71	1,256.17	2,829.04	1,552.69
Concentrated	Case	90	122	78	41	72	64	59
Opium	Kilo	20.55	35.47	38.08	47.19	146.35	145.99	69.41
Opium Oil Liquid	Case	-	-	2	3	1	2	2
	Litre	-	-	27.58	51.18	2.74	1.97	64.09
Brown Opium	Case	2	1	4	4	4	2	1
	Kilo	43.77	98.20	538.91	472.00	347.81	553.50	5.65
Opium Liquid	Case	-	-	12	7	6	5	1
	Litre	-	-	57.17	3.11	3.56	15.65	0.96
Low Grade Opium	Case	139	154	137	43	42	28	32
	Kilo	127.74	147.07	34.92	22.15	5.88	29.96	66.41
Cannabis	Case	186	167	215	245	249	287	292
	Kilo	126.39	205.60	87.71	188.78	198.83	142.38	364.82
Cannabis Seeds	Case	-	-	-	-	-	-	-
	Kilo	-	-	-	-	-	-	380
Cannabis Oil	Case	-	-	-	-	-	1	-
	Kilo	-	-	-	-	-	0.013	1.804
Speciosa Powder	Case	57	107	30	150	135	125	109
	Kilo	178.67	375.27	687.35	1,409.43	651.13	1,833.89	2,542.60
Speciosa Leaf	Case	-	-	-	5	13	25	46
	Kilo	-	-	-	3.29	6.39	138.82	198.39
Speciosa Plant	Case	-	-	-	-	-	-	-
	Plant	-	-	-	-	-	2	2
Speciosa Liquid	Case	-	-	-	-	-	-	-
	Litre	-	-	-	0.20	0.50	2.03	1.10
Opium Seeds	Case	-	-	-	-	-	-	-
	Kilo	-	-	-	-	-	0.06	-
Inj. Morphine	Case	3	4	1	4	-	-	-
	Ampoule	1,692	23	6	171	-	864	-
Tramadol	Case	-	-	8	5	7	2	6
	Capsule	-	-	22,577	4,182	154,643	12,724	4,543
Inj. Tramadol	Case	-	-	-	2	1	-	-
	Ampoule	-	-	-	1,421	4,400	200	-
Tramadol Tablet	Case	-	-	-	-	-	1	-
	Tablet	-	-	-	-	-	105	-
Codeine	Case	-	-	1	-	-	-	-
	Litre	-	-	0.1	-	-	-	-
Cough Syrup with Codeine	Case	2	2	-	-	-	-	-
	Litre	9.72	4.90	-	-	-	-	-
Cocaine	Case	-	-	-	-	2	-	-
	Kilo	-	-	-	-	450	-	0.04
Methadone	Case	-	-	-	2	-	-	1
	Litre	-	-	-	0.46	0.004	-	0.08
Promethazine	Case	-	-	-	-	-	-	-
Bottle	Bottle	-	-	-	-	-	-	208
Inj. Fentanyl	Case	-	-	-	1	-	-	-
	Ampoule	-	-	-	700	-	-	-

**TABLE 6.16 SEIZURE OF NARCOTIC DRUGS BY TYPE (cont'd)**  
Years 2005, 2010, 2015 - 2019, absolute values

Type of drug		2005	2010	2015	2016	2017	2018	2019
<b>Stimulants Substance</b>								
Methamphetamine	Case	726	751	2,815	4,722	5,447	7,596	7,886
	Tablet	3,651,509	2,192,262	49,950,912	98,353,463	72,815,686	106,702,365	108,719,072
Stimulants	Case	-	-	25	26	21	11	49
Powder	Kilo	-	-	197.88	55.00	106.88	45.21	679.48
Ice	Case	7	12	49	46	94	147	198
	Kilo	280.32	226.12	2,261.69	2,464.08	1,107.49	2,827.54	9,426.19
Ecstasy	Case	-	-	1	1	6	12	12
	Tablet	-	-	1	22	645,882	2,686.75	27,995
Ecstasy Powder	Case	-	-	-	-	2	2	-
	Kilo	-	-	-	-	0.0024	0.0039	0.0002
Ecstasy Crystal	Case	-	-	-	-	-	2	-
	Kilo	-	-	-	-	-	9.90	-
Diazepam	Case	-	-	4	5	1	1	3
	Tablet	-	-	201,782	340,039	4,691	3,073	3,158
Inj. Diazepam	Case	-	-	6	1	4	3	4
	Ampoule	-	-	2,833	278	2,955	5,358	117
Diazepam Liquid	Case	-	-	-	-	-	1	-
	Litre	-	-	-	-	-	0.036	-
Nitrazepam Tablet	Case	-	-	-	-	-	-	1
	Tablet	-	-	-	-	-	-	690
Buprenorphine	Case	-	-	4	3	5	10	11
	Tablet	-	-	2,900	253	446	1,147	912
Buprenorphine	Case	-	-	-	-	-	-	1
Powder	Kilo	-	-	-	-	-	-	0.0052
Inj. Buprenorphine	Case	-	-	1	2	-	-	-
	Ampoule	-	-	443	3,972	-	1,938	-
Lorazepam	Case	-	-	-	-	-	-	-
	Tablet	-	-	-	320	7	390	-
Alprazolam	Case	-	-	2	3	2	1	3
	Tablet	-	-	10,430	250,471	944	1,293	83,420
Dry Leaf (Cathinone)	Case	-	-	-	-	-	1	-
	Kilo	-	-	-	-	-	48	-
Phensedyl	Case	-	-	-	-	-	-	-
	Litre	-	-	-	-	-	-	139
Ketamine	Case	-	-	-	2	2	17	19
	Kilo	-	-	-	940.16	75.23	2,360.21	1,095.96
Ketamine Tablet	Case	-	-	-	-	-	-	1
	Tablet	-	-	-	-	-	-	10
Inj. Ketamine	Case	-	-	-	-	-	-	1
	Ampoule	-	-	-	-	-	-	2,259
Ketamine Liquid	Case	-	-	1	-	-	-	-
	Litre	-	-	3.10	-	-	1.00	-
Zolium Tablet	Case	-	-	-	-	-	-	-
	Tablet	-	-	-	-	-	125,270	-
Inj. Easium	Case	-	-	-	-	-	-	-
	Ampoule	-	-	-	-	-	10	-
Sedil Tablet	Case	-	-	-	-	-	1	-
	Tablet	-	-	-	-	2,520	332,025	-

**TABLE 6.16 SEIZURE OF NARCOTIC DRUGS BY TYPE (cont'd)**  
Years 2005, 2010, 2015 - 2019, absolute values

Type of drug		2005	2010	2015	2016	2017	2018	2019
<b>Precursor</b>								
Caffeine	Case	1	4	6	9	3	4	10
	Kilo	17.00	2,279.40	9,932.26	19,847.48	5,885.00	20,759.49	19,226.00
Ephedrine Powder	Case	4	9	9	4	-	2	1
	Kilo	325.10	33.64	111.94	534.20	0.0015	139.72	4.02
Pseudoephedrine	Case	-	-	9	1	1	-	-
Tablet	Tablet	-	-	10,009,500	1,192,000	3,901,000	450,000	-
Pseudoephedrine	Case	-	9	1	-	-	-	-
Powder	Kilo	-	776.18	235.25	-	-	-	-
Pseudoephedrine	Case	-	-	-	1	-	-	-
Tablet Powder	Kilo	-	-	-	61.50	31.00	7.60	-
Acetone	Case	-	-	-	2	-	5	2
	Litre	-	-	1,880.00	1,238.35	-	71,540.00	2,620.02
Safrole	Case	-	-	-	-	-	-	1
	Litre	-	-	-	-	-	-	1,440
Acetic Anhydride	Case	1	-	1	1	-	-	-
	Litre	1,638.00	14.00	260.00	16.00	1,318.34	40.00	4,140.11
Thionyl Chloride	Case	-	-	-	-	-	-	1
	Litre	-	-	-	-	-	16	11,600
Ethyl Ether	Case	-	-	-	1	-	11	3
	Litre	-	-	-	250.00	-	203,794.25	26,674.00
DI Ethyl Ether	Case	-	-	-	-	-	-	1
	Litre	-	-	-	-	-	-	1,040
Ethyl	Case	-	-	-	-	-	-	-
	Litre	-	-	-	-	-	-	6,720
Sulphuric Acid	Case	-	-	-	1	-	3	12
	Litre	-	-	2,197.65	28,476.80	11,034.90	62,135.00	77,883.08
Anthranilic Acid (Solid)	Case	-	-	1	-	-	-	-
	Kilo	-	-	1,100	-	-	2,100	-
Anthranilic Acid (Liquid)	Case	-	-	-	-	-	-	-
	Litre	-	-	-	-	-	2,800	-
N-Acetyl -Anthranilic Acid	Case	-	-	-	-	-	-	-
	Litre	-	-	-	-	-	1,000	-
Hydrochloric Acid	Case	-	-	1	2	6	9	10
	Litre	-	-	7,950.00	3,494.80	106,720.00	181,657.00	106,411.46
1-Phenyl-2-propanone	Case	-	-	1	-	-	1	-
	Litre	-	-	8,190.00	-	-	3,298.00	300.01
Phenyl Acetic Acid	Case	-	-	-	-	1	-	-
	Kilo	-	-	2,150	-	950	4,000	-
Methyl ethyl ketone	Case	-	-	-	-	-	-	1
	Litre	-	-	-	-	-	7,860	9,600
Toluene	Case	-	-	-	-	-	1	1
	Litre	-	-	-	-	-	4,602	16,680

**TABLE 6.16 SEIZURE OF NARCOTIC DRUGS BY TYPE (concl'd)**  
Years 2005, 2010, 2015 - 2019, absolute values

Type of drug		2005	2010	2015	2016	2017	2018	2019
<b>Non-Precursor</b>								
Brown Charcoal	Case	-	-	-	1	-	-	-
	Kilo	-	-	750	3,351	-	1,100	974
Dimethyl Sulphate	Case	-	-	2	-	-	-	-
	Litre	-	-	1,920	-	-	-	-
Phosphoric Acid	Case	-	-	-	2	-	-	-
	Litre	-	-	-	1,133	-	-	-
Sodium Hydroxide	Case	-	-	-	-	-	-	-
	Kilo	-	-	-	-	-	9,440	-
Sodium Hydroxide (Solid)	Case	-	-	-	-	-	-	-
	Kilo	-	-	-	-	-	75,450.15	294
Aluminum Sulphate	Case	-	-	-	-	-	-	-
	Kilo	-	-	-	-	-	4,800	-
Chloroform	Case	-	-	-	-	-	-	-
	Litre	-	-	-	5,227.90	-	3,044	-
Sodium Chloride	Case	-	-	-	-	-	-	-
	Kilo	-	-	-	-	500	400	-
Ammonium Hydroxide	Case	-	-	-	-	1	-	-
	Litre	-	-	-	2,500.30	20.00	-	-
Ammonium Chloride	Case	-	-	-	-	-	-	-
	Kilo	-	28.00	18.00	9,355.00	-	200.00	2,558.50
Acetic Acid	Case	-	-	-	-	-	-	2
	Litre	-	-	-	-	-	225.00	1,420.05
Methanol/Nitric Acid	Case	-	-	-	-	-	-	1
	Litre	-	-	-	-	-	-	4,000
Ethyl Acetate	Case	-	-	-	-	-	-	1
	Litre	-	-	-	-	-	-	59,000
Hydrogen Peroxide	Case	-	-	-	-	-	-	-
	Litre	-	-	-	-	-	3,360	-
Lyzol	Case	-	-	-	-	-	1	-
	Litre	-	-	2	-	-	2,160	-
DL-TARTARIC Acid	Case	-	-	-	-	-	-	1
	Kilo	-	-	-	-	-	1,520	22,800
Ammonia Liquid	Case	-	-	-	-	-	-	-
	Litre	-	-	-	-	-	36,200	-
Chloroform Ether (Demage)	Case	-	-	-	-	-	-	-
	Litre	-	-	-	-	-	14,000	-
Sulphur	Case	-	-	-	-	-	-	-
	Kilo	-	-	-	-	-	270	-
Petroleum Spirit	Case	-	-	-	-	-	-	-
	Litre	-	-	-	-	-	10,000	-
Chemical Powder	Case	-	-	-	-	-	1	1
	Kilo	-	-	0.80	-	6.07	8.13	336.75
Chemical Liquid	Case	10	6	1	-	-	1	-
	Litre	16,221.40	3,202.34	10,639.00	-	-	6,400.00	33,098.00
Cyanide	Case	-	-	-	-	4	6	5
	Kilo	-	-	-	-	19,000	23,550	4,640
Related Item	Case	-	-	1	-	-	-	1
F/REG & Prominent	Case	120	11	66	186	107	141	27
Others	Case	142	62	29	17	29	19	43
<b>Total</b>	<b>Case</b>	<b>3,078</b>	<b>2,630</b>	<b>6,414</b>	<b>8,800</b>	<b>9,544</b>	<b>13,037</b>	<b>13,000</b>

Source : Central Committee for Drug Abuse Control.



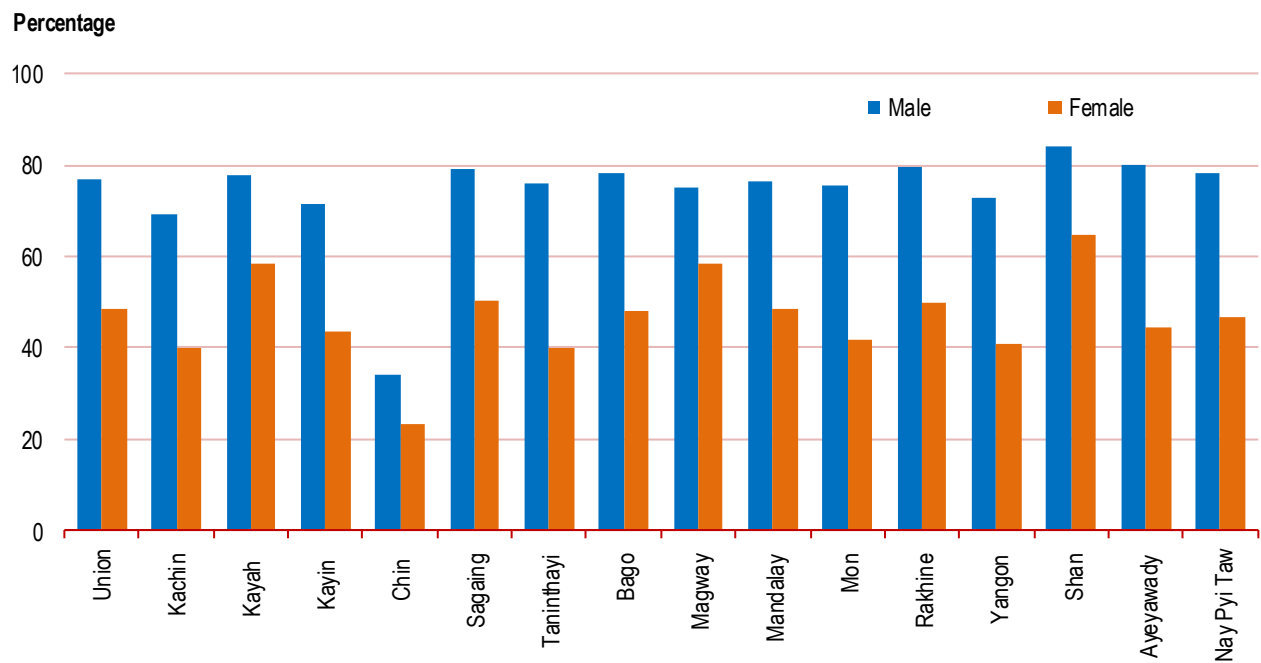
# 7

## Labour and Employment

In 2019, over **1,386 thousand** people were registered in **89 Labour Exchange Offices** of the Department of Labour. Offices are placed in different townships across the country, 18 are in Yangon Region and 71 are in the other States and Regions. | During the year, **vacancies notified** increased by about **37.1%** and the number of **people who were placed into employment** by **36.5%**, compared with 2018. | According to the Annual Labour Force Survey-2018, the **unemployment rate** was **0.9%** and the composite rate of **Labour Underutilization** was **6.0%**. | The main destinations for **overseas employment** of people from Myanmar were Thailand, Malaysia, Korea, Japan and Singapore.

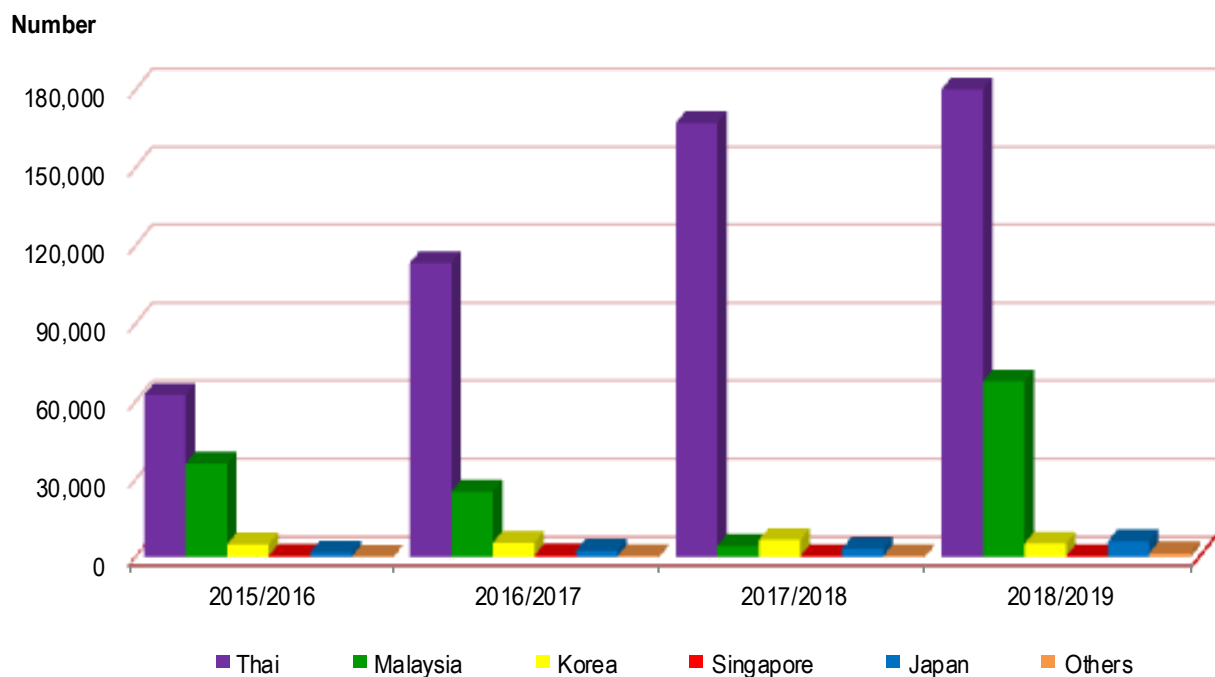


**FIGURE 7.1 LABOUR FORCE PARTICIPATION RATE BY STATES AND REGIONS, 2018**



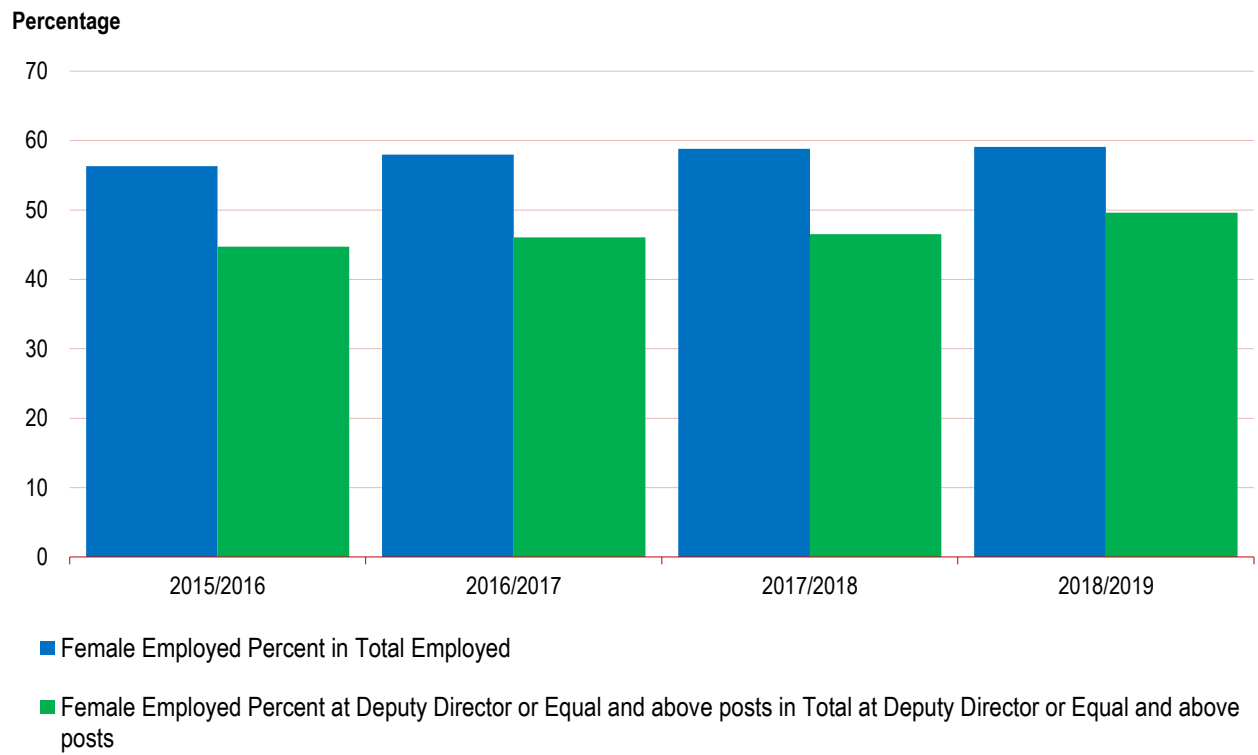
Source : Annual Labour Force Survey-2018 (based on 15 years and above)

**FIGURE 7.2 OVERSEAS EMPLOYMENT**



Source : Department of Labour

**FIGURE 7.3** PERCENT OF FEMALE EMPLOYED IN GOVERNMENT SECTOR



Source : Project Appraisal and Progress Reporting Department

## LABOUR AND EMPLOYMENT

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

<b>Responsible Unit (Service or Structure)</b>	Department of Labour
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Number of labour exchange offices, Fresh Registrations, People who were placed into employment, Lapsed Registers, Persons on register at the end of the year, Vacancies notified and Vacancies outstanding
<b>Classification Variables</b>	Government and Private, Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Labour exchange offices, Persons
<b>Tables</b>	7.01, 7.02

**TABLE 7.01 PERSONS EMPLOYED THROUGH GOVERNMENT LABOUR EXCHANGE OFFICES**  
Years 2005,2010, 2015-2019, absolute values

Year	Labour Exchange Offices	Fresh Registration			People who were placed into 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	250
2015	76	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
2017	80	407,797	716,084	1,123,881	14,803	188,445	203,248	1,006,324	900,289	203,697	449
2018	82	394,797	760,232	1,155,029	10,902	221,002	231,904	946,384	877,030	230,949	955
2019	89	447,233	939,106	1,386,339	12,709	303,861	316,570	1,013,129	933,355	316,739	169

Notes : G= Government

Source : Department of Labour.

P= Private

T= Total

**TABLE 7.02 PEOPLE WHO WERE PLACED INTO EMPLOYMENT BY STATES AND REGIONS**  
Years 2014/2015-2018/2019, absolute values

States and Regions	2014-2015		2015-2016		2016-2017	
	Government	Private	Government	Private	Government	Private
<b>Union</b>	<b>21,778</b>	<b>259,901</b>	<b>16,523</b>	<b>188,468</b>	<b>12,984</b>	<b>183,440</b>
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
Taninthayi 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
Nay Pyi Taw	946	658	770	192	1,285	20

**TABLE 7.02 PEOPLE WHO WERE PLACED INTO EMPLOYMENT BY STATES AND REGIONS (concl'd)**  
Years 2014/2015-2018/2019, absolute values

States and Regions	2017-2018		2018(Apr-Sep)		2018-2019	
	Government	Private	Government	Private	Government	Private
<b>Union</b>	<b>15,165</b>	<b>200,245</b>	<b>5,211</b>	<b>113,539</b>	<b>11,886</b>	<b>280,600</b>
Kachin State	395	2,584	90	1,086	358	1,646
Kayah State	521	114	46	194	197	355
Kayin State	175	2,264	141	1,228	158	4,353
Chin State	198	67	42	123	204	57
Sagaing Region	1,154	5,589	306	3,325	1,702	5,068
Taninthayi Region	290	2,312	205	1,120	501	2,480
Bago Region	1,087	21,677	429	12,218	1,218	42,135
Magway Region	1,364	4,401	438	1,539	671	4,423
Mandalay Region	1,680	11,307	463	5,430	1,438	12,895
Mon State	375	3,116	382	1,159	537	3,691
Rakhine State	294	1,202	122	403	284	1,013
Yangon Region	3,469	138,660	1,099	79,934	2,392	188,967
Shan State	1,013	2,948	534	2,160	779	4,349
Ayeyawady Region	827	3,505	227	3,030	560	7,656
Nay Pyi Taw	2,323	499	687	590	887	1,512

Source : Department of Labour.

METHODOLOGY SHEET | **Labour and Employment**

<b>Responsible Unit (Service or Structure)</b>	Department of Labour
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Working Age Population, Labour Force, Labour Force Participation Rate, Employment Rate, Unemployment Rate, Composite Rate of Labour Underutilization (LU-4), Outside Labour Force
<b>Classification Variables</b>	Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Persons
<b>Table</b>	7.03

**TABLE 7.03 WORKING AGE POPULATION, LABOUR FORCE, LABOUR FORCE PARTICIPATION RATE, EMPLOYMENT RATE, UNEMPLOYMENT RATE, COMPOSITE RATE OF LABOUR UNDERUTILIZATION AND OUTSIDE LABOUR FORCE**

Years 2005, 2010, 2014 - 2015, 2017 - 2018, million and percentage values

Particulars		2005 #	2010 #	2014 <u>1/</u>	2015 <u>2/</u>	2017 <u>3/</u>	2018 <u>4/</u>
Working Age Population (Million)	Male	21.23	23.75	15.72	15.55	16.62	16.87
	Female	21.63	24.28	17.26	18.38	19.77	20.11
	Total	42.86	48.03	32.98	33.93	36.39	36.98
Labour Force (Million)	Male	17.22	19.13	13.40	12.47	12.84	12.99
	Female	10.63	11.83	8.71	9.48	9.44	9.75
	Total	27.85	30.96	22.11	21.95	22.28	22.74
Labour Force Participation Rate (%)	Male	81.1	82.4	85.2	80.2	77.3	77.0
	Female	49.1	50.0	50.5	51.6	47.7	48.5
	Total	65.0	66.1	67.0	64.7	61.2	61.5
Employment (Million)	Male	16.60	18.46	12.88	12.39	12.69	12.90
	Female	10.13	11.26	8.35	9.40	9.25	9.65
	Total	26.73	29.72	21.23	21.79	21.94	22.55
Employment Rate (%)	Male	96.4	96.5	96.1	99.3	98.8	99.3
	Female	95.3	95.2	95.9	99.1	98.0	99.0
	Total	96.0	96.0	96.0	99.2	98.4	99.1
Unemployment (Million)	Male	0.63	0.70	0.52	0.08	0.16	0.09
	Female	0.49	0.54	0.35	0.08	0.20	0.10
	Total	1.12	1.24	0.87	0.16	0.36	0.19
Unemployment Rate (%)	Male	3.7	3.7	3.9	0.7 *	1.2 *	0.7 *
	Female	4.6	4.6	4.1	0.9 *	2.0 *	1.0 *
	Total	4.0	4.0	4.0	0.8 *	1.6 *	0.9 *
Composite Rate of Labour Underutilization (LU-4) (%)	Male	-	-	-	6.0 *	6.7 *	5.5 *
	Female	-	-	-	8.1 *	8.0 *	6.5 *
	Total	-	-	-	6.9 *	7.2 *	6.0 *
Outside Labour Force (%)	Male	-	-	-	19.8	22.7	23.0
	Female	-	-	-	48.4	52.3	51.5
	Total	-	-	-	35.3	38.8	38.5

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.

1/2014 Myanmar Population and Housing Census (based on 15-64 years)

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

3/Annual Labour Force Survey-2017 (based on 15 years and above)

4/Annual Labour Force Survey -2018 (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.

19<sup>th</sup> International Conference of Labour Statisticians (19<sup>th</sup> ICLS),

Labour Underutilization focuses on capturing groups with unmet need for employment.

METHODOLOGY SHEET | **Job-seekers looking for Employment through Labour Exchange Offices**

<b>Responsible Unit (Service or Structure)</b>	Department of Labour
<b>Level of Disaggregation</b>	Yangon Region and Other States and Regions
<b>Study Variables</b>	Job - seekers
<b>Classification Variables</b>	Sex
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Persons
<b>Table</b>	7.04

**TABLE 7.04** JOB-SEEKERS LOOKING FOR EMPLOYMENT THROUGH LABOUR EXCHANGE OFFICES  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Year	No. of Offices	Yangon Region			No. of Offices	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
2015-2016	16	207,916	430,126	638,042	60	158,685	224,908	383,593
2016-2017	16	245,230	527,406	772,636	60	152,574	197,487	350,061
2017-2018	16	264,928	526,202	791,130	64	145,584	209,748	355,332
2018 (Apr-Sep)	16	133,800	304,775	438,575	66	129,522	188,776	318,298
2018-2019	17	259,955	634,927	894,882	67	169,284	250,318	419,602

Source : Department of Labour.



## METHODOLOGY SHEET | Overseas Employment

<b>Responsible Unit (Service or Structure)</b>	Department of Labour
<b>Level of Disaggregation</b>	By Country
<b>Study Variables</b>	Overseas Employment
<b>Classification Variables</b>	By Country
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Persons
<b>Table</b>	7.05

**TABLE 7.05 OVERSEAS EMPLOYMENT**  
Years 2013/2014 - 2018/2019, absolute values

Country	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Total</b>	<b>61,645</b>	<b>70,788</b>	<b>105,616</b>	<b>147,381</b>	<b>181,744</b>	<b>121,750</b>	<b>308,397</b>
Thailand	33,172	35,820	62,380	113,210	167,039	102,607	227,751
Malaysia	23,243	29,224	35,967	25,154	4,270	12,873	67,610
Korea	4,366	4,220	4,870	5,501	6,555	3,355	5,164
Singapore	699	493	432	621	360	347	379
Qatar	71	-	-	131	123	26	114
United Arab Emirates	12	2	170	214	173	62	347
Japan	63	875	1,794	2,486	3,185	2,193	6,049
Hong Kong	19	154	1	-	-	-	-
Macao	-	-	2	2	4	9	9
Laos	-	-	-	62	-	-	-
Jordan	-	-	-	-	35	278	974

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

<b>Responsible Unit (Service or Structure)</b>	Department of Labour, Annual Labour Force Survey - 2018(based on 15 years and above)
<b>Level of Disaggregation</b>	Union, States and Regions, Urban and Rural
<b>Study Variables</b>	The size, structured, distribution and characteristics of the labour force, employment, unemployment, employment to population ratio and other economics characteristics of the population as well as aspects relating to child labour
<b>Classification Variables</b>	Sex, Age - groups, States and Regions, Urban and Rural, Working Population, Child Labour and Youth Population
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	First Semi-Annual, Second Semi-Annual, Annually
<b>Frequency of Data Collection</b>	Survey was collected the first round, 1 <sup>st</sup> Semi-Annual at January - March and the second round, 2 <sup>nd</sup> Semi-Annual at September - November
<b>Units</b>	Persons ages 15 years and above, Youth 15-24, Children 5-17
<b>Tables</b>	7.06, 7.07, 7.08,7.09,7.10

**TABLE 7.06 LABOUR FORCE PARTICIPATION RATE, UNEMPLOYMENT RATE, COMPOSITE RATE OF LABOUR UNDERUTILIZATION AND EMPLOYMENT TO POPULATION RATIO BY AGE GROUP**  
Year 2018, percentage values

Age Group	Labour Force Participation Rate	Unemployment Rate	Composite Rate of Labour Underutilization	Employment to Population Ratio
15 - 19	28.3	2.6	14.9	27.6
20 - 24	71.2	1.7	9.4	70.0
25 - 29	80.4	1.3	7.2	79.4
30 - 34	79.4	1.0	6.3	78.6
35 - 39	79.6	0.6	5.3	79.1
40 - 44	75.5	0.3	3.8	75.3
45 - 49	73.4	0.4	3.7	73.1
50 - 54	65.6	0.2	3.5	65.5
55 - 59	60.0	0.2	2.7	59.9
60 - 64	40.2	0.0	1.6	40.2
65 <sup>+</sup>	15.0	0.1	1.6	15.0
<b>Youth (15 - 24)</b>	<b>48.7</b>	<b>2.0</b>	<b>11.1</b>	<b>47.7</b>
<b>Working Age Population (15+)</b>	<b>61.5</b>	<b>0.9</b>	<b>6.0</b>	<b>61.0</b>

Note : Based on 15 years and above .

Source : Annual Labour Force Survey-2018.

**TABLE 7.07** LABOUR FORCE PARTICIPATION RATE, UNEMPLOYMENT RATE, COMPOSITE RATE OF LABOUR UNDERUTILIZATION AND EMPLOYMENT TO POPULATION RATIO BY STATES AND REGIONS

Year 2018, percentage values

States and Regions	Labour Force Participation Rate			Unemployment Rate			Composite Rate of Labour Underutilization			Employment to Population Ratio		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Union</b>	<b>61.5</b>	<b>77.0</b>	<b>48.5</b>	<b>0.9</b>	<b>0.7</b>	<b>1.0</b>	<b>6.0</b>	<b>5.5</b>	<b>6.5</b>	<b>61.0</b>	<b>76.5</b>	<b>48.0</b>
Kachin State	53.5	69.3	39.8	0.0	0.0	0.0	3.8	4.0	3.5	53.5	69.3	39.8
Kayah State	67.4	77.7	58.2	0.4	0.0	0.8	11.4	9.4	13.9	67.2	77.6	57.7
Kayin State	56.3	71.4	43.5	0.2	0.1	0.3	17.2	16.6	18.1	56.2	71.3	43.3
Chin State	28.2	33.8	23.0	9.7	8.7	11.1	52.5	50.2	55.2	25.5	30.8	20.4
Sagaing Region	63.4	79.0	50.4	0.4	0.4	0.4	3.3	3.3	3.2	63.2	78.8	50.2
Taninthayi Region	56.4	75.9	39.8	1.0	0.8	1.5	12.1	13.1	10.5	55.8	75.3	39.2
Bago Region	61.5	78.1	47.9	2.3	2.1	2.6	9.5	9.4	9.8	60.1	76.5	46.6
Magway Region	65.9	75.1	58.4	0.2	0.2	0.2	3.5	4.0	2.9	65.8	75.0	58.3
Mandalay Region	61.0	76.6	48.3	0.3	0.3	0.3	3.1	2.9	3.5	60.8	76.4	48.2
Mon State	56.4	75.4	41.7	1.1	0.1	2.5	6.4	4.2	9.3	55.8	75.4	40.7
Rakhine State	63.3	79.7	49.8	0.9	0.4	1.6	9.3	5.9	13.7	62.7	79.4	49.0
Yangon Region	54.9	72.7	40.6	1.9	1.8	2.0	3.4	3.0	3.9	53.9	71.4	39.8
Shan State	74.2	84.3	64.9	0.4	0.2	0.5	4.0	3.8	4.3	73.9	84.1	64.6
Ayeyawady Region	61.0	80.1	44.2	0.3	0.3	0.5	6.7	5.7	8.2	60.8	79.8	44.0
Nay Pyi Taw	61.0	78.1	46.7	1.6	1.5	1.7	12.5	13.8	10.8	60.0	76.9	45.9
<b>Urban Areas</b>	<b>57.2</b>	<b>72.7</b>	<b>44.9</b>	<b>1.5</b>	<b>1.4</b>	<b>1.5</b>	<b>4.5</b>	<b>4.4</b>	<b>4.7</b>	<b>56.4</b>	<b>71.7</b>	<b>44.2</b>
<b>Rural Areas</b>	<b>63.3</b>	<b>78.8</b>	<b>50.1</b>	<b>0.6</b>	<b>0.5</b>	<b>0.8</b>	<b>6.5</b>	<b>6.0</b>	<b>7.3</b>	<b>63.0</b>	<b>78.4</b>	<b>49.6</b>
<b>15-24 years Age-group</b>	<b>48.7</b>	<b>55.4</b>	<b>42.5</b>	<b>2.0</b>	<b>1.8</b>	<b>2.2</b>	<b>11.1</b>	<b>10.9</b>	<b>11.4</b>	<b>47.7</b>	<b>54.4</b>	<b>41.6</b>

Note : Based on 15 years and above .

Source : Annual Labour Force Survey-2018.

**TABLE 7.08 KEY FIGURES OF LABOUR FORCE STATISTICS**  
Year 2018, absolute and percentage values

Particulars	Total			Urban			Rural		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Working age population (15 years and above) (Million)	16.87	20.11	36.98	4.93	6.22	11.15	11.94	13.89	25.83
Labour force (Million)	12.99	9.75	22.74	3.58	2.79	6.37	9.41	6.96	16.37
Employment (Million)	12.90	9.65	22.55	3.53	2.75	6.28	9.37	6.90	16.27
Unemployment (Million)	0.09	0.10	0.19	0.05	0.04	0.09	0.04	0.06	0.10
Labour force participation rate (%)	77.0	48.5	61.5	72.7	44.9	57.2	78.8	50.1	63.3
Unemployment rate (%)	0.7	1.0	0.9	1.4	1.5	1.5	0.5	0.8	0.6
Composite rate of labour underutilization (%)	5.5	6.5	6.0	4.4	4.7	4.5	6.0	7.3	6.5
Population outside labour force (Million)	3.87	10.37	14.24	1.34	3.43	4.77	2.53	6.94	9.47
Outside labour force in working age population (%)	23.0	51.5	38.5	27.2	55.1	42.8	21.2	50.0	36.7
Informal employment rate (%)	77.0	90.5	82.8	76.9	85.2	80.5	77.0	92.6	83.6
Average weekly working hours <sup>1/</sup>	46.7	44.0	45.6	48.7	45.7	47.4	46.0	43.4	44.9
Average weekly wage (in ,000 Kyats)	46.8	37.8	43.0	59.0	49.3	55.0	39.7	31.3	36.2
Average monthly wage (in ,000 Kyats) <sup>2/</sup>	187.0	151.1	172.0	236.0	197.3	220.0	158.9	125.3	144.8

Notes : Based on 15 years and above.

Source : Annual Labour Force Survey-2018.

<sup>1/</sup> This figure only refers to main job working hours.

<sup>2/</sup> This figure is paid employee.

**TABLE 7.09 KEY FIGURES OF YOUTH EMPLOYMENT**  
Year 2018, absolute and percentage values

Particulars	Total			Urban			Rural		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Youth population (15–24 years) (Million)	4.21	4.55	8.76	1.16	1.31	2.47	3.05	3.24	6.29
Labour force (Million)	2.33	1.93	4.26	0.56	0.50	1.06	1.77	1.43	3.20
Employment (Million)	2.29	1.89	4.18	0.53	0.48	1.01	1.76	1.41	3.17
Unemployment (Million)	0.04	0.04	0.08	0.03	0.02	0.05	0.01	0.02	0.03
Labour force participation rate (%)	55.4	42.5	48.7	47.9	37.8	42.6	58.3	44.4	51.1
Unemployment rate (%)	1.8	2.2	2.0	4.8	4.0	4.4	0.8	1.5	1.1
Informal employment rate (%)	95.2	97.2	96.1	92.8	95.4	94.0	95.9	97.8	96.8
Composite rate of labour underutilization (%)	10.9	11.4	11.1	11.0	8.7	9.9	10.9	12.2	11.5
Average weekly wage (in ,000 Kyats)	37.1	35.3	36.3	43.5	41.9	42.7	34.2	32.0	33.2
Average monthly wage (in ,000 Kyats) <sup>1/</sup>	148.2	141.3	145.1	173.8	167.6	170.9	136.7	127.9	132.9

Notes: Based on 15-24 years.

Source : Annual Labour Force Survey-2018.

<sup>1/</sup> This figure is paid employee.

**TABLE 7.10 KEY FIGURES OF CHILD LABOUR**  
Year 2018, million and percentage values

Particulars	Total			Urban			Rural		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Child population (5-17 years) (Million)	6.16	6.25	12.41	1.51	1.51	3.02	4.65	4.74	9.39
Working child (Million)	0.31	0.22	0.53	0.04	0.04	0.08	0.27	0.18	0.45
Child labour (Million)	0.24	0.16	0.40	0.03	0.03	0.06	0.21	0.13	0.34
Hazardous child labour (Million)	0.21	0.14	0.35	0.03	0.03	0.06	0.18	0.11	0.29
Proportion of working children (%)	5.0	3.5	4.3	2.6	2.8	2.7	5.8	3.8	4.8
Proportion of child labour (%)	3.9	2.6	3.2	2.1	2.2	2.2	4.5	2.7	3.6
Proportion of hazardous child labour (%)	3.5	2.2	2.8	1.9	2.0	1.9	4.0	2.3	3.1

Note : Based on 5-17 years child population.

Source : Annual Labour Force Survey-2018.

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

<b>Responsible Unit (Service or Structure)</b>	Project Appraisal and Progress Reporting Department
<b>Level of Disaggregation</b>	Union, State Organizations and Ministries
<b>Study Variables</b>	Female employed
<b>Classification Variables</b>	Percentage of Female in total employed, Percentage of Female employed at Deputy Director or equal and above posts in total at Deputy Director or equal and above posts, Percentage of Female employed at Deputy Director or equal and above posts in total employed, Percentage of Female employed at Deputy Director or equal and above posts in female employed
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Persons employed in State Organizations and Ministries
<b>Table</b>	7.11

**TABLE 7.11 PERCENT OF FEMALE EMPLOYED**  
As of 30.9.2019, percentage values

Description	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
<b>Grand Total</b>	<b>59.10</b>	<b>49.60</b>	<b>0.67</b>	<b>1.13</b>
<b>State Administrative Organizations</b>	<b>58.13</b>	<b>44.24</b>	<b>1.70</b>	<b>2.93</b>
President's Office	51.42	18.75	2.63	5.11
Union Government's Office	57.61	17.39	1.65	2.86
Pyidaungsu Hluttaw Office	61.41	44.44	2.30	3.74
Pyithu Hluttaw Office	74.31	26.19	1.68	2.26
Amyothar Hluttaw Office	67.74	50.00	4.15	6.12
Supreme Court of the Union	49.36	63.43	2.08	4.22
Union Legal Aid Board	67.30	22.22	0.95	1.41
Constitutional Tribunal of the Union	54.46	44.44	7.14	13.11
Union Election Commission Office	58.18	8.82	0.18	0.30
Union Attorney General's Office	49.68	52.45	4.27	8.60
Office of the Auditor General of the Union	79.43	82.83	1.32	1.67
Union Civil Service Board	56.87	61.04	3.51	6.17
Central Bank of Myanmar	73.25	61.43	3.08	4.20
Anti-Corruption Commission Office	55.09	32.26	3.77	6.85
Naypyitaw City Development Committee	42.99	20.00	1.47	3.41
Yangon City Development Committee	54.50	24.00	0.47	0.85
Mandalay City Development Committee	46.29	19.23	0.17	0.37

**TABLE 7.11 PERCENT OF FEMALE EMPLOYED (concl'd)**  
As of 30.9.2019, percentage values

Description	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
<b>Ministries</b>	<b>59.14</b>	<b>50.13</b>	<b>0.63</b>	<b>1.07</b>
Ministry of Foreign Affairs	55.04	37.30	5.47	9.94
Ministry of Home Affairs	11.13	4.40	0.02	0.21
Ministry of Defence	72.74	20.41	0.03	0.04
Ministry of Border Affairs	49.75	44.93	2.58	5.19
Ministry of the Office of the State Counsellor	55.48	31.25	3.42	6.17
Ministry of Information	54.55	25.00	0.33	0.60
Ministry of the Office of the Union Government	38.95	5.07	0.04	0.10
Ministry of Religious Affairs and Culture	49.55	28.13	1.49	3.00
Ministry of Agriculture, Livestock and Irrigation	40.63	31.70	0.51	1.25
Ministry of Transport and Communications	27.59	18.84	0.27	0.99
Ministry of Natural Resources and Environmental Conservation	27.79	15.99	0.24	0.87
Ministry of Electricity and Energy	26.99	21.38	0.35	1.30
Ministry of Labour, Immigration and Population	49.89	32.32	0.76	1.53
Ministry of Industry	64.08	35.98	0.73	1.14
Ministry of Commerce	49.46	30.34	1.48	3.00
Ministry of Education	78.88	76.44	0.78	0.99
Ministry of Health and Sports	62.01	55.47	0.92	1.49
Ministry of Planning and Finance	61.86	47.76	1.07	1.72
Ministry of Investment and Foreign Economic Relations	70.64	57.45	7.48	10.59
Ministry of Construction	48.43	28.74	0.92	1.89
Ministry of Social Welfare, Relief and Resettlement	67.46	52.76	1.44	2.14
Ministry of Hotels and Tourism	60.93	17.86	0.99	1.63
Ministry of Ethnic Affairs	58.13	34.78	1.63	2.80

Source : Project Appraisal and Progress Reporting Department.

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

<b>Responsible Unit (Service or Structure)</b>	Social Security Board
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Establishments registered with the Social Security Board
<b>Classification Variables</b>	Benefit and Employee Range
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Claims, Awards, Establishments under the social security schemes
<b>Tables</b>	7.12, 7.13



**TABLE 7.12 AWARDS BY TYPE OF SOCIAL BENEFIT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Benefit		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Social Insurance</b>								
Cash benefit sickness	Claims	54,339	40,891	75,911	114,395	134,874	83,410	219,944
	Awards	53,249	40,891	75,911	112,195	131,449	80,067	216,296
Cash benefit for confinement/ Miscarriage	Claims	2,290	2,669	6,582	9,027	11,533	7,087	17,000
	Awards	2,232	2,669	6,582	8,621	11,094	6,695	16,321
Maternity expenses	Claims	-	-	5,794	8,287	10,322	6,327	15,546
	Awards	-	-	5,794	7,978	10,169	6,053	15,080
Paternity expenses for confinement of his wife	Claims	-	-	2,863	5,200	6,996	4,510	10,606
	Awards	-	-	2,863	4,955	6,769	4,315	10,168
Benefit for confinement of his expenses of uninsured wife	Claims	-	-	1,833	3,440	4,946	3,162	7,287
	Awards	-	-	1,833	3,314	4,843	3,058	6,997
Benefit for adopted child	Claims	-	-	1	-	2	-	1
	Awards	-	-	1	-	2	-	1
Benefit for funeral expenses	Claims	1,657	1,628	1,698	1,776	1,747	905	2,059
	Awards	1,647	1,628	1,698	1,752	1,741	899	2,049
<b>Employment Injury Insurance</b>								
Temporary Disability Benefit	Claims	978	1,025	1,465	1,818	1,849	1,161	2,773
	Awards	967	1,025	1,465	1,749	1,873	1,136	2,715
Permanent Disability Benefit	Claims	1,527	138	517	212	191	110	233
	Awards	1,479	138	517	206	189	97	221
Survivors' benefit for decease owing to occupation	Claims	1,340	625	364	61	61	71	115
	Awards	1,340	625	364	56	60	70	111

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, 2015/2016 - 2018/2019, absolute values

Employee Range	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TOTAL</b>	<b>31,009</b>	<b>36,938</b>	<b>25,618</b>	<b>27,776</b>	<b>29,948</b>	<b>31,119</b>	<b>33,694</b>
1 - 4	-	-	-	9,236	10,001	10,694	11,639
5 - 9	24,186	28,642	15,684	7,761	8,122	8,114	8,534
10 - 25	4,066	4,803	4,318	5,116	5,822	5,953	6,690
26 - 50	1,153	1,611	2,163	2,468	2,773	2,872	3,055
51 - 75	475	615	873	844	853	949	973
76 - 100	228	273	497	581	524	532	527
101 - 125	227	248	324	299	290	318	369
126 - 150	114	112	211	226	238	230	258
151 - 175	48	75	170	173	179	179	203
176 - 200	50	78	122	129	123	184	159
201 - 225	65	44	96	107	100	94	109
226 - 250	45	70	115	95	94	117	103
251 - 500	208	206	547	359	407	435	474
501 - 750	64	65	154	155	144	134	208
751 - 1000	21	28	217	88	104	104	123
1001 and above	59	68	127	139	174	210	270

Source : Social Security Board.

#### METHODOLOGY SHEET | Salient Features of the Social Security Schemes

<b>Responsible Unit (Service or Structure)</b>	Social Security Board
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Number of Towns, Registered Insured Persons, Actively Insured Persons, Establishments, Employer's Contribution, Employee's Contribution, Benefits
<b>Classification Variables</b>	Selected Economic Activity
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Establishments and persons under the social security schemes
<b>Tables</b>	7.14, 7.15

**TABLE 7.14 EMPLOYEES ACTIVELY REGISTERED WITH THE SOCIAL SECURITY BOARD**  
Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

States and Regions		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Union	No. of Towns	108	110	116 (r)	116	116	116	116
	Establishments	31,009	36,938	25,618	27,776	29,948	31,119	33,694
	Male Workers	290,113 (r)	282,662 (r)	388,981	432,635	471,072	497,772	537,795
	Female Workers	212,150 (r)	251,781 (r)	482,339	568,574	678,160	756,238	877,392
Kachin State	No. of Towns	1	1	1	1	1	1	1
	Establishments	220	281	210	231	262	276	312
	Male Workers	1,465	1,475	1,878	2,035	2,247	2,283	2,415
	Female Workers	428	554	1,041	1,091	1,271	1,414	1,512
Kayah State	No. of Towns	1	1	1	1	1	1	1
	Establishments	107	136	107	116	123	129	143
	Male Workers	912	629	855	930	961	1,066	1,106
	Female Workers	270	288	568	592	609	668	724
Kayin State	No. of Towns	1	1	1	1	1	1	1
	Establishments	171	227	152	181	203	214	233
	Male Workers	1,849	1,876	1,746	2,011	2,387	2,479	2,606
	Female Workers	880	1,039	1,292	2,313	3,195	3,238	3,324
Sagaing Region	No. of Towns	6	6	6	6	6	6	6
	Establishments	2,075	2,453	1,589	1,690	1,831	1,904	2,045
	Male Workers	13,073	12,972	17,432	19,288	20,513	20,841	21,458
	Female Workers	7,772	7,926	10,505	11,015	12,336	12,786	13,466
Taninthayi Region	No. of Towns	2	2	2	2	2	2	2
	Establishments	584	637	330	364	397	413	454
	Male Workers	2,345	2,590	4,329	4,968	5,322	5,813	6,094
	Female Workers	3,571	3,196	4,510	4,503	4,550	4,878	5,141
Bago Region	No. of Towns	18	18	18	18	18	18	18
	Establishments	2,629	3,027	2,007	2,197	2,424	2,530	2,724
	Male Workers	24,073	21,312	23,008	23,070	24,381	25,190	28,937
	Female Workers	17,102	17,003	30,317	35,012	43,982	50,510	59,873
Magway Region	No. of Towns	7	7	7	7	7	7	7
	Establishments	1,337	1,539	1,008	1,118	1,209	1,254	1,363
	Male Workers	18,925	14,935	16,170	16,917	16,172	16,338	16,087
	Female Workers	10,577	7,931	9,332	9,787	9,925	9,972	10,854

**TABLE 7.14 EMPLOYEES ACTIVELY REGISTERED WITH THE SOCIAL SECURITY BOARD (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

States and Regions		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Mandalay Region	No. of Towns	14	16	13	13	13	13	13
	Establishments	7,903	9,881	6,524	6,863	7,122	7,263	7,615
	Male Workers	56,388 (r)	67,215 (r)	64,191	69,124	70,419	71,997	75,136
	Female Workers	26,834 (r)	45,187 (r)	52,370	59,719	63,474	66,325	69,827
Mon State	No. of Towns	4	4	4	4	4	4	4
	Establishments	1,137	1,325	868	960	1,046	1,095	1,195
	Male Workers	8,314 (r)	7,043	7,155	8,254	9,092	9,497	10,128
	Female Workers	2,593	2,603	4,490	5,247	5,850	6,294	6,741
Rakhine State	No. of Towns	2	2	2	2	2	2	2
	Establishments	347	271	254	286	324	337	388
	Male Workers	2,997	2,539	2,898	3,246	3,594	3,421	3,551
	Female Workers	1,226	1,325	1,980	2,448	2,856	2,699	2,748
Yangon Region	No. of Towns	39	39	40 (r)	40	40	40	40
	Establishments	11,097	13,304	9,396	10,304	11,283	11,834	13,037
	Male Workers	138,183 (r)	130,817 (r)	216,557	246,409	277,567	299,918	329,936
	Female Workers	132,841 (r)	155,176 (r)	339,563	406,305	495,340	561,245	662,041
Shan State	No. of Towns	4	4	4	4	4	4	4
	Establishments	1,307	1,592	1,115	1,207	1,297	1,348	1,469
	Male Workers	5,310	5,622	7,373	8,579	9,455	10,004	10,019
	Female Workers	1,932	2,524	5,303	5,837	6,611	6,853	7,320
Ayeyawady Region	No. of Towns	9	9	9	9	9	9	9
	Establishments	2,095	2,265	1,446	1,579	1,696	1,743	1,838
	Male Workers	16,279	13,637 (r)	12,308	13,443	14,011	13,875	14,514
	Female Workers	6,124 (r)	7,029 (r)	10,896	13,736	16,409	17,138	20,801
Nay Pyi Taw	No. of Towns	-	-	8 (r)	8	8	8	8
	Establishments	-	-	612	680	731	779	878
	Male Workers	-	-	13,081	14,361	14,951	15,050	15,808
	Female Workers	-	-	10,172	10,969	11,752	12,218	13,020

Note : Chin State is not covered under the Social Security Scheme.

Source : Social Security Board.

**TABLE 7.15 SALIENT FEATURES OF THE SOCIAL SECURITY SCHEMES**

Years 2005/2006, 2010/2011, 2015/2016 - 2018/2019, absolute values

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Coverage (Number)</b>							
Towns	108	110	116 (r)	116	116	116	116
Registered Insured Persons	967,350	999,530	871,320	1,001,209	1,149,232	1,254,010	1,415,187
Actively Insured Persons	502,263	534,443	871,320	1,001,209	1,149,232	1,254,010	1,415,187
Establishments	31,009	36,938	25,618	27,776	29,948	31,119	33,694
<b>Finance (Million Kyats)</b>							
State Contribution	-	-	-	-	-	-	-
Employer's Contribution	892.10	3,618.73	31,772.11	43,798.56	52,927.79	33,393.58	77,949.80
Employee's Contribution	535.26	2,169.11	21,184.05	29,196.74	35,288.47	22,271.48	51,963.37
Total	1,427.36	5,787.84	52,956.16	72,995.30	88,216.26	55,665.06	129,913.17
<b>Benefits (Million Kyats)</b>							
Cash benefit sickness	30.52	135.44	941.02	1,733.31	2,214.81	1,465.51	3,781.64
Cash benefit for confinement / Miscarriage	19.47	108.17	1,144.74	2,032.32	3,115.91	2,084.08	5,153.75
Maternity expenses	-	-	276.03	498.80	753.33	503.27	1,245.40
Paternity expenses for confinement of his wife	-	-	123.47	262.13	415.30	289.53	678.68
Benefit for confinement of his expenses of uninsured wife	-	-	59.08	131.53	216.55	150.74	346.40
Benefit for adopted child	-	-	0.21	-	0.39	-	0.57
Benefit for funeral expenses	33.06	65.20	364.42	578.42	737.62	475.97	1,273.66
Temporary disability benefit	3.62	15.93	93.48	184.78	201.10	137.60	316.93
Permanent disability benefit	4.66	127.22	93.33	143.21	200.37	123.62	324.90
Survivors' benefit for decease owing to occupation	2.23	115.28	205.89	259.70	283.79	201.01	650.85
<b>Medical Care</b>							
(a) Expenses for drug purchase	232.49	396.02	4,528.39	4,561.88	5,130.11	4,495.48	6,911.48
(b) Expenditure of medical department, all clinics and workers' hospitals	147.64	1,104.99	1,040.80	577.25	360.45	217.30	406.11
(c) Reimbursement for drug & Travelling allowance	34.35	175.17	1,514.50	1,525.54	1,603.06	1,092.53	3,303.27
(d) Contracted Hospitals and Clinics	-	-	-	-	-	-	115.87
(e) Medical expenses for retired insured workers	-	-	-	-	-	-	3.68
Total	508.04 (r)	2,243.42 (r)	10,385.36	12,488.87	15,232.79	11,236.64	24,513.18
<b>Establishment by Selected Economic Activity (Number)</b>							
Textiles	1,359	1,660	818	871	868	781	791
Food and beverage	5,616	6,386	4,156	4,256	4,551	4,714	5,006
Tobacco	900	1,131	414	354	355	361	359
Footwear and Garment	1,427	1,015	954	1,018	1,199	1,285	1,424
Wholesale and Retail Trade	3,647	5,139	5,051	5,804	5,577	5,997	6,469
Printing and Publishing	438	517	411	411	425	440	459
Personal Service	5,511	7,157	1,492	3,491	4,753	4,808	5,302
Recreation Service	455	586	442	860	699	670	777
Transportation Business	-	-	-	823	730	755	877
Electronic and Peripheral Equipment Production, Transmission, Distribution and Installation Business	-	-	-	880	925	957	981
Forest, Forest Product and Related Enterprises	-	-	-	1,069	1,091	1,123	1,104
Business of Financial Services	-	-	-	1,318	1,390	1,598	1,836
Services	-	-	-	1,764	1,569	1,480	1,680
Others	11,656	13,347	11,880	4,857	5,816	6,150	6,629

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.



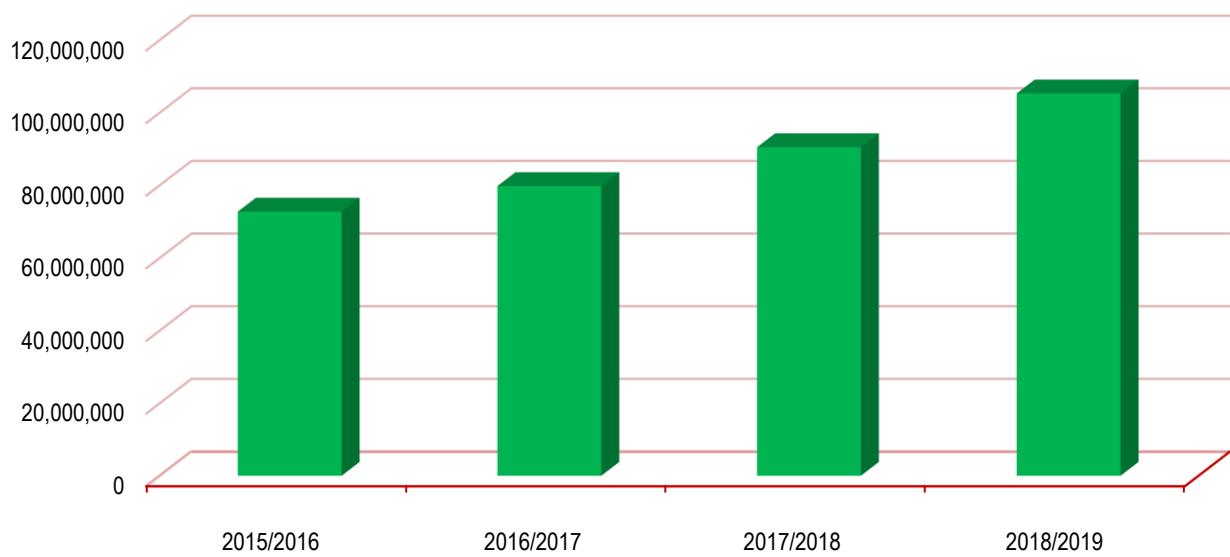
# 8

## National Accounts

The Gross Domestic Product, **GDP**, at current prices amounted to **105,258,500.8** Million Kyats in the 2018-2019. | The annual Growth Rate of GDP was **6.8%** in 2018-2019. | In 2018-2019, the GDP share of the **Agriculture Sector** was **21.3%**, **Industry Sector 38.0%** and **Services Sector 40.7%** respectively. The **per capita GDP** was 1,945,593 Kyat at current price in 2018-2019. **Total Consumption** was **74,110,864.2** Million Kyats and **Investment** was **31,497,347.1** Million Kyats in 2018-2019.

**FIGURE 8.1** GROSS DOMESTIC PRODUCT(CURRENT PRODUCERS' PRICES)

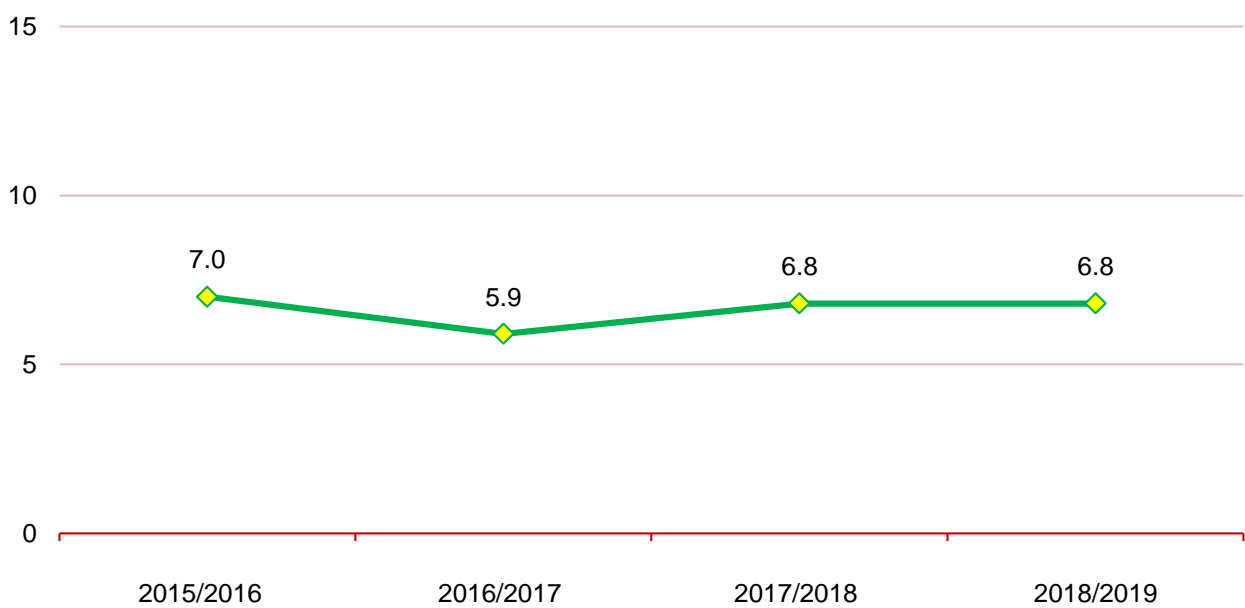
Million Kyats



Source : Planning Department

**FIGURE 8.2** ANNUAL GROWTH RATES OF GROSS DOMESTIC PRODUCT

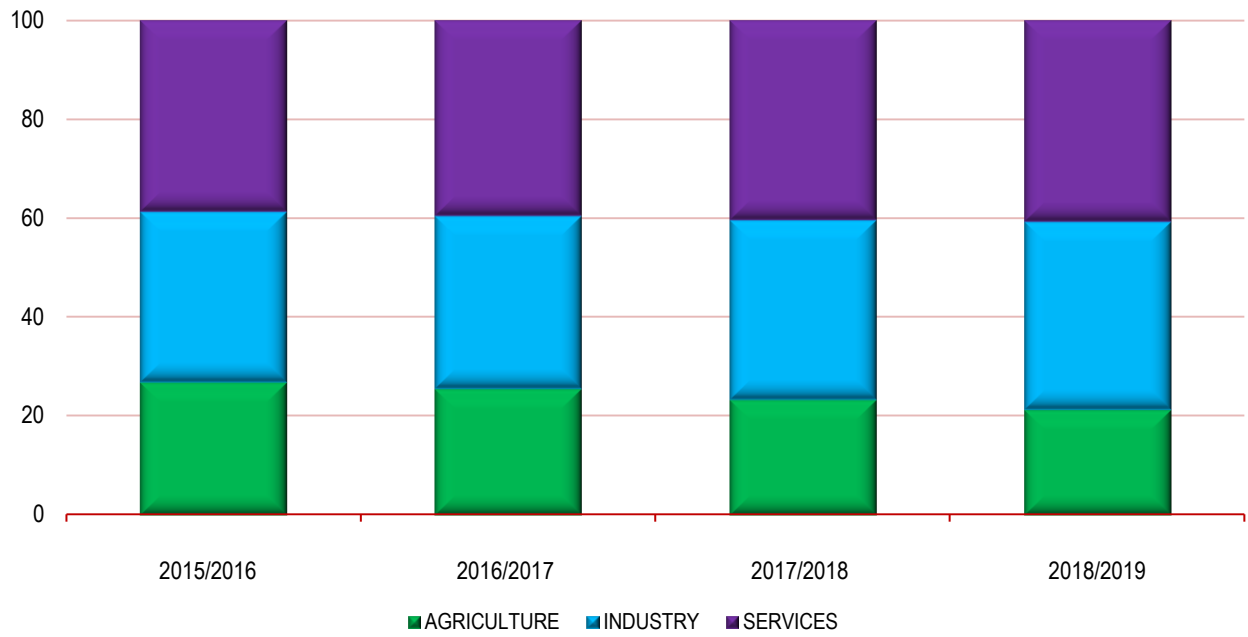
Rate



Source : Planning Department

**FIGURE 8.3** SHARE OF GROSS DOMESTIC PRODUCT (CURRENT PRODUCERS' PRICES)

Percentage



Source : Planning Department



## NATIONAL ACCOUNTS

### METHODOLOGY SHEET | **Gross Domestic Product**

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

**TABLE 8.01 GROSS DOMESTIC PRODUCT AT CURRENT PRICES BY SECTOR OF ACTIVITY**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sectors	2005-2006	2010-2011	2015-2016	2016-2017 (P.A)	2017-2018 (End of Mar)	2017-2018 (P.A) (Oct-Sep)	2018-2019 (End of Sep)
<b>AGRICULTURE</b>	5736351.7	14658961.3	19466836.8	20313707.6	21106493.4	21344044.4	22476953.7
Agriculture	4718474.3	11108404.4	13417668.2	13748224.0	13964771.2	13903589.6	14426590.4
Livestock and Fishery	941058.8	3392103.2	5906519.1	6506756.8	7058571.9	7357166.3	7962858.6
Forestry	76818.6	158453.7	142649.5	58726.8	83150.3	83288.5	87504.7
<b>INDUSTRY</b>	2151683.5	10528139.7	25063666.0	27940920.7	32828745.3	34093232.1	39956938.3
Energy	20075.7	66994.9	3687516.1	2669961.3	3422785.0	3563702.1	4686268.3
Mining	69392.9	299433.4	759981.8	835279.5	902025.3	936456.5	1026473.9
Processing and Manufacturing	1572906.7	7900494.0	15130436.7	18189397.2	21575920.7	22477601.0	26062338.0
Electric Power	27652.3	421882.7	1030836.9	1112365.6	1207150.1	1283317.5	1474699.0
Construction	461655.9	1839334.7	4454894.5	5133917.1	5720864.2	5832155.0	6707159.1
<b>SERVICES</b>	4398730.2	14589663.9	28183518.4	31505468.2	36515710.4	37351678.6	42824608.8
Transportation	1283046.6	4594356.4	8239652.8	8944505.5	10003830.3	10430672.7	11838813.6
Communications	129115.7	332227.1	1512271.1	1638899.7	1785084.5	1853471.9	2077842.9
Financial Institutions	10237.4	37715.4	173401.9	239804.4	297897.4	352113.1	392660.8
Social and Administrative Services	112598.9	915719.6	2686743.5	2806428.6	2920447.2	3169518.0	3458407.2
Rental and Other Services	196533.9	738484.2	1812108.0	2159037.1	2718800.5	2816366.8	3418586.1
Trade	2667197.7	7971161.2	13759341.1	15716792.9	18789650.5	18729536.1	21638298.2
<b>GROSS DOMESTIC PRODUCT</b>	12286765.4	39776764.9	72714021.2	79760096.5	90450949.1	92788955.1	105258500.8

Source : Planning Department.

**TABLE 8.02 GROSS DOMESTIC PRODUCT AT CONSTANT PRICES BY SECTOR OF ACTIVITY**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sectors	(At 2000-2001 Constant Prices)	(At 2010-2011 Constant Prices)				(At 2015-2016 Constant Prices)	
	2005-2006	2010-2011	2015-2016	2016-2017 (P.A)	2017-2018 (End of Mar)	2017-2018 (P.A) (Oct-Sep)	2018-2019 (End of Sep)
<b>AGRICULTURE</b>	2339957.3	14658961.3	16306177.9	16230932.4	16439257.3	19562189.8	19872349.9
Agriculture	1878319.0	11108404.4	11357413.2	11261660.5	11272922.2	12848703.3	12892194.0
Livestock and Fishery	444564.1	3392103.2	4820334.8	4917638.2	5099501.9	6638993.4	6908242.0
Forestry	17074.2	158453.7	128429.9	51633.7	66833.2	74493.1	71913.9
<b>INDUSTRY</b>	715326.9	10528139.7	16962757.1	18476752.0	20216364.3	29639296.1	32125922.5
Energy	9221.0	66994.9	88366.9	82077.1	92637.7	3226128.0	3269371.2
Mining	23950.3	299433.4	512226.7	572049.1	643874.4	869736.4	914397.3
Processing and Manufacturing	532178.5	7900494.0	12496231.2	13659251.3	15060282.0	19092866.8	20942379.0
Electric Power	5706.6	421882.7	716282.5	773459.2	822014.3	1282479.4	1379570.3
Construction	144270.5	1839334.7	3149649.8	3389915.3	3597555.9	5168085.5	5620204.7
<b>SERVICES</b>	1619935.4	14589663.9	23207290.1	25079444.1	27172297.0	34308544.2	37149069.0
Transportation	359877.4	4594356.4	7133374.6	7665075.2	8261580.2	9890575.3	10690449.4
Communications	32477.8	332227.1	2639379.8	2938972.3	3274367.1	2067053.2	2316129.9
Financial Institutions	10237.4	37715.4	223775.5	309467.7	384436.5	352113.1	392660.8
Social and Administrative Services	69937.3	915719.6	1506569.0	1573628.7	1637904.1	3037452.0	3172362.6
Rental and Other Services	73109.0	738484.2	1417942.3	1590433.7	1787268.5	2483481.3	2804027.7
Trade	1074296.5	7971161.2	10286248.9	11001866.5	11826740.6	16477869.3	17773438.6
<b>GROSS DOMESTIC PRODUCT</b>	4675219.6	39776764.9	56476225.1	59787128.5	63827918.6	83510030.1	89147341.4

Source : Planning Department.

#### METHODOLOGY SHEET | Expenditure on Gross Domestic Product

<b>Responsible Unit (Service or Structure)</b>	Planning Department
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Gross Domestic Product (GDP) by expenditure approach. Per Capita GDP, Consumption and Investment
<b>Classification Variables</b>	Both at current prices and constant prices
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	-
<b>Tables</b>	8.03, 8.04

**TABLE 8.03 EXPENDITURE ON GROSS DOMESTIC PRODUCT AT CURRENT PRICES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats and Kyat

Particulars	2005-2006	2010-2011	2015-2016	2016-2017 (P.A)	2017-2018 (End of Mar)	2017-2018 (P.A) (Oct-Sep)	2018-2019 (End of Sep)
<b>Million Kyats</b>							
1. Total Consumption*	10682305.0	26770837.4	53788922.1	58432107.4	64453021.6	68865189.7	74110864.2
2. Total Investment	1563754.0	9115073.7	25152151.1	26464187.5	29627731.5	28865177.5	31497347.1
3. Stock Changes	(+)57040.5	(+)106059.2	(+)163142.6	(+)1025934.6	(+)1177652.6	(+)1000826.3	(+)755940.7
4. Exports (Fob)	19802.7	7791732.0	12648598.4 **	13877942.1 **	18058075.5 **	20435003.8	25199408.4
5. Exports in Services	-	-	-	-	-	5879677.9	6788387.6
6. Imports (Cif)	11514.2	6002287.2	20317542.7 **	21632414.7 **	25316019.5 **	26876547.5	27664396.4
7. Imports in Services	-	-	-	-	-	4754459.1	4228127.8
8. Statistical Discrepancy ***	(-)24622.6	(+)1995349.8	(+)1278749.7	(+)1592339.6	(+)2450487.4	(-)625913.5	(-)1200923.0
9. Gross Domestic Product	12286765.4	39776764.9	72714021.2	79760096.5	90450949.1	92788955.1	105258500.8
<b>Kyat</b>							
10. Per Capita GDP	221799	801418	1386349	1507268	1694219	1730330	1945593
11. Per Capita Consumption	192835	539376	1025528	1104222	1207257	1284199	1369861
12. Per Capita Investment	28229	183649	479545	500107	554951	538278	582195

Notes : \* 2005/2006 consumption data are estimated based on the Integrated Household Living Conditions Assessment (IHLCA) Survey, 2004. The data for 2010/2011 to 2018/2019 are Estimated based on IHLCA Survey, 2009. Source : Planning Department.

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

\*\*\* Statistical discrepancy are difference between GDP by product approach [(9)] and GDP by expenditure approach [(1)+(2)+(3)+(4)+(5)-(6)-(7)].

**TABLE 8.04 EXPENDITURE ON GROSS DOMESTIC PRODUCT AT CONSTANT PRICES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats and Kyat

Particulars	(At 2000-2001 Constant Prices)	(At 2010-2011 Constant Prices)				(At 2015-2016 Constant Prices)	
	2005-2006	2010-2011	2015-2016	2016-2017 (P.A)	2017-2018 (End of Mar)	2017-2018 (P.A) (Oct-Sep)	2018-2019 (End of Sep)
<b>Million Kyats</b>							
1. Total Consumption*	4064649.4	26770837.4	40610040.5	41519690.5	43303109.0	60603508.5	61512204.5
2. Total Investment	708536.9	9115073.7	19389181.3	19621859.0	20923102.3	25388026.2	26060219.4
3. Stock Changes	(+)24254.6	(+)106059.2	(+)155509.0	(+)763344.2	(+)842198.1	(+)900743.7	(+)641836.5
4. Exports (Fob)	15495.1	7791732.0	11037171.4	10989817.9	13076085.5	16958509.4	19133947.2
5. Exports in Services	-	-	-	-	-	4704811.8	4985485.7
6. Imports (Cif)	9917.5	6002287.2	14460884.5	12809340.8	14009972.0	20899337.1	19689961.9
7. Imports in Services	-	-	-	-	-	3804432.1	3105195.5
8. Statistical Discrepancy ***	(-)127798.9	(+)1995349.8	(-)254792.6	(-)298242.3	(-)306606.3	(-)341800.3	(-)391194.5
9. Gross Domestic Product	4675219.6	39776764.9	56476225.1	59787128.5	63827918.6	83510030.1	89147341.4
<b>Kyat</b>							
10. Per Capita GDP	84396	801418	1076763	1129828	1195548	1557297	1647795
11. Per Capita Consumption	73374	539376	774252	784619	811102	1130135	1136988
12. Per Capita Investment	12790	183649	369670	370804	391906	473436	481696

Notes : \* 2005/2006 consumption data are estimated based on the Integrated Household Living Conditions Assessment (IHLCA) Survey, 2004. The data for 2010/2011 to 2018/2019 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 [(9)] and GDP by expenditure approach [(1)+(2)+(3)+(4)+(5)-(6)-(7)].

Source : Planning Department.

#### METHODOLOGY SHEET | Annual growth rates of Gross Domestic Product

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

**TABLE 8.05 ANNUAL GROWTH RATES OF GROSS DOMESTIC PRODUCT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in percent

Sectors	(At 2000-2001 Constant Prices)	(At 2010-2011 Constant Prices)				(At 2015-2016 Constant Prices)	
	2005-2006	2010-2011	2015-2016	2016-2017 (P.A)	2017-2018 (End of Mar)	2017-2018 (P.A) (Oct-Sep)	2018-2019 (End of Sep)
	<b>AGRICULTURE</b>	12.1	4.7	3.4	(-) 0.5	1.3	0.1
Agriculture	10.7	4.0	2.2	(-) 0.8	0.1	-3.4	0.3
Livestock and Fishery	18.8	7.5	6.4	2.0	3.7	7.2	4.1
Forestry	4.0	0.4	1.6	(-)59.8	29.4	35.3	-3.5
<b>INDUSTRY</b>	19.9	18.6	8.3	8.9	9.4	8.3	8.4
Energy	19.4	(-) 6.0	(-) 0.5	(-) 7.1	12.9	0.7	1.3
Mining	37.0	10.7	(-)16.1	11.7	12.6	3.1	5.1
Processing and Manufacturing	21.9	20.5	9.9	9.3	10.3	9.9	9.7
Electric Power	19.2	28.0	13.1	8.0	6.3	10.7	7.6
Construction	11.0	12.5	6.6	7.6	6.1	8.1	8.7
<b>SERVICES</b>	13.1	9.5	8.7	8.1	8.3	8.7	8.3
Transportation	16.2	7.1	7.9	7.5	7.8	8.2	8.1
Communications	18.5	8.9	20.8	11.4	11.4	14.3	12.0
Financial Institutions	51.7	37.9	24.1	38.3	24.2	27.0	11.5
Social and Administrative Services	8.4	15.9	6.0	4.5	4.1	5.9	4.4
Rental and Other Services	12.0	12.5	11.7	12.2	12.4	12.7	12.9
Trade	12.1	10.3	6.1	7.0	7.5	7.9	7.9
<b>GROSS DOMESTIC PRODUCT</b>	13.6	9.6	7.0	5.9	6.8	6.4	6.8
<b>PER CAPITA GDP</b>	11.3	8.4	6.1	4.9	5.8	5.5	5.8
<b>PER CAPITA CONSUMPTION</b>	12.3	1.5	3.8	1.3	3.4	3.6	0.6
<b>PER CAPITA INVESTMENT</b>	27.1	30.9	15.7	0.3	5.7	1.5	1.7

Source : Planning Department.

## METHODOLOGY SHEET | Shares of Gross Domestic Product

<b>Responsible Unit (Service or Structure)</b>	Planning Department
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	By sector of activities
<b>Classification Variables</b>	Gross Domestic Product at current prices by sector
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Quarterly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Economic sector
<b>Tables</b>	8.06

**TABLE 8.06 SHARES OF GROSS DOMESTIC PRODUCT AT CURRENT PRICES BY SECTOR OF ACTIVITY**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in percent

Sectors	2005-2006	2010-2011	2015-2016	2016-2017 (P.A)	2017-2018 (End of Mar)	2017-2018 (P.A) (Oct-Sep)	2018-2019 (End of Sep)
<b>AGRICULTURE</b>	46.7	36.8	26.8	25.5	23.3	23.0	21.3
Agriculture	38.4	27.9	18.5	17.2	15.4	15.0	13.7
Livestock and Fishery	7.7	8.5	8.1	8.2	7.8	7.9	7.5
Forestry	0.6	0.4	0.2	0.1	0.1	0.1	0.1
<b>INDUSTRY</b>	17.5	26.5	34.5	35.0	36.3	36.7	38.0
Energy	0.2	0.2	5.1	3.4	3.8	3.8	4.4
Mining	0.6	0.7	1.1	1.0	1.0	1.0	1.0
Processing and Manufacturing	12.8	19.9	20.8	22.8	23.9	24.2	24.8
Electric Power	0.2	1.1	1.4	1.4	1.3	1.4	1.4
Construction	3.7	4.6	6.1	6.4	6.3	6.3	6.4
<b>SERVICES</b>	35.8	36.7	38.7	39.5	40.4	40.3	40.7
Transportation	10.4	11.5	11.3	11.2	11.1	11.3	11.2
Communications	1.1	0.8	2.1	2.1	2.0	2.0	2.0
Financial Institutions	0.1	0.1	0.2	0.3	0.3	0.4	0.4
Social and Administrative Services	0.9	2.3	3.7	3.5	3.2	3.4	3.3
Rental and Other Services	1.6	1.9	2.5	2.7	3.0	3.0	3.2
Trade	21.7	20.1	18.9	19.7	20.8	20.2	20.6
<b>GROSS DOMESTIC PRODUCT</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source : Planning Department.



# 9

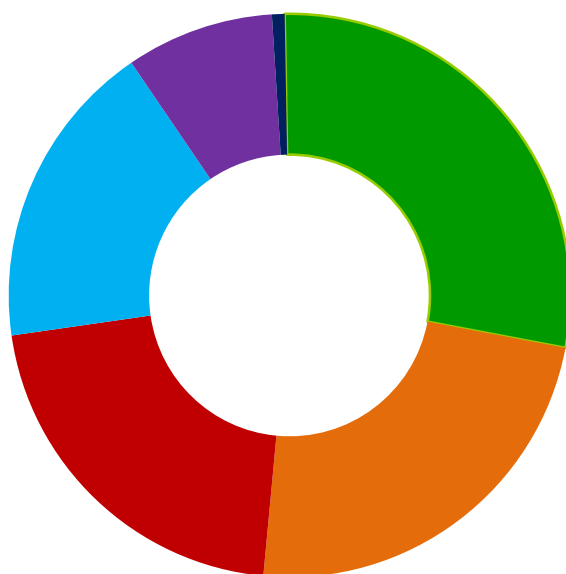
## Agriculture

Over **31%** of 161,283,076 acres Myanmar land area was **arable** in 2018-2019. | About **17.75%** of Agriculture area was **net area sown** equal to **29,674,138** acres. | **14,243,104** acres were devoted to **cultivable waste land** and **35,506,567** acres were **other wood land** in 2018-2019. | In 2018-2019 sown crops of **paddy** were equal to **17,861** thousand acres with a paddy production of **27,574** thousand tons. | Figures of all types of Livestock Breeding decreased in 2018-2019 as compared to the previous period: **cattle** -43.86%, **buffalo** -50.83%, **pigs** -68.51%, **duck** -73.33%, **sheep & goats** -77.84% and **fowl** -78.07%. | **Fresh water fisheries** production was equal to 1,675,714 thousand viss and **marine fisheries** to 2,001,862 thousand viss (1 viss = 1.6329 kilogram).



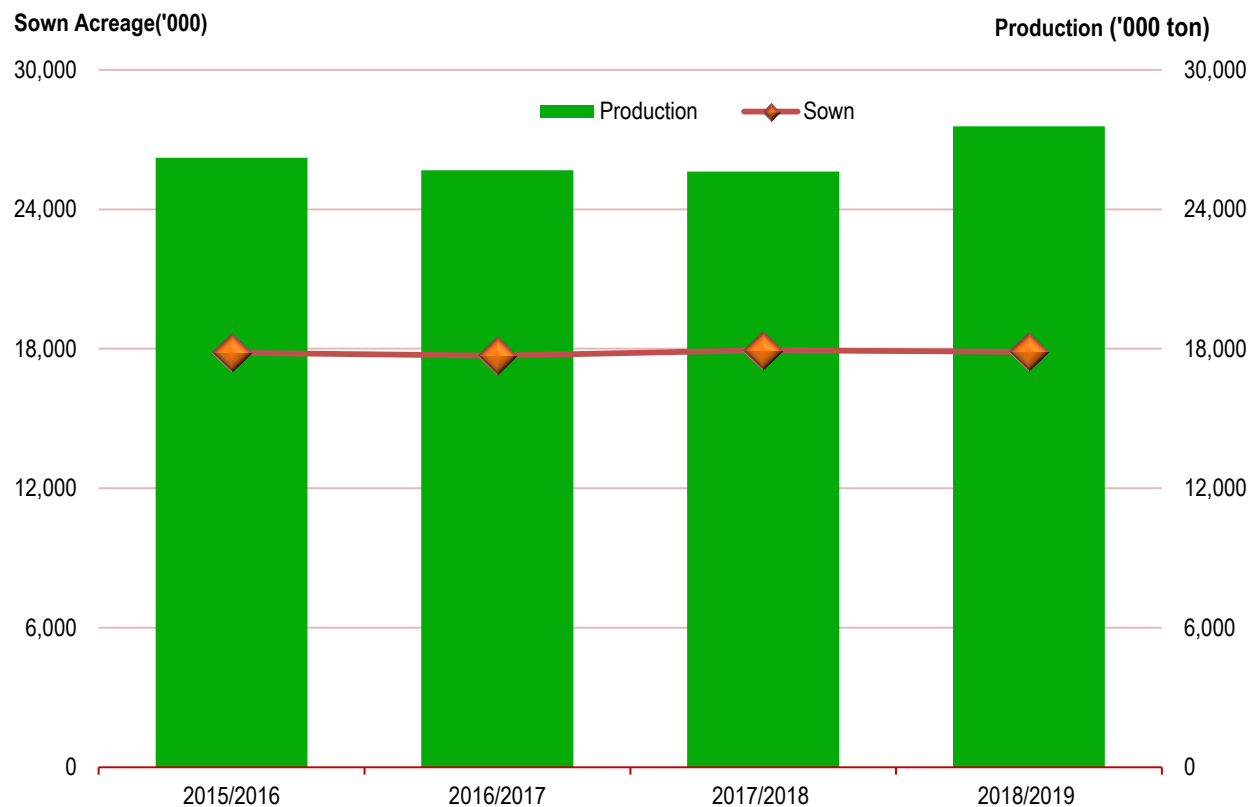
**FIGURE 9.1 PERCENTAGE OF AREA CLASSIFIED BY TYPE OF LAND, 2018/2019**

Reserved Forests Others Other Wood Land Net Area Sown Cultivable Waste Land Current Fallows



Source : Department of Agriculture Land Management and Statistics

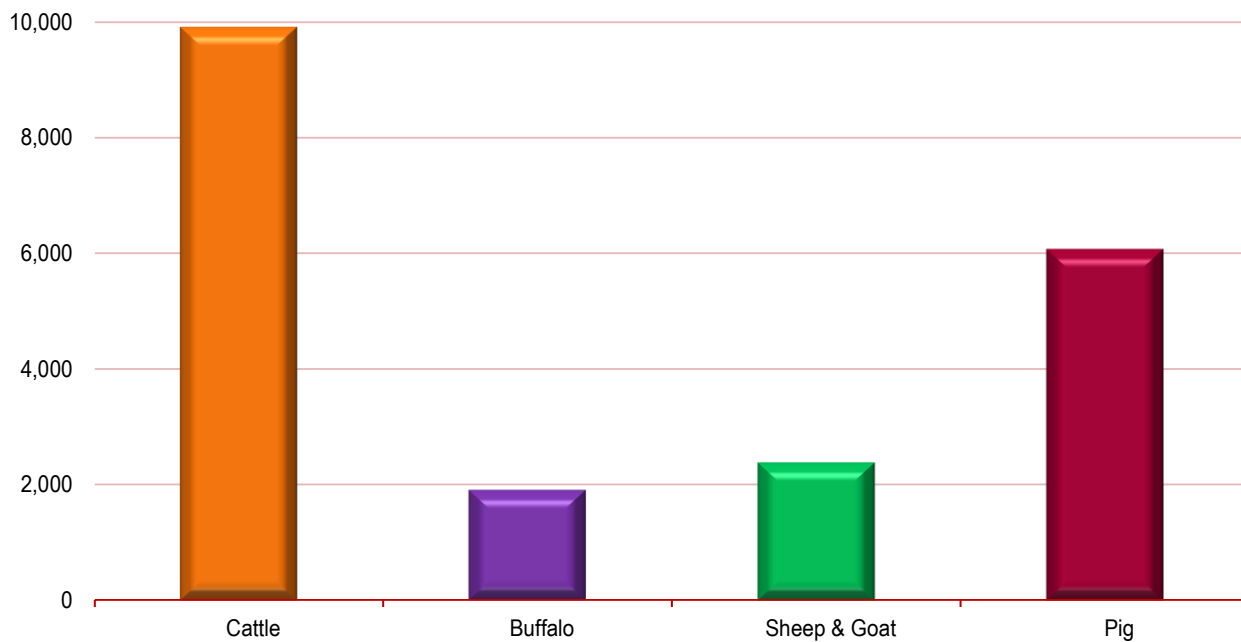
**FIGURE 9.2 SOWN ACREAGE AND PRODUCTION OF PADDY**



Source : Department of Agriculture Land Management and Statistics

**FIGURE 9.3 LIVESTOCK BREEDING, 2018/2019**

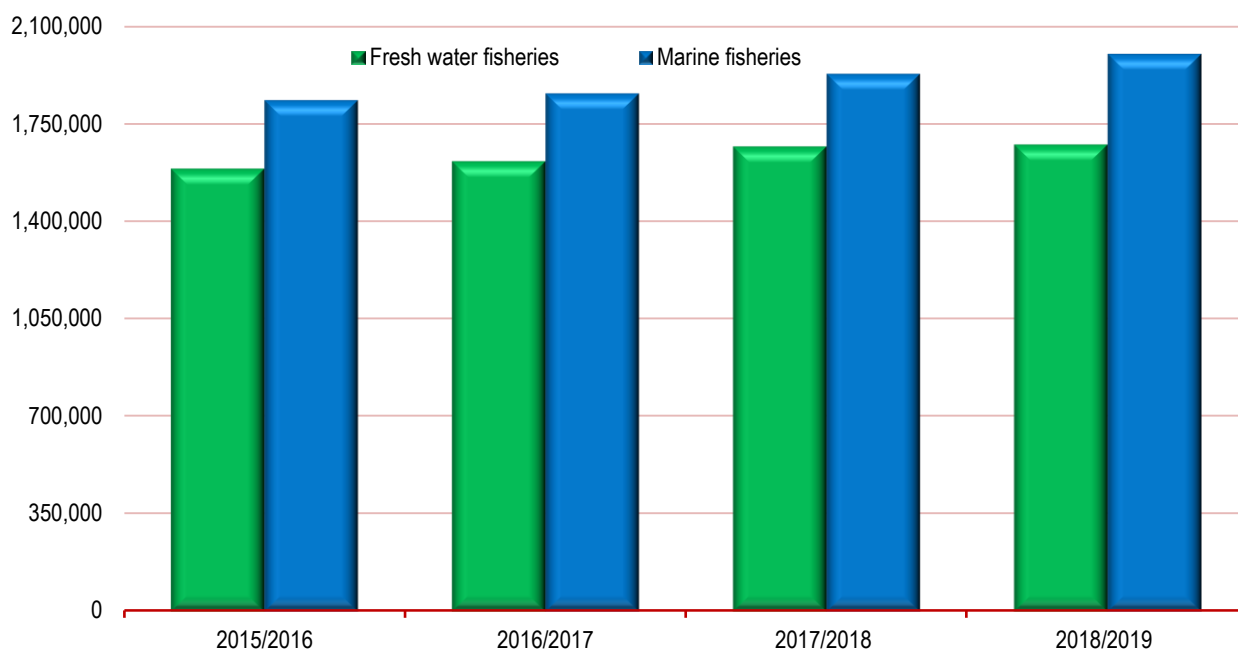
Thousand Number



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

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

**TABLE 9.01 AREA CLASSIFIED BY TYPE OF LAND**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand acres

Year	Reserved Forests	Current Fallows	Net Area Sown	Occupied Area	Cultivable Waste Land	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
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
2017-2018	46,649	1,149	29,792	30,941	13,695	35,853	40,048	167,186
2018 (Apr-Sep)	49,111	1,212	29,755	30,967	13,471	33,823	39,814	167,186
2018-2019 *	47,241	1,214	29,674	30,888	14,243	35,507	39,307	167,186

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

\* Agriculture Year (1 July to 30 June)

**TABLE 9.02 LAND UTILIZATION OF NET AREA SOWN**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand acres

Year	Paddy	Ya	Kaing	Garden	Dhani	Taungya	Net Area Sown
2005 - 2006	15,329	9,063	1,347	2,814	116	830	29,499
2010 - 2011	15,997	10,476	1,403	4,944	123	1,028	33,971
2015 - 2016	15,658	10,242	1,343	4,995	121	657	33,016
2016 - 2017	15,625	10,305	1,355	5,039	117	608	33,049
2017 - 2018	15,673	10,331	1,365	5,063	117	548	33,097
2018 (Apr-Sep)	15,596	10,352	1,355	5,069	117	530	33,019
2018 - 2019 *	15,602	10,348	1,366	5,074	117	529	33,036

Note : Net area sown is inclusive of squatter. Source : Department of Agricultural Land Management and Statistics.  
\*Agriculture Year (1 July to 30 June)

**TABLE 9.03 AREA SOWN, NOT HARVESTED AND HARVESTED**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand acres

Year	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
2015-2016	33,016	19,673	52,689	7,466	45,223
2016-2017	33,049	18,499	51,548	6,623	44,925
2017-2018	33,097	17,429	50,526	6,645	43,881
2018 (Apr-Sep)	33,019	124	33,143	25,160	7,983
2018-2019 *	33,036	16,103	49,139	5,252	43,887

Note : Net area sown is inclusive of squatter. Source : Department of Agricultural Land Management and Statistics.  
\* Agriculture Year (1 July to 30 June)

**TABLE 9.04 AREA NOT AVAILABLE FOR CULTIVATION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand acres

Year	Grazing Grounds & Cattle Paths	Canals, 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
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
2017-2018	738	650	501	1,237	675	67	36,180	40,048
2018 (Apr-Sep)	738	651	501	1,237	675	67	35,945	39,814
2018-2019 *	737	650	513	1,237	676	67	35,427	39,307

Note: \* Agriculture Year ( 1 July to 30 June) Source : Department of Agricultural Land Management and Statistics.

**TABLE 9.05 AREA SOWN BY TYPE OF PLANTING CLASSIFICATION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, 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	58,235	50,926
2015 - 2016	12	1,832	6,232	5,340	13,416	335	33,016	5,918	52,685	45,223
2016 - 2017	12	1,551	6,365	5,204	13,132	344	33,049	5,022	51,547	44,925
2017 - 2018	6	1,570	5,954	5,298	12,828	210	33,097	4,392	50,527	43,881
2018 - 2019 *	24	1,420	5,867	5,089	12,400	202	33,036	3,502	49,139	43,887

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

\* Agriculture Year (1 July to 30 June)

#### METHODOLOGY SHEET | Flood Protection and Irrigation

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

**TABLE 9.06 IRRIGABLE AND FLOOD PROTECTION AREAS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand acres

Year	Irrigable Area										Flood Protection							
	Dam		Weir		Tank		Sluice Gate		Pump Irrigation		Total		Embankments		Drainage Work		Total	
	No.	Area	No.	Area	No.	Area	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
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	3,693
2017 - 2018	235	1,836	107	395	71	109	168	487	208	263	789	3,090	227	2,813	234	897	461	3,710
2018 (Apr-Sep)	235	1,836	107	395	71	109	168	487	208	263	789	3,090	227	2,813	234	897	461	3,710
2018-2019	235	1,836	107	395	71	109	168	487	208	263	789	3,090	227	2,813	234	897	461	3,710

- Notes : 1. From year 2005-2006 to 2016-2017, dams and tanks are included in tank lists and sluice gates and weir are mentioned in weir lists.
2. From year 2017-2018 dams,weirs,tanksand sluice gates are mentioned andeach column.

Source : Department of Irrigation and Water Utilization Management.

**TABLE 9.07 PROTECTION AREA FOR WEIR**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand acres

Year	Total		Government		Private	
	Protect Area	Net Area Sown	Protect Area	Net Area Sown	Protect Area	Net Area Sown
2005-2006	3,112	2,529	2,712	2,196	400	333
2010-2011	3,117	2,586	2,712	2,235	405	351
2015-2016	3,111	2,569	2,706	2,238	405	331
2016-2017	3,118	2,573	2,706	2,238	412	335
2017-2018	3,123	2,578	2,705	2,237	418	341
2018-2019 *	3,126	2,554	2,704	2,207	422	347

Note: \* Agriculture Year (1 July to 30 June)

Source : Department of Agricultural Land Management and Statistics.

**TABLE 9.08 AREA OF SELECTED CROPS UNDER WEIR**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand acres

Year	Total	Paddy	Wheat	Maize	Ground-nut	Sesamum	Pulses	Sugarcane	Other food Crops	Cotton	Jute	Other non-food Crops
2005-2006	3,884	2,496	16	30	29	21	956	2	249	-	25	60
2010-2011	4,240	2,572	16	35	35	22	1,090	1	405	-	3	61
2015-2016	3,934	2,557	9	31	28	19	1,087	1	147	-	*	55
2016-2017	3,940	2,563	9	31	27	18	1,098	1	139	-	*	54
2017-2018	3,943	2,593	9	33	29	15	1,074	1	135	-	*	54
2018-2019**	3,901	2,575	9	51	27	11	1,041	1	132	-	*	54

Note : \*Less than one unit.

Source : Department of Agricultural Land Management and Statistics.

\*\*Agriculture Year (1 July to 30 June)

**TABLE 9.09 AREA BY TYPE OF NET IRRIGATION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, 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	5,278.0	100.0	1,070.0	20.3	701.0	13.3	643.0	12.2	75.0	1.4	243.0	4.6	2,545.0	48.2
2010-2011	5,663.0	100.0	978.0	17.3	580.0	10.2	634.0	11.2	101.0	1.8	380.0	6.7	2,990.0	52.8
2015-2016	5,280.0	100.0	921.8	17.5	496.0	9.4	609.0	11.5	57.3	1.1	370.6	7.0	2,825.3	54.5
2016-2017	5,314.0	100.0	934.2	17.6	510.7	9.6	596.0	11.2	56.0	1.1	377.3	7.1	2,839.8	53.4
2017-2018	5,465.4	100.0	929.9	17.0	609.6	11.2	597.1	10.9	67.9	1.3	390.5	7.1	2,870.4	52.5
2018 (Apr-Sep)	5,519.3	100.0	968.5	17.5	567.4	10.3	601.6	10.9	65.2	1.2	423.0	7.7	2,893.6	52.4
2018-2019*	5,690.1	100.0	936.9	16.5	653.8	11.5	602.7	10.6	93.3	1.6	446.5	7.8	2,956.9	52.0

Note: \* Agriculture Year (1 July to 30 June)

Source : Department of Agricultural Land Management and Statistics.

**TABLE 9.10 AREA OF CROPS UNDER IRRIGATION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, 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	7,108.19	5,188.05	130.68	92.28	58.04	188.24	381.26	25.30	901.38	31.08	44.76	67.12
2010-2011	7,249.47	5,402.30	88.02	115.33	72.06	178.61	274.03	26.68	1,002.82	20.37	6.12	63.13
2015-2016	6,651.84	4,640.51	90.10	140.74	86.45	285.66	330.55	28.27	1,007.80	4.82	*	36.88
2016-2017	6,705.10	4,636.13	78.37	146.00	88.58	335.49	336.50	27.63	1,016.54	3.87	*	35.99
2017-2018	6,960.92	4,939.34	75.59	169.74	90.86	260.58	305.97	26.79	1,038.46	17.11	*	36.48
2018 (Apr-Sep)	6,911.44	4,905.66	79.66	176.13	92.53	228.69	296.61	28.02	1,055.48	11.62	*	36.99
2018-2019**	7,119.68	5,027.12	67.66	208.49	89.88	300.40	294.66	28.23	1,055.06	11.62	*	36.56

Note : \* Less than one unit.

Source : Department of Agricultural Land Management and Statistics.

\*\* Agriculture Year (1 July to 30 June)

**METHODOLOGY SHEET | Production of Crops**

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



**TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS (UNION)**

Years 2015/2016-2018/2019, absolute values

Year	Classification	Unit	Cereals			Oilseeds			
			Paddy	Wheat	Maize	Groun- dnut (Rain)	Groun- dnut (Winter)	Sesa- sum (Early)	Sesa- sum (Late)
2015-2016	Sown	Acre	17820586	237978	1166140	1143598	1215361	2868624	911173
	Harvested	Acre	16727771	237978	1160753	1138175	1208721	2821291	911173
	Production	Ton	26210319	179307	1748547	643142	874792	543340	284091
2016-2017	Sown	Acre	17695525	213865	1211216	1240679	1204360	2846574	872468
	Harvested	Acre	16615316	213865	1206115	1240454	1203845	2822394	872445
	Production	Ton	25672833	160648	1830631	698585	873821	539400	273552
2017-2018	Sown	Acre	17930294	161721	1246541	1365165	1191595	2867925	817143
	Harvested	Acre	16668429	161721	1237041	1363414	1191549	2835070	817114
	Production	Ton	25624492	123252	1909295	746067	836583	509125	255031
2018 (Apr-Sep)	Sown	Acre	14891402	-	1096919	1435408	124	2720596	35207
	Harvested	Acre	41743	-	596916	766782	-	2534785	-
	Production	Ton	45258	-	856749	389138	-	359603	-
2018-2019 *	Sown	Acre	17861055	153059	1287014	1435408	1178106	2720596	823289
	Harvested	Acre	17666317	153053	1283037	1435408	1178045	2593591	821808
	Production	Ton	27573589	115996	1984136	731113	831315	371506	257601

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

Years 2015/2016-2018/2019, absolute values

Year	Classification	Unit	Pulses							
			Matpe (Black- gram)	Pedisein (Green- gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Pegyí (Lablab bean)
2015-2016	Sown	Acre	2800342	2990122	333554	35644	274346	128168	32138	305683
	Harvested	Acre	2800056	2987319	333554	35644	274346	128168	32138	305683
	Production	Ton	1142002	1090005	117393	19000	135060	40398	13967	156909
2016-2017	Sown	Acre	2913335	3017052	325561	35439	253728	126498	30836	289848
	Harvested	Acre	2912136	3004629	325561	35439	253728	126458	30836	289706
	Production	Ton	1164143	1086933	113250	18583	125749	39778	13532	150016
2017-2018	Sown	Acre	2413691	3065251	330192	36557	246192	109187	32135	266652
	Harvested	Acre	2412559	3059035	330192	36557	246192	109187	32135	266598
	Production	Ton	941379	1078376	116377	17545	122692	32320	13823	125138
2018 (Apr-Sep)	Sown	Acre	14220	1333084	247	4207	99544	21828	405	60331
	Harvested	Acre	6520	961698	-	-	-	12606	405	1142
	Production	Ton	2313	291919	-	-	-	2647	109	493
2018-2019 *	Sown	Acre	2338844	2887728	310955	30552	259400	104261	31587	244522
	Harvested	Acre	2338655	2879820	310955	30537	259400	104231	31587	244519
	Production	Ton	928769	996279	109745	14075	128708	30403	13756	116029

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

Years 2015/2016-2018/2019, absolute values

Year	Classification	Unit	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)	Other Pulses
2015-2016	Sown	Acre	32425	4247	341099	166339	361649	1600808	135322	920482	367198	675362
	Harvested	Acre	32425	4247	341099	166339	361499	1598369	135322	920482	366763	675287
	Production	Ton	13050	1078	96294	90184	131089	602303	50155	571458	154348	257761
2016-2017	Sown	Acre	31410	3611	320113	138489	344911	1651699	126592	899194	353805	653980
	Harvested	Acre	31410	3611	320113	138489	344911	1651196	126159	899144	353375	650873
	Production	Ton	13351	971	89916	75988	123667	627600	47217	559390	149185	255600
2017-2018	Sown	Acre	27110	3118	275687	137364	348892	1626480	120910	932472	345448	652151
	Harvested	Acre	27110	3118	275687	137364	348892	1626226	120891	928192	345299	652122
	Production	Ton	11676	796	74167	65241	124015	554642	42275	526765	145465	255488
2018 (Apr-Sep)	Sown	Acre	3179	-	129842	41752	45421	1098736	-	-	118598	140918
	Harvested	Acre	289	-	20622	470	5533	52	-	-	82705	80148
	Production	Ton	101	-	2856	189	1330	15	-	-	33492	22669
2018-2019 *	Sown	Acre	26759	2809	194082	155011	307569	1098736	114237	945601	343845	637409
	Harvested	Acre	26759	2809	194078	154998	307569	1098259	114223	945370	343446	637353
	Production	Ton	11421	745	47290	73668	110531	358545	41215	534602	143717	250150

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

Years 2015/2016-2018/2019, absolute values

Year	Classification	Unit	Spices and Condiments			Tobacco and Betel			
			Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
2015-2016	Sown	Acre	271575	189457	69626	6358	32899	237424	34327
	Harvested	Acre	271534	189457	69626	6358	32899	173730	33590
	Production	Ton	126793	1244469	209132	3544	25092	197209	277212
2016-2017	Sown	Acre	274368	172887	70874	5320	31537	241901	34311
	Harvested	Acre	271941	172880	70874	5320	31537	179339	34148
	Production	Ton	129365	1123120	212916	3072	24280	198365	276418
2017-2018	Sown	Acre	270489	173560	68419	4155	32486	248091	34575
	Harvested	Acre	269897	172428	68384	4155	32476	183163	34046
	Production	Ton	130592	1007046	203681	2711	24641	204022	272689
2018 (Apr-Sep)	Sown	Acre	136502	9480	-	90	1657	250342	35276
	Harvested	Acre	46495	702	-	-	-	104672	28818
	Production	Ton	22383	2001	-	-	-	93074	198926
2018-2019 *	Sown	Acre	265686	174423	68116	2653	31511	250342	35772
	Harvested	Acre	265441	174421	68116	2653	31511	189891	35749
	Production	Ton	128072	1014209	203432	2458	23716	226032	314728

**TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS (UNION) (cont'd)**  
Years 2015/2016-2018/2019, absolute values

Year	Classification	Unit	Beverage				Vegetables and Fruits			
			Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
2015-2016	Sown	Acre	236576	49192	400087	69672	90684	215462	1402955	1488451
	Harvested	Acre	208930	29028	399917	65968	90671	197549	1399418	1182778
	Production	Ton	99672	8299	10142383	380865	560306	221614	-	-
2016-2017	Sown	Acre	238368	49437	405461	70062	90279	225465	1412129	1497660
	Harvested	Acre	213051	30244	404387	67843	90278	201668	1411436	1184267
	Production	Ton	102407	8474	10437058	361976	554327	230017	-	-
2017-2018	Sown	Acre	238518	48578	403670	67702	80831	245594	1363284	1506943
	Harvested	Acre	219448	30627	403400	66036	80812	219102	1361992	1225811
	Production	Ton	104746	8547	10370042	333289	499949	235700	-	-
2018 (Apr-Sep)	Sown	Acre	237996	49294	444944	-	42811	261353	530297	1510173
	Harvested	Acre	214513	3275	-	-	40944	155002	405444	637864
	Production	Ton	95488	752	-	-	265661	144903	-	-
2018-2019 *	Sown	Acre	237996	49294	444944	65773	78904	262105	1349238	1512413
	Harvested	Acre	220723	31127	444681	63565	78904	246831	1349095	1255648
	Production	Ton	143571	8678	11397183	1078518	488535	278313	-	-

Note : Only for plantain production in thousand bunch.

**TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS (UNION)(concl'd)**  
Years 2015/2016-2018/2019, absolute values

Year	Classification	Unit	Fibre				Miscellaneous		
			Cotton (Wagyi)	Cotton (Mahlaing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
2015-2016	Sown	Acre	91135	72823	555700	131	1607428	141016	12050
	Harvested	Acre	91135	72823	555698	126	694278	119479	9129
	Production	Ton	16496	14063	482257	30	208740	508666	-
2016-2017	Sown	Acre	89353	54101	499226	117	1616097	141100	12179
	Harvested	Acre	89395	54101	499031	108	724019	119850	9198
	Production	Ton	17085	10287	438032	17	221669	490276	-
2017-2018	Sown	Acre	63431	36623	454764	91	1623260	141113	19246
	Harvested	Acre	63429	36623	454437	90	769348	120112	9707
	Production	Ton	12465	6613	369488	55	238030	489691	-
2018 (Apr-Sep)	Sown	Acre	36768	27428	403956	38	1628769	140965	23503
	Harvested	Acre	-	70	25758	37	719123	103237	674
	Production	Ton	-	10	17473	11	57707	336318	-
2018-2019 *	Sown	Acre	36768	27428	412510	38	1628830	140965	28871
	Harvested	Acre	36768	27428	412392	37	814712	119999	11582
	Production	Ton	7706	4758	324275	11	275477	565604	-

Note : Only for coconut production in thousand number.

\* Agriculture Year (1 July to 30 June)

Source : Department of Agricultural Land Management and Statistics.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Cereals			Oilseeds			
				Paddy	Wheat	Maize	Groundnut (Rain)	Groundnut (Winter)	Sesamum (Early)	Sesamum (Late)
Kachin State	2015-2016	Sown	Acre	449678	73	52045	1996	28423	3446	15641
		Harvested	Acre	440587	73	52045	1996	28432	3446	15641
		Production	Ton	613587	36	75792	773	17538	797	4646
	2016-2017	Sown	Acre	448189	73	56535	1892	28080	3437	15313
		Harvested	Acre	442927	73	53471	1892	28080	3437	15313
		Production	Ton	625089	36	78973	731	17537	797	4652
	2017-2018	Sown	Acre	446807	87	69618	1186	24486	2933	14047
		Harvested	Acre	437712	87	60408	1186	24486	2933	14047
		Production	Ton	618604	44	88678	468	15423	635	4306
	2018 (Apr-Sep)	Sown	Acre	454302	-	38535	1137	-	3627	-
		Harvested	Acre	1341	-	12475	78	-	732	-
		Production	Ton	654	-	16152	21	-	201	-
	2018-2019 *	Sown	Acre	460914	73	71065	1137	26160	3627	12742
		Harvested	Acre	459192	73	70058	1137	26160	3627	12742
		Production	Ton	648711	36	101791	455	16514	899	3870
Kayah State	2015-2016	Sown	Acre	94282	-	36725	12552	1975	18989	1041
		Harvested	Acre	90020	-	36691	12552	1975	18989	1041
		Production	Ton	121783	-	58086	6376	1078	4501	271
	2016-2017	Sown	Acre	95180	-	52766	11819	2162	22644	1127
		Harvested	Acre	90679	-	52766	11819	2162	22644	1127
		Production	Ton	125126	-	84225	5982	1177	5368	305
	2017-2018	Sown	Acre	87938	-	58314	7687	1577	23306	833
		Harvested	Acre	83664	-	58306	7687	1577	23306	833
		Production	Ton	116516	-	93230	3919	874	5525	205
	2018 (Apr-Sep)	Sown	Acre	84087	-	59061	9002	-	23240	-
		Harvested	Acre	-	-	21960	3618	-	20606	-
		Production	Ton	-	-	35224	1818	-	4989	-
	2018-2019 *	Sown	Acre	87866	-	59196	9002	1476	23240	827
		Harvested	Acre	87796	-	59187	9002	1476	23226	827
		Production	Ton	123848	-	94070	4579	816	5759	218
Kayin State	2015-2016	Sown	Acre	644399	-	51782	5845	30749	3519	39087
		Harvested	Acre	642872	-	51782	5845	30749	3519	39087
		Production	Ton	944963	-	111048	2695	26202	866	12344
	2016-2017	Sown	Acre	582364	-	51689	5501	31038	3462	39040
		Harvested	Acre	581151	-	51689	5501	31038	3462	39040
		Production	Ton	835510	-	111333	2560	26584	858	12598
	2017-2018	Sown	Acre	549282	-	53110	5097	30940	3338	39319
		Harvested	Acre	548253	-	53110	5097	30940	3338	39319
		Production	Ton	797574	-	115639	2382	26655	864	12807
	2018 (Apr-Sep)	Sown	Acre	421975	-	52539	4989	-	3251	-
		Harvested	Acre	-	-	49255	3154	-	890	-
		Production	Ton	-	-	106766	1414	-	198	-
	2018-2019 *	Sown	Acre	546303	-	53354	4989	31297	3251	39808
		Harvested	Acre	535661	-	51789	4989	31297	3251	39808
		Production	Ton	777463	-	112704	2353	27080	848	13030

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Cereals			Oilseeds			
				Paddy	Wheat	Maize	Groun- dnut (Rain)	Groun- dnut (Winter)	Sesa- mum (Early)	Sesa- mum (Late)
Chin State	2015-2016	Sown	Acre	89152	684	54881	1115	3018	5708	45
		Harvested	Acre	85703	684	51293	1115	3018	5688	45
		Production	Ton	79279	165	38009	498	1541	1086	11
	2016-2017	Sown	Acre	82852	677	46842	1080	2922	5531	62
		Harvested	Acre	82543	677	46648	1080	2922	5531	62
		Production	Ton	76442	162	35014	484	1500	1071	14
	2017-2018	Sown	Acre	79140	434	42689	1041	2909	5468	10
		Harvested	Acre	78995	434	42686	1041	2909	5468	10
		Production	Ton	74240	104	32129	461	1491	1066	2
	2018 (Apr-Sep)	Sown	Acre	78909	-	40225	916	-	5396	-
		Harvested	Acre	13299	-	31267	811	-	50	-
		Production	Ton	10305	-	22941	365	-	8	-
	2018-2019 *	Sown	Acre	78947	161	40225	916	3009	5396	103
		Harvested	Acre	78889	161	40156	916	3009	5396	103
		Production	Ton	74401	39	30110	407	1420	1052	24
Sagaing Region	2015-2016	Sown	Acre	2126415	176953	210875	276355	485688	501759	534503
		Harvested	Acre	1744973	176953	209251	274859	479050	488289	534503
		Production	Ton	3040043	122015	265137	138055	368472	80398	182448
	2016-2017	Sown	Acre	2130224	163355	198424	285539	498431	478213	523708
		Harvested	Acre	1802116	163355	198413	285478	498420	470952	523708
		Production	Ton	3043739	112786	253182	143989	384943	77899	179235
	2017-2018	Sown	Acre	2203052	119271	193558	293588	524341	467563	502385
		Harvested	Acre	1797429	119271	193479	293417	524340	466234	502356
		Production	Ton	3031521	82203	248449	147508	390906	77690	174925
	2018 (Apr-Sep)	Sown	Acre	1756375	-	178101	336555	-	438524	-
		Harvested	Acre	-	-	162582	268375	-	405080	-
		Production	Ton	-	-	211277	131078	-	68946	-
	2018-2019 *	Sown	Acre	2179330	114161	206114	336555	531345	438524	522768
		Harvested	Acre	2155076	114161	205778	336529	531336	435239	521439
		Production	Ton	3731593	77411	264823	163926	401733	74037	183363
Taninthayi Region	2015-2016	Sown	Acre	262577	-	220	13	-	677	273
		Harvested	Acre	262139	-	220	13	-	667	273
		Production	Ton	377292	-	137	5	-	101	37
	2016-2017	Sown	Acre	254780	-	220	-	-	637	268
		Harvested	Acre	253970	-	220	-	-	637	268
		Production	Ton	368271	-	141	-	-	97	39
	2017-2018	Sown	Acre	245316	-	220	-	1	717	275
		Harvested	Acre	244994	-	220	-	1	717	275
		Production	Ton	349293	-	141	-	**	112	42
	2018 (Apr-Sep)	Sown	Acre	230751	-	-	-	-	649	-
		Harvested	Acre	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	241998	-	220	-	2	649	280
		Harvested	Acre	241875	-	220	-	2	649	280
		Production	Ton	345335	-	141	-	1	101	43

Note : \*\* Less than one unit.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Cereals			Oilseeds			
				Paddy	Wheat	Maize	Groun- dnut (Rain)	Groun- dnut (Winter)	Sesa- mum (Early)	Sesa- mum (Late)
Bago Region	2015-2016	Sown	Acre	2980201	-	8565	61182	135291	124528	50790
		Harvested	Acre	2800874	-	8565	57989	135291	124120	50790
		Production	Ton	4507480	-	14295	36277	99228	31806	12990
	2016-2017	Sown	Acre	2960455	-	8796	65096	126098	123971	46819
		Harvested	Acre	2735375	-	8796	65096	126098	118411	46819
		Production	Ton	4359621	-	14934	40923	93158	30502	12032
	2017-2018	Sown	Acre	3020205	-	7913	61415	138016	127105	46073
		Harvested	Acre	2769583	-	7913	60155	138016	117579	46073
		Production	Ton	4416759	-	13281	37768	102196	30195	11809
	2018 (Apr-Sep)	Sown	Acre	2693191	-	2292	58548	124	111113	99
		Harvested	Acre	-	-	2292	58186	-	109517	-
		Production	Ton	-	-	3217	36837	-	27215	-
	2018-2019 *	Sown	Acre	3044794	-	13087	58548	126534	111113	38623
		Harvested	Acre	2910235	-	13087	58548	126534	109517	38623
		Production	Ton	4718568	-	23352	37031	93943	27215	9989
Magway Region	2015-2016	Sown	Acre	861449	1656	94804	348809	156438	1222457	114970
		Harvested	Acre	789238	1656	94804	348293	156438	1189532	114970
		Production	Ton	1380641	1124	129583	235602	124382	312570	35539
	2016-2017	Sown	Acre	748299	787	88874	388880	157208	1205203	108748
		Harvested	Acre	689079	787	88874	388745	157115	1194933	108748
		Production	Ton	1172461	565	123356	254679	124084	312250	33805
	2017-2018	Sown	Acre	720661	282	61507	482684	126454	1195457	78001
		Harvested	Acre	653499	282	61494	482535	126409	1173824	78001
		Production	Ton	1045173	179	83666	290532	81576	259193	19453
	2018 (Apr-Sep)	Sown	Acre	634082	-	17457	473807	-	1091959	35108
		Harvested	Acre	-	-	8986	229869	-	970809	-
		Production	Ton	-	-	13225	116602	-	128596	-
	2018-2019 *	Sown	Acre	707860	72	28546	473807	111179	1091959	80756
		Harvested	Acre	706661	72	28498	473556	111158	970809	80756
		Production	Ton	1109329	40	38430	246915	69628	128596	17547
Mandalay Region	2015-2016	Sown	Acre	543031	19890	31751	282265	117932	899072	93311
		Harvested	Acre	460342	19890	31748	282265	117932	899072	93311
		Production	Ton	768582	16865	47233	133750	74175	92786	19061
	2016-2017	Sown	Acre	643999	11396	34966	329702	112579	915301	78731
		Harvested	Acre	532835	11396	34669	329683	112456	914790	78731
		Production	Ton	884908	8972	52157	161558	70106	91823	15943
	2017-2018	Sown	Acre	739531	6501	37486	362590	113654	948898	77197
		Harvested	Acre	565339	6501	37479	362487	113654	948793	77197
		Production	Ton	933373	5292	57131	175556	70924	113907	15646
	2018 (Apr-Sep)	Sown	Acre	548692	-	15002	407704	-	956431	-
		Harvested	Acre	-	-	4766	84668	-	949209	-
		Production	Ton	-	-	7404	34989	-	113157	-
	2018-2019 *	Sown	Acre	672493	5333	38650	407704	121283	956431	69788
		Harvested	Acre	672285	5333	38649	407704	121283	955734	69788
		Production	Ton	1158397	4559	58826	193432	75823	114497	14209

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Cereals			Oilseeds			
				Paddy	Wheat	Maize	Groun- dnut (Rain)	Groun- dnut (Winter)	Sesa- mum (Early)	Sesa- mum (Late)
Mon State	2015-2016	Sown	Acre	720265	-	-	1514	22563	924	2886
		Harvested	Acre	718411	-	-	1514	22563	924	2886
		Production	Ton	992649	-	-	846	15547	208	945
	2016-2017	Sown	Acre	734365	-	-	1375	21705	718	1700
		Harvested	Acre	725755	-	-	1375	21705	718	1700
		Production	Ton	1002058	-	-	768	14443	164	558
	2017-2018	Sown	Acre	730695	-	-	1482	17289	640	1493
		Harvested	Acre	725683	-	-	1482	17289	640	1493
		Production	Ton	991410	-	-	812	12296	148	501
	2018 (Apr-Sep)	Sown	Acre	681621	-	-	1444	-	808	-
		Harvested	Acre	-	-	-	1151	-	450	-
		Production	Ton	-	-	-	606	-	95	-
	2018-2019 *	Sown	Acre	733957	-	-	1444	17533	808	1882
		Harvested	Acre	731986	-	-	1444	17533	808	1882
		Production	Ton	971714	-	-	801	12544	179	600
Rakhine State	2015-2016	Sown	Acre	1116660	-	571	1963	85552	3818	342
		Harvested	Acre	1098399	-	571	1963	85552	3818	342
		Production	Ton	1516438	-	1045	915	49910	796	71
	2016-2017	Sown	Acre	1113159	-	50	1987	84171	3807	325
		Harvested	Acre	1103762	-	50	1987	84171	3807	325
		Production	Ton	1479444	-	68	915	49160	796	69
	2017-2018	Sown	Acre	1104057	-	27	1987	74478	3772	147
		Harvested	Acre	1039959	-	27	1987	74478	3772	147
		Production	Ton	1315421	-	37	895	45111	789	30
	2018 (Apr-Sep)	Sown	Acre	1023442	-	-	1808	-	3511	-
		Harvested	Acre	-	-	-	1242	-	-	-
		Production	Ton	-	-	-	554	-	-	-
	2018-2019 *	Sown	Acre	1023943	-	11	1808	73841	3511	117
		Harvested	Acre	1023941	-	11	1808	73841	3511	117
		Production	Ton	1295588	-	17	813	44563	744	23
Yangon Region	2015-2016	Sown	Acre	1384341	-	174	78	7445	-	4371
		Harvested	Acre	1298918	-	174	78	7445	-	4371
		Production	Ton	1869616	-	169	24	4186	-	1167
	2016-2017	Sown	Acre	1359525	-	155	75	4947	-	3838
		Harvested	Acre	1263092	-	155	75	4947	-	3838
		Production	Ton	1775233	-	150	23	2785	-	1028
	2017-2018	Sown	Acre	1364821	-	265	75	3685	-	3870
		Harvested	Acre	1289789	-	265	75	3685	-	3870
		Production	Ton	1827033	-	261	23	2130	-	1030
	2018 (Apr-Sep)	Sown	Acre	1158062	-	-	80	-	-	-
		Harvested	Acre	-	-	-	80	-	-	-
		Production	Ton	-	-	-	25	-	-	-
	2018-2019 *	Sown	Acre	1379243	-	2255	80	3583	-	3816
		Harvested	Acre	1373420	-	2255	80	3583	-	3816
		Production	Ton	1978475	-	2923	25	2052	-	1021

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Cereals			Oilseeds			
				Paddy	Wheat	Maize	Groun- dnut (Rain)	Groun- dnut (Winter)	Sesa- mum (Early)	Sesa- mum (Late)
Shan State	2015-2016	Sown	Acre	1344234	38722	581828	107867	23070	33759	5220
		Harvested	Acre	1301271	38722	581815	107867	23070	33759	5220
		Production	Ton	2049459	39102	929556	62677	14334	7758	1567
	2016-2017	Sown	Acre	1319826	37577	632414	106225	22737	33662	5287
		Harvested	Acre	1278840	37577	630984	106218	22737	33662	5287
		Production	Ton	1995369	38127	1003746	61515	14061	7692	1565
	2017-2018	Sown	Acre	1309968	35146	669547	105005	21739	32976	5803
		Harvested	Acre	1270964	35146	669367	105000	21739	32976	5803
		Production	Ton	1984759	35430	1075961	61543	13112	7533	1847
	2018 (Apr-Sep)	Sown	Acre	1269163	-	680434	98538	-	27860	-
		Harvested	Acre	27103	-	290078	76158	-	23576	-
		Production	Ton	34300	-	417633	41704	-	4982	-
	2018-2019 *	Sown	Acre	1313759	33259	699737	98538	21723	27860	5858
		Harvested	Acre	1312321	33253	698813	98455	21723	27805	5706
		Production	Ton	2053930	33910	1112441	56483	13252	6332	1811
Ayeyawady Region	2015-2016	Sown	Acre	5026831	-	24413	19260	92274	4913	19454
		Harvested	Acre	4826973	-	24288	19042	92272	4403	19454
		Production	Ton	7647607	-	49651	11759	63331	1212	5860
	2016-2017	Sown	Acre	5037199	-	21109	19209	86727	5520	18857
		Harvested	Acre	4865236	-	21109	19209	86727	4955	18857
		Production	Ton	7633001	-	43155	11893	59204	1497	5654
	2017-2018	Sown	Acre	5128740	-	34165	18093	84794	5496	19128
		Harvested	Acre	4992754	-	34165	18030	84794	5234	19128
		Production	Ton	7827428	-	69924	11188	58055	1580	5774
	2018 (Apr-Sep)	Sown	Acre	3685236	-	-	18111	-	5439	-
		Harvested	Acre	-	-	-	16623	-	5286	-
		Production	Ton	-	-	-	10462	-	1611	-
	2018-2019 *	Sown	Acre	5186234	-	56459	18111	80841	5439	17177
		Harvested	Acre	5174004	-	56459	18111	80810	5439	17177
		Production	Ton	8224559	-	114746	11230	55649	1643	5160
Nay Pyi Taw	2015-2016	Sown	Acre	177071	-	17506	22784	24943	45055	29239
		Harvested	Acre	167051	-	17506	22784	24943	45055	29239
		Production	Ton	300898	-	28807	12888	14868	8454	7136
	2016-2017	Sown	Acre	185109	-	18376	22299	25555	44468	28645
		Harvested	Acre	167956	-	18271	22296	25267	44455	28622
		Production	Ton	296560	-	30197	12566	15081	8586	6053
	2017-2018	Sown	Acre	200081	-	18122	23235	27232	50256	28562
		Harvested	Acre	169812	-	18122	23235	27232	50256	28562
		Production	Ton	295386	-	30770	13014	15833	9885	6654
	2018 (Apr-Sep)	Sown	Acre	171514	-	13273	22769	-	48788	-
		Harvested	Acre	-	-	13255	22769	-	48580	-
		Production	Ton	-	-	22911	12663	-	9604	-
	2018-2019 *	Sown	Acre	203414	-	18095	22769	28300	48788	28744
		Harvested	Acre	202975	-	18077	22769	28300	48580	28744
		Production	Ton	361677	-	29765	12663	16297	9604	6693



**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Pulses							
				Matpe (Black-gram)	Pedisein (Green-gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Peygi (Lablab bean)
Kachin State	2015-2016	Sown	Acre	71	2227	-	-	-	-	-	-
		Harvested	Acre	71	2227	-	-	-	-	-	-
		Production	Ton	16	531	-	-	-	-	-	-
	2016-2017	Sown	Acre	78	2061	-	-	-	-	-	-
		Harvested	Acre	78	2061	-	-	-	-	-	-
		Production	Ton	18	553	-	-	-	-	-	-
	2017-2018	Sown	Acre	76	2113	-	-	-	-	-	-
		Harvested	Acre	76	2113	-	-	-	-	-	-
		Production	Ton	18	561	-	-	-	-	-	-
	2018 (Apr-Sep)	Sown	Acre	-	252	-	-	-	-	-	-
		Harvested	Acre	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	74	1938	-	-	-	-	-	-
		Harvested	Acre	74	1938	-	-	-	-	-	-
		Production	Ton	17	525	-	-	-	-	-	-
Kayah State	2015-2016	Sown	Acre	-	2740	270	-	-	1079	-	300
		Harvested	Acre	-	2708	270	-	-	1079	-	300
		Production	Ton	-	784	67	-	-	237	-	113
	2016-2017	Sown	Acre	177	1894	383	-	-	1027	-	300
		Harvested	Acre	177	1894	383	-	-	1027	-	300
		Production	Ton	34	557	96	-	-	211	-	113
	2017-2018	Sown	Acre	84	1039	198	-	-	123	-	300
		Harvested	Acre	84	1039	198	-	-	123	-	300
		Production	Ton	16	307	49	-	-	28	-	114
	2018 (Apr-Sep)	Sown	Acre	-	408	-	-	-	31	-	-
		Harvested	Acre	-	383	-	-	-	7	-	-
		Production	Ton	-	115	-	-	-	1	-	-
	2018-2019 *	Sown	Acre	103	849	215	-	-	96	-	300
		Harvested	Acre	103	849	215	-	-	96	-	300
		Production	Ton	26	251	53	-	-	23	-	113
Kayin State	2015-2016	Sown	Acre	1717	64815	34002	-	-	-	7802	5356
		Harvested	Acre	1717	64815	34002	-	-	-	7802	5356
		Production	Ton	546	24726	10929	-	-	-	2875	2411
	2016-2017	Sown	Acre	2786	65357	33596	-	-	-	7806	5360
		Harvested	Acre	2786	65357	33596	-	-	-	7806	5360
		Production	Ton	922	25841	10947	-	-	-	2861	2426
	2017-2018	Sown	Acre	1621	65453	34361	-	-	-	7806	5360
		Harvested	Acre	1621	65453	34361	-	-	-	7806	5360
		Production	Ton	554	26250	11236	-	-	-	2909	2459
	2018 (Apr-Sep)	Sown	Acre	-	50187	-	-	-	-	-	-
		Harvested	Acre	-	11	-	-	-	-	-	-
		Production	Ton	-	4	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	1752	68260	36571	-	-	-	7820	5369
		Harvested	Acre	1752	68260	36571	-	-	-	7820	5369
		Production	Ton	617	27605	12072	-	-	-	2949	2480

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Pulses							
				Matpe (Black-gram)	Pedisein (Green-gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Peyyi (Lablab bean)
Chin State	2015-2016	Sown	Acre	30	646	406	-	-	7416	-	604
		Harvested	Acre	30	646	406	-	-	7416	-	604
		Production	Ton	8	102	76	-	-	145	-	162
	2016-2017	Sown	Acre	28	516	394	-	-	6538	-	593
		Harvested	Acre	28	516	394	-	-	6538	-	593
		Production	Ton	7	81	74	-	-	1287	-	159
	2017-2018	Sown	Acre	28	338	348	-	-	5745	-	593
		Harvested	Acre	28	338	348	-	-	5745	-	593
		Production	Ton	7	89	66	-	-	1095	-	159
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	5404	-	-
		Harvested	Acre	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	28	1101	332	-	-	5404	-	593
		Harvested	Acre	28	1101	332	-	-	5404	-	593
		Production	Ton	7	177	63	-	-	1029	-	159
Sagaing Region	2015-2016	Sown	Acre	190309	570416	-	7119	250874	34528	3861	62270
		Harvested	Acre	190056	569184	-	7119	250874	34528	3861	62270
		Production	Ton	79380	211751	-	4270	124749	9507	1953	31331
	2016-2017	Sown	Acre	221271	591234	-	7963	234250	34888	4074	63434
		Harvested	Acre	220784	580051	-	7963	234250	34888	4074	63433
		Production	Ton	92269	214170	-	4472	117238	9597	2128	33414
	2017-2018	Sown	Acre	182502	562364	-	8774	229316	32632	3832	62928
		Harvested	Acre	181413	560576	-	8774	229316	32632	3832	62928
		Production	Ton	70264	204490	-	5005	115321	8807	1926	32281
	2018 (Apr-Sep)	Sown	Acre	13583	471526	-	-	96120	804	-	9635
		Harvested	Acre	6520	420166	-	-	-	334	-	-
		Production	Ton	2313	149372	-	-	-	81	-	-
	2018-2019 *	Sown	Acre	174754	577121	-	8940	240944	36746	4025	67278
		Harvested	Acre	174678	573959	-	8940	240944	36746	4025	67278
		Production	Ton	67891	208742	-	5112	120924	10343	2050	34750
Taninthayi Region	2015-2016	Sown	Acre	146	-	2	-	-	-	-	-
		Harvested	Acre	146	-	2	-	-	-	-	-
		Production	Ton	27	-	**	-	-	-	-	-
	2016-2017	Sown	Acre	527	-	5	-	-	-	-	-
		Harvested	Acre	527	-	5	-	-	-	-	-
		Production	Ton	104	-	**	-	-	-	-	-
	2017-2018	Sown	Acre	551	49	45	-	-	-	-	-
		Harvested	Acre	551	49	45	-	-	-	-	-
		Production	Ton	131	12	7	-	-	-	-	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	-	-	-
		Harvested	Acre	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	324	23	45	-	-	-	-	-
		Harvested	Acre	324	23	45	-	-	-	-	-
		Production	Ton	81	5	7	-	-	-	-	-

Note : \*\* Less than one unit.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Pulses							
				Matpe (Black-gram)	Pedisein (Green-gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Peyyi (Lablab bean)
Bago Region	2015-2016	Sown	Acre	1240950	569586	54123	6799	-	-	13591	20010
		Harvested	Acre	1240950	569586	54123	6779	-	-	13591	20010
		Production	Ton	543905	268595	22643	3985	-	-	6569	10755
	2016-2017	Sown	Acre	1293991	559123	53816	6796	-	-	12847	15698
		Harvested	Acre	1293871	559098	53816	6796	-	-	12847	15698
		Production	Ton	570602	266676	22735	3978	-	-	6233	8387
	2017-2018	Sown	Acre	1051070	693980	63074	8225	-	-	13420	17677
		Harvested	Acre	1051070	693974	63074	8225	-	-	13420	17677
		Production	Ton	457100	304072	26561	4827	-	-	6386	9548
	2018 (Apr-Sep)	Sown	Acre	-	21100	-	-	-	-	-	1665
		Harvested	Acre	-	6483	-	-	-	-	-	-
		Production	Ton	-	2397	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	1062164	678948	55977	2783	-	-	13040	18925
		Harvested	Acre	1062051	678948	55977	2783	-	-	13040	18925
		Production	Ton	461817	303931	23893	1693	-	-	6262	10567
Magway Region	2015-2016	Sown	Acre	33846	774148	9575	6998	1847	39110	-	157818
		Harvested	Acre	33846	772781	9575	6998	1847	39110	-	157818
		Production	Ton	16838	259624	3025	5232	1289	14874	-	86818
	2016-2017	Sown	Acre	48222	778645	9567	6998	1849	39281	-	149215
		Harvested	Acre	48203	778280	9567	6998	1849	39281	-	149213
		Production	Ton	22482	259765	3107	4967	1292	14778	-	81877
	2017-2018	Sown	Acre	17529	704099	4004	5578	1850	26330	68	126444
		Harvested	Acre	17521	700346	4004	5578	1850	26330	68	126414
		Production	Ton	5291	218223	1157	2480	1075	8833	22	57538
	2018 (Apr-Sep)	Sown	Acre	-	448871	247	-	-	1980	-	41712
		Harvested	Acre	-	277027	-	-	-	-	-	-
		Production	Ton	-	68453	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	12572	514482	2712	3075	894	14864	163	93369
		Harvested	Acre	12572	509772	2712	3060	894	14834	163	93366
		Production	Ton	6387	127253	820	1493	578	4283	71	42492
Mandalay Region	2015-2016	Sown	Acre	9881	336027	720	9501	21625	30069	3100	27386
		Harvested	Acre	9881	335862	720	9501	21625	30069	3100	27386
		Production	Ton	2711	82741	208	2867	9023	10556	1327	10622
	2016-2017	Sown	Acre	11274	328713	725	8463	17629	27889	3063	24174
		Harvested	Acre	10958	327930	725	8463	17629	27849	3063	24174
		Production	Ton	2949	83776	210	2532	7219	9867	1369	9304
	2017-2018	Sown	Acre	6370	314243	819	8714	15026	27031	3140	23129
		Harvested	Acre	6370	313579	819	8714	15026	27031	3140	23129
		Production	Ton	1744	81298	238	2580	6296	9425	1361	9014
	2018 (Apr-Sep)	Sown	Acre	637	276793	-	4207	3424	-	-	5504
		Harvested	Acre	-	193787	-	-	-	-	-	-
		Production	Ton	-	50560	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	7100	297425	784	10380	17562	29184	3141	28235
		Harvested	Acre	7100	297389	784	10380	17562	29184	3141	28235
		Production	Ton	1977	74281	231	3092	7206	10468	1367	11145

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Pulses							
				Matpe (Black-gram)	Pedisein (Green-gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Peygi (Lablab bean)
Mon State	2015-2016	Sown	Acre	5877	28689	7060	-	-	-	-	-
		Harvested	Acre	5877	28689	7060	-	-	-	-	-
		Production	Ton	1882	10475	2373	-	-	-	-	-
	2016-2017	Sown	Acre	5907	35370	4889	-	-	-	-	-
		Harvested	Acre	5907	35370	4889	-	-	-	-	-
		Production	Ton	1912	12803	1601	-	-	-	-	-
	2017-2018	Sown	Acre	4553	35794	4537	-	-	-	-	-
		Harvested	Acre	4553	35794	4537	-	-	-	-	-
		Production	Ton	1437	13041	1523	-	-	-	-	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	-	-	-
		Harvested	Acre	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	4833	37801	4173	-	-	-	-	-
		Harvested	Acre	4833	37801	4173	-	-	-	-	-
		Production	Ton	1586	13812	1414	-	-	-	-	-
Rakhine State	2015-2016	Sown	Acre	37662	3952	57519	-	-	-	-	29
		Harvested	Acre	37662	3952	57519	-	-	-	-	29
		Production	Ton	12019	1036	17518	-	-	-	-	13
	2016-2017	Sown	Acre	38229	3717	56354	-	-	-	-	29
		Harvested	Acre	38229	3717	56354	-	-	-	-	29
		Production	Ton	12379	1007	17234	-	-	-	-	13
	2017-2018	Sown	Acre	23921	2560	34806	-	-	-	-	27
		Harvested	Acre	23921	2560	34806	-	-	-	-	27
		Production	Ton	7960	706	10824	-	-	-	-	12
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	-	-	-
		Harvested	Acre	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	20950	2576	33738	-	-	-	-	23
		Harvested	Acre	20950	2576	33738	-	-	-	-	23
		Production	Ton	7066	719	10651	-	-	-	-	11
Yangon Region	2015-2016	Sown	Acre	50006	374091	1631	-	-	-	2962	-
		Harvested	Acre	50004	374091	1631	-	-	-	2962	-
		Production	Ton	18129	127463	492	-	-	-	997	-
	2016-2017	Sown	Acre	53790	368604	1325	-	-	-	2213	-
		Harvested	Acre	53790	368604	1325	-	-	-	2213	-
		Production	Ton	18822	120431	405	-	-	-	693	-
	2017-2018	Sown	Acre	41781	367060	2032	-	-	-	3039	-
		Harvested	Acre	41781	367060	2032	-	-	-	3039	-
		Production	Ton	14544	115904	620	-	-	-	961	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	-	-	-
		Harvested	Acre	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	41341	360097	1989	-	-	-	2911	-
		Harvested	Acre	41341	360097	1989	-	-	-	2911	-
		Production	Ton	14663	114348	634	-	-	-	930	-

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Pulses							
				Matpe (Black-gram)	Pedisein (Green-gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Peyi (Lablab bean)
Shan State	2015-2016	Sown	Acre	232	4622	-	-	-	13831	822	4404
		Harvested	Acre	232	4622	-	-	-	13831	822	4404
		Production	Ton	61	1573	-	-	-	3053	246	1855
	2016-2017	Sown	Acre	148	4673	-	-	-	14840	833	4592
		Harvested	Acre	148	4673	-	-	-	14840	833	4592
		Production	Ton	42	1609	-	-	-	3361	249	1924
	2017-2018	Sown	Acre	310	4662	-	-	-	15264	830	4538
		Harvested	Acre	310	4662	-	-	-	15264	830	4538
		Production	Ton	129	1603	-	-	-	3434	249	1916
	2018 (Apr-Sep)	Sown	Acre	-	494	-	-	-	13609	405	1815
		Harvested	Acre	-	442	-	-	-	12265	405	1142
		Production	Ton	-	111	-	-	-	2565	109	493
	2018-2019 *	Sown	Acre	360	5290	-	-	-	15908	487	4765
		Harvested	Acre	360	5290	-	-	-	15908	487	4765
		Production	Ton	148	1778	-	-	-	3553	128	1999
Ayeyawady Region	2015-2016	Sown	Acre	1147174	186560	168246	4554	-	2135	-	11216
		Harvested	Acre	1147143	186553	168246	4554	-	2135	-	11216
		Production	Ton	430939	73861	60061	2446	-	710	-	5173
	2016-2017	Sown	Acre	1150552	205833	164507	4539	-	2035	-	10495
		Harvested	Acre	1150552	205833	164507	4539	-	2035	-	10495
		Production	Ton	405922	78680	56841	2429	-	676	-	4866
	2017-2018	Sown	Acre	1029194	238469	185968	4535	-	2062	-	10014
		Harvested	Acre	1029194	238464	185968	4535	-	2062	-	10014
		Production	Ton	360885	89502	64096	2434	-	699	-	4662
	2018 (Apr-Sep)	Sown	Acre	-	169	-	-	-	-	-	-
		Harvested	Acre	-	115	-	-	-	-	-	-
		Production	Ton	-	33	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	960037	270971	174419	4507	-	2059	-	9937
		Harvested	Acre	960037	270971	174419	4507	-	2059	-	9937
		Production	Ton	346059	99701	59907	2425	-	704	-	4637
Nay Pyi Taw	2015-2016	Sown	Acre	82441	71603	-	673	-	-	-	16290
		Harvested	Acre	82441	71603	-	673	-	-	-	16290
		Production	Ton	35539	26742	-	200	-	-	-	7656
	2016-2017	Sown	Acre	86355	71312	-	680	-	-	-	15958
		Harvested	Acre	86098	71245	-	680	-	-	-	15819
		Production	Ton	35679	20985	-	204	-	-	-	7533
	2017-2018	Sown	Acre	54101	73028	-	731	-	-	-	15642
		Harvested	Acre	54066	73028	-	731	-	-	-	15618
		Production	Ton	21296	22318	-	218	-	-	-	7434
	2018 (Apr-Sep)	Sown	Acre	-	63284	-	-	-	-	-	-
		Harvested	Acre	-	63284	-	-	-	-	-	-
		Production	Ton	-	20874	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	52452	70846	-	867	-	-	-	15728
		Harvested	Acre	52452	70846	-	867	-	-	-	15728
		Production	Ton	20427	23151	-	259	-	-	-	7675

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	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)	Other Pulses
Kachin State	2015-2016	Sown	Acre	-	-	133	-	147	465	6969	-	11401	39555
		Harvested	Acre	-	-	133	-	147	465	6969	-	11401	39555
		Production	Ton	-	-	38	-	31	143	1708	-	4721	18578
	2016-2017	Sown	Acre	-	-	100	-	147	403	6289	-	11677	37802
		Harvested	Acre	-	-	100	-	147	403	6289	-	11677	37802
		Production	Ton	-	-	28	-	31	127	1566	-	4791	17508
	2017-2018	Sown	Acre	-	-	130	-	147	369	7004	-	11922	39110
		Harvested	Acre	-	-	130	-	147	369	7004	-	11922	39110
		Production	Ton	-	-	37	-	31	117	1777	-	4908	18152
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	341	-	-	2390	6481
		Harvested	Acre	-	-	-	-	-	-	-	-	-	3464
		Production	Ton	-	-	-	-	-	-	-	-	-	1295
	2018-2019 *	Sown	Acre	-	-	58	-	84	341	6690	-	14650	37493
		Harvested	Acre	-	-	58	-	84	341	6690	-	14650	37493
		Production	Ton	-	-	16	-	17	109	1692	-	6040	17408
Kayah State	2015-2016	Sown	Acre	3055	-	-	-	3043	13937	300	434	7649	16851
		Harvested	Acre	3055	-	-	-	3043	13937	300	434	7619	16851
		Production	Ton	1064	-	-	-	785	3971	135	139	2311	4592
	2016-2017	Sown	Acre	2903	-	-	-	2718	10389	300	348	5713	13279
		Harvested	Acre	2903	-	-	-	2718	10389	300	348	5713	13279
		Production	Ton	1017	-	-	-	701	2974	137	111	1701	3562
	2017-2018	Sown	Acre	2034	-	-	-	1936	13327	250	361	1774	11511
		Harvested	Acre	2034	-	-	-	1936	13327	250	361	1774	11511
		Production	Ton	727	-	-	-	503	3866	114	113	509	3152
	2018 (Apr-Sep)	Sown	Acre	2084	-	-	-	1674	12103	-	-	864	7676
		Harvested	Acre	289	-	-	-	821	-	-	-	556	4321
		Production	Ton	101	-	-	-	223	-	-	-	154	1224
	2018-2019 *	Sown	Acre	2084	-	-	-	2091	12103	250	358	1756	11992
		Harvested	Acre	2084	-	-	-	2091	12103	250	358	1756	11992
		Production	Ton	749	-	-	-	564	3518	114	115	509	3345
Kayin State	2015-2016	Sown	Acre	514	-	-	-	27612	510	-	-	9745	193
		Harvested	Acre	514	-	-	-	27612	510	-	-	9745	164
		Production	Ton	211	-	-	-	9060	145	-	-	3404	56
	2016-2017	Sown	Acre	534	-	-	-	27560	499	-	-	9730	223
		Harvested	Acre	534	-	-	-	27560	499	-	-	9730	205
		Production	Ton	223	-	-	-	8976	144	-	-	3446	61
	2017-2018	Sown	Acre	532	-	-	-	28170	493	-	-	9915	150
		Harvested	Acre	532	-	-	-	28170	493	-	-	9915	150
		Production	Ton	226	-	-	-	9304	144	-	-	3581	51
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	493	-	-	-	80
		Harvested	Acre	-	-	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	528	-	-	-	32356	493	-	-	11355	173
		Harvested	Acre	528	-	-	-	32356	493	-	-	11355	173
		Production	Ton	225	-	-	-	10866	145	-	-	4103	56

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	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)	Other Pulses
Chin State	2015-2016	Sown	Acre	-	-	-	250	2523	842	1373	-	1316	8269
		Harvested	Acre	-	-	-	250	2523	842	1373	-	1316	8269
		Production	Ton	-	-	-	68	479	303	260	-	243	2106
	2016-2017	Sown	Acre	-	-	-	254	2379	683	1273	-	1174	7644
		Harvested	Acre	-	-	-	254	2379	683	1273	-	1174	7644
		Production	Ton	-	-	-	46	450	259	245	-	217	1931
	2017-2018	Sown	Acre	-	-	-	246	2142	2974	1339	-	1054	6857
		Harvested	Acre	-	-	-	246	2142	2972	1339	-	1054	6857
		Production	Ton	-	-	-	44	398	1118	258	-	190	1684
	2018 (Apr-Sep)	Sown	Acre	-	-	-	206	1988	723	-	-	921	5454
		Harvested	Acre	-	-	-	180	-	-	-	-	34	1050
		Production	Ton	-	-	-	32	-	-	-	-	6	210
2018-2019 *	Sown	Acre	-	-	-	206	1988	723	1280	250	921	6029	
	Harvested	Acre	-	-	-	206	1988	723	1280	250	921	6029	
	Production	Ton	-	-	-	37	371	253	248	58	168	1483	
Sagaing Region	2015-2016	Sown	Acre	8246	2589	16816	42881	55798	587307	60294	430342	40892	260591
		Harvested	Acre	8246	2589	16816	42881	55788	585054	60294	430342	40892	260545
		Production	Ton	4693	611	4599	23164	20465	245122	23643	306892	15057	115652
	2016-2017	Sown	Acre	8371	1944	16847	41626	57520	606763	59240	426914	38641	255792
		Harvested	Acre	8371	1944	16847	41626	57520	606445	59240	426913	38641	254089
		Production	Ton	4782	501	4636	22565	21445	258702	23430	304700	14344	120017
	2017-2018	Sown	Acre	8482	1536	16454	39943	54413	604266	58225	471178	38777	264044
		Harvested	Acre	8482	1536	16454	39943	54413	604155	58225	467133	38777	264035
		Production	Ton	4880	351	4422	21356	20488	245522	21681	311364	14464	121078
	2018 (Apr-Sep)	Sown	Acre	-	-	-	10533	12964	469891	-	-	2014	22531
		Harvested	Acre	-	-	-	290	-	-	-	-	144	4306
		Production	Ton	-	-	-	156	-	-	-	-	45	1569
2018-2019 *	Sown	Acre	8574	1411	16771	40709	54198	469891	55566	468663	42734	266018	
	Harvested	Acre	8574	1411	16771	40708	54198	469890	55566	468658	42734	266018	
	Production	Ton	4982	349	4498	22051	20437	189928	22068	312991	15956	124559	
Taninthayi Region	2015-2016	Sown	Acre	-	-	-	-	74	52	-	-	-	188
		Harvested	Acre	-	-	-	-	74	52	-	-	-	188
		Production	Ton	-	-	-	-	14	6	-	-	-	26
	2016-2017	Sown	Acre	-	-	-	-	210	57	-	-	-	173
		Harvested	Acre	-	-	-	-	210	57	-	-	-	173
		Production	Ton	-	-	-	-	42	6	-	-	-	24
	2017-2018	Sown	Acre	-	-	-	-	179	57	-	-	-	184
		Harvested	Acre	-	-	-	-	179	57	-	-	-	184
		Production	Ton	-	-	-	-	40	6	-	-	-	25
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	57	-	-	-	98
		Harvested	Acre	-	-	-	-	-	-	-	-	-	95
		Production	Ton	-	-	-	-	-	-	-	-	-	12
2018-2019 *	Sown	Acre	-	-	-	-	113	57	-	-	5	178	
	Harvested	Acre	-	-	-	-	113	57	-	-	5	178	
	Production	Ton	-	-	-	-	25	7	-	-	0	26	





**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	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)	Other Pulses
Mon State	2015-2016	Sown	Acre	-	-	-	1093	14244	-	-	-	1535	-
		Harvested	Acre	-	-	-	1093	14244	-	-	-	1535	-
		Production	Ton	-	-	-	456	5525	-	-	-	498	-
	2016-2017	Sown	Acre	-	-	-	1095	9952	-	-	-	1278	-
		Harvested	Acre	-	-	-	1095	9952	-	-	-	1278	-
		Production	Ton	-	-	-	455	3593	-	-	-	427	-
	2017-2018	Sown	Acre	-	-	-	1100	9750	-	-	-	1180	-
		Harvested	Acre	-	-	-	1100	9750	-	-	-	1180	-
		Production	Ton	-	-	-	458	3600	-	-	-	392	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	-	-	-	-	-
		Harvested	Acre	-	-	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	-	-	-	660	9200	-	-	-	659	-
		Harvested	Acre	-	-	-	660	9200	-	-	-	659	-
		Production	Ton	-	-	-	274	3436	-	-	-	237	-
Rakhine State	2015-2016	Sown	Acre	-	-	-	-	1407	1461	-	6	-	7631
		Harvested	Acre	-	-	-	-	1407	1461	-	6	-	7631
		Production	Ton	-	-	-	-	397	283	-	2	-	2395
	2016-2017	Sown	Acre	-	-	-	-	645	1295	-	6	-	8460
		Harvested	Acre	-	-	-	-	645	1295	-	6	-	8460
		Production	Ton	-	-	-	-	188	256	-	2	-	2675
	2017-2018	Sown	Acre	-	-	-	-	407	1251	-	6	-	4197
		Harvested	Acre	-	-	-	-	407	1251	-	6	-	4197
		Production	Ton	-	-	-	-	118	243	-	2	-	1294
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	899	-	-	-	712
		Harvested	Acre	-	-	-	-	-	-	-	-	-	364
		Production	Ton	-	-	-	-	-	-	-	-	-	83
	2018-2019 *	Sown	Acre	-	-	-	-	382	899	-	6	-	3930
		Harvested	Acre	-	-	-	-	382	899	-	6	-	3930
		Production	Ton	-	-	-	-	113	183	-	2	-	1197
Yangon Region	2015-2016	Sown	Acre	-	-	-	-	3855	-	-	-	8	859
		Harvested	Acre	-	-	-	-	3855	-	-	-	8	859
		Production	Ton	-	-	-	-	1157	-	-	-	2	260
	2016-2017	Sown	Acre	-	-	-	-	3410	-	-	-	12	873
		Harvested	Acre	-	-	-	-	3410	-	-	-	12	861
		Production	Ton	-	-	-	-	1034	-	-	-	5	261
	2017-2018	Sown	Acre	-	-	-	-	4568	-	-	-	18	1034
		Harvested	Acre	-	-	-	-	4568	-	-	-	18	1034
		Production	Ton	-	-	-	-	1412	-	-	-	8	312
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	-	-	-	-	-
		Harvested	Acre	-	-	-	-	-	-	-	-	-	-
		Production	Ton	-	-	-	-	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	-	-	-	-	4332	-	-	-	247	887
		Harvested	Acre	-	-	-	-	4332	-	-	-	247	887
		Production	Ton	-	-	-	-	1350	-	-	-	87	273

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	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)	Other Pulses
Shan State	2015-2016	Sown	Acre	-	1658	183	220	2555	68120	23626	1625	192090	97222
		Harvested	Acre	-	1658	183	220	2555	68120	23626	1625	191685	97222
		Production	Ton	-	467	56	132	642	25241	7564	752	83411	27516
	2016-2017	Sown	Acre	-	1667	183	230	3164	71628	23045	1547	189326	101179
		Harvested	Acre	-	1667	183	230	3164	71628	23045	1547	188922	101165
		Production	Ton	-	470	55	138	763	26435	7246	707	82384	28756
	2017-2018	Sown	Acre	-	1582	183	185	3145	74327	22682	1474	185729	99377
		Harvested	Acre	-	1582	183	185	3145	74327	22682	1474	185580	99375
		Production	Ton	-	445	56	111	791	27487	7165	671	80121	27875
	2018 (Apr-Sep)	Sown	Acre	-	-	58	-	3069	68463	-	-	109525	49887
		Harvested	Acre	-	-	58	-	2706	-	-	-	81820	47581
		Production	Ton	-	-	18	-	682	-	-	-	33259	12795
	2018-2019 *	Sown	Acre	-	1398	241	142	3125	68463	22115	1586	181704	97338
		Harvested	Acre	-	1398	241	142	3125	68463	22115	1586	181305	97338
		Production	Ton	-	395	75	85	785	25219	7150	693	77661	27500
Ayeyawady Region	2015-2016	Sown	Acre	-	-	6745	9020	73182	4322	5784	5010	40051	39107
		Harvested	Acre	-	-	6745	9020	73042	4322	5784	5010	40051	39107
		Production	Ton	-	-	2417	4767	31453	1400	2045	2420	21583	15558
	2016-2017	Sown	Acre	-	-	6172	9023	73216	4304	5027	6485	37271	37862
		Harvested	Acre	-	-	6172	9023	73216	4304	5027	6485	37271	37862
		Production	Ton	-	-	2196	4812	30864	1427	1781	3008	20187	14815
	2017-2018	Sown	Acre	-	-	6296	8969	80620	4175	7166	8142	38927	41298
		Harvested	Acre	-	-	6296	8969	80620	4175	7166	8142	38927	41298
		Production	Ton	-	-	2230	4769	34207	1421	2478	3730	20690	15804
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	4046	-	-	293	-
		Harvested	Acre	-	-	-	-	-	52	-	-	-	-
		Production	Ton	-	-	-	-	-	15	-	-	-	-
	2018-2019 *	Sown	Acre	-	-	6275	8459	78788	4046	6469	5489	38028	38702
		Harvested	Acre	-	-	6275	8459	78788	4046	6469	5489	38028	38646
		Production	Ton	-	-	2238	4586	33370	1382	2243	2641	20199	14766
Nay Pyi Taw	2015-2016	Sown	Acre	-	-	-	-	313	819	-	3163	572	748
		Harvested	Acre	-	-	-	-	313	819	-	3163	572	748
		Production	Ton	-	-	-	-	68	263	-	1833	119	234
	2016-2017	Sown	Acre	-	-	-	-	379	947	-	2071	551	1209
		Harvested	Acre	-	-	-	-	379	939	-	2071	551	1188
		Production	Ton	-	-	-	-	83	299	-	1112	116	368
	2017-2018	Sown	Acre	-	-	-	-	274	1088	-	2417	512	1548
		Harvested	Acre	-	-	-	-	274	1088	-	2406	512	1548
		Production	Ton	-	-	-	-	60	342	-	1237	108	487
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	949	-	-	-	99
		Harvested	Acre	-	-	-	-	-	-	-	-	-	99
		Production	Ton	-	-	-	-	-	-	-	-	-	32
	2018-2019 *	Sown	Acre	-	-	-	-	325	949	-	1989	819	1525
		Harvested	Acre	-	-	-	-	325	949	-	1989	819	1525
		Production	Ton	-	-	-	-	73	302	-	955	180	522

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Spices and condiments			Tobacco and Betel			
				Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
Kachin State	2015-2016	Sown	Acre	-	1328	3126	-	215	975	-
		Harvested	Acre	-	1328	3126	-	215	616	-
		Production	Ton	-	4997	7944	-	172	676	-
	2016-2017	Sown	Acre	-	1292	2996	-	172	975	-
		Harvested	Acre	-	1292	2996	-	172	612	-
		Production	Ton	-	4868	7623	-	136	694	-
	2017-2018	Sown	Acre	-	1350	3032	-	155	975	-
		Harvested	Acre	-	1350	3032	-	155	617	-
		Production	Ton	-	5083	7726	-	125	700	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	1022	-
		Harvested	Acre	-	-	-	-	-	166	-
		Production	Ton	-	-	-	-	-	174	-
	2018-2019 *	Sown	Acre	-	1352	3052	-	167	1022	-
		Harvested	Acre	-	1352	3052	-	167	689	-
		Production	Ton	-	5079	7804	-	127	767	-
Kayah State	2015-2016	Sown	Acre	4936	2584	3223	-	225	139	248
		Harvested	Acre	4936	2584	3223	-	225	118	248
		Production	Ton	1167	6156	7625	-	48	80	1252
	2016-2017	Sown	Acre	4280	2222	2964	-	210	139	248
		Harvested	Acre	4280	2222	2964	-	210	118	248
		Production	Ton	1050	5305	7021	-	45	80	1253
	2017-2018	Sown	Acre	2954	2088	2738	-	220	125	148
		Harvested	Acre	2954	2088	2738	-	220	103	148
		Production	Ton	703	4994	6489	-	48	68	745
	2018 (Apr-Sep)	Sown	Acre	2072	-	-	90	-	125	181
		Harvested	Acre	1207	-	-	-	-	46	131
		Production	Ton	269	-	-	-	-	31	655
	2018-2019 *	Sown	Acre	2770	2018	2679	90	225	125	181
		Harvested	Acre	2770	2018	2679	90	225	107	181
		Production	Ton	719	4746	6371	71	50	72	910
Kayin State	2015-2016	Sown	Acre	2807	34	5	-	2466	24815	881
		Harvested	Acre	2807	34	5	-	2466	16479	881
		Production	Ton	901	81	5	-	1425	16800	5744
	2016-2017	Sown	Acre	2851	18	5	-	2459	24829	910
		Harvested	Acre	2851	18	5	-	2459	20864	910
		Production	Ton	917	47	5	-	1426	21269	5948
	2017-2018	Sown	Acre	2861	5	-	-	2467	24829	922
		Harvested	Acre	2861	5	-	-	2467	23940	912
		Production	Ton	919	12	-	-	1437	24461	5997
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	24957	919
		Harvested	Acre	-	-	-	-	-	2361	919
		Production	Ton	-	-	-	-	-	2491	3859
	2018-2019 *	Sown	Acre	2877	5	-	-	2516	24957	919
		Harvested	Acre	2877	5	-	-	2516	23940	919
		Production	Ton	926	12	-	-	1464	24774	6791

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Spices and condiments			Tobacco and Betel			
				Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
Chin State	2015-2016	Sown	Acre	2532	1651	1358	-	1774	14	-
		Harvested	Acre	2532	1651	1358	-	1774	14	-
		Production	Ton	421	3406	2031	-	783	4	-
	2016-2017	Sown	Acre	2481	1666	1326	-	1637	14	-
		Harvested	Acre	2481	1666	1326	-	1637	14	-
		Production	Ton	411	3440	1976	-	737	4	-
	2017-2018	Sown	Acre	2440	1578	1295	-	1894	14	-
		Harvested	Acre	2440	1578	1295	-	1894	14	-
		Production	Ton	404	3246	1924	-	859	4	-
	2018 (Apr-Sep)	Sown	Acre	2314	226	-	-	1597	14	-
		Harvested	Acre	357	-	-	-	-	-	-
		Production	Ton	54	-	-	-	-	-	-
	2018-2019 *	Sown	Acre	2314	1336	1327	-	2240	14	-
		Harvested	Acre	2314	1336	1327	-	2240	14	-
		Production	Ton	386	2504	1946	-	955	4	-
Sagaing Region	2015-2016	Sown	Acre	5557	37711	10554	165	1523	1378	4370
		Harvested	Acre	5557	37711	10554	165	1523	1350	4033
		Production	Ton	2704	270497	44570	137	1254	780	35634
	2016-2017	Sown	Acre	5449	41085	11243	66	1389	1478	4853
		Harvested	Acre	5449	41085	11243	66	1389	1464	4733
		Production	Ton	2698	296159	48281	56	1246	853	41152
	2017-2018	Sown	Acre	4065	45245	11601	32	1301	1499	5224
		Harvested	Acre	4065	45199	11601	32	1291	1451	5217
		Production	Ton	2016	324799	50827	27	1073	805	40621
	2018 (Apr-Sep)	Sown	Acre	611	2210	-	-	-	1521	6293
		Harvested	Acre	44	349	-	-	-	1381	5187
		Production	Ton	17	1308	-	-	-	764	54099
	2018-2019 *	Sown	Acre	4345	44834	12033	-	1340	1521	6307
		Harvested	Acre	4345	44834	12033	-	1340	1466	6293
		Production	Ton	2140	321681	52543	-	1114	812	63210
Taninthayi Region	2015-2016	Sown	Acre	-	-	-	-	-	120373	1357
		Harvested	Acre	-	-	-	-	-	76773	1357
		Production	Ton	-	-	-	-	-	60707	3261
	2016-2017	Sown	Acre	-	-	-	-	-	124731	1372
		Harvested	Acre	-	-	-	-	-	77633	1372
		Production	Ton	-	-	-	-	-	62352	3477
	2017-2018	Sown	Acre	-	-	-	-	-	130678	1387
		Harvested	Acre	-	-	-	-	-	78321	1387
		Production	Ton	-	-	-	-	-	63802	3559
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	132842	1410
		Harvested	Acre	-	-	-	-	-	43132	1398
		Production	Ton	-	-	-	-	-	20046	2870
	2018-2019 *	Sown	Acre	-	-	-	-	-	132842	1410
		Harvested	Acre	-	-	-	-	-	85062	1410
		Production	Ton	-	-	-	-	-	75949	5108

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Spices and condiments			Tobacco and Betel			
				Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
Bago Region	2015-2016	Sown	Acre	5297	2105	31	68	2108	2567	2446
		Harvested	Acre	5297	2105	31	68	2108	2562	2446
		Production	Ton	3008	13083	31	46	1402	2675	16871
	2016-2017	Sown	Acre	5481	2044	31	10	1785	2567	2446
		Harvested	Acre	5481	2044	31	10	1785	2562	2446
		Production	Ton	3076	12735	32	7	1185	2705	17004
	2017-2018	Sown	Acre	5465	2011	31	40	2363	2567	2388
		Harvested	Acre	5465	2011	31	40	2363	2562	2388
		Production	Ton	3079	11808	32	27	1579	2684	16438
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	2567	2535
		Harvested	Acre	-	-	-	-	-	713	1791
		Production	Ton	-	-	-	-	-	688	12492
	2018-2019 *	Sown	Acre	6007	1968	32	-	2512	2567	2535
		Harvested	Acre	6007	1968	32	-	2512	2562	2535
		Production	Ton	3528	12443	33	-	1679	2692	17507
Magway Region	2015-2016	Sown	Acre	26393	49264	3751	3977	3677	-	641
		Harvested	Acre	26393	49264	3751	3977	3677	-	641
		Production	Ton	13294	479308	11675	2166	4172	-	4881
	2016-2017	Sown	Acre	26392	42109	3570	3856	3643	-	641
		Harvested	Acre	26392	42109	3570	3856	3643	-	641
		Production	Ton	13200	407578	11151	2161	4138	-	5335
	2017-2018	Sown	Acre	25825	34603	2860	2642	2787	-	642
		Harvested	Acre	25825	33690	2860	2642	2787	-	642
		Production	Ton	11995	260955	7976	1804	3223	-	4897
	2018 (Apr-Sep)	Sown	Acre	14276	-	-	-	-	-	647
		Harvested	Acre	3200	-	-	-	-	-	550
		Production	Ton	566	-	-	-	-	-	4179
	2018-2019 *	Sown	Acre	23795	33920	2752	1099	2356	-	647
		Harvested	Acre	23795	33920	2752	1099	2356	-	643
		Production	Ton	11128	262016	7647	1152	2807	-	4873
Mandalay Region	2015-2016	Sown	Acre	106347	78837	2512	1245	13914	1770	3362
		Harvested	Acre	106347	78837	2512	1245	13914	1770	3362
		Production	Ton	39524	417489	5383	703	12258	1140	28389
	2016-2017	Sown	Acre	112796	66265	2357	546	13592	1770	3171
		Harvested	Acre	110380	66258	2357	546	13592	1770	3154
		Production	Ton	44254	343784	5106	413	12043	1141	26423
	2017-2018	Sown	Acre	116996	72133	2334	524	15766	1770	3087
		Harvested	Acre	116404	71960	2334	524	15766	1770	3087
		Production	Ton	49454	353942	5063	397	13389	1065	26065
	2018 (Apr-Sep)	Sown	Acre	107689	6691	-	-	-	1770	3162
		Harvested	Acre	32259	-	-	-	-	700	2193
		Production	Ton	18074	-	-	-	-	422	16177
	2018-2019 *	Sown	Acre	116451	75065	2466	575	14930	1770	3165
		Harvested	Acre	116206	75063	2466	575	14930	1770	3160
		Production	Ton	48342	365754	5319	787	13265	1065	25096

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Spices and condiments			Tobacco and Betel			
				Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
Mon State	2015-2016	Sown	Acre	2628	-	-	-	122	56006	3393
		Harvested	Acre	2628	-	-	-	122	49704	2993
		Production	Ton	2405	-	-	-	35	76111	19485
	2016-2017	Sown	Acre	2469	-	-	-	60	56006	3027
		Harvested	Acre	2469	-	-	-	60	49917	3027
		Production	Ton	2228	-	-	-	16	78753	17886
	2017-2018	Sown	Acre	2312	-	-	-	60	56229	3043
		Harvested	Acre	2312	-	-	-	60	50013	3043
		Production	Ton	2067	-	-	-	16	79275	17800
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	60	56261	3054
		Harvested	Acre	-	-	-	-	-	38481	2998
		Production	Ton	-	-	-	-	-	54733	14170
	2018-2019 *	Sown	Acre	2389	-	-	-	60	56261	3054
		Harvested	Acre	2389	-	-	-	60	50014	3054
		Production	Ton	2148	-	-	-	16	87524	19657
Rakhine State	2015-2016	Sown	Acre	34394	1752	760	-	4526	6785	1228
		Harvested	Acre	34394	1752	760	-	4526	6548	1228
		Production	Ton	15420	6583	996	-	2027	10135	7491
	2016-2017	Sown	Acre	34333	1775	803	-	4502	6788	1236
		Harvested	Acre	34333	1775	803	-	4502	6561	1236
		Production	Ton	15462	6705	1054	-	1959	10030	7511
	2017-2018	Sown	Acre	28127	834	251	-	3722	6801	1270
		Harvested	Acre	28127	834	251	-	3722	6544	1270
		Production	Ton	13119	3089	331	-	1703	10621	6121
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	6659	1097
		Harvested	Acre	-	-	-	-	-	1754	905
		Production	Ton	-	-	-	-	-	1323	2627
	2018-2019 *	Sown	Acre	25802	768	212	-	3586	6659	1121
		Harvested	Acre	25802	768	212	-	3586	6437	1121
		Production	Ton	12224	2848	283	-	1117	10745	5598
Yangon Region	2015-2016	Sown	Acre	978	-	-	-	-	605	2450
		Harvested	Acre	978	-	-	-	-	605	2450
		Production	Ton	767	-	-	-	-	464	20707
	2016-2017	Sown	Acre	979	-	-	-	-	605	2447
		Harvested	Acre	979	-	-	-	-	605	2447
		Production	Ton	474	-	-	-	-	464	20541
	2017-2018	Sown	Acre	566	-	-	-	-	605	2487
		Harvested	Acre	566	-	-	-	-	605	2487
		Production	Ton	308	-	-	-	-	464	20824
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	605	2011
		Harvested	Acre	-	-	-	-	-	230	1025
		Production	Ton	-	-	-	-	-	136	3768
	2018-2019 *	Sown	Acre	338	-	-	-	-	605	2355
		Harvested	Acre	338	-	-	-	-	605	2355
		Production	Ton	217	-	-	-	-	458	20018

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Spices and condiments			Tobacco and Betel			
				Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
Shan State	2015-2016	Sown	Acre	7989	10988	44285	903	1432	135	590
		Harvested	Acre	7989	10988	44285	903	1432	122	590
		Production	Ton	3175	26951	128812	492	738	72	3689
	2016-2017	Sown	Acre	7755	11419	45558	842	1214	135	590
		Harvested	Acre	7755	11419	45558	842	1214	122	590
		Production	Ton	3051	27632	130606	435	598	71	3689
	2017-2018	Sown	Acre	7873	11263	44269	917	850	135	590
		Harvested	Acre	7873	11263	44234	917	850	122	590
		Production	Ton	3135	27224	123292	456	410	71	3690
	2018 (Apr-Sep)	Sown	Acre	4537	353	-	-	-	135	590
		Harvested	Acre	4425	353	-	-	-	95	571
		Production	Ton	1552	692	-	-	-	50	3573
	2018-2019 *	Sown	Acre	7476	10997	43559	889	676	135	590
		Harvested	Acre	7476	10997	43559	889	676	122	590
		Production	Ton	2920	26489	121475	448	336	71	3690
Ayeyawady Region	2015-2016	Sown	Acre	66704	1754	-	-	917	21862	10390
		Harvested	Acre	66663	1754	-	-	917	17069	10390
		Production	Ton	42183	8069	-	-	778	27564	120277
	2016-2017	Sown	Acre	64628	1644	-	-	874	21862	10399
		Harvested	Acre	64628	1644	-	-	874	17097	10373
		Production	Ton	40915	7535	-	-	751	19949	116432
	2017-2018	Sown	Acre	66519	1620	-	-	901	21862	10416
		Harvested	Acre	66519	1620	-	-	901	17101	9904
		Production	Ton	41745	7447	-	-	779	20002	116381
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	-	21862	10406
		Harvested	Acre	-	-	-	-	-	15613	8182
		Production	Ton	-	-	-	-	-	12215	70917
	2018-2019 *	Sown	Acre	66119	1353	-	-	903	21862	10517
		Harvested	Acre	66119	1353	-	-	903	17103	10517
		Production	Ton	41544	6371	-	-	786	21098	132719
Nay Pyi Taw	2015-2016	Sown	Acre	5013	1449	21	-	-	-	2971
		Harvested	Acre	5013	1449	21	-	-	-	2971
		Production	Ton	1823	7849	59	-	-	-	9532
	2016-2017	Sown	Acre	4474	1348	21	-	-	2	2971
		Harvested	Acre	4463	1348	21	-	-	-	2971
		Production	Ton	1632	7333	61	-	-	-	9768
	2017-2018	Sown	Acre	4486	830	8	-	-	2	2971
		Harvested	Acre	4486	830	8	-	-	-	2971
		Production	Ton	1648	4447	23	-	-	-	9551
	2018 (Apr-Sep)	Sown	Acre	5003	-	-	-	-	2	2971
		Harvested	Acre	5003	-	-	-	-	-	2968
		Production	Ton	1851	-	-	-	-	-	9540
	2018-2019 *	Sown	Acre	5003	807	4	-	-	2	2971
		Harvested	Acre	5003	807	4	-	-	-	2971
		Production	Ton	1851	4267	11	-	-	-	9552

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Beverage				Vegetables and Fruits			
				Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
Kachin State	2015-2016	Sown	Acre	3525	1680	3413	-	4894	34072	60545	70330
		Harvested	Acre	2673	1399	3413	-	4894	18794	60545	50074
		Production	Ton	2116	304	91482	-	21514	15069	-	-
	2016-2017	Sown	Acre	3525	1680	3230	-	4842	40358	60753	70355
		Harvested	Acre	2693	1494	3230	-	4841	18889	60753	48787
		Production	Ton	2344	323	89156	-	21326	14879	-	-
	2017-2018	Sown	Acre	3526	1680	3342	-	4769	60142	56208	70623
		Harvested	Acre	2838	1490	3342	-	4769	35241	56208	51203
		Production	Ton	2256	325	92344	-	20898	27595	-	-
	2018 (Apr-Sep)	Sown	Acre	3316	1357	3337	-	195	77103	16313	70601
		Harvested	Acre	743	-	-	-	18	7860	12533	25248
		Production	Ton	595	-	-	-	50	5997	-	-
	2018-2019 *	Sown	Acre	3316	1357	3337	-	4749	77103	56149	72772
		Harvested	Acre	2953	1230	3337	-	4749	63721	56149	49292
		Production	Ton	2377	268	92078	-	20893	50138	-	-
Kayah State	2015-2016	Sown	Acre	52	1738	-	-	1329	2147	30042	1969
		Harvested	Acre	13	919	-	-	1329	2147	30025	1865
		Production	Ton	3	208	-	-	3975	1318	-	-
	2016-2017	Sown	Acre	52	1740	-	-	1123	2323	26973	1969
		Harvested	Acre	12	919	-	-	1123	2323	26973	1951
		Production	Ton	3	212	-	-	3353	1424	-	-
	2017-2018	Sown	Acre	53	736	-	-	554	2060	20604	2003
		Harvested	Acre	12	583	-	-	554	2060	20604	1877
		Production	Ton	3	126	-	-	1648	1261	-	-
	2018 (Apr-Sep)	Sown	Acre	53	743	-	-	40	2061	13066	2048
		Harvested	Acre	7	-	-	-	40	1806	10958	1664
		Production	Ton	2	-	-	-	118	1103	-	-
	2018-2019 *	Sown	Acre	53	743	-	-	641	2061	20549	2048
		Harvested	Acre	13	615	-	-	641	2061	20546	1914
		Production	Ton	3	132	-	-	1886	1267	-	-
Kayin State	2015-2016	Sown	Acre	1138	9812	8189	298	-	13299	27974	116272
		Harvested	Acre	877	5705	8156	297	-	13202	27974	45207
		Production	Ton	361	1736	197508	1259	-	19493	-	-
	2016-2017	Sown	Acre	1138	9812	8145	298	-	13339	28225	116425
		Harvested	Acre	877	6667	8145	297	-	13299	28225	49631
		Production	Ton	300	1845	195374	1259	-	20683	-	-
	2017-2018	Sown	Acre	1138	9867	6233	298	-	13361	29732	116562
		Harvested	Acre	877	7083	6233	297	-	13340	29732	80538
		Production	Ton	300	1960	151865	1259	-	20695	-	-
	2018 (Apr-Sep)	Sown	Acre	1195	9986	6233	-	-	13361	10176	116563
		Harvested	Acre	894	-	-	-	-	13361	8582	26827
		Production	Ton	225	-	-	-	-	17518	-	-
	2018-2019 *	Sown	Acre	1195	9986	6233	298	-	13361	30856	116563
		Harvested	Acre	894	7547	6103	297	-	13361	30856	94652
		Production	Ton	307	2090	147990	1259	-	22457	-	-

Note : Only for plantain production in thousand bunch.



**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Beverage				Vegetables and Fruits			
				Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
Chin State	2015-2016	Sown	Acre	1957	568	551	-	3945	3455	21641	12363
		Harvested	Acre	1522	477	550	-	3932	3132	21641	7043
		Production	Ton	499	88	5349	-	8009	1392	-	-
	2016-2017	Sown	Acre	1439	562	486	-	3849	3502	19375	12497
		Harvested	Acre	1265	479	486	-	3849	3466	19375	7914
		Production	Ton	458	89	4656	-	7532	1583	-	-
	2017-2018	Sown	Acre	1442	568	457	-	3383	3555	18747	13211
		Harvested	Acre	1397	508	457	-	3383	3474	18746	7957
		Production	Ton	461	93	4321	-	6628	1583	-	-
	2018 (Apr-Sep)	Sown	Acre	1452	700	382	-	3032	3584	9877	13811
		Harvested	Acre	978	-	-	-	2915	1548	7097	4962
		Production	Ton	336	-	-	-	5614	711	-	-
	2018-2019 *	Sown	Acre	1452	700	382	-	3398	3584	17940	13811
		Harvested	Acre	1397	508	382	-	3398	3507	17940	7839
		Production	Ton	458	93	3646	-	6573	1575	-	-
Sagaing Region	2015-2016	Sown	Acre	9216	572	168568	20168	7681	21131	270103	99285
		Harvested	Acre	9001	508	168568	20168	7681	20524	270101	99132
		Production	Ton	5573	161	4216248	103320	56863	20208	-	-
	2016-2017	Sown	Acre	11191	586	178135	20168	7923	22153	279050	100012
		Harvested	Acre	11191	586	178135	20168	7923	21724	278987	98038
		Production	Ton	7120	185	4619274	103320	58848	21809	-	-
	2017-2018	Sown	Acre	11192	586	159930	18857	7642	22409	269606	100241
		Harvested	Acre	11119	534	159665	18857	7642	22353	269148	98485
		Production	Ton	7122	169	4104125	86358	57158	21908	-	-
	2018 (Apr-Sep)	Sown	Acre	11333	596	160683	-	641	22751	126443	100388
		Harvested	Acre	10669	376	-	-	641	22040	76663	74922
		Production	Ton	6869	121	-	-	3873	20911	-	-
	2018-2019 *	Sown	Acre	11333	596	160683	18289	7481	22751	291118	100388
		Harvested	Acre	11127	542	160683	18211	7481	22641	291116	100376
		Production	Ton	7147	171	4140620	816313	57574	22179	-	-
Taninthayi Region	2015-2016	Sown	Acre	-	279	-	571	-	11352	13186	251185
		Harvested	Acre	-	42	-	540	-	11172	13186	202919
		Production	Ton	-	11	-	2092	-	7005	-	-
	2016-2017	Sown	Acre	-	279	-	571	-	11352	13193	251881
		Harvested	Acre	-	42	-	540	-	11176	13193	203929
		Production	Ton	-	11	-	2095	-	7032	-	-
	2017-2018	Sown	Acre	-	279	-	571	-	11357	13500	251777
		Harvested	Acre	-	59	-	545	-	11265	13500	204733
		Production	Ton	-	14	-	2163	-	7180	-	-
	2018 (Apr-Sep)	Sown	Acre	-	538	-	-	-	11357	7248	252195
		Harvested	Acre	-	-	-	-	-	11200	6194	163356
		Production	Ton	-	-	-	-	-	5380	-	-
	2018-2019 *	Sown	Acre	-	538	-	571	-	11357	13333	252195
		Harvested	Acre	-	78	-	540	-	11265	13333	207925
		Production	Ton	-	25	-	2083	-	8864	-	-

Note : Only for plantain production in thousand bunch.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Beverage				Vegetables and Fruits			
				Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
Bago Region	2015-2016	Sown	Acre	-	631	54612	870	635	14847	139912	201335
		Harvested	Acre	-	105	54612	870	635	14847	139710	186727
		Production	Ton	-	28	1309359	3251	3347	24464	-	-
	2016-2017	Sown	Acre	-	111	44706	870	635	14847	143412	202145
		Harvested	Acre	-	105	43962	870	635	14847	143366	187157
		Production	Ton	-	28	1135220	3106	3347	24674	-	-
	2017-2018	Sown	Acre	-	111	47891	870	642	14847	141629	202145
		Harvested	Acre	-	65	47891	870	642	14847	141408	185228
		Production	Ton	-	16	1254334	3279	3379	24629	-	-
	2018 (Apr-Sep)	Sown	Acre	-	111	51777	-	-	14847	41070	202145
		Harvested	Acre	-	20	-	-	-	9848	41025	112550
		Production	Ton	-	6	-	-	-	16049	-	-
2018-2019 *	Sown	Acre	-	111	51777	959	632	14847	136804	202145	
	Harvested	Acre	-	65	51771	959	632	14847	136804	189182	
	Production	Ton	-	16	1344910	3614	3706	24633	-	-	
Magway Region	2015-2016	Sown	Acre	1187	987	23035	21643	5457	2686	125931	34718
		Harvested	Acre	9	137	23035	21502	5457	2624	122634	33011
		Production	Ton	**	13	585960	121288	53343	3098	-	-
	2016-2017	Sown	Acre	1187	987	20797	22095	5406	2687	124224	34718
		Harvested	Acre	11	168	20797	21560	5406	2686	124208	33113
		Production	Ton	**	14	576373	122213	52890	3165	-	-
	2017-2018	Sown	Acre	1187	987	21478	22059	1238	2719	98953	34767
		Harvested	Acre	66	303	21478	21785	1219	2719	98858	33248
		Production	Ton	12	21	548781	123285	11113	3154	-	-
	2018 (Apr-Sep)	Sown	Acre	318	987	19784	-	-	3074	31501	35056
		Harvested	Acre	-	-	-	-	-	2297	12696	4557
		Production	Ton	-	-	-	-	-	2564	-	-
2018-2019 *	Sown	Acre	318	987	19784	20780	1070	3074	74008	35056	
	Harvested	Acre	114	433	19784	19991	1070	2844	73928	31747	
	Production	Ton	13	30	558262	111907	9433	3317	-	-	
Mandalay Region	2015-2016	Sown	Acre	17126	4851	28167	22469	2127	9027	119447	62350
		Harvested	Acre	11076	2283	28167	20478	2127	8152	119447	54755
		Production	Ton	5019	516	635912	141212	8733	8471	-	-
	2016-2017	Sown	Acre	17426	5832	31096	22469	2020	10608	120488	70546
		Harvested	Acre	11276	2311	31096	22469	2020	9927	120417	61371
		Production	Ton	5164	523	716255	121804	8212	16594	-	-
	2017-2018	Sown	Acre	17426	5832	33428	22469	1972	10421	119780	71388
		Harvested	Acre	16600	2382	33426	22036	1972	10000	119392	64280
		Production	Ton	8641	541	769488	110225	8224	10157	-	-
	2018 (Apr-Sep)	Sown	Acre	17519	5844	31062	-	1331	9995	56578	75185
		Harvested	Acre	16422	-	-	-	526	5409	32294	10353
		Production	Ton	8565	-	-	-	2421	5664	-	-
2018-2019 *	Sown	Acre	17519	5844	31062	22265	2017	10515	127600	75185	
	Harvested	Acre	16600	2385	31062	21884	2017	10082	127600	63411	
	Production	Ton	8654	543	751045	136645	8350	10289	-	-	

Note : Only for plantain production in thousand bunch.

\*\*Less than one unit.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Beverage				Vegetables and Fruits			
				Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
Mon State	2015-2016	Sown	Acre	333	-	313	476	-	6583	37577	170973
		Harvested	Acre	318	-	313	476	-	6498	37577	112228
		Production	Ton	135	-	5026	2736	-	9848	-	-
	2016-2017	Sown	Acre	333	-	372	476	-	6587	38671	170973
		Harvested	Acre	318	-	372	449	-	6572	38671	116638
		Production	Ton	136	-	6857	1507	-	10054	-	-
	2017-2018	Sown	Acre	333	-	593	476	-	6587	39614	170978
		Harvested	Acre	321	-	593	449	-	6574	39614	116691
		Production	Ton	136	-	10926	1596	-	10043	-	-
	2018 (Apr-Sep)	Sown	Acre	333	-	1119	-	-	6588	14789	166179
		Harvested	Acre	128	-	-	-	-	5692	14103	67398
		Production	Ton	48	-	-	-	-	6688	-	-
	2018-2019 *	Sown	Acre	333	-	1119	476	-	6588	39292	166179
		Harvested	Acre	321	-	1119	449	-	6577	39292	113379
		Production	Ton	136	-	15639	1233	-	11075	-	-
Rakhine State	2015-2016	Sown	Acre	-	-	1868	-	8237	7360	97269	66989
		Harvested	Acre	-	-	1868	-	8237	7350	97269	49794
		Production	Ton	-	-	27723	-	29388	9704	-	-
	2016-2017	Sown	Acre	-	-	1277	-	8252	7575	96990	67217
		Harvested	Acre	-	-	1277	-	8252	7394	96990	50118
		Production	Ton	-	-	20389	-	27050	9739	-	-
	2017-2018	Sown	Acre	-	-	1351	-	3846	7669	81686	69629
		Harvested	Acre	-	-	1351	-	3846	7415	81686	49037
		Production	Ton	-	-	20465	-	12391	8639	-	-
	2018 (Apr-Sep)	Sown	Acre	-	-	719	-	-	8067	19062	70875
		Harvested	Acre	-	-	-	-	-	5402	16024	16131
		Production	Ton	-	-	-	-	-	5289	-	-
	2018-2019 *	Sown	Acre	-	-	719	-	3221	8067	78631	70875
		Harvested	Acre	-	-	719	-	3221	7882	78631	59368
		Production	Ton	-	-	11348	-	10300	9257	-	-
Yangon Region	2015-2016	Sown	Acre	-	-	6183	328	-	7014	60244	74803
		Harvested	Acre	-	-	6183	328	-	6911	60244	71597
		Production	Ton	-	-	124278	753	-	5635	-	-
	2016-2017	Sown	Acre	-	-	6190	266	-	7014	56964	74906
		Harvested	Acre	-	-	6190	266	-	6696	56964	69904
		Production	Ton	-	-	125657	1678	-	5424	-	-
	2017-2018	Sown	Acre	-	-	6100	90	-	7014	57612	74844
		Harvested	Acre	-	-	6100	90	-	6695	57612	69870
		Production	Ton	-	-	124135	82	-	5423	-	-
	2018 (Apr-Sep)	Sown	Acre	-	-	6366	-	-	7014	21519	72551
		Harvested	Acre	-	-	-	-	-	3209	17134	9520
		Production	Ton	-	-	-	-	-	2287	-	-
	2018-2019 *	Sown	Acre	-	-	6366	90	-	7246	55675	72551
		Harvested	Acre	-	-	6270	90	-	6930	55675	70027
		Production	Ton	-	-	128710	82	-	5614	-	-

Note : Only for plantain production in thousand bunch.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Beverage				Vegetables and Fruits			
				Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
Shan State	2015-2016	Sown	Acre	200505	27635	94634	-	54685	19976	195025	95568
		Harvested	Acre	183081	17057	94634	-	54685	19713	195025	71040
		Production	Ton	85817	5163	2718245	-	359741	14220	-	-
	2016-2017	Sown	Acre	200540	27452	101025	-	54522	20417	200483	93559
		Harvested	Acre	185048	17077	100767	-	54522	20171	200483	70210
		Production	Ton	86732	5174	2741662	-	356254	14461	-	-
	2017-2018	Sown	Acre	200684	27536	110967	-	55077	20628	206486	95076
		Harvested	Acre	185858	17224	110964	-	55077	20382	206486	73744
		Production	Ton	85665	5212	3031483	-	362974	14683	-	-
	2018 (Apr-Sep)	Sown	Acre	200940	27726	150046	-	37572	20843	102714	98447
		Harvested	Acre	184672	2879	-	-	36804	19118	94482	57458
		Production	Ton	78848	625	-	-	253585	13751	-	-
2018-2019 *	Sown	Acre	200940	27726	150046	-	53927	20843	202373	98512	
	Harvested	Acre	186944	17328	150015	-	53927	20614	202368	76249	
	Production	Ton	124325	5238	3856389	-	353890	15651	-	-	
Ayeyawady Region	2015-2016	Sown	Acre	-	43	195	2806	25	61430	188535	219861
		Harvested	Acre	-	-	195	1266	25	61400	188516	192654
		Production	Ton	-	-	4466	4721	103	80687	-	-
	2016-2017	Sown	Acre	-	-	202	2806	25	61610	188535	219919
		Harvested	Acre	-	-	202	1181	25	61405	188427	180757
		Production	Ton	-	-	4685	4761	104	77475	-	-
	2017-2018	Sown	Acre	-	-	199	1960	21	61610	193946	223146
		Harvested	Acre	-	-	199	1055	21	61539	193833	181622
		Production	Ton	-	-	4610	4793	87	77639	-	-
	2018 (Apr-Sep)	Sown	Acre	-	310	205	-	-	59410	53368	223565
		Harvested	Acre	-	-	-	-	-	45124	49171	54656
		Production	Ton	-	-	-	-	-	39982	-	-
2018-2019 *	Sown	Acre	-	310	205	1960	-	59410	189694	223569	
	Harvested	Acre	-	-	205	1059	-	59397	189694	181251	
	Production	Ton	-	-	4729	4945	-	90977	-	-	
Nay Pyi Taw	2015-2016	Sown	Acre	1537	396	10359	43	1669	1083	15524	10450
		Harvested	Acre	360	396	10223	43	1669	1083	15524	4732
		Production	Ton	148	70	220827	233	15290	1003	-	-
	2016-2017	Sown	Acre	1537	396	9800	43	1682	1093	14793	10538
		Harvested	Acre	360	396	9728	43	1682	1093	14404	4749
		Production	Ton	151	71	201500	233	15410	1019	-	-
	2017-2018	Sown	Acre	1537	396	11701	52	1687	1215	15181	10553
		Harvested	Acre	360	396	11701	52	1687	1198	15165	7298
		Production	Ton	151	71	253165	249	15447	1113	-	-
	2018 (Apr-Sep)	Sown	Acre	1537	396	13231	-	-	1298	6573	10564
		Harvested	Acre	-	-	-	-	-	1088	6488	8262
		Production	Ton	-	-	-	-	-	1010	-	-
2018-2019 *	Sown	Acre	1537	396	13231	85	1768	1298	15216	10564	
	Harvested	Acre	360	396	13231	85	1768	1102	15163	8636	
	Production	Ton	151	71	341817	436	15931	1022	-	-	

Note : Only for plantain production in thousand bunch.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Fibre				Miscellaneous		
				Cotton (Wagyi)	Cotton (Mahlaing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
Kachin State	2015-2016	Sown	Acre	-	-	-	-	78950	2142	734
		Harvested	Acre	-	-	-	-	2039	2042	734
		Production	Ton	-	-	-	-	477	5526	-
	2016-2017	Sown	Acre	-	-	-	-	80411	2142	734
		Harvested	Acre	-	-	-	-	2093	2042	734
		Production	Ton	-	-	-	-	492	5523	-
	2017-2018	Sown	Acre	-	-	-	-	80530	2142	796
		Harvested	Acre	-	-	-	-	7251	2039	792
		Production	Ton	-	-	-	-	1928	5527	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	80560	2164	1096
		Harvested	Acre	-	-	-	-	1379	1249	99
		Production	Ton	-	-	-	-	306	3527	-
	2018-2019 *	Sown	Acre	-	-	-	-	80560	2164	1096
		Harvested	Acre	-	-	-	-	7876	2043	873
		Production	Ton	-	-	-	-	2123	5534	-
Kayah State	2015-2016	Sown	Acre	-	-	-	-	10	171	101
		Harvested	Acre	-	-	-	-	-	168	92
		Production	Ton	-	-	-	-	-	483	-
	2016-2017	Sown	Acre	-	-	-	-	66	171	101
		Harvested	Acre	-	-	-	-	-	168	92
		Production	Ton	-	-	-	-	-	485	-
	2017-2018	Sown	Acre	-	-	-	-	66	159	195
		Harvested	Acre	-	-	-	-	-	156	163
		Production	Ton	-	-	-	-	-	449	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	66	159	195
		Harvested	Acre	-	-	-	-	-	142	-
		Production	Ton	-	-	-	-	-	409	-
	2018-2019 *	Sown	Acre	-	-	-	-	66	159	195
		Harvested	Acre	-	-	-	-	-	158	163
		Production	Ton	-	-	-	-	-	453	-
Kayin State	2015-2016	Sown	Acre	-	-	-	-	266820	10594	265
		Harvested	Acre	-	-	-	-	139138	1951	-
		Production	Ton	-	-	-	-	45502	9399	-
	2016-2017	Sown	Acre	-	-	-	-	268274	10608	68
		Harvested	Acre	-	-	-	-	152728	1952	-
		Production	Ton	-	-	-	-	49254	9413	-
	2017-2018	Sown	Acre	-	-	-	-	269055	10608	161
		Harvested	Acre	-	-	-	-	168028	1992	36
		Production	Ton	-	-	-	-	54307	9610	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	270760	10620	187
		Harvested	Acre	-	-	-	-	178029	1992	-
		Production	Ton	-	-	-	-	12684	6608	-
	2018-2019 *	Sown	Acre	-	-	-	-	270760	10620	187
		Harvested	Acre	-	-	-	-	192610	2042	36
		Production	Ton	-	-	-	-	70096	10957	-

Note : Only for coconut production in thousand number.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Fibre				Miscellaneous		
				Cotton (Wagyi)	Cotton (Mahlaing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
Chin State	2015-2016	Sown	Acre	-	329	-	-	9	57	1700
		Harvested	Acre	-	329	-	-	-	54	1695
		Production	Ton	-	35	-	-	-	79	-
	2016-2017	Sown	Acre	-	193	-	-	9	57	1674
		Harvested	Acre	-	193	-	-	-	54	1669
		Production	Ton	-	20	-	-	-	79	-
	2017-2018	Sown	Acre	-	176	-	-	9	57	1663
		Harvested	Acre	-	176	-	-	-	54	1658
		Production	Ton	-	18	-	-	-	79	-
	2018 (Apr-Sep)	Sown	Acre	-	142	-	-	9	57	1652
		Harvested	Acre	-	-	-	-	-	15	-
		Production	Ton	-	-	-	-	-	22	-
	2018-2019 *	Sown	Acre	-	142	-	-	9	57	1652
		Harvested	Acre	-	142	-	-	-	54	1647
		Production	Ton	-	15	-	-	-	79	-
Sagaing Region	2015-2016	Sown	Acre	9351	14063	93560	-	12995	9008	1597
		Harvested	Acre	9351	14063	93558	-	407	8972	1597
		Production	Ton	2546	2465	85760	-	83	31664	-
	2016-2017	Sown	Acre	9829	13043	82700	-	12241	9019	1622
		Harvested	Acre	9829	13043	82697	-	484	8988	1622
		Production	Ton	2541	2292	72848	-	91	31761	-
	2017-2018	Sown	Acre	8607	11579	59240	-	12491	9041	4096
		Harvested	Acre	8605	11579	59238	-	603	9011	2140
		Production	Ton	2219	1976	52066	-	113	30573	-
	2018 (Apr-Sep)	Sown	Acre	8658	10926	56602	-	12534	9051	4779
		Harvested	Acre	-	-	11857	-	676	8993	-
		Production	Ton	-	-	7697	-	117	31112	-
	2018-2019 *	Sown	Acre	8658	10926	59745	-	12534	9051	7955
		Harvested	Acre	8658	10926	59745	-	771	9011	3146
		Production	Ton	2240	1896	52677	-	125	31537	-
Taninthayi Region	2015-2016	Sown	Acre	-	-	-	-	343052	12819	34
		Harvested	Acre	-	-	-	-	128396	12512	25
		Production	Ton	-	-	-	-	32420	35597	-
	2016-2017	Sown	Acre	-	-	-	-	345834	12831	34
		Harvested	Acre	-	-	-	-	135639	12572	25
		Production	Ton	-	-	-	-	35452	35809	-
	2017-2018	Sown	Acre	-	-	-	-	347487	12831	79
		Harvested	Acre	-	-	-	-	144147	12610	25
		Production	Ton	-	-	-	-	39853	36264	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	348344	12831	145
		Harvested	Acre	-	-	-	-	147935	11684	-
		Production	Ton	-	-	-	-	8121	26739	-
	2018-2019 *	Sown	Acre	-	-	-	-	348344	12831	148
		Harvested	Acre	-	-	-	-	156226	12635	25
		Production	Ton	-	-	-	-	51840	48302	-

Note : Only for coconut production in thousand number.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Fibre				Miscellaneous		
				Cotton (Wagyi)	Cotton (Mahlaing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
Bago Region	2015-2016	Sown	Acre	15906	-	1721	15	116693	6842	105
		Harvested	Acre	15906	-	1721	15	48993	6827	5
		Production	Ton	2712	-	1170	6	14920	41245	-
	2016-2017	Sown	Acre	16745	-	1645	4	118096	6842	105
		Harvested	Acre	16745	-	1645	4	50823	6827	5
		Production	Ton	3075	-	1124	2	15989	41297	-
	2017-2018	Sown	Acre	15741	-	2155	40	118096	6842	431
		Harvested	Acre	15741	-	2155	40	50928	6812	5
		Production	Ton	2970	-	1473	36	15972	41802	-
	2018 (Apr-Sep)	Sown	Acre	14310	-	4533	-	118096	6842	916
		Harvested	Acre	-	-	-	-	21725	4875	-
		Production	Ton	-	-	-	-	4598	27383	-
	2018-2019 *	Sown	Acre	14310	-	4580	-	118096	6842	1251
		Harvested	Acre	14310	-	4580	-	51814	6834	255
		Production	Ton	2695	-	3164	-	16281	41708	-
Magway Region	2015-2016	Sown	Acre	64194	13517	272355	-	80	2461	452
		Harvested	Acre	64194	13517	272355	-	-	2457	284
		Production	Ton	10940	3271	270831	-	-	10161	-
	2016-2017	Sown	Acre	61324	10442	260274	-	-	2462	455
		Harvested	Acre	61324	10442	260263	-	-	2458	301
		Production	Ton	11198	2577	259122	-	-	10101	-
	2017-2018	Sown	Acre	37379	4178	223800	-	-	2462	2872
		Harvested	Acre	37379	4178	223741	-	-	2459	224
		Production	Ton	6949	1030	200397	-	-	10106	-
	2018 (Apr-Sep)	Sown	Acre	13027	1135	173238	-	-	2218	4134
		Harvested	Acre	-	-	-	-	-	1850	97
		Production	Ton	-	-	-	-	-	7583	-
	2018-2019 *	Sown	Acre	13027	1135	173257	-	-	2218	4637
		Harvested	Acre	13027	1135	173257	-	-	2215	218
		Production	Ton	2619	283	147879	-	-	9105	-
Mandalay Region	2015-2016	Sown	Acre	1684	44533	178920	-	114	715	4260
		Harvested	Acre	1684	44533	178920	-	-	715	4125
		Production	Ton	298	8232	116978	-	-	1992	-
	2016-2017	Sown	Acre	1455	30060	145266	-	114	715	4584
		Harvested	Acre	1455	30060	145093	-	-	715	4003
		Production	Ton	272	5341	97387	-	-	1991	-
	2017-2018	Sown	Acre	1704	20344	159931	-	114	717	5915
		Harvested	Acre	1704	20344	159665	-	-	716	3876
		Production	Ton	327	3534	107501	-	-	1978	-
	2018 (Apr-Sep)	Sown	Acre	773	14915	159941	-	114	717	7837
		Harvested	Acre	-	-	13901	-	-	127	-
		Production	Ton	-	-	9776	-	-	460	-
	2018-2019 *	Sown	Acre	773	14915	165283	-	114	717	8949
		Harvested	Acre	773	14915	165165	-	5	716	3942
		Production	Ton	152	2515	112069	-	0	1981	-

Note : Only for coconut production in thousand number.

**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(cont'd)**

Years 2015/2016-2018/2019, absolute values

States and Regions	Year	Classification	Unit	Fibre				Miscellaneous		
				Cotton (Wagyi)	Cotton (Mahla- ing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
Mon State	2015-2016	Sown	Acre	-	-	-	-	491100	10727	262
		Harvested	Acre	-	-	-	-	317448	10364	82
		Production	Ton	-	-	-	-	103469	61910	-
	2016-2017	Sown	Acre	-	-	-	-	493290	10727	262
		Harvested	Acre	-	-	-	-	318769	10411	262
		Production	Ton	-	-	-	-	105128	62014	-
	2017-2018	Sown	Acre	-	-	-	-	494840	10727	265
		Harvested	Acre	-	-	-	-	325971	10419	262
		Production	Ton	-	-	-	-	108352	62081	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	497153	10817	265
		Harvested	Acre	-	-	-	-	301737	9254	-
		Production	Ton	-	-	-	-	22745	44281	-
	2018-2019 *	Sown	Acre	-	-	-	-	497153	10817	265
		Harvested	Acre	-	-	-	-	327600	10512	262
		Production	Ton	-	-	-	-	113731	69410	-
Rakhine State	2015-2016	Sown	Acre	-	-	-	-	35522	12650	32
		Harvested	Acre	-	-	-	-	2433	12565	32
		Production	Ton	-	-	-	-	569	47909	-
	2016-2017	Sown	Acre	-	-	-	-	35529	12651	29
		Harvested	Acre	-	-	-	-	2471	12572	29
		Production	Ton	-	-	-	-	621	48085	-
	2017-2018	Sown	Acre	-	-	-	-	35592	12684	33
		Harvested	Acre	-	-	-	-	2476	12574	32
		Production	Ton	-	-	-	-	694	46950	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	35592	12648	26
		Harvested	Acre	-	-	-	-	2486	11877	-
		Production	Ton	-	-	-	-	166	23400	-
	2018-2019 *	Sown	Acre	-	-	-	-	35592	12648	34
		Harvested	Acre	-	-	-	-	2487	12534	34
		Production	Ton	-	-	-	-	638	45300	-
Yangon Region	2015-2016	Sown	Acre	-	-	-	7	43415	9278	1932
		Harvested	Acre	-	-	-	7	10276	8746	1
		Production	Ton	-	-	-	-	1931	34955	-
	2016-2017	Sown	Acre	-	-	-	-	42510	9278	1932
		Harvested	Acre	-	-	-	-	7479	8863	1
		Production	Ton	-	-	-	-	1936	34993	-
	2017-2018	Sown	Acre	-	-	-	-	43105	9278	1945
		Harvested	Acre	-	-	-	-	8552	8864	14
		Production	Ton	-	-	-	-	2074	34919	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	-	43669	9278	630
		Harvested	Acre	-	-	-	-	9539	3448	-
		Production	Ton	-	-	-	-	480	8615	-
	2018-2019 *	Sown	Acre	-	-	-	-	43669	9278	631
		Harvested	Acre	-	-	-	-	10066	8864	14
		Production	Ton	-	-	-	-	2704	34056	-

Note : Only for coconut production in thousand number.



**TABLE 9.12 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS BY STATES AND REGIONS(concl'd)**

Years 2015/2016-2018 /2019, absolute values

States and Regions	Year	Classification	Unit	Fibre				Miscellaneous		
				Cotton (Wagyi)	Cotton (Mahlaing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
Shan State	2015-2016	Sown	Acre	-	381	137	-	183394	575	455
		Harvested	Acre	-	381	137	-	44306	531	455
		Production	Ton	-	59	81	-	9112	1079	-
	2016-2017	Sown	Acre	-	363	188	-	184449	575	458
		Harvested	Acre	-	363	188	-	52285	531	455
		Production	Ton	-	57	120	-	12317	1078	-
	2017-2018	Sown	Acre	-	346	199	-	185121	575	515
		Harvested	Acre	-	346	199	-	58009	542	475
		Production	Ton	-	54	131	-	13600	1115	-
	2018 (Apr-Sep)	Sown	Acre	-	310	182	-	185118	575	1157
		Harvested	Acre	-	70	-	-	55617	494	478
		Production	Ton	-	10	-	-	8489	949	-
	2018-2019 *	Sown	Acre	-	310	182	-	185179	575	1157
		Harvested	Acre	-	310	182	-	61020	544	737
		Production	Ton	-	48	120	-	16514	1096	-
Ayeyawady Region	2015-2016	Sown	Acre	-	-	-	109	35274	61894	71
		Harvested	Acre	-	-	-	104	842	50447	2
		Production	Ton	-	-	-	24	256	222913	-
	2016-2017	Sown	Acre	-	-	-	113	35274	61894	71
		Harvested	Acre	-	-	-	104	1248	50569	-
		Production	Acre	-	-	-	15	390	203813	-
	2017-2018	Sown	Acre	-	-	-	51	36754	61862	193
		Harvested	Acre	-	-	-	50	3383	50736	4
		Production	Ton	-	-	-	20	1136	204466	-
	2018 (Apr-Sep)	Sown	Acre	-	-	-	38	36754	61860	192
		Harvested	Acre	-	-	-	37	-	46181	-
		Production	Ton	-	-	-	11	-	151965	-
	2018-2019 *	Sown	Acre	-	-	-	38	36754	61860	422
		Harvested	Acre	-	-	-	37	4237	50781	216
		Production	Ton	-	-	-	11	1424	262538	-
Nay Pyi Taw	2015-2016	Sown	Acre	-	-	9007	-	-	1128	50
		Harvested	Acre	-	-	9007	-	-	1128	-
		Production	Ton	-	-	7436	-	-	3756	-
	2016-2017	Sown	Acre	-	-	9153	-	-	1128	50
		Harvested	Acre	-	-	9145	-	-	1128	-
		Production	Ton	-	-	7431	-	-	3814	-
	2017-2018	Sown	Acre	-	-	9439	-	-	1128	87
		Harvested	Acre	-	-	9439	-	-	1128	1
		Production	Ton	-	-	7920	-	-	3772	-
	2018 (Apr-Sep)	Sown	Acre	-	-	9460	-	-	1128	292
		Harvested	Acre	-	-	-	-	-	1056	-
		Production	Ton	-	-	-	-	-	3269	-
	2018-2019 *	Sown	Acre	-	-	9463	-	-	1128	292
		Harvested	Acre	-	-	9463	-	-	1056	14
		Production	Ton	-	-	8366	-	-	3550	-

Note : Only for coconut production in thousand number.  
\* Agriculture Year (1 July to 30 June)

Source : Department of Agricultural Land Management and Statistics

**TABLE 9.13 SOWN AREA, HARVESTED AREA AND PRODUCTION OF FRUITS**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Crop	Unit	2005-2006	2010-2011	2015-2016
<b>Mango</b>				
Sown	Acre	175	197	247
Harvested	Acre	161	173	200
Production	Number	1833592	2014702	1981290
<b>Lemon</b>				
Sown	Acre	39	44	52
Harvested	Acre	35	41	44
Production	Number	638205	781294	841756
<b>Orange</b>				
Sown	Acre	31	35	38
Harvested	Acre	22	29	27
Production	Viss	164093	203643	215442
<b>Pomelo and Sweet Lime</b>				
Sown	Acre	14	15	17
Harvested	Acre	12	14	15
Production	Number	64276	79086	89930
<b>Durian</b>				
Sown	Acre	17	21	23
Harvested	Acre	16	20	20
Production	Number	38709	57527	52613
<b>Pineapple</b>				
Sown	Acre	44	52	61
Harvested	Acre	42	51	54
Production	Number	201332	248827	254092
<b>Custard apple</b>				
Sown	Acre	9	10	11
Harvested	Acre	9	10	11
Production	Number	84051	115743	101527
<b>Lichee</b>				
Sown	Acre	14	13	9
Harvested	Acre	11	11	7
Production	Number	1041676	1056679	365029
<b>Grapes</b>				
Sown	Acre	3	4	3
Harvested	Acre	3	2	3
Production	Viss	8106	4698	12596
<b>Apple</b>				
Sown	Acre	5	4	1
Harvested	Acre	3	2	1
Production	Viss	3033	2847	2391

**TABLE 9.13 SOWN AREA, HARVESTED AREA AND PRODUCTION OF FRUITS(cont'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Crop	Unit	2016-2017	2017-2018	2018-2019 **
<b>Mango</b>				
Sown	Acre	254	258	264
Harvested	Acre	207	225	233
Production	Number	2309027	2490575	3012847
<b>Lemon</b>				
Sown	Acre	54	52	53
Harvested	Acre	46	48	48
Production	Number	913235	921962	934637
<b>Orange</b>				
Sown	Acre	37	37	37
Harvested	Acre	26	27	27
Production	Viss	216881	220827	217910
<b>Pomelo and Sweet Lime</b>				
Sown	Acre	17	17	17
Harvested	Acre	15	15	15
Production	Number	91355	95974	98169
<b>Durian</b>				
Sown	Acre	24	24	24
Harvested	Acre	21	21	21
Production	Number	64545	64687	74921
<b>Pineapple</b>				
Sown	Acre	61	61	62
Harvested	Acre	55	60	61
Production	Number	245452	288900	300696
<b>Custard apple</b>				
Sown	Acre	11	12	11
Harvested	Acre	11	11	11
Production	Number	104075	109385	116433
<b>Lichee</b>				
Sown	Acre	8	8	8
Harvested	Acre	6	6	6
Production	Number	366967	369838	403006
<b>Grapes</b>				
Sown	Acre	4	4	4
Harvested	Acre	4	4	3
Production	Viss	19163	19127	20418
<b>Apple</b>				
Sown	Acre	1	1	1
Harvested	Acre	1	1	1
Production	Viss	2881	3323	2836

**TABLE 9.13 SOWN AREA, HARVESTED AREA AND PRODUCTION OF FRUITS(cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Crop	Unit	2005-2006	2010-2011	2015-2016
<b>Pear</b>				
Sown	Acre	2	3	2
Harvested	Acre	2	2	2
Production	Viss	10046	9913	8655
<b>Damson</b>				
Sown	Acre	4	4	4
Harvested	Acre	3	3	3
Production	Viss	7410	8739	10759
<b>Walnut</b>				
Sown	Acre	5	8	11
Harvested	Acre	2	6	6
Production	Viss	2161	4432	7744
<b>Cashewnut</b>				
Sown	Acre	200	218	219
Harvested	Acre	117	143	158
Production	Viss	14845	31170	42392
<b>Plums</b>				
Sown	Acre	49	54	54
Harvested	Acre	48	50	52
Production	Viss	276966	196354	200625
<b>Chestnut</b>				
Sown	Acre	*	*	*
Harvested	Acre	*	*	*
Production	Viss	176	203	319
<b>Tamarind</b>				
Sown	Acre	44	46	46
Harvested	Acre	42	44	44
Production	Viss	70918	85015	90675
<b>Strawberry</b>				
Sown	Acre	*	*	*
Harvested	Acre	*	*	*
Production	Viss	827	876	972
<b>Others</b>				
Sown	Acre	528	635	690
Harvested	Acre	408	509	535
<b>Total</b>				
<b>Sown</b>	<b>Acre</b>	<b>1183</b>	<b>1366</b>	<b>1488</b>
<b>Harvested</b>	<b>Acre</b>	<b>936</b>	<b>1111</b>	<b>1182</b>

Note : \*Less than one unit

**TABLE 9.13 SOWN AREA, HARVESTED AREA AND PRODUCTION OF FRUITS (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Crop	Unit	2016-2017	2017-2018	2018-2019 **
<b>Pear</b>				
Sown	Acre	2	3	3
Harvested	Acre	2	3	3
Production	Viss	10141	11672	10603
<b>Damson</b>				
Sown	Acre	4	4	4
Harvested	Acre	3	3	3
Production	Viss	9910	9933	8530
<b>Walnut</b>				
Sown	Acre	11	11	11
Harvested	Acre	6	6	7
Production	Viss	7955	7206	10424
<b>Cashewnut</b>				
Sown	Acre	216	216	210
Harvested	Acre	151	153	160
Production	Viss	48958	39381	47619
<b>Plums</b>				
Sown	Acre	56	58	59
Harvested	Acre	54	57	56
Production	Viss	202563	213990	183438
<b>Chestnut</b>				
Sown	Acre	1	*	1
Harvested	Acre	*	*	1
Production	Viss	320	322	903
<b>Tamarind</b>				
Sown	Acre	48	46	45
Harvested	Acre	45	44	43
Production	Viss	112170	103108	109653
<b>Strawberry</b>				
Sown	Acre	*	*	*
Harvested	Acre	*	*	*
Production	Viss	982	982	980
<b>Others</b>				
Sown	Acre	689	695	698
Harvested	Acre	530	541	556
<b>Total</b>				
<b>Sown</b>	<b>Acre</b>	<b>1498</b>	<b>1507</b>	<b>1512</b>
<b>Harvested</b>	<b>Acre</b>	<b>1183</b>	<b>1225</b>	<b>1255</b>

Note : \* Less than one unit

Source : Department of Agricultural Land Management and Statistics.

\*\* Agriculture Year (1 July to 30 June)

**TABLE 9.14 SOWN AREA, HERVESTED AREA AND PRODUCTION OF VEGETABLES**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Crop	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018-2019 *
<b>Cabbage</b>							
Sown	Acre	59	75	77	79	75	77
Harvested	Acre	59	75	77	79	75	77
Production	Viss	231158	277469	299664	303807	282151	281838
<b>Cauliflower</b>							
Sown	Acre	61	66	70	68	64	66
Harvested	Acre	61	66	70	68	63	66
Production	Viss	219222	210141	241612	254003	215718	218227
<b>Lettuce</b>							
Sown	Acre	16	24	29	32	29	29
Harvested	Acre	16	24	29	32	29	29
Production	Viss	27120	43077	55343	60499	64934	62491
<b>Mustard ( Leaf )</b>							
Sown	Acre	76	95	88	89	89	90
Harvested	Acre	76	95	88	89	89	90
Production	Viss	127753	171134	167903	189706	183936	188811
<b>Tomato</b>							
Sown	Acre	228	277	281	278	257	255
Harvested	Acre	228	277	280	278	257	255
Production	Viss	580834	810713	808335	812768	733286	708406
<b>Carrot</b>							
Sown	Acre	7	6	5	5	6	7
Harvested	Acre	7	6	5	5	6	7
Production	Viss	16239	12111	9413	9278	10991	13677
<b>Radish</b>							
Sown	Acre	44	56	56	57	55	55
Harvested	Acre	44	56	56	57	55	55
Production	Viss	125703	180526	167184	164894	164899	155734
<b>Watermelon</b>							
Sown	Acre	40	47	53	60	64	64
Harvested	Acre	40	47	53	60	64	64
Production	Viss	126506	151300	165737	177190	198136	204836
<b>Gourd</b>							
Sown	Acre	38	55	58	57	59	59
Harvested	Acre	38	55	58	57	59	59
Production	Viss	107302	153657	165841	162840	170424	162134
<b>Asparagus</b>							
Sown	Acre	1	1	2	2	2	2
Harvested	Acre	1	1	2	2	2	2
Production	Viss	929	2012	1968	3425	2242	2923
<b>Others</b>							
Sown	Acre	524	637	684	685	664	645
Harvested	Acre	524	637	681	684	663	645
<b>Total</b>							
<b>Sown</b>	<b>Acre</b>	<b>1094</b>	<b>1339</b>	<b>1403</b>	<b>1412</b>	<b>1364</b>	<b>1349</b>
<b>Harvested</b>	<b>Acre</b>	<b>1094</b>	<b>1339</b>	<b>1399</b>	<b>1411</b>	<b>1362</b>	<b>1349</b>

Note: \* Agriculture Year (1 July to 30 June)

Source : Department of Agricultural Land Management and Statistics.

**TABLE 9.15 YIELD PER HARVESTED ACRE OF SELECTED CROPS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Crop	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 *
Paddy	46lb(basket)	71	79	76	75	75	53	76
Wheat	72lb(basket)	17	22	23	23	24	-	24
Maize	55lb(basket)	47	57	61	62	63	59	63
Groundnut								
Rain	25lb(basket)	43	50	51	51	49	46	46
Winter	25lb(basket)	57	62	65	65	63	-	63
Sesamum								
Early	54lb(basket)	5	8	8	8	8	6	6
Late	54lb(basket)	10	12	13	13	13	-	13
Cotton(lint)								
Wagyi	Viss	98	107	113	119	122	-	130
Mahlaing 5/6	Viss	90	116	120	118	112	89	108
Long Staple	Viss	203	476	540	546	506	422	489
Jute	Viss	220	217	148	96	383	191	191
Kenaf	Viss	257	263	175	163	219	266	213
Rubber	lb	530	613	674	686	693	180	757
Matpe(Black gram)	72lb(basket)	15	19	18	18	18	16	18
Pedisein(Green gram)	72lb(basket)	12	16	16	16	16	14	16
Bocate(Cow pea)	72lb(basket)	12	15	16	16	16	-	16
Peboke(Soy bean)	72lb(basket)	15	19	19	19	19	18	19
Pelun	72lb(basket)	12	15	16	16	16	11	16
Pesingon(Pigeon pea)	72lb(basket)	14	16	17	17	15	13	15
Peyin(Rice bean)	72lb(basket)	11	13	14	14	13	9	13
Sadawpe(Garden pea)	72lb(basket)	13	15	17	17	16	-	16
Peyazar(Lentil bean)	72lb(basket)	7	10	11	12	11	-	12
Penauk(Krishna mung)	72lb(basket)	8	11	13	13	12	6	11
Butter bean	69lb(basket)	14	16	18	18	15	13	15
Sultani	69lb(basket)	14	16	17	17	16	-	15
Sultapya	69lb(basket)	14	16	16	16	16	-	16
Gram(Chick pea)	69lb(basket)	15	18	20	20	18	-	18
Pebyugale(Duffin bean)	69lb(basket)	10	13	14	14	14	9	14
Peyyi(Lablab bean)	69lb(basket)	12	15	17	17	15	14	15
Pegya(Lima bean)	69lb(basket)	10	12	13	14	14	11	14
Chillies	Viss	210	252	291	296	301	300	300
Onion	Viss	3464	2873	4087	4042	3634	1773	3618
Garlic	Viss	1507	1781	1869	1869	1853	-	1858
Potato	Viss	3409	3667	3845	3820	3849	4037	3852
Tobacco(dry)(Virginia)	Viss	467	322	347	359	406	-	577
Tobacco(dry)(Myanmar)	Viss	435	444	475	479	472	-	468
Sugarcane	long ton	22	25	25	26	26	-	26
Tapioca	Viss	3155	3345	3200	2932	2893	2967	2977
Tea	Viss	268	300	297	299	297	277	405
Coffee	Viss	141	168	178	174	174	143	174

Note: \* Agriculture Year (1 July to 30 June)

Source : Department of Agricultural Land Management and Statistics.

METHODOLOGY SHEET | **Substituting for Opium Poppy in Border**

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



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

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in acre

Crop	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Annual Crops</b>	<b>1440518</b>	<b>2529955</b>	<b>2491970</b>	<b>2513401</b>	<b>2380933</b>	<b>2180190</b>	<b>2576258</b>
Paddy	764866	1316039	1126185	1137125	1117008	1124849	1134705
Wheat	6836	8301	13814	665	11331	4050	14096
Buck wheat	9408	5395	1522	2908	2908	104	104
Maize	158999	275111	391567	437089	451712	463922	490350
Groundnut	45686	97915	92812	80920	35395	70728	90630
Sesamum	32742	42913	36282	34958	15550	26036	32878
Sunflower	1879	21259	23272	20299	4768	9992	18341
Other oil Crops	101656	149669	157107	115767	110460	3853	102671
Soybean	58601	155753	121455	131062	32181	70472	119701
Other pulses	113898	139435	175649	99211	154179	99171	161808
Chillies	-	20168	20251	14711	10916	14064	17899
Onion	-	9862	10289	7245	5238	5768	12992
Garlic	-	32077	24804	27157	7130	8567	37213
Other Spices	62273	9184	3254	7052	55553	5046	6353
Sugarcane	21267	52201	28185	32951	34728	36642	16369
Potato	-	32621	25138	28625	6331	21116	42839
Vegetables	54376	119541	174299	130857	109598	76915	152579
Others	8031	42511	66085	204799	215947	138895	124730
<b>Perennial Crops</b>	<b>187612</b>	<b>1233571</b>	<b>1002288</b>	<b>1002288</b>	<b>1002288</b>	<b>1002288</b>	<b>1002288</b>
Coffee	5497	7793	13784	14914	14914	14914	14918
Tea	60969	85572	124272	124272	124272	124272	136485
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	5998	5998	5998	5998
Rubber	29975	137107	174740	225653	225653	225653	225653
Others	70892	979608	666001	610434	610434	610434	598217

Source : Department of Agriculture.

## METHODOLOGY SHEET | Agriculture Inputs

<b>Responsible Unit (Service or Structure)</b>	Department of Agricultural Land Management and Statistics, Department of Agriculture, Agricultural Mechanization Department, Myanma Agricultural Development Bank
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	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, Service Providing of Farm Machinery
<b>Classification Variables</b>	Production and Importation of Fertilizers, Quality Seeds by Crop, Pesticides utilized by Crop, Agricultural Loans by Crop, Equipment for Plant Protection by Type of Commodity, Tractor, Combine Harvester, Tansplanter by Stations
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Agriculture Inputs
<b>Tables</b>	9.17, 9.18, 9.19, 9.20, 9.21, 9.22, 9.23, 9.24, 9.25

**TABLE 9.17 PRODUCTION AND IMPORTATION OF FERTILIZERS**  
Years 2015/2016-2018/2019, absolute values in metric ton

Year	Production	Importation
2015 - 2016	349211	1155055
2016 - 2017	725590	1465360
2017 - 2018	493339	1522937
2018 (Apr-Sep)	688059	936244
2018-2019	364991	1774592

Source : Department of Agriculture.

**TABLE 9.18 DISTRIBUTION OF QUALITY SEEDS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Paddy	Thousand Basket	-	277	1065	914	107	8	120
Wheat	Basket	-	284	-	-	-	-	-
Maize	Basket	-	3220	2890	1350	1558	500	64
Sorghum	Basket	-	146	420	-	-	-	-
Pulses								
Matpe(Black gram)	Basket	-	1196	1799	2586	2141	2550	2151
Pedisein(Green gram)	Basket	85	266	1735	1826	1310	1219	1905
Butter bean	Basket	-	20	138	150	25	-	90
Gram(Chick pea)	Basket	-	603	1023	1292	1292	-	1902
Pesingon(Pigeon pea)	Basket	81	675	4910	6157	6157	-	5450
Soy bean	Basket	-	-	70	90	93	-	431
Pe-Ya-Za(Lentil)	Basket	-	-	-	-	-	-	-
Groundnut	Basket	2272	120	1965	1765	1150	526	1472
Sesamum	Basket	154	484	1186	1644	1260	767	2155
Sunflower	Basket	4023	394	1963	125	1082	940	2261
Nigar	Basket	8	334	430	275	120	-	382
Mustard	Basket	-	-	100	100	120	-	382
Cotton seeds	Thousand Viss	398	574	36	72	79	43	34
Jute seeds	Basket	1624	750	67	40	9	-	7
Kenaf Seeds	Basket	-	-	542	519	592	-	512
Sugarcane	Ton	1525	135012	9831	6504	391464	-	319982
Rubber Sapling	Thousand Nos.	1270	276	95	109	326	-	465
Rubber Seeds	Thousand Nos.	-	-	125	110	100	-	30
Mulberry Sapling	Thousand Nos.	3341	786	-	-	94	-	669
Coffee Sapling	Thousand Nos.	1828	445	2670	1650	1860	-	5023
Tea Sapling	Thousand Nos.	1070	-	-	-	-	-	-
Vegetable Seeds	kg	2528	69	587	1323	6319	-	4601
Food Trees Sapling	Thousand Nos.	374	127	143	179	122	-	167
Palm Oil Sapling	Thousand Nos.	-	-	-	-	-	-	-

Source : Department of Agriculture.

**TABLE 9.19 PESTICIDES UTILIZED FOR PLANT PROTECTION BY CROP**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Crop	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TOTAL</b>	pound	8172	5380705	17616223	25106124	1517315	14800418	24815371
	gallon	11566	1283183	3160986	5814480	12662605	3093991	6250900
Paddy	pound	110	1362281	4026112	4602258	142019	1707841	1934178
	gallon	3653	595716	450467	654582	1185207	356999	796999
Wheat	pound	352	11993	977473	1553619	107178	1138494	1899337
	gallon	78	3687	159703	363818	894443	237999	624205
Maize	pound	-	6680	1010443	1586589	109107	1138494	1901266
	gallon	607	25774	175803	379918	910543	237999	417335
Groundnut	pound	37	63427	741687	1317833	120682	569247	1912841
	gallon	371	33895	272097	476512	1007137	119000	713929
Sesamum	pound	-	49163	1096794	1672940	111253	569247	1903412
	gallon	289	29796	243707	447822	928447	119000	321020
Sunflower	pound	57	33224	1062736	1638882	108723	569247	1900882
	gallon	668	25470	172601	376716	907341	119000	299914
Pulses	pound	490	1990620	2697781	3273927	158414	1707641	1950573
	gallon	2346	543400	587292	791407	1322032	356999	1014605
Cotton	pound	5093	4260	1139038	1715184	115267	579247	1907426
	gallon	3108	1033	227214	431327	961952	129000	354525
Jute	pound	-	-	699910	1276056	107057	569247	1899216
	gallon	-	-	158690	362805	893430	119000	286003
Sugarcane	pound	126	957	981795	1557941	107588	559247	1899747
	gallon	72	269	163124	367239	897864	109000	390437
Potato	pound	-	1109234	1004057	1580203	107122	1138494	1899281
	gallon	114	1089	159336	363352	893977	237999	286550
Fruits and Vegetables	pound	1819	47906	1167311	1743457	113209	2276987	1905368
	gallon	143	12641	210136	414151	944776	475999	337349
Others	pound	88	700960	1011085	1587235	109696	2276987	1901844
	gallon	117	10413	180816	384831	915456	475999	408029

Source : Department of Agriculture.

**TABLE 9.20 AGRICULTURAL LOANS BY CROP**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million kyats

Crop	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>GRAND TOTAL</b>	34390.27	190679.89	1091404.88	1630623.88	1707708.95	1301614.55	1747472.90
<b>CEREALS</b>	29365.34	157536.51	994051.10	1536397.92	1461371.60	1200346.80	1289901.70
Paddy	29292.06	156494.46	993009.80	1535351.10	1457545.65	1197464.25	1278750.90
Maize	73.28	1042.05	1041.30	1046.82	3825.95	2882.55	11150.80
<b>OILSEEDS</b>	3363.40	17508.79	36777.40	36737.64	95042.15	71191.50	191310.20
Groundnut	1752.42	7101.94	12953.66	12271.54	34672.30	19965.70	76284.20
Sesamum	1562.13	10059.67	22639.90	23320.86	58018.60	51225.80	113775.90
Mustard	48.85	347.18	1183.84	1145.24	2351.25	-	1250.10
<b>FIBRES</b>	319.09	1405.39	1440.44	1397.18	3196.15	1558.70	5736.70
Cotton	319.09	1405.39	1440.44	1397.18	3196.15	1558.70	5736.70
<b>OTHERS</b>	1342.44	14229.20	59135.94	56091.14	148099.05	28517.55	260524.30
Pulses	1342.44	14229.20	51853.14	49182.74	140556.25	28517.55	253960.00
Sugarcane	-	-	7282.80	6908.40	7542.80	-	6564.30

Note : Maize is inclusive of Sorghum

Source : Myanma Agricultural Development Bank.

**TABLE 9.21 AGRICULTURAL LOANS BY STATES AND REGIONS**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

States and Regions	Year	Seasonality Loans			TOTAL
		Rain	Winter	Pre - Rain	
UNION	2015-2016	916448.00	156963.48	17993.40	1091404.88
	2016-2017	1401599.58	212661.70	16362.60	1630623.88
	2017-2018	1416704.30	272222.95	18781.70	1707708.95
	2018(Apr-Sep)	1301614.55	-	-	1301614.55
	2018-2019	1364708.10	366263.90	16500.90	1747472.90
Kachin State	2015-2016	19689.90	1847.56	-	21537.46
	2016-2017	30486.00	1845.30	-	32331.30
	2017-2018	31643.10	4031.70	-	35674.80
	2018(Apr-Sep)	27844.80	-	-	27844.80
Kayah State	2018-2019	29320.50	4405.30	-	33725.80
	2015-2016	1857.42	-	188.80	2046.22
	2016-2017	2738.54	-	299.85	3038.39
	2017-2018	3211.55	-	314.85	3526.40
Kayin State	2018(Apr-Sep)	3269.10	-	-	3269.10
	2018-2019	3885.20	-	306.90	4192.10
	2015-2016	647.44	423.74	130.30	1201.48
	2016-2017	1071.14	594.83	170.30	1836.27
Chin State	2017-2018	7431.45	588.60	116.60	8136.65
	2018(Apr-Sep)	7204.05	-	-	7204.05
	2018-2019	6155.40	375.45	85.90	6616.75
	2015-2016	5526.62	-	-	5526.62
Sagaing Region	2016-2017	9079.65	-	-	9079.65
	2017-2018	1151.45	-	-	1151.45
	2018(Apr-Sep)	1077.25	-	-	1077.25
	2018-2019	1046.00	-	-	1046.00
Taninthayi Region	2015-2016	129577.34	17408.86	6051.70	153037.90
	2016-2017	196789.64	21226.66	4872.20	222888.50
	2017-2018	217057.25	34352.55	5514.75	256924.55
	2018(Apr-Sep)	203333.35	-	-	203333.35
Bago Region	2018-2019	231508.10	43964.65	3802.60	279275.35
	2015-2016	11744.90	166.20	-	11911.10
	2016-2017	17918.85	163.35	-	18082.20
	2017-2018	17199.90	124.95	-	17324.85
Bago Region	2018(Apr-Sep)	16659.90	-	-	16659.90
	2018-2019	16310.10	115.65	-	16425.75
	2015-2016	213510.42	15898.72	5672.10	235081.24
	2016-2017	333437.23	14563.73	2263.60	350264.56
Bago Region	2017-2018	313196.30	45052.95	1536.20	359785.45
	2018(Apr-Sep)	287504.60	-	-	287504.60
Bago Region	2018-2019	278844.85	93167.35	4621.45	376633.65

**TABLE 9.21 AGRICULTURAL LOANS BY STATES AND REGIONS (concl'd)**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

States and Regions	Year	Seasonality Loans			TOTAL
		Rain	Winter	Pre - Rain	
Magway Region	2015-2016	50858.02	3988.54	1222.70	56069.26
	2016-2017	70807.50	5107.22	1284.70	77199.42
	2017-2018	97164.75	9115.15	1680.00	107959.90
	2018(Apr-Sep)	94647.05	-	-	94647.05
	2018-2019	132894.30	9940.35	1463.05	144297.70
Mandalay Region	2015-2016	66264.84	5834.36	1693.10	73792.30
	2016-2017	93880.11	7826.97	3006.05	104713.13
	2017-2018	116624.25	11826.05	4729.35	133179.65
	2018(Apr-Sep)	108628.60	-	-	108628.60
	2018-2019	147555.20	16310.25	1909.30	165774.75
Mon State	2015-2016	29421.30	2295.34	4.50	31721.14
	2016-2017	45211.05	3317.26	6.60	48534.91
	2017-2018	43656.45	4533.45	7.00	48196.90
	2018(Apr-Sep)	42874.80	-	-	42874.80
	2018-2019	42233.85	6676.50	10.00	48920.35
Rakhine State	2015-2016	48508.70	1281.30	-	49790.00
	2016-2017	80521.05	1456.66	27.80	82005.51
	2017-2018	86181.15	2408.55	25.00	88614.70
	2018(Apr-Sep)	84342.00	-	-	84342.00
	2018-2019	79857.60	3173.70	-	83031.30
Yangon Region	2015-2016	81533.10	17398.42	320.60	99252.12
	2016-2017	123039.45	24718.51	348.10	148106.06
	2017-2018	119047.20	33983.45	337.70	153368.35
	2018(Apr-Sep)	92703.60	-	-	92703.60
	2018-2019	87498.60	42225.75	7.20	129731.55
Shan State	2015-2016	10824.22	153.84	2575.20	13553.26
	2016-2017	18337.55	177.73	3966.80	22482.08
	2017-2018	20293.50	399.65	4401.05	25094.20
	2018(Apr-Sep)	19295.00	-	-	19295.00
	2018-2019	22587.20	679.15	4051.20	27317.55
Ayeyawady Region	2015-2016	232461.50	90196.00	-	322657.50
	2016-2017	357984.45	131596.02	-	489580.47
	2017-2018	322390.20	125600.35	-	447990.55
	2018(Apr-Sep)	292599.90	-	-	292599.90
	2018-2019	264865.65	144855.60	-	409721.25
Nay Pyi Taw	2015-2016	14022.28	70.60	134.40	14227.28
	2016-2017	20297.37	67.46	116.60	20481.43
	2017-2018	20455.80	205.55	119.20	20780.55
	2018(Apr-Sep)	19630.55	-	-	19630.55
	2018-2019	20145.55	374.20	243.30	20763.05

Source : Myanma Agricultural Development Bank.

**TABLE 9.22 SHORT TERM AND LONG TERM LOANS TO CULTIVATORS**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TOTAL LOAN</b>	(Million Kyats)	<b>3261.21</b>	<b>8947.56</b>	<b>3615.06</b>	<b>3613.52</b>	<b>16865.55</b>	<b>27010.93</b>	<b>97740.38</b>
<b>TRACTORS</b>								
<b>JICA (Two Step Loan)</b>								
Township	No	-	-	-	-	69	85	148
Borrowers	No	-	-	-	-	232	317	946
Units	No	-	-	-	-	232	317	946
Loans	(Million Kyats)	-	-	-	-	8929.68	11910.21	38362.88
<b>COMBINE HARVESTER</b>								
<b>JICA (Two Step Loan)</b>								
Township	No	-	-	-	-	50	63	109
Borrowers	No	-	-	-	-	146	251	1081
Units	No	-	-	-	-	146	251	1081
Loans	(Million Kyats)	-	-	-	-	6223.37	10810.59	49618.97
<b>POWER TILLERS</b>								
<b>JICA (Two Step Loan)</b>								
Township	No	-	-	-	-	3	6	4
Borrowers	No	-	-	-	-	6	8	6
Units	No	-	-	-	-	6	8	6
Loans	(Million Kyats)	-	-	-	-	15.42	24.28	16.85
<b>TROLLERGY</b>								
<b>JICA (Two Step Loan)</b>								
Township	No	-	-	-	-	10	12	21
Borrowers	No	-	-	-	-	42	40	92
Units	No	-	-	-	-	42	40	92
Loans	(Million Kyats)	-	-	-	-	300.03	305.04	754.87
<b>RICE MILL</b>								
<b>JICA (Two Step Loan)</b>								
Township	No	-	-	-	-	1	-	1
Borrowers	No	-	-	-	-	1	-	1
Units	No	-	-	-	-	1	-	1
Loans	(Million Kyats)	-	-	-	-	50.00	-	50.00
<b>PUMP SETS</b>								
Townships	No.	7	32	-	-	-	-	-
Borrowers	No.	25	142	-	-	-	-	-
Unit	No.	25	142	-	-	-	-	-
Loans	(Million Kyats)	7.28	68.57	-	-	-	-	-
<b>POWER TILLERS</b>								
Townships	No.	136	150	-	-	-	-	-
Borrowers	No.	2474	2847	-	-	-	-	-
Unit	No.	2470	2847	-	-	-	-	-
Loans	(Million Kyats)	1911.61	4770.45	-	-	-	-	-
<b>SOLAR-SALT PRODUCTION</b>								
Townships	No.	3	1	-	-	-	-	-
Borrowers	No.	159	107	-	-	-	-	-
Loans	(Million Kyats)	75.00	60.00	-	-	-	-	-
<b>GREEN TEA</b>								
Townships	No.	4.00	-	-	-	-	-	-
Borrowers	No.	853.00	-	-	-	-	-	-
Acre	No.	2234.00	-	-	-	-	-	-
Loans	(Million Kyats)	82.41	-	-	-	-	-	-
<b>COFFEE</b>								
Townships	No.	-	1	-	-	-	-	-
Borrowers	No.	-	1	-	-	-	-	-
Acre	No.	-	-	-	-	-	-	-
Loans	(Million Kyats)	-	50.00	-	-	-	-	-



**TABLE 9.22 SHORT TERM AND LONG TERM LOANS TO CULTIVATORS(cont'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>THRESHER</b>								
Townships	No.	5	9	-	-	-	-	-
Borrowers	No.	675	26	-	-	-	-	-
Unit	No.	4888	26	-	-	-	-	-
Loans	(Million Kyats)	24.44	51.72	-	-	-	-	-
<b>SPECIAL PROJECT</b>								
Townships	No.	-	1	1	1	-	-	-
Borrowers	No.	-	1	1	1	-	-	-
Loans	(Million Kyats)	-	1000.00	3000.00	3000.00	-	-	-
<b>SUGARCANE</b>								
Townships	No.	-	3	-	-	-	-	-
Borrowers	No.	1	1878	-	-	-	-	-
Acre	No.	1	15144	-	-	-	-	-
Loans	(Million Kyats)	200	151.44	-	-	-	-	-
<b>OIL PALM</b>								
Townships	No.	-	-	-	-	-	-	-
Borrowers	No.	4	-	-	-	-	-	-
Items	No.	5522	-	-	-	-	-	-
Loans	(Million Kyats)	42950	-	-	-	-	-	-
<b>GREEN TEA PROCESSING</b>								
Townships	No.	3	5	6	6	6	6	-
Borrowers	No.	6	3573	3118	3117	3001	3450	-
Unit	No.	-	35310	30753	30676	26941	30395	-
Loans	(Million Kyats)	767.20	706.20	615.06	613.52	1347.05	1519.75	-
<b>ENGINE</b>								
Townships	No.	5	75	-	-	-	-	-
Borrowers	No.	481	787	-	-	-	-	-
Items	No.	4390	787	-	-	-	-	-
Loans	(Million Kyats)	43.90	238.96	-	-	-	-	-
<b>CITRONELLA GRASS</b>								
Townships	No.	-	1	-	-	-	-	-
Borrowers	No.	-	18	-	-	-	-	-
Acre	No.	-	180	-	-	-	-	-
Loans	(Million Kyats)	-	3.00	-	-	-	-	-
<b>MAY YU RUBBER PLANTATION</b>								
Townships	No.	2	-	-	-	-	-	-
Borrowers	No.	18	-	-	-	-	-	-
Acre	No.	118	-	-	-	-	-	-
Loans	(Million Kyats)	1.77	-	-	-	-	-	-
<b>VEHICLE FOR FARM USE</b>								
Townships	No.	-	83	-	-	-	-	-
Borrowers	No.	-	742	-	-	-	-	-
Acre	No.	-	742	-	-	-	-	-
Loans	(Million Kyats)	-	1847.23	-	-	-	-	-

**TABLE 9.22 SHORT TERM AND LONG TERM LOANS TO CULTIVATORS(concl'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Machinery Equipment for Agri Business</b>								
<b>MEB (Two Step Loan)(Short term loan)</b>								
Township	No	-	-	-	-	-	37	49
Borrowers	No	-	-	-	-	-	210	833
Units	No	-	-	-	-	-	210	833
Loans	(Million Kyats)	-	-	-	-	-	2047.56	6713.36
<b>Agriculture Enterprise</b>								
<b>MEB (Two Step Loan)(Short term loan)</b>								
Township	No	-	-	-	-	-	2	3
Borrowers	No	-	-	-	-	-	2	5
Units	No	-	-	-	-	-	2	5
Loans	(Million Kyats)	-	-	-	-	-	57.50	89.50
<b>Live Stock Breeding enterprises</b>								
<b>MEB (Two Step Loan)(Short term loan)</b>								
Township	No	-	-	-	-	-	6	6
Borrowers	No	-	-	-	-	-	8	11
Units	No	-	-	-	-	-	8	11
Loans	(Million Kyats)	-	-	-	-	-	138.00	104.00
<b>Based on Agriculture</b>								
<b>MEB (Two Step Loan)(Short term loan)</b>								
Township	No	-	-	-	-	-	5	4
Borrowers	No	-	-	-	-	-	9	3666
Units	No	-	-	-	-	-	9	3666
Loans	(Million Kyats)	-	-	-	-	-	123.00	1954.95
<b>Agriculture Enterprise</b>								
<b>MEB (Two Step Loan)(Long term Loan)</b>								
Township	No	-	-	-	-	-	1	7
Borrowers	No	-	-	-	-	-	1	1
Units	No	-	-	-	-	-	1	1
Loans	(Million Kyats)	-	-	-	-	-	75.00	75.00

Source : Myanmar Agricultural Development Bank.

**TABLE 9.23 EQUIPMENT FOR PLANT PROTECTION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Commodity	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Total</b>	12529	10865	1437079	1437079	1437079	1437079	1437079
Duster (Manual)	1078	965	79839	79839	79839	79839	79839
Duster (Power)	22	11	124	124	124	124	124
Sprayer (Manual)	9821	8474	1177529	1177529	1177529	1177529	1177529
Sprayer (Power)	547	478	179587	179587	179587	179587	179587
Mist Blower Duster	403	353	-	-	-	-	-
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, 2015/2016-2018/2019, absolute values in thousand number

Description	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018-2019 *
<b>IMPLEMENTS</b>	10573	10962	11131	11095	11145	11145
Ploughs	3018	3085	3081	3059	3043	3035
Harrows	3126	3182	3217	3200	3245	3231
Mamooties and Spades	4429	4695	4833	4836	4857	4879
<b>MACHINERIES</b>	875	967	1029	1041	1062	1068
Seed Drills (Harrow)	93	94	98	98	98	98
Seed Drills (Plough)	21	23	23	23	26	26
Rotary Harrows	571	632	622	603	602	602
Water Pumps	179	207	267	290	305	308
Tractors	11	11	19	27	31	34
<b>VEHICLES</b>	1795	1769	1758	1742	1732	1712
Carts	1795	1769	1758	1742	1732	1712

Note: \* Agriculture Year ( 1 July to 30 June)

Source : Department of Agricultural Land Management and Statistics.

**TABLE 9.25 SERVICE PROVIDING OF FARM MACHINERY BY AGRICULTURAL MECHANIZATION STATIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in number

States and Regions	A . M . S		Wheel Tractor				
	No	Location	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018
<b>Union</b>			<b>2884</b>	<b>2024</b>	<b>2311</b>	<b>2416</b>	<b>2150</b>
Kachin State	90	Bamaw	20	21	15	14	13
	93	Hopin	22	13	17	17	21
	55	Moegaung	21	21	19	19	19
	79	Myitkyina	28	24	15	15	15
	(Sub)	Shweku	10	16	11	11	11
	(Sub)	Moenyin	-	10	6	8	11
	(Sub)	Putao	-	6	4	7	9
	(Sub)	Taning	-	15	10	10	10
	(Sub)	Waingmaw	-	8	10	10	10
		<b>Total</b>	101	134	107	111	119
Kayah State	86	Lokaw	53	37	45	43	40
		<b>Total</b>	53	37	45	43	40
Kayin State	20	Hpa-an	26	12	32	36	23
	(Sub)	Kawkareik	10	9	8	7	5
		<b>Total</b>	36	21	40	43	28
Chin State		Hakha	-	-	-	-	2
		<b>Total</b>	-	-	-	-	2
Sagaing Region	62	Budalin	14	14	13	12	10
	39	Chaung Oo	17	11	14	13	13
	2	Kalay	37	17	24	23	20
	40	Kantbalu	20	15	12	15	15
	1	Katha	39	26	25	24	24
	4	Monywa	23	11	18	13	13
	59	Myaung	20	13	9	10	10
	42	Myinmu	15	16	7	10	10
	5	Sagaing	20	15	10	10	10
	22	Salingyi	15	17	8	5	5
	3	Shwebo	24	22	22	18	20
	61	Wetlet	20	17	21	23	23
	21	Ye-Oo	35	18	14	18	16
	41	Yinmabin	20	14	13	10	13
	(Sub)	Tamu	15	12	10	14	14
	(Sub)	Kawlin	-	7	11	13	13
		<b>Total</b>	334	245	231	231	229

**TABLE 9.25 SERVICE PROVIDING OF FARM MACHINERY BY AGRICULTURAL MECHANIZATION STATIONS(cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in number

States and Regions	A.M.S		Tractor	Combine Harvester	Transplanter	Tractor	Combine Harvester	Transplanter
	No	Location	2018 (Apr-Sep)			2018-2019		
<b>Union</b>			<b>1440</b>	<b>299</b>	<b>48</b>	<b>1441</b>	<b>319</b>	<b>65</b>
Kachin State	90	Bamaw	5	-	-	5	1	-
	93	Hopin	14	-	-	14	3	-
	55	Moegaung	10	-	-	10	1	-
	79	Myitkyina	5	-	-	5	1	-
	(Sub)	Shweku	5	-	-	5	-	-
	(Sub)	Moenyin	5	-	-	5	-	-
	(Sub)	Putao	5	-	-	5	-	-
	(Sub)	Taning	5	-	-	5	-	-
	(Sub)	Waingmaw	5	-	-	5	-	-
		<b>Total</b>	<b>59</b>	<b>-</b>	<b>-</b>	<b>59</b>	<b>6</b>	<b>-</b>
Kayah State	86	Lokaw	30	2	-	30	2	1
		<b>Total</b>	<b>30</b>	<b>2</b>	<b>-</b>	<b>30</b>	<b>2</b>	<b>1</b>
Kayin State	20	Hpa-an	22	5	-	22	4	-
	(Sub)	Kawkareik	5	-	-	5	-	-
		<b>Total</b>	<b>27</b>	<b>5</b>	<b>-</b>	<b>27</b>	<b>4</b>	<b>-</b>
Chin State		Hakha	-	-	-	-	-	-
		<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Sagaing Region	62	Budalin	10	1	-	10	1	-
	39	Chaung Oo	10	1	-	10	1	1
	2	Kalay	15	3	-	15	3	2
	40	Kantbalu	15	3	2	15	3	4
	1	Katha	15	3	-	15	3	-
	4	Monywa	10	1	-	10	1	-
	59	Myaung	10	2	-	10	2	-
	42	Myinmu	10	2	-	10	2	-
	5	Sagaing	10	2	-	10	2	-
	22	Salingyi	5	1	-	5	1	-
	3	Shwebo	15	9	2	15	9	2
	61	Wetlet	15	4	2	15	4	5
	21	Ye-Oo	15	4	-	15	4	2
	41	Yinmabin	10	2	-	10	2	-
	(Sub)	Tamu	10	1	-	10	1	-
	(Sub)	Kawlin	10	1	-	10	1	-
		<b>Total</b>	<b>185</b>	<b>40</b>	<b>6</b>	<b>185</b>	<b>40</b>	<b>16</b>

**TABLE 9.25 SERVICE PROVIDING OF FARM MACHINERY BY AGRICULTURAL MECHANIZATION STATIONS(cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in number

States and Regions	A .M .S		Wheel Tractor				
	No.	Location	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018
Taninthayi Region	91	Dawei	18	10	15	14	10
	95	Myeik	19	7	12	13	13
		<b>Total</b>	37	17	27	27	23
Bago Region	98	Oaktwin	25	18	39	30	29
	(Sub)	Paung Tale	-	-	-	21	21
	16	Oakpho	22	11	12	23	22
	27	Minhla	20	15	23	33	30
	34	Ohnne	25	18	13	25	15
	50	Waw	31	20	12	13	7
	12	Nyaunglaybin	25	18	17	16	10
	70	Kyauktaga	20	10	16	18	18
	58	Paukkaung	40	19	18	37	37
	24	Daik Oo	30	28	30	25	15
	30	Pyay	61	27	23	58	58
	45	Nattalin	20	15	16	37	37
	14	Tharyarwady	35	18	36	35	35
	32	Gyobingauk	25	16	25	35	35
	76	Moenyo	25	14	12	25	25
	11	Taungoo	38	16	25	22	19
	73	Thananapin	25	20	20	19	19
	31	Phayargyi	26	12	18	17	5
	48	Yedashay	39	25	20	21	20
	87	Phyu	64	26	33	28	19
94	Thegone	35	26	20	44	44	
	<b>Total</b>	631	372	428	582	520	
Magway Region	10	Aunglan	60	20	21	22	15
	29	Magwe	40	12	27	12	11
	8	Minbu	20	12	14	13	10
	7	Pakokku	27	13	15	13	10
	46	Pwintphyu	32	16	30	26	21
	69	Sinbyukyan	30	12	16	14	10
	71	Taungdwingyi	35	31	31	30	15
	(Sub)	Gant gaw	20	4	13	12	9
	<b>Total</b>	279	120	167	142	101	

**TABLE 9.25 SERVICE PROVIDING OF FARM MACHINERY BY AGRICULTURAL MECHANIZATION STATIONS(cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in number

States and Regions	A.M.S		Tractor	Combine Harvester	Transplanter	Tractor	Combine Harvester	Transplanter
	No.	Location	2018 (Apr-Sep)			2018-2019		
Taninthayi Region	91	Dawei	10	-	-	10	3	-
	95	Myeik	13	-	-	13	2	-
		<b>Total</b>	23	-	-	23	5	-
Bago Region	98	Oaktwin	25	4	-	15	4	-
	(Sub)	Paung Tale	20	5	-	20	3	-
	16	Oakpho	10	-	-	10	5	-
	27	Minhla	20	3	1	20	3	1
	34	Ohnne	10	1	1	10	1	-
	50	Waw	3	1	-	8	1	-
	12	Nyaunglaybin	10	2	-	10	2	-
	70	Kyauktaga	10	1	-	10	1	-
	58	Paukkhaung	25	6	-	23	6	-
	24	Daik Oo	15	3	1	15	3	-
	30	Pyay	30	6	2	30	6	2
	45	Nattalin	25	5	-	25	5	-
	14	Tharyarwady	20	2	1	20	2	1
	32	Gyobingauk	20	1	-	20	1	-
	76	Moeyo	15	-	-	15	-	-
	11	Taungoo	14	2	1	14	2	2
	73	Thananapin	5	2	-	7	2	-
	31	Phayargyi	5	2	1	8	2	1
	48	Yedashay	8	-	1	8	-	1
	87	Phyu	10	3	1	10	-	-
94	Thegone	25	6	-	25	6	-	
	<b>Total</b>	325	55	10	323	55	8	
Magway Region	10	Aunglan	15	3	1	15	3	1
	29	Magwe	10	1	-	10	1	-
	8	Minbu	10	3	1	10	3	1
	7	Pakokku	10	2	1	10	2	1
	46	Pwintphyu	20	7	1	20	7	2
	69	Sinbyukyan	10	3	1	10	3	1
	71	Taungdwingyi	15	2	1	15	2	1
	(Sub)	Gant gaw	5	1	-	5	1	-
		<b>Total</b>	95	22	6	95	22	7

**TABLE 9.25 SERVICE PROVIDING OF FARM MACHINERY BY AGRICULTURAL MECHANIZATION STATIONS(cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in number

States and Regions	A . M . S		Wheel Tractor				
	No.	Location	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018
Mandalay Region	63	Amarapura	25	16	14	13	10
	82	Kyaukpadaung	21	14	8	10	10
	81	Kyaukse	20	18	16	17	16
	43	Madaya	20	16	14	23	36
	66	Mahlaing	20	19	16	13	12
	25	Meiktila	25	20	16	16	16
	6	Myingyan	30	20	22	19	10
	64	Myittha	79	61	31	50	34
	44	Nahtoegyí	20	17	7	12	10
	99	Nyaung-Oo	25	16	9	8	6
	80	Patheingyi	32	20	14	18	10
	67	Pyawbwe	20	14	17	16	16
	74	Singaing	20	16	18	18	10
	23	Tada-Oo	20	12	11	12	11
	26	Thazi	20	16	10	13	13
	60	Wundwin	25	18	20	23	18
	28	Yamethin	20	20	18	18	18
		<b>Total</b>	<b>442</b>	<b>333</b>	<b>261</b>	<b>299</b>	<b>256</b>
Mon State	54	Mawlamyine	28	18	25	29	22
	88	Thaton	27	15	29	22	21
	37	Beelin	45	18	23	21	13
	83	Kyaikhto	23	17	22	20	10
		<b>Total</b>	<b>143</b>	<b>68</b>	<b>99</b>	<b>92</b>	<b>66</b>
Rakhine State	72	Sittwe	35	27	33	31	20
	89	Kyauktaw	38	26	49	49	35
	(Sub)	Kyaukphyu	-	5	7	7	6
		<b>Total</b>	<b>73</b>	<b>58</b>	<b>89</b>	<b>87</b>	<b>61</b>
Yangon Region	35	Htauk kyant	31	16	23	20	23
	77	Taikkyi	22	17	26	25	20
	18	Thanlyin	32	31	26	29	19
	36	Kawhmu	18	9	10	16	13
	(Sub)	Htantabin	10	5	8	5	5
		Mobine Station	-	50	42	36	29
		<b>Total</b>	<b>113</b>	<b>128</b>	<b>135</b>	<b>131</b>	<b>109</b>



**TABLE 9.25 SERVICE PROVIDING OF FARM MACHINERY BY AGRICULTURAL MECHANIZATION STATIONS(cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in number

States and Regions	A.M.S		Tractor	Combine Harvester	Transplanter	Tractor	Combine Harvester	Transplanter
	No.	Location	2018 (Apr-Sep)			2018-2019		
Mandalay Region	63	Amarapura	10	5	1	10	5	1
	82	Kyaukpadaung	10	-	-	10	-	-
	81	Kyaukse	10	5	-	10	5	-
	43	Madaya	25	15	3	25	10	2
	66	Mahlaing	10	-	-	10	-	-
	25	Meiktila	10	-	-	10	-	-
	6	Myingyan	10	3	-	10	3	-
	64	Myittha	25	9	1	25	9	1
	44	Nahtoegy	10	1	-	10	1	-
	99	Nyaung-Oo	5	-	-	5	-	-
	80	Patheingyi	10	2	-	10	2	-
	67	Pyawbwe	10	2	-	10	2	-
	74	Singaing	10	2	-	10	2	-
	23	Tada-Oo	10	-	-	10	-	-
	26	Thazi	10	1	-	10	1	-
	60	Wundwin	10	3	-	10	3	-
	28	Yamethin	10	-	1	10	-	1
			<b>Total</b>	195	48	6	195	43
Mon State	54	Mawlamyine	22	6	-	22	6	-
	88	Thaton	20	7	-	20	7	2
	37	Beelin	10	2	1	10	2	1
	83	Kyaikhto	10	2	-	10	2	-
			<b>Total</b>	62	17	1	62	17
Rakhine State	72	Sittwe	15	-	-	15	15	-
	89	Kyauktaw	30	-	-	30	8	-
	(Sub)	Kyaukphyu	2	-	-	2	-	-
		<b>Total</b>	47	-	-	47	23	-
Yangon Region	35	Htauk kyant	15	8	5	15	8	5
	77	Taikkyi	10	3	1	10	3	3
	18	Thanlyin	10	3	-	10	3	-
	36	Kawhmu	12	1	-	12	1	2
	(Sub)	Htantabin	5	1	-	5	1	-
		Mobine Station	-	-	-	-	-	-
		<b>Total</b>	52	16	6	52	16	10

**TABLE 9.25 SERVICE PROVIDING OF FARM MACHINERY BY AGRICULTURAL MECHANIZATION STATIONS (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in number

States and Regions	A . M . S		Wheel Tractor				
	No.	Location	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018
Shan State	92	Kengtung	19	18	23	21	21
	85	Shwenyaung	39	41	52	59	48
	65	Aungban	31	20	25	20	17
	96	Kyaukme	25	25	30	34	32
	56	Lashio	30	30	36	34	32
	(Sub)	Tachileik	8	12	14	11	11
	(Sub)	Kunlone	8	8	7	8	8
	(Sub)	Nantsan	27	10	13	10	10
		<b>Total</b>	202	164	200	197	179
Ayeyawady Region	51	Pathein	22	16	28	21	17
	33	Danubyu	20	19	26	18	18
	15	Hinthada	30	17	29	24	25
	9	Kyaungone	16	15	18	14	13
	97	Laputta	-	5	12	17	14
	19	Maubin	28	15	18	20	19
	53	Mawlamyingunn	20	14	13	13	9
	13	Myanaung	25	15	24	21	31
	38	Myaungmya	15	13	17	14	14
	52	Nyaungdon	25	17	17	21	16
	57	Pantanaw	20	18	19	18	12
	75	kytelat	15	9	13	18	18
	78	Wakema	25	18	18	17	13
	17	Yegyí	29	11	23	24	24
	49	Zalun	21	11	17	17	15
	(Sub)	Ainme	15	11	19	11	11
	(Sub)	Ingapu	15	15	19	24	24
	(Sub)	Laymyaknar	14	10	18	22	20
		<b>Total</b>	355	249	348	334	313
Nay Pyi Taw	68	Tatkone	20	20	18	13	15
	84	Pyinmana	35	33	28	24	25
	47	Lewe	30	25	34	23	25
		Mechanized Farm	-	-	54	37	39
		<b>Total</b>	85	78	134	97	104

**TABLE 9.25 SERVICE PROVIDING OF FARM MACHINERY BY AGRICULTURAL MECHANIZATION STATIONS(concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in number

States and Regions	A.M.S		Tractor	Combine Harvester	Transplanter	Tractor	Combine Harvester	Transplanter
	No.	Location	2018 (Apr-Sep)			2018-2019		
Shan State	92	Kengtung	5	-	-	5	-	-
	85	Shwenyaung	25	2	-	25	2	-
	65	Aungban	10	-	-	10	-	-
	96	Kyaukme	15	1	-	15	1	-
	56	Lashio	15	1	-	15	1	-
	(Sub)	Tachileik	5	-	-	5	-	-
	(Sub)	Kunlone	4	-	-	4	-	-
	(Sub)	Nantsan	5	-	-	5	-	-
		<b>Total</b>	84	4	-	84	4	-
Ayeyawady Region	51	Pathein	10	5	2	10	5	2
	33	Danubyu	15	2	-	16	2	-
	15	Hinthada	15	3	1	15	3	-
	9	Kyaungone	10	3	-	10	3	2
	97	Laputta	10	2	-	10	3	-
	19	Maubin	10	3	-	10	3	-
	53	Mawlamyingunn	5	3	-	5	3	-
	13	Myanaung	20	5	1	20	5	4
	38	Myaungmya	10	3	-	10	3	-
	52	Nyaungdon	10	3	-	10	3	-
	57	Pantanaw	10	3	-	10	3	-
	75	kytelat	10	2	-	11	2	-
	78	Wakema	5	2	-	5	2	-
	17	Yegyi	15	3	-	16	4	-
	49	Zalun	10	2	-	10	2	-
	(Sub)	Ainme	10	2	-	10	2	-
	(Sub)	Ingapu	10	2	-	10	2	-
(Sub)	Laymyaknar	10	2	-	10	2	-	
		<b>Total</b>	195	50	4	198	52	8
Nay Pyi Taw	68	Tatkone	12	10	1	12	10	1
	84	Pyinmana	24	15	4	24	10	3
	47	Lewe	25	15	4	25	10	3
		Mechanized Farm	-	-	-	-	-	-
		<b>Total</b>	61	40	9	61	30	7

Notes : Described Service Providing Farm Machinery by Agriculture Mechanization Stations (A.M.S) under the Government Sector.

1. The AMD provides the Wheel Tractors for land preparation including the old tractors up to 2017-2018(April-March).
2. The Farm Machinery for service providing of land preparation with Tractors, transplanting with Transplanters and harvesting with Combine Harvesters are listed in 2018 (April-September).

Source : Agricultural Mechanization Department(AMD).

METHODOLOGY SHEET | **Prices of Crops**

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

**TABLE 9.26 PRICES OF SELECTED CROPS AT HARVEST TIME**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in kyat per unit

Crop	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Paddy</b>								
Summer	100 Basket	n.a	350000	579800	552100	580000	662900	450000
Monsoon	100 Basket	n.a	398000	517100	537000	595000	750400	500000
Wheat	Ton	266622	371265	465206	400075	497778	607267	518500
<b>Maize</b>								
Grain	Ton	116072	216454	326124	284144	361290	332357	293100
Cobs	100cobs	3300	3600	11200	13400	16291	11700	17300
Leaf sheath	Ton	139999	311111	-	-	-	-	-
<b>Millet</b>	Ton	87432	259580	352740	316078	321151	375391	407000
<b>Pulses</b>								
Matpe(Black gram)	Ton	395111	664449	1114345	1110627	555334	558704	760480
Pedisein(Green gram)	Ton	406528	704255	1018290	811567	832222	764248	101600
Butter bean	Ton	260034	495241	647797	958856	1136232	1010123	922600
Bocate(Cow pea)	Ton	287155	432963	712491	744151	626889	572953	889000
Sultani	Ton	245750	303535	497893	574542	722319	665268	800000
Sultapya	Ton	285031	479266	527192	528546	473948	827730	800000
Peboke(Soy bean)	Ton	258844	414592	610680	642733	855556	691482	684440
Gram(Chick pea)	Ton	368463	591095	609083	1040083	1348667	683835	954600
Pelun	Ton	290888	670573	649568	753298	598889	708717	904000
Pesingon(Pigeon pea)	Ton	269111	698131	798655	891426	612889	656048	653300
Peyin(Rice bean)	Ton	241888	505226	609517	554878	734223	550709	741500
Pebyugale(Duffin bean)	Ton	217507	492046	627040	680849	827826	795010	876500
Pegyi(Lablab bean)	Ton	341194	750850	833923	844836	973913	976819	1091100
Sadawpe(Garden pea)	Ton	473511	509819	774741	876369	1151111	882777	812000
Peyazar(Lentil bean)	Ton	298666	857353	941558	637755	1026667	582628	1711000
Penauk(Krishna mung)	Ton	283111	857353	698130	727196	964444	559980	1160400
Pegya(Lima bean)	Ton	262956	383413	599082	652836	779130	640533	844000
<b>Groundnut</b>								
Rain	Ton	395136	674791	1392969	2075942	1142400	1369984	1991104
Winter	Ton	407680	920651	1159984	2325389	1197683	1573645	1711000
<b>Sesamum</b>								
Early	Ton	529781	991754	1749858	1497138	1379259	1669363	-
Late	Ton	574103	872663	1570263	1481956	1357433	1690600	1737500

**TABLE 9.26 PRICES OF SELECTED CROPS AT HARVEST TIME(concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in kyat per unit

Crop	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Mustard	Ton	343777	588480	753284	907920	1088889	948660	1047600
Sunflower	Ton	382200	675166	872686	885990	1400000	845040	995500
<b>Cotton</b>								
Wagi	Ton	-	-	528887	673629	673629	612390	673629
Mahlaing 5/6	Ton	-	-	528887	673629	673629	612390	673629
Long staple	Ton	311110	622222	699998	857346	734868	734868	796107
<b>Jute (d)</b>								
Special grade	Ton	55999	236444	404177	404177	-	-	-
First grade	Ton	49778	217778	336814	336814	398060	420000	489912
Second grade	Ton	43555	186667	244956	244956	306200	306200	367434
Third grade	Ton	37333	149333	-	-	-	-	-
Kenaf	Ton	-	118222	48800	336875	398060	420000	489912
Rubber	Ton	873600	1411200	1344820	1741650	1543235	1851881	1719604
Sugarcane	Ton	7500	18000	30000	47650	38000	-	38500
Toddy Palm	Ton	622220	703111	673750	857500	-	-	-
Tobacco (Myanmar)	Ton	855552	2082500	1087187	1102500	2065350	2327500	3421000
Tobacco (Virginia)	Ton	622220	1544500	812788	837288	583100	1531250	-
Betel nut	Ton	1095107	1225000	3193575	3324650	4654164	2813825	4044000
Betel leaves	Ton	622220	2958375	2258900	3435513	3674340	2615375	3733300
Chillies (Dry)	Ton	1175995	1296050	2194588	2976750	4347965	2792388	4277800
Chillies (Green)	Ton	398220	395675	1050438	1245213	1775931	1188250	933300
Onion	Ton	404443	252350	744188	1047988	857346	629650	1057800
Garlic	Ton	572442	1776250	1245212	2342813	1745312	1186413	1804400
Potato	Ton	255110	352188	527975	678650	704249	586775	644000
Coffee	Ton	808886	2450000	2250938	2660088	3540250	3600000	3800000
Tea (Green)	Ton	640886	490000	1251338	992250	2296463	1628025	1866660
Coconut	Each	210	400	350	573	450	485	500
Tapioca	Ton	174221	155556	619850	382813	581771	475913	622000
Plantain	Bunch	970	2730	3050	5681	4438	4654	3500
Thanatphet	Ton	395109	322050	2143750	2143750	2143365	2143750	-
Dhani	100 byits	11200	12500	12500	12300	17000	52200	-
Fodder (Straw)	100bundle	8500	28300	40000	-	60000	60000	60000

Source : Department of Agriculture.

## METHODOLOGY SHEET |Breeding and Raising

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

**TABLE 9.27 LIVESTOCK BREEDING**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Cattle	12150	13609	16060	16571	17646 (r)	9548	9907
Buffalo	2710	2977	3535	3641	3868	1862	1902
Sheep & Goat	2437	4084	7830	8786	10733	2096	2378
Pig	5786	9416	15255	16524	19273	5523	6069
Fowl	84829	156407	272096	296267	349171	64602	76565
Duck	9271	14051	21895	23636	27389	6631	7304
Turkey, Geese, Muscovy Duck	1439	1751	3072	3455	4267	4407	4498

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

**TABLE 9.28 NUMBER OF RAISING CROCODILE BY SIZE**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Size	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Total</b>	<b>774</b>	<b>501</b>	<b>529</b>	<b>550</b>	<b>551</b>	<b>536</b>	<b>549</b>
1 - feet	305	23	96	116	111	78	88
2 - feet	70	44	40	40	39	32	32
3 - feet	25	75	9	9	8	4	6
4 - feet	61	116	83	77	73	48	49
5 - feet	82	75	25	31	33	69	69
6 - feet	87	33	48	48	51	68	67
7 - feet	54	30	102	102	103	104	105
8 - feet	18	56	75	76	80	80	80
9 - feet	8	20	20	20	21	21	21
10 - feet	26	15	16	16	15	15	15
10 - feet (above)	38	14	15	15	17	17	17

Source : Department of Fisheries.

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

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



**TABLE 9.29 PRODUCTION OF MEAT, MILK AND EGG**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TOTAL MEAT</b>	Thousand Viss	681920	1213699	1820315	1860902	1939629	255049	565963
Beef	Thousand Viss	79553	143499	222288	232039	246416	31681	64734
Mutton	Thousand Viss	13328	25685	47957	49414	50654	3320	6888
Pork	Thousand Viss	203153	358451	537105	543818	564306 (r)	75393	159906
Fowl meat	Thousand Viss	345731	622112	924147	946169	983604	130727	301942
Duck meat	Thousand Viss	37425	60118	82492	83072	88216	5703	28411
Turkey, Geese, Muscovy-Duck	Thousand Viss	2730	3834	6326	6390	6433 (r)	8225	4082
<b>TOTAL EGGS</b>	Thousand Number	4395990	7827636	11616515	12318220	12644674 (r)	750613	1789434
Fowl egg	Thousand Number	3962561	7126154	10616122	11295284	11570627	707057	1587330
Duck egg	Thousand Number	433429	701482	1000393	1022936	1074047 (r)	43556	202104
<b>MILK</b>	Thousand Viss	601684	981664	1455423	1487924	1544223 (r)	591039	1218374
Fresh Milk <u>a/</u>	Thousand Viss	601684	981664	1455423	1487924	1544223 (r)	591039	1218374

Note : a/ Includes buffaloes milk

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

**TABLE 9.30 PRODUCTION OF FISH AND PRAWNS BY NATURE OF CATCH**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand viss

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TOTAL</b>	<b>1580051</b>	<b>2548037</b>	<b>3424413</b>	<b>3475629</b>	<b>3599328</b>	<b>1580868</b>	<b>3677576</b>
<b>Fresh Water Fisheries</b>	738141	1220107	1589222	1616142	1668971	693019	1675714
Fish Culture	351894	508254	621228	642214	692221	303433	694774
Leasable Fisheries	93447	153025	207411	207742	208840	75167	208899
Open Fisheries	292800	558828	760583	766186	767910	314419	772041
<b>Marine Fisheries</b>	841910	1327930	1835191	1859487	1930357	887849	2001862
In-shore Fishing	311507	491334	679021	688010	714232	328504	740689
Off-shore Fishing	530403	836596	1156170	1171477	1216125	559345	1261173

Source : Department of Fisheries.

**TABLE 9.31 PRODUCTION OF FISH AND PRAWNS BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand viss

States and Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>UNION</b>	<b>1580051</b>	<b>2548037</b>	<b>3424413</b>	<b>3475629</b>	<b>3599328</b>	<b>1580868</b>	<b>3677576</b>
Kachin State	11742	17906	20771	20210	20497	4995	20639
Kayah State	410	716	942	956	888	449	901
Kayin State	5763	9087	13865	13969	14084	7598	15015
Chin State	457	732	1265	1298	1338	646	1374
Sagaing Region	34878	57264	84625	83142	83568	23230	72805
Taninthayi Region	471552	703135	1066626	1081248	1156746	547610	1236101
Bago Region	131013	210346	286911	289324	291871	107887	282982
Magway Region	5470	10080	11351	11380	11408	3765	11415
Mandalay Region	27814	45851	46049	47361	47407	17430	47507
Mon State	90173	165404	170085	172624	174788	68659	173398
Rakhine State	96687	152507	171718	169077	171884	85647	175148
Yangon Region	149619	226238	330993	338004	355344	107956	358664
Shan State	3449	6265	7262	7369	7700	3512	7429
Ayeyawady Region	551024	942506	1209259	1236856	1258870	600409	1271261
Nay Pyi Taw	-	-	2691	2811	2935	1075	2937

Source : Department of Fisheries.

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

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Area of Fish and prawn Ponds	Acre	405855	448608	479743	489382	493392	494245	494353
Production of Fish and prawn Ponds	Thousand Viss	351894	508254	621228	642214	692221	303433	694774
Total Area of Leased Fisheries	Nos.	3452	3458	3312	3299	3243	3082	3076
Production of Leased Fisheries	Thousand Viss	93447	153025	207411	207742	208840	75167	208899

Source : Department of Fisheries.

**TABLE 9.33 HATCHERIES AND DISTRIBUTION OF FINGERLINGS**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Area of hatcheries	Acre	755	778	809	851	861	865	860
<b>Fingerlings distribution</b>	Thousand Nos	645528	796253	608698	644092	631168	485280	680032
(a)Carp group	Thousand Nos	575043	712371	478002	532134	507850	398205	530546
(b)A Variety of Fish	Thousand Nos	70485	83882	130696	111958	123318	87075	149486

Source : Department of Fisheries.

#### METHODOLOGY SHEET |Production of Leather, Feather, Pearl, Shell and Honey

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

**TABLE 9.34 PRODUCTION OF LEATHER (PRIVATE SECTOR)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Year	Hide and Skin	Skin (Goat and Sheep)
2005-2006	1150	1924
2010-2011	1868	3175
2015-2016	2682	4925
2016-2017	2794	5544
2017-2018	2972	5314
2018 (Apr-Sep)	171	200
2018-2019	350	417

Source : Livestock Breeding and Veterinary Department.

**TABLE 9.35 PRODUCTION OF FEATHER (PRIVATE SECTOR)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand pound

Year	Production
2005-2006	1779
2010-2011	3025
2015-2016	4287
2016-2017	4272
2017-2018	4499
2018 (Apr-Sep)	897
2018-2019	2074

Source : Livestock Breeding and Veterinary Department.

**TABLE 9.36 PEARL AND SHELL PRODUCTION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Year	Pearl (Momme)	Shell (Ton)
2005-2006	177692	85.16
2010-2011	291694	74.62
2015-2016	433612	137.00
2016-2017	512334	160.55
2017-2018	443137	171.12
2018 (Apr-Sep)	122800	62.48
2018-2019	568320	272.71

Source : Myanmar Pearl Enterprise.

**TABLE 9.37 PRODUCTION OF HONEY AND BY-PRODUCTS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in pound

Year	Honey	Medicated	Food stuff
2005-2006	968000	98940	385498
2010-2011	3656300	92941	70688
2015-2016	9668110	56188 *	11352 *
2016-2017	8597176	106458 *	12078 *
2017-2018	9631203	136614 *	19558 *
2018 (Apr-Sep)	4588113	105116 *	10340 *
2018-2019	10713083	128172 *	19668 *

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, 2015/2016-2018/2019, absolute values

Year	State	Private	Total Bee Colonies
2005-2006	5870	12725	18595
2010-2011	8150	48350	56500
2015-2016	6200	131976	138176
2016-2017	6200	148230	154430
2017-2018	6200	164930	171130
2018 (Apr-Sep)	6200	173580	179780
2018-2019	6200	189440	195640

Source : Livestock Breeding and Veterinary Department.

METHODOLOGY SHEET | **Fishing Vessel and Fishing Gear**

<b>Responsible Unit (Service or Structure)</b>	Department of Fisheries
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Fishing Vessel (off-shore), Fishing Vessel (in-shore) and Fishing Gear
<b>Classification Variables</b>	Fishing Vessel (off-shore), Fishing Vessel (in-shore) and Fishing Gear
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Fishing vessels and equipment
<b>Table</b>	9.39

**TABLE 9.39 FISHING VESSEL (OFF-SHORE), FISHING VESSEL (IN-SHORE) AND FISHING GEAR**  
Years 2005/2006, 2010/2011, 2015/2016-2018 /2019, absolute values

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Fishing Vessel (Off-shore)	2022	2592	3041	3216	3224	143	3216
Fishing Vessel (In-shore)	30460	29371	26414	26716	21886	9193	19199
Fishing Gear (One set of net)	31397	31101	32530	32979	28860	9419	27427

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

Source : Department of Fisheries.

METHODOLOGY SHEET | **Animal Health Services**

<b>Responsible Unit (Service or Structure)</b>	Livestock Breeding and Veterinary Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Animal health services by the livestock breeding and veterinary department, Artificial insemination of cow by States and Regions, Animal Feed Requirements
<b>Classification Variables</b>	Dosages of vaccination, Dosages of treatment, Animal feed
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Animal services and feed
<b>Tables</b>	9.40, 9.41, 9.42

**TABLE 9.40 ANIMAL HEALTH SERVICES BY THE LIVESTOCK BREEDING AND VETERINARY DEPARTMENT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Dosages of vaccination</b>							
Cattle	5659	6527	7366	7522	7926	2815	4039
Pig	681	753	855	733	699	293	569
Fowl	101281	121782	25614	17533	19055	6558	9936
<b>Dosages of treatment</b>							
Cattle	524	699	917	866	875	420	834
Pig	724	830	1069	1062	1068	510	990
Fowl	2038	2458	2336	2498	2402	1206	2145

Source : Livestock Breeding and Veterinary Department.

**TABLE 9.41 ARTIFICIAL INSEMINATION OF COW BY STATES AND REGIONS**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>UNION</b>	<b>6104</b>	<b>5984</b>	<b>28910</b>	<b>40867</b>	<b>46710</b>	<b>27065</b>	<b>97586</b>
Kachin State	-	-	60	355	532	254	652
Kayah State	-	-	74	198	187	93	16
Kayin State	-	-	287	277	267	94	741
Chin State	-	-	112	15	-	-	-
Sagaing Region	66	240	1174	2005	1662	1129	5909
Taninthayi Region	-	-	187	293	229	129	259
Bago Region	311	511	4821	5490	7409	5187	15586
Magway Region	74	-	448	986	1249	1326	9189
Mandalay Region	3088	2458	2681	5442	6071	3618	15161
Mon State	182	495	2030	2344	2562	1251	3139
Rakhine State	-	-	151	93	109	40	302
Yangon Region	2358	2280	14735	19975	22533	10981	32476
Shan State	-	-	295	546	489	500	2973
Ayeyawady Region	25	-	451	1497	2109	1744	9104
Nay Pyi Taw	-	-	1404	1351	1302	719	2079

Source : Livestock Breeding and Veterinary Department.

**TABLE 9.42 ANIMAL FEED REQUIREMENTS**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand metric ton

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Straw	16325	18117	21385	22064	22766	12763	12763
Paddy	56	65	82	86	89	65	65
Broken rice	4470	8462	14183	15451	16719	3877	3877
Bran	1088	1436	1595	1667	1749	964	964
Cow bran	1792	2822	4569	4955	5348	1772	1772
Prawn dust	476	998	1013	1066	1134	646	646
Maize	168	279	345	381	423	166	166
Oil cake	1009	1878	2289	2407	2538	1270	1270
Chick pea and Pigeon pea bran	70	118	237	256	286	64	64
Salt	262	333	428	452	477	214	214

Source : Livestock Breeding and Veterinary Department.





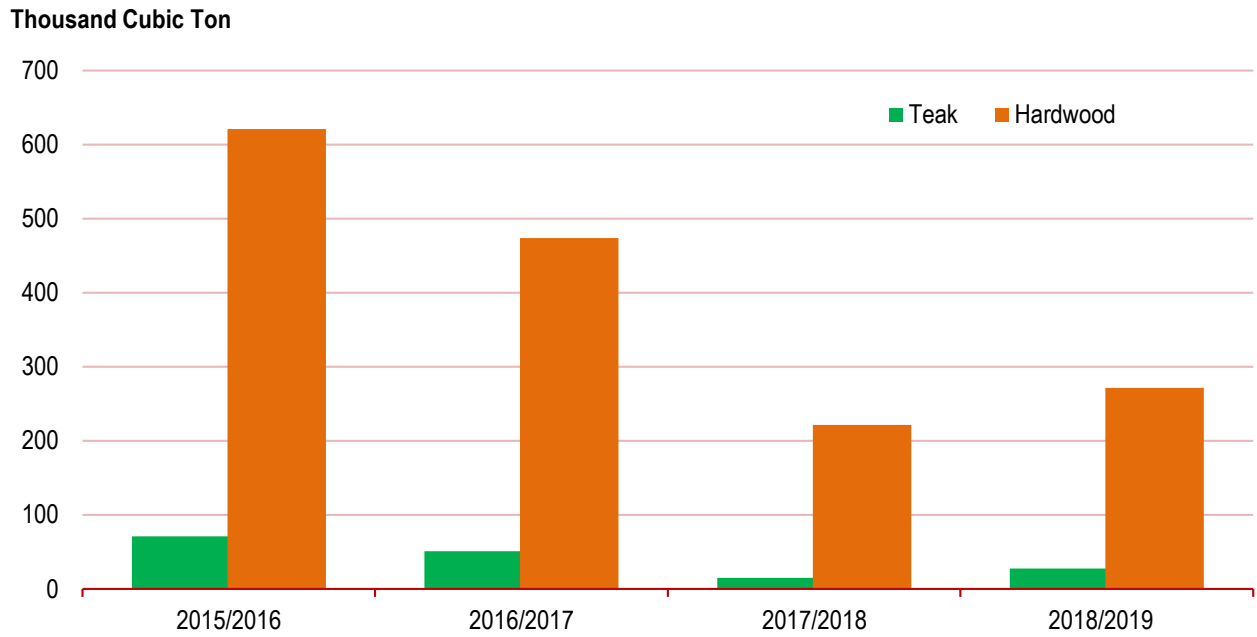


# 10

## Forestry

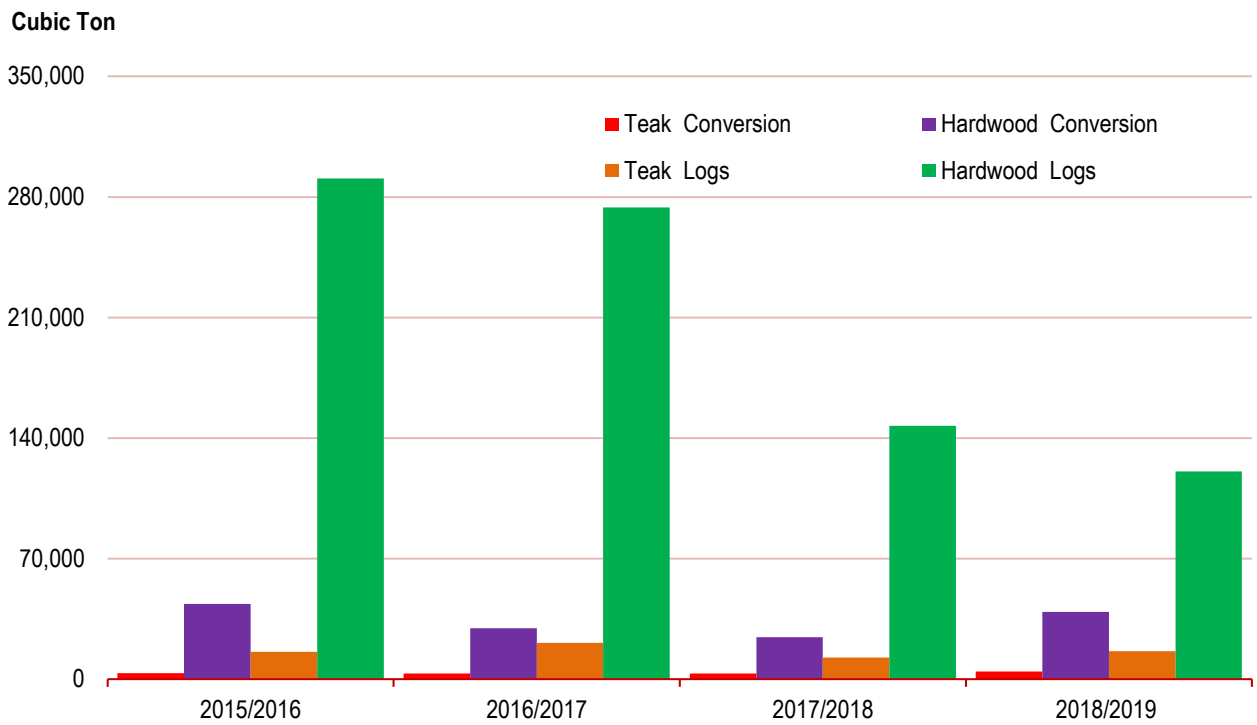
Around **41.30%** of Myanmar's total land area was **forest**, approximately **107,898 square-miles** in 2018-2019. | **Permanent forest estate** was made up of **reserved forest & protected public forest area** and **protected area system (PAS)** which were **67,162.92** and **15,287.05 square-miles** respectively in 2018-2019. | Major forest production was **Teak** and **Hardwood Logs**, with a production of **27,568** and **271,691** cubic tons respectively in 2018-2019. | The total number of working elephants used in **timber** extraction was **1,198**.

**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**

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

**TABLE 10.01 PERMANENT FOREST ESTATE BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018 /2019, 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)
UNION	2005-2006	261228	60681.00	10275.16
	2010-2011	261228	62748.95	14631.17
	2015-2016	261228	65252.14	15011.61
	2016-2017	261228	65528.71	15127.64
	2017-2018	261228	66385.71	15128.37
	2018 (Apr-Sep)	261228	66487.30	15127.64
	2018-2019(p)	261228	67162.92	15287.05
Kachin State	2005-2006	34379	5833.00	6053.81
	2010-2011	34379	6294.85	7726.80
	2015-2016	34379	7203.74	6053.80
	2016-2017	34379	7203.74	6169.83
	2017-2018	34379	7203.27	6169.83
	2018 (Apr-Sep)	34379	7203.26	6169.83
	2018-2019(p)	34379	7203.27	6169.83
Kayah State	2005-2006	4530	2451.00	-
	2010-2011	4530	2449.61	-
	2015-2016	4530	2441.86	-
	2016-2017	4530	2441.86	-
	2017-2018	4530	2441.86	-
	2018 (Apr-Sep)	4530	2441.86	-
	2018-2019(p)	4530	2441.86	-
Kayin State	2005-2006	11731	3442.00	115.48
	2010-2011	11731	3492.37	115.50
	2015-2016	11731	3469.54	115.50
	2016-2017	11731	3469.54	115.50
	2017-2018	11731	3490.76	115.50
	2018 (Apr-Sep)	11731	3489.29	115.76
	2018-2019(p)	11731	3562.76	206.16
Chin State	2005-2006	13907	2032.00	-
	2010-2011	13907	1995.70	275.50
	2015-2016	13907	1998.27	325.78
	2016-2017	13907	1998.27	325.78
	2017-2018	13907	2015.98	325.78
	2018 (Apr-Sep)	13907	2015.98	325.78
	2018-2019(p)	13907	2023.08	393.80

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

Years 2005/2006, 2010/2011, 2015/2016-2018 /2019, 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)
Sagaing Region	2005-2006	36534	10965.00	1630.73
	2010-2011	36534	11121.56	4130.51
	2015-2016	36534	11479.73	5799.89
	2016-2017	36534	11617.97	5799.89
	2017-2018	36534	11752.15	5799.89
	2018 (Apr-Sep)	36534	11772.30	5799.89
	2018-2019(p)	36534	12025.60	5799.89
Taninthayi Region	2005-2006	16736	4883.00	754.45
	2010-2011	16736	4854.25	754.46
	2015-2016	16736	5293.00	754.32
	2016-2017	16736	5293.00	754.32
	2017-2018	16736	5301.38	754.32
	2018 (Apr-Sep)	16736	5301.38	754.32
	2018-2019(p)	16736	5301.64	754.32
Bago Region	2005-2006	15214	5847.00	40.00
	2010-2011	15214	6206.89	40.00
	2015-2016	15214	6144.37	419.59
	2016-2017	15214	6144.37	419.59
	2017-2018	15214	6144.37	419.59
	2018 (Apr-Sep)	15214	6144.26	419.59
	2018-2019(p)	15214	6174.78	419.59
Magway Region	2005-2006	17305	4405.00	215.10
	2010-2011	17305	4049.39	180.96
	2015-2016	17305	4086.21	181.48
	2016-2017	17305	4131.44	181.48
	2017-2018	17305	4161.93	181.48
	2018 (Apr-Sep)	17305	4217.96	181.48
	2018-2019(p)	17305	4243.40	181.48
Mandalay Region	2005-2006	14295	3975.00	187.78
	2010-2011	14295	3712.13	130.08
	2015-2016	14295	3602.40	175.59
	2016-2017	14295	3600.98	175.59
	2017-2018	14295	3621.53	175.59
	2018 (Apr-Sep)	14295	3623.45	175.59
	2018-2019(p)	14295	4840.94	175.59

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

Years 2005/2006, 2010/2011, 2015/2016-2018 /2019, 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)
Mon State	2005-2006	4748	814.00	69.56
	2010-2011	4748	832.32	69.56
	2015-2016	4748	828.23	68.98
	2016-2017	4748	828.06	68.98
	2017-2018	4748	828.06	68.98
	2018 (Apr-Sep)	4748	828.02	69.71
	2018-2019(p)	4748	828.24	69.71
Rakhine State	2005-2006	14200	2142.00	677.88
	2010-2011	14200	2650.54	677.88
	2015-2016	14200	2617.12	677.88
	2016-2017	14200	2665.06	677.88
	2017-2018	14200	3267.57	677.88
	2018 (Apr-Sep)	14200	3267.57	677.88
	2018-2019(p)	14200	3477.07	677.88
Yangon Region	2005-2006	3927	428.00	2.41
	2010-2011	3927	415.09	2.41
	2015-2016	3927	413.87	2.41
	2016-2017	3927	413.87	2.41
	2017-2018	3927	413.87	2.41
	2018 (Apr-Sep)	3927	413.87	2.41
	2018-2019(p)	3927	419.82	2.41
Shan State	2005-2006	60155	10656.00	4752.20
	2010-2011	60155	11893.98	474.39
	2015-2016	60155	13332.47	383.27
	2016-2017	60155	13334.18	383.27
	2017-2018	60155	13334.14	383.27
	2018 (Apr-Sep)	60155	13359.26	383.27
	2018-2019(p)	60155	13455.58	383.27
Ayeyawady Region	2005-2006	13567	2781.00	53.12
	2010-2011	13567	2780.27	53.12
	2015-2016	13567	2341.33	53.12
	2016-2017	13567	2386.37	53.12
	2017-2018	13567	2408.84	53.12
	2018 (Apr-Sep)	13567	2408.84	53.12
	2018-2019(p)	13567	2408.85	53.12

Source : Forest Department.

**TABLE 10.02 RESERVED FOREST AND PROTECTED PUBLIC FOREST AREA**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, 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
2005-2006	59421	1258	-	60679
2010-2011	63049	630	930	62749
2015-2016	65319	18	85	65252
2016-2017	65252	279	2	65529
2017-2018	65529	877	20	66386
2018 (Apr-Sep)	66386	103	2	66487
2018-2019(p.a)	66489	675	1	67163

Notes : RF=Reserved Forest  
PPF=Protected Public Forest

Source : Forest Department.

**TABLE 10.03 FOREST COVER STATUS IN MYANMAR**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute and percentage values

Year	Forest Cover Area (Sq-mile)	Forest Cover Area (% of total land area)
2005-2006	128653	49.25
2010-2011	122677	46.96
2015-2016	112127	42.92
2016-2017 (p)	110009	42.11
2017-2018 (p)	107898	41.30
2018 (p)	107898	41.30
(Apr-Sep)	107898	41.30
2018-2019 (p)	107898	41.30

Notes : 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

Source : Forest Department.

- The forest cover of 2010 is 31773 thousand hectares (122677 sq-mile)
- The forest cover of 2015 is 29041 thousand hectares (112127 sq-mile)
- Annual change rate between 2010 and 2015 is (-546) thousand hectares or (-2110 sq-mile)
- 2011-2012 to 2017-2018 Forest Cover area (Sq-mile) is estimated based on the annual change rate between 2010 and 2015



METHODOLOGY SHEET | **Teak and Hardwood**

<b>Responsible Unit (Service or Structure)</b>	Myanma Timber Enterprise
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Extraction, Processing, Production, Distribution
<b>Classification Variables</b>	Teak and Hardwood (Logs, Sawn Timber), Extraction, Processing, Production, Distribution
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Forestry resources
<b>Tables</b>	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, 2015/2016-2018/2019, absolute values in Cubic Ton

States and Regions	Description	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
UNION	Total	1484060	1530402	692066	524588	236182	113652	299259
	Teak	307060	232517	70826	50786	14815	12283	27568
	Hardwood	1177000	1297885	621240	473802	221367	101369	271691
Kachin State	Total	69771	161196	24835	12158	819	-	3029
	Teak	2298	684	448	117	9	-	-
	Hardwood	67473	160512	24387	12041	810	-	3029
Kayah State	Total	3574	9438	4126	12449	589	55	-
	Teak	-	2390	2170	8422	97	-	-
	Hardwood	3574	7048	1956	4027	492	55	-
Kayin State	Total	11524	10997	1610	1597	26	-	-
	Teak	4389	362	50	-	-	-	-
	Hardwood	7135	10635	1560	1597	26	-	-
Chin State	Total	2797	4864	6696	3201	4315	2262	5697
	Teak	-	-	1082	1349	977	709	650
	Hardwood	2797	4864	5614	1852	3338	1553	5047
Sagaing Region	Total	356278	465309	342113	285071	114397	53577	139676
	Teak	61978	38310	24290	12135	6372	2780	3001
	Hardwood	294300	426999	317823	272936	108025	50797	136675
Taninthayi Region	Total	31349	29333	32281	26752	6747	1952	10427
	Teak	-	-	-	-	-	-	-
	Hardwood	31349	29333	32281	26752	6747	1952	10427
Bago Region	Total	361579	276483	56744	20014	3301	2388	2941
	Teak	59379	37072	6794	4187	311	167	-
	Hardwood	302200	239411	49950	15827	2990	2221	2941

**TABLE 10.04 TEAK AND HARDWOOD LOGS EXTRACTION BY STATES AND REGIONS (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Cubic Ton

States and Regions	Description	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
Magway Region	Total	65263	47396	21990	13487	19924	13608	18268
	Teak	1532	1030	2065	1884	482	29	-
	Hardwood	63731	46366	19925	11603	19442	13579	18268
Mandalay Region	Total	257708	261464	104862	87835	69600	16598	52030
	Teak	135006	103124	12323	14916	5286	393	388
	Hardwood	122702	158340	92539	72919	64314	16205	51642
Mon State	Total	12450	10737	4006	1100	-	-	11245
	Teak	-	-	4	-	-	-	11245
	Hardwood	12450	10737	4002	1100	-	-	-
Rakhine State	Total	17767	14599	4431	6093	1516	1693	13301
	Teak	-	-	295	3	-	-	-
	Hardwood	17767	14599	4136	6090	1516	1693	13301
Yangon Region	Total	-	-	-	-	-	-	-
	Teak	-	-	-	-	-	-	-
	Hardwood	-	-	-	-	-	-	-
Shan State	Total	209831	177134	52628	32682	5039	11663	25626
	Teak	41238	49341	20975	7282	1120	8205	12284
	Hardwood	168593	127793	31653	25400	3919	3458	13342
Ayeyawady Region	Total	84169	61452	28487	17055	5511	8503	10295
	Teak	1240	204	-	2	-	-	-
	Hardwood	82929	61248	28487	17053	5511	8503	10295
Nay Pyi Taw	Total	-	-	7257	5094	4398	1353	6724
	Teak	-	-	330	489	161	-	-
	Hardwood	-	-	6927	4605	4237	1353	6724

Source : Myanma Timber Enterprise.

**TABLE 10.05 PROCESSING OF TEAK AND HARDWOOD LOGS EXTRACTION**  
Years 2005/2006, 2010/2011, 2015/2016-2018 /2019, absolute values in Cubic Ton

Year	Teak				Hardwood			
	Felling	Input	Outturn	Arrival	Felling	Input	Outturn	Arrival
2005-2006	341048	327855	331690	307060	1153638	1167270	116270	1177000
2010-2011	287807	262282	263817	232517	1501100	1341328	1341328	1297885
2015-2016	58737	79366	79366	70826	650986	658055	658055	621240
2016-2017	24	6159	6159	50786	550	13154	13154	473802
2017-2018	15159	14655	14655	14815	328971	321686	321686	221367
2018 (Apr-Sep)	3258	284	284	12283	131182	3931	3931	101369
2018-2019 (p.a)	10944	12569	12569	27568	284352	305115	305115	271691

Source : Myanma Timber Enterprise.

**TABLE 10.06 PRODUCTION AND DISTRIBUTION OF TEAK**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Cubic Ton

Description	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
<b>Teak (Logs)</b>							
<b>Production</b>	414235	497506	201705	146900	116264	81106	101137
Opening Stock at saw mills	107175	264989	66180	62534	79553	52726	52726
Arrival at mills during the year*	307060	232517	70826	50786	14815	12283	27568
Border trade	-	-	-	-	-	-	-
Others**	-	-	64699	33580	21896	16097	20843
<b>Distribution during the year</b>	414235	497506	201705	146900	116264	81106	101137
Saw mills	19991	25646	14400	11013	10346	6257	9929
Local sales	-	1142	15789	21110	12544	4004	16154
Export	272732	229381	-	-	-	-	-
Local sales in US\$	-	-	108982	35224	37079	14309	32985
Wood Base Industries	-	-	-	-	-	-	1596
Border trade	-	-	-	-	-	-	-
Others**	22248	21741	-	-	-	3810	-
Stock	99264	219596	62534	79553	56295	52726	40473
<b>Teak (Sawn Timber)</b>							
<b>Production</b>	37762	20714	21846	13547	13234	8901	11579
Opening Stock at saw mills	3642	6657	9451	6495	5820	3360	3360
Sawn timber during the year	15374	14057	5959	4684	4275	2663	4380
Others**	18746	-	6436	2368	3139	2878	3839
<b>Distribution during the year</b>	37762	20714	21846	13547	13234	8901	11579
Local sales	4827	2361	3506	3320	3310	2627	4484
Export	30059	4040	11845	4407	7046	1772	4183
Others**	-	-	-	-	-	1142	-
Stock	2876	14313	6495	5820	2878	3360	2912

Note : \*Includes timber at terminal deoport

\*\*Adjusted Stock

Source : Myanmar Timber Enterprise.

**TABLE 10.07 PRODUCTION AND DISTRIBUTION OF HARDWOOD**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Cubic Ton

Description	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>Hardwood (Logs)</b>							
<b>Production</b>	1545824	1642785	779593	666057	351216	159769	324174
Opening Stock at saw mills	236889	179915	105283	152825	121889	21464	21464
Arrival at mills during the year*	1177000	1297885	621240	473802	221367	101369	271691
Border trade	-	-	-	-	-	-	-
Others**	131935	164985	53070	39430	7960	36936	31019
<b>Distribution during the year</b>	1545824	1642785	779593	666057	351216	159769	324174
Saw mills	375534	394538	73396	26326	36746	19106	46361
Local sales	41763	73875	290715	273900	147060	43540	120689
Export	622261	761754	-	-	-	-	-
Local sales for US\$	-	-	262657	243942	130474	44612	86684
Wood Base Industries	136131	71283	-	-	-	-	30479
Raw For Industry	1311	37881	-	-	-	-	-
Others**	175103	207596	-	-	-	31047	-
Stock	193721	95858	152825	121889	36936	21464	39961
<b>Hardwood (Sawn Timber)</b>							
<b>Production</b>	252007	303753	57332	35922	31950	24020	48058
Opening Stock at saw mills	27214	36772	8332	13329	4993	8754	8754
Sawn timber during the year	222489	259010	44490	16379	20496	11849	29157
Others**	2304	7971	4510	6214	6461	3417	10147
<b>Distribution during the year</b>	252007	303753	57332	35922	31950	24020	48058
Local sales	197169	236406	43605	29523	24344	15129	38986
Local sales for US\$	-	-	395	1356	93	137	-
Export	1423	470	-	50	-	-	47
Others**	27607	37286	3	-	-	-	-
Stock	25808	29591	13329	4993	7513	8754	9025

Note : \*Include timber at terminal deport

\*\*Adjusted Stock

Source : Myanma Timber Enterprise.

**TABLE 10.08 TEAK AND HARDWOOD MILLING THROUGHPUT AND OUTTURN BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Cubic Ton

States and Regions	Description	2005-2006		2010-2011		2015-2016	
		Teak	Hardwood	Teak	Hardwood	Teak	Hardwood
<b>UNION</b>	<b>Throughput</b>	<b>10779</b>	<b>375534</b>	<b>25746</b>	<b>410000</b>	<b>14400</b>	<b>73396</b>
	<b>Outturn</b>	<b>4966</b>	<b>222489</b>	<b>14057</b>	<b>259010</b>	<b>5959</b>	<b>44490</b>
Kachin State	Throughput	-	9919	-	26682	-	-
	Outturn	-	5176	-	15788	-	-
Kayah State	Throughput	-	3685	51	8407	-	-
	Outturn	-	2031	26	2880	-	-
Kayin State	Throughput	-	1488	-	-	-	-
	Outturn	-	797	-	-	-	-
Chin State	Throughput	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-
Sagaing Region	Throughput	3037	42852	730	70685	621	15944
	Outturn	1345	25596	382	48684	283	9336
Taninthayi Region	Throughput	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-
Bago Region	Throughput	1877	136938	4388	112381	1684	30567
	Outturn	783	83516	2604	71422	840	18741
Magway Region	Throughput	11	35023	-	26282	-	5045
	Outturn	4	17914	-	16470	-	3004
Mandalay Region	Throughput	1421	82623	1569	80738	475	8816
	Outturn	693	50718	1039	31655	275	5525
Mon State	Throughput	-	2370	-	925	-	-
	Outturn	-	1366	-	852	-	-
Rakhine State	Throughput	-	9668	-	8223	-	500
	Outturn	-	5518	-	5198	-	304
Yangon Region	Throughput	4433	2770	18944	15016	11527	3997
	Outturn	2141	1453	9971	14673	4521	2406
Shan State	Throughput	-	12371	-	26971	-	-
	Outturn	-	6730	-	17667	-	-
Ayeyawady Region	Throughput	-	35827	64	33690	-	200
	Outturn	-	21674	35	19814	-	135
Nay Pyi Taw	Throughput	-	-	-	-	93	8327
	Outturn	-	-	-	13907	40	5039

**TABLE 10.08 TEAK AND HARDWOOD MILLING THROUGHPUT AND OUTTURN BY STATES AND REGIONS (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Cubic Ton

States and Regions	Description	2016-2017		2017-2018		2018 (Apr-Sep)		2018-2019 (p)	
		Teak	Hardwood	Teak	Hardwood	Teak	Hardwood	Teak	Hardwood
<b>UNION</b>	<b>Throughput</b>	<b>11013</b>	<b>26326</b>	<b>10346</b>	<b>36746</b>	<b>6257</b>	<b>19106</b>	<b>9929</b>	<b>46361</b>
	<b>Outturn</b>	<b>4684</b>	<b>16379</b>	<b>4320</b>	<b>22613</b>	<b>2663</b>	<b>11849</b>	<b>4380</b>	<b>29157</b>
Kachin State	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Kayah State	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Kayin State	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Chin State	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Sagaing Region	Throughput	582	6104	665	15033	252	7658	640	18027
	Outturn	315	3566	313	8971	125	4640	350	11260
Taninthayi Region	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Bago Region	Throughput	346	7678	-	2797	-	1453	-	3412
	Outturn	161	4678	-	1725	-	879	-	2040
Magway Region	Throughput	-	-	-	2043	-	1351	-	3201
	Outturn	-	-	-	1240	-	815	-	1932
Mandalay Region	Throughput	454	7250	276	10675	127	4748	259	11113
	Outturn	276	4857	179	6721	77	2992	161	7155
Mon State	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Rakhine State	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Yangon Region	Throughput	9438	1420	9384	-	5878	-	8958	-
	Outturn	3849	904	3819	-	2461	-	3848	-
Shan State	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Ayeyawady Region	Throughput	-	-	-	2297	-	1442	-	5986
	Outturn	-	-	-	1514	-	968	-	3830
Nay Pyi Taw	Throughput	193	3847	21	3901	-	2474	72	4622
	Outturn	83	2374	9	2442	-	1555	35	2940

Source : Myanma Timber Enterprise.

**TABLE 10.09 LOCAL DISTRIBUTION OF TEAK AND HARDWOOD**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Cubic Ton and Sheet

Description	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p.a)
Teak Conversion	Cubic Ton	4827	1928	3506	3320	3310	2627	4484
Hardwood Conversion	Cubic Ton	197169	202906	43605	29523	24344	15129	38986
Teak Logs	Cubic Ton	2382	1076	15789	21110	12544	4004	16154
Hardwood Logs	Cubic Ton	41763	59979	290715	273900	147060	43540	120689
Plywood	Sheet	98461	64958	84246	19360	6576	889	1040

Source : Myanmar Timber Enterprise.

**METHODOLOGY SHEET | Establishment of plantation, Conservation of Natural Forest in Dry Zone, Utilization of Fuelwood Substitute Energy**

<b>Responsible Unit (Service or Structure)</b>	Forest Department, Dry Zone Greening Department
<b>Level of Disaggregation</b>	Regions
<b>Study Variables</b>	Establishment of plantation in Dry Zone, Conservation of natural forest, Utilization of Fuelwood Substitute Energy
<b>Classification Variables</b>	Establishment of Forest plantation, Plantation in Dry Zone, Conservation of natural forest, Utilization of Fuelwood Substitute Energy in Dry Zone
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Forestry resources
<b>Tables</b>	10.10, 10.11, 10.12, 10.13, 10.14



**TABLE 10.10 ESTABLISHMENT OF FOREST PLANTATION**

Years 2005/2006, 2010/2011, 2015/2016-2018 /2019, absolute values in Acre

Description	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
<b>GRAND TOTAL</b>	<b>82042</b>	<b>37065</b>	<b>4900</b>	<b>7600</b>	<b>161918</b>	<b>130929</b>	<b>137673</b>
<b>COMMERCIAL PLANTATION</b>	42217	34250	3850	5700	14970	16645	17215
Teak	37077	30885	2750	4600	10770	12345	12470
Hardwood Group 1	3590	2415	1100	1100	4200	4300	4745
a.Pyinkadoe	3490	2115	600	500	3200	3100	3495
b.Padauk	100	300	300	200	600	600	750
Others	-	-	-	-	-	-	-
Pinus Species	1550	950	200	400	400	600	500
<b>LOCAL SUPPLY PLANTATION</b>	10425	2265	700	1000	5287	7782	6548
Fuel Wood	10425	-	-	-	2207	4807	3698
Mangrove	-	2265	700	1000	3080	2975	2850
<b>INDUSTRIAL PLANTATION</b>	7400	-	-	-	-	-	-
Eucllyptus Species	5400	-	-	-	-	-	-
Bamboo	-	-	-	-	-	-	-
Tung Oil Tree	2000	-	-	-	-	-	-
<b>WATERSHED PLANTATION</b>	22000	550	350	900	2250	2565	2330
<b>PRIVATE PLANTATION</b>	-	-	-	-	9409	13155	17047
Teak	-	-	-	-	5461	3473	4845
Hardwood	-	-	-	-	3648	8823	11616
Bamboo	-	-	-	-	300	859	586
<b>COMMUNITY FOREST</b>	-	-	-	-	130002	90782	94533

Source : Forest Department.

**TABLE 10.11 ESTABLISHMENT OF PLANTATION IN DRY ZONE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Acre

Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Total</b>	<b>18030</b>	<b>17307</b>	<b>5000</b>	<b>4900</b>	<b>3888</b>	<b>3900</b>	<b>4000</b>
Sagaing Region	2800	3500	1000	1000	1000	930	1000
Mandalay Region	4230	4750	1500	1400	1050	1420	1800
Magway Region	11000	9057	2500	2500	1838	1550	1200

Source : Dry Zone Greening Department.

**TABLE 10.12 ESTABLISHMENT OF PLANTATION IN DRY ZONE BY TYPE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Acre

Description	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Total</b>	<b>18030</b>	<b>17307</b>	<b>5000</b>	<b>4900</b>	<b>3888</b>	<b>3900</b>	<b>4000</b>
Village Fuel wood Plantation	7712	9295	3000	2900	1888	1900	1600
Watershed Plantation	5815	6562	850	850	650	650	1000
Research Plantation	10	-	-	-	-	-	-
Mountain Plantation	1533	1450	800	800	1000	1000	1000
Others	2960	-	350	350	350	350	400

Note : Watershed Plantation is exclusive of dam/ reservoir

Source : Dry Zone Greening Department.

**TABLE 10.13 CONSERVATION OF NATURAL FOREST IN DRY ZONE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Acre

Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Total</b>	<b>100,000</b>	<b>120,000</b>	<b>50,000</b>	<b>37,000</b>	<b>41,000</b>	<b>41,000</b>	<b>41,000</b>
Sagaing Region	40,000	22,000	10,000	7,000	9,000	9,000	9,000
Mandalay Region	2,000	17,500	15,000	10,000	12,000	12,000	12,000
Magway Region	58,000	80,500	25,000	20,000	20,000	20,000	20,000

Source : Dry Zone Greening Department.

**TABLE 10.14 UTILIZATION OF FUELWOOD SUBSTITUTE ENERGY IN DRY ZONE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Item	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Improved Stoves	No.	31718	8009	15668	17525	34771	12987	36002
Briquettes	No.	5054569	4045000	3869151	4240239	3983468	1774055	3410336
Farm Waste	Ton	15721	15000	157247	156445	154223	73371	144347

Source : Dry Zone Greening Department.

METHODOLOGY SHEET | **Plantation of Teak and Hardwood Trees**

<b>Responsible Unit (Service or Structure)</b>	Forest Department
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Plantation of Teak and Hardwood Trees
<b>Classification Variables</b>	Number of trees, Area
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Forestry resources
<b>Tables</b>	10.15, 10.16

**TABLE 10.15 PLANTATION OF TEAK TREES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Description	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
<b>Area &amp; number of trees at the beginning of the year</b>								
Number of trees	Thousand No.	39669	38728	42588	42712	42919	43403	43959
Area	Acre	881562	860616	946401	949151	953751	96452	976866
<b>Area &amp; trees planted during the year</b>								
Number of trees	Thousand No.	1668	1390	124	207	484	555	561
Area	Acre	37077	30885	2750	4600	10770	12345	12470
<b>Area &amp; trees planted at the end of the year</b>								
Number of trees	Thousand No.	41337	40118	42712	42919	43403	4896	44520
Area	Acre	918639	891501	949151	953751	964521	108797	989336
<b>Thinnings undertaken during the year</b>	Acre	14245	-	-	-	-	-	-

Note : Include teak &amp; hardwood thinnings undertaken during the Year

Source : Forest Department.

**TABLE 10.16 PLANTATION OF HARDWOOD TREES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Description	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
<b>Area &amp; number of trees at the beginning of the year</b>								
Number of trees	Thousand No.	52684	54487	55328	55425	55560	55988	56431
Area	Acre	1170750	1210830	1229510	1231660	1234660	1244190	1254030
<b>Area &amp; trees planted during the year</b>								
Number of trees	Thousand No.	2023	278	97	135	429	443	447
Area	Acre	44965	6180	2150	3000	9530	9840	9925
<b>Area &amp; trees planted at the end of the year</b>								
Number of trees	Thousand No.	54707	54765	55425	55560	55988	56431	56878
Area	Acre	1215715	1217010	1231660	1234660	1244190	1254030	1263955
<b>Thinnings undertaken during the year</b>	Acre	14245	-	-	-	-	-	-

Note : Include teak &amp; hardwood thinnings undertaken during the Year

Source : Forest Department.

**METHODOLOGY SHEET | Girdling and Green Teak Marking, Forest Operations**

<b>Responsible Unit (Service or Structure)</b>	Forest Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Girdling and Green Teak Marking, Selected Felling Marking, Artificial Regeneration, Natural Regeneration, Improvement Felling, Weeding, Thinning, Climber Cutting, Repair of Forest Road, Repair of Reserve boundary, Repair of Compt boundary, Fire Protection, Reservation
<b>Classification Variables</b>	Girdling and Green Teak Marking, Forest Operations
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Forestry resources
<b>Tables</b>	10.17, 10.18

**TABLE 10.17 GIRDLING AND GREEN TEAK MARKING BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in tree

States and Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
<b>UNION</b>	<b>187131</b>	<b>129518</b>	<b>36979</b>	<b>10470</b>	<b>5332</b>	<b>4768</b>	<b>3601</b>
Kachin State	21927	-	1612	1500	500	-	-
Kayah State	3794	2185	334	-	-	-	-
Kayin State	3384	333	-	-	-	-	-
Chin State	8147	6609	2050	650	650	480	480
Sagaing Region	32880	34333	21001	3720	2215	215	215
Bago Region	39535	43147	2759	-	-	-	-
Magway Region	10527	13885	2457	1200	824	293	246
Mandalay Region	8264	464	-	-	-	-	-
Rakhine Region	-	-	-	-	-	-	-
Yangon Region	-	-	-	-	-	-	-
Shan State	57933	28237	6667	3400	1143	3780	2660
Ayeyawady Region	740	325	-	-	-	-	-
Nay Pyi Taw	-	-	99	-	-	-	-

Source : Forest Department.

**TABLE 10.18 FOREST OPERATIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Categories	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
Girdling & GT Marking	Tree	187131	129518	36979	10470	11644	-	8552
SF Marking	Tree	609816	827025	275773	104682	204138	-	113463
Artificial Regeneration	Acre	82042	37065	4900	7600	20300	22185	22540
Natural Regeneration	Acre	52775	47445	38155	37114	57220	-	41309
Improvement Felling	Acre	29320	28229	6705	6227	7034	-	501
Weeding	Acre	406986	256780	41939	36364	29450	35719	96346
Thinning	Acre	14245	10729	11570	12964	28040	-	26684
Climber Cutting	Acre	336519	260560	209984	420104	124765	-	62547
Repair of Forest Road	ML	1395	1261	1321	1390	1260	-	1083
Repair of Reserve Boundary	ML	1225	1188	1580	1552	1635	-	1415
Repair of Compt Boundary	ML	1570	1180	1545	1570	1269	-	1179
Fire Protection	Acre	345382	250312	59916	42344	34590	-	43075
Reservation	Sq.ML	1257	630	18	279	224	-	468

Note : GT = GreenTeak  
SF = Selected Felling

Source : Forest Department.

METHODOLOGY SHEET | **Minor Forest Products**

<b>Responsible Unit (Service or Structure)</b>	Forest Department, Department of Co-operative, Department of Agriculture
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	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, Banks, Thanatkha, Jute, Bastard sandal wood, Cardanon, Serpent wood, Lacquer
<b>Classification Variables</b>	Production of Minor Forest Products
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Forestry resources
<b>Table</b>	10.19

**TABLE 10.19 PRODUCTION OF MINOR FOREST PRODUCTS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Description	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019(p)
Firewood	(000) Cu-Ton	20544	20683	20911	21001	21175	7033	20033
Charcoal	(000) Cu-Ton	233	212	233	180	166	26	149
Bamboo	(000) No.	1185137	1346156	1213301	1164285	1172205	568022	1187116
Rattan	(000) No.	52308	38506	35769	31697	32986	14858	34485
Cutch	(000) Viss	334	406	153	179	146	19	141
Indwe-Pwenyet	(000) Viss	299	233	260	198	197	56	199
Kanyin Resin	Viss	650	663	675	470	470	75	470
Turpentine	(000)Viss	-	45	0.6	2	-	6	1
Dani-Thetke	(000)Byit	967084	1064007	932263	920010	921705	468322	927457
Honey	(000)Viss	28	43	51	47	52	28	54
Bees-wax	Viss	1255	1120	1193	2646	1101	347	1088
Bat's Guano	(000)Viss	428	350	379	240	195	98	218
Orchids	(000)No.	30	24	20	-	-	-	-
Edible Bird's Nest	Viss	686	1376	1512	1365	1588	1162	1454
Lac	(000)Viss	47	116	66	41	44	6	25
Barks	(000)Viss	-	1417	1227	925	771	182	758
Thanatkha	(000)Viss	-	283	249	163	88	8	28
Jute	(000)Viss	-	83	77	30	315	159	321
Bastard sandal Wood	(000)Viss	-	5	8	2	2	1	2
Cardanon	(000)Viss	-	498	58	85	43	4	56
Serpent wood	(000)Viss	-	32	31	27	25	7	22
Lacquer	(000)Viss	-	31	33	31	31	5	30
Natsaygamone	Viss	-	-	-	-	700	400	1643
Thangarzingamone	Viss	-	-	-	-	700	400	1643

Sources : 1. Forest Department.  
2. Department of Co-operative.  
3. Department of Agriculture.

## METHODOLOGY SHEET | Existing Protected Areas in Myanmar

<b>Responsible Unit (Service or Structure)</b>	Forest Department
<b>Level of Disaggregation</b>	States and Regions
<b>Study Variables</b>	Existing Protected Areas
<b>Classification Variables</b>	Wildlife Sanctuary, National Park
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Wildlife sanctuaries, Parks and reserves
<b>Table</b>	10.20

**TABLE 10.20 EXISTING PROTECTED AREAS IN MYANMAR**

Years 2018/2019, absolute values

S.N	Name	Location (Regions/States)	Category of Sanctuary	Year of Establishment	Area sq.mile	Wildlife Species for which sanctuary is offered
1	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.
2	Hkakaborazi National Park	Kachin State	H d . Terrestrial N 28° 05' & E 97° 44'	1998	1472	Takin, Musk deer, Red goral, Black barking deer, Avifauna, Orchids.
3	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.
4	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.
5	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.
6	Hponkanrazi Wildlife Sanctuary	Kachin State	9 b. Terrestrial N 27° 30' & E 97° 43'	2003	1044	Barking deer, Avifauna, Red Goral, Gibbon, Wild dogs, Mongoose.
7	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 dog, Pangolin, Wild cats, Monkeys, Wild boar, Birds, Snakes, Aquatic Fauna.
8	Kahilu Wildlife Sanctuary	Kayin State	4. Terrestrial N 17° 3' & E 97° 6'	1928	62	Serow, Hog deer.
9	Mulayit Wildlife Sanctuary	Kayin State	10 a. Terrestrial N 16° 7' & E 98° 30'	1935	53.5	Leopard, Barking deer, Wild cats.
10	Taungwi Taung Protected Landscape	Kayin State		2018	0.26	Golden cat, Pangolin, monkey
11	Se Taung Wildlife Sanctuary	Kayin State		2018	90.28	Elephant, Sambar, Barking Deer, Jungle cat, Reptiles, Birds.
12	Ichasaya Cave Wildlife Sanctuary	Kayin State		2019	0.117	Monkey, Porcupine, Pangolin, Bats, Geckos.
13	Natmataung National Park	Chin State	9 c. Terrestrial N 21° 12' & E 94° 00'	2010	275.35	Gaur, Serow, Goral and White browed Nuthatch.
14	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, Wild boar.
15	Baw Par Taung National Park	Chin State		2019	68.02	Goral, Red Goral, Leopard, Deer, Monkey, Barking Deer, Bear, Wild boar, Birds, Snakes.
16	Chatthin Wildlife Sanctuary	Sagaing Region	9 a. Terrestrial N 23° 36' & E 95° 32'	1941	100.41	Eld's deer, Sambar, Barking deer.
17	Minwuntaung Wildlife Sanctuary	Sagaing Region	9 a. Terrestrial N 22° 2' & E 95° 58'	1971	79.49	Barking deer, Avifauna.



**TABLE 10.20 EXISTING PROTECTED AREAS IN MYANMAR (cont'd)**

Years 2018/2019, absolute values

S.N	Name	Location (Regions/States)	Category of Sanctuary	Year of Establishment	Area sq.mile	Wildlife Species for which sanctuary is offered
18	Htamanthi Wildlife Sanctuary	Sagaing Region	9 b. Terrestrial N 25° 26' & E 95° 37'	1974	830.40	Elephant, Gaur, Tiger.
19	Alaungdaw Katthapa National Park	Sagaing Region	9 a. Terrestrial N 22° 30' & E 94° 20'	1989	541.62	Elephant, Leopard, Gaur, Sambar, Serow, Bear.
20	Hukaung Valley Wildlife Sanctuary (extension)	Kachin State	9 b. Terrestrial	2010	1673	Elephant, Tiger, Leopard, Gaur, Sambar, Bear, Wild boar, Serow, Water birds.
	Hukaung Valley Wildlife Sanctuary (extension)	Sagaing Region	9 b. Terrestrial	2010	2574.97	Elephant, Tiger, Leopard, Gaur, Sambar, Bear, Wild Boar, Serow, Water birds.
21	Moscós Islands Wildlife Sanctuary	Taninthayi Region	4. Island Marine	1927	19	Barking deer, Sambar, Swiftlet.
22	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.
23	Taninthayi Nature Reserve	Taninthayi Region	5 a. Terrestrial	2005	656.37	Tiger, Gurney's Pitta, Elephant, Tapir.
24	Moeyungyi Wetland Wildlife Sanctuary	Bago Region	4. Wetland reservoir N 17° 34' & E 96° 35'	1988	40	Water birds.
25	North Zamrari Wildlife Sanctuary	Bago Region	-	2014	379.59	Elephant, Leopard, Clouded leopard, Guar, Bear, Banteng, Avifauna.
26	Wetthikan Bird Sanctuary	Magwe Region	9 a. Wetland N 20° 00' & E 96° 30'	1939	1.44	Wetland birds.
27	Shwesettaw Wildlife Sanctuary	Magwe Region	9 a. Terrestrial N 20° 12' & E 94° 35'	1940	179.19	Eld's deer, Sambar, Barking deer, Gaur.
28	Chung Pon Kun Wildlife Sanctuary	Magwe Region	9 c. Terrestrial N 21° 12' & E 94° 00'	2013	0.85	Myanmar golden deer, Rabbit, Wild cat, Jackal, Avifauna.
29	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		1927	45.53	Elephant, Gaur, Banteng, Sambar, Serow, Bear.
30	Minsontaung Wildlife Sanctuary	Mandalay Region	9 a. Terrestrial N 21° 28' & E 95° 43'	2001	8.71	Barking deer, Dhole, Reptiles, Tortoise, Wild cat.
31	Pyin-O-Lwin Bird Sanctuary	Mandalay Region	10 b. Terrestrial N 22° 00' & E 96° 30'	1927	49.13	Barking deer, Avifauna.

**TABLE 10.20 EXISTING PROTECTED AREAS IN MYANMAR (concl'd)**  
Years 2018/2019, absolute values

S.N	Name	Location (Regions/States)	Category of Sanctuary	Year of Establishment	Area sq.mile	Wildlife Species for which sanctuary is offered
32	Popa Mountain Park	Mandalay Region	9 a. Terrestrial N 20° 53' & E 95° 15'	1989	49.63	Barking deer, Leopard, Geomorphologic features.
33	Lawkananda Wildlife Sanctuary	Mandalay Region	9 a. Terrestrial N 21° 15' & E 94° 47'	1995	0.18	Avifauna, Cultural diversity.
34	Kyaikhtyoe 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.
35	Kaylatha Wildlife Sanctuary	Mon State	4. Terrestrial N 17° 13' & E 97° 6'	1942	8.67	Serow, Avifauna.
36	Hpa Baung Taung Nature Reserve	Mon State		2018	0.73	Bats, Black-crowned Night-heron
37	Rakhine Yoma Elephant Range	Rakhine State	4. Terrestrial N 17° 31' & E 94° 30'	2002	677.88	Elephant, Gaur, Leopard, Jackal, Bear.
38	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.
39	Parsar Protected Area	Shan State	10 a. Terrestrial N 20° 29' & E 99° 53'	1996	29.54	Jungle fowl, Chinese Pangolin.
40	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.
41	Taunggyi Bird Sanctuary	Shan State	10 b. Terrestrial N 20° 45' & E 97° 04'	1920	2.81	Avifauna.
42	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.
43	Loimwe Protected Area	Shan State	10 b. Terrestrial N 21° 8' & E 99° 45'	1996	15.97	Bear, Pangolin, Pheasant.
44	Meinmahla Kyun Wildlife Sanctuary	Ayeyawady Region	4. Marine N 16° 05' & E 95° 18'	1993	52.78	Crocodile, Water and Shore birds.
45	Thamihla Kyun Wildlife Sanctuary	Ayeyawady Region	4. Marine N 15° 5' & E 94° 17'	1970	0.34	Marine turtle.

Source : Forest Department.

## METHODOLOGY SHEET | Saw Mills

<b>Responsible Unit (Service or Structure)</b>	Forest Department, Myanma Timber Enterprise
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Saw Mills
<b>Classification Variables</b>	Re-cutting Mills, Domestic Industrial Mills
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Timber mills
<b>Table</b>	10.21

**TABLE 10.21 SAW MILLS BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute numbers

States and Regions	2005-2006			2010-2011			2015-2016		
	Saw Mills	Recutting Mills	Domestic Industrial Mills	Saw Mills	Recutting Mills	Domestic Industrial Mills	Saw Mills	Recutting Mills	Domestic Industrial Mills
<b>UNION</b>	<b>231</b>	<b>1502</b>	<b>2127</b>	<b>388</b>	<b>1328</b>	<b>1782</b>	<b>487</b>	<b>1363</b>	<b>365</b>
Kachin State	2	148	26	2	130	30	2	123	-
Kayah State	1	25	10	3	26	31	4	29	7
Kayin State	4	43	35	1	41	58	1	44	35
Chin State	-	1	-	-	-	-	-	3	-
Sagaing Region	35	170	183	63	78	115	85	119	-
Taninthayi Region	1	66	106	8	62	64	11	68	26
Bago Region	63	105	213	62	102	205	51	109	81
Magway Region	19	72	68	24	68	64	22	78	28
Mandalay Region	29	296	257	61	279	175	93	231	26
Mon State	4	71	188	3	67	231	3	70	21
Rakhine State	6	67	70	7	62	53	10	61	-
Yangon Region	22	320	593	112	318	401	153	300	109
Shan State	20	82	139	20	61	138	23	61	5
Ayeyawady Region	25	36	239	22	34	217	12	38	21
Nay Pyi Taw	-	-	-	-	-	-	17	29	6

**TABLE 10.21 SAW MILLS BY STATES AND REGIONS (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute numbers

States and Regions	2016-2017			2017-2018			2018(Apr-Sep)			2018-2019(p)		
	Saw Mills	Recutting Mills	Domestic Industrial Mills	Saw Mills	Recutting Mills	Domestic Industrial Mills	Saw Mills	Recutting Mills	Domestic Industrial Mills	Saw Mills	Recutting Mills	Domestic Industrial Mills
<b>UNION</b>	<b>377</b>	<b>1332</b>	<b>440</b>	<b>521</b>	<b>1339</b>	<b>436</b>	<b>574</b>	<b>1211</b>	<b>364</b>	<b>659</b>	<b>1185</b>	<b>1015</b>
Kachin State	3	123	-	3	123	-	3	114	-	3	112	-
Kayah State	7	27	8	7	28	8	6	16	4	12	12	12
Kayin State	1	44	35	1	44	35	1	36	25	1	36	4
Chin State	-	2	-	-	2	-	-	-	-	-	2	-
Sagaing Region	88	104	36	108	106	36	89	110	31	90	106	88
Taninthayi Region	9	69	26	11	69	26	9	50	12	10	49	16
Bago Region	45	108	91	64	108	92	40	84	71	60	101	28
Magway Region	17	85	26	24	87	26	20	86	24	24	87	37
Mandalay Region	119	213	28	138	213	28	141	202	26	158	185	106
Mon State	6	69	22	9	69	22	10	70	21	21	70	207
Rakhine State	4	60	6	7	60	6	5	62	6	5	65	85
Yangon Region	28	300	126	81	302	120	187	253	108	200	248	114
Shan State	27	58	8	30	58	8	27	56	6	39	44	110
Ayeyawady Region	9	45	21	16	45	22	18	46	21	16	45	182
Nay Pyi Taw	14	25	7	22	25	7	18	26	9	20	23	26

Note : Domestic industrial mills refer to those producing Furniture and other semi-finished products .

Sources : 1. Forest Department.  
2. Myanmar Timber Enterprise.

## METHODOLOGY SHEET | Working Elephants Used in Timber Extraction

<b>Responsible Unit (Service or Structure)</b>	Myanmar Timber Enterprise
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Number of Working Elephants
<b>Classification Variables</b>	State owned, Private owned
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Working elephants
<b>Table</b>	10.22

**TABLE 10.22 WORKING ELEPHANTS USED IN TIMBER EXTRACTION BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute numbers

States and Regions	2005-2006			2010-2011			2015-2016		
	State owned	Private owned	Total	State owned	Private owned	Total	State owned	Private owned	Total
<b>UNION</b>	<b>1788</b>	<b>1130</b>	<b>2918</b>	<b>1645</b>	<b>1221</b>	<b>2866</b>	<b>1315</b>	<b>-</b>	<b>1315</b>
Kachin State	44	75	119	42	70	112	84	-	84
Kayah State	-	16	16	-	16	16	-	-	-
Kayin State	-	109	109	-	110	110	-	-	-
Chin State	64	-	64	52	-	52	44	-	44
Sagaing Region	547	192	739	357	185	542	455	-	455
Taninthayi Region	-	15	15	-	10	10	-	-	-
Bago Region	423	368	791	348	280	628	241	-	241
Magway Region	365	26	391	356	10	366	198	-	198
Mandalay Region	146	75	221	159	60	219	46	-	46
Mon State	-	33	33	-	-	-	-	-	-
Rakhine State	48	13	61	61	-	61	53	-	53
Yangon Region	-	-	-	-	-	-	-	-	-
Shan State	67	167	234	111	249	360	62	-	62
Ayeyawady Region	84	41	125	159	231	390	89	-	89
Nay Pyi Taw	-	-	-	-	-	-	43	-	43

**TABLE 10.22 WORKING ELEPHANTS USED IN TIMBER EXTRACTION BY STATES AND REGIONS (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute numbers

States and Regions	2016-2017			2017-2018			2018 (Apr-Sep)			2018-2019(p)		
	State owned	Private owned	Total	State owned	Private owned	Total	State owned	Private owned	Total	State owned	Private owned	Total
<b>UNION</b>	<b>1611</b>	<b>-</b>	<b>1611</b>	<b>1233</b>	<b>-</b>	<b>1233</b>	<b>1222</b>	<b>-</b>	<b>1222</b>	<b>1198</b>	<b>-</b>	<b>1198</b>
Kachin State	49	-	49	47	-	47	38	-	38	59	-	59
Kayah State	-	-	-	-	-	-	-	-	-	-	-	-
Kayin State	-	-	-	-	-	-	-	-	-	-	-	-
Chin State	37	-	37	32	-	32	32	-	32	42	-	42
Sagaing Region	615	-	615	491	-	491	500	-	500	493	-	493
Taninthayi Region	-	-	-	-	-	-	-	-	-	-	-	-
Bago Region	234	-	234	93	-	93	121	-	121	135	-	135
Magway Region	241	-	241	183	-	183	184	-	184	142	-	142
Mandalay Region	88	-	88	70	-	70	69	-	69	68	-	68
Mon State	-	-	-	-	-	-	-	-	-	-	-	-
Rakhine State	70	-	70	61	-	61	58	-	58	58	-	58
Yangon Region	-	-	-	-	-	-	-	-	-	-	-	-
Shan State	111	-	111	112	-	112	105	-	105	88	-	88
Ayeyawady Region	100	-	100	77	-	77	77	-	77	77	-	77
Nay Pyi Taw	66	-	66	67	-	67	38	-	38	36	-	36

Source : Myanma Timber Enterprise.

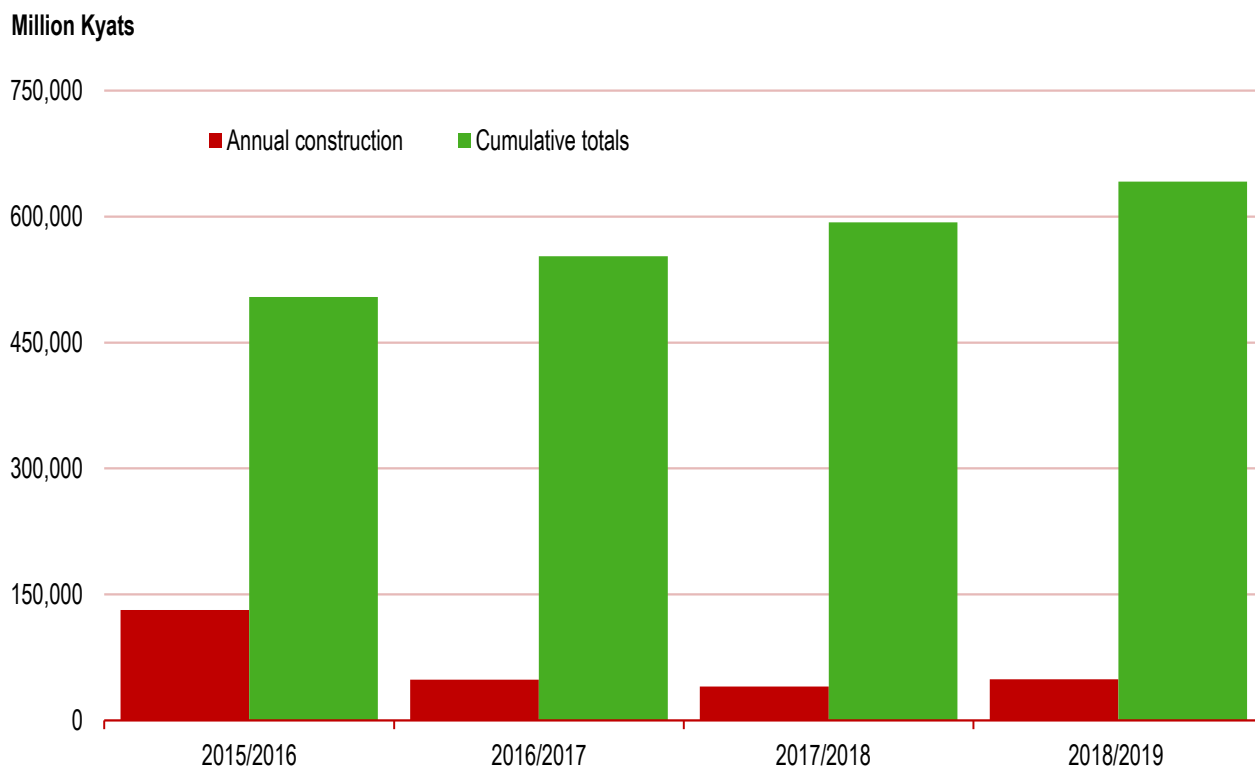


# 11

## Industry, Construction and Myanmar Micro, Small and Medium Enterprises Survey

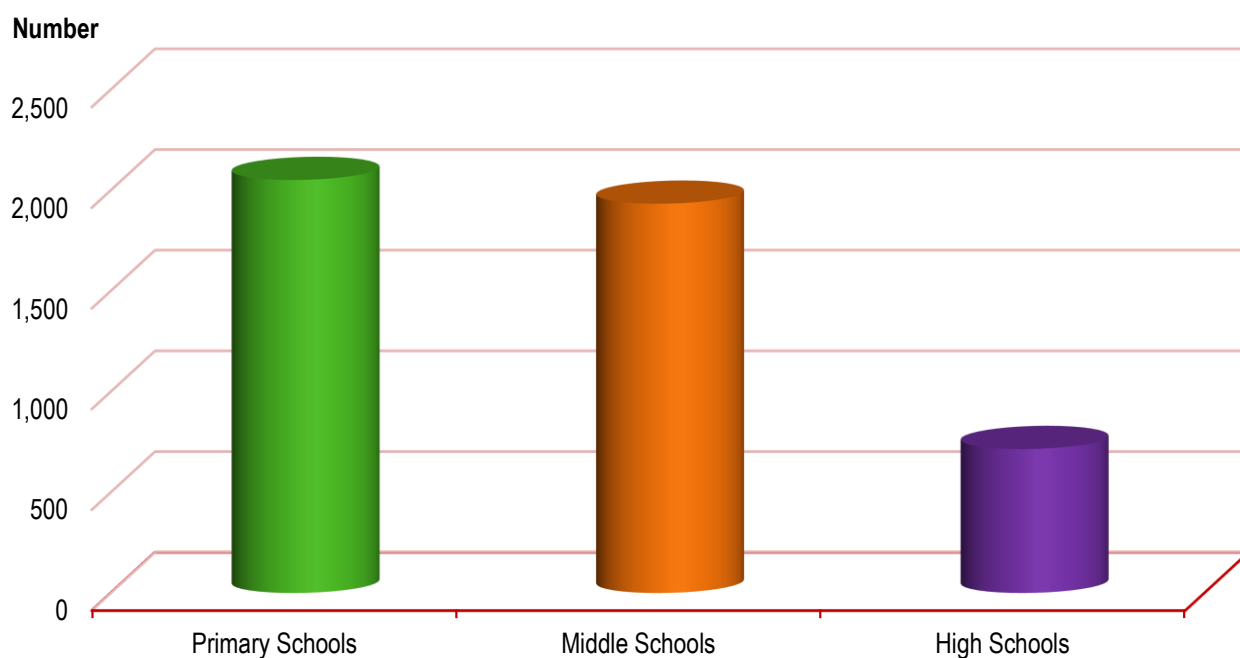
In 2018-2019 the production of **crude oil** was 5,510 thousand US barrel, **natural gas** was 668,181 million Cu.ft. **Electric power generation** was 22,883 million kwh, that of **net production** was 19,294 million kwh, while **unit loss** was 3,405 million kwh and **electric power generation by gas** was 9,366 million kwh. | Across Myanmar, **4,699 schools completed construction** in 2018-2019. The **number of bridges** completed by Department of Bridge and Progress of Border Area and National Races Department was **72,393** in 2018-2019. | In 2019 **micro enterprises** made up 70.87% of the manufacturing sector, **small enterprises** 24.44%, **medium enterprises** 4.28% and **large enterprises** 0.41%. In addition, **gross growth in capital per full time employee** in **micro** firms was 3.5%, **small** firms was 4.3% and **medium and above** firms was 5.1% in 2019 compared to 2017.

**FIGURE 11.1 COMPLETED RESIDENTIAL BUILDINGS (PUBLIC)**



Source : Department of Urban and Housing Development

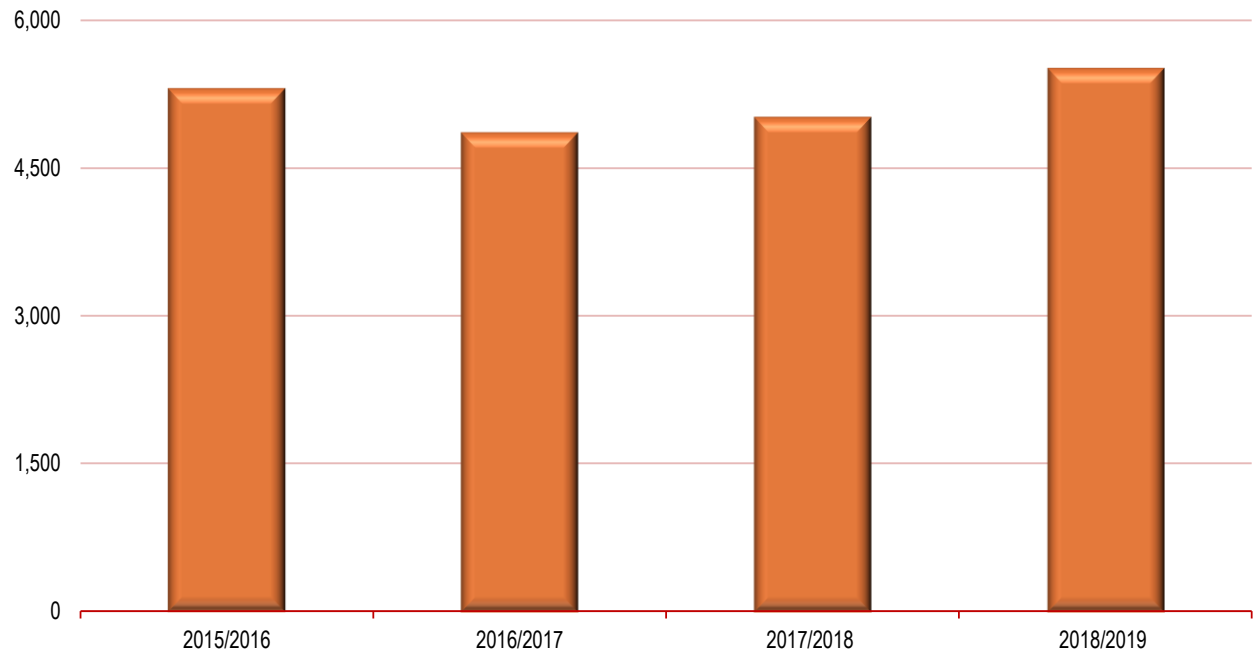
**FIGURE 11.2 COMPLETED CONSTRUCTION OF SCHOOLS, 2018/2019**



Source : Department of Basic Education

**FIGURE 11.3 PRODUCTION OF CRUDE OIL**

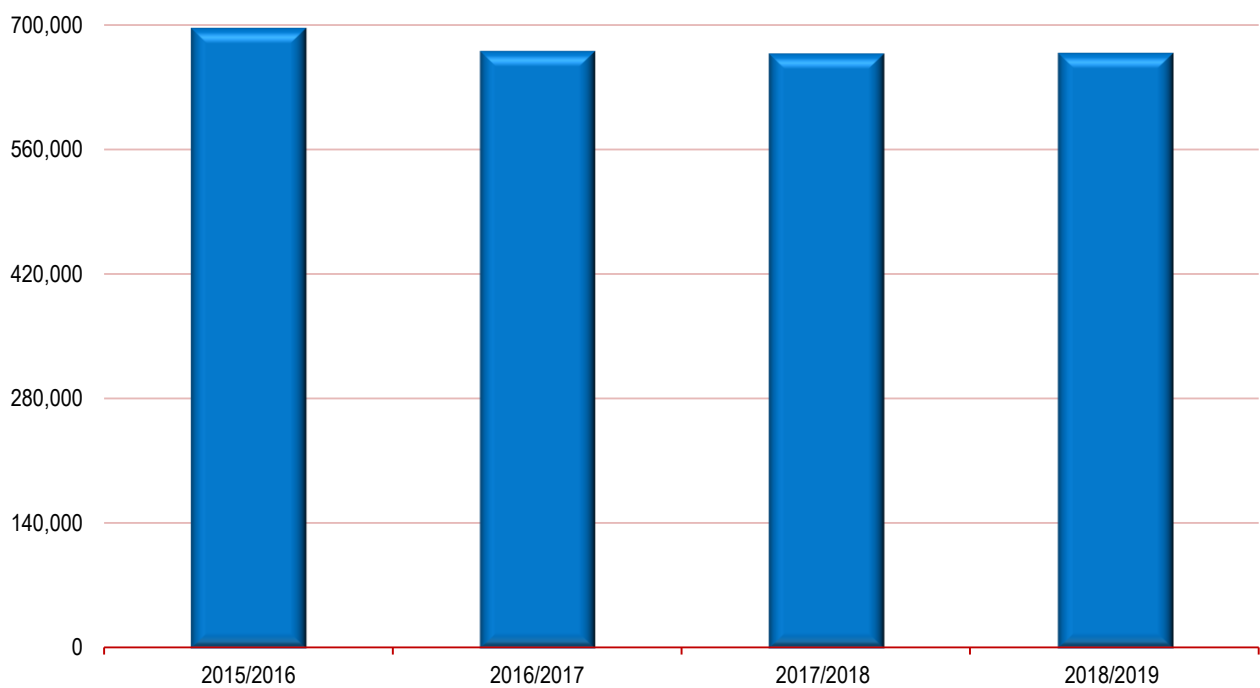
Thousand US barrel



Source : Ministry of Electricity and Energy

**FIGURE 11.4 PRODUCTION OF NATURAL GAS**

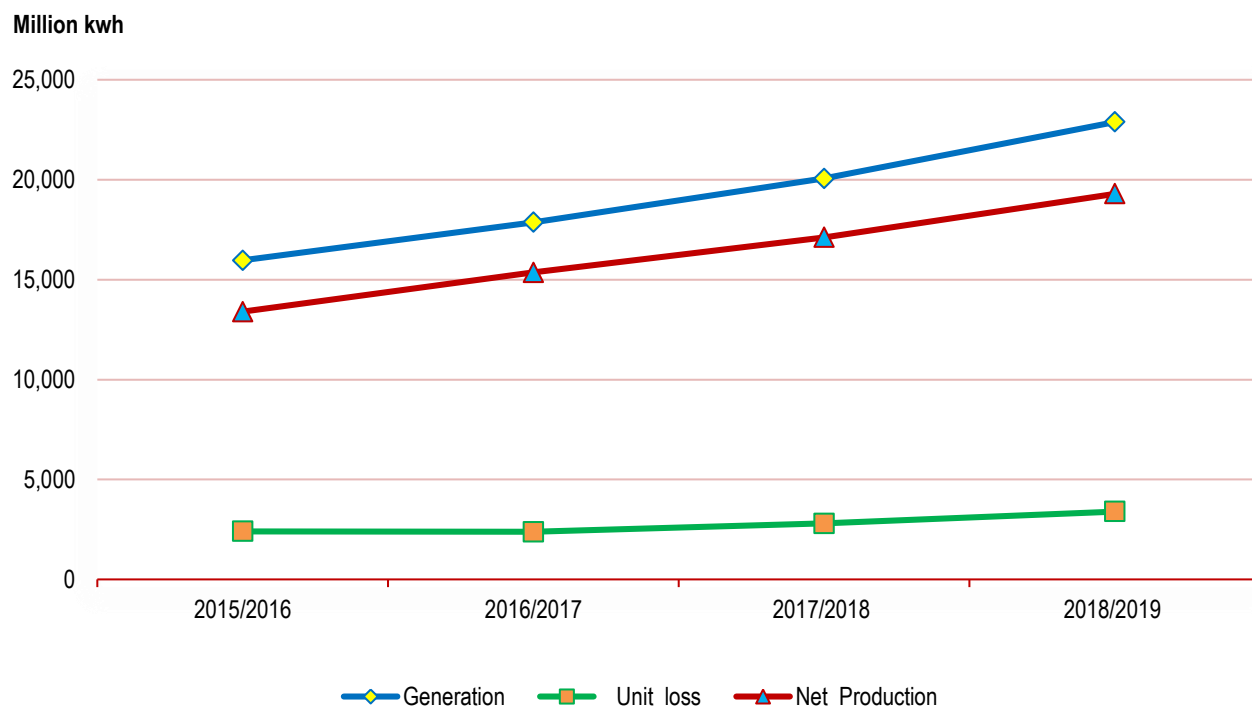
Million Cu.ft



Source : Ministry of Electricity and Energy

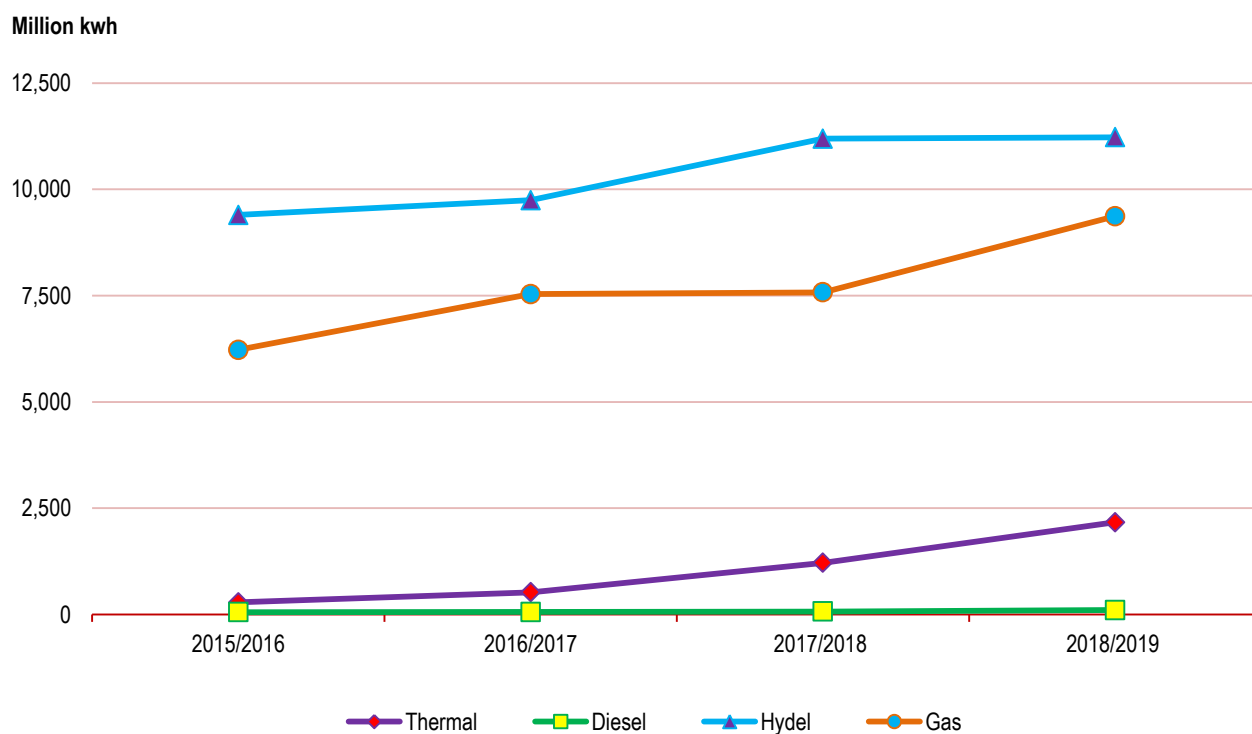


**FIGURE 11.5 PRODUCTION OF ELECTRIC POWER**



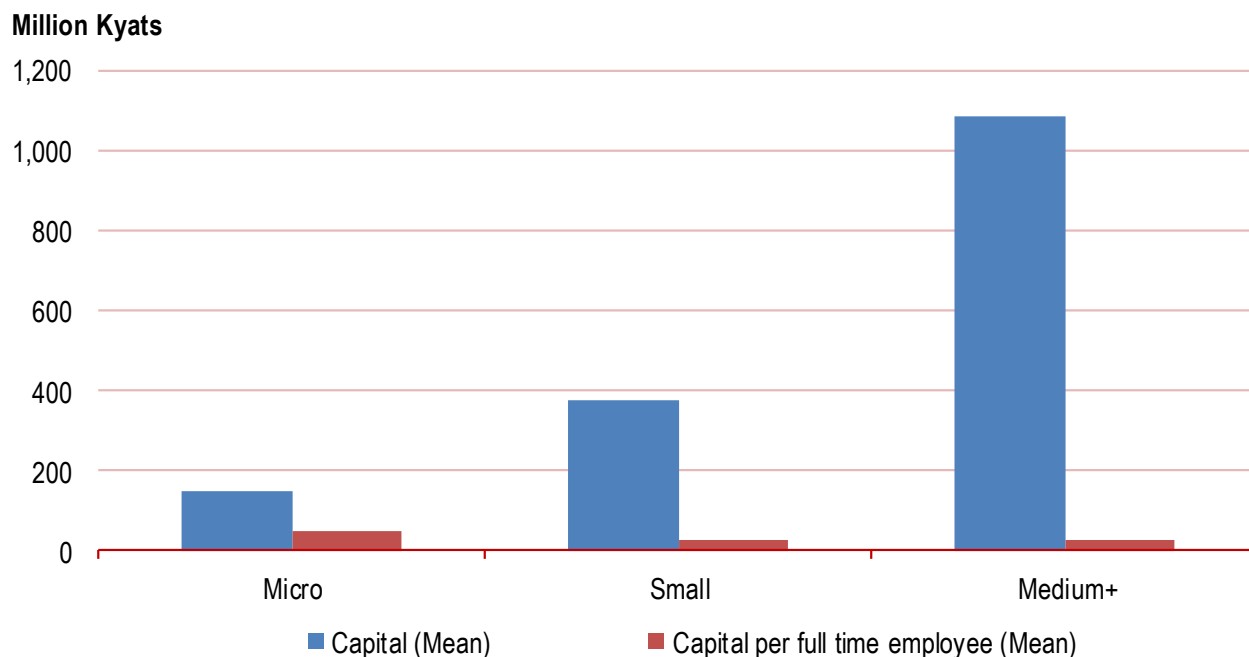
Source : Ministry of Electricity and Energy

**FIGURE 11.6 PRODUCTION OF ELECTRIC POWER GENERATION BY TYPE**



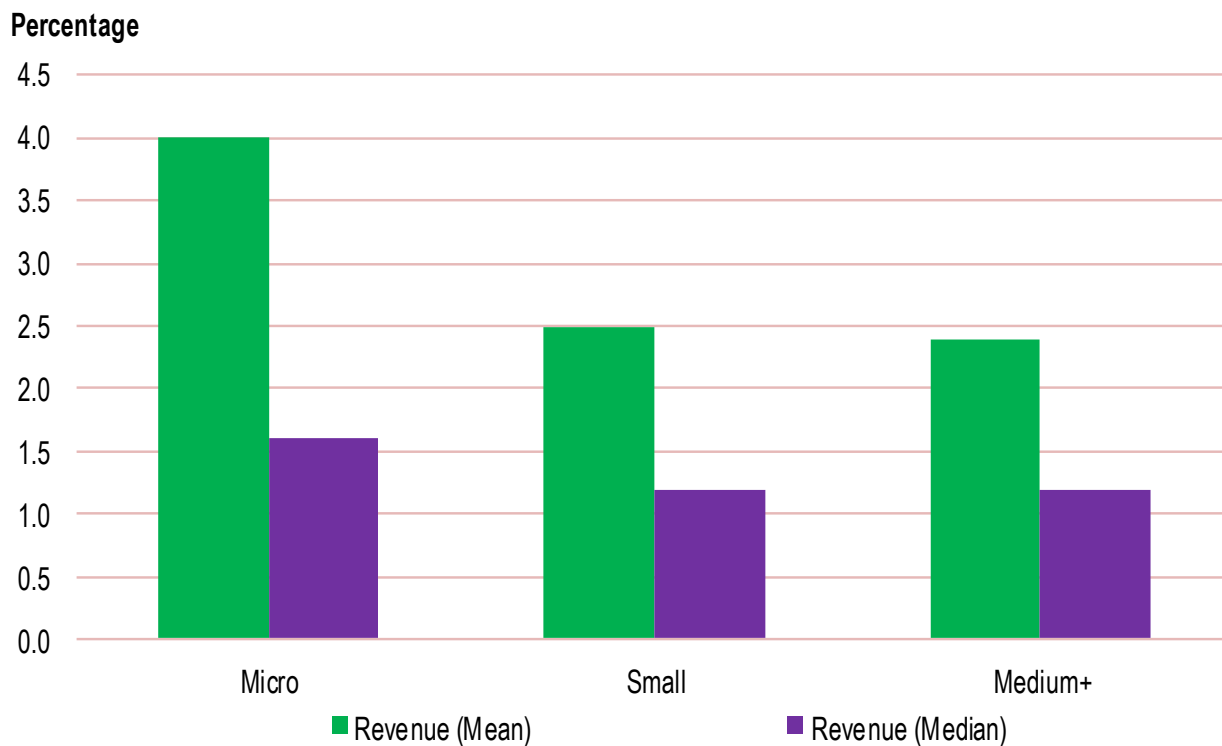
Source : Ministry of Electricity and Energy

**FIGURE 11.7 CAPITAL AND CAPITAL PER FULL TIME EMPLOYEE BY FIRM SIZE**



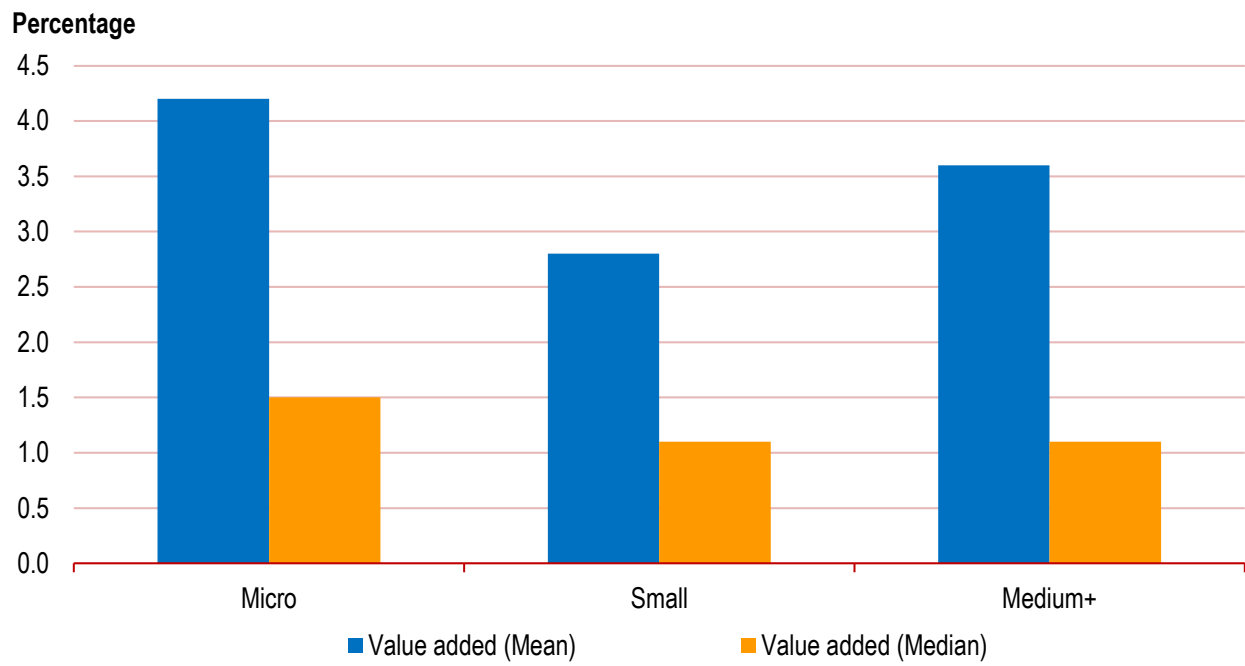
Source : Myanmar Micro, Small and Medium Enterprises Survey (2019)

**FIGURE 11.8 GROWTH IN REVENUE BY FIRM SIZE**



Source : Myanmar Micro, Small and Medium Enterprises Survey (2019)

**FIGURE 11.9 GROWTH IN VALUE ADDED BY FIRM SIZE**



Source : Myanmar Micro, Small and Medium Enterprises Survey (2019)

## INDUSTRY

### METHODOLOGY SHEET | State-Owned Economic Enterprises

<b>Responsible Unit (Service or Structure)</b>	The Respective Agencies
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	State-Owned Economic Enterprises
<b>Classification Variables</b>	Food products, Beverages, Tobacco Products, Textiles, Wearing apparel, Leather and related products, Wood and products of wood and cork; except furniture; manufacture of articles of straw and plaiting materials, Paper and paper products, Printing and reproduction of recorded media, Coke and refined petroleum products, Chemicals and chemical products, Pharmaceuticals, medicinal chemical and botanical products, Rubber and plastics products, Other non-metallic mineral products, Basic metals, Fabricated metal products; except machinery and equipment, Computer, Electronic and optical products, Electrical equipment, Machinery and equipment n.e.c., Motor vehicles, Trailers, and semi-trailers, Other transport equipment, Furniture, Other manufacturing, Repair and installation of machinery and equipment
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Enterprises
<b>Table</b>	11.01

**TABLE 11.01 STATE-OWNED ECONOMIC ENTERPRISES**  
Years 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>STATE-OWNED ECONOMIC ENTERPRISES</b>	<b>594</b>	<b>533</b>	<b>529</b>	<b>533</b>	<b>548</b>	<b>542</b>
Manufacture of food products	62	37	36	36	36	30
Manufacture of beverages	10	8	8	8	6 (r)	6
Manufacture of tobacco products	-	-	-	-	-	-
Manufacture of textiles	52	52	53	52	59 (r)	59
Manufacture of wearing apparel	5	2	2	2	17 (r)	16
Manufacture of leather and related products	4	2	2	2	2	2
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	93	75	74	77	77	77
Manufacture of paper and paper products	9	6	6	7	8 (r)	9
Printing and reproduction of recorded media	23	24	24	24	23 (r)	23
Manufacture of coke and refined petroleum products	12	12	12	12	12	12
Manufacture of chemicals and chemical products	6	5	5	5	12 (r)	12
Manufacture of pharmaceuticals, medicinal chemical and botanical products	10	9	9	9	8 (r)	8
Manufacture of rubber and plastics products	14	12	12	12	12	12
Manufacture of other non-metallic mineral products	19	16	16	16	16	16
Manufacture of basic metals	2	2	2	2	2	2
Manufacture of fabricated metal products, except machinery and equipment	5	5	5	5	5	5
Manufacture of computer, electronic and optical products	- (r)	- (r)	- (r)	- (r)	- (r)	-
Manufacture of electrical equipment	58	67	67	67	69 (r)	69
Manufacture of machinery and equipment n.e.c.	10	8	7	7	8 (r)	8
Manufacture of motor vehicles, trailers and semi-trailers	3	3	-	-	2 (r)	2
Manufacture of other transport equipment	22	25	18	22	20	20
Manufacture of furniture	11	12	12	9	10 (r)	10
Other manufacturing	31	23	25	25	8 (r)	8
Repair and installation of machinery and equipment	133	128	134	134	136 (r)	136

Source : Data obtained from the respective agencies.

METHODOLOGY SHEET | **Volume of Production of State-owned and Joint Venture**

<b>Responsible Unit (Service or Structure)</b>	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, Department of Co-operative
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Volume of Production of State-owned and Joint Venture
<b>Classification Variables</b>	Food and Beverages, Textile (Cotton), Made-up Articles, Personal Requisites, Pharmaceuticals, Household Goods, Electrical Goods, Building Materials, Machinery, Crude Oil, Natural Gas and Petroleum Products and Others
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Commodities
<b>Table</b>	11.02

**TABLE 11.02 VOLUME OF PRODUCTION OF STATE-OWNED AND JOINT VENTURE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Commodity	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>FOOD AND BEVERAGES</b>								
Sugar	Ton	71450 (r)	91324 (r)	272196 (r)	245900 (r)	375349 (r)	-	474596
Molasses	Ton	38787 (r)	38955 (r)	120479 (r)	104658 (r)	153376 (r)	-	228202
Salt	Crude (000)Ton	172	125	212	221	167	168	213
	Fine (000)Ton	276	242	191	208	176	94	207
Coffee Green Bean	(000)lb	9016	16239	18582	18979	19151	-	19445
Condensed milk	(000)lb	2560	5674	4230	4338	4689	2399	4968
Purified Drinking Water	(000)Litres	4732	56380	14538	13821	10694	5248	4829
<b>TEXTILE (COTTON)</b>								
Cotton Fabrics	(000) yd	17702	18983	1517	3209	1198	1111	1228
Poplin	(000) yd	6433	13009	257	1891	69	70 (r)	262
Cotton Shirting	(000) yd	8182	2357	1260	827	979	275	796
Netting Mosquito-Cotton	(000) yd	3082	3600	-	491	150	862	362
Cotton Yarn	(000)lb	9112	19247	2731	3225	3974	2081	4076
<b>MADE-UP ARTICLES</b>								
Vests	(000) No	1445	2355	14	95	178	49	97
Towels	(000) No	3014	-	-	3	1	2	19
Longyi	(000) No	543	96	48	28	207	45	262
Shirts and Ready-made Garments	(000) No	1212	1187	689	9	125	45	27
Monk's Robe	Set	103389	54679	-	-	-	4593	7064

Note : Sugar, Molasses and Coffee Green Bean data represented state-owned and the private sector.

**TABLE 11.02 VOLUME OF PRODUCTION OF STATE-OWNED AND JOINT VENTURE (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Commodity	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>PERSONAL REQUISITES</b>								
Tooth paste	(000)doz	65	4	-	-	-	3	26
Toilet soap	Ton	2912	519	-	90	40	60	105
<b>PHARMACEUTICALS</b>								
Solids	(000)kg	286	455	804	974	850	378	1027
Liquids	(000)Litres	396	219	170	462	791	480	822
Ointments and similar preparations	(000)kg	58	58	29	47	51	35	83
Tablets	Million	1244	903	716	864	1009	414	879
Sterile products	(000)amp	14687	18666	21154	20730	41447	15369	31987
Biological products	(000)dosage	432	518	355	426	1557	2544	437
<b>HOUSEHOLD GOODS</b>								
Washing soap	Ton	66775	44235	6885	7700	7720	3370	6545
<b>ELECTRICAL GOODS</b>								
Transformer	No	100	181	5	-	-	5	-
<b>BUILDING MATERIALS</b>								
Cement	(000)MT	556	556	342	1451	1982	824	2083
Bricks	(000)No	72325	59759	-	12005	7400	4878	8026
Glass	Ton	5863	10051	33081	21789	29218	-	56400
Tile (1' x 1')	(000)No	-	-	-	1952	2075	1901	-



**TABLE 11.02 VOLUME OF PRODUCTION OF STATE-OWNED AND JOINT VENTURE (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Commodity	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>MACHINERY</b>								
Tyre and Tube	No	90620	308061	77410	135788	167308	151302	350280
Light Agriculture Machine	No	11124	7810	633	1146	-	-	1
Light vehicles	No	445	1479	-	-	-	-	4
<b>CRUDE OIL, NATURAL GAS AND PETROLEUM PRODUCTS</b>								
Crude Oil	(000)US barrel	8028 (r)	6942 (r)	5306 (r)	4860 (r)	5017 (r)	2642 (r)	5510
Natural Gas	Million Cuft	437729	450379	696231	670081	667583	305755	668181
(a)Pipeline Gas	M-Cuft	436289	443339	689999	663531	660927	302050	660041
(b)Compressed Natural Gas	M-Cuft	1440	7040	6232	6550	6656	3705	8140
Motor Spirit	(000)gal	107148	129052	44199	44742	20075	9543	20336
Diesel Oil	(000)gal	54078	63044	4355	39917	34600	14620	29648
LPG	(000)gal	3962	3290	4150	3248	2880	1001	1995
Furnace Oil	(000)gal	13440	15602	8640	16251	10390	2926	7472
Aviation Turbine	(000)gal	15970	11657	4355	4253	2968	1479	2652
Kerosene	(000)gal	409	434	65	36	38	67	33
Petroleum Coke	M.T	19515	16619	12986	12171	12229	1062	2226
<b>OTHERS</b>								
Plastic Ware	No	618541	280762	-	109261	35953	3322	598604
Fertilizer(Urea)	(000)M.T	100	35	130	83	100	54	125

- Notes : 1. LPG-Liquefied Petroleum Gas.  
2. The unit of Petroleum Coke is Metric Ton since 1995-1996.  
3. Crude Oil includes private sector production which are handed well.  
4. Natural Gas 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. Department of Co-operative

METHODOLOGY SHEET | **Mines by States and Regions**

<b>Responsible Unit (Service or Structure)</b>	Department of Mines
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Mines
<b>Classification Variables</b>	Metal and Non-metal
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Mines
<b>Table</b>	11.03

**TABLE 11.03 MINES BY STATES AND REGIONS**  
Years 2005, 2010, 2015-2019, absolute values

States and Regions	Type	2005*	2010*	2015*	2016*	2017*	2018*	2019*
<b>UNION</b>	<b>Metal</b>	<b>279</b>	<b>1840</b>	<b>2043</b>	<b>765</b>	<b>648</b>	<b>650</b>	<b>708</b>
	<b>Non-metal</b>	<b>10</b>	<b>36</b>	<b>900</b>	<b>340</b>	<b>289</b>	<b>299</b>	<b>345</b>
Kachin State	Metal	37	324	-	64	68	68	73
	Non-metal	2	1	-	20	2	2	13
Kayah State	Metal	4	5	-	17	16	15	17
	Non-metal	-	-	-	-	-	-	-
Kayin State	Metal	1	208	35	23	23	23	25
	Non-metal	1	-	3	23	17	17	18
Sagaing Region	Metal	34	402	10	194	134	141	144
	Non-metal	1	8	-	35	32	32	52
Taninthayi Region	Metal	-	86	-	38	36	35	50
	Non-metal	1	1	-	17	17	17	15
Bago Region	Metal	19	67	-	2	2	2	3
	Non-metal	-	-	-	-	-	3	3
Magway Region	Metal	-	-	-	2	-	-	2
	Non-metal	-	-	-	38	43	38	43
Mandalay Region	Metal	181	669	1880	232	196	200	205
	Non-metal	1	14	878	90	92	92	86
Mon State	Metal	-	6	8	13	9	9	8
	Non-metal	1	1	16	18	10	10	10
Shan State	Metal	3	73	110	180	164	157	181
	Non-metal	3	11	3	93	70	81	98
Chin State	Metal	-	-	-	-	-	-	-
	Non-metal	-	-	-	-	-	-	-
Ayeyawady Region	Metal	-	-	-	-	-	-	-
	Non-metal	-	-	-	2	2	3	3
Rakhine State	Metal	-	-	-	-	-	-	-
	Non-metal	-	-	-	1	1	1	1
Nay Pyi Taw	Metal	-	-	-	-	-	-	-
	Non-metal	-	-	-	3	3	3	3

Notes : 1. \*Include Private Sector.

Source : Department of Mines.

2. Mines are included in large scale Mining which measured by above 247.1 acre.

METHODOLOGY SHEET | **Production of Minerals**

<b>Responsible Unit (Service or Structure)</b>	No.(1),(2) Mining Enterprise, Myanmar Gems Enterprise
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Production of Minerals
<b>Classification Variables</b>	Precious Mineral, Metal and Ore, Mineral Fuel and Industrial Raw Mineral
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Minerals
<b>Table</b>	11.04

**TABLE 11.04 PRODUCTION OF MINERALS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Mineral	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>PRECIOUS MINERAL</b>								
Jade	(000)Kilogram	19945	44404 (r)	35977	34655	31678	16397	35144
Gems	(000)Carat	23810	9208 (r)	13482	10147	6949	3767	1852
Refined Silver	Troy(000)oz	40	-	-	-	-	-	-
Refined Gold	Troy oz	3151	5516	54400	46482	52079	6534	7374
<b>METAL AND ORE</b>								
Lead Associated Ore	Ton	-	28322	17463	20322	45964	17933	42832
Lead Concentrate	Ton	-	1105	7319	2850	3928	2166	15405
Copper Associated Ore	Ton	-	9870	6015	8616	5389	2729	12235
Iron Ore	Ton	-	-	1286	8405	5300	5470	42220
Antimony Ore	Ton	-	-	5777	2780	3060	1329	2681
Antimony Concentrate	Ton	-	-	760	425	120	0	120
Chromium Ore	Ton	-	-	1200	750	4100	4600	4300
Zinc Concentrates	M.Ton	280	-	758	754	825	413 (r)	863
Tin Concentrates	M.Ton	737	653	451	405	359	155	422
Tungsten Concentrates	M.Ton	7	1	10	3	5	3	6
Mixed Tin, Tungsten and Scheelite	M.Ton	921	1204	627	816	956	335	608
a.Tin/Tungsten mixed	M.Ton	91	468	385	519	406	89	163
b.Tin/Tungsten/Scheelite	M.Ton	830	736	242	297	550	246	445
<b>MINERAL FUEL</b>								
Coal	M.Ton	201830	239527	419862	549838	736948	640477	1771628
<b>INDUSTRIAL RAW MATERIAL</b>								
Baryte	M.Ton	2205	14346	2836	3215	2186	555	10565
Baryte Powder	Ton	3973	22645	2000	1252	1950	-	-
Manganese Dioxide	Ton	-	68645	4722	1870	26628	12176	57300
Marble	Ton	417	438	3346	8797	14677	3360	9489
Lime Stone	M.Ton	20093	939	3427909	6002241	7984629	4929776	11055280
Fire Clay	M.Ton	30	-	2950	3000	2950	275	-
Bentonite	M.Ton	602	546	700	600	600	600	540
Gypsum	M.Ton	69735	77617	99859	338489	297339	169455 (r)	295378
Dolomite	M.Ton	4400	2350	2200	2200	2200	900	1800
Fire Clay Powder	M.Ton	97	-	-	-	-	-	-

Notes : 1. Data from 1995-1996 to 2015-2016 are obtained from the Myanmar Gems Enterprise.

2. The new item of Lead Associated Ore, Lead Concentrate, Copper Associated Ore, Iron Ore, Antimony Ore, Antimony Concentrate, Chromium Ore, Baryte Powder, Manganese Dioxide And Marble are included, starting from in this book.

Sources : 1. No.(1),(2) Mining Enterprise.  
2. Myanmar Gems Enterprise.

METHODOLOGY SHEET | **Persons engaged in Metalliferrous mines by Type of Mining**

<b>Responsible Unit (Service or Structure)</b>	Department of Mines
<b>Level of Disaggregation</b>	Union, Gender, Workers
<b>Study Variables</b>	Persons engaged in Metalliferrous mines by Type of Mining
<b>Classification Variables</b>	Underground, Openworking and Surface workers
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Mining Workers
<b>Table</b>	11.05

**TABLE 11.05 PERSONS ENGAGED IN METALLIFEROUS MINES BY TYPE OF MINING**  
Years 2005, 2010, 2015-2019, absolute values

Year		Total Workers	Type of Workers		
			Underground	Open working	Surface
2005*	Male	27528	13256	13143	1129
	Female	3504	-	3183	321
	Total	31032	13256	16326	1450
2010*	Male	61348	13921	32407	15020
	Female	9980	-	5331	4649
	Total	71328	13921	37738	19669
2015*	Male	5641	-	3761	1880
	Female	2703	-	1825	878
	Total	8344	-	5586	2758
2016*	Male	50	-	30	20
	Female	10	-	-	10
	Total	60	-	30	30
2017*	Male	66	-	40	26
	Female	14	-	-	14
	Total	80	-	40	40
2018*	Male	50	-	30	20
	Female	10	-	-	10
	Total	60	-	30	30
2019*	Male	24	-	24	-
	Female	4	-	4	-
	Total	28	-	28	-

Notes : 1. \*Include Private Sector.

Source : Department of Mines.

2. Persons are engaged in small scale Mining block.

METHODOLOGY SHEET | **Electric Power**

<b>Responsible Unit (Service or Structure)</b>	Department of Electric Power Planning, Electric Power Generation Enterprise, Electricity Supply Enterprise, Yangon Electricity Supply Corporation, Mandalay Electricity Supply Corporation
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Electric Power Installation, Generation, Consumption, Production and Sales of Electric Power
<b>Classification Variables</b>	Installed capacity, generation, consumption, consumers, electrification, Installation and generation, unit loss, departmental use, Net Production, Cost of Production, Unit costs, Sales of electric power
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Electric Power
<b>Tables</b>	11.06, 11.07, 11.08, 11.09, 11.10



**TABLE 11.06 ELECTRIC POWER INSTALLATION, GENERATION AND CONSUMPTION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, 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
2015-2016	5125	15964.75	13550.81	3698	450	8872
2016-2017	5390	17866.99	15482.09	4111	467	10792
2017-2018	5642	20055.32	17251.91	4338	476	11614
2018 (Apr-Sep)	5651	11129.23	9573.47	4618	449	13210
2018-2019	5838	22882.85	19478.05	5140	464	14881

Notes : 1. Installed capacity (megawatts) includes exported power to China since 2009-2010.

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 in Townships and Towns.

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 11.07 ELECTRIC POWER INSTALLATION BY TYPE AND LOCATION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Megawatts

Year	By Type					Total	By Location		
	Thermal	Diesel	Hydel	Gas	Solar		Yangon	Lawpita	Other
2005-2006	315	68	746	561	-	1690	465	196	1029
2010-2011	285	56	2522	550	-	3413	471	196	2746
2015-2016	300	95	3215	1515	-	5125	1000	248	3877
2016-2017	378	94	3255	1663	-	5390	1041	248	4101
2017-2018	414	92	3255	1881	-	5642	1151	248	4243
2018 (Apr-Sep)	496	117	3259	1779	-	5651	1176	248	4227
2018-2019	496	116	3262	1924	40	5838	1176	248	4414

Notes : 1. Hydel installation (megawatts) includes exported power to China since 2009-2010.  
2. Solar Power Installation was included starting in 2018-2019.

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, 2015/2016-2018/2019, absolute values in million kwh

Year	By Type					Total	By Location		
	Thermal	Diesel	Hydel	Gas	Solar		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
2015-2016	284.98	55.23	9398.98	6225.56	-	15964.75	3490.04	1130.84	11343.87
2016-2017	524.23	61.12	9743.85	7537.79	-	17866.99	3701.48	1233.30	12932.21
2017-2018	1217.7	68.87	11190.81	7577.94	-	20055.32	4230.54	1597.12	14227.66
2018 (Apr-Sep)	719.35	40.18	6574.81	3794.89	-	11129.23	2247.66	929.43	7952.14
2018-2019	2169.70	104.73	11227.82	9366.56	14.04	22882.85	5086.39	1815.30	15981.16

Note : Solar Power Generation was included starting in 2018-2019.

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, 2015/2016-2018/2019, 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
2015-2016	15964.75	2413.94	154.26	13396.55	1214389745	90.65
2016-2017	17866.99	2384.90	127.00	15355.09	1475977132	96.12
2017-2018	20055.32	2803.41	136.44	17115.47	1604988988	93.77
2018 (Apr-Sep)	11129.23	1555.76	100.74	9472.73	884317662	93.35
2018-2019	22882.85	3404.80	183.55	19294.50	2324883930	120.49

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, 2015/2016-2018/2019, absolute values

Year	Volume (Million Kwh)					Value (Million Kyats)				
	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	234.49
2010-2011	6312.08	2653.33	2286.77	1306.38	65.60	237118.99	99653.01	93887.07	41675.54	1903.37
2015-2016	13396.55	3567.15	2144.85	1463.75	6220.80	943391.14	170711.21	249300.91	116185.42	407193.60
2016-2017	15355.09	3451.07	2119.75	1377.92	8406.35	1059794.96	163690.81	242572.80	107656.98	545874.37
2017-2018	17115.47	4509.82	2772.87	1703.04	8129.74	1205902.54	212971.25	316623.05	135317.30	540990.94
2018 (Apr-Sep)	9472.73	2738.16	1752.78	963.75	4018.04	675157.59	130437.27	202221.80	76908.64	265589.88
2018-2019	19294.50	6728.60	4581.41	2075.12	5909.37	1659815.95	410459.39	603335.73	210557.99	435462.84

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

<b>Responsible Unit (Service or Structure)</b>	Department of Urban and Housing Development, Yangon City Development Committee, Mandalay City Development Committee and Naypyitaw Development Committee
<b>Level of Disaggregation</b>	Union, Yangon, Mandalay, Nay Pyi Taw
<b>Study Variables</b>	Number of Buildings, Total Family Units, Floor Space, Total Cost of Construction
<b>Classification Variables</b>	Annual Construction, Cumulative Totals, Public, Private
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Residential Buildings
<b>Tables</b>	11.11, 11.12, 11.13

**TABLE 11.11 COMPLETED RESIDENTIAL BUILDINGS (PUBLIC)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Year	Yangon		Other Towns		Total Cost of Construction (K million)
	No. of Buildings	Total Family Units	No. of Buildings	Total Family Units	
<b>ANNUAL CONSTRUCTION</b>					
2005-2006	229	633	-	-	9860.16
2010-2011	27	336	6	46	6075.41
2015-2016	249	6993	69	2220	131336.29
2016-2017	121	3138	-	-	48289.24
2017-2018	132	3594	-	-	40286.21
2018-2019	77	1918	46	1360	48795.85
<b>CUMULATIVE TOTALS</b>					
2005-2006	3457	29280	1372	3969	52976.72
2010-2011	3765	31272	1386	4113	98093.32
2015-2016	4915	48750	1608	8449	504334.56
2016-2017	5036	51888	1608	8449	552623.79
2017-2018	5168	55482	1608	8449	592910.01
2018-2019	5245	57400	1654	9809	641705.86

Source : Department of Urban and Housing Development.

**TABLE 11.12 COMPLETED RESIDENTIAL BUILDINGS (PRIVATE)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Year	YCDC	MCDC		NPTDC	
	No. Of Buildings	No. Of Buildings	Total Family Units	Floor Space (sq.ft)	No. Of Buildings
<b>ANNUAL CONSTRUCTION</b>					
2005-2006	-	844	4220	2661709	-
2010-2011	-	1147	5735	3593245	1581
2015-2016	2302	2873	14365	12046214	716
2016-2017	3409	3362	16810	17166224	737
2017-2018	2039	3652	18260	22648389	423
2018 (Apr-Sep)	1393	1888	9440	11863366	347
2018-2019	2164	3236	16180	22388231	965
<b>CUMULATIVE TOTALS</b>					
2005-2006	-	844	4220	2661709	-
2010-2011	-	1991	9955	6254954	1581
2015-2016	2302	4864	24320	18301168	5252
2016-2017	5711	8226	41130	35467392	5989
2017-2018	7750	11878	59390	58115781	6412
2018 (Apr-Sep)	9143	13766	68830	69979147	6759
2018-2019	11307	17002	85010	92367378	7724

Notes : 1. Cumulative numbers are started calculating from 2005-2006.  
 2. Data for Total Family Units and Floor Space (sq.ft) can't be collected from YCDC and NPTDC.

Sources : 1. Yangon City Development Committee (YCDC).  
 2. Mandalay City Development Committee (MCDC).  
 3. Naypyitaw Development Committee (NPTDC).

**TABLE 11.13 COMPLETED RESIDENTIAL BUILDINGS CONSTRUCTED UNDER RESIDENTIAL HOUSING SCHEME**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018-2019
<b>Total</b>						
Buildings (Number)	245	33	318	121	132	123
Family Units (Number)	1234	382	9213	3138	3594	3278
Floor Space(sq.ft.)	1447158	329736	5550614	1465368	2106751	1824315
Cost (K million)	362160.16	6075.41	131336.29	48289.24	40286.21	48795.85
<b>Public</b>						
Buildings (Number)	229	33	318	121	132	123
Family Units (Number)	633	382	9213	3138	3594	3278
Floor Space(sq.ft.)	884700	329736	5550614	1465368	2106751	1824315
Cost (K million)	9860.16	6075.41	131336.29	48289.24	40286.21	48795.85
<b>Private</b>						
Buildings (Number)	16	-	-	-	-	-
Family Units (Number)	601	-	-	-	-	-
Floor Space(sq.ft.)	562458	-	-	-	-	-
Cost (K million)	352300	-	-	-	-	-

Source : Department of Urban and Housing Development.

METHODOLOGY SHEET | **School Construction**

<b>Responsible Unit (Service or Structure)</b>	Department of Education Research, Planning and Training Department of Basic Education
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Completed Construction of Schools
<b>Classification Variables</b>	Primary Schools, Middle Schools, High Schools
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	School Buildings
<b>Table</b>	11.14

**TABLE 11.14 COMPLETED CONSTRUCTION OF SCHOOLS BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2005-2006				2010-2011			
	Primary Schools	Middle Schools	High Schools	Total	Primary Schools	Middle Schools	High Schools	Total
<b>UNION</b>	<b>1064</b>	<b>176</b>	<b>162</b>	<b>1402</b>	<b>1198</b>	<b>183</b>	<b>153</b>	<b>1534</b>
Kachin State	23	6	9	38	16	3	6	25
Kayah State	11	5	2	18	4	1	2	7
Kayin State	13	3	5	21	22	5	9	36
Chin State	57	10	13	80	6	3	4	13
Sagaing Region	164	26	9	199	60	16	6	82
Taninthayi Region	9	1	2	12	16	1	1	18
Bago Region	200	35	34	269	185	22	29	236
Magway Region	131	7	-	138	34	6	5	45
Mandalay Region	77	15	15	107	37	14	10	61
Mon State	39	6	18	63	34	2	9	45
Rakhine State	58	7	7	72	264	28	15	307
Yangon Region	31	4	4	39	103	13	6	122
Shan State	86	21	16	123	13	4	7	24
Ayeyawady Region	165	30	28	223	404	65	44	513
Nay Pyi Taw	-	-	-	-	-	-	-	-

**TABLE 11.14 COMPLETED CONSTRUCTION OF SCHOOLS BY STATES AND REGIONS (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2015-2016				2016-2017			
	Primary Schools	Middle Schools	High Schools	Total	Primary Schools	Middle Schools	High Schools	Total
<b>UNION</b>	<b>1633</b>	<b>285</b>	<b>347</b>	<b>2265</b>	<b>1958</b>	<b>571</b>	<b>608</b>	<b>3137</b>
Kachin State	44	11	14	69	77	20	38	135
Kayah State	15	5	11	31	61	2	7	70
Kayin State	60	4	11	75	167	34	41	242
Chin State	21	8	9	38	86	19	15	120
Sagaing Region	144	28	24	196	203	79	45	327
Taninthayi Region	23	6	15	44	51	17	33	101
Bago Region	227	33	37	297	240	65	87	392
Magway Region	90	35	35	160	174	87	47	308
Mandalay Region	148	35	33	216	188	65	51	304
Mon State	34	7	13	54	70	15	22	107
Rakhine State	156	11	16	183	91	14	31	136
Yangon Region	133	28	24	185	108	36	58	202
Shan State	77	24	41	142	230	41	61	332
Ayeyawady Region	369	47	56	472	196	70	59	325
Nay Pyi Taw	92	3	8	103	16	7	13	36

**TABLE 11.14 COMPLETED CONSTRUCTION OF SCHOOLS BY STATES AND REGIONS (cont'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2017-2018				2018 (Apr-Sep)			
	Primary Schools	Middle Schools	High Schools	Total	Primary Schools	Middle Schools	High Schools	Total
<b>UNION</b>	<b>1426</b>	<b>408</b>	<b>422</b>	<b>2256</b>	<b>58</b>	<b>25</b>	<b>22</b>	<b>105</b>
Kachin State	76	11	18	105	-	-	-	-
Kayah State	11	1	3	15	-	-	-	-
Kayin State	49	17	11	77	1	1	1	3
Chin State	27	10	6	43	31	12	6	49
Sagaing Region	145	87	53	285	-	-	-	-
Taninthayi Region	21	8	16	45	-	-	-	-
Bago Region	122	49	44	215	-	-	-	-
Magway Region	141	65	22	228	-	-	-	-
Mandalay Region	145	29	58	232	-	-	-	-
Mon State	52	11	25	88	-	-	-	-
Rakhine State	178	20	29	227	-	-	2	2
Yangon Region	64	29	32	125	9	9	8	26
Shan State	163	22	38	223	17	3	5	25
Ayeyawady Region	209	43	56	308	-	-	-	-
Nay Pyi Taw	23	6	11	40	-	-	-	-

**TABLE 11.14 COMPLETED CONSTRUCTION OF SCHOOLS BY STATES AND REGIONS (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2018-2019			
	Primary Schools	Middle Schools	High Schools	Total
<b>UNION</b>	<b>2051</b>	<b>1933</b>	<b>715</b>	<b>4699</b>
Kachin State	52	46	36	134
Kayah State	18	17	9	44
Kayin State	79	40	17	136
Chin State	29	55	53	137
Sagaing Region	209	302	69	580
Taninthayi Region	42	60	18	120
Bago Region	161	349	66	576
Magway Region	164	226	64	454
Mandalay Region	265	192	71	528
Mon State	66	79	37	182
Rakhine State	101	105	52	258
Yangon Region	138	103	67	308
Shan State	343	107	43	493
Ayeyawady Region	350	210	99	659
Nay Pyi Taw	34	42	14	90

Note : Data of 2017-2018, 2018 (Apr-Sep) and 2018-2019 are obtained from Department of Basic Education.

Sources : 1. Department of Education Research, Planning and Training.  
2. Department of Basic Education.



## METHODOLOGY SHEET | Private Buildings in Yangon and Mandalay

<b>Responsible Unit (Service or Structure)</b>	Yangon City Development Committee and Mandalay City Development Committee
<b>Level of Disaggregation</b>	Yangon, Mandalay
<b>Study Variables</b>	New Building, Extension/Repair
<b>Classification Variables</b>	Application Submitted, Application Approved, Completed Construction
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Private Buildings
<b>Tables</b>	11.15, 11.16

**TABLE 11.15 PRIVATE BUILDING ACTIVITIES IN YANGON**  
Years 2005, 2010, 2015-2019, absolute values

Type of Building	2005		2010		2015		2016	
	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	4882	100	2589	60
Application Approved	4080	219	2135	39	4882	100	2589	60
Completed Construction	1198	13	737	-	1974	-	-	3291
Masonry Application Submitted	2277	67	1730	32	4032	65	2369	35
Masonry Application Approved	2185	131	1833	31	4032	65	2369	35
Masonry Completed Construction	1095	13	737	-	1974	-	-	3291
Semi-Pucca Application Submitted	-	-	-	-	-	-	-	-
Semi-Pucca Application Approved	-	-	-	-	-	-	-	-
Semi-Pucca Completed Construction	-	-	-	-	-	-	-	-
Brick-Nogging Application Submitted	988	74	204	8	590	35	90	25
Brick-Nogging Application Approved	922	88	204	8	590	35	90	25
Brick-Nogging Completed Construction	60	-	-	-	-	-	-	-
Wooden Application Submitted	931	-	10	-	10	-	5	-
Wooden Application Approved	909	-	10	-	10	-	5	-
Wooden Completed Construction	-	-	-	-	-	-	-	-
Others Application Submitted	73	-	88	-	250	-	125	-
Others Application Approved	64	-	88	-	250	-	125	-
Others Completed Construction	43	-	-	-	-	-	-	-

**TABLE 11.15 PRIVATE BUILDING ACTIVITIES IN YANGON (concl'd)**  
Years 2005, 2010, 2015-2019, absolute values

Type of Building	2017		2018		2019	
	New Building	Extension/Repair	New Building	Extension/Repair	New Building	Extension/Repair
<b>Total Number of</b>						
Application Submitted	3915	169	4175	27	4611	2
Application Approved	3915	169	4175	27	4611	2
Completed Construction	2419	-	-	-	2181	-
Masonry						
Application Submitted	3237	169	3160	27	3198	2
Application Approved	3237	169	3160	27	3198	2
Completed Construction	2419	-	-	-	2181	-
Semi-Pucca						
Application Submitted	-	-	-	-	-	-
Application Approved	-	-	-	-	-	-
Completed Construction	-	-	-	-	-	-
Brick-Nogging						
Application Submitted	21	-	7	-	30	-
Application Approved	21	-	7	-	30	-
Completed Construction	-	-	-	-	-	-
Wooden						
Application Submitted	-	-	4	-	3	-
Application Approved	-	-	4	-	3	-
Completed Construction	-	-	-	-	-	-
Others						
Application Submitted	657	-	1004	-	1380	-
Application Approved	657	-	1004	-	1380	-
Completed Construction	-	-	-	-	-	-

Source : Yangon City Development Committee.

**TABLE 11.16 PRIVATE BUILDING ACTIVITIES IN MANDALAY**  
Years 2015-2019, absolute values

Type of Building	2015		2016		2017	
	New Building	Extension/Repair	New Building	Extension/Repair	New Building	Extension/Repair
<b>Total Number of</b>						
Application Submitted	2637	84	3325	150	3033	143
Application Approved	2590	93	3230	122	3191	163
Completed Construction	2590	93	3230	122	3191	163
Masonry						
Application Submitted	2475	84	3214	150	2922	143
Application Approved	2429	93	3123	122	3083	163
Completed Construction	2429	93	3123	122	3083	163
Semi-Pucca						
Application Submitted	-	-	-	-	-	-
Application Approved	-	-	-	-	-	-
Completed Construction	-	-	-	-	-	-
Brick-Nogging						
Application Submitted	162	-	111	-	111	-
Application Approved	161	-	107	-	108	-
Completed Construction	161	-	107	-	108	-
Wooden						
Application Submitted	-	-	-	-	-	-
Application Approved	-	-	-	-	-	-
Completed Construction	-	-	-	-	-	-
Others						
Application Submitted	-	-	-	-	-	-
Application Approved	-	-	-	-	-	-
Completed Construction	-	-	-	-	-	-

**TABLE 11.16 PRIVATE BUILDING ACTIVITIES IN MANDALAY (concl'd)**  
Years 2015-2019, absolute values

Type of Building		2018		2019	
		New Building	Extension/Repair	New Building	Extension/Repair
Total Number of	Application Submitted	3302	240	3016	121
	Application Approved	3374	226	3008	138
	Completed Construction	3374	226	3008	138
Masonry	Application Submitted	3208	240	2961	121
	Application Approved	3272	226	2965	138
	Completed Construction	3272	226	2965	138
Semi-Pucca	Application Submitted	-	-	-	-
	Application Approved	-	-	-	-
	Completed Construction	-	-	-	-
Brick-Nogging	Application Submitted	94	-	55	-
	Application Approved	102	-	43	-
	Completed Construction	102	-	43	-
Wooden	Application Submitted	-	-	-	-
	Application Approved	-	-	-	-
	Completed Construction	-	-	-	-
Others	Application Submitted	-	-	-	-
	Application Approved	-	-	-	-
	Completed Construction	-	-	-	-

Source : Mandalay City Development Committee.

#### METHODOLOGY SHEET| Bridges in Myanmar

<b>Responsible Unit (Service or Structure)</b>	Department of Bridge, Progress of Border Areas and National Races Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Number of Bridges
<b>Classification Variables</b>	Under 50 ft, 50 ft and under 100 ft, 100 ft and under 180 ft, 180 ft and above
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Bridges
<b>Table</b>	11.17

**TABLE 11.17 NUMBER OF BRIDGES BY STATES AND REGIONS**  
Years 2015/2016-2018/2019, absolute values

States and Regions	2015-2016	2016-2017	2017-2018	2018 (Up to Sep)	2018-2019
<b>Union</b>					
Number of Bridges	63393	66952	69490 (r)	70644	72393
1. Under 50 ft	59895	63274	65760 (r)	66887	68405
2. 50 ft and under 100 ft	1934	2031	2032	2045	2234
3. 100 ft and under 180 ft	799	846	843	840	861
4. 180 ft and above	765	801	855	872	893
<b>Kachin State</b>					
Number of Bridges	5632	6353	6678	6761	6755
1. Under 50 ft	5232	5944	6250	6331	6333
2. 50 ft and under 100 ft	196	200	218	221	216
3. 100 ft and under 180 ft	111	113	113	112	107
4. 180 ft and above	93	96	97	97	99
<b>Kayah State</b>					
Number of Bridges	1085	1281	1307	1422	1460
1. Under 50 ft	1059	1252	1277	1394	1426
2. 50 ft and under 100 ft	13	15	16	14	20
3. 100 ft and under 180 ft	2	1	1	1	1
4. 180 ft and above	11	13	13	13	13
<b>Kayin State</b>					
Number of Bridges	2656	2952	3003 (r)	3055	3063
1. Under 50 ft	2451	2680	2789 (r)	2852	2855
2. 50 ft and under 100 ft	144	184	135	128	131
3. 100 ft and under 180 ft	38	60	43	38	41
4. 180 ft and above	23	28	36	37	36
<b>Chin State</b>					
Number of Bridges	2114	2618	3356	3744	4076
1. Under 50 ft	2092	2587	3323	3712	4040
2. 50 ft and under 100 ft	9	16	17	17	18
3. 100 ft and under 180 ft	2	2	3	2	2
4. 180 ft and above	11	13	13	13	16

**TABLE 11.17 NUMBER OF BRIDGES BY STATES AND REGIONS (cont'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	2015-2016	2016-2017	2017-2018	2018 (Up to Sep)	2018-2019
<b>Sagaing Region</b>					
Number of Bridges	<b>6485</b>	<b>7177</b>	<b>7514</b>	<b>7720</b>	<b>7877</b>
1. Under 50 ft	6037	6682	7015	7205	7363
2. 50 ft and under 100 ft	270	308	302	307	305
3. 100 ft and under 180 ft	97	97	89	94	96
4. 180 ft and above	81	90	108	114	113
<b>Taninthayi Region</b>					
Number of Bridges	<b>3235</b>	<b>3321</b>	<b>3450 (r)</b>	<b>3499</b>	<b>3597</b>
1. Under 50 ft	3086	3173	3291	3334	3428
2. 50 ft and under 100 ft	99	95	101	105	107
3. 100 ft and under 180 ft	26	27	36	36	38
4. 180 ft and above	24	26	22	24	24
<b>Bago Region</b>					
Number of Bridges	<b>3133</b>	<b>3220</b>	<b>3541</b>	<b>3527</b>	<b>3601</b>
1. Under 50 ft	2840	2926	3214	3202	3271
2. 50 ft and under 100 ft	166	167	190	189	192
3. 100 ft and under 180 ft	65	63	63	60	62
4. 180 ft and above	62	64	74	76	76
<b>Magway Region</b>					
Number of Bridges	<b>5177</b>	<b>5357</b>	<b>5452</b>	<b>5518</b>	<b>5554</b>
1. Under 50 ft	4922	5075	5169	5232	5263
2. 50 ft and under 100 ft	116	132	129	130	132
3. 100 ft and under 180 ft	53	61	61	62	60
4. 180 ft and above	86	89	93	94	99
<b>Mandalay Region</b>					
Number of Bridges	<b>4932</b>	<b>5085</b>	<b>5135</b>	<b>5135</b>	<b>5197</b>
1. Under 50 ft	4632	4785	4823	4823	4765
2. 50 ft and under 100 ft	158	156	164	164	281
3. 100 ft and under 180 ft	87	84	86	86	88
4. 180 ft and above	55	60	62	62	63

**TABLE 11.17 NUMBER OF BRIDGES BY STATES AND REGIONS (concl'd)**  
Years 2015/2016-2018/2019, absolute values

States and Regions	2015-2016	2016-2017	2017-2018	2018 (Up to Sep)	2018-2019
<b>Mon State</b>					
Number of Bridges	<b>2206</b>	<b>2249</b>	<b>2493</b>	<b>2495</b>	<b>2531</b>
1. Under 50 ft	2080	2118	2340	2344	2358
2. 50 ft and under 100 ft	75	79	90	88	110
3. 100 ft and under 180 ft	36	37	42	42	42
4. 180 ft and above	15	15	21	21	21
<b>Rakhine State</b>					
Number of Bridges	<b>4916</b>	<b>5004</b>	<b>5145</b>	<b>5175</b>	<b>5431</b>
1. Under 50 ft	4591	4661	4803	4833	5071
2. 50 ft and under 100 ft	181	182	182	182	197
3. 100 ft and under 180 ft	81	96	92	91	92
4. 180 ft and above	63	65	68	69	71
<b>Yangon Region</b>					
Number of Bridges	<b>1309</b>	<b>1312</b>	<b>1317</b>	<b>1313</b>	<b>1295</b>
1. Under 50 ft	1159	1160	1167	1163	1145
2. 50 ft and under 100 ft	76	77	76	76	77
3. 100 ft and under 180 ft	27	27	27	27	26
4. 180 ft and above	47	48	47	47	47
<b>Shan State</b>					
Number of Bridges	<b>17252</b>	<b>17403</b>	<b>17566 (r)</b>	<b>17705</b>	<b>18198</b>
1. Under 50 ft	16872	17038	17201 (r)	17328	17793
2. 50 ft and under 100 ft	250	236	228	237	254
3. 100 ft and under 180 ft	70	70	78	79	89
4. 180 ft and above	60	59	59	61	62
<b>Ayeyawaddy Region</b>					
Number of Bridges	<b>2512</b>	<b>2633</b>	<b>2658</b>	<b>2700</b>	<b>2763</b>
1. Under 50 ft	2120	2232	2250	2286	2332
2. 50 ft and under 100 ft	168	172	172	175	180
3. 100 ft and under 180 ft	98	102	102	103	107
4. 180 ft and above	126	127	134	136	144
<b>Nay Pyi Taw</b>					
Number of Bridges	<b>749</b>	<b>987</b>	<b>875</b>	<b>875</b>	<b>995</b>
1. Under 50 ft	722	961	848	848	962
2. 50 ft and under 100 ft	13	12	12	12	14
3. 100 ft and under 180 ft	6	6	7	7	10
4. 180 ft and above	8	8	8	8	9

Sources : 1. Progress of Border Areas and National Races Department.  
2. Department of Bridge.

## MYANMAR MICRO, SMALL AND MEDIUM ENTERPRISES SURVEY

### METHODOLOGY SHEET | Myanmar Micro, Small and Medium Enterprises Survey (2019)

<b>Responsible Unit (Service or Structure)</b>	Central Statistical Organization
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Enterprises, Capital, Labour, Revenue and Value added
<b>Classification Variables</b>	Sector, Size, State and Region
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Once in Two Years
<b>Units</b>	Enterprises
<b>Tables</b>	11.18, 11.19, 11.20,11.21

**TABLE 11.18 FORMAL AND INFORMAL FIRMS IN MANUFACTURING SECTOR BY STATES AND REGIONS**  
Years 2017 and 2019, absolute values

States & Regions	2017			2019		
	Formal		Informal	Formal		Informal
	Manufacturing Firms (Excluded Rice Mills)	Rice Mills		Manufacturing Firms (Excluded Rice Mills)	Rice Mills	
<b>Union</b>	<b>51,443</b>	<b>19,783</b>	<b>381</b>	<b>49,842</b>	<b>20,311</b>	<b>305</b>
Kachin State	1,300	954	18	1,531	947	11
Kayah State	691	175	4	687	180	4
Kayin State	549	217	12	642	227	9
Chin State	149	565	1	123	722	3
Sagaing Region	5,411	2,212	46	6,797	2,476	45
Tanintharyi Region	1,373	816	22	1,238	72	23
Bago Region	3,900	3,121	11	6,344	3,303	14
Magway Region	2,927	749	29	2,504	1,305	19
Mandalay Region	10,491	788	64	10,092	584	53
Mon State	2,466	882	25	3,244	1,125	23
Rakhine State	907	1,978	23	1,661	2,270	26
Yangon Region	13,007	1,104	51	8,478	2,021	27
Shan State	3,508	1,346	12	2,961	1,196	16
Ayeyarwady Region	3,697	4,547	44	3,038	3,625	32
Nay Pyi Taw	1,067	329	19	502	258	-

Source : Myanmar Micro, Small and Medium Enterprises Survey (2019).



**TABLE 11.19 CAPITAL, CAPITAL-LABOUR RATIO AND GROWTH IN CAPITAL-LABOUR RATIO BY INDUSTRY AND FIRM SIZE**

Year 2019, Million Kyats and percentage

	Capital (Million Kyats)		Capital per full time employee (Million Kyats)		Gross growth in capital per full time employee ( 2017-2019 )	
	Mean	Median	Mean	Median	Mean (All)	Median (All)
<b>Total</b>	<b>246.1</b>	<b>80.8</b>	<b>44.2</b>	<b>16.3</b>	<b>3.7</b>	<b>1.3</b>
<b>Industries</b>						
Rice mill	301.2	106.9	65.6	26.6	3.2	1.5
Food, beverages and tobacco	309.0	108.5	46.1	18.4	3.9	1.2
Textiles, apparel and leather	147.2	43.4	14.9	6.7	3.7	1.3
Wood, paper and printing	205.0	67.2	47.9	19.2	4.1	1.3
Coke, chemicals, rubber and minerals	195.1	67.4	29.7	13.3	6.2	1.4
Metal	120.9	37.7	27.6	10.1	2.8	1.1
Elect. eqpt, machinery and motor vehicles	144.2	53.2	28.9	16.3	2.9	1.4
Furniture and other manufacturing	134.7	49.2	22.0	13.5	3.0	1.1
<b>Firm size</b>						
Micro	146.9	55.1	50.2	19.2	3.5	1.4
Small	378.2	159.7	29.7	11.7	4.3	1.1
Medium+	1087.0	1027.8	26.8	8.6	5.1	1.1

Note : Weighted estimates. Weights in the balanced panel used in this report are generated from the population of manufacturing firms in 2019. These are different from the weights used in the CSO and UNU-WIDER (2018). Constant 2018 prices. 98% Winsorization applied to capital and labour cost variables. Additionally, a 90% Winsorization has been applied to gross change estimates. Gross growth is calculated as capital per full time employee in 2019 divided by capital per full time employee in 2017.

Source : Myanmar Micro, Small and Medium Enterprises Survey (2019).

**TABLE 11.20 REVENUE BY INDUSTRY AND FIRM SIZE**  
Year 2018, Million Kyats and percentage

	Revenue (Million Kyats)		Gross growth in revenue (2017-2019)	
	Mean	Median	Mean	Median
<b>Total</b>	<b>430.0</b>	<b>65.1</b>	<b>3.6</b>	<b>1.5</b>
<b>Industries</b>				
Rice mill	951.9	195.7	6.0	3.1
Food, beverages and tobacco	335.9	69.3	2.8	1.3
Textiles, apparel and leather	266.2	81.2	2.6	1.4
Wood, paper and printing	155.9	35.9	2.7	1.2
Coke, chemicals, rubber and minerals	176.8	38.3	2.5	1.2
Metal	96.0	29.5	2.5	1.1
Elect. eqpt, machinery and motor vehicles	147.6	27.2	1.9	1.1
Furniture and other manufacturing	99.0	33.7	3.5	1.9
<b>Firm size</b>				
Micro	265.7	39.1	4.0	1.6
Small	613.9	217.0	2.5	1.2
Medium+	2009.7	930.1	2.4	1.2

Notes : Weighted estimates. Weights in the balanced panel used in this report are generated from the population of manufacturing firms in 2019. These are different from the weights used in the CSO and UNU-WIDER (2018). Numbers in million Kyats, constant 2018 prices. 98% Winsorization applied to revenues variable. Additionally, a 90% Winsorization has been applied to gross change estimates. Gross growth is calculated as real revenue in 2019 divided by real revenue in 2017.

Source : Myanmar Micro, Small and Medium Enterprises Survey (2019).

**TABLE 11.21 VALUE ADDED BY INDUSTRY AND FIRM SIZE**  
Year 2018, Million Kyats and percentage

	Value Added (Million Kyats)		Gross growth in value added (2017-2019)	
	Mean	Median	Mean	Median
<b>Total</b>	<b>120.0</b>	<b>18.1</b>	<b>3.8</b>	<b>1.4</b>
<b>Industries</b>				
Rice mill	257.7	27.5	6.3	2.1
Food, beverages and tobacco	96.5	20.6	3.1	1.3
Textiles, apparel and leather	75.4	16.7	2.6	1.2
Wood, paper and printing	41.9	13.5	2.7	1.1
Coke, chemicals, rubber and minerals	59.0	17.7	2.4	1.2
Metal	24.1	12.7	2.2	1.0
Elect. eqpt, machinery and motor vehicles	41.2	10.1	2.1	1.0
Furniture and other manufacturing	40.3	14.3	4.9	2.0
<b>Firm size</b>				
Micro	71.9	12.2	4.2	1.5
Small	189.5	49.9	2.8	1.1
Medium+	497.4	291.5	3.6	1.1

Note : Weighted estimates. Numbers in million Kyats, constant 2018 prices. 98% Winsorization applied value added. Additionally, a 90% Winsorization has been applied to gross change estimates. Gross growth is calculated as the value added in 2019 divided by value added in 2017.

Source : Myanmar Micro, Small and Medium Enterprises Survey (2019).

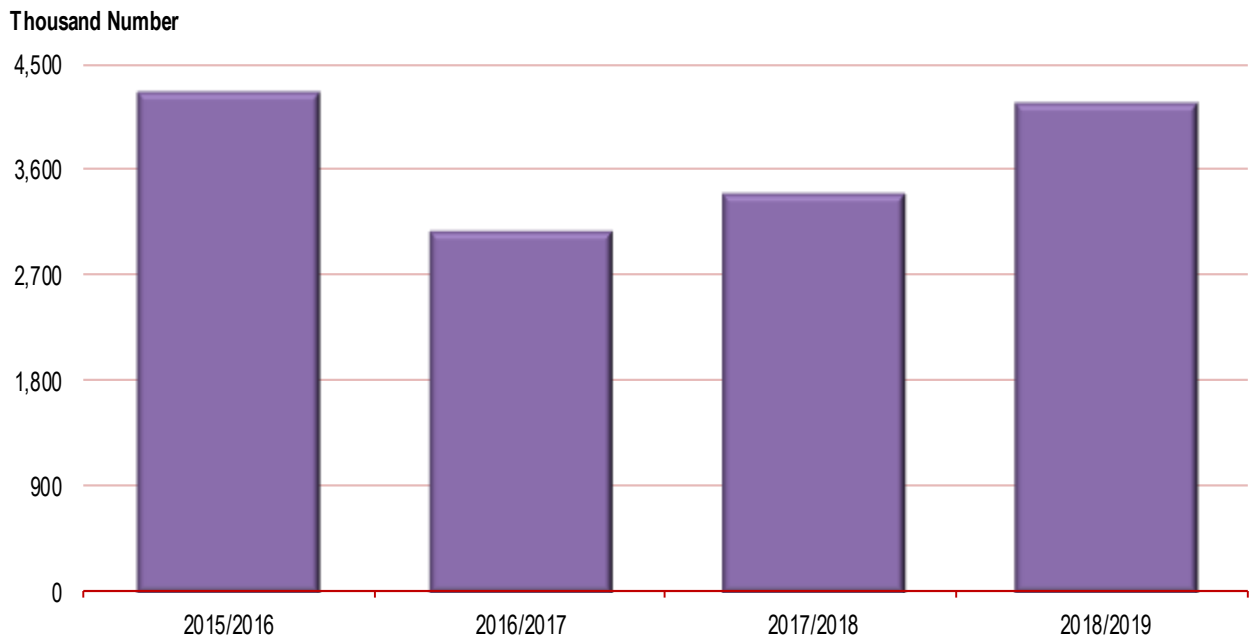


# 12

## Tourism

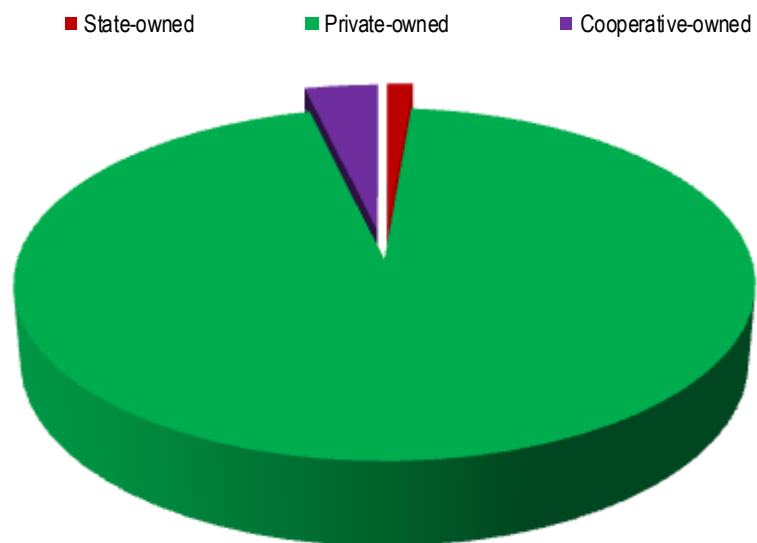
The number of tourists visiting Myanmar increased from **3,079,275** in 2016-2017, **3,416,305** in 2017-2018, and now **4,172,714** in 2018-2019. | The **top five main nationalities** who arrived at Yangon, Mandalay and Nay Pyi Taw international airports were **Chinese, French, American, Taiwanese** and **Malaysian** and their contribution to the total international tourist arrivals were **60.98%, 4.61%, 4.18%, 3.40%** and **3.34%** in 2018-2019.

**FIGURE 12.1** INTERNATIONAL TOURIST ARRIVALS



Source : Ministry of Hotels and Tourism

**FIGURE 12.2** PERCENTAGE DISTRIBUTION OF HOTELS, MOTELS & INNS/GUEST HOUSES BY TYPE OF OWNERSHIP, 2018/2019



Source : Directorate of Hotels and Tourism, and Cooperative Department

## TOURISM

### METHODOLOGY SHEET | International Tourism

<b>Responsible Unit (Service or Structure)</b>	Ministry of Hotels and Tourism and Department of Immigration
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Number of international tourists arrivals by air, by sea, by land and tourist arrivals at Yangon, Mandalay and Nay Pyi Taw International Airports
<b>Classification Variables</b>	Numbers of tourists arrivals and nationalities
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Tourist Arrivals
<b>Tables</b>	12.01,12.02

**TABLE 12.01 INTERNATIONAL TOURIST ARRIVALS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Year	Total	By Air	By Sea	By Land
2005-2006	653549	233453	162130	257966
2010-2011	792738	334278	125223	333237
2015-2016	4279059	1222417	318369	2738273
2016-2017	3079275	1254536	350256	1474483
2017-2018	3416305	1308305	363141	1744859
2018 (Apr-Sep)	1594531	546830	164786	882915
2018-2019	4172714	1667623	343320	2161771

Note : Started from 2013-2014, grand total of visitors arrival were also included, who entered border gates special regions and economic zones. From 2016, overseas visitors at border gates are only collected from Department of Immigration. In the past, they were collected from not only Department of Immigration but also ethnic groups from special administrative region.

Source : Ministry of Hotels and Tourism.

**TABLE 12.02 TOURIST ARRIVALS AT YANGON, MANDALAY AND NAY PYI TAW INTERNATIONAL AIRPORTS**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Nationality		2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Total	Male	139678	120568	249697	285534	278182	103259	356594
	Female							
American	Male	8567	5024	18668	20866	18233	5390	16261
	Female							
Austrian	Male	2549	2383	8105	10287	9350	2495	7454
	Female							
Bangladeshi	Male	573	821	1468	2138	911	289	762
	Female							
Belgium	Male	2323	1228	2777	2993	2864	650	2291
	Female							
British	Male	4710	3156	14159	17138	14447	3284	10341
	Female							
Canadian	Male	2001	1073	4161	5545	4099	1013	3347
	Female							
Chinese	Male	6161	18986	29036	46175	59719	33517	205132
	Female							
French	Male	1849	6783	17643	22563	19424	3358	16001
	Female							
German	Male	12809	5315	13279	15536	13264	2059	10839
	Female							
Indian	Male	12010	2097	5270	7286	8111	3932	9946
	Female							
Indonesian	Male	2058	1222	43	34	92	61	47
	Female							
Israeli	Male	1303	548	1044	1576	1313	366	1081
	Female							
Italian	Male	8023	3732	6279	7225	6932	1727	7391
	Female							
Japanese	Male	12651	6373	25527	29600	30268	13104	758
	Female							
Korean	Male	7755	8189	22408	20893	23401	9136	402
	Female							
Malaysian	Male	4761	7865	11473	13406	13058	6015	14108
	Female							
Pakistani	Male	348	318	401	574	345	61	153
	Female							
Russian	Male	656	1137	1234	1746	1766	371	1758
	Female							
Swiss	Male	3631	2155	4970	5655	4745	635	2515
	Female							
Thai	Male	17699	19637	14578	713	529	212	581
	Female							
Taiwanese	Male	9054	4740	9406	11066	11370	5541	13751
	Female							
Other <sup>1</sup>	Male	18187	17786	37768	42519	33941	10043	31675
	Female							

- Notes : 1. <sup>1</sup> Includes Hong Kong, Denmark, Nepal, Mexican, Netherlands, New Zealand, Philippines, Singaporean, Spanish, Swedish, etc.
2. Tourist arrivals with tourist visa only at Yangon, Mandalay and Nay Pyi Taw international airports by nationality.

Source : Department of Immigration.



METHODOLOGY SHEET | **Licensed Tour Guides**

<b>Responsible Unit (Service or Structure)</b>	Directorate of Hotels and Tourism
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Licensed tour guides of each language
<b>Classification Variables</b>	Language
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Licensed Tour Guides
<b>Tables</b>	12.03

**TABLE 12.03 LICENSED TOUR GUIDES**  
Years 2005, 2010, 2015-2019, absolute values

Language		2005	2010	2015	2016	2017	2018	2019
TOTAL	Male	1646	1914	2683	3476	3977	4395	4761
	Female	2433	2163	2947	3473	3843	3823	4271
	Total	4079	4077	5630	6949	7820	8218	9032
English	Male	1131	1348	1185	1320	1476	1647	1785
	Female	1530	1241	1164	1254	1338	1133	1235
	Total	2661	2589	2349	2574	2814	2780	3020
Spanish	Male	30	50	47	48	48	43	44
	Female	42	60	59	59	58	51	53
	Total	72	110	106	107	106	94	97
Japanese	Male	209	179	121	139	139	136	141
	Female	349	305	231	195	203	208	227
	Total	558	484	352	334	342	344	368
French	Male	59	92	87	92	97	99	102
	Female	161	188	191	187	198	223	244
	Total	220	280	278	279	295	322	346
Chinese	Male	83	73	50	42	53	57	92
	Female	125	98	73	82	93	96	133
	Total	208	171	123	124	146	153	225
Thai	Male	53	49	66	72	89	95	112
	Female	57	59	84	93	117	125	150
	Total	110	108	150	165	206	220	262
German	Male	51	80	83	72	74	80	85
	Female	130	155	178	188	197	209	217
	Total	181	235	261	260	271	289	302
Russian	Male	7	12	24	28	30	32	36
	Female	15	24	42	42	48	45	51
	Total	22	36	66	70	78	77	87
Italian	Male	19	24	24	31	34	40	40
	Female	16	20	40	35	33	40	44
	Total	35	44	64	66	67	80	84
Korean	Male	4	7	7	15	21	18	24
	Female	8	13	19	16	25	30	40
	Total	12	20	26	31	46	48	64
Regional Guide	Male	-	-	989	1617	1916	2148	2300
	Female	-	-	866	1322	1533	1663	1877
	Total	-	-	1855	2939	3449	3811	4177

Note : Tour Guide License has been issued since 1992.

Source : Directorate of Hotels and Tourism.

METHODOLOGY SHEET | **Hotels, Motels and Inns/Guest Houses**

<b>Responsible Unit (Service or Structure)</b>	Directorate of Hotels and Tourism and Cooperative Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Hotels, Motels, Inns/Guest Houses, Rooms and Beds
<b>Classification Variables</b>	Type of ownership
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Hotels, Motels and Inns/Guest Houses
<b>Tables</b>	12.04

**TABLE 12.04 HOTELS, MOTELS AND INNS/GUEST HOUSES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	2005-2006			2010-2011			2015-2016		
	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
<b>Total</b>	<b>653</b>	<b>19977</b>	<b>39644</b>	<b>768</b>	<b>24914</b>	<b>49534</b>	<b>1398</b>	<b>53024</b>	<b>105532</b>
<b>State-owned</b>	<b>32</b>	<b>1566</b>	<b>3132</b>	<b>39</b>	<b>2204</b>	<b>4408</b>	<b>26</b>	<b>1486</b>	<b>2972</b>
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	523	1046
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
Ayeyawady Region	9	490	980	3	139	278	2	145	290
Taninthayi Region	3	121	242	1	42	84	1	54	108
<b>Private-owned</b>	<b>574</b>	<b>17600</b>	<b>35200</b>	<b>666</b>	<b>21653</b>	<b>43306</b>	<b>1309</b>	<b>50594</b>	<b>101188</b>
Kachin State	14	385	770	17	459	918	26	733	1466
Kayah State	1	24	48	3	44	88	9	201	402
Kayin State	3	60	120	7	172	344	19	652	1304
Sagaing Region	7	122	244	9	153	306	23	800	1600
Taninthayi Region	6	397	794	9	492	984	29	1277	2554
Bago Region	29	415	830	31	620	1240	52	1262	2524
Magway Region	7	101	202	10	154	308	28	633	1266
Mandalay Region	173	4900	9800	198	6801	13602	388	16206	32412
Mon State	12	191	382	17	357	714	43	1383	2766
Rakhine State	14	382	764	22	597	1194	43	1308	2616
Yangon Region	161	6634	13268	178	7245	14490	331	15745	31490
Shan State	112	2790	5580	127	3166	6332	255	8070	16140
Ayeyawady Region	35	1199	2398	38	1393	2786	59	2225	4450
Chin State	-	-	-	-	-	-	4	99	198
<b>Cooperative-owned</b>	<b>47</b>	<b>811</b>	<b>1312</b>	<b>63</b>	<b>1057</b>	<b>1820</b>	<b>63</b>	<b>944</b>	<b>1372</b>
Kachin State	-	-	-	-	-	-	2	28	40
Kayah State	-	-	-	-	-	-	1	13	30
Kayin State	-	-	-	3	13	70	1	21	42
Chin State	-	-	-	-	-	-	3	7	11
Sagaing Region	3	49	86	5	68	136	3	45	60
Taninthayi Region	-	-	-	-	-	-	5	68	69
Bago Region	5	50	60	5	82	124	4	61	58
Magway Region	3	33	46	4	43	58	4	48	75
Mandalay Region	8	278	518	9	304	574	7	104	200
Mon State	-	-	-	-	-	-	1	15	30
Rakhine State	-	-	-	2	35	70	1	13	40
Yangon Region	18	281	424	5	69	108	3	62	90
Shan State	-	-	-	19	307	470	18	277	400
Ayeyawady Region	10	120	178	11	136	210	8	112	125
Nay Pyi Taw	-	-	-	-	-	-	2	70	102

**TABLE 12.04 HOTELS, MOTELS AND INNS/GUEST HOUSES (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	2016-2017			2017-2018		
	No. of hotels, motels and inns	No. of rooms	No. of beds	No. of hotels, motels and inns	No. of rooms	No. of beds
<b>Total</b>	<b>1557</b>	<b>59476</b>	<b>118269</b>	<b>1701</b>	<b>66692</b>	<b>133118</b>
<b>State-owned</b>	<b>26</b>	<b>1479</b>	<b>2958</b>	<b>26</b>	<b>1742</b>	<b>3484</b>
Sagaing Region	-	-	-	-	-	-
Bago Region	1	18	36	1	18	36
Mandalay Region	10	523	1046	10	557	1114
Mon State	1	149	298	1	149	298
Rakhine State	1	24	48	1	33	66
Yangon Region	6	363	726	6	487	974
Shan State	4	210	420	4	210	420
Ayeyawady Region	2	138	276	2	234	468
Taninthayi Region	1	54	108	1	54	108
<b>Private-owned</b>	<b>1453</b>	<b>56770</b>	<b>113540</b>	<b>1602</b>	<b>63728</b>	<b>127456</b>
Kachin State	27	751	1502	30	919	1838
Kayah State	15	313	626	19	416	832
Kayin State	20	720	1440	25	913	1826
Sagaing Region	27	1098	2196	35	1350	2700
Taninthayi Region	35	1397	2794	38	1471	2942
Bago Region	57	1402	2804	69	1737	3474
Magway Region	30	739	1478	38	903	1806
Mandalay Region	416	17261	34522	441	19001	38002
Mon State	48	1428	2856	55	1693	3386
Rakhine State	48	1514	3028	61	1880	3760
Yangon Region	357	17837	35674	389	19909	39818
Shan State	301	9551	19102	317	10260	20520
Ayeyawady Region	67	2632	5264	79	3105	6210
Chin State	5	127	254	6	171	342
<b>Cooperative-owned</b>	<b>78</b>	<b>1227</b>	<b>1771</b>	<b>73</b>	<b>1222</b>	<b>2178</b>
Kachin State	5	34	49	3	28	35
Kayar State	2	22	35	2	22	35
Kayin State	1	19	26	1	19	26
Chin State	3	13	27	3	13	27
Sagaing Region	4	45	170	4	45	170
Taninthayi Region	4	68	69	4	68	69
Bago Region	5	160	116	5	160	116
Magway Region	7	39	67	7	39	67
Mandalay Region	9	204	360	11	227	766
Mon State	2	30	50	2	30	50
Rakhine State	1	10	30	1	10	30
Yangon Region	4	63	65	3	62	62
Shan State	20	335	492	19	324	481
Ayeyawady Region	9	115	113	6	105	142
Nay Pyi Taw	2	70	102	2	70	102

**TABLE 12.04 HOTELS, MOTELS AND INNS/GUEST HOUSES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	2005-2006			2010-2011			2015-2016		
	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
<b>Total</b>	<b>653</b>	<b>19977</b>	<b>39644</b>	<b>768</b>	<b>24914</b>	<b>49534</b>	<b>1398</b>	<b>53024</b>	<b>105532</b>
<b>State-owned</b>	<b>32</b>	<b>1566</b>	<b>3132</b>	<b>39</b>	<b>2204</b>	<b>4408</b>	<b>26</b>	<b>1486</b>	<b>2972</b>
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	523	1046
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
Ayeyawady Region	9	490	980	3	139	278	2	145	290
Taninthayi Region	3	121	242	1	42	84	1	54	108
<b>Private-owned</b>	<b>574</b>	<b>17600</b>	<b>35200</b>	<b>666</b>	<b>21653</b>	<b>43306</b>	<b>1309</b>	<b>50594</b>	<b>101188</b>
Kachin State	14	385	770	17	459	918	26	733	1466
Kayah State	1	24	48	3	44	88	9	201	402
Kayin State	3	60	120	7	172	344	19	652	1304
Sagaing Region	7	122	244	9	153	306	23	800	1600
Taninthayi Region	6	397	794	9	492	984	29	1277	2554
Bago Region	29	415	830	31	620	1240	52	1262	2524
Magway Region	7	101	202	10	154	308	28	633	1266
Mandalay Region	173	4900	9800	198	6801	13602	388	16206	32412
Mon State	12	191	382	17	357	714	43	1383	2766
Rakhine State	14	382	764	22	597	1194	43	1308	2616
Yangon Region	161	6634	13268	178	7245	14490	331	15745	31490
Shan State	112	2790	5580	127	3166	6332	255	8070	16140
Ayeyawady Region	35	1199	2398	38	1393	2786	59	2225	4450
Chin State	-	-	-	-	-	-	4	99	198
<b>Cooperative-owned</b>	<b>47</b>	<b>811</b>	<b>1312</b>	<b>63</b>	<b>1057</b>	<b>1820</b>	<b>63</b>	<b>944</b>	<b>1372</b>
Kachin State	-	-	-	-	-	-	2	28	40
Kayah State	-	-	-	-	-	-	1	13	30
Kayin State	-	-	-	3	13	70	1	21	42
Chin State	-	-	-	-	-	-	3	7	11
Sagaing Region	3	49	86	5	68	136	3	45	60
Taninthayi Region	-	-	-	-	-	-	5	68	69
Bago Region	5	50	60	5	82	124	4	61	58
Magway Region	3	33	46	4	43	58	4	48	75
Mandalay Region	8	278	518	9	304	574	7	104	200
Mon State	-	-	-	-	-	-	1	15	30
Rakhine State	-	-	-	2	35	70	1	13	40
Yangon Region	18	281	424	5	69	108	3	62	90
Shan State	-	-	-	19	307	470	18	277	400
Ayeyawady Region	10	120	178	11	136	210	8	112	125
Nay Pyi Taw	-	-	-	-	-	-	2	70	102

**TABLE 12.04 HOTELS, MOTELS AND INNS/GUEST HOUSES (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particulars	2018 (Apr-Sep)			2018-2019		
	No. of hotels, motels and inns	No. of rooms	No. of beds	No. of hotels, motels and inns	No. of rooms	No. of beds
<b>Total</b>	<b>1777</b>	<b>69323</b>	<b>138066</b>	<b>1959</b>	<b>76969</b>	<b>153560</b>
<b>State-owned</b>	<b>26</b>	<b>1745</b>	<b>3490</b>	<b>26</b>	<b>1745</b>	<b>3490</b>
Sagaing Region	-	-	-	-	-	-
Bago Region	1	14	28	1	14	28
Mandalay Region	10	567	1134	10	567	1134
Mon State	1	149	298	1	149	298
Rakhine State	1	33	66	1	33	66
Yangon Region	6	477	954	6	477	954
Shan State	4	210	420	4	210	420
Ayeyawady Region	2	243	486	2	243	486
Taninthayi Region	1	52	104	1	52	104
<b>Private-owned</b>	<b>1678</b>	<b>66422</b>	<b>132844</b>	<b>1860</b>	<b>74011</b>	<b>148022</b>
Kachin State	34	1007	2014	37	1134	2268
Kayah State	23	495	990	29	628	1256
Kayin State	28	995	1990	38	1357	2714
Sagaing Region	36	1372	2744	46	1710	3420
Taninthayi Region	39	1511	3022	41	1562	3124
Bago Region	74	1899	3798	77	1960	3920
Magway Region	38	903	1806	44	1096	2192
Mandalay Region	458	19580	39160	426	15479	30958
Mon State	58	1816	3632	60	2155	4310
Rakhine State	71	2156	4312	85	2626	5252
Yangon Region	398	20670	41340	441	22679	45358
Shan State	330	10609	21218	364	11911	23822
Ayeyawady Region	84	3218	6436	96	3861	7722
Chin State	7	191	382	9	233	466
Nay Pyi Taw	-	-	-	67	5620	11240
<b>Cooperative-owned</b>	<b>73</b>	<b>1156</b>	<b>1732</b>	<b>73</b>	<b>1213</b>	<b>2048</b>
Kachin State	3	51	71	3	51	71
Kayar State	2	17	17	2	17	17
Kayin State	1	21	44	1	21	47
Chin State	3	13	27	3	16	30
Sagaing Region	4	45	170	3	35	62
Taninthayi Region	4	61	78	4	55	91
Bago Region	5	160	116	5	84	118
Magway Region	7	39	67	6	156	360
Mandalay Region	11	157	261	11	225	373
Mon State	2	30	50	2	27	70
Rakhine State	1	20	29	1	20	29
Yangon Region	3	43	77	3	35	71
Shan State	19	324	481	19	304	444
Ayeyawady Region	6	105	142	6	96	149
Nay Pyi Taw	2	70	102	4	71	116

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. Cooperative-owned by Hotels and Motels were established since 1963.

Sources : 1. Directorate of Hotels and Tourism.  
2. Cooperative Department.

METHODOLOGY SHEET | **Enterprises/Business in Tourism Industry**

<b>Responsible Unit (Service or Structure)</b>	Directorate of Hotels and Tourism
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Registered Exporters Limited Companies, Partnership and Joint-Venture Companies Limited
<b>Classification Variables</b>	Registered Enterprises and Business in Tourism Industry
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Enterprises/Business
<b>Tables</b>	12.05

**TABLE 12.05 REGISTERED EXPORTERS LIMITED COMPANIES, PARTNERSHIP AND JOINT-VENTURE COMPANIES LIMITED**

Years 2005, 2010, 2015-2019, absolute values

Enterprises/Business	2005	2010	2015	2016	2017	2018	2019
Tourist Enterprises							
(a) Inbound	678	658	1946	2453	2593	2712	3188
(b) Outbound	-	-	10	410	429	553	724
Tourist Transport Business	442	209	518	2391	2564	-	-
Hotel Business	438	555	993	1073	1175	-	-
Lodging-House Business	168	150	342	406	453	-	-
Tour Guide Business	4157	4189	3775	4010	4371	4407	4855
Regional Guides	-	-	1855	2939	3449	3811	4177

Source : Directorate of Hotels and Tourism.



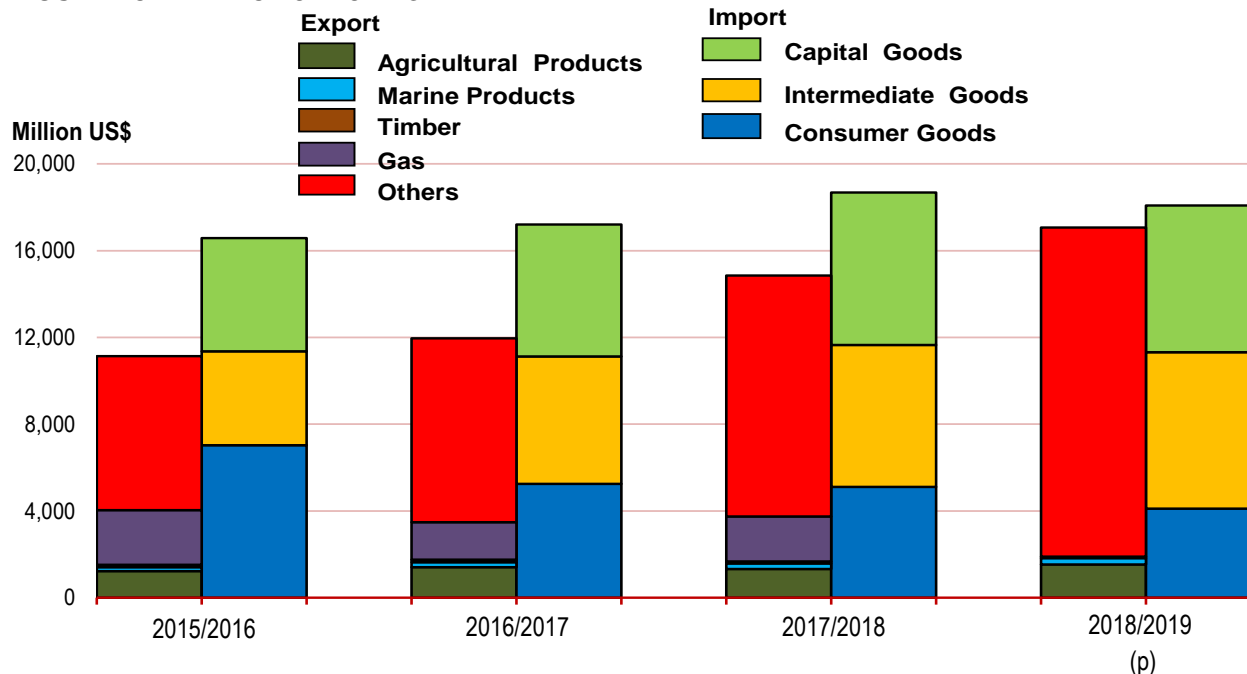


# 13

## Foreign Trade and Investment

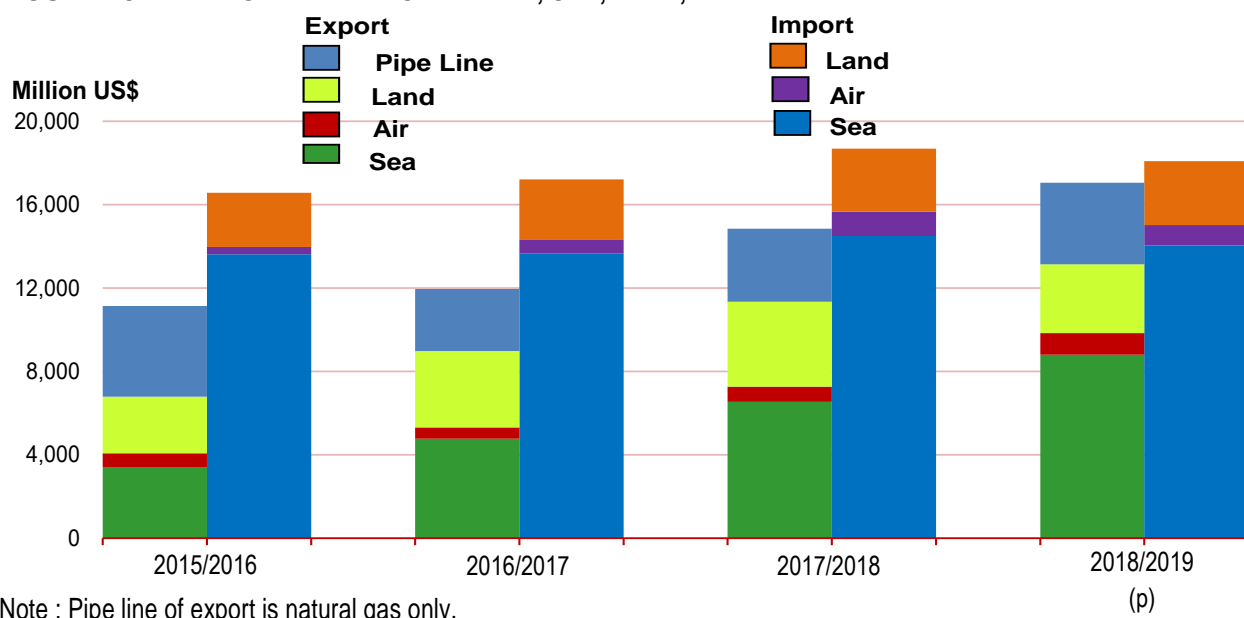
In 2018-2019, the value of **exports** was **17,060.4 Million US\$** and the value of **imports** was **18,086.6 Million US\$**. | The **trade balance** recorded a **deficit** of **1,026.2 Million US\$**. | The main products **exported** in 2018-2019 were garment, base metal, ores and gas. | The main products **imported** were refined mineral oil, machinery non-electric and transport equipment, and base metals and manufactures. | **China** was the main trading **partner** of Myanmar. | The highest **Foreign Direct Investment (FDI)** was during **Singapore** in 2018-2019. | **Transport & Communication** was the main sector of **FDI permitted** enterprises. | **Manufacturing** was the leading sector for **Myanmar Citizen Investment** of permitted enterprises. **Yangon Region** is the most invested region by **Foreign Direct Investment and Myanmar Citizen Investment**. Under **Myanmar Special Economic Zone Law**, the most attractive investment sector was **Manufacturing** sector and **Japan** was the top investor in 2018-2019.

**FIGURE 13.1 VALUE OF FOREIGN TRADE**



Sources : 1. Customs Department.  
 2. Department of Electric Power Planning.  
 3. Myanmar Petroleum Product Enterprise.  
 4. Myanmar National Airlines.  
 5. Myanmar Airways International.

**FIGURE 13.2 EXPORT AND IMPORT BY AIR, SEA, LAND, AND PIPE LINE**

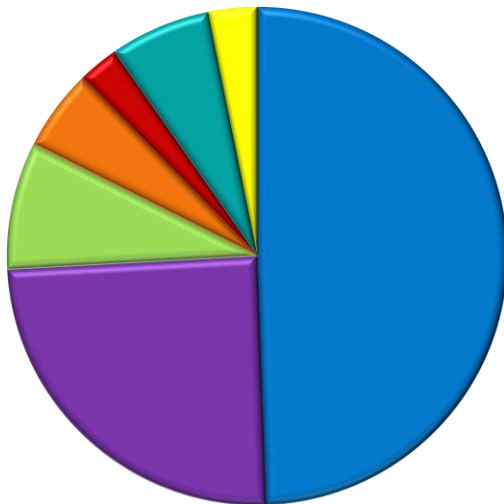


Note : Pipe line of export is natural gas only.

Sources : 1. Customs Department.  
 2. Department of Electric Power Planning.  
 3. Myanmar Petroleum Product Enterprise.  
 4. Myanmar National Airlines.  
 5. Myanmar Airways International.

**FIGURE 13.3 DIRECTION OF EXPORT BY MAJOR COUNTRY/REGION**

■ China, People's Rep. of 1/ ■ Thailand 1/ ■ Japan ■ India 1/ ■ Korea, Rep. of ■ Singapore ■ China, Hong Kong SAR



2017/2018



2018/2019  
(p)

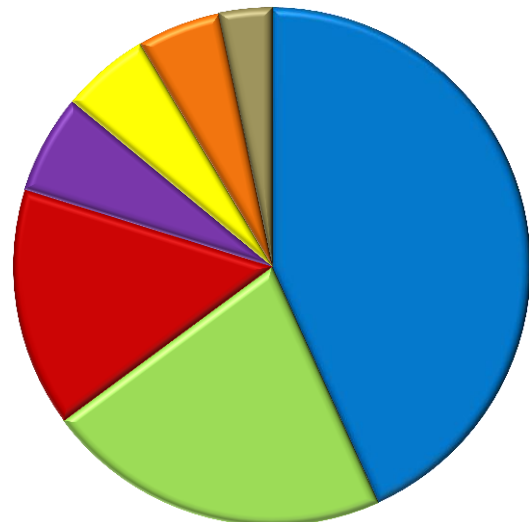
Sources : 1. Customs Department.  
2. Department of Electric Power Planning.  
3. Myanmar Petroleum Product Enterprise.

**FIGURE 13.4 DIRECTION OF IMPORT BY MAJOR COUNTRY/REGION**

■ China, People's Rep. of 1/ ■ Singapore ■ Thailand 1/ ■ Indonesia ■ Malaysia ■ India 1/ ■ Japan



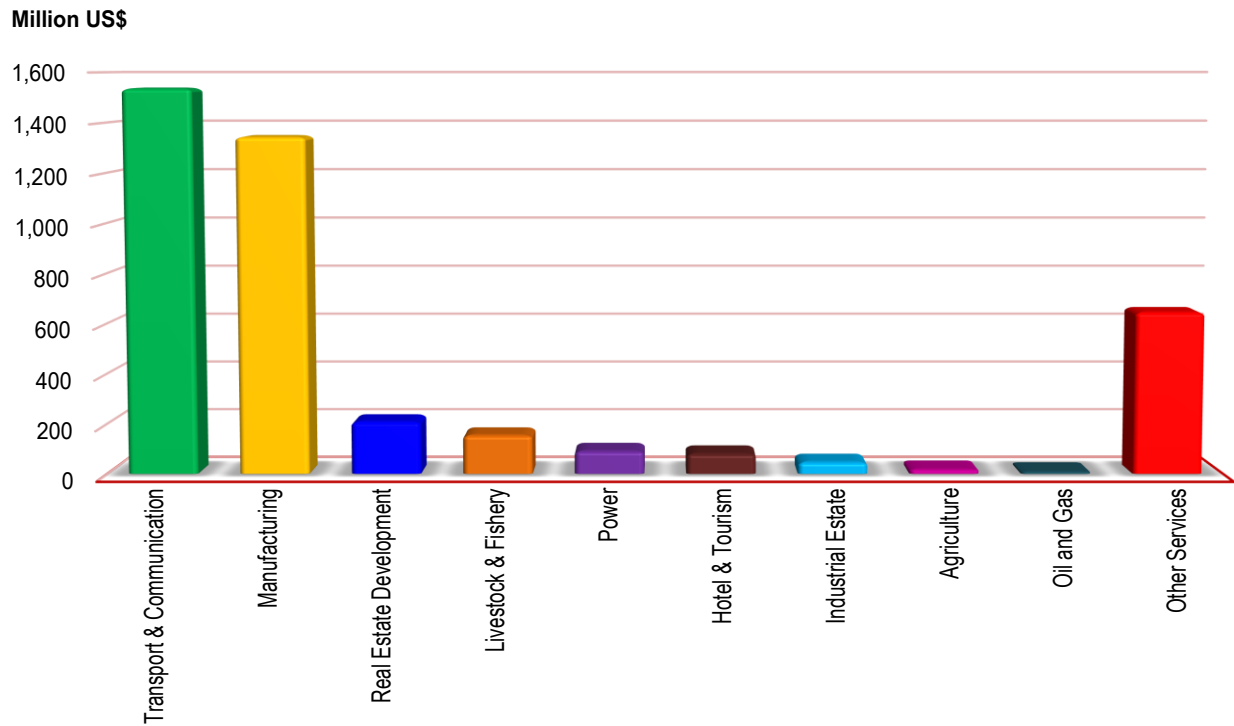
2017/2018



2018/2019  
(p)

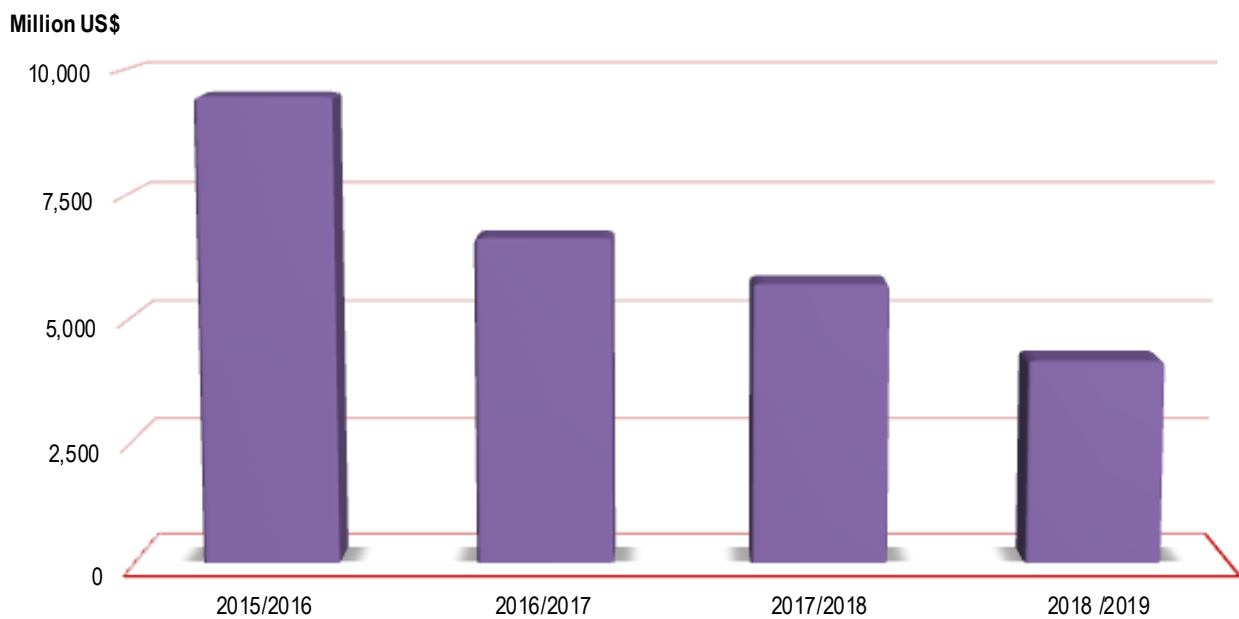
Sources : 1. Customs Department.  
2. Department of Electric Power Planning.  
3. Myanmar National Airlines.  
4. Myanmar Airways International.

**FIGURE 13.5 FOREIGN INVESTMENT BY SECTOR, 2018/2019**



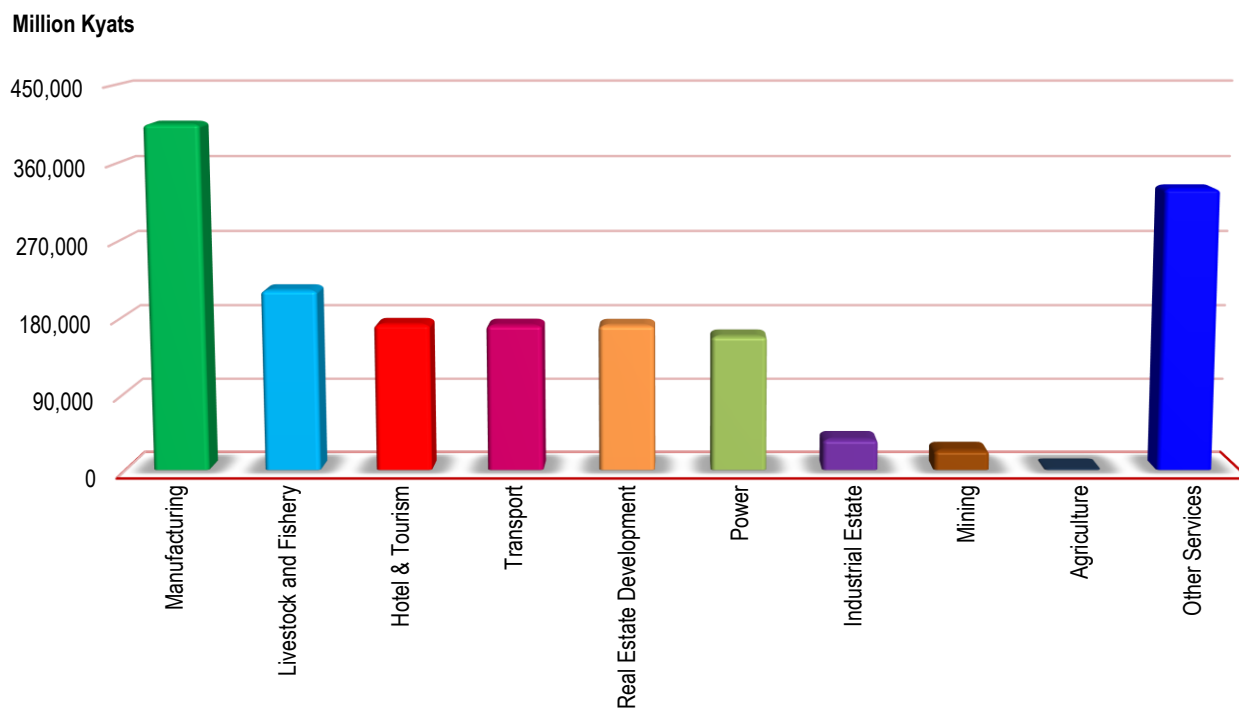
Source : Directorate of Investment and Company Administration

**FIGURE 13.6 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES**



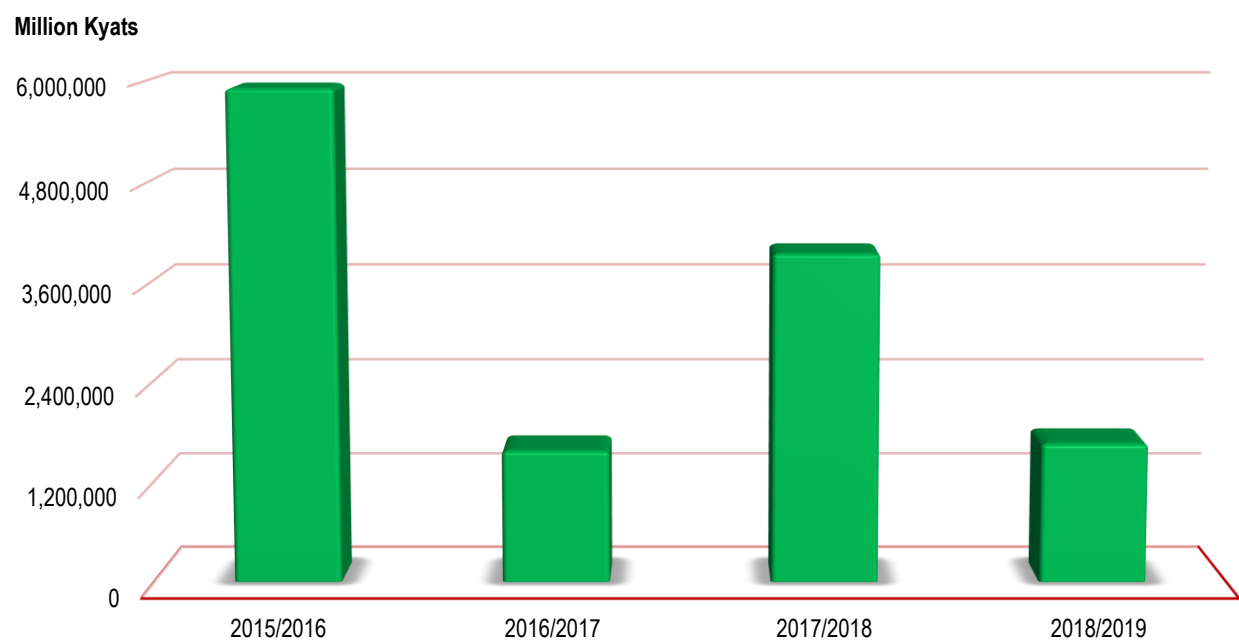
Source : Directorate of Investment and Company Administration

**FIGURE 13.7 MYANMAR CITIZENS INVESTMENT BY SECTOR, 2018/2019**



Source : Directorate of Investment and Company Administration

**FIGURE 13.8 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES**



Source : Directorate of Investment and Company Administration

## FOREIGN TRADE AND INVESTMENT

### METHODOLOGY SHEET | Foreign Trade

<b>Responsible Unit (Service or Structure)</b>	Customs Department, Central Bank of Myanmar, Department of Electric Power Planning, Myanmar Petroleum Product Enterprise, Myanmar National Airlines, Myanmar Airways International
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Export, Import, Balance of Trade, Balance of Payments
<b>Classification Variables</b>	Export and Import by Air, Sea, Land, and Pipe Line, Export by Type of Principal Commodities, Direction of Export by Country/Region, Import of Principal Commodities, Direction of Import by Country/Region, Balance of Payments( Receipts, Payments)
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Weekly, Monthly, Yearly
<b>Units</b>	Exports, Imports
<b>Tables</b>	13.01, 13.02, 13.03, 13.04, 13.05, 13.06, 13.07, 13.08, 13.09, 13.10, 13.11, 13.12, 13.13, 13.14, 13.15

**TABLE 13.01 VALUE OF FOREIGN TRADE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Year	Export	Import	Balance of Trade
2005-2006	3558.0	1984.4	(+) 1573.6
2010-2011	8861.0	6412.7	(+) 2448.3
2015-2016	11136.9	16577.9	(-) 5441.0
2016-2017	11951.6	17211.1	(-) 5259.5
2017-2018	14850.7	18687.0	(-)3836.3
2018 (Apr-Sep)	8832.2	9858.0 (r)	(-)1025.8 (r)
2018-2019 (p)	17060.4	18086.6	(-)1026.2

Notes : 1. Data include border trade.

2. Export include re-export.

3. Import include draw-back items.

Sources : 1. Customs Department.

2. Department of Electric Power Planning.

3. Myanmar Petroleum Product Enterprise.

4. Myanmar National Airlines.

5. Myanmar Airways International.

**TABLE 13.02 TERMS OF TRADE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019

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
(Base Year 2015-16=100)			
2015-2016	100.0	100.0	100.0
2016-2017	110.2	120.2	91.7
2017-2018	120.5	128.6	93.7
2018-2019	118.2	127.8	92.5

Source : Central Statistical Organization.

**TABLE 13.03 EXPORT AND IMPORT BY AIR, SEA, LAND, AND PIPE LINE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

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
2015-2016	3420.36	653.89	2719.36	4343.27	11136.88	13625.87	347.14	2604.93	16577.94
2016-2017	4768.50	544.88	3668.33	2969.93	11951.64	13659.39	684.49	2867.18	17211.06
2017-2018	6542.85	728.73	4072.89	3506.19	14850.66	14495.04	1177.65	3014.26	18686.95
2018 (Apr-Sep)	4012.14	919.65	2252.01	1648.38	8832.18	7870.85	510.51	1476.68 (r)	9858.04 (r)
2018-2019 (p)	8802.16	1039.08	3294.25	3924.92	17060.41	14043.11	976.08	3067.41	18086.60

Note : Pipe Line of export is natural gas only.

Sources : 1. Customs Department.

2. Department of Electric Power Planning.

3. Myanmar Petroleum Product Enterprise.

4. Myanmar National Airlines.

5. Myanmar Airways International.



**TABLE 13.04 EXPORT BY TYPE OF PRINCIPAL COMMODITIES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$, quantity in thousand

Commodity	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>TOTAL EXPORTS</b>	<b>US.\$</b>	<b>3558</b>	<b>8861</b>	<b>11137</b>	<b>11952</b>	<b>14851</b>	<b>8832</b>	<b>17060</b>
<b>AGRICULTURAL PRODUCTS</b>	<b>US.\$</b>	<b>435</b>	<b>1228</b>	<b>1224</b>	<b>1414</b>	<b>1324</b>	<b>534</b>	<b>1535</b>
Rice and rice products	US.\$	37	198	102	202	514	164	518
	M.T.	180	536	319	691	1722	488	1708
Pulses	US.\$	322	800	990	1046	627	280	696
	M.T.	865	829	1020	1033	1002	629	1272
Maize	US.\$	11	11	**	14	9	**	45
	M.T.	90	45	1	76	48	1	205
Sesame seeds	US.\$	18	45	25	30	34	17	51
	M.T.	22	30	14	19	24	12	28
Raw rubber	US.\$	35	154	31	56	65	38	152
	M.T.	29	47	31	42	45	29	118
Niger seeds	US.\$	**	**	6	7	6	4	8
	M.T.	*	*	7	9	8	6	13
Other Agricultural Products	US.\$	12	20	70	59	69	31	65
<b>ANIMAL PRODUCTS</b>	<b>US.\$</b>	<b>4</b>	<b>13</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>3</b>	<b>6</b>
<b>MARINE PRODUCTS</b>	<b>US.\$</b>	<b>197</b>	<b>287</b>	<b>187</b>	<b>224</b>	<b>256</b>	<b>126</b>	<b>294</b>
Fish	US.\$	88	200	128	137	140	70	149
	M.T.	74	140	130	121	111	67	108
Prawn	US.\$	99	65	28	38	45	27	70
	M.T.	20	18	11	11	11	6	12
Other Marine Products	US.\$	10	22	31	49	71	29	75
<b>TIMBER</b>	<b>US.\$</b>	<b>474</b>	<b>594</b>	<b>105</b>	<b>118</b>	<b>88</b>	<b>39</b>	<b>66</b>
	Cu.ton	970	961	65	67	60	28	46
Teak	US.\$	296	307	81	81	63	33	53
	Cu.ton	333	244	43	36	35	20	29
Hardwood	US.\$	178	287	24	37	25	6	13
	Cu.ton	637	717	22	31	25	8	17
<b>BASE METAL,ORES</b>	<b>US.\$</b>	<b>112</b>	<b>42</b>	<b>351</b>	<b>473</b>	<b>911</b>	<b>575</b>	<b>974</b>
	M.T.	30	8	68	115	184	99	172
<b>PRECIOUS AND SEMI- PRECIOUS MINERALS</b>	<b>US.\$</b>	<b>233</b>	<b>2028</b>	<b>280</b>	<b>154</b>	<b>304</b>	<b>163</b>	<b>121</b>
Silver	US.\$	-	**	-	-	-	-	-
	Std.oz	-	22	-	-	-	-	-
Precious Stones and Pearls	US.\$	233	2028	280	154	304	163	121
<b>GAS 1/</b>	<b>US.\$</b>	<b>1080</b>	<b>2523</b>	<b>4343 (r)</b>	<b>2970 (r)</b>	<b>3506 (r)</b>	<b>1648 (r)</b>	<b>3925</b>
	Mil.Cu.ft	322722	410370	-	-	232949 (r)	206396 (r)	427029
	KG	-	-	12770178 (r)	11819495 (r)	5844536 (r)	-	-
<b>GARMENT</b>	<b>US.\$</b>	<b>272</b>	<b>379</b>	<b>857</b>	<b>1867</b>	<b>2559</b>	<b>2225</b>	<b>4830</b>
<b>OTHER COMMODITIES 1/</b>	<b>US.\$</b>	<b>751</b>	<b>1767</b>	<b>3783 (r)</b>	<b>4725 (r)</b>	<b>5896 (r)</b>	<b>3519 (r)</b>	<b>5309</b>

Notes : 1/ Data include border trade.

\*Less than one unit.

\*\*Less than 0.5 Million US\$.

Sources : 1. Customs Department.

2. Department of Electric Power Planning.

3. Myanmar Petroleum Product Enterprise.

**TABLE 13.05 DIRECTION OF RICE EXPORT TRADE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$, quantity in thousand

Country of Destination	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>TOTAL</b>	<b>US.\$</b>	<b>36.57</b>	<b>198.08</b>	<b>102.09</b>	<b>202.06</b>	<b>514.01</b>	<b>163.83</b>	<b>517.57</b>
	<b>M.T.</b>	<b>180</b>	<b>536</b>	<b>319</b>	<b>691</b>	<b>1722</b>	<b>488</b>	<b>1708</b>
<b>SOUTH EAST ASIA</b>	<b>US.\$</b>	<b>9.87</b>	<b>6.27</b>	<b>17.15</b>	<b>15.87</b>	<b>31.29</b>	<b>13.06</b>	<b>133.92</b>
	<b>M.T.</b>	<b>49</b>	<b>17</b>	<b>53</b>	<b>54</b>	<b>111</b>	<b>39</b>	<b>440</b>
Malaysia	US.\$	6.24	0.33	0.05	0.14	2.65	0.97	10.19
	M.T.	31	1	*	*	8	3	33
Indonesia	US.\$	0.09	-	6.06	2.11	13.01	4.30	27.47
	M.T.	1	-	15	8	51	14	103
Singapore	US.\$	3.54	5.94	10.68	13.41	8.09	1.51	5.06
	M.T.	17	16	37	46	29	4	16
Cambodia	US.\$	-	-	-	-	-	**	0.06
	M.T.	-	-	-	-	-	*	*
Philippines	US.\$	-	-	0.24	0.02	3.83	2.55	82.31
	M.T.	-	-	1	*	11	7	259
Vietnam-Socialist Rep.of	US.\$	-	-	-	0.11	3.71	3.73	7.27
	M.T.	-	-	-	*	12	11	24
Others	US.\$	-	-	0.12	0.08	-	-	1.56
	M.T.	-	-	*	*	-	-	5
<b>REST OF ASIA</b>	<b>US.\$</b>	<b>6.11</b>	<b>63.29</b>	<b>17.75</b>	<b>38.82</b>	<b>134.00</b>	<b>2.68</b>	<b>54.69</b>
	<b>M.T.</b>	<b>31</b>	<b>175</b>	<b>55</b>	<b>124</b>	<b>418</b>	<b>8</b>	<b>164</b>
China, People's Rep.of	US.\$	-	-	16.88	18.37	3.04	0.94	47.25
	M.T.	-	-	52	55	9	3	140
Sri Lanka	US.\$	-	-	-	16.20	25.11	0.94	-
	M.T.	-	-	-	57	83	3	-
India	US.\$	3.59	1.05	0.26	0.25	-	-	-
	M.T.	17	3	1	*	-	-	-
Maldives	US.\$	-	-	-	-	-	-	-
	M.T.	-	-	-	-	-	-	-
Korea, Republic of	US.\$	-	-	0.09	**	-	-	-
	M.T.	-	-	*	*	-	-	-
Bangladesh	US.\$	2.10	58.11	0.21	-	87.23	0.25	5.70
	M.T.	12	161	1	-	260	1	18
Others	US.\$	0.42	4.13	0.31	4.00	18.62	0.55	1.74
	M.T.	2	11	1	12	66	1	6

**TABLE 13.05 DIRECTION OF RICE EXPORT TRADE (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$, quantity in thousand

Country of Destination	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>MIDDLE EAST</b>	US.\$	18.50	0.45	1.79	6.13	0.51	-	1.91
	M.T.	90	1	5	21	2	-	7
Iran	US.\$	2.83	0.09	-	-	-	-	-
	M.T.	13	*	-	-	-	-	-
Oman	US.\$	-	-	0.10	-	-	-	-
	M.T.	-	-	*	-	-	-	-
Others	US.\$	15.67	0.36	1.69	6.13	0.51	-	1.91
	M.T.	77	1	5	21	2	-	7
<b>AMERICA</b>	US.\$	-	-	0.73	2.17	2.71	3.27	2.24
	M.T.	-	-	2	6	9	11	8
United States	US.\$	-	-	-	0.44	0.15	-	0.12
	M.T.	-	-	-	1	*	-	*
Others	US.\$	-	-	0.73	1.73	2.56	3.27	2.12
	M.T.	-	-	2	5	9	11	8
<b>EUROPE</b>	US.\$	0.24	41.25	63.12	85.58	132.63	86.31	161.87
	M.T.	1	107	199	293	457	253	526
Belgium	US.\$	-	-	9.78	36.54	64.39	44.12	65.33
	M.T.	-	-	33	136	248	141	240
Netherlands	US.\$	-	-	2.55	4.49	5.98	4.13	6.73
	M.T.	-	-	10	17	23	14	27
Yugoslavia	US.\$	-	-	-	-	-	-	-
	M.T.	-	-	-	-	-	-	-
Others	US.\$	0.24	41.25	50.79	44.55	62.26	38.06	89.83
	M.T.	1	107	156	140	186	98	259
<b>AFRICA</b>	US.\$	1.85	86.82	1.53	52.88	212.70	58.51	162.91
	M.T.	9	236	5	191	725	177	563
Sierra Leone	US.\$	-	-	-	0.01	0.15	-	0.41
	M.T.	-	-	-	*	*	-	1
Mauritius	US.\$	-	-	-	0.04	-	-	-
	M.T.	-	-	-	*	-	-	-
Gambia	US.\$	-	-	-	-	0.24	-	0.01
	M.T.	-	-	-	-	1	-	*
Ivory Coast	US.\$	-	82.21	-	-	75.14	24.65	36.43
	M.T.	-	224	-	-	250	75	127
Guinea	US.\$	-	-	-	15.00	-	15.79	18.74
	M.T.	-	-	-	54	-	47	63
Others	US.\$	1.85	4.61	1.53	37.83	137.17	18.07	107.33
	M.T.	9	12	5	137	474	55	372
<b>OCEANIA</b>	US.\$	-	-	0.02	0.61	0.17	-	**
	M.T.	-	-	*	2	*	-	*

Notes : \* Less than one unit.

\*\*Less than 0.005 Million US\$.

Source : Customs Department.

**TABLE 13.06 DIRECTION OF TIMBER EXPORT TRADE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$, quantity in thousand

Country of Destination	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>GRAND TOTAL</b>	<b>US.\$</b>	<b>474.50</b>	<b>593.88</b>	<b>104.75</b>	<b>118.08</b>	<b>87.63</b>	<b>39.12</b>	<b>66.53</b>
	<b>Cu.ton</b>	<b>970</b>	<b>961</b>	<b>65</b>	<b>67</b>	<b>60</b>	<b>27</b>	<b>46</b>
<b>SOUTH EAST ASIA</b>	<b>US.\$</b>	147.64	141.70	34.00	37.96	20.19	7.70	11.03
	<b>Cu.ton</b>	212	111	26	21	14	6	8
Malaysia	<b>US.\$</b>	13.51	3.52	7.59	10.28	6.29	1.04	1.21
	<b>Cu.ton</b>	13	3	9	5	5	2	1
Singapore	<b>US.\$</b>	31.90	38.20	14.33	8.47	4.33	2.19	2.72
	<b>Cu.ton</b>	36	22	10	4	2	1	2
Thailand	<b>US.\$</b>	82.42	71.82	10.49	18.55	9.55	4.47	7.08
	<b>Cu.ton</b>	119	46	7	12	7	3	5
Indonesia	<b>US.\$</b>	0.26	0.12	0.41	0.34	-	-	-
	<b>Cu.ton</b>	*	*	*	*	-	-	-
Brunei	<b>US.\$</b>	0.01	0.01	0.03	0.01	-	-	0.01
	<b>Cu.ton</b>	*	*	*	*	-	-	*
Vietnam-Socialist Rep.of	<b>US.\$</b>	19.54	28.03	0.84	0.31	0.02	**	0.01
	<b>Cu.ton</b>	44	40	*	*	*	*	*
Others	<b>US.\$</b>	-	-	0.31	-	-	-	-
	<b>Cu.ton</b>	-	-	*	-	-	-	-
<b>REST OF ASIA</b>	<b>US.\$</b>	305.39	447.91	56.19	55.68	48.28	22.48	37.78
	<b>Cu.ton</b>	743	846	33	36	37	19	32
China, People's Rep.of	<b>US.\$</b>	12.69	34.09	8.94	16.47	10.96	4.93	8.91
	<b>Cu.ton</b>	46	58	3	6	6	3	7
Korea, Republic of	<b>US.\$</b>	0.20	0.82	0.40	0.08	0.17	0.08	0.13
	<b>Cu.ton</b>	*	1	*	*	*	*	*
Maldives	<b>US.\$</b>	-	-	-	-	-	-	**
	<b>Cu.ton</b>	-	-	-	-	-	-	*
Sri Lanka	<b>US.\$</b>	0.02	0.17	0.01	0.02	0.06	0.01	0.02
	<b>Cu.ton</b>	*	*	*	*	*	*	*
China, Hong Kong SAR	<b>US.\$</b>	23.36	1.07	0.52	0.01	-	-	-
	<b>Cu.ton</b>	42	1	*	*	-	-	-
India	<b>US.\$</b>	232.35	355.35	43.68	34.84	32.06	15.73	25.32
	<b>Cu.ton</b>	552	651	28	26	27	13	22
Japan	<b>US.\$</b>	1.78	0.55	0.21	2.67	1.84	0.41	0.68
	<b>Cu.ton</b>	1	*	*	2	1	1	1
Pakistan	<b>US.\$</b>	9.06	6.79	1.43	0.49	0.48	0.13	0.16
	<b>Cu.ton</b>	16	7	1	*	1	*	*
Others	<b>US.\$</b>	25.93	49.07	1.00	1.10	2.71	1.19	2.56
	<b>Cu.ton</b>	86	128	1	2	2	2	2

**TABLE 13.06 DIRECTION OF TIMBER EXPORT TRADE (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$, quantity in thousand

Country of Destination	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>MIDDLE EAST</b>	US.\$	1.19	3.17	6.14	7.78	4.12	1.67	1.86
	Cu.ton	2	3	2	3	2	1	1
Bahrain	US.\$	-	-	-	0.06	-	-	-
	Cu.ton	-	-	-	*	-	-	-
Kuwait	US.\$	-	-	-	-	-	-	-
	Cu.ton	-	-	-	-	-	-	-
Others	US.\$	1.19	3.17	6.14	7.72	4.12	1.67	1.86
	Cu.ton	2	3	2	3	2	1	1
<b>AMERICA</b>	US.\$	0.06	0.01	1.20	6.31	0.88	0.60	2.14
	Cu.ton	*	*	1	4	1	*	1
United States	US.\$	-	-	1.10	5.71	0.79	0.60	2.10
	Cu.ton	-	-	1	4	1	*	1
Canada	US.\$	-	-	0.06	0.07	0.09	-	-
	Cu.ton	-	-	*	*	*	-	-
Others	US.\$	0.06	0.01	0.04	0.53	-	**	0.04
	Cu.ton	*	*	*	*	-	*	*
<b>EUROPE</b>	US.\$	19.63	0.99	6.86	9.36	13.29	6.52	13.25
	Cu.ton	13	1	3	3	6	1	4
Belgium	US.\$	1.29	-	0.36	0.27	1.14	0.65	-
	Cu.ton	1	-	*	*	1	*	-
Denmark	US.\$	2.59	-	0.68	0.34	-	-	-
	Cu.ton	2	-	*	*	-	-	-
Germany, Federal Rep.of	US.\$	1.06	-	0.63	1.28	1.74	0.65	**
	Cu.ton	1	-	1	1	*	*	*
Switzerland	US.\$	0.05	0.01	0.08	0.12	0.23	-	0.05
	Cu.ton	*	*	*	*	*	-	*
United Kingdom	US.\$	0.84	0.08	0.29	0.09	0.06	-	-
	Cu.ton	*	*	*	*	*	-	-
Italy	US.\$	8.40	0.04	2.45	3.83	3.67	3.84	8.07
	Cu.ton	6	*	1	1	1	1	3
Netherlands	US.\$	1.77	-	0.20	0.39	0.92	0.15	0.01
	Cu.ton	1	-	*	*	*	*	*
Norway	US.\$	0.01	-	-	-	-	-	-
	Cu.ton	*	-	-	-	-	-	-
Sweden	US.\$	0.57	0.03	0.06	0.14	0.12	0.31	0.68
	Cu.ton	*	*	*	*	*	*	*
France	US.\$	1.75	0.04	0.53	0.21	0.09	-	0.01
	Cu.ton	1	*	*	*	*	-	*
Others	US.\$	1.30	0.79	1.58	2.69	5.32	0.92	4.43
	Cu.ton	1	1	1	1	4	*	1
<b>AFRICA</b>	US.\$	0.03	-	0.04	0.45	0.06	**	0.05
	Cu.ton	*	-	*	*	*	*	*
Mauritius	US.\$	-	-	0.04	-	0.06	**	0.05
	Cu.ton	-	-	*	-	*	*	*
Others	US.\$	0.03	-	-	0.45	-	-	-
	Cu.ton	*	-	-	*	-	-	-
<b>OCEANIA</b>	US.\$	0.28	0.10	0.32	0.54	0.81	0.15	0.42
	Cu.ton	*	*	*	*	*	*	*
<b>COUNTRY UNCLASSIFIED</b>	US.\$	0.28	-	-	-	-	-	-
	Cu.ton	*	-	-	-	-	-	-

Notes : \* Less than one unit.

\*\* Less than 0.005 Million US\$.

Source : Customs Department.

**TABLE 13.07 DOMESTIC EXPORT BY COMMODITY SECTION (BY BSITC)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Commodity Section	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>GRAND TOTAL</b>	<b>3052.56</b>	<b>7870.36</b>	<b>9215.20</b>	<b>8843.85</b>	<b>10128.84</b>	<b>5029.75</b>	<b>10520.63</b>
Food	577.63	1308.31	1345.76	1541.36	1468.55	612.21	1638.67
Beverages and tobacco	45.61	3.50	18.81	21.11	35.80	22.74	51.00
Crude materials, inedible except fuel	529.97	829.12	428.67	848.83	1450.06	950.68	1303.02
Mineral fuels, lubricants and related materials <u>1/</u>	1134.07	2522.53	4380.12 (r)	3003.99 (r)	3572.84 (r)	1648.48 (r)	3953.63
Animal and vegetable oils and fats	-	0.03	1.23	1.23	0.11	0.57	1.61
Chemicals	0.43	0.52	6.64	7.78	20.66	1.88	1.29
Manufactured goods chiefly by materials	365.88	2082.63	557.85	165.50	243.95	66.50	331.99
Machinery and transport equipment	2.38	0.05	4.86	20.22	28.13	28.49	66.69
Miscellaneous manufactured articles	19.84	9.32	7.72	63.38	45.20	11.66	9.64
Miscellaneous transactions and commodities <u>2/</u>	376.75	1114.35	2463.54 (r)	3170.45 (r)	3263.54 (r)	1686.54 (r)	3163.09

Notes : BSITC- Burma Standard International Trade Classification Sources : 1. Customs Department.

1/ Data include Natural Gas.

2. Department of Electric Power Planning.

2/ Data include border trade.

3. Myanmar Petroleum Product Enterprise.

**TABLE 13.08 ALL EXPORT BY COMMODITY SECTION (BY H.S)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Commodity Section	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>GRAND TOTAL</b>	<b>3558.03</b>	<b>8861.01</b>	<b>11136.88</b>	<b>11951.64</b>	<b>14850.66</b>	<b>8832.18</b>	<b>17060.41</b>
Live animals; animal products	197.59	295.58	190.12	227.16	259.32	128.14	298.36
Vegetable products	401.71	1070.71	1182.96	1351.46	1248.39	487.10	1371.27
Animal or vegetable fats and oils and products; prepared edible fats; their cleavage animal or vegetable waxes	0.01	0.02	1.23	1.21	1.18	0.57	2.75
Prepared foodstuffs; beverages, spirits and vinegar; tobacco and manufactured tobacco substitutes	49.20	7.38	26.00	31.04	47.63	40.56	78.96
Mineral products 1/	1141.91	2525.44	4393.45 (r)	3018.56 (r)	3579.41 (r)	1649.45 (r)	4047.22
Products of the chemical or allied industries	0.73	1.00	0.73	6.47	14.51	2.11	4.41
Plastics and articles thereof; rubber and articles thereof	35.50	155.08	43.08	88.12	105.62	55.48	195.95
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	7.27	40.61	97.48	68.07	315.61
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	206.78	241.04	207.23	93.43	171.16

**TABLE 13.08 ALL EXPORT BY COMMODITY SECTION (BY H.S) (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Commodity Section	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (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	61.72	2.99	8.03	56.24	12.44
Textiles and textile articles	277.27	386.91	913.88	1948.45	2617.26	2315.54	4911.97
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	81.81	175.70	274.98	218.61	481.71
Articles of stone, plaster, cement, abestos, mica or similar materials; ceramic products; glass and glassware.	0.31	0.07	0.67	2.02	1.74	0.66	4.21
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	282.89	157.14	307.38	176.50	133.70
Base metals and articles of base metal	110.42	41.87	352.40	498.78	1030.08	630.25	1064.62
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	35.88	55.14	90.05	168.04	353.73
Vehicles, aircraft, vessels and associated transport equipment	1.13	1.68	1.38	9.81	22.56	371.76	180.57
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	52.23	68.15	75.24	88.82	106.38
Arms and ammunition; parts and accessories thereof.	-	-	-	-	-	-	-
Miscellaneous manufactured articles. <sup>2/</sup>	566.63	1648.85	3301.27 (r)	3973.09 (r)	4850.12 (r)	2264.60 (r)	3323.11
Works of art, collectors' pieces and antiques	12.43	0.66	1.13	54.70	12.45	16.25	2.28

Notes : H.S - Harmonized Commodity Description Coding System.

<sup>1/</sup> Data include Natural Gas.

<sup>2/</sup> Data include border trade.

Sources : 1. Customs Department.

2. Department of Electric Power Planning.

3. Myanmar Petroleum Product Enterprise.



**TABLE 13.09 DIRECTION OF EXPORT BY COUNTRY/REGION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Country	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>GRAND TOTAL</b>	<b>3558.03</b>	<b>8861.01</b>	<b>11136.88</b>	<b>11951.64</b>	<b>14850.66</b>	<b>8832.18</b>	<b>17060.41</b>
<b>SOUTH EAST ASIA</b>	1833.97	3930.84	3985.40	3091.64	4097.43	2279.62	4338.74
Singapore	262.85	456.99	725.43	472.84	753.50	374.59	343.60
Malaysia	92.90	437.80	161.32	159.01	222.55	121.98	194.77
Indonesia	65.36	41.11	139.84	125.05	123.91	62.82	138.02
Philippines	12.58	22.30	8.23	40.98	19.92	11.46	136.93
Thailand <u>1/</u>	1360.95	2905.18	2893.18	2202.24	2846.41	1569.94	3277.58
Vietnam,Socialist Rep.of	38.46	67.03	56.67	88.25	127.51	133.71	235.00
Laos	0.02	0.02	0.40	0.04	0.08	0.01	0.24
Cambodia	-	0.04	0.01	2.65	3.34	4.93	12.37
Brunei	0.85	0.37	0.32	0.58	0.21	0.18	0.23
<b>REST OF ASIA</b>	1378.56	4501.74	6502.36	7461.27	8249.13	4504.99	8071.41
China,People's Rep.of <u>1/</u>	366.95	1203.56	4596.96	5055.47	5698.68	2904.47	5063.54
Sri Lanka	3.89	1.44	2.93	24.53	38.41	5.13	23.96
China, Hong Kong SAR	255.42	1894.69	282.81	204.16	363.04	230.06	214.95
India <u>1/</u>	488.97	871.59	904.16	943.48	607.72	292.03	682.78
Bangladesh <u>1/</u>	54.82	125.03	18.13	24.00	170.04	35.40	63.20
Japan	135.71	237.43	393.75	784.26	956.03	760.98	1415.71
Pakistan	29.43	19.56	37.07	61.72	63.55	24.22	36.07
Maldives	-	-	-	0.01	0.09	-	0.03
Korea,Rep.of	38.54	148.39	259.94	342.43	303.26	230.84	523.02
Others	4.83	0.05	6.61	21.21	48.30	21.86	48.15
<b>MIDDLE EAST</b>	66.69	116.09	117.80	122.30	135.43	61.96	187.27
Kuwait	-	54.16	17.04	7.52	8.53	4.30	5.37
Saudi Arabia	8.79	26.54	21.54	21.50	30.86	5.33	22.19
United Arab Republic	37.36	32.45	65.74	73.36	69.48	32.16	106.51

**TABLE 13.09 DIRECTION OF EXPORT BY COUNTRY/REGION (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Country	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
Iran	3.14	0.36	1.31	1.67	0.69	0.25	0.20
Israel	0.06	**	4.40	5.81	4.67	3.95	7.63
Bahrain	0.09	0.18	1.31	1.02	3.10	3.53	15.99
Others	17.25	2.40	6.46	11.42	18.10	12.44	29.38
<b>AMERICA</b>	35.59	16.22	135.60	289.61	389.94	365.60	898.85
United States	0.14	2.21	69.22	192.05	286.71	293.14	737.60
Canada	4.11	0.01	11.07	40.32	65.32	44.56	99.24
Brazil	1.13	3.28	2.11	9.37	0.04	2.27	5.58
Others	30.21	10.72	53.20	47.87	37.87	25.63	56.43
<b>NORTH WEST</b>	166.96	92.47	242.89	630.28	1247.24	1109.49	2280.74
<b>EUROPE</b>							
Belgium	6.25	1.50	24.25	77.57	151.17	114.89	218.75
Denmark	4.20	0.69	3.97	23.28	95.07	92.15	134.85
France	19.04	1.42	19.19	41.63	75.21	70.68	184.06
Germany, Federal Rep.of	62.14	38.34	85.04	219.74	380.06	282.82	624.68
United Kingdom	60.95	34.80	35.24	134.08	311.27	233.10	508.84
Netherlands	7.97	5.91	49.23	91.76	175.80	212.99	465.35
Norway	0.44	0.01	1.49	5.17	7.83	6.95	10.98
Sweden	2.07	0.69	7.98	18.27	31.93	35.06	83.51
Switzerland	1.30	1.47	10.32	8.33	5.66	4.53	9.63
Others	2.60	7.64	6.18	10.45	13.24	56.32	40.09
<b>SOUTHERN EUROPE</b>	48.59	39.97	69.99	143.99	309.09	294.08	744.57
Italy	13.37	5.78	22.98	51.11	106.02	105.47	207.75
Spain	18.96	23.89	37.56	82.49	169.08	169.25	507.63
Others	16.26	10.30	9.45	10.39	33.99	19.36	29.19

**TABLE 13.09 DIRECTION OF EXPORT BY COUNTRY/REGION (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Country	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>EASTERN EUROPE</b>	7.17	48.82	63.02	108.35	151.44	127.54	281.52
Czech Republic <u>2/</u>	1.95	0.11	1.45	7.32	14.18	9.67	17.99
Slovakia <u>2/</u>	-	-	0.08	2.77	0.55	2.18	2.65
Finland	0.08	**	0.33	0.95	3.69	1.79	5.18
Russia	0.98	8.32	3.85	8.42	20.20	8.77	27.28
Others	4.16 (r)	40.39	57.31	88.89 (r)	112.82 (r)	105.13 (r)	228.42
<b>AFRICA</b>	2.59	92.96	8.86	61.95	226.95	67.97	192.14
Sierra Leone	-	-	**	0.10	0.15	1.55	1.95
Mauritius	-	-	0.24	0.08	0.26	0.17	0.54
Gambia	-	-	3.04	0.71	0.23	-	0.01
Ivory Coast	-	82.21	-	22.85	75.14	24.65	36.50
Others	2.59	10.75	5.58	38.21	151.16	41.60	153.14
<b>OCEANIA</b>	17.80	17.75	10.96	39.98	24.54	13.39	32.02
Australia	13.19	17.17	8.62	23.25	21.90	12.06	28.09
New Zealand and other islands in the Pacific	4.61	0.58	2.34	16.73	2.64	1.33	3.93
<b>OTHERS</b>	0.11	4.15	-	2.27	19.47	7.54	33.15
Country unclassified	0.11	4.15	-	2.27	19.47	7.54	33.15

Notes : 1/ Data include border trade.2/ On January, 1993, Czech and Slovak split into two independent countries: Slovakia and the Czech Republic.

\*\*Less than 0.005 Million US\$.

Sources : 1. Customs Department.

2. Department of Electric Power Planning.

3. Myanmar Petroleum Product Enterprise.

**TABLE 13.10 IMPORT BY COMMODITY SECTION (BY BSITC)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Commodity Section	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>GRAND TOTAL</b>	<b>1984.41</b>	<b>6412.73</b>	<b>16577.94</b>	<b>17211.06</b>	<b>18686.95</b>	<b>9858.04 (r)</b>	<b>18086.60</b>
Food	89.84	200.00	1538.18	1876.05	1475.54	1018.59	1271.45
Beverages and tobacco	20.50	10.28	77.38	92.11	90.97	47.30	113.78
Crude materials, inedible except fuel	11.56	24.38	39.94	113.63	121.85	95.60	118.71
Mineral fuels, lubricants and related materials	281.03	1460.26	1607.28	2424.47	3505.02	1863.57	3487.66
Animal and vegetable oils and fats	78.03	201.07	546.57	626.82	618.09	273.37	545.27
Chemicals	219.61	555.40	1184.63	1472.75	1693.33	948.98	2078.81
Manufactured goods chiefly by materials	512.83	1196.40	2823.37	2892.25	3067.66	1657.16	3219.30
Machinery and transport equipment	414.66	1540.00	5550.72	4210.59	4146.36	2044.92	3291.75
Miscellaneous manufactured articles	47.43	146.89	415.47	601.58	860.05	427.98	892.09
Miscellaneous transactions and commodities <u>1/</u>	308.92	1078.05	2794.40	2900.81	3108.08	1480.57 (r)	3067.78

Notes : BSITC - Burma Standard International Trade  
Classification.  
1/ Data include border trade.

Sources : 1. Customs Department.  
2. Department of Electric Power Planning.  
3. Myanmar National Airlines.  
4. Myanmar Airways International.

**TABLE 13.11 IMPORT BY COMMODITY SECTION (BY H.S)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Commodity Section	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>GRAND TOTAL</b>	<b>1984.41</b>	<b>6412.73</b>	<b>16577.94</b>	<b>17211.06</b>	<b>18686.95</b>	<b>9858.04 (r)</b>	<b>18086.60</b>
Live animals; animal products	29.98	57.96	119.58	120.06	114.41	56.70	109.93
Vegetable products	26.94	75.40	181.95	235.07	275.33	110.71	286.07
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	96.90	206.12	552.92	635.46	625.72	276.76	552.27
Prepared foodstuffs; beverages, spirits and vinegar; tobacco and manufactured tobacco substitutes	34.52	70.85	1322.12	1646.89	1234.10	927.60	1046.85
Mineral products	293.22	1605.74	1864.67	2516.94	3515.43	1890.96	3512.74
Products of the chemical or allied industries	123.19	320.49	746.95	997.29	1170.81	643.04	1407.03
Plastics and articles thereof; rubber and articles thereof	122.80	307.78	573.10	660.70	728.78	427.45	895.99
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	32.69	44.90	65.88	29.59	79.27
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	27.68	36.82	31.48	14.84	23.20

**TABLE 13.11 IMPORT BY COMMODITY SECTION (BY H.S) (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Commodity Section	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard, paper, paperboard and articles thereof	53.05	77.39	197.17	232.39	260.26	132.26	304.24
Textiles and textile articles	215.44	333.10	441.65	926.94	1257.23	663.60	1338.75
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	17.27	27.76	55.96	35.56	70.98
Articles of stone, plaster, cement, abestos, mica or similar materials; ceramic products; glass and glassware.	14.12	52.37	182.84	235.84	168.25	77.15	174.50
Natural or cultured pearls, precious or semi- precious stones, precious metals, metals clad with precious metal and articles thereof; imitation jewellery; coin.	**	0.01	0.12	0.51	1.18	0.58	1.08
Base metals and articles of base metal	203.36	554.77	1644.81	1439.94	1414.81	792.16	1470.55
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	2790.17	2350.35	2607.43	1296.08	2464.84
Vehicles, aircraft, vessels and associated transport equipment	163.77	494.03	2781.20	1867.69	1545.07	782.77	878.38
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	137.60	136.96	245.06	101.49	161.36
Arms and ammunition; parts and accessories there of.	-	-	-	-	-	-	-
Miscellaneous manufactured articles. <u>1/</u>	300.09	1064.76	2716.27	3037.27	3268.73	1594.58 (r)	3308.04
Works of art, collectors' pieces and antiques	20.82	57.42	247.18	61.28	101.03	4.16	0.53

Notes : H.S - Harmonized Commodity Description and Coding System.

1/ Data include border trade.

\*\*Less than 0.005 Million US\$.

Sources : 1. Customs Department.

2. Department of Electric Power Planning.

3. Myanmar National Airlines.

4. Myanmar Airways International.

**TABLE 13.12 IMPORT OF PRINCIPAL COMMODITIES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$, quantity in thousand

Principal Commodity	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
Wheat flour	US.\$	**	**	3.0	4.3	14.9	6.4	26.1
	M.T.	*	*	7	9	40	17	72
Milk,condensed and evaporated	US.\$	24.7	37.9	64.3	42.0	10.0	4.0	7.0
	Kgm	28661	39256	45005	31680	5834	2893	6436
Milk food including malted milk	US.\$	3.7	17.4	94.6	117.3	113.1	9.8	16.4
	kgm	2260	10482	43106	56927	31474	8366	12721
Sugar	US.\$	**	13.7	814.9	1050.8	389.3	462.5	93.0
	M.T.	*	46	1468	1901	706	1010	208
Taste powder	US.\$	-	-	33.2	27.2	20.0	7.8	11.2
	Kgm	-	-	36791	29078	23217	12219	15079
Tea	US.\$	0.1	0.4	1.9	2.2	1.8	0.9	1.2
	Kgm	45	331	968	912	623	406	587
Spices	US.\$	1.6	2.1	4.4	4.5	11.2	7.3	18.1
	Kgm	517	681	2123	1658	5709	4332	11090
Edible vegetable oils and other hydrogenated oils	US.\$	98.4	202.4	549.2	624.5	624.9	276.4	551.9
	M.T.	206	224	687	777	819	399	907
Animal oils and fats	US.\$	**	**	1.7	2.4	0.3	0.2	0.1
Tobacco and tobacco manufactures	US.\$	19.5	1.3	51.4	60.6	63.7	30.3	70.3
	Kgm	6928	232	10026	12513	11407	5238	12336
Dyeing, tanning and colouring materials	US.\$	6.2	12.4	29.4	24.4	29.5	16.2	36.0
	US.\$	25.2	48.8	190.4	220.8	198.5	77.5	146.1
Chemical elements and compounds	US.\$	62.2	180.9	261.3	395.6	506.0	262.2	538.1
Pharmaceutical products	US.\$	4.5	14.9	71.7	117.8	151.4	113.5	271.0
Fertilizers, manufactured	US.\$	28	55	291	507	577	426	926
	M.T.	28	55	291	507	577	426	926
Cotton yarn	US.\$	0.9	6.8	18.7	19.6	18.0	27.3	29.6
	Kgm	815	2544	11491	11948	10716	17431	14343
Cotton thread	US.\$	**	0.8	9.4	11.2	36.5	6.9	16.7
Yarn of artificial and synthetic fibres including mixed	US.\$	0.4	2.2	4.9	34.5	96.4	34.1	75.7
	Kgm	205	787	3417	9758	58326	19495	61891
Coir yarn	US.\$	**	-	19.3	20.3	21.3	27.7	32.1
	Kgm	4	-	12316	12153	11788	18188	15269

**TABLE 13.12 IMPORT OF PRINCIPAL COMMODITIES (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$, quantity in thousand

Principal Commodity	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
Cotton fabrics	US.\$	12.9	23.8	31.2	41.1	80.2	29.6	104.4
Fabrics of artificial and synthetic fabrics	US.\$	157.9	207.5	299.2	512.6	617.0	308.3	600.6
Soap	US.\$	3.7	7.2	36.7	43.5	53.0	34.6	74.1
	Kgm	5422	5224	19928	25311	24737	22257	45298
Gunnies and other sacks for packing	US.\$	0.1	0.1	12.7	41.1	32.9	25.1	43.8
Fishing nets	US.\$	0.5	1.9	3.7	5.1	5.2	3.6	5.4
Paper, paperboard and manufactures	US.\$	50.9	70.3	188.3	222.3	239.8	128.6	293.3
	M.T.	55	94	265	324	371	301	367
Rubber manufactures	US.\$	24.1	61.0	119.0	114.2	108.0	71.0	135.9
Cement	US.\$	9.0	140.4	279.9	213.6	93.3	4.8	13.4
	M.T.	125	1649	2928	1392	686	64	196
Empty glass bottles	US.\$	1.2	2.0	19.7	38.5 (r)	28.1 (r)	12.1 (r)	29.0
Coal and coke	US.\$	5.8	5.6	85.5	63.2	83.9	68.2	179.2
	M.T.	26	10	360	535	516	376	691
Refined mineral oil	US.\$	268.7	1390.7	1457.7	2290.8	3337.8	1790.8	3308.9
	Gal	160428	511379	603793	848871	1082548	755531	1509205
Scientific instrument	US.\$	18.6	48.5	134.3	134.1	240.9	99.1	154.7
Base metals and manufactures	US.\$	200.4	552.9	1642.5	1432.3	1274.5	788.8	1463.7
Machinery non-electric and transport equipment	US.\$	307.4	1201.2	4358.9	3056.9	5515.4	1420.9	2039.0
Electrical machinery and apparatus	US.\$	111.2	347.8	1215.1	1168.9	1231.5	661.3	1311.3
Crude Oil	US.\$	-	-	**	**	**	**	-

Notes : \*Less than one unit.

\*\*Less than 0.005 Million US\$.

Sources : 1. Customs Department.

2. Myanmar National Airlines.

3. Myanmar Airways International.



**TABLE 13.13 COMPOSITION OF IMPORTS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Type of Commodity	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>GRAND TOTAL</b>	<b>1984.4</b>	<b>6412.7</b>	<b>16577.9</b>	<b>17211.1</b>	<b>18687.0</b>	<b>9858.0 (r)</b>	<b>18086.6</b>
<b>CAPITAL GOODS</b>	548.4	1938.5	7039.0	5250.8	5117.3	2571.7	4104.3
Building materials	173.9	658.6	1954.3	1597.8	1565.2	783.3	1293.1
Machinery	216.9	839.2	1699.5	1488.4	1581.7	772.9	1485.9
Transport equipment	138.1	391.7	2776.8	1863.9	1541.1	733.2	1097.8
Others	19.5	49.0	608.4	300.7	429.3	282.3	227.5
<b>INTERMEDIATE GOODS</b>	638.4	2327.6	4317.4	5871.3	6529.1	3727.8	7216.3
Raw materials	578.8	2100.5	4161.8	5701.2	6355.1	3632.2	7066.4
Fuels	0.2	5.3	33.6	46.0	58.6	27.0	36.4
Tools and spares	59.4	221.8	122.0	124.1	115.4	68.6	113.5
<b>CONSUMER GOODS</b>	797.6	2146.6	5221.5	6089.0	7040.6	3558.5 (r)	6766.0
Durables	46.7	196.0	520.8	770.1	944.6	493.1	428.5
Food	163.1	364.8	1019.1	1001.3	1116.6	405.6	1471.6
Textiles	199.3	292.5	382.6	693.0	961.9	487.6	874.5
Medicines	62.2	181.0	261.3	395.6	506.8	262.2	538.1
Others <sup>1/</sup>	326.3	1112.3	3037.7	3229.0	3510.7	1910.0 (r)	3453.3

Note : <sup>1/</sup> Data Include border trade.

Sources : 1. Customs Department.

2. Department of Electric Power Planning.

3. Myanmar National Airlines.

4. Myanmar Airways International.

**TABLE 13.14 DIRECTION OF IMPORT BY COUNTRY/REGION**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Country	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>GRAND TOTAL</b>	<b>1984.41</b>	<b>6412.73</b>	<b>16577.94</b>	<b>17211.06</b>	<b>18686.95</b>	<b>9858.04 (r)</b>	<b>18086.60</b>
<b>SOUTH EAST ASIA</b>	1009.60	2840.60	6447.06	6526.23	7704.94	4455.99	7733.95
Singapore	560.91	1645.32	2970.90	2494.28	3084.63	1806.83	3162.35
Malaysia	138.41	145.32	588.72	821.37	867.23	478.45	805.99
Brunei	-	**	0.73	0.28	0.13	0.08	0.09
Indonesia	57.47	275.49	601.96	702.16	901.37	460.32	905.50
Philippines	5.55	16.97	20.77	15.50	32.51	17.18	47.80
Thailand <u>1/</u>	237.37	709.09	1972.81	2086.14	2228.63	1398.59	2187.60
Laos	**	**	0.10	0.41	1.46	0.50	1.47
Vietnam	9.87	47.05	290.19	405.78	587.30	292.54	620.40
Cambodia	0.02	1.36	0.88	0.31	1.68	1.50	2.75
Others	-	-	-	-	-	-	-
<b>REST OF ASIA</b>	782.52	3015.94	9139.99	8665.44	8705.07 (r)	4344.11 (r)	8264.90
China, People's Rep. of <u>1/</u>	468.24	2168.52	6395.55	5749.09	6086.50	3113.98 (r)	6329.97
China, Hong Kong SAR	20.50	8.44	33.56	35.30	22.59	8.55	17.44
India <u>1/</u>	80.18	195.46	807.35	999.68	860.94	508.40	761.31
Japan	106.16	256.35	1452.22	1247.53	966.67	334.87	480.57
Pakistan	0.99	9.49	7.32	17.96	81.62	71.07	24.01
Bangladesh <u>1/</u>	5.10	11.61	15.26	19.96	22.25	12.64	27.97
Korea, Republic of	86.15	304.23	396.60	523.64	495.17	193.92	453.37
Sri Lanka	0.66	0.12	0.15	0.22	1.46	3.53	3.58
Others	14.54	61.72	31.98	72.06	167.87 (r)	97.15	166.68
<b>MIDDLE EAST</b>	19.44	142.14	261.62	274.97	304.79 (r)	158.23	391.35
United Arab Republic	12.50	41.65	128.99	135.84	84.74	45.25	148.48
Iran	3.80	33.87	37.74	31.88	50.10	34.31	53.07
Israel	0.08	0.60	6.26	1.14	4.04	2.30	2.14
Others	3.06	66.02	88.63	106.11	165.91 (r)	76.37	187.66

**TABLE 13.14 DIRECTION OF IMPORT BY COUNTRY/REGION (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Country	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>AMERICA</b>	82.18	82.68	225.85	832.38	761.11 (r)	252.57	504.59
United States	80.74	59.47	127.68	498.58	431.67	162.59	327.56
Canada	0.42	5.30	13.64	39.91	48.31	19.23	48.67
Brazil	0.51	14.96	34.31	150.69	202.88	51.44	96.01
Others	0.51	2.95	50.22	143.20	78.25 (r)	19.31	32.35
<b>NORTH WEST EUROPE</b>	42.83	186.37	250.11	489.40	610.49 (r)	387.46	682.19
Austria	-	0.02	0.19	3.87	9.36	5.61	16.78
Belgium	1.57	2.62	5.86	34.55	30.81	20.94	35.59
Denmark	2.53	3.95	28.44	35.38	31.96	3.41	5.58
France	6.95	40.56	91.17	134.81	185.67	158.59	247.69
Germany, Federal Rep. of	21.21	52.10	68.73	122.37	204.24	90.47	196.86
United Kingdom	5.26	18.90	15.14	33.16	49.50	38.83	61.48
Ireland, Rep. of	1.15	0.22	2.85	7.29	16.23	7.39	11.32
Netherlands	2.46	5.05	11.98	49.68	35.77	16.96	38.22
Norway	-	-	0.51	1.10	4.59	5.79	12.06
Sweden	0.38	4.62	13.35	43.72	23.92	32.82	43.06
Switzerland	1.11	58.19	11.05	21.48	13.59	4.52	12.51
Others	0.21	0.14	0.84	1.99	4.85 (r)	2.13	1.04
<b>SOUTHERN EUROPE</b>	4.19	38.13	78.19	141.84	194.16 (r)	99.35	173.76
Greece	0.02	0.32	3.51	1.51	0.55	0.91	0.32
Italy	3.20	17.40	50.15	85.67	111.44	70.46	83.17
Portugal	**	0.05	0.06	0.39	1.21	0.52	2.27
Spain	0.76	16.15	11.37	26.78	21.26	10.33	19.35
Turkey	**	2.81	12.54	26.21	56.96	15.32	64.68
Others	0.21	1.40	0.56	1.28	2.74 (r)	1.81	3.97

**TABLE 13.14 DIRECTION OF IMPORT BY COUNTRY/REGION (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Country	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019 (p)
<b>EASTERN EUROPE</b>	5.81	10.91	45.58	86.42	154.80 (r)	64.22	114.43
Bulgaria	1.42	4.23	3.00	4.74	4.10	2.43	4.64
Czech Republic <sup>2/</sup>	0.03	0.01	0.57	3.11	7.84	2.66	7.04
Slovakia <sup>2/</sup>	-	-	-	1.27	1.73	0.44	1.31
Finland	**	0.02	0.07	2.07	4.64	4.38	11.33
Hungary	-	0.01	0.84	6.81	29.01	3.80	11.38
Poland	-	0.87	1.81	4.53	8.57	10.89	9.44
Romania	-	0.12	1.14	2.74	3.13	2.29	8.89
Russia	1.60	1.62	24.27	33.41	28.02	20.64	19.34
Others	2.76	4.03	13.88	27.74 (r)	67.76 (r)	16.69 (r)	41.06
<b>AFRICA</b>	1.04	3.27	24.31	30.23	59.12 (r)	10.15	47.91
South Africa	-	-	1.51	5.96	9.98 (r)	1.25	7.25
Tanzania	-	-	-	**	0.01	0.05	0.59
Morocco	0.05	**	1.44	4.74	4.05	0.15	0.64
Nigeria	**	-	0.07	0.87	0.97	0.66	3.30
Others	0.99	3.27	21.29	18.66	44.11 (r)	8.04	36.13
<b>OCEANIA</b>	35.11	88.71	101.48	144.55	183.62 (r)	81.50	169.70
Australia	27.65	75.60	76.03	121.14	149.00	62.63	134.17
New Zealand and other islands in the Pacific	7.46	13.11	25.45	23.41	34.62 (r)	18.87	35.53
<b>OTHERS</b>	1.69	3.98	3.75	19.60	8.85 (r)	4.46	3.82
Re-import	0.09	0.89	0.10	-	1.17	1.98	0.12
Country - unclassified	1.60	3.09	3.65	19.60	7.68 (r)	2.48	3.70

Notes : <sup>1/</sup>Data include border trade.<sup>2/</sup> On January, 1993, Czech and Slovak split into two independent countries: Slovakia and the Czech Republic.

\*\*Less than 0.005 Million US\$.

Sources : 1. Customs Department.

2. Department of Electric Power Planning.

3. Myanmar National Airlines.

4. Myanmar Airways International.

**TABLE 13.15 BALANCE OF PAYMENTS**

Years 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2015-2016			2016-2017		
	Receipts	Payments	Net (Receipt - Payment)	Receipts	Payments	Net (Receipt - Payment)
<b>1. Current Account</b>	20148987.4 (r)	24101476.3 (r)	-3952488.8 (r)	20793977.2 (r)	24418336.8 (r)	-3624359.7 (r)
Goods	11543014.3	16535937.7	-4992923.4	11910383.1	17623138.7	-5712755.6
Services	4472889.1 (r)	3179853.9 (r)	1293035.1 (r)	4580936.5 (r)	3086844.7 (r)	1494091.8 (r)
(1) Transport	468297.2	1766648.1	-1298350.9	232166.7 (r)	1759241.4 (r)	-1527074.7 (r)
(2) Travel	2655211.3	29442.5	2625768.8	2724281.0	73774.7	2650506.3
(3) Other Services	1349380.6 (r)	1383763.3 (r)	-34382.7 (r)	1624488.7 (r)	1253828.6 (r)	370660.1 (r)
Primary Income	1204894.8	3751885.8 (r)	-2546991.0 (r)	1197363.7	3241929.6 (r)	-2044565.9 (r)
Of which: Investment income	30909.5	3725601.5 (r)	-3694692.0 (r)	66721.4	3140181.7 (r)	-3073460.3 (r)
Secondary Income	2928189.3	633798.9	2294390.4	3105293.9 (r)	466423.8	2638870.1 (r)
Government	335230.7	-	335230.7	362868.2 (r)	-	362868.2 (r)
Other sectors & Personal Transfers	2592958.6	633798.9	1959159.8	2742425.7	466423.8	2276001.9
<b>2. Capital Account</b>	-	-	-	1294.0	-	1294.0
Of which: Contribution to int'l org.	-	-	-	-	-	-
<b>3. Financial Account : (= Assets - Liabilities)</b>	-	-	-4743314.7 (r)	-	-	-6157692.2 (r)
Assets (+ = net increase / - = net decrease)	-152960.4	-	-	-1856707.8	-	-
Of which: Currency & Deposits (assets)	-159241.5	-	-	-1859380.2	-	-
Liabilities (+ = net increase / - = net decrease)	-	4590354.3 (r)	-	-	4300984.4 (r)	-
Of which: Direct investment (liabilities)	-	4155886.5	-	-	4383146.7 (r)	-
Other investment (liabilities)	-	434578.9 (r)	-	-	-130321.1 (r)	-
Currency & Deposits (liabilities)	-	-370374.3	-	-	-517872.0	-
Loan (liabilities)	-	930155.2 (r)	-	-	553900.4 (r)	-
Allocation of SDRs	-	-	-	-	-	-
Net errors & omissions	-	-	-1336409.4 (r)	-	-	-2043854.4 (r)
<b>Overall Balance (Change in reserves , excluding valuation changes)</b>	-	-	-545583.6	-	-	490772.1

Note : Balance of Payments Statistics is compiled by Central Bank of Myanmar and has been migrated with Balance of Payment Manual 6<sup>th</sup> Edition-BPM-6.

**TABLE 13.15 BALANCE OF PAYMENTS (concl'd)**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2017-2018			2018 (Apr-Sep)			2018-2019		
	Receipts	Payments	Net (Receipt - Payment)	Receipts	Payments	Net (Receipt - Payment)	Receipts	Payments	Net (Receipt - Payment)
<b>1. Current Account</b>	24589904.7 (r)	29554301.9 (r)	-4964397.2 (r)	13664592.7 (r)	15940398.0 (r)	-2275805.3 (r)	32368045.1	31900848.3	467196.7
Goods	14158384.1	20533536.4	-6375152.4	7770606.1	11224420.1	-3453814.0	16039238.2	20601323.0	-4562084.8
Services	5461405.9 (r)	4193775.5 (r)	1267630.4 (r)	3094866.6 (r)	2454672.1 (r)	640194.4 (r)	9705091.1	5383280.6	4321810.5
(1) Transport	274404.6 (r)	1976488.7 (r)	-1702084.1 (r)	236714.1 (r)	1114630.0 (r)	-877915.9 (r)	577440.5	2385358.1	-1807917.6
(2) Travel	2525360.0	140328.4	2385031.6	953051.6	64835.0	888216.6	3794546.7	251470.5	3543076.2
(3) Other Services	2661641.3	2076958.5	584682.8	1905100.9	1275207.2	629893.8	5333103.9	2746452.0	2586651.9
Primary Income	1689668.4	4490536.5 (r)	-2800868.1 (r)	952647.6	1999164.7 (r)	-1046517.0 (r)	2250618.3	5353628.8	-3103010.5
Of which: Investment income	117002.8	4395064.7 (r)	-4278061.8 (r)	81907.7	1932215.4 (r)	-1850307.7 (r)	314145.2	5133616.0	-4819470.8
Secondary Income	3280446.4 (r)	336453.4	2943992.9 (r)	1846472.4 (r)	262141.1	1584331.3 (r)	4373097.5	562616.0	3810481.6
Government	219985.8 (r)	-	219985.8 (r)	106481.6 (r)	-	106481.6 (r)	662854.2	-	662854.2
Other sectors & Personal Transfers	3060460.5	336453.4	2724007.1	1739990.8	262141.1	1477849.7	3710243.3	562616.0	3147627.4
<b>2. Capital Account</b>	818.0	-	818.0	-	-	-	-	-	-
Of which: Contribution to intl org.	-	-	-	-	-	-	-	-	-
<b>3. Financial Account : (= Assets - Liabilities)</b>	-	-	-6878076.7 (r)	-	-	-1714071.5 (r)	-	-	-4173223.7
Assets (+ = net increase / - = net decrease)	-26206.0	-	-	-770006.3	-	-	689186.5	-	-
Of which: Currency & Deposits (assets)	-174193.1	-	-	-773177.5	-	-	734906.0	-	-
Liabilities (+ = net increase / - = net decrease)	-	6851870.7 (r)	-	-	944065.2 (r)	-	-	4862410.3	-
Of which: Direct investment (liabilities)	-	5657267.5 (r)	-	-	1276126.4 (r)	-	-	3260156.4	-
Other investment (liabilities)	-	1192083.0 (r)	-	-	-332061.2 (r)	-	-	1602253.8	-
Currency & Deposits (liabilities)	-	162646.2	-	-	-407512.1	-	-	107162.3	-
Loan (liabilities)	-	1032893.5 (r)	-	-	89719.2 (r)	-	-	1440265.7	-
Allocation of SDRs	-	-	-	-	-	-	-	-	-
Net errors & omissions	-	-	-1637713.3 (r)	-	-	538485.8 (r)	-	-	-4280497.2
<b>Overall Balance (Change in reserves , excluding valuation changes)</b>	-	-	276784.2	-	-	-23248.0	-	-	359923.3

Note : Balance of Payments Statistics is compiled by Central Bank of Myanmar and has been migrated with Balance of Payment Manual 6<sup>th</sup> Edition-BPM-6.

Source : Central Bank of Myanmar.

METHODOLOGY SHEET | **Foreign Investment of Permitted and Existing Enterprises**

<b>Responsible Unit (Service or Structure)</b>	Directorate of Hotels and Tourism, Directorate of Investment and Company Administration, Directorate of Trade
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Foreign Investment of Permitted and Existing Enterprises
<b>Classification Variables</b>	Registered Exporters, Importers, Limited Companies, Partnerships and Joint-venture Companies Limited. Foreign Investment of Permitted Enterprises by Sector, by Country, Form of Organization and States and Regions. Foreign Investment of Existing Enterprises by Sector and by Country
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Quarterly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Enterprises
<b>Tables</b>	13.16, 13.17, 13.18, 13.19, 13.20, 13.21, 13.22

**TABLE 13.16 NUMBERS OF REGISTERED EXPORTERS, IMPORTERS, LIMITED COMPANIES, PARTNERSHIPS AND JOINT-VENTURE COMPANIES LIMITED**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Enterprises	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)
<b>TOTAL</b>	<b>21452</b>	<b>30407</b>	<b>70612</b>	<b>80936</b>	<b>93935</b>	<b>23206</b>
Exporters	1591	1221	3528	4225	5595	3539
Importers						
Business Representatives	19	4	89	49	51	6
Myanmar Companies Limited	11269	20838	50149	55403	64510	3987
Partnership Firms	1270	1072	1072	1072	1072	
Foreign Companies and Branches	1239	1283	5256	6278	7518	431
Joint Venture Companies Limited (excluding those under Myanmar Investment Law)	59	65	85	69	70	-
(a) State Owned Economic Enterprises and Private Entrepreneurs	24	25	32	27	27	-
(b) State Owned Economic Enterprises and Foreign Companies	35	40	53	42	43	-
Joint Venture Companies Limited formed under Myanmar Investment Law	81	92	94	53	111	38
Other Organizations	41	42	121	151	180	19
Tourist Enterprises	678	687	2057	2429	2684	2712
Tourist Transport Business	442	209	518	2391	2564	2552
Hotel Business	438	555	993	1073	1175	1221
Lodging-House Business	168	150	342	406	453	483
Tour Guide Business	4157	4189	3939	4154	4503	4407
Regional Guide	-	-	2369	3183	3449	3811



**TABLE 13.16 NUMBERS OF REGISTERED EXPORTERS, IMPORTERS, LIMITED COMPANIES, PARTNERSHIPS AND JOINT-VENTURE COMPANIES LIMITED (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in millions

Enterprises	2018-2019
<b>TOTAL</b>	<b>35493</b>
Exporters } Importers }	5319
Business Representatives	14
<b>Type of Business Enterprises according to the Myanmar Company Law (2017)</b>	
Company Limited by Guarantee (Association)	78
Overseas Corporation	125
Private Company Limited by Guarantee	23
Private Company Limited by Shares	16141
Private Company Limited by Shares under the Special Company Act 1950	1
Public Company Limited by Shares	22
Public Company Limited by Shares under the Special Company Act 1950	-
Unlimited Companies	-
Tourist Enterprises	3050
Tourist Transport Business	-
Hotel Business	1351
Lodging-House Business	535
Tour Guide Business	4644
Regional Guide	4190

Sources : 1. Directorate of Hotels and Tourism.  
2. Directorate of Investment and Company Administration.  
3. Directorate of Trade.

**TABLE 13.17 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in millions

Sectors	2005-2006					2010-2011				
	No. of	Total	Local	Foreign		No. of	Total	Local	Foreign	
	Enter-prises	Invest-ment	(Kyat)	(Kyat)	(US\$)	Enter-prises	Invest-ment	(Kyat)	(Kyat)	(US\$)
<b>TOTAL</b>	<b>5</b>	<b>36394.05</b>	<b>-</b>	<b>36394.05</b>	<b>6065.68</b>	<b>24</b>	<b>119993.79</b>	<b>-</b>	<b>119993.79</b>	<b>19998.97</b>
Agriculture	-	-	-	-	-	3	832.50	-	832.50	138.75
Livestock and 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 and Communication	-	-	-	-	-	-	-	-	-	-
Hotel and Tourism	-	-	-	-	-	-	-	-	-	-
Real Estate Development	-	-	-	-	-	-	-	-	-	-
Industrial Estate	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Other Services	-	-	-	-	-	-	-	-	-	-

**TABLE 13.17 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in millions

Sectors	2015-2016					2016-2017				
	No. of	Total	Local	Foreign		No. of	Total	Local	Foreign	
	Enter-prises	Invest-ment	(Kyat)	(Kyat)	(US\$)	Enter-prises	Invest-ment	(Kyat)	(Kyat)	(US\$)
<b>TOTAL</b>	<b>215</b>	<b>10434735.30</b>	<b>-</b>	<b>10434735.30</b>	<b>9486.12</b>	<b>138</b>	<b>7979774.40</b>	<b>-</b>	<b>7979774.40</b>	<b>6649.81 *</b>
Agriculture	2	7898.00	-	7898.00	7.18	-	-	-	-	-
Livestock and Fishery	2	9075.00	-	9075.00	8.25	4	116013.60	-	116013.60	96.68 *
Mining	1	31815.30	-	31815.00	28.92	-	-	-	-	-
Oil and Gas	13	5299569.00	-	5299569.00	4817.79	-	-	-	-	-
Manufacturing	160	1176830.60	-	1176830.60	1069.85	97	1415416.80	-	1415416.80	1179.51 *
Power	2	396110.00	-	396110.00	360.10	3	1091859.60	-	1091859.60	909.88
Transport and Communication	6	2124095.60	-	2124095.60	1931.00	14	3697378.80	-	3697378.80	3081.15
Hotel and Tourism	6	317234.50	-	317234.50	288.40	5	484375.20	-	484375.20	403.65
Real Estate Development	7	801548.00	-	801548.00	728.68	3	897144.00	-	897144.00	747.62 *
Industrial Estate	1	11000.00	-	11000.00	10.00	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Other Services	15	259559.30	-	259559.30	235.96	12	277586.40	-	277586.40	231.32 *

**TABLE 13.17 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR (cont'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in millions

Sectors	2017-2018					2018 (Apr-Sep)							
	No. of	Total	Local	Foreign	No. of	Total	Local	Foreign	No. of	Total	Local	Foreign	
	Enter-prises	Invest-ment	(Kyat)	(Kyat)		(US\$)	Enter-prises	Invest-ment		(Kyat)	(Kyat)	(US\$)	(Kyat)
<b>TOTAL</b>	<b>222</b>	<b>7433511.80</b>	-	<b>7433511.80</b>	<b>5718.09 *</b>	<b>85</b>	<b>2382346.35</b>	-	<b>2382346.35</b>	<b>1764.71 *</b>			
Agriculture	7	174830.50	-	174830.50	134.49	2	14377.50	-	14377.50	10.65			
Livestock and Fishery	10	35959.30	-	35959.30	27.66	3	44489.25	-	44489.25	32.96 *			
Mining	-	1703.00	-	1703.00	1.31 *	-	8100.00	-	8100.00	6.00 *			
Oil and Gas	-	-	-	-	-	-	-	-	-	-			
Manufacturing	136	2299930.10	-	2299930.10	1769.18 *	60	954013.95	-	954013.95	706.68 *			
Power	5	527506.20	-	527506.20	405.77	1	125118.00	-	125118.00	92.68			
Transport and Communication	8	1172130.70	-	1172130.70	901.64 *	1	424113.30	-	424113.30	314.16 *			
Hotel and Tourism	5	229797.10	-	229797.10	176.77 *	2	12873.60	-	12873.60	9.54 *			
Real Estate Development	10	1640570.10	-	1640570.10	1261.98	4	378513.00	-	378513.00	280.38 *			
Industrial Estate	1	44248.10	-	44248.10	34.04 *	1	46549.35	-	46549.35	34.48 *			
Construction	-	-	-	-	-	-	-	-	-	-			
Other Services	40	1306836.70	-	1306836.70	1005.26 *	11	374198.40	-	374198.40	277.18 *			

**TABLE 13.17 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in millions

Sectors	2018-2019					Cumulative Total as of September 30, 2019							
	No. of	Total	Local	Foreign	No. of	Total	Local	Foreign	No. of	Total	Local	Foreign	
	Enter-prises	Invest-ment	(Kyat)	(Kyat)		(US\$)	Enter-prises	Invest-ment		(Kyat)	(Kyat)	(US\$)	(Kyat)
<b>TOTAL</b>	<b>282</b>	<b>5406016.20</b>	-	<b>5406016.20</b>	<b>4158.47</b>	<b>1837</b>	<b>88581065.84</b>	-	<b>88581065.84</b>	<b>81874.26</b>			
Agriculture	6	24854.70	-	24854.70	19.12	34	462837.98	-	462837.98	414.12			
Livestock and Fishery	14	203967.40	-	203967.40	156.90 *	66	864048.60	-	864048.60	766.33 *			
Mining	-	-	-	-	-	71	2853965.14	-	2853965.14	2904.92 *			
Oil and Gas	-	13265.20	-	13265.20	10.20 *	154	22553560.64	-	22553560.64	22420.57			
Manufacturing	225	1752172.50	-	1752172.50	1347.83 *	1156	13300736.50	-	13300736.50	11528.76 *			
Power	2	121264.00	-	121264.00	93.28	21	21551707.21	-	21551707.21	21178.13			
Transport and Communication	4	1999920.00	-	1999920.00	1538.40 *	60	13103180.76	-	13103180.76	10908.43 *			
Hotel and Tourism	7	107408.60	-	107408.60	82.62 *	82	3293458.50	-	3293458.50	3118.94 *			
Real Estate Development	4	274212.90	-	274212.90	210.93	57	6445590.58	-	6445590.58	5467.28 *			
Industrial Estate	1	62986.30	-	62986.30	48.45	7	386468.89	-	386468.89	320.08			
Construction	-	-	-	-	-	2	37011.66	-	37011.66	37.77			
Other Services	19	845964.60	-	845964.60	650.74 *	127	3728499.38	-	3728499.38	2808.94 *			

Note : \* Increased in investment value.

Source : Directorate of Investment and Company Administration.

**TABLE 13.18 FOREIGN INVESTMENT OF EXISTING ENTERPRISES BY SECTOR**  
Years 2015/2016-2018/2019, absolute values in millions

Sectors	2015-2016					2016-2017				
	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\$)
<b>TOTAL</b>	<b>211</b>	<b>7484819.10</b>	-	<b>7484819.10</b>	<b>6804.38</b>	<b>137</b>	<b>7978034.40</b>	-	<b>7978034.40</b>	<b>6649.81 *</b>
Agriculture	2	7898.00	-	7898.00	7.18	-	-	-	-	-
Livestock and Fishery	2	9075.00	-	9075.00	8.25	4	116013.60	-	116013.60	96.68 *
Mining	1	31815.30	-	31815.30	28.92	-	-	-	-	-
Oil and Gas	12	2436742.00	-	2436742.00	2215.22	-	-	-	-	-
Manufacturing	158	1167698.40	-	1167698.40	1061.54	96	1413676.80	-	1413676.80	1179.51 *
Power	2	396110.00	-	396110.00	360.10	3	1091859.60	-	1091859.60	909.88
Transport and Communication	5	2046138.60	-	2046138.60	1860.13	14	3697378.80	-	3697378.80	3081.15
Hotel and Tourism	6	317234.50	-	317234.50	288.40	5	484375.20	-	484375.20	403.65
Real Estate Development	7	801548.00	-	801548.00	728.68	3	897144.00	-	897144.00	747.62 *
Industrial Estate	1	11000.00	-	11000.00	10.00	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Other Services	15	259559.30	-	259559.30	235.96	12	277586.40	-	277586.40	231.32 *

**TABLE 13.18 FOREIGN INVESTMENT OF EXISTING ENTERPRISES BY SECTOR (cont'd)**  
Years 2015/2016-2018/2019, absolute values in millions

Sectors	2017-2018					2018 (Apr-Sep)				
	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\$)
<b>TOTAL</b>	<b>221</b>	<b>7429611.80</b>	-	<b>7429611.80</b>	<b>5715.09 *</b>	<b>85</b>	<b>2382346.35</b>	-	<b>2382346.35</b>	<b>1764.71 *</b>
Agriculture	7	174830.50	-	174830.50	134.49	2	14377.50	-	14377.50	10.65
Livestock and Fishery	10	35959.30	-	35959.30	27.66	3	44489.25	-	44489.25	32.96 *
Mining	-	1703.00	-	1703.00	1.31 *	-	8100.00	-	8100.00	6.00 *
Oil and Gas	-	-	-	-	-	-	-	-	-	-
Manufacturing	135	2296030.10	-	2296030.10	1766.18 *	60	954013.95	-	954013.95	706.68 *
Power	5	527506.20	-	527506.20	405.77	1	125118.00	-	125118.00	92.68
Transport and Communication	8	1172130.70	-	1172130.70	901.64 *	1	424113.30	-	424113.30	314.16 *
Hotel and Tourism	5	229797.10	-	229797.10	176.77 *	2	12873.60	-	12873.60	9.54 *
Real Estate Development	10	1640570.10	-	1640570.10	1261.98	4	378513.00	-	378513.00	280.38 *
Industrial Estate	1	44248.10	-	44248.10	34.04 *	1	46549.35	-	46549.35	34.48 *
Construction	-	-	-	-	-	-	-	-	-	-
Other Services	40	1306836.70	-	1306836.70	1005.26 *	11	374198.40	-	374198.40	277.18 *

**TABLE 13.18 FOREIGN INVESTMENT OF EXISTING ENTERPRISES BY SECTOR (concl'd)**  
Years 2015/2016-2018/2019, absolute values in millions

Sectors	2018-2019					Cumulative Total as of September 30, 2019				
	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\$)
<b>TOTAL</b>	<b>282</b>	<b>5406016.20</b>	-	<b>5406016.20</b>	<b>4158.47</b>	<b>1500</b>	-	-	-	<b>67171.29 *</b>
Agriculture	6	24854.70	-	24854.70	19.12	31	-	-	-	385.44
Livestock and Fishery	14	203967.40	-	203967.40	156.90 *	48	-	-	-	506.92 *
Mining						10	-	-	-	2359.93 *
Oil and Gas		13265.20	-	13265.20	10.20 *	86	-	-	-	18136.84 *
Manufacturing	225	1752172.50	-	1752172.50	1347.83 *	1036	-	-	-	9884.65 *
Power	2	121264.00	-	121264.00	93.28	20	-	-	-	15148.13
Transport and Communication	4	1999920.00	-	1999920.00	1538.40 *	49	-	-	-	10661.03 *
Hotel and Tourism	7	107408.60	-	107408.60	82.62 *	63	-	-	-	2720.37 *
Real Estate Development	4	274212.90	-	274212.90	210.93	42	-	-	-	4276.91 *
Industrial Estate	1	62986.30	-	62986.30	48.45	6	-	-	-	306.08
Construction	-	-	-	-	-	-	-	-	-	-
Other Services	19	845964.60	-	845964.60	650.74 *	109	-	-	-	2784.99 *

Note : \* Increased in investment value.

Source : Directorate of Investment and Company Administration.

**TABLE 13.19 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY/REGION**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Particulars	2005-2006		2010-2011		2015-2016	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
<b>TOTAL</b>	<b>5</b>	<b>6065.68</b>	<b>24</b>	<b>19998.97</b>	<b>215</b>	<b>9486.12 *</b>
Afghanistan	-	-	-	-	1	0.65
Australia	-	-	-	-	2	29.73
Austria	-	-	-	-	-	-
Bangladesh	-	-	-	-	1	2.36
Belize	-	-	-	-	-	-
Brunei Darussalam	-	-	-	-	6	26.48
Cambodia	-	-	-	-	-	-
Canada	1	0.70	-	-	-	1.28 *
China	-	-	3	8269.23	43	3323.85
Cook Islands	-	-	-	-	1	1.15
Cyprus	-	-	-	-	-	-
Denmark	-	-	-	-	-	-
France	-	-	-	-	-	-
Germany	-	-	-	-	-	-
China, Hong Kong SAR	-	-	6	5798.28	24	225.17
India	2	30.58	-	-	5	224.22
Indonesia	-	-	-	-	1	13.19
Ireland	-	-	-	-	-	-
Israel	-	-	-	-	-	-
Japan	-	-	-	7.14	25	219.79
The Republic of Korea	-	-	10	2676.40	14	128.09
Laos	-	-	-	-	-	-
Lebanon	-	-	-	-	-	-
Liberia	-	-	-	-	-	-
Luxembourg	-	-	-	-	1	0.40
China, Macau SAR	-	-	-	-	-	-
Malaysia	-	-	2	76.75	5	257.22
Marshall Islands	-	-	-	-	-	-
Mauritius	-	-	-	-	-	-
Netherlands	-	-	-	-	3	438.03
New Zealand	-	-	-	-	1	6.95
Norway	-	-	-	-	-	-
Panama	-	-	-	-	-	-
Philippines	-	-	-	-	-	-
Qatar	-	-	-	-	1	4.50
Russia Federation	-	-	-	-	-	-
Samoa	-	-	-	-	-	0.45 *
Seychelles	-	-	-	-	1	1.32
Singapore	-	-	1	226.17	56	4251.22
South Africa	-	-	-	-	1	1.31
Sri Lanka	-	-	-	-	-	-
Sweden	-	-	-	-	-	-
Switzerland	-	-	-	-	1	1.70
China (Taipei)	-	-	-	-	3	8.29
Thailand	2	6034.40	1	2146.00	12	236.17
United Arab Emirates	-	-	-	-	-	-
United Kingdom 1/	-	-	-	-	3	75.31
United States of America	-	-	1	799.00	1	2.61
Vietnam	-	-	-	-	3	4.68

**TABLE 13.19 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY/REGION (cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Particulars	2016-2017		2017-2018		2018 (Apr-Sep)	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
<b>TOTAL</b>	<b>138</b>	<b>6649.81 *</b>	<b>222</b>	<b>5718.09 *</b>	<b>85</b>	<b>1764.71 *</b>
Afghanistan	-	-	-	-	-	-
Australia	1	16.29	-	-	1	2.40
Austria	-	-	-	-	-	1.87 *
Bangladesh	1	1.08	1	1.50	-	-
Belize	1	0.81	-	-	-	-
Brunei Darussalam	3	18.03	2	8.07 *	-	3.36 *
Cambodia	2	1.68	-	-	1	22.50
Canada	1	5.15	1	1.36	-	-
China	38	482.59	65	1395.22	28	302.33 *
Cook Islands	-	-	-	-	-	-
Cyprus	-	-	-	-	-	-
Denmark	-	-	-	-	-	-
France	2	0.79	14	7.34	-	-
Germany	-	1.15	1	10.40	-	-
China, Hong Kong SAR	18	213.70	23	251.98 *	8	67.90 *
India	-	-	3	11.00 *	4	19.93
Indonesia	1	9.03	1	9.86 *	1	0.95
Ireland	1	6.95	-	1.10 *	-	-
Israel	-	-	-	-	-	-
Japan	6	60.42	12	384.12 *	5	134.62 *
The Republic of Korea	11	66.42	14	253.90 *	12	77.01 *
Laos	-	-	-	-	-	-
Lebanon	1	12.98	-	-	-	-
Liberia	-	-	-	-	-	-
Luxembourg	-	-	-	1.53 *	-	-
China, Macau SAR	-	-	1	3.64	-	-
Malaysia	2	21.39	6	21.88	1	7.34
Marshall Islands	-	6.51 *	1	1.00	-	-
Mauritius	-	-	-	-	-	-
Netherlands	1	5.00	6	533.92	-	-
New Zealand	-	-	-	-	-	-
Norway	-	-	-	6.00 *	-	-
Panama	-	-	-	-	-	-
Philippines	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia Federation	-	-	-	-	-	-
Samoa	1	22.06	1	38.64 *	-	42.04 *
Seychelles	1	2.98	1	8.18	1	4.05
Singapore	27	3820.76	42	2163.96 *	10	724.42 *
South Africa	-	-	-	-	-	-
Sri Lanka	-	-	-	1.25 *	-	-
Sweden	-	-	-	-	-	-
Switzerland	-	-	-	-	1	0.27
China (Taipei)	3	10.46	6	17.21	2	8.16
Thailand	10	423.06	11	123.86 *	3	64.60 *
United Arab Emirates	-	-	-	100.50 *	-	-
United Kingdom 1/	3	54.32	4	211.18	3	174.70
United States of America	-	-	2	128.68	1	55.90 *
Vietnam	3	1386.20	4	20.81 *	3	50.36

**TABLE 13.19 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY/REGION (concl'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million US\$

Particulars	2018-2019		Cumulative Total as of September 30, 2019	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
<b>TOTAL</b>	<b>282</b>	<b>4158.47</b>	<b>1837</b>	<b>81874.27</b>
Afghanistan	-	-	1	0.65
Australia	-	-	18	145.80
Austria	-	-	2	74.37
Bangladesh	-	-	5	7.89
Belize	-	-	1	0.81
Brunei Darussalam	-	10.23	23	112.65
Cambodia	-	-	3	24.18
Canada	-	-	20	203.59
China	140	634.58	402	20871.39
Cook Islands	-	-	1	1.15
Cyprus	-	-	1	5.25
Denmark	-	-	1	13.37
France	1	0.49	21	550.23
Germany	-	-	4	32.65
China, Hong Kong SAR	43	456.37	220	8331.76
India	1	5.00	31	768.57
Indonesia	-	-	16	274.53
Ireland	-	-	1	8.05
Israel	-	-	1	2.40
Italy	2	3.30	2	3.30
Japan	8	42.78	117	1213.46
The Republic of Korea	15	89.38	179	3975.81
Laos	-	-	1	0.88
Lebanon	-	1.04	1	14.02
Liberia	-	-	4	79.20
Luxembourg	-	-	3	47.28
China, Macau SAR	-	-	3	8.04
Malaysia	3	1.78	67	1962.54
Marshall Islands	-	0.35	2	12.36
Mauritius	-	-	3	39.58
Netherlands	3	32.40	24	1560.89
New Zealand	-	-	1	6.95
Norway	-	-	1	17.80
Panama	-	-	2	55.10
Philippines	-	-	3	147.17
Qatar	-	-	1	4.50
Russia Federation	-	-	2	94.00
Samoa	1	4.92	6	138.33
Seychelles	3	10.58	7	27.11
Singapore	25	2409.57	314	22140.63
South Africa	-	-	1	1.31
Sri Lanka	-	-	2	3.50
Sweden	-	-	1	2.05
Switzerland	1	16.84	6	47.20
China (Taipei)	12	81.17	31	131.55
Thailand	11	221.43	131	11327.44
United Arab Emirates	-	-	3	147.69
United Kingdom 1/	7	23.34	100	4538.95
United States of America	2	98.34	22	531.14
Vietnam	4	14.58	25	2165.20

Notes : 1/ Include British Virgin Islands & Bermuda Islands & Cayman Islands. Source : Directorate of Investment and Company Administration.

\* Increased in investment value.



**TABLE 13.20 FOREIGN INVESTMENT OF EXISTING ENTERPRISES BY COUNTRY/REGION**

Years 2015/2016-2018/2019, absolute values in Million US\$

Particulars	2015-2016		2016-2017		2017-2018	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
<b>TOTAL</b>	<b>211</b>	<b>6804.38 *</b>	<b>137</b>	<b>6649.81 *</b>	<b>221</b>	<b>5715.09 *</b>
Afghanistan	1	0.65	-	-	-	-
Australia	2	29.73	1	16.29	-	-
Austria	-	-	-	-	-	-
Bangladesh	1	2.36	1	1.08	1	1.50
Belize	-	-	1	0.81	-	-
Brunei Darussalam	6	26.48	3	18.03	2	8.07 *
Cambodia	-	-	2	1.67	-	-
Canada	-	1.28 *	1	5.15	1	1.36
China	42	721.28	38	482.59	65	1395.22
Cook Islands	1	1.15	-	-	-	-
France	-	-	2	0.79	14	7.34
Germany	-	-	-	1.15	1	10.40
China, Hong Kong SAR	23	224.37	17	213.70	23	251.98 *
India	5	224.22	-	-	3	11.00 *
Indonesia	1	13.19	1	9.03	1	9.86 *
Ireland	-	-	1	6.95	-	1.10 *
Japan	25	219.79	6	60.42	12	384.12 *
The Republic of Korea	14	128.09	11	66.42	14	253.90 *
Laos	-	-	-	-	-	-
Lebanon	-	-	1	12.98	-	-
Liberia	-	-	-	-	-	-
Luxembourg	1	0.40	-	-	-	1.53 *
China, Macau SAR	-	-	-	-	1	3.64
Malaysia	5	257.22	2	21.39	6	21.88
Marshall Islands	-	-	-	6.51 *	1	1.00
Mauritius	-	-	-	-	-	-
Netherlands	3	438.03	1	5.00	6	533.92
New Zealand	1	6.95	-	-	-	-
Norway	-	-	-	-	-	6.00 *
Panama	-	-	-	-	-	-
Philippines	-	-	-	-	-	-
Qatar	1	4.50	-	-	-	-
Russia Federation	-	-	-	-	-	-
Samoa	-	0.45 *	1	22.06	1	38.64 *
Seychelles	1	1.32	1	2.98	1	8.18
Singapore	54	4172.84	27	3820.76	42	2163.96 *
South Africa	1	1.31	-	-	-	-
Sri Lanka	-	-	-	-	-	1.25 *
Sweden	-	-	-	-	-	-
Switzerland	1	1.70	-	-	-	-
China (Taipei)	3	8.30	3	10.46	6	17.21
Thailand	12	236.17	10	423.06	10	120.86 *
United Arab Emirates	-	-	-	-	-	100.50 *
United Kingdom 1/	3	75.31	3	54.32	4	211.18
United States of America	1	2.61	-	-	2	128.68
Vietnam	3	4.68	3	1386.20	4	20.81 *

**TABLE 13.20 FOREIGN INVESTMENT OF EXISTING ENTERPRISES BY COUNTRY/REGION (concl'd)**  
Years 2015/2016-2018/2019, absolute values in Million US\$

Particulars	2018 (Apr-Sep)		2018-2019		Cumulative Total as of September 30, 2019	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
<b>TOTAL</b>	<b>85</b>	<b>1764.71 *</b>	<b>282</b>	<b>4158.47 *</b>	<b>1500</b>	<b>67171.29</b>
Afghanistan	-	-	-	-	1	0.65
Australia	1	2.40	-	-	5	69.54
Austria	-	1.87 *	-	-	1	2.87
Bangladesh	-	-	-	-	2	3.43
Belize	-	-	-	-	1	0.81
Brunei Darussalam	-	3.36 *	-	10.23 *	21	108.81
Cambodia	1	22.50	-	-	2	23.27
Canada	-	-	-	-	6	163.81
China	28	302.33 *	140	634.58 *	370	18049.61
Cook Islands	-	-	-	-	1	1.15
France	-	-	1	0.49	5	540.40
Germany	-	-	-	-	3	17.65
China, Hong Kong SAR	8	67.90 *	43	456.37 *	196	8207.59
India	4	19.93	1	5.00	28	757.07
Indonesia	1	0.95	-	-	7	55.23
Ireland	-	-	-	-	1	8.05
Italy	-	-	2	3.30	2	3.30
Japan	5	134.62 *	8	42.78 *	103	1092.08
The Republic of Korea	12	77.01 *	15	89.38 *	163	3901.88
Laos	-	-	-	-	1	0.88
Lebanon	-	-	-	1.04 *	1	14.02
Liberia	-	-	-	-	4	79.20
Luxembourg	-	-	-	-	3	47.28
China, Macau SAR	-	-	-	-	1	3.64
Malaysia	1	7.34	3	1.78 *	37	1127.27
Marshall Islands	-	-	-	0.35 *	2	12.36
Mauritius	-	-	-	-	3	39.58
Netherlands	-	-	3	32.40 *	21	1326.39
New Zealand	-	-	-	-	1	6.95
Norway	-	-	-	-	1	17.80
Panama	-	-	-	-	1	26.00
Philippines	-	-	-	-	2	7.17
Qatar	-	-	-	-	1	4.50
Russia Federation	-	-	-	-	2	94.00
Samoa	-	42.04 *	1	4.92 *	6	138.33
Seychelles	1	4.05	3	10.58 *	7	27.11
Singapore	10	724.42 *	25	2409.57 *	265	20625.17
South Africa	-	-	-	-	1	1.31
Sri Lanka	-	-	-	-	1	2.50
Sweden	-	-	-	-	1	2.05
Switzerland	1	0.27	1	16.84 *	5	43.81
China (Taipei)	2	8.16	12	81.18	31	131.55
Thailand	3	64.60 *	11	221.43 *	88	4177.92
United Arab Emirates	-	-	-	-	2	106.69
United Kingdom 1/	3	174.70 *	7	23.34 *	62	3647.82
United States of America	1	55.90	2	98.34	7	287.57
Vietnam	3	50.36	4	14.58	25	2165.20

Notes : 1/ Include British Virgin Islands & Bermuda Islands & Cayman Islands. Source : Directorate of Investment and Company Administration.

\* Increased in investment value.







**TABLE 13.21 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY FORM OF ORGANIZATION (concl'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in millions

Particulars	2018-2019				Cumulative Total as of September 30, 2019					
	No. of Enterprises	Total Investment	Local (Kyat)	Foreign (Kyat) (US\$)	No. of Enterprises	Total Investment	Local (Kyat)	Foreign (Kyat) (US\$)		
<b>TOTAL</b>	<b>282</b>	<b>5406016.20</b>	<b>-</b>	<b>5406016.20</b>	<b>4158.47</b>	<b>1500</b>	<b>77092371.84</b>	<b>-</b>	<b>77092371.84</b>	<b>67171.29</b>
Wholly	209	3304212.60	-	3304212.60	2541.70 *	855	19878822.39	-	19878822.39	16539.00 *
Foreign-owned	-	-	-	-	-	-	-	-	-	-
Joint Venture	73	2101803.60	-	2101803.60	1616.77 *	545	46769865.85	-	46769865.85	40733.23 *
(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	73	2101803.60	-	2101803.60	1616.77 *	498	23122426.65	-	23122426.65	16603.19 *
(e)Co-operative Society	-	-	-	-	-	1	2940.00	-	2940.00	3.00
(f)JV Corporation	-	-	-	-	-	1	15895.60	-	15895.60	16.22
(g)Myanmar Economic Corporation	-	-	-	-	-	-	-	-	-	-
Production	-	-	-	-	-	99	10352199.62	-	10352199.62	9864.77
Sharing Basis	-	-	-	-	-	-	-	-	-	-
Improved Petroleum Recovery Contract	-	-	-	-	-	1	91483.98	-	91483.98	34.30

Note : Terminate from wholly foreign-owned Source : Directorate of Investment and Company Administration.  
 Is No. of Enterprise (3) and amount  
 (86.636 US\$ in Millions) and joint venture  
 is No. of Enterprise (3) and amount (379.753 US\$ in Millions).

**TABLE 13.22 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY STATES AND REGIONS**

Years 2010/2011, 2015/2016-2018/2019, absolute values in millions

States and Regions	2010-2011		2015-2016		2016-2017		2017-2018		2018 (Apr-Sep)		2018-2019	
	No.of Enter- prises	Foreign Invest- ment	No.of Enter- prises	Foreign Invest- ment	No.of Enter- prises	Foreign Invest- ment	No.of Enter- prises	Foreign Invest- ment	No.of Enter- prises	Foreign Invest- ment	No.of Enter- prises	Foreign Invest- ment
<b>UNION</b>	<b>24</b>	<b>19998.97 *</b>	<b>215</b>	<b>9486.12 *</b>	<b>138</b>	<b>6649.81 *</b>	<b>222</b>	<b>5718.09 *</b>	<b>85</b>	<b>1764.71 *</b>	<b>282</b>	<b>4158.47 *</b>
Kachin State	2	8218.52	-	-	-	-	1	242.39	-	-	4	15.20
Kayah State	-	-	-	-	-	-	-	-	-	-	2	53.18
Kayin State	1	186.10	1	37.00	-	-	1	5.10	2	23.85	2	10.54
Chin State	-	-	-	-	-	-	-	-	-	-	-	-
Sagaing Region	3	1396.08	-	5.08 *	1	137.27	4	4.30	3	24.00	1	28.55 *
Taninthayi Region	7	320.05	9	3311.65	-	0.53 *	1	274.50 *	3	19.36	4	16.02
Bago Region	1	2.00	11	67.00	9	129.08 *	21	223.56 *	7	260.49 *	24	188.22 *
Magway Region	-	-	1	6.00	2	312.62	2	1.50	2	58.50 *	1	1.14
MandalayRegion	-	-	12	473.48	7	736.22 *	25	1146.76 *	6	206.48	15	528.98
Mon State	2	2945.00	3	336.60	-	0.60 *	9	478.46	1	1.15	5	170.87
Rakhine State	5	6866.90	5	1178.35	-	-	-	-	-	-	1	2.00
Yangon Region	3	64.32 *	161	3867.30 *	117	5296.83 *	143	3221.99 *	55	1094.94 *	208	3034.49 *
Shan State	-	-	3	154.00	1	6.67 *	4	11.89	1	8.65 *	6	56.24
Ayeyawady Region	-	-	7	42.16	1	29.99	8	78.54	4	34.09	6	13.67
Nay Pyi Taw	-	-	2	7.50	-	-	3	29.10	1	33.20	3	39.36

Note : \* Increased in investment value.

Source : Directorate of Investment and Company Administration.

METHODOLOGY SHEET | **Myanmar Citizens Investment of Permitted and Existing Enterprises**

<b>Responsible Unit (Service or Structure)</b>	Directorate of Investment and Company Administration
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Myanmar Citizens Investment of Permitted and Existing Enterprises
<b>Classification Variables</b>	Myanmar Citizens Investment of Permitted Enterprises by Sector, State and Region. Myanmar Citizens Investment of Existing Enterprises by Sector
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Quarterly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Enterprises
<b>Tables</b>	13.23, 13.24, 13.25

**TABLE 13.23 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR**  
Years 2010/2011, 2015/2016-2018/2019, absolute values in millions

Sectors	2010-2011			2015-2016			2016-2017		
	No. of Enter- prises	US\$	Total Investment (Kyat)	No. of Enter- prises	US\$	Total Investment (Kyat)	No. of Enter- prises	US\$	Total Investment (Kyat)
<b>TOTAL</b>	<b>63</b>	<b>1008.02</b>	<b>750930.77</b>	<b>151</b>	<b>3190.29 *</b>	<b>5933245.56 *</b>	<b>52</b>	<b>805.22 *</b>	<b>1604460.10 *</b>
Agriculture	-	-	-	-	-	-	2	0.37	1389.00
Livestock and Fishery	4	0.12	2567.84	3	10.13	28684.64	3	0.35	9915.69 *
Mining	1	1.60	250.00	10	76.58	123179.79	1	2.11 *	4651.23 *
Manufacturing	31	322.85	172857.33	60	725.29 *	1008970.70 *	14	59.31 *	93544.31 *
Power	4	205.42	238198.32	-	-	-	1	-36.56 **	7185.56
Transport and Communication	4	98.12	40024.45	10	1038.90	1328348.44	6	291.96	412934.49
Hotel and Tourism	2	13.00	46887.29	31	159.14	434670.81	10	49.05	132916.06 *
Real Estate Development	-	-	-	19	451.04	1518462.85	5	287.21 *	663005.98 *
Industrial Estate	-	-	-	5	5.23	260344.76	-	-	-
Construction	14	63.18	167570.33	4	11.91	67508.40	-	0.21 *	422.26 *
Other Services	3	303.73	82575.21	9	712.06	1163075.16	10	151.21	278495.52



**TABLE 13.23 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR (cont'd)**  
Years 2010/2011, 2015/2016-2018/2019, absolute values in millions

Sectors	2017-2018			2018 (Apr-Sep)		
	No.of Enter- prises	US\$	Total Investment (Kyat)	No.of Enter- prises	US\$	Total Investment (Kyat)
<b>TOTAL</b>	<b>119</b>	<b>1169.98 *</b>	<b>3978095.13 *</b>	<b>105</b>	<b>218.99 *</b>	<b>995402.01 *</b>
Agriculture	2	-	480.00	1	-	700.00
Livestock and Fishery	9	5.49	15018.52	4	22.56	69295.66
Mining	1	3.99	5836.17	1	2.93	25750.00 *
Manufacturing	42	181.21	460629.27 *	34	84.28 *	185916.08 *
Power	4	78.15	172267.32	3	6.67	17639.34
Transport and Communication	6	312.73	544573.48	1	2.48	5000.00
Hotel and Tourism	19	110.66	341609.65 *	25	11.43 *	129508.30 *
Real Estate Development	9	272.30	1506087.45	5	28.18	181888.53
Industrial Estate	2	-	287598.11	-	-	-
Construction	-	29.71 *	146100.36 *	-	-	-
Other Services	25	175.75 *	497894.80 *	31	60.47	379704.09 *

**TABLE 13.23 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR (concl'd)**  
Years 2010/2011, 2015/2016-2018/2019, absolute values in millions

Sectors	2018-2019			Cumulative Total as of September 30,2019		
	No.of Enter- prises	US\$	Total Investment (Kyat)	No.of Enter- prises	US\$	Total Investment (Kyat)
<b>TOTAL</b>	<b>169</b>	<b>473.29</b>	<b>1691332.08</b>	<b>1635</b>	<b>10429.70 *</b>	<b>19478270.14 *</b>
Agriculture	5	0.07	1854.01	16	52.40	53747.40
Livestock and Fishery	7	92.17	213381.38 *	90	234.99 *	366959.66 **
Mining	5	0.74 *	23816.39 *	71	121.13 *	197091.51 *
Manufacturing	67	151.65 *	406545.34 *	889	2791.77 *	3481305.72 *
Power	3	14.85 *	159360.49 *	20	478.91 **	805948.58 **
Transport and Communication	2	66.13 *	172294.45 *	52	2305.50 *	3006958.45 *
Hotel and Tourism	30	21.58 *	173231.40	178	790.17 *	2014402.49 *
Real Estate Development	9	9.56 *	172098.97 *	85	1254.38 *	4336958.45 *
Industrial Estate	1	10.88	36924.99	12	97.71	899828.90
Construction	-	-	-	68	506.83 **	1075183.12 **
Other Services	40	105.66 *	331824.66 *	154	1795.91 *	3239926.57 *

Notes : \* Increased in investment value.

\*\* Decreased in investment value.

Source : Directorate of Investment and Company Administration.

**TABLE 13.24 MYANMAR CITIZENS INVESTMENT OF EXISTING ENTERPRISES BY SECTOR**  
Years 2015/2016-2018/2019, absolute values in millions

Sectors	2015-2016			2016-2017			2017-2018		
	No. of Enter-prises	US\$	Total Investment (Kyat)	No. of Enter-prises	US\$	Total Investment (Kyat)	No. of Enter-prises	US\$	Total Investment (Kyat)
<b>TOTAL</b>	<b>146</b>	<b>2995.73 *</b>	<b>5633116.36 *</b>	<b>52</b>	<b>805.22 *</b>	<b>1604460.10 *</b>	<b>118</b>	<b>1056.48 *</b>	<b>3791846.13 *</b>
Agriculture	-	-	-	2	0.37	1389.00	2	-	480.00
Livestock and Fishery	2	9.79	27941.52	3	0.35 *	9915.69 *	9	5.49	15018.52
Mining	10	76.58	123179.79	1	2.11 *	4651.23 *	1	3.99	5836.17
Manufacturing	59	651.75 *	900970.70 *	14	59.31 *	93544.31 *	42	181.21	460629.27 *
Power	-	-	-	1	-36.56 **	7185.56	4	78.15	172267.32
Transport and Communication	9	978.57	1240737.86	6	291.96	412934.49	5	199.23	358324.48
Hotel and Tourism	31	159.14	434670.81	10	49.05	132916.06	19	110.66	341609.65 *
Real Estate Development	18	396.85	1435566.85	5	287.21 *	663005.98 *	9	272.30	1506087.45
Industrial Estate	5	5.23	260344.77	-	-	-	2	-	287598.11
Construction	3	5.76	46628.90	-	0.21 *	422.26 *	-	29.71 *	146100.36 *
Other Services	9	712.06	1163075.16	10	151.21	278495.52	25	175.75 *	497894.80 *

**TABLE 13.24 MYANMAR CITIZENS INVESTMENT OF EXISTING ENTERPRISES BY SECTOR (concl'd)**  
Years 2015/2016-2018/2019, absolute values in millions

Sectors	2018 (Apr-Sep)			2018-2019			Cumulative Total as of September 30, 2019		
	No. of Enter-prises	US\$	Total Investment (Kyat)	No. of Enter-prises	US\$	Total Investment (Kyat)	No. of Enter-prises	US\$	Total Investment (Kyat)
<b>TOTAL</b>	<b>105</b>	<b>218.99 *</b>	<b>995402.01 *</b>	<b>169</b>	<b>473.29</b>	<b>1691332.08</b>	<b>1313</b>	<b>9214.72 *</b>	<b>17769450.82 *</b>
Agriculture	1	-	700.00	5	0.07	1854.01	15	51.10 *	53650.97
Livestock and Fishery	4	22.56	69295.66	7	92.17	213381.38 *	77	228.69 *	363774.42 **
Mining	1	2.93	25750.00 *	5	0.74 *	23816.40 *	55	116.59 *	196286.07 *
Manufacturing	34	84.28 *	185916.08 *	67	151.65 *	406545.34 *	631	2382.51 *	2936508.11 *
Power	3	6.67	17639.34	3	14.85 *	159360.49 *	19	331.91 **	641048.58 *
Transport and Communication	1	2.48	5000.00	2	66.13 *	172294.45 *	46	2081.79 *	2635375.32 *
Hotel and Tourism	25	11.43 *	129508.30 *	30	21.58 *	173231.40	171	601.42 *	1765470.00 *
Real Estate Development	5	28.18	181888.53	9	9.56 *	172098.98 *	81	1187.12 *	4193422.45 *
Industrial Estate	-	-	-	1	10.88	36924.99	11	93.11	898816.11
Construction	-	-	-	-	-	-	56	349.02 **	860004.77 **
Other Services	31	60.47	379704.09 *	40	105.66 *	331824.66 *	151	1791.46 *	3225094.04 *

Notes : \* Increased in investment value.

\*\* Decreased in investment value.

Source : Directorate of Investment and Company Administration.

**TABLE 13.25 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY STATES AND REGIONS**  
Years 2010/2011, 2015/2016-2018/2019, absolute values in millions

States and Regions	2010-2011			2015-2016			2016-2017		
	No.of Enterprises	Total Investment (Kyat)	US\$	No.of Enterprises	Total Investment (Kyat)	US\$	No.of Enterprises	Total Investment (Kyat)	US\$
<b>UNION</b>	<b>63</b>	<b>750930.77</b>	<b>1008.02</b>	<b>151</b>	<b>5933245.56</b>	<b>3190.29</b>	<b>52</b>	<b>1604460.10 *</b>	<b>805.22 *</b>
Kachin State	2	30969.58	144.93	2	23279.50	8.15	-	-	-
Kayah State	1	104808.66	82.67	-	-	-	-	4185.56	-38.88 **
Kayin State	-	-	-	1	5335.00	-	2	4200.00	2.33
Chin State	-	-	-	-	-	-	-	-	-
Sagaing Region	1	2077.86	-	1	550.00	0.50	1	7782.26 *	5.29 *
Taninthayi Region	2	23500.88	64.98	8	57256.17	24.35	-	3500.00 *	0.08
Bago Region	4	131950.36	117.73	8	333980.20	20.64	1	1200.00	-
Magway Region	1	4100.00	4.67	-	-	-	-	-	-
Mandalay Region	10	114560.01	91.77	19	436431.61	210.78	11	940540.36 *	545.71 *
Mon State	4	17844.64	7.26	9	541120.02	503.13	3	5240.23 *	2.40
Rakhine State	1	8805.68	5.38	7	42343.15	10.31	2	19288.09	6.61
Yangon Region	26	183637.23	142.99	77	4183154.00	2342.75	26	555531.05 *	253.66 *
Shan State	4	45032.83	44.82	12	112066.66	18.33	6	57850.00	23.69
Ayeyawady Region	4	2567.84	0.12	4	101988.61	10.23	-	-	-
Nay Pyi Taw	3	81075.20	300.70	3	95740.65	41.13	-	5142.55 *	4.33 *

**TABLE 13.25 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY STATES AND REGIONS**  
(cont'd)

Years 2010/2011, 2015/2016-2018/2019, absolute values in millions

States and Regions	2017-2018			2018 (Apr-Sep)		
	No.of Enterprises	Total Investment (Kyat)	US\$	No.of Enterprises	Total Investment (Kyat)	US\$
<b>UNION</b>	<b>119</b>	<b>3978095.13 *</b>	<b>1169.98 *</b>	<b>105</b>	<b>995402.01 *</b>	<b>218.99 *</b>
Kachin State	2	4469.49	0.31	1	900.00	-
Kayah State	-	-	-	7	28400.00 *	-
Kayin State	1	4225.36	2.14	4	23510.03	3.27
Chin State	-	-	-	1	833.42	-
Sagaing Region	3	24601.05	0.65	12	8151.35	0.50
Taninthayi Region	8	9000.98	0.13	6	27318.54	6.33
Bago Region	4	319158.63 *	15.86 *	1	1143.25	0.39
Magway Region	9	5342.19 *	0.06	5	14782.64	8.11
Mandalay Region	20	2075379.25 *	501.81 *	15	39933.47	10.40
Mon State	7	97434.11	19.50	4	9267.33 *	4.17
Rakhine State	2	133842.00	72.72	-	-	-
Yangon Region	44	851139.37 *	363.01 *	28	718642.38 *	151.11 *
Shan State	4	211469.50 *	78.39 *	6	9565.40 *	3.04 *
Ayeyawady Region	10	128929.82	45.52	14	112240.28 *	31.47 *
Nay Pyi Taw	5	113103.38	69.89	1	713.92	0.21

**TABLE 13.25 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY STATES AND REGIONS (concl'd)**

Years 2010/2011, 2015/2016-2018/2019, absolute values in millions

States and Regions	2018-2019			Cumulative Total as of September 30 , 2019		
	No.of Enterprises	Total Investment (Kyat)	US\$	No.of Enterprises	Total Investment (Kyat)	US\$
<b>UNION</b>	<b>169</b>	<b>1691332.08 *</b>	<b>473.29 *</b>	<b>1313</b>	<b>17769450.82</b>	<b>-</b>
Kachin State	5	1946.33	0.36	19	23829.50 **	-
Kayah State	7	9050.00		17	218651.89 *	-
Kayin State	6	20577.18	2.27	20	61985.37 *	-
Chin State				1	833.42	-
Sagaing Region	22	39417.06	9.15	60	202297.08 *	-
Taninthayi Region	14	51994.75 *	3.06 *	69	288166.22 *	-
Bago Region	7	66388.76 *	18.18 *	45	1013318.56 *	-
Magway Region	8	4200.00 *		28	70623.23 *	-
Mandalay Region	16	321503.01 *	47.88 *	178	4280907.39 *	-
Mon State	11	125192.04 *	41.10	44	818463.46 *	-
Rakhine State	7	16307.31	0.31	27	252655.23 *	-
Yangon Region	48	488427.28 *	136.90 *	645	8128372.90 **	-
Shan State	4	174098.48 *	83.16 *	74	934507.89 *	-
Ayeyawady Region	13	365018.88 *	129.48 *	59	795751.14 **	-
Nay Pyi Taw	1	7211.00	1.44	27	679087.53 *	-

Notes : \* Increased in investment value.

\*\* Decreased in investment value.

Source : Directorate of Investment and Company Administration.

METHODOLOGY SHEET | **Thilawa Special Economic Zone, Investment of Permitted and Existing Enterprises**

<b>Responsible Unit (Service or Structure)</b>	Thilawa Special Economic Zone's Management Committee
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Investment of Permitted and Existing Enterprises, Thilawa SEZ
<b>Classification Variables</b>	Investment of Permitted / Existing Enterprises by Sector, Thilawa SEZ. Investment of Permitted /Existing Enterprises by Country, Thilawa SEZ
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Quarterly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Enterprises
<b>Tables</b>	13.26, 13.27

**TABLE 13.26 INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR, UNDER MYANMAR SPECIAL ECONOMIC ZONE LAW**

Years 2014/2015-2018/2019, absolute values in millions

Sectors	2014-2015		2015-2016		2016-2017		2017-2018	
	No. of Enterprises	Approved Amount	No. of Enterprises	Approved Amount	No. of Enterprises	Approved Amount	No. of Enterprises	Approved Amount
<b>TOTAL</b>	25	265.52	36	450.68 *	20	374.09 *	12	314.18 *
Hotel and Tourism	-	-	-	-	1	12.00	-	-
Logistic	1	8.52	7	61.25 *	-	8.00 *	-	-
Manufacturing	21	202.05	25	319.63 *	13	266.39 *	11	302.69 *
Real Estate	-	-	1	30.00 *	-	-	-	-
Services	2	41.04	-	-	2	15.00	-	-
Trading	1	13.91	3	39.80	4	72.70 *	1	11.49

**TABLE 13.26 INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR, UNDER MYANMAR SPECIAL ECONOMIC ZONE LAW (concl'd)**  
Years 2014/2015-2018/2019, absolute values in millions

Sectors	2018 (Apr-Sep)		2018-2019		Cumulative Total as of September 30, 2019	
	No. of Enterprises	Approved Amount	No. of Enterprises	Approved Amount	No. of Enterprises	Approved Amount
<b>TOTAL</b>	<b>4</b>	<b>139.70 *</b>	<b>16</b>	<b>318.51 *</b>	<b>113</b>	<b>1862.68</b>
Hotel and Tourism	-	-	-	-	1	12.00
Logistic	-	-	-	14.70 *	8	92.47
Manufacturing	4	139.70 *	15	273.91 *	89	1504.68
Real Estate	-	-	-	-	1	30.00
Services	-	-	1	3.10	5	59.14
Trading	-	-	-	26.80 *	9	164.70

Notes : \* Increased in investment value.

Source: Thilawa Special Economic Zone's Management Committee.

**TABLE 13.27 INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY/REGION, UNDER MYANMAR SPECIAL ECONOMIC ZONE LAW**  
Years 2014/2015-2018/2019, absolute values in Million US\$

Particulars	2014-2015		2015-2016		2016-2017	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
<b>TOTAL</b>	<b>25</b>	<b>265.52</b>	<b>36</b>	<b>450.68 *</b>	<b>20</b>	<b>374.09 *</b>
Australia	-	-	1	7.00	-	-
Austria	-	-	-	-	1	14.00
British Virgin Islands	-	-	-	-	-	-
Brunei Darussalam	-	-	1	5.00	-	-
China	1	2.80	-	-	-	9.20 *
France	-	-	-	-	-	-
China, Hong Kong SAR	5	43.65	-	-	-	8.00 *
Japan	10	109.92	14	154.91	3	69.60
The Republic of Korea	-	-	1	13.30	2	26.80
Malaysia	1	9.00	-	-	-	-
Myanmar	1	1.00	2	35.00	1	10.50
Netherland	-	-	-	-	-	-
Panama	1	13.91	-	-	-	-
Singapore	5	83.24	10	182.00	7	139.86
Switzerland	-	-	-	-	-	-
China (Taipei)	1	2.00	-	-	-	3.20 *
Thailand	-	-	5	33.21	5	92.10
United Arab Emirates	-	-	1	15.16 *	-	-
Vietnam	-	-	1	5.10	1	0.83

**TABLE 13.27 INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY/REGION,  
UNDER MYANMAR SPECIAL ECONOMIC ZONE LAW (cont'd)**  
Years 2014/2015-2018/2019, absolute values in Million US\$

Particulars	2017-2018		2018 (Apr-Sep)	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
<b>TOTAL</b>	<b>12</b>	<b>314.18 *</b>	<b>4</b>	<b>139.70 *</b>
Australia	-	-	-	-
Austria	-	1.35 *	-	-
British Virgin Islands	1	20.00	-	-
Brunei Darussalam	-	3.50 *	-	-
China	-	-	-	-
France	-	-	-	-
China, Hong Kong SAR	-	0.50 *	-	-
Japan	5	96.86	2	22.00
The Republic of Korea	1	23.50	-	-
Malaysia	-	6.93	-	-
Myanmar	-	8.20 *	-	-
Netherlands	1	1.40	-	-
Panama	-	-	-	-
Singapore	2	113.00	2	113.20
Switzerland	-	-	-	-
China (Taipei)	-	8.80 *	-	-
Thailand	2	24.49	-	4.50 *
United Arab Emirates	-	4.00 *	-	-
Vietnam	-	1.65 *	-	-

**TABLE 13.27 INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY/REGION,  
UNDER MYANMAR SPECIAL ECONOMIC ZONE LAW (cont'd)**  
Years 2014/2015-2018/2019, absolute values in Million US\$

Particulars	2018-2019		Cumulative Total as of September 30, 2019	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
<b>TOTAL</b>	<b>16</b>	<b>318.51 *</b>	<b>113</b>	<b>1862.68</b>
Australia	1	12.32 *	2	19.32
Austria	-	-	1	15.35
British Virgin Islands	-	-	1	20.00
Brunei Darussalam	-	-	1	8.50
China	-	-	1	12.00
France	1	3.70	1	3.70
China, Hong Kong SAR	1	7.00	6	59.15
Japan	5	221.20	39	674.49
The Republic of Korea	2	33.00	6	96.60
Malaysia	-	-	1	15.93
Myanmar	-	-	4	54.70
Netherland	-	-	1	1.40
Panama	-	-	1	13.91
Singapore	1	17.16	27	648.46
Switzerland	1	3.00	1	3.00
China (Taipei)	-	1.36 *	1	15.36
Thailand	4	19.77	16	174.07
United Arab Emirates	-	-	1	19.16
Vietnam	-	-	2	7.58

Notes : \* Increased in investment value.

Source : Thilawa Special Economic Zone's Management Committee.



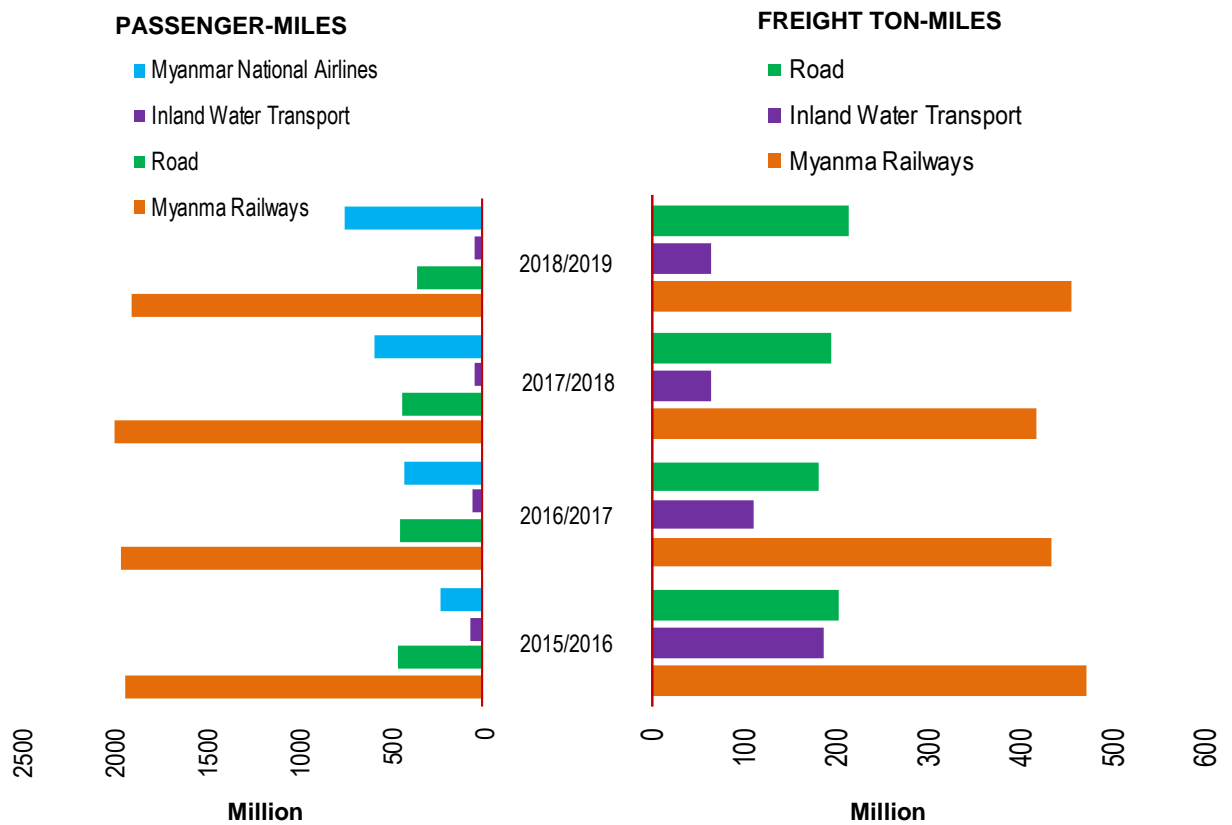


# 14

## Transport and Communications

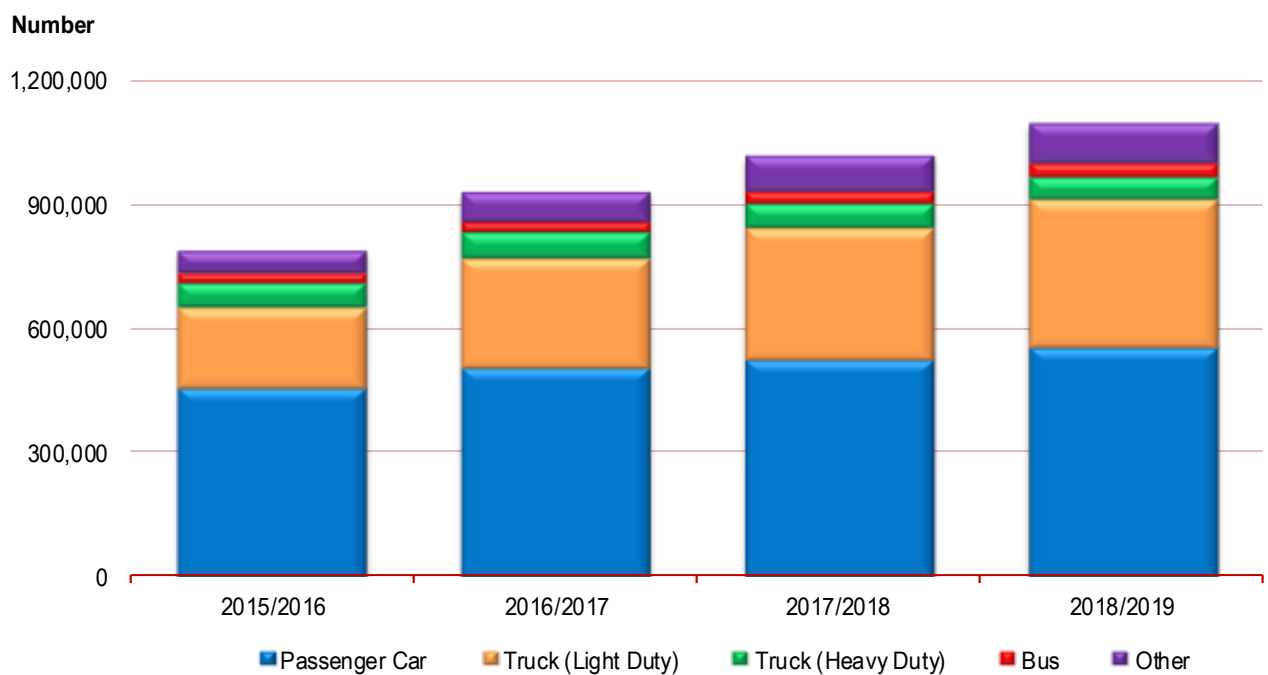
In 2018-2019, there were **57,998 thousand passenger journeys** on **public transportation**, travelling a total of **3,041,325 thousand passenger-miles**. | The **railway network** stretched around **3,798 miles**. | The total number of **private civil flights** was **28,318**. | The Myanmar **road network** totaled **82,238 miles**. | **7,420,952 motor vehicles** were registered in 2018-2019. | **Arrivals of vessels** by gross tonnage were **23,695 thousand tons**. | In 2018-2019, **522,760 fixed phones** and **73,659,541 mobile phones** were used.

**FIGURE 14.1 VOLUME OF PASSENGERS AND FREIGHT CARRIED BY TYPES OF PUBLIC TRANSPORT**



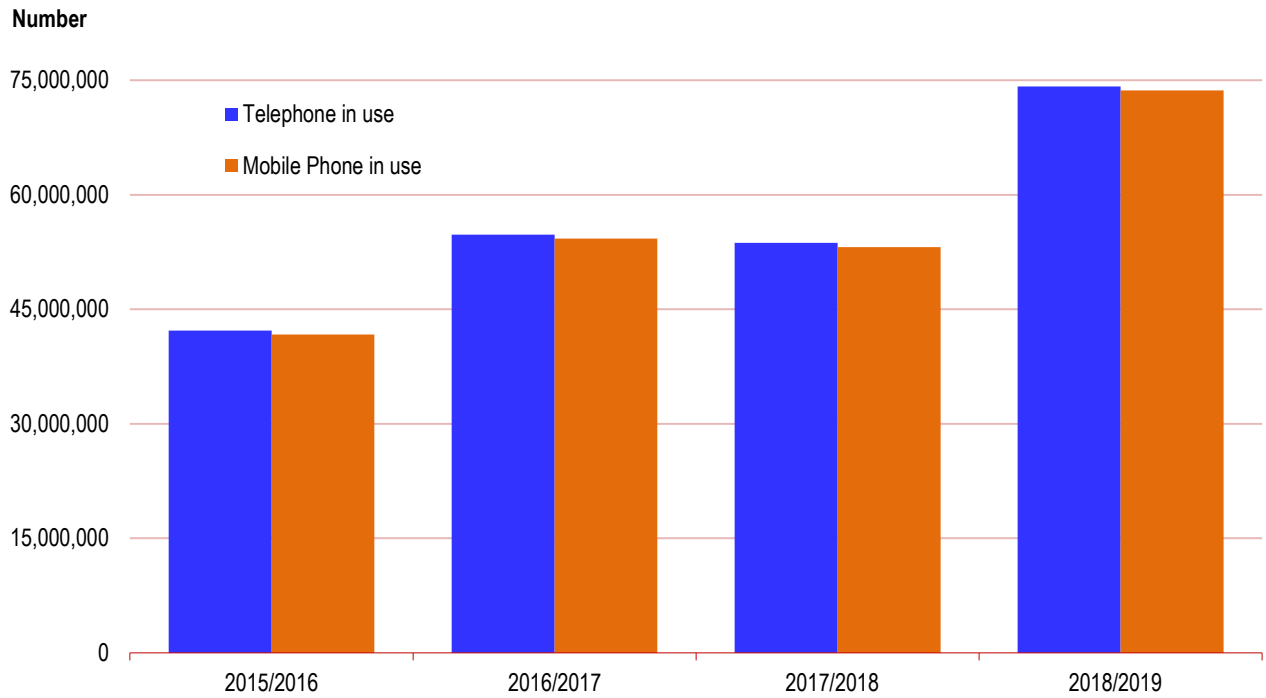
Source : Ministry of Transport and Communications

**FIGURE 14.2 REGISTERED MOTOR VEHICLES BY TYPE IN YANGON AND OTHER AREAS**



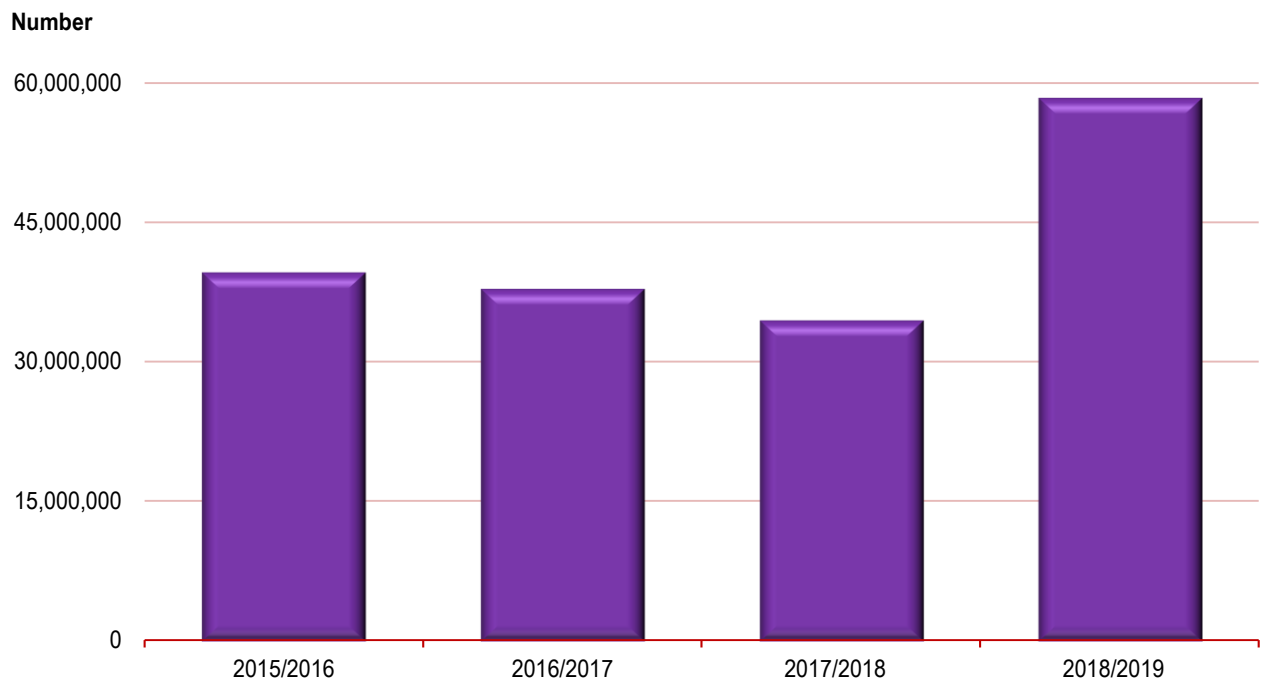
Source : Department of Road Transport Administration

**FIGURE 14.3 COMMUNICATIONS STATISTICS**



Source : Ministry of Transport and Communications

**FIGURE 14.4 COMMUNICATIONS STATISTICS (NUMBER OF INTERNET USERS)**



Source : Ministry of Transport and Communications

## TRANSPORT AND COMMUNICATIONS

### METHODOLOGY SHEET | Transportation

<b>Responsible Unit (Service or Structure)</b>	Ministry of Transport and Communications, Private Airlines
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Railways, Road, Waterways, Airways, Private Airlines
<b>Classification Variables</b>	Passengers, Passenger-miles, Freight ton, Freight ton-miles, Earnings from Passengers, Goods and Others, Flights, Aircrafts, Aircraft hours flown, Aerodromes, Airports, Miles Flown, Scheduled Revenue, Non-scheduled Revenue, All Weather, Seasonal, Domestic Airports, International Airports
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Passengers, Freight
<b>Tables</b>	14.01, 14.02, 14.03, 14.04, 14.05, 14.06, 14.07, 14.08, 14.09

**TABLE 14.01 VOLUME OF PASSENGERS CARRIED BY TYPES OF PUBLIC TRANSPORT**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Year	Total	Type of Transport			
		Railways	Road	Waterways	Airways
<b>Passengers</b>					
2005-2006	132476	69277	37626	25345	228
2010-2011	128035	67650	32477	27565	343
2015-2016	66908	42045	13027	11239	597
2016-2017	68397	44264	12785	10324	1024
2017-2018	70630	46533	12694	10024	1379
2018 (Apr-Sep)	31080	21176	4172	4987	745
2018-2019	57998	36868	8951	10405	1774
<b>Passenger-miles</b>					
2005-2006	5034437	2968785	1403683	588833	73136
2010-2011	5654421	3328720	1317920	902208	105573
2015-2016	2670780	1946980	451505	54539	217756
2016-2017	2868024	1965896	440623	44863	416642
2017-2018	3055684	1997659	436237	41092	580696
2018 (Apr-Sep)	1401299	897407	181453	18598	303841
2018-2019	3041325	1904888	351410	38141	746886

Sources : 1. Myanma Railways.  
 2. Road Transport.  
 3. Inland Water Transport.  
 4. Myanmar National Airlines.

**TABLE 14.02 VOLUME OF FREIGHT CARRIED BY TYPES OF PUBLIC TRANSPORT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Year	Type of Transport			
	Railways	Road	Waterways	Airways
	<b>Freight ton</b>			
	<b>Long-ton</b>	<b>Long-ton</b>	<b>Long-ton</b>	<b>Short-ton</b>
2005-2006	2879	2349	4262	0.90
2010-2011	3408	2421	4786	0.50
2015-2016	1983	1197	1375	0.83
2016-2017	1743	1078	951	1.00
2017-2018	1799	1139	673	1.25
2018 (Apr-Sep)	944	577	374	0.70
2018-2019	1935	1239	1100	2.54
	<b>Freight ton-miles (Ton-miles)</b>			
2005-2006	570124	271079	455175	294
2010-2011	697848	315780	753689	153
2015-2016	475620	203052	187806	318
2016-2017	437167	183525	110193	396
2017-2018	421198	197092	63713	625
2018 (Apr-Sep)	225447	98451	30853	370
2018-2019	457634	215121	64595	1336

Sources : 1. Myanma Railways.  
 2. Road Transport.  
 3. Inland Water Transport.  
 4. Myanmar National Airlines.

**TABLE 14.03 PRIVATE ROAD TRANSPORT STATISTICS**

Years 2015/2016-2018/2019, absolute values

Year	Passengers (thousand)	Passenger-miles (thousand)	Freight-ton (thousand)	Freight-ton miles (thousand)	Gross Earnings (Million Kyats)
2015-2016	761121.36	68699865.62	288816.28	4304732.49	5981524.46
2016-2017	316160.09	15613554.98	59772.01	5243862.79	6081644.13
2017-2018	358642.76	31717806.05	134497.14	23734145.15	6836568.77
2018 (Apr-Sep)	51120.76 (r)	8278549.73 (r)	12850.01 (r)	2358425.98 (r)	1419248.73 (r)
2018-2019	102102.23	16102736.48	29231.57	8030590.40	3935949.66

Source : Department of Road Transport Administration.

**TABLE 14.04 VOLUME OF PASSENGERS CARRIED BY PRIVATE AIR TRANSPORT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Year	Total	Of which				
		Myanmar Airways International	Air Bagan Limited	Air Mandalay Limited	Air Thanlwin Limited	Air KBZ Limited
<b>Passengers</b>						
2005-2006	645	158	85	239	163	-
2010-2011	903	276	327	152	148	-
2015-2016	1988 (r)	296 (r)	68	41	259	453
2016-2017	2022	288	-	58	266	679
2017-2018	1830	299	-	36	249	673
2018 (Apr-Sep)	645	121	-	-	89	237
2018-2019	1709	255	-	-	259	641
<b>Passenger-miles</b>						
2005-2006	229002	110975	22788	57514	37725	-
2010-2011	343994	207086	71954	32343	32611	-
2015-2016	1717502 (r)	237687 (r)	15288	12813	63504	1187292
2016-2017	2509830	200622	-	22821	51454	2072524
2017-2018	1581336	212461	-	14313	51242	1182366
2018 (Apr-Sep)	715123	87321	-	-	21201	56360
2018-2019	4140150	180459	-	-	62086	3192355

**TABLE 14.04 VOLUME OF PASSENGERS CARRIED BY PRIVATE AIR TRANSPORT (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Year	Of which				
	Asian Wings Airways	Mann Yadanarpon	Golden Myanmar	FMI Air Limited	Apex Airlines
<b>Passengers</b>					
2005-2006	-	-	-	-	-
2010-2011	-	-	-	-	-
2015-2016	182	224	309	56	100
2016-2017	126	213	219	70	103
2017-2018	85	198	290	-	-
2018 (Apr-Sep)	14	53	131	-	-
2018-2019	-	241	313	-	-
<b>Passenger-miles</b>					
2005-2006	-	-	-	-	-
2010-2011	-	-	-	-	-
2015-2016	42600	42000	89898	-	26420
2016-2017	30339	42000	60860	-	29210
2017-2018	20556	41000	59398	-	-
2018 (Apr-Sep)	3247	11827	27924	-	-
2018-2019	-	55381	649869	-	-

Note : Air Bagan Limited, Air Mandalay Limited, Asian Wings Airways, FMI Air Limited and Apex Airlines have been closed.

Sources : 1. Myanmar Airways International.  
2. Air Bagan Limited .  
3. Air Mandalay Limited.  
4. Air Thanlwin Limited.  
5. Air KBZ Limited.  
6. Asian Wings Airways.  
7. Mann Yadanarpon Airlines.  
8. Golden Myanmar Airlines.  
9. FMI Air Limited.  
10. Apex Airlines.



**TABLE 14.05 VOLUME OF FREIGHT CARRIED BY PRIVATE AIR TRANSPORT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Year	Total	Of which				
		Myanmar Airways International	Air Bagan Limited	Air Mandalay Limited	Air Thanlwin Limited	Air KBZ Limited
<b>Freight-ton (Short-ton)</b>						
2005-2006	1.074	1.000	0.006	0.030	0.038	-
2010-2011	2.662	2.546	0.064	0.023	0.029	-
2015-2016	2.657 (r)	2.142 (r)	0.032	0.028	0.052	0.035
2016-2017	4.922 (r)	4.526	-	0.016	0.044	0.033
2017-2018	4.263	4.009	-	0.011	0.017	0.034
2018 (Apr-Sep)	2.013	1.932	-	-	0.003	0.005
2018-2019	3.376	3.069	-	-	0.002	0.180
<b>Freight ton-miles (Ton-miles)</b>						
2005-2006	629.307	609	2	8	10.307	-
2010-2011	1430.551	1401	17	5	7.551	-
2015-2016	9823.614 (r)	1400 (r)	7	9	10.405	7898.166
2016-2017	11773.835	1810	-	6	6.779	9723.958
2017-2018	8623.077	2588	-	4	3.096	6000.900
2018 (Apr-Sep)	2776.869	1246	-	-	0.727	1520.000
2018-2019	9951.588	1945	-	-	0.670	7980.000

**TABLE 14.05 VOLUME OF FREIGHT CARRIED BY PRIVATE AIR TRANSPORT (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Year	Of which				
	Asian Wings Airways	Mann Yadanarpon	Golden Myanmar	FMI Air Limited	Apex Airlines
<b>Freight-ton (Short-ton)</b>					
2005-2006	-	-	-	-	-
2010-2011	-	-	-	-	-
2015-2016	0.025	0.079	0.180	-	0.084
2016-2017	0.014	0.029	0.177	-	0.083
2017-2018	0.042	-	0.150	-	-
2018 (Apr-Sep)	0.014	-	0.059	-	-
2018-2019	-	-	0.125	-	-
<b>Freight ton-miles (Ton-miles)</b>					
2005-2006	-	-	-	-	-
2010-2011	-	-	-	-	-
2015-2016	9.661	431.066	36.619	-	21.697
2016-2017	4.207	136.820	63.686	-	22.385
2017-2018	9.796	-	17.285	-	-
2018 (Apr-Sep)	3.125	-	7.017	-	-
2018-2019	-	-	25.918	-	-

Note : Air Bagan Limited, Air Mandalay Limited, Asian Wings Airways, FMI Air Limited and Apex Airlines have been closed.

Sources : 1. Myanmar Airways International.  
2. Air Bagan Limited .  
3. Air Mandalay Limited.  
4. Air Thanlwin Limited.  
5. Air KBZ Limited.  
6. Asian Wings Airways.  
7. Mann Yadanarpon Airlines.  
8. Golden Myanmar Airlines.  
9. FMI Air Limited.  
10. Apex Airlines.

**TABLE 14.06 EARNINGS FROM PRINCIPAL MEANS OF PUBLIC TRANSPORT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>RAILWAYS</b>							
Earnings from							
Passengers	15747.89	20639.34	31818.08	30211.74	30746.82	14061.41	31661.07
Goods	5214.64	8288.01	17653.32	15545.72	12112.39	6101.20	13335.78
Others	1695.27	4237.27	20809.45	18447.24	14815.33	9883.88	19800.40
Total	22657.80	33164.63	70280.85	64204.70	57674.54	30046.49	64797.24
<b>AIRWAYS</b>							
Earnings from							
Passengers	3522.52	13470.73	49535.70	93757.50	131012.42	65322.20	165768.07
Goods	178.12	1527.33	1529.78	1522.70	1471.85	750.70	1778.38
Others	91.29	338.49	14968.58	19620.50	21266.95	8303.20	17653.29
Total	3791.93	15336.55	66034.06	114900.70	153751.22	74376.10	185199.73
<b>INLAND WATERWAYS</b>							
Earnings from							
Passengers	1636.08	1264.08	1551.73 (r)	1291.60 (r)	1470.78	668.06	1402.87
Goods	2421.63	6063.58	4517.50	3086.39 (r)	2091.94	1003.01	2979.72
Others	48.40	412.41 (r)	2272.61	1858.74 (r)	1377.53	458.77	779.40
Total	4106.11	7740.07 (r)	8341.84	6236.73 (r)	4940.25	2129.84	5161.99
<b>ROAD</b>							
Earnings from							
Passengers	994.42	1458.78	607.35	1350.90	1316.70	639.39	1175.38
Goods	2428.53	5470.05	3153.56	2139.38	1974.85	866.84	1879.53
Others	312.33	559.30	5856.59	4093.84	5275.68	2357.87	4745.65
Total	3735.28	7488.13	9617.50	7584.12	8567.23	3864.10	7800.56

Sources : 1. Myanma Railways.  
2. Myanmar National Airlines.  
3. Inland WaterTransport.  
4. Road Transport.

**TABLE 14.07 EARNINGS FROM PRINCIPAL MEANS OF PRIVATE AIR TRANSPORT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Millions

Particular	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Myanmar Airways								
International								
Earnings From								
Passengers	Ks	-	-	60091 (r)	32907 (r)	-	-	34907
	US\$	16.06	0.85	57.85 (r)	25.96	25.21	9.84	22.32
Goods	Ks	-	-	1803 (r)	3010 (r)	-	-	3657
	US\$	0.83	0.06	1.81	2.38	3.03	1.47	2.33
Others	Ks	-	-	-	-	-	-	-
	US\$	-	-	-	-	-	-	-
Total	Ks	-	-	61894 (r)	35917 (r)	-	-	38564
	US\$	16.89	0.91	59.66 (r)	28.34	28.24	11.31	24.65
Air Bagan Limited								
Earnings From								
Passengers	Ks	4243.00	11539.00	4149.00	-	-	-	-
	US\$	-	-	-	-	-	-	-
Goods	Ks	6.00	69.00	30.00	-	-	-	-
	US\$	-	-	-	-	-	-	-
Others	Ks	93.00	4090.00	77.00	-	-	-	-
	US\$	-	-	-	-	-	-	-
Total	Ks	4342.00	15698.00	4256.00	-	-	-	-
	US\$	-	-	-	-	-	-	-
Air Mandalay Limited								
Earnings From								
Passengers	Ks	-	-	-	-	-	-	-
	US\$	11.98	8.81	2.38	3.27	1.88	-	-
Goods	Ks	-	-	-	-	-	-	-
	US\$	0.04	0.03	0.03	0.01	0.02	-	-
Others	Ks	-	-	-	-	-	-	-
	US\$	0.07	0.02	0.02	0.60	-	-	-
Total	Ks	-	-	-	-	-	-	-
	US\$	12.09	8.86	2.43	3.88	1.90	-	-
Air Thanlwin Limited								
Earnings From								
Passengers	Ks	3265.33	4908.49	8065.81	6338.18	6326.70	3131.35	11792.73
	US\$	3.07	3.47	3.59	4.26	2.13	0.29	2.47
Goods	Ks	39.29	81.74	139.56	119.33	86.93	27.84	60.96
	US\$	0.01	0.00	0.01	0.00	0.00	-	0.00
Others	Ks	33.55	60.10	23.19	13.57	136.60	35.28	291.78
	US\$	0.13	0.12	0.04	0.02	0.03	-	0.04
Total	Ks	3338.17	5050.33	8228.56	6471.07	6550.23	3194.46	12145.47
	US\$	3.20	3.60	3.64	4.29	2.16	0.29	2.51

**TABLE 14.07 EARNINGS FROM PRINCIPAL MEANS OF PRIVATE AIR TRANSPORT (cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Millions

Particular	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
Air KBZ Limited								
Earnings From								
Passengers	Ks	-	-	823.30	1900.42	12660.00	20125.52	63051.50
	US\$	-	-	23.51	29.67	30.00	-	46.70
Goods	Ks	-	-	81.11	68.32	91.00	22.23	22.23
	US\$	-	-	0.01	0.01	-	-	1.07
Others	Ks	-	-	45.20	62.04	57.00	1416.56	1416.56
	US\$	-	-	-	-	-	-	-
Total	Ks	-	-	949.61	2030.78	12808.00	21564.31	64490.26
	US\$	-	-	23.52	29.68	30.00	-	47.77
Asian Wings Airways								
Earnings From								
Passengers	Ks	-	-	3796.10	5179.72	3983.61	777.32	-
	US\$	-	-	8.83	2.19	0.79	0.13	-
Goods	Ks	-	-	41.04	20.01	48.18	13.38	-
	US\$	-	-	0.002	0.001	0.001	-	-
Others	Ks	-	-	18.39	70.64	53.21	9.83	-
	US\$	-	-	0.08	0.11	0.04	-	-
Total	Ks	-	-	3855.53	5270.37	4084.99	800.53	-
	US\$	-	-	8.91	2.31	0.83	0.14	-
Mann Yadanarpon Airlines								
Earnings From								
Passengers	Ks	-	-	12310.00	11740.00	10908.00	2897.00	13231.00
	US\$	-	-	-	-	-	-	-
Goods	Ks	-	-	3.00	2.00	2.00	1.00	2.00
	US\$	-	-	-	-	-	-	-
Others	Ks	-	-	2.00	2.00	1.00	1.00	1.00
	US\$	-	-	-	-	-	-	-
Total	Ks	-	-	12315.00	11744.00	10911.00	2899.00	13234.00
	US\$	-	-	-	-	-	-	-
Golden Myanmar								
Earnings From								
Passengers	Ks	-	-	8036.18	7984.78	21417.69	3935.76	13479.25
	US\$	-	-	3.92	-	-	-	-
Goods	Ks	-	-	30.84	158.37	133.41	62.24	94.71
	US\$	-	-	0.01	-	-	-	-
Others	Ks	-	-	41.28	82.80	1896.42	2174.47	1692.58
	US\$	-	-	4.49	0.92	-	-	-
Total	Ks	-	-	8108.30	8225.95	23447.52	6172.47	15266.54
	US\$	-	-	8.42	0.92	-	-	-

**TABLE 14.07 EARNINGS FROM PRINCIPAL MEANS OF PRIVATE AIR TRANSPORT (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Millions

Particular	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
FMI Air Limited								
Earnings From								
Passengers	Ks	-	-	6474.31	8506.47	-	-	-
	US\$	-	-	-	-	-	-	-
Goods	Ks	-	-	-	-	-	-	-
	US\$	-	-	-	-	-	-	-
Others	Ks	-	-	233.77	91.97	-	-	-
	US\$	-	-	-	-	-	-	-
Total	Ks	-	-	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	-	-	-

Note : Air Bagan Limited, Air Mandalay Limited, Asian Wings Airways, FMI Air Limited and Apex Airlines have been closed.

Sources : 1. Myanmar Airways International.  
2. Air Bagan Limited.  
3. Air Mandalay Limited.  
4. Air Thanlwin Limited.  
5. Air KBZ Limited.  
6. Asian Wings Airways.  
7. Mann Yadanarpon Airlines.  
8. Golden Myanmar Airlines.  
9. FMI Air Limited.  
10. Apex Airlines.

**TABLE 14.08 CIVIL AVIATION STATISTICS (PUBLIC)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>FLIGHT</b>							
Total Flights							
a. Number of flights	2219	2527	5537	7584	8349	4500	26018
b. Miles flown (000)	1792	2222	4274 (r)	6639	8251	4184	746886
Charter Flights							
a. Number of flights	201	229	305	422	327	52	325
b. Miles flown (000)	150	161	248	331	349	68	4800
Internal							
a. Number of flights	201	229	305	422	239	47	290
b. Miles flown (000)	150	161	248	331	191	56	2081
External							
a. Number of flights	-	-	-	-	88	5	35
b. Miles flown (000)	-	-	-	-	158	12	2719
Scheduled Flights							
a. Number of flights	2018	2298	5232	7162	8022	4448	25693
b. Miles flown (000)	1642	2061	4026	6308	7902	4116	742085
Internal							
a. Number of flights	2018	2298	4909	5758	6272	2949	21693
b. Miles flown (000)	1642	2061	3325 (r)	4095 (r)	4820	2586	399318
External							
a. Number of flights	-	-	323	1404	1750	1499	4000
b. Miles flown (000)	-	-	701	2213	3082	1530	342767
<b>NUMBER OF AIRCRAFTS</b>	13	9	16	18	19	19	21
<b>AIRCRAFT HOURS FLOWN</b>	8728	12537	15801	22287	25705	12447	27625
a. Scheduled Revenue	8385	11812	14835	21780	25368	11709	27229
b. Non-scheduled Revenue	343	725	966	507	337	737	396
c. Test hour	-	-	25	48	51	29	54
<b>NUMBER OF AERODROMES</b>	69	69	69	69	69	69	69
a. All weather	35	41	42	42	42	42	42
b. Seasonal	34	28	27	27	27	27	27
<b>NUMBER OF AIRPORTS</b>	-	32	34	34	34	34	34
a. Domestic	-	30	31	31	31	31	31
b. International	-	2	3	3	3	3	3

Note : Number of airports are included in number of aerodromes.

Sources : 1. Department of Civil Aviation.  
2. Myanmar National Airlines.

**TABLE 14.09 CIVIL AVIATION STATISTICS (PRIVATE)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>FLIGHT</b>							
Total Flights							
a. Number of flights	5465	4657	39234	40709 (r)	33881	12184	28318
b. Miles flown (000)	126703	181958	66271 (r)	826726 (r)	1325894	607367 (r)	86148
Charter Flights							
a. Number of flights	-	-	295	151	-	12	14
b. Miles flown (000)	-	-	174	128	-	5	4
Internal							
a. Number of flights	-	-	78	2	-	12	14
b. Miles flown (000)	-	-	17	1	-	5	4
External							
a. Number of flights	-	-	217	149	-	-	-
b. Miles flown (000)	-	-	157	127	-	-	-
Scheduled Flights							
a. Number of flights	5465	4657	33211 (r)	39048 (r)	33881	12172 (r)	28304
b. Miles flown (000)	126703	181958	66097 (r)	756046 (r)	1325894	607362 (r)	86144
Internal							
a. Number of flights	3541	2161	35625	34719	30186	10746	25447
b. Miles flown (000)	121749	178161	61707 (r)	755445 (r)	1325829	607362 (r)	86144
External							
a. Number of flights	1924	2496	3319 (r)	3383 (r)	3695	1426 (r)	-
b. Miles flown (000)	4954	3797	4390	601 (r)	65	-	-
<b>NUMBER OF AIRCRAFTS</b>	13	14	32	30	23	20	21
<b>AIRCRAFT HOURS FLOWN</b>							
a. Scheduled Revenue	18247	21014	55167	61908	50768	20505	41964
b. Non-scheduled Revenue	15	22	341	192	18	34	24

Note : Air Bagan Limited, FMI Air Limited, Air Mandalay Limited, Asian Wings Airways and Apex Airlines have been closed.

Sources : 1. Myanmar Airways International.  
2. Air Bagan Limited.  
3. Air Mandalay Limited.  
4. Air Thanlwin Limited.  
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**

<b>Responsible Unit (Service or Structure)</b>	Myanma Railways
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Length of Railways, Rolling Stock, Goods Stock, Railway Stations and Commodities
<b>Classification Variables</b>	Route mileage, Track mileage, Locomotives, Passenger Cars, Wagons, Carrying Capacity
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Railway Network, Stock, Freight
<b>Tables</b>	14.10, 14.11, 14.12

**TABLE 14.10 RAIL TRANSPORT STATISTICS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>LENGTH OF RAILWAYS</b>							
a.Route mileage	3075	3605	3795	3798	3798	3798	3798
b.Track mileage	3986	4729	4933	4939	4939	4939	4939
<b>ROLLING STOCK</b>							
a.Locomotives							
i.Engines (Number)	336	424	412	417	436	436	437
Steam	39	37	35	35	32	32	23
Diesel	297	387	377	382	404	404	414
ii.Tractive Effort (000 Lbs)	12963	13300	13150	13324	13931	13931	14276
Steam	735	-	-	-	-	-	-
Diesel	12228	13300	13150	13324	13931	13931	14276
b.Passenger Cars (Number)							
i.Coaching Vehicles	876	823	1001	1001	1021	990	1021
ii.Seating Capacity	36597	32820	41670	41670	42270	41880	43170
<b>GOODS STOCK</b>							
a.Wagons (Number)	2716	1439	1826	1865	1838	1847	1847
i.Four-Wheeled	713	11	11	11	11	11	11
ii.Bogies	2003	1428	1815	1854	1827	1836	1836
b.Carrying Capacity (Ton)	72599	45872	58256	59504	58640	58928	58928
i.Four-Wheeled	12695	176	176	176	176	176	176
ii.Bogies	59904	45696	58050	59328	58464	58758	58752
<b>RAILWAY STATIONS (NUMBER)</b>	787	915	960	960	960	960	960

Source : Myanmar Railways.

**TABLE 14.11 COMMODITIES TRANSPORTED BY RAILWAYS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Particular	2005-2006		2010-2011		2015-2016	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
<b>TOTAL</b>	<b>2879</b>	<b>570124</b>	<b>3408</b>	<b>697848</b>	<b>1983</b>	<b>475620</b>
Paddy	*	20	-	45	-	-
Rice	97	33967	76	24386	27	9894
Flour and atta	4	1670	15	5993	20	7628
Grains and pulses (edible)	26	9992	32	11722	13	5151
Indian Corn,Cob	11	4040	6	1624	-	5
Fruits (fresh and dry) and vegetables	1	261	-	43	1	43
Provisions	39	15177	66	25310	87	34003
Timber	198	52645	208	47827	149	32138
Sugarcane	21	272	3	484	-	-
Sugar	21	8290	13	4947	36	14110
Kyanthaga	1	154	-	-	-	-
Jaggery	-	-	-	-	-	-
Molasses	*	28	-	-	-	-
Salt	82	27206	61	21732	41	16430
Cigarettes and tobacco	*	74	-	74	-	41
Leaves for cigar wrapping	-	-	-	-	-	-
Seeds,Common	2	543	2	778	1	121
Fodder	19	7130	9	3159	5	1775
Cotton	-	-	-	12	-	-
Piece goods	*	46	3	1222	1	43
Gunnies (empties)	*	99	-	68	-	16

**TABLE 14.11 COMMODITIES TRANSPORTED BY RAILWAYS (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Particular	2005-2006		2010-2011		2015-2016	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
Charcoal	*	40	1	131	-	-
Firewood	17	2997	23	3659	12	2100
Coal and Coke	20	3165	1	168	-	-
Petroleum and other hydro-carbon oils (Dangerous)	20	5715	30	9086	16	4543
Petroleum and other hydro-carbon oils (Non- dangerous)	58	14682	85	27960	66	19708
Oils Division "A" and "B"	3	1161	4	1734	4	1563
Ores	8	1591	17	4814	6	790
Lead ores pig or scrap	1	332	-	12	-	-
Iron and steel, Division "A"(finished)	4	1393	25	9163	21	9851
Iron and steel, Division "B"(unfinished)	2	796	3	949	-	-
Baryte Gypsum Limestone	43	11500	20	5588	10	4209
Machinery other than electrical including agricultural implement	1	302	6	2199	1	84
Bricks and building material	3	1134	6	2333	19	8661
Cement	45	15803	40	13912	25	7857
Stone and ballast	90	15372	141	31392	159	44645
Manures	54	21082	168	63271	91	35077
Explosive and other dangerous goods, n.e.s.	3	963	4	1581	12	6040
Military accouterments and stores	78	21064	92	24216	85	22313
Livestock	*	79	2	435	1	92
Railway Departmental	944	82923	1033	90748	473	44208
Miscellaneous	963	206416	1213	255071	601	142481



**TABLE 14.11 COMMODITIES TRANSPORTED BY RAILWAYS (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Particular	2016-2017		2017-2018		2018 (Apr-Sep)		2018-2019	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
Charcoal	-	-	-	-	-	-	-	159
Firewood	7	1118	3	473	1	108	2	227
Coal and Coke	-	-	-	95	-	-	-	-
Petroleum and other hydro-carbon oils (Dangerous)	14	3659	2	694	4	1085	18	5017
Petroleum and other hydro-carbon oils (Non- dangerous)	52	15143	41	11233	14	3557	11	3371
Oils Division "A" and "B"	4	1563	5	2226	1	564	5	2455
Ores	1	242	1	277	-	112	-	113
Lead ores pig or scrap	-	-	-	-	-	-	-	95
Iron and steel, Division "A"(finished)	18	8871	15	7711	4	1963	10	4842
Iron and steel, Division "B"(unfinished)	-	165	2	585	-	173	3	768
Baryte Gypsum Limestone	1	156	2	610	-	31	-	132
Machinery other than electrical including agricultural implement	1	72	1	241	1	359	1	381
Bricks and building material	41	13575	19	5554	-	80	1	428
Cement	12	5061	107	37014	119	41670	337	116330
Stone and ballast	143	38940	204	48030	90	25557	205	42797
Manures	65	24989	48	18673	32	13144	80	31443
Explosive and other dangerous goods, n.e.s.	6	3050	5	2707	1	593	5	2154
Military accouterments and stores	86	22095	82	20294	43	10782	98	24272
Livestock	-	26	-	8	-	-	-	-
Railway Departmental	372	36915	493	40672	293	26508	505	35054
Miscellaneous	497	122680	498	124559	223	54649	439	104268

Note : \* is less than one unit.

Source : Myanma Railways.

**TABLE 14.12 COMMODITIES TRANSPORTED BY RAILWAYS ACCORDING TO BSITC CLASSIFICATION**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Particular	2005-2006		2010-2011		2015-2016	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
<b>TOTAL</b>	<b>2879</b>	<b>570124</b>	<b>3408</b>	<b>697848</b>	<b>1983</b>	<b>475620</b>
Food and live animals	210	70451	165	55954	127	48223
Beverages and tobacco	17	6603	17	6781	26	10528
Crude materials, inedible except fuels	558	152898	685	195217	496	148638
Mineral fuels, lubricants and related materials	85	23487	129	41817	92	29296
Animal and vegetable oils and fats	11	4267	24	9091	33	12536
Chemicals	16	6290	17	6744	22	10345
Manufactured goods classified chiefly by materials	79	29633	90	34009	59	22607
Machinery and transport equipment	5	1749	4	1575	1	137
Miscellaneous manufactured articles	1753	194399	2035	271418	920	124399
Commodities not classified according to kind	145	80347	242	75242	207	68911

**TABLE 14.12** COMMODITIES TRANSPORTED BY RAILWAYS ACCORDING TO BSITC CLASSIFICATION  
(concl'd)

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Particular	2016-2017		2017-2018		2018 (Apr-Sep)		2018-2019	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
<b>TOTAL</b>	<b>1743</b>	<b>437167</b>	<b>1799</b>	<b>421198</b>	<b>944</b>	<b>225447</b>	<b>1935</b>	<b>457634</b>
Food and live animals	203	77575	146	52406	75	26748	118	36277
Beverages and tobacco	13	5563	15	6645	6	2334	20	9703
Crude materials, inedible except fuels	412	119421	353	101975	154	51230	359	102018
Mineral fuels, lubricants and related materials	72	21913	55	16595	20	6155	36	11805
Animal and vegetable oils and fats	32	12159	34	13077	14	5374	31	11933
Chemicals	17	7263	14	5868	6	1880	12	4817
Manufactured goods classified chiefly by materials	60	21149	135	45735	126	43784	352	121577
Machinery and transport equipment	3	1560	4	2048	2	635	9	3152
Miscellaneous manufactured articles	736	104281	822	103327	439	54415	801	94829
Commodities not classified according to kind	195	66283	221	73522	102	32892	197	61523

Note : BSITC – Burma Standard International Trade Classification.

Source : Myanma Railways.



METHODOLOGY SHEET | **Shipping Statistics**

<b>Responsible Unit (Service or Structure)</b>	Customs Department, Department of Marine Administration, Inland Water Transport, Myanma Five Star Line, Myanma Port Authority
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Inland Waterways, Shipping, Commodities, Foreign Trade, Coastal Trade, Vessels by Gross Tonnage, Arrivals, Departures, Vessels by Capacity and Flag, Seaborne Cargo, In-Shipment, Out-Shipment, Sea-Going Passenger and Inland Passenger
<b>Classification Variables</b>	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
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Daily, Monthly, Yearly
<b>Units</b>	Vessels, Trade Commodities
<b>Tables</b>	14.13, 14.14, 14.15, 14.16, 14.17, 14.18, 14.19, 14.20, 14.21, 14.22, 14.23, 14.24, 14.25

**TABLE 14.13 INLAND AND OVERSEAS SHIPPING STATISTICS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>INLAND WATERWAYS</b>							
1.Valid certified private water craft (Number)							
a.Riverine	3636	4588	2344	2221	2406	2489	2321
b.Coastal	140	253	3158	3250	3355	3454	3502
2.Inland Water Transport (Public) (Number)							
a.Powered Craft	319	239	178	163	162	151	152
b.Dumb Craft	197	190	162	153	124	107	107
<b>SHIPPING</b>							
1.Overseas Shipping (000 ton) (Yangon)							
a.Loaded	1173	3256	3111	2466	-	-	-
b.Unloaded	3253	8600	18915	11583	-	-	-
2.Number of Vessels							
a.Myanmar Five Star Line	26	23	19	16	11	11	11
b.Chartered	-	8	-	9	9	4	5
3.Coastal Shipping (000 ton) (Yangon)							
a.Loaded	111	278	368	543	590	323	897
b.Unloaded	207	270	679	1236	1952	805	1619
4.Number of Lighthouses	27	26	26	26	26	26	26
a.With Lighthouse keeper	10	9	9	7	7	7	7
b.Without Lighthouse keeper	17	17	17	19	19	19	19

Sources : 1. Customs Department.  
 2. Department of Marine Administration.  
 3. Inland Water Transport.  
 4. Myanmar Five Star Line.  
 5. Myanmar Port Authority.

**TABLE 14.14 PRINCIPAL COMMODITIES TRANSPORTED BY INLAND WATERWAYS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

Particular	Unit	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TOTAL</b>	<b>Ton</b>	<b>4262</b>	<b>4786</b>	<b>1375</b>	<b>951</b>	<b>673</b>	<b>374</b>	<b>1100</b>
	<b>Ton-miles</b>	<b>455175</b>	<b>753689</b>	<b>187806</b>	<b>110193</b>	<b>63713</b>	<b>30853</b>	<b>64595</b>
Rice	Ton	2	-	11	16	8	3	5
	Ton-miles	224	-	1482	2267	979	402	672
Cement	Ton	1	6	-	-	-	-	-
	Ton-miles	155	2267	-	-	-	-	-
Petroleum Coke	Ton	4	-	-	-	-	-	-
	Ton-miles	1637	-	-	-	-	-	-
Fertilizer	Ton	-	-	-	-	-	-	-
	Ton-miles	-	-	-	-	-	-	-
Miscellaneous	Ton	4210	4763	1364	935	665	371	1095
	Ton-miles	425579	740632	186324	107926	62734	30451	63923
Timber	Ton	45	17	-	-	-	-	-
	Ton-miles	27580	10790	-	-	-	-	-

Source : Inland Water Transport.

**TABLE 14.15 SEABORNE SHIPPING TONNAGE OF CARGO HANDLED AT THE PORT OF YANGON**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in ton

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>INTERNATIONAL</b>							
(a) Loaded	1172890	3255635	3111346	2465937	-	-	-
(b) Unloaded	3252813	8599975	18914808	11582910	-	-	-
<b>COASTAL</b>							
(a) Loaded	111104	278056	367672	543220	589992	323221	896654
(b) Unloaded	207461	269590	679388	1235902	1952090	805343	1618874

Source : Customs Department.

**TABLE 14.16 MERCHANT SHIPPING : FOREIGN TRADE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, 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)
<b>ENTRY</b>						
2005-2006	674	3253	674	3253	-	-
2010-2011	1691	8600	1469	8600	222	-
2015-2016	2408	18915	2286	18915	122	-
2016-2017	1350	11583	1285	11583	65	-
2017-2018	-	-	-	-	-	-
2018 (Apr-Sep)	-	-	-	-	-	-
2018-2019	-	-	-	-	-	-
<b>CLEARANCE</b>						
2005-2006	265	1173	265	1173	-	-
2010-2011	1682	3256	1192	3256	490	-
2015-2016	2413	3111	844	3111	1569	-
2016-2017	1390	2466	575	2466	815	-
2017-2018	-	-	-	-	-	-
2018 (Apr-Sep)	-	-	-	-	-	-
2018-2019	-	-	-	-	-	-

Note : This data has not been collected since 2017-2018 because of Myanmar Automated Cargo Clearance System (MACCS).

Source : Customs Department.

**TABLE 14.17 MERCHANT SHIPPING : COASTAL TRADE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, 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)
<b>ENTRY</b>						
2005-2006	583	207	583	207	-	-
2010-2011	884	270	710	270	174	-
2015-2016	1289	679	910	679	379	-
2016-2017	1365	1236	972	1236	393	-
2017-2018	1629	1952	1267	1952	362	-
2018 (Apr-Sep)	743	805	501	805	242	-
2018-2019	1649	1619	1104	1619	545	-
<b>CLEARANCE</b>						
2005-2006	398	111	398	111	-	-
2010-2011	922	278	769	278	153	-
2015-2016	1195	368	812	368	383	-
2016-2017	1394	543	786	543	608	-
2017-2018	1695	590	820	590	875	-
2018 (Apr-Sep)	710	323	409	590	875	-
2018-2019	1619	897	1019	897	650	-

Source : Customs Department.

**TABLE 14.18 NUMBER AND CAPACITY OF VESSELS ARRIVING AT AND DEPARTING FROM MYANMAR PORTS**

Years 2015/2016-2018/2019, absolute values

Port	Year	Number			Gross Tonnage (000)			Net Tonnage (000)		
		Vessels	Schooners	Total	Vessels	Schooners	Total	Vessels	Schooners	Total
<b>ARRIVALS</b>										
TOTAL	2015-2016	5141	6520	11661	29879	1728	31607	13271	726	13997
	2016-2017	4911	6962	11873	30909	1298	32207	14068	491	14559
	2017-2018	5238	8761	13999	38123	1244	39367	17649	612	18261
	2018 (Apr-Sep)	2232	4241	6473	18210	597	18807	8683	300	8983
	2018-2019	4782	8458	13240	33954	1308	35262	16548	643	17191
Yangon	2015-2016	2572	809	3381	26440	665	27105	11745	249	11994
	2016-2017	2409	412	2821	28084	303	28387	12730	141	12871
	2017-2018	2307	196	2503	29773	107	29880	12915	58	12973
	2018 (Apr-Sep)	1003	77	1080	13816	51	13867	5986	27	6013
	2018-2019	1974	176	2150	23695	112	23807	10555	59	10614
Sittwe	2015-2016	490	-	490	501	-	501	232	-	232
	2016-2017	459	-	459	416	-	416	168	-	168
	2017-2018	486	-	486	492	-	492	266	-	266
	2018 (Apr-Sep)	222	-	222	185	-	185	85	-	85
	2018-2019	505	-	505	380	-	380	186	-	186
Patheingyi	2015-2016	45	1694	1739	68	-	68	27	-	27
	2016-2017	68	67	135	189	-	189	87	4	91
	2017-2018	45	1915	1960	51	-	51	19	-	19
	2018 (Apr-Sep)	15	1218	1233	91	-	91	46	-	46
	2018-2019	56	2450	2506	564	-	564	304	-	304
Mawlamyine	2015-2016	438	2	440	1032	1	1033	555	-	555
	2016-2017	648	3	651	774	2	776	395	-	395
	2017-2018	950	1	951	1087	1	1088	550	1	551
	2018 (Apr-Sep)	377	-	377	555	-	555	265	-	265
	2018-2019	835	-	835	1936	-	1936	1000	-	1000
Other Ports	2015-2016	1596	4015	5611	1838	1062	2900	712	477	1189
	2016-2017	1327	6480	7807	1446	993	2439	688	346	1034
	2017-2018	1450	6649	8099	6720	1136	7856	3899	553	4452
	2018 (Apr-Sep)	615	2946	3561	3563	546	4109	2301	273	2574
	2018-2019	1412	5832	7244	7379	1196	8575	4503	584	5087

**TABLE 14.18 NUMBER AND CAPACITY OF VESSELS ARRIVING AT AND DEPARTING FROM MYANMAR PORTS (concl'd)**

Years 2015/2016-2018/2019, absolute values

Port	Year	Number			Gross Tonnage (000)			Net Tonnage (000)		
		Vessels	Schooners	Total	Vessels	Schooners	Total	Vessels	Schooners	Total
<b>DEPARTURES</b>										
<b>TOTAL</b>	2015-2016	5177	7319	12496	30011	1684	31695	13302	770	14072
	2016-2017	4824	7325	12149	31062	7216	38278	13991	440	14431
	2017-2018	5241	9785	15026	37927	1346	39273	17519	661	18180
	2018 (Apr-Sep)	2260	3587	5847	18258	796	19054	8736	328	9064
	2018-2019	4782	9326	14108	33946	1408	35354	16610	676	17286
Yangon	2015-2016	2573	809	3382	26441	665	27106	11746	249	11995
	2016-2017	2409	412	2821	28084	303	28387	12731	141	12872
	2017-2018	2307	196	2503	29773	107	29880	12915	58	12973
	2018 (Apr-Sep)	1003	77	1080	13816	51	13867	5986	27	6013
	2018-2019	1974	176	2150	23695	112	23807	10555	59	10614
Sittwe	2015-2016	497	-	497	551	-	551	219	-	219
	2016-2017	448	-	448	360	-	360	162	-	162
	2017-2018	469	-	469	263	-	263	97	-	97
	2018 (Apr-Sep)	242	-	242	200	-	200	91	-	91
	2018-2019	507	-	507	387	-	387	184	-	184
Patheingyi	2015-2016	54	1694	1748	74	-	74	31	-	31
	2016-2017	67	2044	2111	187	-	187	87	-	87
	2017-2018	47	1915	1962	52	-	52	22	-	22
	2018 (Apr-Sep)	15	-	15	91	-	91	46	-	46
	2018-2019	46	2450	2496	524	-	524	301	-	301
Mawlamyine	2015-2016	455	2	457	1085	1	1086	583	2	585
	2016-2017	630	3	633	760	3	763	393	3	396
	2017-2018	945	-	945	1150	-	1150	611	-	611
	2018 (Apr-Sep)	378	-	378	538	-	538	277	-	277
	2018-2019	833	-	833	1956	-	1956	1058	-	1058
Other Ports	2015-2016	1598	4814	6412	1860	1018	2878	723	519	1242
	2016-2017	1270	4866	6136	1671	6910	8581	618	296	914
	2017-2018	1473	7674	9147	6689	1239	7928	3874	603	4477
	2018 (Apr-Sep)	622	3510	4132	3613	745	4358	2336	301	2637
	2018-2019	1422	6700	8122	7384	1296	8680	4512	617	5129

Source : Myanmar Port Authority.

**TABLE 14.19 CAPACITY OF VESSELS ARRIVING AT AND DEPARTING FROM THE PORT OF YANGON**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Year	Number			Gross Tonnage (000)			Net Tonnage (000)		
	Vessels	Schooners	Total	Vessels	Schooners	Total	Vessels	Schooners	Total
<b>ARRIVALS</b>									
2005-2006	1256	267	1523	5881	113	5994	3044	50	3094
2010-2011	1772	555	2327	9837	299	10136	5126	117	5243
2015-2016	2572	809	3381	26440	665	27105	11745	249	11994
2016-2017	2409	412	2821	28084	303	28387	12730	141	12871
2017-2018	2307	196	2503	29773	107	29880	12915	58	12973
2018 (Apr-Sep)	1003	77	1080	13816	51	13867	5986	27	6013
2018-2019	1974	176	2150	23695	112	23807	10555	59	10614
<b>DEPARTURES</b>									
2005-2006	1250	267	1517	5825	113	5938	3027	50	3077
2010-2011	1769	555	2324	9903	299	10202	5140	117	5257
2015-2016	2573	809	3382	26441	665	27106	11746	249	11995
2016-2017	2409	412	2821	28084	303	28387	12731	141	12872
2017-2018	2307	196	2503	29773	107	29880	12915	58	12973
2018 (Apr-Sep)	1003	77	1080	13816	51	13867	5986	27	6013
2018-2019	1974	176	2150	23695	112	23807	10555	59	10614

Source : Myanma Port Authority.



**TABLE 14.20 VESSELS ARRIVING AT AND DEPARTING FROM THE PORT OF YANGON BY GROSS TONNAGE**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Year	Vessels by Gross Tonnage											Total
	Under	1001-	2001-	3001-	4001-	5001-	6001-	7001-	8001-	9001-	Above	
	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	10001	
<b>ARRIVALS</b>												
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
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
2017-2018	121	99	34	137	73	72	38	81	94	200	1358	2307
2018 (Apr-Sep)	82	52	48	61	30	35	40	46	30	50	529	1003
2018-2019	52	137	61	177	67	69	26	77	202	77	1029	1974
<b>DEPARTURES</b>												
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
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
2017-2018	121	99	34	137	73	72	38	81	94	200	1358	2307
2018 (Apr-Sep)	82	52	48	61	30	35	40	46	30	50	529	1003
2018-2019	52	137	61	177	67	69	26	77	202	77	1029	1974

Source : Myanmar Port Authority.

**TABLE 14.21 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP**  
Years 2015/2016-2018/2019, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
TOTAL	2015-2016	2572	26440054	11745407	2573	26440994	11745935
	2016-2017	2397	39949537	12667409	2397	39949537	12667409
	2017-2018	2307	29773349	12915330	2307	29773349	12915330
	2018 (Apr-Sep)	1003	13816143	5986752	1003	13816143	5986752
	2018-2019	1974	23695317	10555636	1974	23695317	10555636
Antiga	2015-2016	122	1168436	607084	122	1168436	607084
	2016-2017	48	511967	251266	48	511967	251266
	2017-2018	13	176166	80968	13	176166	80968
	2018 (Apr-Sep)	12	148861	67760	12	148861	67760
	2018-2019	23	291629	139813	23	291629	139813
Bahamas	2015-2016	17	416829	224660	17	416829	224660
	2016-2017	11	183551	79211	11	183551	79211
	2017-2018	30	591700	224356	30	591700	224356
	2018 (Apr-Sep)	5	52708	22701	5	52708	22701
	2018-2019	28	492174	203508	28	492174	203508
Bangladesh	2015-2016	5	77451	45973	5	77451	45973
	2016-2017	2	29408	15766	2	29408	15766
	2017-2018	-	-	-	-	-	-
	2018 (Apr-Sep)	2	20631	10101	2	20631	10101
	2018-2019	-	-	-	-	-	-
Belize	2015-2016	-	-	-	-	-	-
	2016-2017	1	2181	654	1	2181	654
	2017-2018	9	246277	135516	9	246277	135516
	2018 (Apr-Sep)	2	25078	13147	2	25078	13147
	2018-2019	1	8987	3111	1	8987	3111
Cambodia	2015-2016	3	80598	25460	3	80598	25460
	2016-2017	-	-	-	-	-	-
	2017-2018	-	-	-	-	-	-
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	-	-	-	-	-	-

**TABLE 14.21 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP**  
(cont'd)  
Years 2015/2016-2018/2019, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
China	2015-2016	40	490155	239872	40	490155	239872
	2016-2017	16	218123	129291	16	218123	129291
	2017-2018	27	385228	144101	27	385228	144101
	2018 (Apr-Sep)	6	110742	51067	6	110742	51067
	2018-2019	17	336274	173454	17	336274	173454
Cyprus	2015-2016	23	198369	86673	23	198369	86673
	2016-2017	13	243086	119876	13	243086	119876
	2017-2018	15	211170	119098	15	211170	119098
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	3	71645	33760	3	71645	33760
Dominica	2015-2016	64	629066	322774	64	629066	322774
	2016-2017	93	1304357	594224	93	1304357	594224
	2017-2018	127	1838059	929687	127	1838059	929687
	2018 (Apr-Sep)	20	274354	115743	20	274354	115743
	2018-2019	48	438264	242178	48	438264	242178
Hong Kong	2015-2016	50	1063948	516721	50	1063948	516721
	2016-2017	60	984950	454460	60	984950	454460
	2017-2018	103	1234965	716048	103	1234965	716048
	2018 (Apr-Sep)	31	647691	207719	31	647691	207719
	2018-2019	240	3360983	1475207	240	3360983	1475207
India	2015-2016	3	68341	31860	3	68341	31860
	2016-2017	-	-	-	-	-	-
	2017-2018	15	187845	125619	15	187845	125619
	2018 (Apr-Sep)	7	103479	39049	7	103479	39049
	2018-2019	3	57313	28709	3	57313	28709
Indonesia	2015-2016	94	788362	413244	94	788362	413244
	2016-2017	145	1449357	685761	145	1449357	685761
	2017-2018	188	2049198	890641	188	2049198	890641
	2018 (Apr-Sep)	61	592821	245969	61	592821	245969
	2018-2019	98	1062526	455046	98	1062526	455046

**TABLE 14.21 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP**  
(cont'd)  
Years 2015/2016-2018/2019, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
Japan	2015-2016	1	22472	7955	1	22472	7955
	2016-2017	1	63007	18902	1	63007	18902
	2017-2018	2	68769	20630	2	68769	20630
	2018 (Apr-Sep)	1	42175	12652	1	42175	12652
	2018-2019	-	-	-	-	-	-
Korea	2015-2016	24	164375	73919	24	164375	73919
	2016-2017	25	217788	102575	25	217788	102575
	2017-2018	1	11290	5263	1	11290	5263
	2018 (Apr-Sep)	3	27865	13316	3	27865	13316
	2018-2019	1	7454	3957	1	7454	3957
Liberia	2015-2016	145	1689295	837219	145	1689295	837219
	2016-2017	195	2843152	1455993	195	2843152	1455993
	2017-2018	129	2149997	1032840	129	2149997	1032840
	2018 (Apr-Sep)	40	634234	307851	40	634234	307851
	2018-2019	111	1775745	888664	111	1775745	888664
Malaysia	2015-2016	60	397049	157714	60	397049	157714
	2016-2017	60	474725	239103	60	474725	239103
	2017-2018	68	741543	311884	68	741543	311884
	2018 (Apr-Sep)	71	1047049	482004	71	1047049	482004
	2018-2019	58	693255	322984	58	693255	322984
Malta	2015-2016	15	222053	91626	15	222053	91626
	2016-2017	48	632384	332656	48	632384	332656
	2017-2018	10	111080	59336	10	111080	59336
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	5	105647	55783	5	105647	55783
Marshall Island	2015-2016	177	1846285	819602	177	1846285	819602
	2016-2017	115	1637419	690388	115	1637419	690388
	2017-2018	36	601880	280026	36	601880	280026
	2018 (Apr-Sep)	13	206545	83199	13	206545	83199
	2018-2019	31	601290	213442	31	601290	213442

**TABLE 14.21 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP (cont'd)**

Years 2015/2016-2018/2019, absolute values

Flag of Ship	Year	Arrival			Departure		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
Mongolia	2015-2016	6	6818	2720	6	6818	2720
	2016-2017	3	1174	502	3	1174	502
	2017-2018	1	11551	4965	1	11551	4965
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	-	-	-	-	-	-
Myanmar	2015-2016	278	1722748	752828	279	1723688	753356
	2016-2017	119	868050	397163	119	868050	397163
	2017-2018	90	954260	371073	90	954260	371073
	2018 (Apr-Sep)	14	138311	60105	14	138311	60105
	2018-2019	32	153837	68018	32	153837	68018
Netherland	2015-2016	4	140791	68556	4	140791	68556
	2016-2017	4	32655	7330	4	32655	7330
	2017-2018	1 (r)	7767 (r)	3856 (r)	1 (r)	7767 (r)	3856 (r)
	2018 (Apr-Sep)	1	7767	3856	1	7767	3856
	2018-2019	-	-	-	-	-	-
Norway	2015-2016	17	252368	99374	17	252368	99374
	2016-2017	8	262204	95644	8	262204	95644
	2017-2018	3	69230	41088	3	69230	41088
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	-	-	-	-	-	-
Panama	2015-2016	493	6560628	2512445	493	6560628	2512445
	2016-2017	408	5265566	2107262	408	5265566	2107262
	2017-2018	409	6088243	2276274	409	6088243	2276274
	2018 (Apr-Sep)	72	1066104	463472	72	1066104	463472
	2018-2019	291	4523130	1966576	291	4523130	1966576
Philippines	2015-2016	2	19820	8988	2	19820	8988
	2016-2017	-	-	-	-	-	-
	2017-2018	1	9662	4076	1	9662	4076
	2018 (Apr-Sep)	1	9731	4061	1	9731	4061
	2018-2019	7	97644	50509	7	97644	50509

**TABLE 14.21 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP**  
(cont'd)  
Years 2015/2016-2018/2019, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
Portuguese	2015-2016	5	55194	20320	5	55194	20320
	2016-2017	21	264067	89408	21	264067	89408
	2017-2018	14	201694	70421	14	201694	70421
	2018 (Apr-Sep)	25	371420	148269	25	371420	148269
	2018-2019	55	790553	308889	55	790553	308889
Russia	2018-2019	4	44781	26332	4	44781	26332
Singapore	2015-2016	478	5553573	2316820	478	5553573	2316820
	2016-2017	641	7682876	3433521	641	7682876	3433521
	2017-2018	715	9624991	4005729	715	9624991	4005729
	2018 (Apr-Sep)	516	7538580	3305975	516	7538580	3305975
	2018-2019	572	6325832	2731965	572	6325832	2731965
Srilanka	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
	2017-2018	3	19863	10221	3	19863	10221
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	-	-	-	-	-	-
ST.Kitts (Basse Terre- Leeward Lands)	2015-2016	1	3238	1536	1	3238	1536
	2016-2017	-	-	-	-	-	-
	2017-2018	-	-	-	-	-	-
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	-	-	-	-	-	-
St-Vincent	2015-2016	20	226180	121030	20	226180	121030
	2016-2017	26	330416	180203	26	330416	180203
	2017-2018	4	47500	26500	4	47500	26500
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	-	-	-	-	-	-
Tavalu	2018-2019	4	14152	5418	4	14152	5418
Thailand	2015-2016	214	1196943	607732	214	1196943	607732
	2016-2017	205	1380063	651842	205	1380063	651842
	2017-2018	172	1216898	582457	172	1216898	582457
	2018 (Apr-Sep)	63	473220	192775	63	473220	192775
	2018-2019	202	1171266	517462	202	1171266	517462

**TABLE 14.21 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP**  
(concl'd)

Years 2015/2016-2018/2019, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
Turkish (Turkey)	2015-2016	-	-	-	-	-	-
	2016-2017	1	30064	17802	1	30064	17802
	2017-2018	-	-	-	-	-	-
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	-	-	-	-	-	-
United Arab Emirates (UAE)	2015-2016	2	774	232	2	774	232
	2016-2017	-	-	-	-	-	-
	2017-2018	-	-	-	-	-	-
	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	-	-	-	-	-	-
United Kingdom	2018-2019	3	107616	63669	3	107616	63669
Paksitan	2018 (Apr-Sep)	-	-	-	-	-	-
	2018-2019	1	17018	10109	1	17018	10109
Vanautu	2015-2016	17	49081	13906	17	49081	13906
	2016-2017	1	1529	458	1	1529	458
	2017-2018	-	-	-	-	-	-
	2018 (Apr-Sep)	2	774	232	2	774	232
	2018-2019	-	-	-	-	-	-
Vietnam	2015-2016	192	1328814	716564	192	1328814	716564
	2016-2017	127	13035418	516148	127	13035418	516148
	2017-2018	122	924290	446513	122	924290	446513
	2018 (Apr-Sep)	35	276003	135729	35	276003	135729
	2018-2019	136	1146302	567073	136	1146302	567073

Source : Myanmar Port Authority.

**TABLE 14.22 SEABORNE CARGO HANDLED BY THE PORT OF YANGON**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in ton

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TOTAL</b>	<b>10238715</b>	<b>18438641</b>	<b>31057188</b>	<b>31924983</b>	<b>29404116 (r)</b>	<b>13264298</b>	<b>23958085</b>
<b>a.International</b>	<b>9644607</b>	<b>17371969</b>	<b>30091461</b>	<b>30871324</b>	<b>28336711</b>	<b>12766412</b>	<b>22823912</b>
<b>b.Coastal</b>	<b>594108</b>	<b>1066672</b>	<b>965727</b>	<b>1053659</b>	<b>1067405 (r)</b>	<b>497886</b>	<b>1134173</b>
<b>OUTSHIPMENT</b>							
Wharf	4624113	5922464	5838112	7565830	8214575 (r)	3585273	6844201
a.International	4507322	5664285	5637258	7346605	7989454	3504492	6633588
b.Coastal	116791	258179	200854	219225	225121 (r)	80781	210613
Foreshore	100847	208781	3730192	518621	606056	307860	672150
a.International	-	-	694	-	-	-	-
b.Coastal	100847	208781	369498	518621	606056	307860	672150
Mid-Stream	-	-	-	-	28301	11208	21378
a.International	-	-	-	-	28301	11208	21378
b.Coastal	-	-	-	-	-	-	-
Total	4724960	6131245	6208304	8084451	8848932 (r)	3904341	7537729
a.International	4507322	5664285	5637952	7346605	8017755	3515700	6654966
b.Coastal	217638	466960	570352	737846	831177 (r)	388641	882763
<b>INSHIPMENT</b>							
Wharf	5384742	10819526	20561619	19009615	15197521	6758094	11357629
a.International	5137105	10389154	20275043	18757057	14991232	6662609	11147827
b.Coastal	247637	430372	286576	252558	206289	95485	209802
Foreshore	128833	169340	108799	63255	29939	13760	41789
a.International	-	-	-	-	-	-	181
b.Coastal	128833	169340	108799	63255	29939	13760	41608
Mid-Stream	180	1318530	4178466	4767662	5327724	2588103	5020938
a.International	180	1318530	4178466	4767662	5327724	2588103	5020938
b.Coastal	-	-	-	-	-	-	-
Total	5513755	12307396	24848884	23840532	20555184	9359957	16420356
a.International	5137285	11707684	24453509	23524719	20318956	9250712	16168946
b.Coastal	376470	599712	395375	315813	236228	109245	251410

Source : Myanmar Port Authority.



**TABLE 14.23 SEABORNE CARGO BY PRINCIPAL COMMODITY**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in ton

Commodity	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>GRAND TOTAL</b>	<b>10238715</b>	<b>18438641</b>	<b>31057188</b>	<b>31924983</b>	<b>29404116 (r)</b>	<b>13264298</b>	<b>23958085</b>
<b>OUTSHIPMENT</b>							
Petrol Oil and Lubricants	69491	49267	20982	18628	1987	72	2695
Rice and Rice Products	221335	594685	305643	834769	1966691	459432	1116429
Minerals	42426	42633	5244	19866	30906	11852	30694
Timber	1730382	1646058	585422	735707	564820	170580	284203
General Cargo	2661326	3798602	5291013	6475481	6284528 (r)	3262405	6103708
<b>TOTAL</b>	<b>4724960</b>	<b>6131245</b>	<b>6208304</b>	<b>8084451</b>	<b>8848932 (r)</b>	<b>3904341</b>	<b>7537729</b>
<b>INSHIPMENT</b>							
Petrol Oil and Lubricants	1618868	2028570	4369661	5017410	5633784	2727893	5418687
General Cargo	3894887	10278826	20479223	18823122	14921400	6632064	11001669
<b>TOTAL</b>	<b>5513755</b>	<b>12307396</b>	<b>24848884</b>	<b>23840532</b>	<b>20555184</b>	<b>9359957</b>	<b>16420356</b>

Source : Myanmar Port Authority.

**TABLE 14.24 SEABORNE CARGO BY COMMODITY SECTION (BSITC)**  
Years 2015/2016-2018/2019, absolute values in ton

Commodity	Year	Outshipment			Inshipment		
		Foreign	Coastal	Total	Foreign	Coastal	Total
TOTAL	2015-2016	5637953	570351	6208304	24453509	395375	24848884
	2016-2017	7346605	737846	8084451	23524718	315814	23840532
	2017-2018	8017755	812574	8830329	20318956	236228	20555184
	2018 (Apr-Sep)	3515699	388641	3904340	9250712	109245	9359957
	2018-2019	6654965	882764	7537729	16168946	251410	16420356
Food and live animals	2015-2016	2672322	-	2672322	1689205	149379	1838584
	2016-2017	2241334	-	2241334	2418341	168447	2586788
	2017-2018	4374865	10736	4385601	1510964	141206	1652170
	2018 (Apr-Sep)	1526077	-	1526077	715421	-	715421
	2018-2019	2683408	-	2683408	817549	131188	948737
Beverages and tobacco	2015-2016	13897	-	13897	56252	-	56252
	2016-2017	23165	-	23165	38438	-	38438
	2017-2018	11581	-	11581	24635	-	24635
	2018 (Apr-Sep)	14425	-	14425	17859	-	17859
	2018-2019	19619	-	19619	58874	-	58874
Crude materials inedible except fuel	2015-2016	1925848	405322	2331170	11308609	178864	11487473
	2016-2017	2590767	571230	3161997	8592899	26227	8619126
	2017-2018	2697645	662028	3359673	5416885	52506	5469391
	2018 (Apr-Sep)	1655594	-	1655594	2613081	44431	2657512
	2018-2019	3339344	772154	4111498	4516592	120222	4636814
Mineral fuels lubricants and related materials	2015-2016	14869	76441	91310	3147746	18222	3165968
	2016-2017	14890	4766	19656	224286	-	224286
	2017-2018	10269	-	10269	3794969	-	3794969
	2018 (Apr-Sep)	8295	-	8295	1728048	-	1728048
	2018-2019	21484	-	21484	3193807	-	3193807
Animal and vegetable oils and fats	2015-2016	36	-	36	17469	-	17469
	2016-2017	108	-	108	9461	-	9461
	2017-2018	-	-	-	5234	-	5234
	2018 (Apr-Sep)	36	-	36	1918	-	1918
	2018-2019	434	-	434	1629	-	1629

**TABLE 14.24 SEABORNE CARGO BY COMMODITY SECTION (BSITC) (concl'd)**  
Years 2015/2016-2018/2019, absolute values in ton

Commodity	Year	Outshipment			Inshipment		
		Foreign	Coastal	Total	Foreign	Coastal	Total
Chemicals	2015-2016	23850	-	23850	508101	-	508101
	2016-2017	16500	-	16500	671791	-	671791
	2017-2018	16323	-	16323	652219	-	652219
	2018 (Apr-Sep)	7927	-	7927	348549	-	348549
	2018-2019	30446	-	30446	330969	-	330969
Manufactured goods classified chiefly by material	2015-2016	3842	-	3842	57170	-	57170
	2016-2017	9409	-	9409	43508	-	43508
	2017-2018	13970	-	13970	34264	-	34264
	2018 (Apr-Sep)	2089	-	2089	17499	-	17499
	2018-2019	1822	-	1822	29507	-	29507
Machinery and transport equipment	2015-2016	42751	-	42751	4000675	-	4000675
	2016-2017	1993359	161850	2155209	5428347	-	5428347
	2017-2018	406493	139810	546303	6330604	-	6330604
	2018 (Apr-Sep)	16475	-	16475	1941191	-	1941191
	2018-2019	82101	-	82101	3938680	-	3938680
Miscellaneous manufactured articles	2015-2016	731127	88588	819715	3128883	48910	3177793
	2016-2017	119732	-	119732	5445633	121140	5566773
	2017-2018	123799	-	123799	2064181	42516	2106697
	2018 (Apr-Sep)	74745	388641	463386	1645375	64814	1710189
	2018-2019	143462	110610	254072	2810368	-	2810368
Commodities not classified according to kind	2015-2016	209411	-	209411	539399	-	539399
	2016-2017	337341	-	337341	652014	-	652014
	2017-2018	362810	-	362810	485001	-	485001
	2018 (Apr-Sep)	210036	-	210036	221771	-	221771
	2018-2019	332845	-	332845	470971	-	470971

Source : Myanmar Port Authority.

**TABLE 14.25 PASSENGER STATISTICS OF THE PORT OF YANGON**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>SEA-GOING PASSENGER</b>							
a.Inward	28434	6814	13864	5964	8877	3325	7617
b.Outward	24632	6869	13852	6288	9293	4225	7522
c.Total	53066	13683	27716	12252	18170	7550	15139
<b>INLAND PASSENGER (000)</b>							
a.Inward	2697	7170	5195	5019	4916	3797	4615
b.Outward	2842	7340	5606	5401	5285	3415	5305
c.Total	5539	14510	10801	10420	10201	7212	9920

Source : Myanma Port Authority.

**METHODOLOGY SHEET | Arterial Highways**

<b>Responsible Unit (Service or Structure)</b>	Department of Highways, Progress of Border Areas and National Races Department, Department of Rural Road Development
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Length of Roads (Miles)
<b>Classification Variables</b>	Bituminous, Metalled, Surface, Earth, Mule, Concrete, AC
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Highways
<b>Tables</b>	14.26

**TABLE 14.26 UNION OF MYANMAR ARTERIAL HIGHWAYS BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Up to Sep)	2018-2019
<b>Union</b>							
<b>Length of Roads (miles)</b>	<b>19021</b>	<b>22307</b>	<b>25881</b>	<b>26599 (r)</b>	<b>81611 (r)</b>	<b>81929 (r)</b>	<b>82238</b>
1.Bituminous	9296	10943	15491	16118 (r)	18346	18091 (r)	18538
2.Metalled	3487	4296	2325	2298 (r)	6658 (r)	7192 (r)	8138
3.Surface	2971	3223	3296	3040	10340	10420 (r)	10244
4.Earth	3267	3845	3409	3581 (r)	35787 (r)	35222 (r)	33867
5.Mule	-	-	161	161	7213 (r)	7107	6595
6.Concrete	-	-	986	1020 (r)	2146 (r)	2355 (r)	3034
7.AC	-	-	213	381	1121	1542 (r)	1823
<b>Kachin State</b>							
<b>Length of Roads (miles)</b>	<b>1652</b>	<b>1660</b>	<b>2379</b>	<b>2440 (r)</b>	<b>4233</b>	<b>4267 (r)</b>	<b>4070</b>
1.Bituminous	323	372	675	749 (r)	873	918 (r)	911
2.Metalled	481	547	286	265 (r)	443	432 (r)	453
3.Surface	609	571	563	519	809	791	793
4.Earth	239	170	676	694 (r)	1837	1804 (r)	1668
5.Mule	-	-	161	161	161	161	-
6.Concrete	-	-	18	30	62	111	169
7.AC	-	-	-	21	48	50	76
<b>Kayah State</b>							
<b>Length of Roads (miles)</b>	<b>581</b>	<b>639</b>	<b>591</b>	<b>599</b>	<b>998 (r)</b>	<b>1007 (r)</b>	<b>1052</b>
1.Bituminous	283	295	395	415	467	469	478
2.Metalled	36	95	21	16	-	6.7 (r)	11
3.Surface	135	125	39	21	121	125 (r)	125
4.Earth	127	124	136	144	268	265 (r)	292
5.Mule	-	-	-	-	125 (r)	124	122
6.Concrete	-	-	-	-	7	7.5	8.5
7.AC	-	-	-	3	10	11	16
<b>Kayin State</b>							
<b>Length of Roads (miles)</b>	<b>772</b>	<b>829</b>	<b>1221</b>	<b>1344</b>	<b>2470</b>	<b>2474 (r)</b>	<b>2508</b>
1.Bituminous	346	360	619	666	770	781 (r)	820
2.Metalled	109	146	28	15	128	145 (r)	151
3.Surface	118	154	261	274	359	314 (r)	263
4.Earth	199	169	312	332	1068	1063 (r)	1034
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	1	7	70 (r)	89	134
7.AC	-	-	-	50	75	82	106
<b>Chin State</b>							
<b>Length of Roads (miles)</b>	<b>1062</b>	<b>1100</b>	<b>1224</b>	<b>1317</b>	<b>6089</b>	<b>6131 (r)</b>	<b>6199</b>
1.Bituminous	199	293	385	443	528	524	626
2.Metalled	296	290	280	271	276	276	220
3.Surface	18	14	179	183	251	303 (r)	342
4.Earth	549	503	379	419	2724	2717 (r)	2812
5.Mule	-	-	-	-	2306	2306	2147
6.Concrete	-	-	1	1	1	3	41.3
7.AC	-	-	-	-	3	3	11

**TABLE 14.26 UNION OF MYANMAR ARTERIAL HIGHWAYS BY STATES AND REGIONS (cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Up to Sep)	2018-2019
<b>Sagaing Region</b>							
<b>Length of Roads (miles)</b>	<b>2095</b>	<b>2329</b>	<b>2912</b>	<b>2919</b>	<b>10616</b>	<b>10609 (r)</b>	<b>10680</b>
1.Bituminous	1032	1103	1494	1585	1885	1865 (r)	1868
2.Metalled	331	410	550	548	1244 (r)	1302 (r)	1358
3.Surface	391	427	471	428	1465 (r)	1493 (r)	1554
4.Earth	341	389	295	204	5751	5664 (r)	5533
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	102	154	210	221	295
7.AC	-	-	-	-	61	63	72
<b>Tanintharyi Region</b>							
<b>Length of Roads (miles)</b>	<b>743</b>	<b>758</b>	<b>937</b>	<b>1030</b>	<b>2953</b>	<b>3060 (r)</b>	<b>3078</b>
1.Bituminous	439	464	641	679	812	810	769
2.Metalled	207	240	59	70 (r)	138 (r)	133 (r)	301
3.Surface	27	4	69	31 (r)	536 (r)	641 (r)	404
4.Earth	70	50	64	130	1246	1199 (r)	1177
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	44	44	100	149	291
7.AC	-	-	60	76	121	128	136
<b>Bago Region</b>							
<b>Length of Roads (miles)</b>	<b>1064</b>	<b>1428</b>	<b>1407</b>	<b>1289</b>	<b>5517 (r)</b>	<b>5556</b>	<b>5528</b>
1.Bituminous	752	973	1041	1116	1115 (r)	1094	1092
2.Metalled	69	146	121	82 (r)	1221	1278	1219
3.Surface	146	190	49	36 (r)	631	654	656
4.Earth	97	119	46	42	2301	2231	2192
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	150	13	60	76	113
7.AC	-	-	-	-	189	223	256
<b>Magway Region</b>							
<b>Length of Roads (miles)</b>	<b>1789</b>	<b>2066</b>	<b>2193</b>	<b>2193</b>	<b>8738 (r)</b>	<b>8719</b>	<b>8738</b>
1.Bituminous	1050	1339	1883	1956	2139 (r)	2140	2204
2.Metalled	226	244	140	124	790	1094	1756
3.Surface	345	333	157	101	798	782	725
4.Earth	168	150	13	11	3962	3711	3175
5.Mule	-	-	-	-	1037	978	862
6.Concrete	-	-	-	1	5	6	8
7.AC	-	-	-	-	7	8	8
<b>Mandalay Region</b>							
<b>Length of Roads (miles)</b>	<b>1322</b>	<b>1768</b>	<b>1514</b>	<b>1515</b>	<b>6864</b>	<b>6865</b>	<b>6872</b>
1.Bituminous	1122	1415	1409	1438	1678	1676	1682
2.Metalled	100	141	9	8	648	648	743
3.Surface	80	121	36	14	1419	1423	1406
4.Earth	20	91	30	15	2937	2931	2816
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	30	40	91	92	108
7.AC	-	-	-	-	91	95	117
<b>Mon State</b>							
<b>Length of Roads (miles)</b>	<b>440</b>	<b>465</b>	<b>591</b>	<b>613 (r)</b>	<b>1684</b>	<b>1692 (r)</b>	<b>1697</b>
1.Bituminous	387	397	582	572	832	725 (r)	735
2.Metalled	22	24	-	6 (r)	118	118 (r)	122
3.Surface	23	33	8	3 (r)	52	52 (r)	53
4.Earth	8	11	1	9	531	531 (r)	478
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	-	1	81	83	97
7.AC	-	-	-	23	70	183	212

**TABLE 14.26 UNION OF MYANMAR ARTERIAL HIGHWAYS BY STATES AND REGIONS (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Up to Sep)	2018-2019
<b>Rakhine State</b>							
<b>Length of Roads (miles)</b>	<b>971</b>	<b>1110</b>	<b>1193</b>	<b>1269</b>	<b>2959 (r)</b>	<b>2973 (r)</b>	<b>2953</b>
1.Bituminous	555	569	658	654	739	737	733
2.Metalled	226	256	269	271 (r)	226 (r)	228 (r)	248
3.Surface	46	115	104	103 (r)	670 (r)	667 (r)	664
4.Earth	144	170	75	130	881	882 (r)	689
5.Mule	-	-	-	-	214	213	289
6.Concrete	-	-	77	99	217 (r)	233 (r)	317
7.AC	-	-	10	12	12	12	12
<b>Yangon Region</b>							
<b>Length of Roads (miles)</b>	<b>559</b>	<b>599</b>	<b>638</b>	<b>661</b>	<b>2602</b>	<b>2595</b>	<b>2600</b>
1.Bituminous	340	430	449	446	465	455	434
2.Metalled	70	65	-	-	176	172	161
3.Surface	70	52	3	3	216	224	221
4.Earth	79	52	19	5	864	838	807
5.Mule	-	-	-	-	272	272	232
6.Concrete	-	-	167	207	609	634	726
7.AC	-	-	-	-	-	-	19
<b>Shan State</b>							
<b>Length of Roads (miles)</b>	<b>4635</b>	<b>5884</b>	<b>6669</b>	<b>6974</b>	<b>17837</b>	<b>17904 (r)</b>	<b>18098</b>
1.Bituminous	1949	2268	3859	3997	4610	4500 (r)	4703
2.Metalled	873	1286	511	565 (r)	606 (r)	701 (r)	694
3.Surface	772	867	1035	998 (r)	1783 (r)	1746 (r)	1756
4.Earth	1041	1463	1167	1290	7843	7790 (r)	7766
5.Mule	-	-	-	-	2702	2657 (r)	2565
6.Concrete	-	-	15	23	27	30	47
7.AC	-	-	82	101	266	479 (r)	567
<b>Ayeyarwaddy Region</b>							
<b>Length of Roads (miles)</b>	<b>1336</b>	<b>1672</b>	<b>1751</b>	<b>1772</b>	<b>5797</b>	<b>5853</b>	<b>5860</b>
1.Bituminous	519	665	1218	1234	1240	1205	1256
2.Metalled	441	406	51	55	223 (r)	238 (r)	235
3.Surface	191	217	260	274	1036	1032	1035
4.Earth	185	384	195	155	2983 (r)	3018 (r)	2919
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	27	54	287	298	346
7.AC	-	-	-	-	28	62	68
<b>Nay Pyi Taw</b>							
<b>Length of Roads (miles)</b>	<b>-</b>	<b>-</b>	<b>295</b>	<b>298</b>	<b>1888 (r)</b>	<b>1858</b>	<b>1836</b>
1.Bituminous	-	-	183	168	193	193	227
2.Metalled	-	-	-	2	421	420	444
3.Surface	-	-	62	52	194	173	165
4.Earth	-	-	1	2	591	578	509
5.Mule	-	-	-	-	396 (r)	396.5	378
6.Concrete	-	-	49	54	36	40	55
7.AC	-	-	-	20	57	57.5	58
<b>Yangon -Mandalay Expressway</b>							
<b>Length of Roads (miles)</b>	<b>-</b>	<b>-</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>469</b>
1.Bituminous	-	-	-	-	-	-	-
2.Metalled	-	-	-	-	-	-	21
3.Surface	-	-	-	-	-	-	82
4.Earth	-	-	-	-	-	-	-
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	305	291	283	281	278
7.AC	-	-	61	75	83	85	88

Note : AC=Asphalt Concrete.

Sources : 1. Progress of Border Areas and National Races Department.  
2. Department of Highways.  
3. Department of Rural Road Development.

## METHODOLOGY SHEET | Road Transport

<b>Responsible Unit (Service or Structure)</b>	Department of Road Transport Administration, Road Transport, Yangon Region Transport Authority
<b>Level of Disaggregation</b>	Yangon and other Areas, States and Regions
<b>Study Variables</b>	Registered Motor Vehicles, Public Road Transport, Yangon City Road Transport
<b>Classification Variables</b>	Passengers, Truck (Light/Heavy Duty), Bus, Other, (Two/Three Wheeler), Trawlergi, Heavy Machine, Public Taxi Service and Bus Service, Passenger-miles
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Registered Motor Vehicles
<b>Tables</b>	14.27, 14.28, 14.29



**TABLE 14.27 REGISTERED MOTOR VEHICLES BY TYPE IN YANGON AND OTHER AREAS**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Classification	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Total</b>	<b>979288</b>	<b>2308521</b>	<b>5541361</b>	<b>6337002</b>	<b>6853995</b>	<b>7092843</b>	<b>7420952</b>
<b>Yangon</b>	<b>168533</b>	<b>261330</b>	<b>756865</b>	<b>824068</b>	<b>873666</b>	<b>893877</b>	<b>913010</b>
<b>Others</b>	<b>810755</b>	<b>2047191</b>	<b>4784496</b>	<b>5512934</b>	<b>5980329</b>	<b>6198966</b>	<b>6507942</b>
Passenger	193940	265642	462199	512144	530728	536647	556995
Yangon	122159	159854	325963	331786	331782	334820	344132
Others	71781	105788	136236	180358	198946	201827	212863
Truck (Light Duty)	23364	28068	194541	261386	313786	343369	356804
Yangon	13630	15828	124245	129169	130960	132449	132405
Others	9734	12240	70296	132217	182826	210920	224399
Truck (Heavy Duty)	31437	36820	55989	61147	60501	56105	54071
Yangon	9102	11263	17675	17379	17729	17295	16496
Others	22335	25557	38314	43768	42772	38810	37575
Bus	18038	20944	25937	26801	28010	27552	30647
Yangon	9882	11388	15543	14756	15293	15262	17914
Others	8156	9556	10394	12045	12717	12290	12733
Other	11307	15862	52366	69834	84779	95070	100360
Yangon	7694	11463	30411	30757	33453	33950	33599
Others	3613	4399	21955	39077	51326	61120	66761
Two Wheeler	641777	1883958	4631107	5271105	5690773	5889577	6168963
Yangon	3310	50660	235711	289863	330494	345372	352522
Others	638467	1833298	4395396	4981242	5360279	5544205	5816441
Three Wheeler	2374	13424	74272	84405	97326	100758	110951
Yangon	-	145	3875	5632	8637	9757	11298
Others	2374	13279	70397	78773	88689	91001	99653
Trawlergi	57051	43678	43570	48595	46312	41904	40123
Yangon	2756	658	2914	4093	4469	4060	3519
Others	54295	43020	40656	44502	41843	37844	36604
Heavy Machine	-	125	1380	1585	1780	1861	2038
Yangon	-	71	528	633	849	912	1125
Others	-	54	852	952	931	949	913

Source : Department of Road Transport Administration.

**TABLE 14.28 PUBLIC ROAD TRANSPORT HAULAGE STATISTICS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in thousand

States and Regions	2005-2006		2010-2011		2015-2016		2016-2017		2017-2018		2018 (Apr-Sep)		2018-2019	
	Ton	Ton- miles	Ton	Ton- miles	Ton	Ton- miles	Ton	Ton- miles	Ton	Ton- miles	Ton	Ton- miles	Ton	Ton- miles
<b>TOTAL</b>	<b>2349</b>	<b>271079</b>	<b>2421</b>	<b>315780</b>	<b>1197</b>	<b>203052</b>	<b>1078</b>	<b>183525</b>	<b>1139</b>	<b>197092</b>	<b>577</b>	<b>98451</b>	<b>1239</b>	<b>215121</b>
Kachin State	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kayah State	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kayin State	6	1526	7	1534	-	-	-	-	-	-	-	-	-	-
Chin State	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sagaing Region	91	12190	97	16760	84	13883	68	12554	73	13144	35	6550	75	13090
Taninthayi Region	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bago Region	331	46981	323	50044	183	29591	134	22500	152	22654	62	9325	157	26463
Magway Region	195	35458	208	38074	134	25957	110	22265	131	25742	75	14032	135	29083
Mandalay Region	395	60221	413	69388	361	60288	383	56071	401	68690	206	34126	411	68097
Mon State	89	13447	90	13643	59	10831	59	13184	50	12431	27	6296	66	11988
Rakhine State	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yangon Region	965	63499	981	69954	177	25625	135	21906	133	18456	71	9396	208	36124
Shan State	169	30195	193	43259	110	24452	108	23716	119	24338	61	12960	110	18504
Ayeyawady Region	108	7562	109	13124	89	12425	81	11329	80	11637	40	5766	77	11772
Nay Pyi Taw	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Source : Road Transport.

**TABLE 14.29 YANGON CITY ROAD TRANSPORT**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, 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
2015-2016	-	-	13027	451505	427825	1994263	440852	2445768
2016-2017	-	-	12785	440623	726993	3388807	739778	3829430
2017-2018	112	1042	12582	435195	542228	2527549	554810	2962744
2018 (Apr-Sep)	53	493	4119	180960	309805	1444120	313924 (r)	1625080 (r)
2018-2019	175	1597	8776	349813	679529	3167551	688305	3517364

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**

<b>Responsible Unit (Service or Structure)</b>	Myanma Posts and Telecommunications, Myanmar Post, Posts and Telecommunications Department, Myanmar Radio and Television, Central Statistical Organization
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	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, Mobile phone subscribers
<b>Classification Variables</b>	Post Offices, Post-cum-Telegraph Office, Letter Mail, Telegraph Offices, Wireless Stations, Telegrams, Telephone in use, Fixed Phones in use, Mobile Phones in use, Auto Exchange, Manual Exchange, Transit Exchange, International Exchange, Mobile Exchange, International Gateway, Government, Public, MPT Satellite, Mobile, Digital Route, Mobile phone users per 100 people, Fixed broadband internet users per 100 people
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Telecommunications Service Users
<b>Tables</b>	14.30, 14.31, 14.32

**TABLE 14.30 COMMUNICATIONS STATISTICS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>POST SERVICE</b>							
Post Offices	1343	1385	1378	1381	1382	1388	1389
Post-cum-Telegraph Office	159	181	150	-	-	-	-
Letter Mail (000)							
Domestic	84545	80941	4631 (r)	3383 (r)	3327 (r)	476	3306
Foreign-Received	541	214	235 (r)	230 (r)	256 (r)	100	272
Sent	1452	118	473 (r)	457 (r)	329 (r)	61	318
<b>TELEGRAPH SERVICE</b>							
Telegraph Offices	158	225	260	-	-	-	-
Wireless Stations	153	120	81	-	-	-	-
Telegrams (000)							
Domestic	3184	879	127	111	97	43	63
Foreign-Received	0.5	-	-	-	-	-	-
Sent	4	-	-	-	-	-	-
<b>TELEPHONE SERVICE</b>							
Telephone in use	489020	1640770	42195800 (r)	54783425 (r)	53681631 (r)	49426634	74182301
Fixed Phones in use	360505 (r)	412931	521626	516831	520372	521233	522760
Mobile Phones in use	128515 *	1227839 *(r)	41674174 *(r)	54266594 *(r)	53161259 *(r)	48905401 *	73659541 *
<b>No. of EXCHANGE</b>							
Auto Exchange	187	387	442	465	450	442	442
Manual Exchange	660	505	76	14	7	6	5
Transit Exchange	4	11	10	10	10	4	4
International Exchange	2	3	2	2	2	1	1
Mobile Exchange	6	13	13	13	13	13	11
Packet Switching	1	-	-	-	-	-	-
International Gateway	1	2	1	1	1	1	1

**TABLE 14.30 COMMUNICATIONS STATISTICS (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

Particular	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Satellite Earth Station</b>							
International	1	2	1	-	-	-	-
Domestic (SCPC)	2	-	-	-	-	-	-
Domestic (VSAT)	11	12	8	4	4	4	-
Domestic (iP Star)	-	-	2594	2039	2218	223	429
<b>No. of e-mail subscribers</b>	-	180938 *	38789 *	34276 *	40570 *	47690 *	3003 *
Government	-	19676 *	13688 *	4985 *	6290 *	10083 *	2704 *
Public	-	161262 *	25101 *	29291 *	34280 *	37607 *	299 *
<b>No. of internet users</b>	67000 #	650330 *(r)	39616991 *(r)	37847723 *(r)	34450223 *(r)	34370448 *(r)	58357140 *
Government	-	68784 *	42506 *	684 *	456 *	464 *	24 *
Public	-	522536 *	273599 *	67076 *	70336 *	72165 *	1548 *
Fiber Line	-	1240 (r)	4740 (r)	5520 *	-	-	-
MPT Satellite	-	7500 (r)	8850	7920 *	7130 *	6720 *	5080 *
E1 Line	-	470 (r)	2100 (r)	2180 *	-	-	-
B2B Internet Line	-	-	3490 (r)	9210 *	22910 *	25770 *	32160 *
ADSL Line	-	37920 (r)	166530 (r)	188110 *	179320 *	177860 *	152730 *
Dail up Line	-	3030 (r)	1373 (r)	-	-	-	-
Mobile	-	8850 (r)	39113803	37567023 *(r)	34170071 *(r)	34087469 *(r)	58165598 *
<b>Microwave Stations</b>	229	330	351	351	360	360	360
<b>Digital Route</b>	74	182	174	174	175	-	-
<b>Analog Route</b>	32	-	-	-	-	-	-

Notes : 1. \*Includes Myanma Posts and Telecommunications as well as Myanmar Teleport.

# Includes e-mail.

2. According to the decision of Union Government Meeting (2/2015), Telegraph offices were changed to Post offices on 1<sup>st</sup> April, 2015.
3. Since 2016-2017, Data for Mobile phones in use and Internet users only included active users.

Sources : 1. Myanma Posts and Telecommunications.  
2. Myanmar Post.  
3. Posts and Telecommunications Department.

**TABLE 14.31 MOBILE PHONE AND FIXED BROADBAND INTERNET DENSITY BY STATES AND REGIONS**  
Years 2017/2018-2018/2019, absolute values

States and Regions	Mobile Phone user per 100 People			Fixed Broadband Internet Users per 100 People		
	2017-2018	2018 (Apr-Sep)	2018-2019	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Union</b>	<b>100</b>	<b>98 (r)</b>	<b>137</b>	<b>0.39</b>	<b>0.07 (r)</b>	<b>0.06</b>
Kachin State	109	99 (r)	132	0.36	0.08 (r)	0.06
Kayah State	148	143 (r)	176	0.97	0.08 (r)	0.06
Kayin State	78	83 (r)	106	0.17	0.04 (r)	0.03
Chin State	98	89 (r)	96	0.34	0.03 (r)	0.04
Sagaing Region	102	96 (r)	123	0.17	0.04 (r)	0.03
Taninthayi Region	93	86 (r)	116	0.36	0.07 (r)	0.03
Bago Region	79	77 (r)	119	0.27	0.03 (r)	0.02
Magway Region	96	104 (r)	200	0.12	0.03 (r)	0.02
Mandalay Region	115	117 (r)	164	0.20	0.12 (r)	0.11
Mon State	101	100 (r)	147	0.42	0.11 (r)	0.06
Rakhine State	55	48 (r)	63	0.11	0.01 (r)	0.01
Yangon Region	151	152 (r)	211	1.17	0.14 (r)	0.16
Shan State	75	69 (r)	90	0.33	0.06 (r)	0.05
Ayeyawady Region	76	73 (r)	96	0.18	0.01 (r)	0.01
Nay Pyi Taw	139	126 (r)	144	1.19	0.08 (r)	0.06

Note : Data are only for active users.

Sources : 1. Posts and Telecommunications Department.  
2. Central Statistical Organization.

**TABLE 14.32 TELEVISION RELAY STATIONS BY STATES AND REGIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values

States and Regions	2005-2006	2010-2011	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>Union</b>	<b>230</b>	<b>237</b>	<b>256</b>	<b>257</b>	<b>257</b>	<b>258</b>	<b>258</b>
Kachin State	26	27	27	27	27	27	27
Kayah State	8	8	8	8	8	8	8
Kayin State	9	9	10	10	10	10	10
Chin State	11	11	11	11	11	11	11
Sagaing Region	26	26	29	29	29	29	29
Tanintharyi Region	17	17	17	18	18	18	18
Bago Region	5	5	5	5	5	5	5
Magway Region	8	8	11	11	11	11	11
Mandalay Region	6	6	6	6	6	6	6
Mon State	6	6	6	6	6	6	6
Rakhine State	13	14	15	15	15	16	16
Yangon Region	2	2	2	2	2	2	2
Shan State	86	89	97	97	97	97	97
Ayeyarwady Region	6	8	10	10	10	10	10
Nay Pyi Taw	1	1	2	2	2	2	2

Source : Myanma Radio and Television.







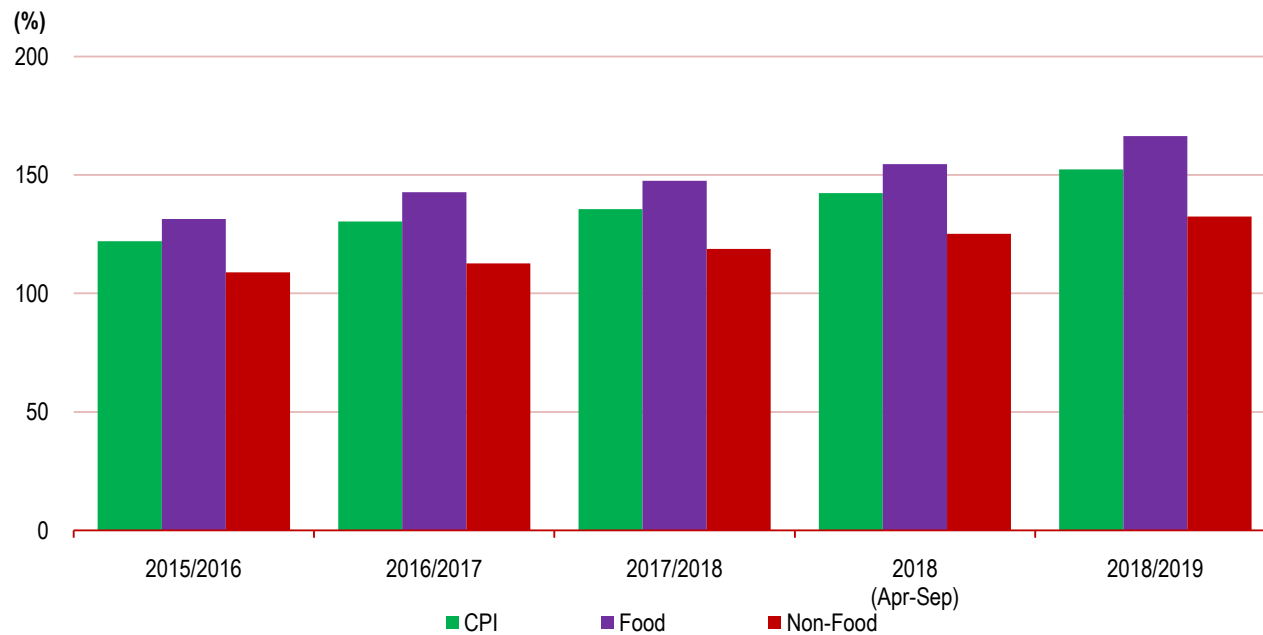
# 15

## Prices and Internal Trade

In Myanmar, the **Consumer Price Index (CPI)** increased by **8.63%** in 2018-2019 as compared to the previous period. | The highest average **price** of **gold** over the past five years was recorded in 2018-2019, **1,085,330** Kyat/tical. | In 2018-2019, the **gold** prices increased by **14.08%** as compared to the previous period. | In 2018 (April-September), the number of cooperative societies was 39,962 and the number of cooperative members was 4,245,727.

**FIGURE 15.1 CONSUMER PRICE INDEX FOR UNION BY GROUP**

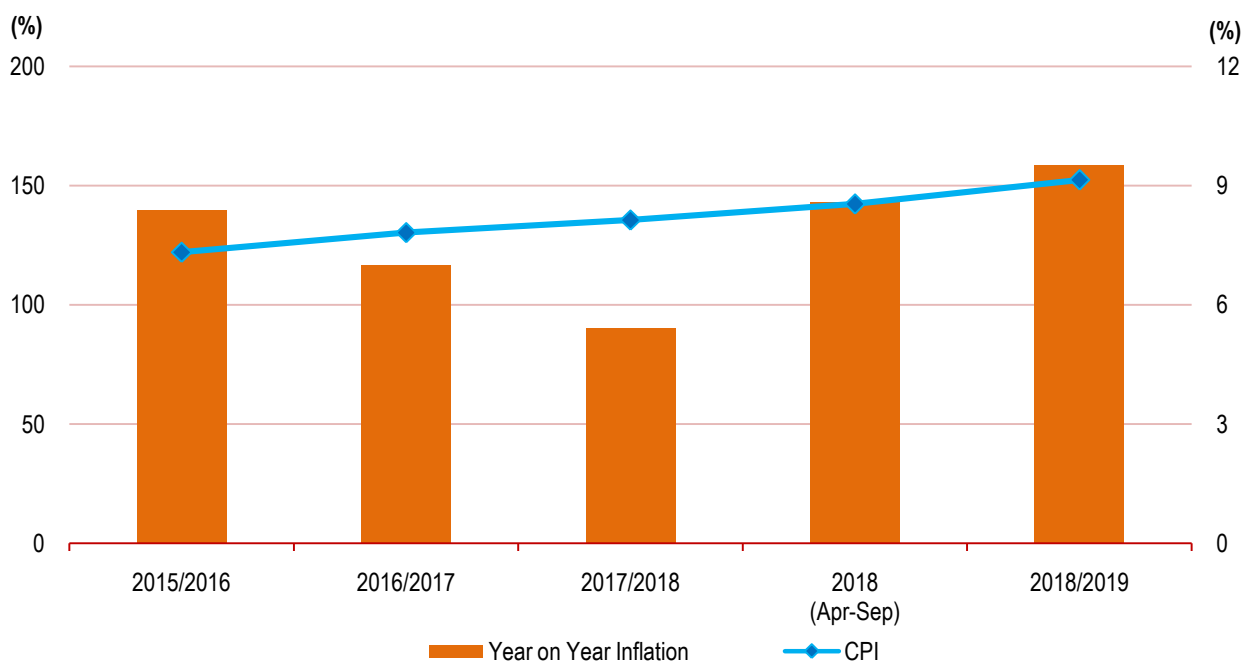
Base Year 2012=100



Source: Central Statistical Organization

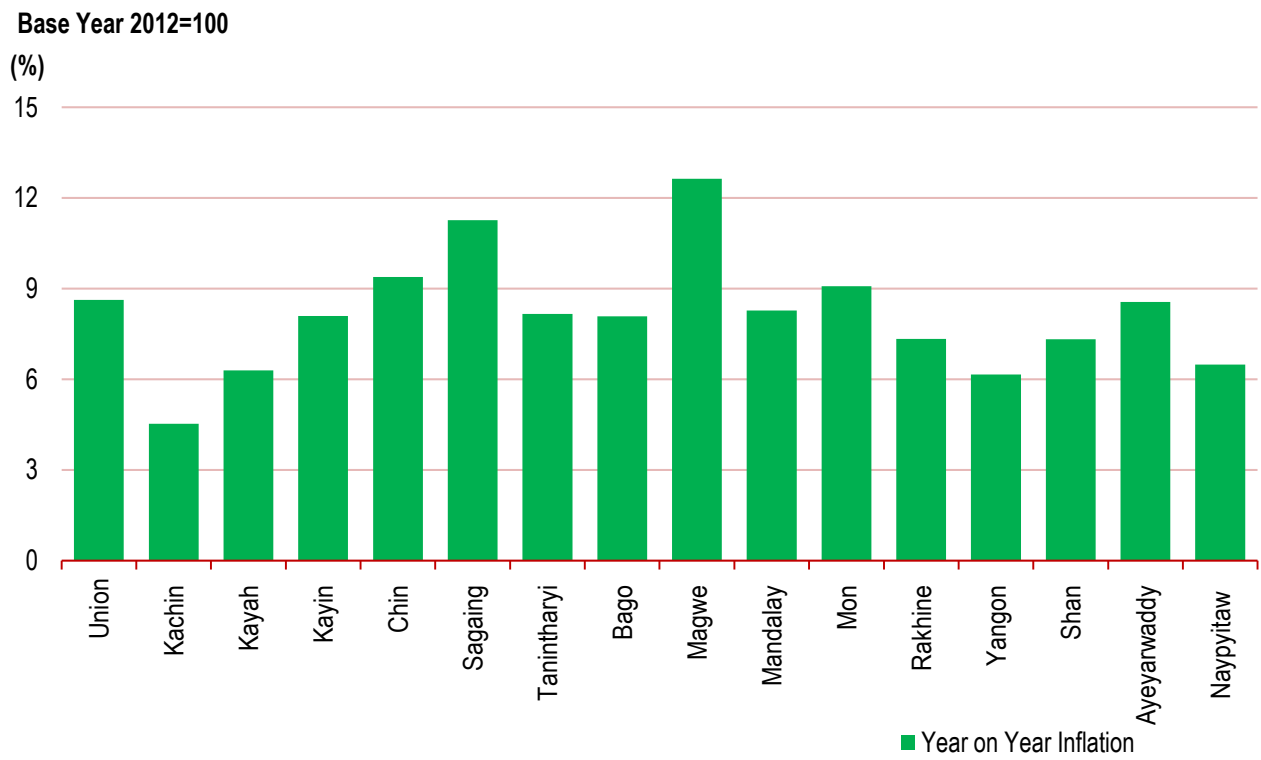
**FIGURE 15.2 CPI & YEAR ON YEAR INFLATION FOR UNION**

Base Year 2012=100



Source : Central Statistical Organization

**FIGURE 15.3** YEAR ON YEAR INFLATION FOR UNION, STATES & REGIONS, 2018 /2019



Source : Central Statistical Organization

## PRICES AND INTERNAL TRADE

### METHODOLOGY SHEET | Prices

<b>Responsible Unit (Service or Structure)</b>	Central Statistical Organization
<b>Level of Disaggregation</b>	Retail prices of 274 commodities are collected from 82 township by once a month
<b>Study Variables</b>	Commodities price, Consumer Price Index, Annual rate of inflation, Statistics on cooperative societies
<b>Classification Variables</b>	Monthly average, Annual average
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Monthly, Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Selected Commodities
<b>Tables</b>	15.01, 15.02, 15.03, 15.04, 15.05

**TABLE 15.01 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES AT YANGON**

Years 2005, 2010, 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2015	2016	2017	2018	2019
<b>A. FOOD &amp; BEVERAGES</b>									
<b>Cereal</b>									
Rice	Ngakywe 38%	Pyi	356.49	900.00	1526.04	1658.59	1954.58	2440.00	2607.92
Rice	Emata 35%	Pyi	314.85	774.68	935.26	1126.79	1162.50	1421.25	1430.83
Rice	Ngasein 35%	Pyi	287.80	700.00	832.59	1070.02	1129.58	1321.04	1527.08
<b>Cereal Products</b>									
Wheat Flour	Local	Viss	765.30	1256.05	1428.57	1485.71	1400.00	1700.00	1800.00
Noodles	Dried	Viss	750.23	1500.00	1500.00	1500.00	1820.00	2000.00	2200.00
Noodles	Wet	Viss	600.50	1000.00	1500.00	1600.00	1600.00	1600.00	1700.00
Vermicelli	Pea	Viss	2195.64	3733.33	4260.90	4500.00	5500.00	6000.00	6000.00
Vermicelli	Rice	Viss	591.59	1189.12	1384.82	1458.08	1700.00	2200.00	2400.00
Bread	Avg.size	Loaf	225.12	510.25	528.81	821.94	912.28	915.00	928.75
Biscuit		Lb	309.74	604.69	593.93	764.44	785.21	804.17	877.71
<b>Oil &amp; Fats</b>									
Sesamum Oil	Pure	Viss	1773.95	3411.02	5204.76	4851.34	5000.00	7000.00	7268.65
Groundnut Oil	Pure	Viss	1864.90	3549.67	4650.42	4743.19	4644.58	5170.42	5876.25
Palm Oil	Foreign	Viss	1375.37	2126.47	1575.83	1706.07	2106.25	2001.25	1859.17
Ghee	Local	Viss	3500.82	7000.00	12000.00	13000.00	12000.00	15000.00	18000.00
Butter	Local	Lb	1500.64	2800.00	4000.00	4400.00	4400.00	4000.00	4200.00
<b>Pulses</b>									
Pegyí	Whole,dried	Viss	808.54	2325.61	2409.79	2730.42	3047.92	3946.25	3876.67
Penilay	Whole,dried	Viss	2008.99	3653.37	3636.33	4094.58	4075.00	3877.08	4265.83
Pesingon	Split,superior	Viss	623.39	1800.00	2331.42	2163.00	1777.35	1990.63	839.34
Gram	Split,mid.qlty	Viss	935.20	1630.39	1799.80	2675.01	3160.42	2725.00	2649.17
Sadawpe	Lonethay	Viss	1074.68	2073.44	2520.97	2473.02	1784.97	2800.00	2842.00
<b>Spices &amp; Condiments</b>									
Chillies	Short,dried	Viss	2643.16	5817.61	8160.25	8902.44	8970.83	12375.00	15425.00
Chillies	Long,dried	Viss	1725.46	3300.00	4016.48	3500.00	6000.00	6562.50	8000.00
Onions	Big	Viss	352.68	618.78	1364.52	944.03	1869.17	1623.75	1654.58
Garlic	Multiple	Viss	1125.00	3300.00	3872.41	4795.23	5337.50	2961.25	3298.33
Tamarind	Seedless	Viss	750.43	2200.00	1626.43	2564.58	3000.00	3250.00	3600.00
Turmeric	Dried tubers	Viss	780.53	3500.00	2867.71	3877.00	4000.00	3000.00	6379.51
Coriander Seed	Whole	Viss	725.00	1386.54	3684.90	4620.83	2400.00	3144.00	2851.37
Salt	Common	Viss	82.70	393.97	347.02	398.29	416.25	435.00	466.25
Taste Powder	Ajinomoto	1 1/2 oz.pkt	134.48	172.63	211.43	269.06	637.50	550.00	564.17

**TABLE 15.01 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES AT YANGON (cont'd)**

Years 2005, 2010, 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2015	2016	2017	2018	2019
<b>Fish &amp; Fish Products</b>									
<b>Fresh Fish</b>									
Ngayan	Medium	Viss	1709.37	4393.38	7752.13	8170.14	8268.75	8956.25	9814.58
Ngakhu	Medium	Viss	2574.14	5399.77	8265.36	8415.69	9487.50	10550.00	11879.17
Ngagy i	Medium	Viss	2709.41	5402.42	9442.13	9505.28	9791.67	10445.83	11866.67
Ngathalauk	Medium	Viss	2438.10	5035.89	8901.76	11910.42	12079.17	12931.25	15412.50
Ngagy in	Kholetha	Viss	1450.59	4317.81	5528.61	6453.47	7570.42	7439.58	7737.50
Pazundoke	Avg. qty	Viss	5554.09	9148.26	14729.91	13570.28	15141.67	15887.50	18158.33
Pazunkyawt	Avg. qty	Viss	2398.14	4727.25	7667.75	7538.47	7560.42	8156.25	9414.58
<b>Dried Fish</b>									
Ngayan	Avg. qty	Viss	6226.40	15295.21	23055.34	26106.74	26837.50	28600.00	31545.83
Ngaboke	Avg. qty	Viss	10002.48	21251.37	24766.59	27857.14	28000.00	40000.00	50000.00
Dried Prawns	Avg. qty	Viss	6480.90	15296.47	23054.19	25301.78	26804.17	30020.83	35666.67
Ngapi Yegyo	Thon-u-zat	Viss	1514.69	2578.35	3119.58	3416.25	3530.00	4023.33	4175.00
Ngapi Seinza	Avg. qty	Viss	1516.52	3349.25	3260.22	3862.50	3900.00	4000.00	4041.67
Nganpyaye, Shrimp	Avg. qty	Viss	520.07	1897.92	1350.00	1239.03	1210.00	1279.17	1413.75
<b>Poultry, Meat &amp; Eggs</b>									
Chicken	Dressed	Viss	3041.36	5481.48	6604.29	7109.72	7716.67	8258.33	8588.14
Duck	Dressed	Viss	2279.69	4387.98	6429.17	6711.35	7000.00	8000.00	10000.00
Mutton		Viss	4416.32	7936.64	16704.62	16033.33	16391.67	21354.17	28312.50
Beef		Viss	2095.80	4948.21	9741.66	9382.64	9812.50	11241.67	14054.17
Pork		Viss	2539.80	5992.39	8126.73	8729.86	9683.33	9954.17	10329.17
Duck Eggs	Avg. size	Doz	628.30	1143.88	1637.86	1490.21	1555.42	1570.00	1814.38
Chicken Eggs	Avg. size	Doz	644.11	1036.20	1334.93	1258.77	1296.67	1293.54	1392.08
<b>Fresh Vegetables &amp; Fruits</b>									
Potatoes	Big	Viss	325.40	960.54	1074.20	1017.89	1257.08	1062.92	1182.92
Tomatoes		Viss	389.83	972.21	1386.10	1371.53	1527.08	1628.33	1876.67
Cabbage		Viss	235.66	410.22	544.61	578.05	491.25	591.25	875.00
Banana	Phigyan	Bunch	301.16	770.27	1239.58	1377.92	1464.17	1448.33	1422.92
Coconut	Avg. size	Each	174.69	382.20	504.86	525.00	587.10	750.00	850.67
Betel Leaves		Viss	1146.82	4498.79	6424.66	7215.97	4539.58	6000.00	5851.39
<b>Beverages</b>									
Green Tea		Viss	2911.84	5975.91	5622.86	6732.44	7841.67	8327.08	8433.33
Black Tea		lb	813.35	2222.07	2800.00	2857.14	3800.00	3200.00	3600.00
Coffee	Ground, pure	lb	1002.58	2799.66	2844.05	2857.14	3800.00	3200.00	4400.00
Horlicks		1lb Bottle	2310.64	2984.21	3284.04	4000.00	4200.00	5500.00	5550.00
Ovaltine		1lb Tin	2295.88	3024.87	3816.19	4034.76	4330.92	4611.25	5318.33
Milk Powder	Lactogen	2.5lb Tin	6399.23	11251.04	11745.24	12142.86	11400.00	10700.00	11350.00
Milk	Fresh	Viss	648.80	1370.38	1658.33	1669.26	1800.00	1500.00	1800.00
Milk Condensed	Local	Viss	1397.70	2700.74	2880.56	2883.33	3000.00	3100.00	3500.00
Sugar		Viss	691.84	1562.35	1334.15	1366.19	1586.25	1587.08	1505.83

**TABLE 15.01 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES AT YANGON (cont'd)**  
 Years 2005, 2010, 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2015	2016	2017	2018	2019
<b>Miscellaneous Food</b>									
Jaggery	Palm	Viss	549.16	1347.59	1284.55	1450.54	2100.00	1800.00	1850.00
Jaggery	Cane	Viss	608.49	1472.27	1139.40	1526.50	1900.00	1600.00	1830.00
Betelnut	Split	Viss	2082.30	2785.84	5675.94	6761.43	5526.56	5000.00	6506.94
<b>B. TOBACCO</b>									
Cheroots		100 Nos.	641.08	1530.85	1785.71	589.88	393.00	332.04	385.71
Cigarettes	Duya	20 Nos.	100.05	217.68	361.96	629.29	659.38	712.92	849.58
Tobacco leaves	Shweletwa	Viss	2232.78	3500.00	4000.00	4200.00	4500.00	4650.00	5500.00
<b>C. FUEL &amp; LIGHT</b>									
Firewood	Avg.size	Viss	70.50	195.14	277.60	305.00	350.00	365.56	376.67
Charcoal	Superior	Viss	208.11	464.03	625.69	608.06	672.92	740.83	768.33
Candles	10 Oz.	Pkt	229.82	386.15	336.90	387.45	410.00	426.25	448.33
Bulb	40 watts	Each	150.55	274.59	284.52	292.86	350.00	400.00	400.00
Dry cells	Local	Each	109.66	327.89	294.52	300.00	300.00	300.00	300.00
<b>D. CLOTHING &amp; APPAREL</b>									
<b>Fabrics</b>									
Longcloth	White,inferior 36"	Yd	346.23	621.93	743.47	787.92	600.00	600.00	1000.00
Tetron	White,inferior 36", foreign	Yd	607.34	865.03	918.75	989.58	1050.00	1500.00	1650.00
Printed Sheeting	Local	Yd	806.87	1470.57	1491.67	1516.67	1300.00	1500.00	1800.00
<b>Garments</b>									
Cotton Longyi	Gents 2/80	Piece	1620.37	3600.00	3617.18	3787.10	5830.00	6158.75	6517.50
Cotton Longyi	Gents 2/64	Piece	1504.27	2840.58	3132.50	3237.08	3500.00	4000.00	4200.00
Vest	1/30 Cord	Each	595.55	999.20	1316.67	1320.50	1300.00	1200.00	1500.00
<b>Other Personal Requisites</b>									
Towel	Local24"x52"	Each	697.92	1816.14	2059.03	2354.72	2350.00	2365.00	2402.50
Leather Slippers	Gents,avg.qty	Pair	1858.17	3786.24	4064.22	5808.47	6365.83	6584.17	6830.00
Rubber Slippers	Gents,avg.qty	Pair	1061.17	2110.89	2505.56	2516.11	2602.18	2625.42	2735.00
Umbrella	Nyloncloth	Each	1995.46	4346.29	4663.87	4583.25	4893.33	4987.08	5119.33

**TABLE 15.01 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES AT YANGON (concl'd)**  
Years 2005, 2010, 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2015	2016	2017	2018	2019
<b>E. HOUSE REPAIRS</b>									
<b>House Repairs</b>									
Dhani	Laputta	100 Nos.	2668.60	7910.42	7755.82	7950.00	9073.19	12000.00	15000.00
Bamboo	Kyathaug	100 Nos.	32214.17	124195.94	132750.00	133029.76	135000.00	130000.00	170000.00
Wire Nails	1", 1.5" Size	Viss	1864.18	2249.80	1994.44	2100.00	2000.00	3000.00	2500.00
<b>F. MISCELLANEOUS</b>									
<b>Toilet &amp; Cleansing Articles</b>									
Toilet Soap	Lux	Cake	75.80	n.a	286.79	347.72	397.50	397.50	400.00
Washing Soap	Shwewah	Bar	106.64	233.02	176.90	206.95	265.42	270.42	276.25
Carbolic Soap	Single	Cake	150.38	105.00	100.00	100.00	100.00	100.00	200.00
Detergent	Thetha	Pkt	162.27	298.85	312.62	512.76	520.00	526.04	537.50
Tooth paste	Pepsodent	Tube	206.76	347.30	363.57	411.94	483.04	499.17	486.25
Tooth Brush	Foreign	Each	195.78	500.00	700.00	750.00	800.00	1200.00	1500.00
Thanakha	Shwepyinan	Box	-	-	1500.00	1807.50	1800.00	2000.00	2000.00
<b>Household Articles</b>									
Mat	3'x6'	Each	1513.47	4127.83	5891.67	9839.72	11202.50	11377.50	11560.83
Alluminium Ware		Lb	1647.59	2208.76	2223.61	2321.88	4362.50	3000.00	3500.00
<b>Medicine</b>									
Penicillin	500000 unit	10 vial	1251.08	7440.55	3306.67	3366.67	3000.00	2566.67	2750.00
Tunshwewar	1oz. bottle	Bot	-	-	500.00	550.00	700.00	750.00	800.00
Burplex	100 tablets	Bot	299.17	533.57	547.86	605.80	1500.00	1381.25	1450.00
	M.P.F								
Cevit	100 tablets	Bot	500.72	575.00	427.14	1000.00	1500.00	1150.00	1475.00
	M.P.F								
Paracetamol	100 tablets	Bot	390.41	622.88	807.50	830.00	900.00	1500.00	2500.00
Gripe Mixture	4oz. bottle	Bot	150.00	500.00	285.00	600.00	850.00	1100.00	1250.00
	M.P.F								
Glucose Cal.D	1lb. M.P.F	Pkt	900.43	900.00	750.00	1000.00	1500.00	1600.00	2200.00
<b>Others</b>									
Exercise Book	80 pages	10 nos	1351.05	2502.59	2300.00	2372.78	2472.50	2686.67	3077.08
Newspaper	The New Light of Myanmar	Copy	100.00	100.00	100.00	100.00	100.00	100.00	200.00
Lead Pencil	Superior	No.	30.35	50.00	70.00	80.00	100.00	100.00	100.00

Source : Central Statistical Organization.



**TABLE 15.02 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES (UNION)**  
Years 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2015	2016	2017	2018	2019
<b>A. FOOD &amp; BEVERAGES</b>							
<b>Cereal</b>							
Rice	Emata 35%	Pyi	1172.29	1220.58	1322.15	1436.57	1502.84
<b>Cereal Product</b>							
Wheat Flour		Viss	1467.36	1516.10	1396.67	1508.99	1724.44
Vermicelli (Rice)		Viss	1543.19	1610.28	1581.65	1751.85	1869.11
Biscuit		lb	736.50	724.16	660.17	664.29	676.62
<b>Oil &amp; Fats</b>							
Groundnut Oil	Pure	Viss	4857.21	5122.73	5254.14	5688.87	6584.76
Palm Oil	Foreign	Viss	1898.80	1990.31	2154.50	2100.97	2054.05
<b>Pulses</b>							
Pegy i	Whole, dried	Viss	1944.62	2600.06	2612.01	3171.94	3116.67
Penilay	Whole, dried	Viss	3720.12	4596.64	4201.50	3666.32	3684.48
Gram	Split, mid. qty	Viss	1906.12	2721.69	3234.63	2618.53	2369.13
Sadawpe	Lonethay	Viss	1860.82	2066.38	2260.14	2258.30	2132.51
<b>Spices &amp; Condiments</b>							
Chillies	Short, dried	Viss	7236.53	8626.86	7957.18	9278.07	11166.62
Onions	Big	Viss	1288.09	933.04	1911.90	1535.52	1431.72
Garlic	Multiple	Viss	3849.67	4892.29	5144.49	2817.18	3076.36
Salt	Common	Viss	332.15	359.24	381.31	415.26	485.65
Taste Power	Ajinomoto	1 1/2 oz. pkt	195.93	194.48	369.22	352.04	396.16
<b>Fish &amp; Fish Products</b>							
<b>Fresh Fish</b>							
Ngayan	Medium	Viss	6234.62	6539.65	7780.44	8080.99	8802.33
Ngakhu	Medium	Viss	6450.73	8175.17	7549.90	8025.36	8987.55
Ngagi i	Medium	Viss	7196.00	8856.40	8799.81	9245.69	10394.17
Ngathalauk	Medium	Viss	8448.34	9389.69	9764.54	10316.99	12589.38
Ngagi in	Medium	Viss	5852.36	8135.88	6637.61	6806.39	7271.11
Ngamy itchin	Medium	Viss	4127.22	4619.48	4467.59	4488.39	5109.71
Pazundoke	Avg. qty	Viss	14800.91	15909.07	15759.80	16812.66	18154.78
Pazunkyawt	Avg. qty	Viss	7771.45	7599.35	9033.68	9708.60	10925.55
<b>Dried Fish</b>							
Ngayan	Avg. qty	Viss	22506.45	25218.66	26891.62	28727.52	31327.57
Ngakumshut	Avg. qty	Viss	17494.39	18426.36	18315.64	19123.64	19882.89
Dried Prawns	Avg. qty	Viss	22883.03	26209.88	27398.29	30052.45	32987.94
Ngapi Yegyo	Thon-u-zat	Viss	2942.25	3749.92	3164.69	3281.53	3355.20
Ngapi Seinza	Avg. qty	Viss	3034.43	3557.39	3641.79	3748.21	3859.99
Nganpyaye,	Avg. qty	Viss	1842.89	1835.75	2995.59	2566.67	3669.70
Shrimp							
Nganpyaye, (fish)	Avg. qty	Viss	1204.40	1179.79	1243.53	1282.02	1369.76

**TABLE 15.02 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES (UNION) (cont'd)**  
Years 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2015	2016	2017	2018	2019
<b>Poultry, Meat &amp; Eggs</b>							
Chicken	Dressed	Viss	6242.77	6431.21	6909.71	6930.97	7290.87
Duck	Dressed	Viss	6175.82	6335.10	6543.75	6970.24	7472.02
Mutton		Viss	13508.89	14026.24	14443.62	16768.24	21521.80
Beef		Viss	9343.96	10218.21	10546.43	11123.15	13609.30
Pork		Viss	8012.38	8507.15	8654.39	9259.92	9542.74
Duck Eggs	Avg.size	Doz	1719.89	1613.46	1622.15	1667.51	1872.22
Chicken Eggs	Avg.size	Doz	1423.91	1276.44	1207.36	1272.63	1376.46
<b>Fresh Vegetables &amp; Fruits</b>							
Potatoes	Big	Viss	1048.13	1070.61	1162.91	1081.67	1179.94
Tomatoes		Viss	1240.84	1117.29	1233.06	1195.33	1395.50
Cabbage		Viss	625.86	651.95	665.63	607.28	757.25
Longbean		Viss	1077.65	1168.61	1166.86	1275.74	1315.42
Coconut	Avg.size	Each	521.73	552.42	607.10	625.33	640.90
Banana	Phigyan	Bunch	933.00	1072.66	1146.22	1139.55	1183.31
Betel Leaves		Viss	6256.92	5946.47	5169.20	7120.16	4989.18
<b>Beverages</b>							
Green Tea		Viss	5843.41	6579.23	6268.07	6446.85	6784.82
Black Tea		lb	2809.72	2627.54	3400.00	3500.00	3700.00
Coffee	Ground,pure	lb	2836.00	2999.11	3800.00	4000.00	4000.00
Milk	Fresh	Viss	1687.10	1825.39	1975.31	1999.38	2048.15
Sugar		Viss	1268.07	1426.42	1577.11	1494.31	1397.25
Hoilick		1lb(bottle)	3809.96	4202.70	3500.00	5500.00	5500.00
Overtime		1lb Tin	3786.55	4196.36	4231.64	4594.93	5101.01
Milk Powder		2.5 lb Tin	12345.60	13018.22	8458.33	8767.86	8957.76
Milk Condensed (Local)		Viss	2596.96	2605.81	3100.00	3100.00	3300.00
Milk Condensed (Foreign)		Each	834.66	827.27	744.04	768.24	827.88
<b>Miscellaneous Food</b>							
Jaggery	Palm	Viss	1387.08	1634.18	1904.01	1840.14	1857.41
Jaggery	Cane	Viss	1289.20	1763.66	1711.11	1744.44	1883.33
Betelnut	Split	Viss	6266.37	7007.01	7876.56	7670.08	7337.46
<b>B. TOBACCO</b>							
Cheroots		100 Nos.	1587.56	1711.60	1510.86	1663.27	2019.58
<b>C. FUEL &amp; LIGHT</b>							
<b>Fuel &amp; Light</b>							
Firewood	Avg.size	100Pieces	281.64	294.20	293.13	319.17	348.60
Charcoal	Superior	10Viss Bag	440.34	486.88	586.49	631.80	673.65
Candle	(10 oz)	Pkt	424.12	440.33	398.16	416.66	442.12
Bulb	40 W	Each	299.91	305.51	400.00	400.06	458.33
Dry Cell	Local	Each	281.94	286.33	209.27	209.56	223.55

**TABLE 15.02 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES (UNION) (concl'd)**  
Years 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2015	2016	2017	2018	2019
<b>D. Clothing &amp; Apparel</b>							
<b>Fabrics</b>							
Long Cloth	White, Inferior	yd	854.39	859.73	650.00	650.00	850.00
Tetron	White, Inferior	yd	1174.15	1184.24	1150.00	1550.00	1750.00
Printed sheeting	Local	yd	1580.39	1629.62	1300.00	1600.00	1750.00
<b>Garments</b>							
Cotton Longyi	Gents 2/64	Piece	3803.30	3785.05	4630.39	4812.41	4903.06
Vest	1/30 Cort	Each	1458.05	1641.29	1631.55	1631.40	1770.44
<b>Other Personal</b>							
Requisites							
Towel	Local 24*52	Each	2272.33	2368.73	2100.00	2672.87	2745.92
Lether Slippers	Gent, av g. qty	pair	4589.70	5238.42	5034.17	5122.39	5394.91
Rubber Slippers	Gent, av g. qty	pair	2594.32	2651.16	2421.63	2483.67	2687.99
Umbrella	Nylon cloth	Each	4340.06	4711.60	5344.27	5318.48	5567.97
<b>E. MISCELLANEOUS</b>							
<b>Toilet &amp; Cleansing Articles</b>							
Washing Soap	Shwewah	Bar	218.60	216.67	227.35	232.54	239.74
Detergant	thettha	pkt	313.27	322.86	313.94	339.33	367.96
Toothpaste	pesodent	tube	406.84	413.02	543.46	572.76	652.84
Thanakha	Groung, wet	Viss	2906.83	3377.62	2010.96	2130.63	2142.97
<b>Household Article</b>							
Mat	3*6'	Each	6641.34	7245.81	9723.33	10557.34	11829.91
Aluminium ware		lb	2638.64	2695.10	4665.86	4781.32	5091.63
<b>Medicine</b>							
Paracetamol	100 tablets	100	791.95	795.23	850.00	1000.00	1000.00
<b>Other</b>							
Ex ercise book	80 pages	10 nos	2418.49	2434.44	2303.10	2420.21	2562.03
Ball pen	Reynolds	Each	204.22	167.85	218.01	218.73	222.25
Lead pencil		Each	80.04	83.30	100.00	100.00	100.00

Source : Central Statistical Organization.

**TABLE 15.03 AVERAGE WHOLESALE PRICES OF SELECTED COMMODITIES AT YANGON**  
Years 2005, 2010, 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2015	2016	2017	2018	2019
<b>A. CEREAL</b>									
Rice	Ngakywe 38%	50Kg.bag	7595	18000	30467	34875 (r)	41818	42800	45745
Rice	Emata 35%	50Kg.bag	6596	14900	18672	21271	21600	21970	22118
Rice	Ngasein 35%	50Kg.bag	6379	14000	16622	18854	20400	20723	23955
<b>B. OIL &amp; OIL SEEDS</b>									
Oil,Sesamum		100-Viss	167448	317000	510500	402083	492727	545333	644167
Oil,Groundnut		100-Viss	183245	345000	402500	452917	430000	447619	518209
Oil,Coconut	Inedible	100-Viss	124184	290000	400000	365833	379167	346563	301667
Sesamum	Seed	100-Viss	87410	194122	478542	377917	319000	361071	481667
Groundnut	Husked	100-Viss	97968	161013	220722	169167	170000	166700	245833
Coconut,dried	Avg.size	100-Nos	14469	21000	32125	37000	42800	43571	50000
<b>C. PULSES</b>									
Gram	Whole,mid.qlty	100-Bkts	843450	2098957	3328962	5048100	4643777	3759137	3646363
Pesingon	Whole,mid.qlty	100-Bkts	1101600	2536640	3730264	2475182	1777349	1981945	746542
Peyi	Whole,mid.qlty	100-Bkts	1210460	3208330	2670312	2876824	4100833	4980052	3242500
Matpe	Whole,mid.qlty	100-Bkts	1100000	2810180	4770399	3107932	2351691	2254098	878667
Penilay	Mid.qlty	100-Viss	188330	250000	340417	313750	364167	324118	271667
Peboke	Mid.qlty	100-Bkts	979440	1747360	1743778	1911265	1994208	2399286	2225883
Pelun	Mid.qlty	100-Bkts	1110460	2267600	2564343	2431604	2512083	2371176	2378438
Sadawpe	Lone-thay	100-Bkts	1951140	2967220	3296780	3534083	2312500	2310650	2605250
Sadawpe	Lone-gyi	100-Bkts	1916920	260000	2665000	2675000	2200000	2300000	2334713
<b>D. SPICES &amp; CONDIMENTS</b>									
Chillies, dried	Long	100-Viss	176678	206982	334706	306250	380000	392188	461250
Chillies, dried	Short	100-Viss	241894	448210	754620	508333	758333	853333	913000
Onions	Big	100-Viss	33268	34263	89063	60708	106875	106357	111675
Garlic	Multiple	100-Viss	104170	258232	240354	374792	330909	196567	206395
Turmeric	Dried tubers	100-Viss	71246	301265	229417	275618	381667	386842	389167
Tamarind	Seedless	100-Viss	62478	114745	130115	232167	299167	296000	196667
Coriander Seed	Whole	100-Viss	65073	138654	294792	442083	148750	195000	176850
Salt	Common	100-Viss	7265	20000	22013	21083	25417	33000	37083

**TABLE 15.03 AVERAGE WHOLESALE PRICES OF SELECTED COMMODITIES AT YANGON (concl'd)**  
Years 2005, 2010, 2015-2019, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2015	2016	2017	2018	2019
<b>E. FISH &amp; FISH PRODUCTS</b>									
<b>Fresh Fish</b>									
Ngayan		100-Viss	157880	259340	460833	485417	699167	762092	792575
Ngakhu		100-Viss	215000	340830	474167	534167	862500	974625	1013610
Ngagyi		100-Viss	237018	300240	473750	546667	867500	980275	999880
Ngagyin		100-Viss	137085	295420	395625	502083	613333	723733	738207
Ngathalauk		100-Viss	233832	426670	1103333	1150000	1508333	1674250	1690992
Pazundoke		100-Viss	500000	705000	2015833	1489583	1100000	1210000	1382600
Pazunkyawt		100-Viss	203070	359170	507500	406667	590833	738541	827165
<b>Fish Products</b>									
Dried Fish	Ngayan	100-Viss	594162	1100579	2260417	2795833	2650000	2735714	2900000
Dried Prawns	Avg.qlty	100-Viss	615638	1105373	2145833	2066250	3050000	3266667	3350000
Ngapi Yegyo	Thon-u-zat	100-Viss	128609	145500	258333	232273	297273	338891	345668
Ngapi Seinza	Avg.qlty	100-Viss	136016	215000	250000	270000	290909	296727	354167
Nganpyaye, Fish	Avg.qlty	100-Viss	24851	50000	60000	101146	111818	115284	116436
<b>F. POULTRY &amp; MEAT</b>									
Chicken	Alive	100-Viss	217398	470916	578842	651250	687500	715909	741667
Duck	Alive	100-Viss	157917	351833	397817	364167	450833	518458	601667
Pork	Halves	100-Viss	187560	302500	662500	570000	456333	463178	680000
Mutton	Halves	100-Viss	314151	400000	835000	835000	595000	743750	1273333
Beef	Halves	100-Viss	179790	255830	480000	510000	371000	426650	796667
<b>G. OTHER FOOD</b>									
Potatoes	Avg.size	100-Viss	30344	62445	64750	62583	74450	60295	60500
Palm Jaggery	Myingyan	100-Viss	52516	96489	128771	137987	140000	154000	154875
Cane Jaggery	Bilin	100-Viss	56179	101489	91188	123229	142000	127045	127500
Green Tea	Mid.qlty	100-Viss	211917	475000	605833	623212	374583	403750	493333
Tobacco Leaves	Shweletwa	100-Viss	200858	250000	367500	391667	439167	376667	384200
Thanatphet	La	100-Viss	150062	180000	406250	414917	443750	455000	486250
Betelnut	Whole,Ye	100-Viss	188230	220000	356510	610417	581667	474167	520000
Vermicelli	Pea	100-Viss	203865	314170	378750	686250	462500	499500	495833
Vermicelli	Rice	100-Viss	55068	93250	129833	184183	145000	155692	196942

Source : Central Statistical Organization.

**TABLE 15.04 CONSUMER PRICE INDEX (UNION)**

Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	122.09	130.33	135.59	142.37	152.41
FOOD AND NON-ALCOHOLIC BEVERAGES	131.39	142.81	147.52	154.58	166.46
ALCOHOLIC BEVERAGES, TOBACCO	121.09	128.14	140.20	142.54	147.04
CLOTHING AND FOOTWEAR	111.37	115.76	117.68	120.31	125.10
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	124.87	132.44	139.22	147.55	163.65
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	109.50	113.21	115.59	118.91	126.66
HEALTH	122.98	129.56	135.21	140.71	150.19
TRANSPORT	92.41	91.54	100.56	109.44	113.28
COMMUNICATION	96.14	94.65	100.51	102.37	101.71
RECREATION AND CULTURE	102.88	105.10	105.87	107.59	115.43
EDUCATION	117.30	121.85	122.52	130.02	135.18
RESTAURANTS AND HOTELS	105.93	109.89	115.36	122.65	126.95
MISCELLANEOUS GOODS AND SERVICES	111.12	118.32	123.50	127.68	138.59
Non-Food	108.95	112.73	118.77	125.20	132.64
Annual Change in CPI(%)	9.99	6.75	4.03	7.10	8.63

**TABLE 15.04 CONSUMER PRICE INDEX (KACHIN STATE)**

Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	123.57	133.41	140.36	147.16	152.39
FOOD AND NON-ALCOHOLIC BEVERAGES	131.40	142.43	144.60	144.89	149.82
ALCOHOLIC BEVERAGES, TOBACCO	124.59	136.60	142.99	150.69	152.50
CLOTHING AND FOOTWEAR	105.08	115.86	119.77	127.02	133.66
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	143.13	162.80	215.67	275.75	290.07
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	108.33	116.34	117.82	121.72	131.82
HEALTH	119.95	124.36	126.41	128.03	132.77
TRANSPORT	83.04	84.19	96.68	110.89	107.95
COMMUNICATION	92.40	90.96	97.76	100.29	99.77
RECREATION AND CULTURE	97.50	98.53	100.62	105.99	118.67
EDUCATION	103.90	103.90	103.90	111.68	120.25
RESTAURANTS AND HOTELS	112.69	121.20	123.14	124.70	124.65
MISCELLANEOUS GOODS AND SERVICES	109.15	114.77	119.18	125.35	139.58
Non-Food	109.59	117.27	132.79	151.22	156.98
Annual Change in CPI(%)	7.13	7.96	5.22	7.95	4.53

**TABLE 15.04 CONSUMER PRICE INDEX (KAYAH STATE)**

Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	124.80	136.38	142.11	145.24	154.07
FOOD AND NON-ALCOHOLIC BEVERAGES	135.18	150.07	153.92	155.96	167.78
ALCOHOLIC BEVERAGES, TOBACCO	112.34	115.60	137.93	132.92	139.86
CLOTHING AND FOOTWEAR	111.35	112.33	116.35	118.87	121.46
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	122.25	143.69	154.44	159.78	177.76
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	125.15	142.79	147.42	154.44	154.50
HEALTH	124.98	126.99	121.74	121.79	121.79
TRANSPORT	85.78	80.35	89.57	100.71	101.75
COMMUNICATION	92.72	90.36	91.80	92.85	92.76
RECREATION AND CULTURE	107.22	107.97	108.06	115.89	119.72
EDUCATION	115.73	116.70	116.70	116.70	118.51
RESTAURANTS AND HOTELS	123.69	145.92	164.31	168.45	170.09
MISCELLANEOUS GOODS AND SERVICES	127.82	139.35	141.64	142.62	147.32
Non-Food	110.85	117.95	126.21	130.80	135.63
Annual Change in CPI(%)	15.25	9.27	4.20	4.07	6.30

**TABLE 15.04 CONSUMER PRICE INDEX (KAYIN STATE)**

Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	111.04	119.78	124.32	130.92	138.95
FOOD AND NON-ALCOHOLIC BEVERAGES	118.15	131.44	136.42	144.75	155.44
ALCOHOLIC BEVERAGES, TOBACCO	119.22	118.57	125.30	129.66	133.14
CLOTHING AND FOOTWEAR	97.09	103.52	108.56	112.44	117.61
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	102.89	111.40	111.45	113.33	124.74
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	124.90	135.76	140.15	141.33	147.18
HEALTH	108.55	109.53	110.62	112.45	114.38
TRANSPORT	89.99	86.28	93.79	102.80	103.42
COMMUNICATION	94.26	93.63	92.86	92.86	92.86
RECREATION AND CULTURE	106.87	106.75	109.25	110.50	113.11
EDUCATION	115.12	115.12	116.20	119.43	119.43
RESTAURANTS AND HOTELS	93.69	94.76	98.41	102.24	102.39
MISCELLANEOUS GOODS AND SERVICES	98.62	102.84	106.28	109.08	120.54
Non-Food	100.82	103.11	107.02	111.17	115.39
Annual Change in CPI(%)	5.98	7.87	3.79	6.90	8.10

**TABLE 15.04 CONSUMER PRICE INDEX (CHIN STATE)**

Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	164.85	175.90	180.62	186.98	202.59
FOOD AND NON-ALCOHOLIC BEVERAGES	173.96	185.33	191.28	196.60	201.74
ALCOHOLIC BEVERAGES, TOBACCO	141.10	165.82	168.93	170.73	177.38
CLOTHING AND FOOTWEAR	123.37	131.82	131.82	134.81	150.98
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	198.78	207.97	207.90	224.20	314.54
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	124.26	149.95	157.85	159.35	167.61
HEALTH	147.85	165.28	165.28	173.53	218.98
TRANSPORT	103.14	99.04	104.26	114.04	113.70
COMMUNICATION	100.00	100.00	103.29	104.38	104.38
RECREATION AND CULTURE	88.41	95.19	94.66	96.25	101.68
EDUCATION	96.66	96.66	96.66	105.97	124.58
RESTAURANTS AND HOTELS	182.42	206.12	214.66	218.66	233.19
MISCELLANEOUS GOODS AND SERVICES	121.02	130.27	132.83	136.21	143.50
Non-Food	147.45	157.95	160.34	168.69	204.19
Annual Change in CPI(%)	24.58	6.71	2.68	5.14	9.39

**TABLE 15.04 CONSUMER PRICE INDEX (SAGAING REGION)**

Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	123.06	129.46	133.06	136.88	151.64
FOOD AND NON-ALCOHOLIC BEVERAGES	133.02	141.94	145.18	148.77	166.50
ALCOHOLIC BEVERAGES, TOBACCO	126.11	114.14	120.75	123.37	131.69
CLOTHING AND FOOTWEAR	111.33	112.78	113.22	115.25	126.21
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	114.26	119.74	123.19	127.93	150.85
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	110.40	115.38	117.93	119.88	135.96
HEALTH	122.36	129.27	129.58	130.44	141.64
TRANSPORT	98.30	97.39	105.89	114.28	120.24
COMMUNICATION	100.26	100.26	105.32	105.79	101.77
RECREATION AND CULTURE	105.65	108.66	109.21	109.91	114.35
EDUCATION	117.88	129.58	129.58	129.80	131.50
RESTAURANTS AND HOTELS	97.03	97.19	97.92	100.12	105.60
MISCELLANEOUS GOODS AND SERVICES	109.62	116.48	121.86	124.77	137.33
Non-Food	107.12	109.48	113.67	117.83	127.86
Annual Change in CPI(%)	10.18	5.20	2.78	4.94	11.27



**TABLE 15.04 CONSUMER PRICE INDEX (TANINTHAYI REGION)**  
Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	110.55	115.83	121.38	128.14	135.97
FOOD AND NON-ALCOHOLIC BEVERAGES	117.89	126.58	133.30	142.08	154.45
ALCOHOLIC BEVERAGES, TOBACCO	129.78	135.33	139.96	139.74	146.06
CLOTHING AND FOOTWEAR	113.22	115.33	116.49	116.24	117.67
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	103.54	104.48	106.70	110.52	112.84
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	102.40	105.66	108.39	109.17	110.20
HEALTH	91.35	90.21	94.62	99.18	99.18
TRANSPORT	87.18	85.85	95.83	107.24	110.04
COMMUNICATION	89.31	87.03	88.32	89.29	88.41
RECREATION AND CULTURE	97.56	98.43	98.33	98.33	98.81
EDUCATION	129.27	129.27	129.27	129.27	129.27
RESTAURANTS AND HOTELS	107.49	111.98	112.03	112.11	112.11
MISCELLANEOUS GOODS AND SERVICES	107.93	112.08	115.94	119.47	127.97
Non-Food	101.85	103.09	107.24	111.62	114.06
Annual Change in CPI(%)	6.37	4.77	4.79	7.24	8.16

**TABLE 15.04 CONSUMER PRICE INDEX (BAGO REGION)**  
Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	120.55	128.53	133.44	138.69	148.07
FOOD AND NON-ALCOHOLIC BEVERAGES	130.31	141.45	146.26	151.15	162.11
ALCOHOLIC BEVERAGES, TOBACCO	111.65	110.15	124.99	132.21	133.54
CLOTHING AND FOOTWEAR	106.02	115.43	116.63	119.37	123.92
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	132.64	146.74	151.92	156.94	169.28
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	108.39	89.95	86.42	88.93	92.69
HEALTH	92.18	90.86	93.93	98.57	105.60
TRANSPORT	91.82	91.59	101.95	111.00	116.03
COMMUNICATION	88.96	87.92	92.66	94.26	94.09
RECREATION AND CULTURE	93.53	96.57	97.49	101.03	109.41
EDUCATION	95.86	96.24	96.77	108.07	115.12
RESTAURANTS AND HOTELS	98.77	99.31	102.80	108.80	115.23
MISCELLANEOUS GOODS AND SERVICES	117.41	126.09	131.26	135.10	146.29
Non-Food	106.23	109.57	114.64	120.42	127.47
Annual Change in CPI(%)	9.78	6.61	3.82	5.41	8.08

**TABLE 15.04 CONSUMER PRICE INDEX (MAGWAY REGION)**  
Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	124.76	131.22	135.77	145.88	160.66
FOOD AND NON-ALCOHOLIC BEVERAGES	133.21	138.88	141.29	153.25	173.87
ALCOHOLIC BEVERAGES, TOBACCO	118.19	134.01	144.08	140.47	148.41
CLOTHING AND FOOTWEAR	124.92	130.02	133.61	135.75	138.57
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	124.17	150.83	162.15	163.56	172.64
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	105.63	109.46	113.26	119.06	128.96
HEALTH	131.96	136.57	155.63	170.54	175.52
TRANSPORT	96.74	92.66	99.81	109.36	114.85
COMMUNICATION	101.32	98.97	103.35	103.93	103.10
RECREATION AND CULTURE	101.94	122.13	122.88	123.57	124.81
EDUCATION	125.78	128.95	129.79	129.79	129.79
RESTAURANTS AND HOTELS	105.73	110.01	119.25	138.42	140.61
MISCELLANEOUS GOODS AND SERVICES	105.43	113.35	118.27	120.82	131.44
Non-Food	111.44	119.12	127.06	134.26	139.83
Annual Change in CPI(%)	9.93	5.17	3.47	10.41	12.63

**TABLE 15.04 CONSUMER PRICE INDEX (MANDALAY REGION)**  
Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	119.43	126.27	130.79	135.81	145.68
FOOD AND NON-ALCOHOLIC BEVERAGES	130.23	140.57	144.09	149.95	159.91
ALCOHOLIC BEVERAGES, TOBACCO	103.51	109.16	121.01	121.80	126.81
CLOTHING AND FOOTWEAR	101.78	108.46	110.09	111.32	116.16
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	119.07	119.76	121.54	123.62	140.61
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	103.23	107.97	109.39	114.11	125.19
HEALTH	142.14	159.28	172.45	180.46	209.12
TRANSPORT	91.15	88.96	99.48	107.53	112.09
COMMUNICATION	94.14	91.69	97.78	100.04	100.01
RECREATION AND CULTURE	99.12	99.43	99.78	101.64	108.61
EDUCATION	105.18	107.48	108.62	114.83	131.33
RESTAURANTS AND HOTELS	103.94	104.60	109.67	106.95	115.32
MISCELLANEOUS GOODS AND SERVICES	104.16	109.50	113.22	116.66	131.88
Non-Food	103.28	104.91	110.90	114.67	124.40
Annual Change in CPI(%)	9.21	5.73	3.57	5.85	8.28

**TABLE 15.04 CONSUMER PRICE INDEX (MON STATE)**  
Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	116.21	122.53	128.03	138.09	146.35
FOOD AND NON-ALCOHOLIC BEVERAGES	124.34	132.17	138.47	151.63	162.10
ALCOHOLIC BEVERAGES, TOBACCO	104.41	111.11	116.52	119.16	133.61
CLOTHING AND FOOTWEAR	116.51	113.39	116.02	117.47	120.30
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	118.76	119.84	122.37	124.92	142.58
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	112.72	118.93	124.36	127.35	130.90
HEALTH	133.62	141.60	146.92	147.53	147.71
TRANSPORT	84.90	86.22	95.68	106.05	104.92
COMMUNICATION	89.74	86.41	90.91	92.71	91.79
RECREATION AND CULTURE	114.30	115.57	120.37	124.22	125.25
EDUCATION	86.84	122.81	123.39	151.27	151.27
RESTAURANTS AND HOTELS	98.17	100.33	102.89	108.24	108.26
MISCELLANEOUS GOODS AND SERVICES	103.83	108.94	114.88	116.43	125.38
Non-Food	104.90	109.13	113.50	119.26	124.43
Annual Change in CPI(%)	7.97	5.44	4.48	9.75	9.08

**TABLE 15.04 CONSUMER PRICE INDEX (RAKHINE STATE)**  
Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	136.45	154.77	167.51	180.18	189.35
FOOD AND NON-ALCOHOLIC BEVERAGES	143.30	167.07	180.55	197.30	207.60
ALCOHOLIC BEVERAGES, TOBACCO	131.14	153.96	171.57	179.83	174.87
CLOTHING AND FOOTWEAR	127.07	131.68	132.70	135.19	140.20
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	160.14	176.06	194.72	199.81	219.39
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	98.53	106.86	108.75	110.12	116.17
HEALTH	122.57	134.38	141.51	149.96	156.05
TRANSPORT	97.67	95.94	99.26	103.58	108.00
COMMUNICATION	105.34	102.68	113.18	116.30	116.23
RECREATION AND CULTURE	110.32	110.82	111.07	112.83	118.82
EDUCATION	119.91	120.58	120.58	127.18	130.35
RESTAURANTS AND HOTELS	117.61	126.61	146.80	166.07	169.41
MISCELLANEOUS GOODS AND SERVICES	118.44	136.05	146.25	153.03	164.25
Non-Food	126.57	137.03	149.00	156.67	164.27
Annual Change in CPI(%)	18.71	13.42	8.23	10.95	7.34

**TABLE 15.04 CONSUMER PRICE INDEX (YANGON REGION)**  
Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	119.77	125.86	129.61	135.56	141.67
FOOD AND NON-ALCOHOLIC BEVERAGES	127.63	136.57	140.35	145.14	151.13
ALCOHOLIC BEVERAGES, TOBACCO	120.95	132.67	147.97	167.02	174.51
CLOTHING AND FOOTWEAR	107.67	110.98	112.15	115.72	117.97
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	137.51	137.73	140.90	154.06	165.17
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	104.54	107.37	109.73	112.02	118.06
HEALTH	97.92	99.17	94.44	94.00	119.17
TRANSPORT	94.25	97.36	100.51	107.20	108.87
COMMUNICATION	88.35	85.56	89.70	91.82	90.72
RECREATION AND CULTURE	91.06	91.03	91.93	92.72	102.73
EDUCATION	113.91	114.85	117.21	117.43	120.08
RESTAURANTS AND HOTELS	113.70	118.14	124.93	137.77	142.65
MISCELLANEOUS GOODS AND SERVICES	114.41	120.56	126.90	128.05	134.93
Non-Food	110.30	112.96	116.66	124.02	130.26
Annual Change in CPI(%)	9.17	5.09	2.97	6.01	6.16

**TABLE 15.04 CONSUMER PRICE INDEX (SHAN STATE)**  
Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	126.88	138.58	145.10	153.44	161.87
FOOD AND NON-ALCOHOLIC BEVERAGES	130.90	147.69	152.94	157.87	166.77
ALCOHOLIC BEVERAGES, TOBACCO	117.76	119.03	132.21	133.76	139.74
CLOTHING AND FOOTWEAR	118.87	124.44	129.81	134.41	139.33
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	144.72	157.09	164.03	189.54	207.99
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	109.92	116.40	119.48	126.17	131.74
HEALTH	191.59	198.71	220.50	250.80	258.11
TRANSPORT	91.67	88.53	101.20	114.42	118.98
COMMUNICATION	105.00	103.54	109.29	109.90	109.29
RECREATION AND CULTURE	102.24	103.20	102.40	103.04	105.33
EDUCATION	194.47	197.64	199.68	216.64	224.39
RESTAURANTS AND HOTELS	117.64	124.39	130.03	137.82	141.27
MISCELLANEOUS GOODS AND SERVICES	108.32	117.49	123.72	130.59	137.20
Non-Food	120.94	125.11	133.54	146.90	154.63
Annual Change in CPI(%)	10.04	9.22	4.71	8.07	7.32

**TABLE 15.04 CONSUMER PRICE INDEX (AYEYAWADY REGION)**

Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	124.40	130.41	136.72	142.91	153.58
FOOD AND NON-ALCOHOLIC BEVERAGES	135.47	144.27	150.54	157.36	170.08
ALCOHOLIC BEVERAGES, TOBACCO	130.99	136.81	155.65	147.43	146.75
CLOTHING AND FOOTWEAR	116.01	118.86	120.03	122.71	125.66
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	110.38	114.59	120.12	125.03	141.22
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	115.92	120.69	126.26	129.59	137.99
HEALTH	110.86	110.05	112.09	114.80	119.25
TRANSPORT	92.29	90.01	100.18	109.54	110.11
COMMUNICATION	99.03	97.12	101.62	103.00	102.02
RECREATION AND CULTURE	111.34	111.23	111.50	112.10	115.06
EDUCATION	119.73	121.06	121.99	123.31	128.13
RESTAURANTS AND HOTELS	103.70	105.33	111.45	120.56	127.34
MISCELLANEOUS GOODS AND SERVICES	122.16	127.52	133.63	143.68	160.05
Non-Food	109.17	111.33	117.72	123.02	130.87
Annual Change in CPI(%)	11.90	4.83	4.84	7.10	8.56

**TABLE 15.04 CONSUMER PRICE INDEX (NAY PYI TAW)**

Years 2015/2016-2018/2019, Base Year 2012=100

Year	2015-2016	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
ALL-ITEM	115.86	125.57	126.25	129.56	137.18
FOOD AND NON-ALCOHOLIC BEVERAGES	124.82	138.65	136.39	139.08	147.74
ALCOHOLIC BEVERAGES, TOBACCO	105.22	116.16	120.17	121.24	137.28
CLOTHING AND FOOTWEAR	101.83	105.35	105.26	105.45	107.36
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	117.16	130.55	140.27	140.54	161.14
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	104.11	106.54	107.09	108.49	111.61
HEALTH	112.97	121.66	121.66	121.89	123.01
TRANSPORT	90.83	89.50	99.59	109.33	111.39
COMMUNICATION	105.63	110.51	115.75	117.44	117.44
RECREATION AND CULTURE	105.41	104.37	104.13	104.80	105.32
EDUCATION	106.63	100.89	96.79	114.66	119.20
RESTAURANTS AND HOTELS	99.65	102.35	102.90	106.64	109.23
MISCELLANEOUS GOODS AND SERVICES	110.31	115.58	119.04	119.93	125.73
Non-Food	103.72	107.85	112.51	116.67	122.87
Annual Change in CPI(%)	7.89	8.38	0.54	4.12	6.49

Source : Central Statistical Organization.

**TABLE 15.05 SPOT PRICES OF GOLD AT YANGON**

Years 2005/2006,2010/2011,2015/2016-2018/2019, 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
2015-2016	769425	702033	729693	665581	750961	680559
2016-2017	862667	781800	829550	751780	846506	767150
2017-2018	934250	846665	915375	829564	924958	838240
2018 (Apr-Sep)	968167	877327	941583	853311	951400	862176
2018-2019	1107483	1003657	1059833	960421	1085330	983563

Source : Central Statistical Organization.

## METHODOLOGY SHEET |Internal Trade

<b>Responsible Unit (Service or Structure)</b>	Cooperative Societies, Department of Cooperative
<b>Level of Disaggregation</b>	States and Regions
<b>Study Variables</b>	Number of Societies, Number of Members, Paid-Up Share Capital, Saving, Loans, Work Extension fund, Social/Culture fund, General fund, Liabilities, Net Profit, Working Capital from Cooperative Societies
<b>Classification Variables</b>	Yearly
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly from every states and regions Cooperative department
<b>Units</b>	Cooperative Societies
<b>Tables</b>	15.06

**TABLE 15.06 STATISTICS ON COOPERATIVE SOCIETIES**

Years 2014/2015-2018 (April-September), absolute values in Million Kyats

Type of Society	Year	Number of Societies	Number of Members	Million Kyats				
				Paid-Up Share Capital	Saving	Loans	Work Extension Fund	Social/Culture Fund
<b>GRAND TOTAL</b>	2014-2015	26266	3462394	52687.40	214244.31	323267.73	18234.60	4067.21
	2015-2016	37526	4237260	66558.80	172922.35	823453.47	24641.58	7265.46
	2016-2017	39389	4177088	74933.32	262597.91	847036.22	30294.81	9391.62
	2017-2018	40116	4747054	77315.47	342674.46	1056697.89	38800.57	11633.31
	2018 (Apr-Sep)	39962	4245727	88690.52	-	734593.84	-	-
<b>NEW PRIMARY COOPERATIVES</b>								
Bazaar	2014-2015	348	47618	911.00	5107.37	0.00	143.05	38.29
Cooperatives Limited	2015-2016	329	44333	1285.02	7671.41	190.52	238.40	74.10
	2016-2017	321	43433	826.91	8928.75	174.33	323.82	107.27
Agricultural Producers Cooperatives Limited	2017-2018	313	38083	857.66	8707.31	135.20	337.64	119.84
	2018 (Apr-Sep)	344	40945	3331.03	-	855.53	-	-
	2014-2015	7224	607596	4114.07	8863.83	41709.30	387.92	129.26
Cooperatives Limited	2015-2016	9023	916651	5874.13	26375.31	83528.99	635.73	256.49
	2016-2017	8978	793696	5740.04	49112.97	101996.52	1132.94	513.63
	2017-2018	9087	748530	5669.14	67022.11	91656.58	1906.67	924.47
	2018 (Apr-Sep)	13244	1023736	5446.65	-	94729.75	-	-
	2014-2015	34	5445	125.77	0.81	0.00	0.34	7.37
Stores Limited	2015-2016	30	1827	125.94	1.07	10.50	45.97	10.21
	2016-2017	31	5776	122.18	1.42	4.66	52.23	13.79
	2017-2018	29	2196	138.48	5.35	4.67	57.25	22.57
	2018 (Apr-Sep)	30	2194	138.75	-	107.52	-	-
	2014-2015	553	21816	5777.07	242.74	6.08	4058.35	2011.82
Industrial Producers Cooperatives Limited	2015-2016	552	26780	6947.69	507.61	770.13	5538.21	2904.18
	2016-2017	542	30338	6819.00	519.03	856.64	6001.33	3189.77
	2017-2018	562	28834	6737.25	883.19	1254.87	6423.90	3439.37
	2018 (Apr-Sep)	663	31300	5499.31	-	1055.42	-	-

**TABLE 15.06 STATISTICS ON COOPERATIVE SOCIETIES (cont'd)**

Years 2014/2015-2018 (April-September), absolute values in Million Kyats

Type of Society	Year	Number of Societies	Number of Members	Million Kyats			
				General Fund	Liabilities	Net Profits	Working Capital
<b>GRAND TOTAL</b>	2014-2015	26266	3462394	6856.96	990865.00	20512.64	987467.43
	2015-2016	37526	4237260	8374.88	2225025.50	19004.06	2214455.78
	2016-2017	39389	4177088	9844.47	1713219.03	23423.02	1710194.44
	2017-2018	40116	4747054	12912.22	1999934.31	17552.72	1995523.73
	2018 (Apr-Sep)	39962	4245727	-	592702.51	43539.06	1332153.14
<b>NEW PRIMARY COOPERATIVES</b>							
Bazaar	2014-2015	348	47618	653.66	4592.17	166.73	4317.98
Cooperatives	2015-2016	329	44333	82.79	16395.74	174.12	16382.97
Limited	2016-2017	321	43433	106.39	18763.90	188.86	18753.86
	2017-2018	313	38083	116.44	21864.29	217.94	21841.63
	2018 (Apr-Sep)	344	40945	-	4948.00	1893.75	6838.84
Agricultural Producers	2014-2015	7224	607596	136.87	71956.37	975.97	71855.63
Cooperatives Limited	2015-2016	9023	916651	371.49	157546.46	1945.47	157490.17
	2016-2017	8978	793696	657.23	195931.23	2524.69	195576.11
	2017-2018	9087	748530	972.78	213794.36	2352.84	213665.68
	2018 (Apr-Sep)	13244	1023736	-	53603.74	2349.69	177363.44
Cooperatives	2014-2015	34	5445	12.37	654.13	25.17	630.30
Stores Limited	2015-2016	30	1827	13.91	990.89	28.64	976.25
	2016-2017	31	5776	14.87	958.61	35.54	946.28
	2017-2018	29	2196	18.18	1123.72	47.51	1111.57
	2018 (Apr-Sep)	30	2194	-	856.68	46.29	463.90
Industrial Producers	2014-2015	553	21816	1930.79	31052.51	6369.27	30515.82
Cooperatives Limited	2015-2016	552	26780	2417.03	28461.16	2568.03	27314.57
	2016-2017	542	30338	2641.83	29016.20	2252.96	28527.91
	2017-2018	562	28834	2767.04	30797.87	486.43	30352.61
	2018 (Apr-Sep)	663	31300	-	5445.04	391.29	22582.10



**TABLE 15.06 STATISTICS ON COOPERATIVE SOCIETIES (cont'd)**  
 Years 2014/2015-2018 (April-September), absolute values in Million Kyats

Type of Society	Year	Number of Societies	Number of Members	Million Kyats				
				Paid-Up Share Capital	Saving	Loans	Work Extension Fund	Social/Culture Fund
Agricultural Products	2014-2015	23	900	419.58	2.50	0.00	67.52	26.76
Wholesale	2015-2016	25	2035	417.06	7.72	0.00	89.81	35.64
Cooperatives Limited	2016-2017	25	851	417.79	12.48	0.00	117.42	46.86
	2017-2018	26	835	412.55	25.39	30.05	123.05	50.08
	2018 (Apr-Sep)	23	836	374.17	-	30.00	-	-
Government Employees	2014-2015	72	347288	779.70	133.75	0.00	533.24	35.12
Cooperatives Limited	2015-2016	71	337879	1861.66	729.37	54.68	573.69	48.68
	2016-2017	72	338644	1937.93	758.55	63.87	602.38	62.26
	2017-2018	73	355948	2154.86	917.88	103.78	982.51	144.30
	2018 (Apr-Sep)	190	218403	1428.24	-	80.12	-	-
Crop Purchasing	2014-2015	5	221	11.21	1.11	0.00	2.22	0.25
Milling & Marketing	2015-2016	5	217	11.12	3.39	0.00	2.30	0.29
Cooperatives Limited	2016-2017	4	159	3.54	5.60	21.68	2.41	0.35
	2017-2018	5	192	11.69	3.73	18.83	2.54	0.42
	2018 (Apr-Sep)	5	192	29.78	-	20.00	-	-
Trading	2014-2015	9	2174	8.41	26.70	0.00	1.23	0.31
Cooperatives Limited	2015-2016	8	2145	8.00	114.19	423.71	1.55	0.50
	2016-2017	8	1759	7.16	177.47	363.68	2.60	1.13
	2017-2018	7	1417	6.72	258.02	303.89	3.82	1.87
	2018 (Apr-Sep)	7	1477	6.72	-	303.89	-	-
Agricultural Products	2014-2015	4075	702026	4839.29	8615.51	27413.40	947.74	212.92
merchandise	2015-2016	5658	768165	5176.28	23798.62	75228.44	1177.48	319.15
Cooperatives Limited	2016-2017	5814	923327	5301.82	4229.96	78838.22	1359.63	524.00
	2017-2018	6705	855929	5333.98	53216.86	76326.19	2010.54	837.60
	2018 (Apr-Sep)	5735	851908	4503.17	-	59392.96	-	-
Marketing	2014-2015	1678	240923	4896.85	284.24	55.88	2025.11	241.33
Cooperatives Limited	2015-2016	1667	232085	4688.98	1704.88	823.41	2559.98	353.68
	2016-2017	1660	238347	7023.73	2175.05	1128.79	2691.20	471.65
	2017-2018	1649	227858	7689.10	2272.57	1451.96	3359.23	600.74
	2018 (Apr-Sep)	1686	202691	9683.32	-	2245.78	-	-

**TABLE 15.06 STATISTICS ON COOPERATIVE SOCIETIES (cont'd)**

Years 2014/2015-2018 (April-September), absolute values in Million Kyats

Type of Society	Year	Number of Societies	Number of Members	Million Kyats			
				General Fund	Liabilities	Net Profits	Working Capital
Agricultural Products	2014-2015	23	900	8.27	5008.62	99.86	4856.33
Wholesale	2015-2016	25	2035	1.00	3587.10	110.45	3426.44
Cooperatives Limited	2016-2017	25	851	27.93	3895.30	25.55	3654.32
	2017-2018	26	835	28.21	3474.69	61.22	2961.96
	2018 (Apr-Sep)	23	836	-	1227.72	58.99	1615.60
Government Employees	2014-2015	72	347288	131.71	4466.59	83.60	4454.46
Cooperatives Limited	2015-2016	71	337879	103.47	6185.66	105.77	6173.87
	2016-2017	72	338644	165.59	6481.10	94.19	6469.57
	2017-2018	73	355948	242.50	11511.90	348.49	11327.32
	2018 (Apr-Sep)	190	218403	-	2493.62	175.35	5914.84
Crop Purchasing	2014-2015	5	221	0.97	23.79	0.30	11.12
Milling & Marketing	2015-2016	5	217	161.29	44.26	0.65	31.86
Cooperatives Limited	2016-2017	4	159	1.03	44.84	0.54	44.84
	2017-2018	5	192	1.14	59.61	1.18	48.14
	2018 (Apr-Sep)	5	192	-	12.70	0.56	42.29
Trading	2014-2015	9	2174	0.23	194.26	1.43	194.16
Cooperatives Limited	2015-2016	8	2145	0.35	572.70	4.21	572.70
	2016-2017	8	1759	0.78	601.79	5.47	601.79
	2017-2018	7	1417	1.27	631.86	3.99	631.86
	2018 (Apr-Sep)	7	1477	-	351.38	3.99	280.48
Agricultural Products	2014-2015	4075	702026	303.98	85025.10	869.31	84998.28
merchandise	2015-2016	5658	768165	599.45	20696.98	2564.25	20675.46
Cooperatives Limited	2016-2017	5814	923327	749.88	160829.93	2402.52	160813.83
	2017-2018	6705	855929	965.43	179062.41	2782.24	179029.87
	2018 (Apr-Sep)	5735	851908	-	98967.60	2095.20	10057.29
Marketing	2014-2015	1678	240923	324.95	11018.63	841.07	10938.45
Cooperatives Limited	2015-2016	1667	232085	401.58	21326.83	834.44	21279.63
	2016-2017	1660	238347	474.29	36878.46	900.43	36827.82
	2017-2018	1649	227858	570.23	33633.08	1035.05	32650.86
	2018 (Apr-Sep)	1686	202691	-	14331.09	954.69	18752.15

**TABLE 15.06 STATISTICS ON COOPERATIVE SOCIETIES (cont'd)**  
 Years 2014/2015-2018 (April-September), absolute values in Million Kyats

Type of Society	Year	Number of Societies	Number of Members	Million Kyats				
				Paid-Up Share Capital	Saving	Loans	Work Extension Fund	Social/Culture Fund
Service Cooperatives Limited	2014-2015	108	4305	719.38	53.27	0.00	96.88	27.52
	2015-2016	103	6503	450.31	47.50	62.10	126.35	43.17
	2016-2017	99	4351	604.41	56.44	312.48	136.68	49.11
	2017-2018	113	5972	2391.14	83.79	388.58	169.65	66.99
	2018 (Apr-Sep)	107	5584	2102.17	-	413.01	-	-
Saving and Credit Cooperatives Limited	2014-2015	3146	457077	3606.18	3948.01	74.85	636.87	264.74
	2015-2016	1919	464433	1509.52	76470.54	2376.95	965.31	419.33
	2016-2017	3173	491957	4679.97	87875.62	3844.78	1320.51	584.98
	2017-2018	6861	481976	5116.39	103417.74	4397.26	1627.01	745.38
	2018 (Apr-Sep)	3093	478211	8786.70	-	3422.52	-	-
Transport Cooperatives Limited	2014-2015	107	1973	183.11	1.05	0.00	25.53	8.94
	2015-2016	125	2327	226.09	0.04	167.63	52.57	14.57
	2016-2017	138	2468	236.00	0.38	543.61	71.27	19.57
	2017-2018	136	2420	241.20	0.06	11.45	92.46	25.89
	2018 (Apr-Sep)	145	2437	239.23	-	11.45	-	-
General Merchandise Cooperatives Limited	2014-2015	277	12891	8844.74	96.83	97.17	749.72	198.53
	2015-2016	350	19624	12879.27	263.47	340.82	2306.98	1023.19
	2016-2017	369	20653	11908.44	397.33	408.26	2115.41	1011.27
	2017-2018	365	18109	10399.55	526.08	974.92	1852.65	815.36
	2018 (Apr-Sep)	496	24904	10553.35	-	1110.49	-	-
Miscellaneous Cooperatives Limited	2014-2015	8003	975632	13298.04	183590.59	10713.52	884.17	349.31
	2015-2016	17202	1376443	21291.93	32567.88	140136.15	1076.01	994.18
	2016-2017	17654	1250689	23515.51	107788.31	165798.04	3928.05	1838.62
	2017-2018	13735	1948212	20299.54	103065.66	149496.14	4768.32	2357.44
	2018 (Apr-Sep)	13792	1328041	14463.97	-	113695.15	-	-
<b>Total</b>	<b>2014-2015</b>	<b>25662</b>	<b>3427885</b>	<b>48534.40</b>	<b>210968.31</b>	<b>80070.20</b>	<b>10559.89</b>	<b>3552.47</b>
	<b>2015-2016</b>	<b>37067</b>	<b>4201447</b>	<b>62753.00</b>	<b>170263.00</b>	<b>304114.03</b>	<b>15390.34</b>	<b>6497.36</b>
	<b>2016-2017</b>	<b>38888</b>	<b>4146448</b>	<b>69144.43</b>	<b>262039.36</b>	<b>354355.56</b>	<b>19857.88</b>	<b>8434.26</b>
	<b>2017-2018</b>	<b>39666</b>	<b>4716511</b>	<b>67459.25</b>	<b>340405.74</b>	<b>326554.37</b>	<b>23717.24</b>	<b>10152.32</b>
	<b>2018 (Apr-Sep)</b>	<b>39560</b>	<b>4212859</b>	<b>72587.03</b>	<b>-</b>	<b>277473.57</b>	<b>-</b>	<b>-</b>

**TABLE 15.06 STATISTICS ON COOPERATIVE SOCIETIES (cont'd)**

Years 2014/2015-2018 (April-September), absolute values in Million Kyats

Type of Society	Year	Number of Societies	Number of Members	Million Kyats			
				General Fund	Liabilities	Net Profits	Working Capital
Service	2014-2015	108	4305	31.59	3103.50	60.30	3052.75
Cooperatives Limited	2015-2016	103	6503	43.28	3001.86	72.67	2978.16
	2016-2017	99	4351	44.24	3158.20	101.04	3132.87
	2017-2018	113	5972	57.22	6461.97	109.55	6432.97
	2018 (Apr-Sep)	107	5584	-	2157.57	93.07	3391.63
	2014-2015	3146	457077	373.04	75355.28	1015.23	75290.29
Saving and Credit Cooperatives Limited	2015-2016	1919	464433	401.43	107954.37	1337.19	106556.50
	2016-2017	3173	491957	648.55	124453.26	1558.65	124371.54
	2017-2018	6861	481976	747.08	145212.27	1713.92	137585.63
	2018 (Apr-Sep)	3093	478211	-	49078.94	2106.61	93656.90
	2014-2015	107	1973	8.15	472.82	40.55	465.33
Transport Cooperatives Limited	2015-2016	125	2327	11.56	788.24	40.09	780.54
	2016-2017	138	2468	14.80	1268.02	47.60	1260.92
	2017-2018	136	2420	18.68	965.89	51.04	962.54
	2018 (Apr-Sep)	145	2437	-	330.31	50.45	550.87
	2014-2015	277	12891	239.56	23016.20	4626.05	22879.21
General Merchandise Cooperatives Limited	2015-2016	350	19624	457.92	37220.71	2427.30	36960.13
	2016-2017	369	20653	765.27	29210.30	2213.15	28899.19
	2017-2018	365	18109	636.85	23523.83	622.13	23178.13
	2018 (Apr-Sep)	496	24904	-	11888.64	900.18	18669.24
	2014-2015	8003	975632	370.28	146739.51	1861.29	145789.95
Miscellaneous Cooperatives Limited	2015-2016	17202	1376443	1269.95	256995.42	4569.71	255769.77
	2016-2017	17654	1250689	1431.92	316782.23	6178.16	316014.57
	2017-2018	13735	1948212	1725.53	340181.80	5192.96	346681.17
	2018 (Apr-Sep)	13792	1328041	-	5430.07	27310.56	208557.34
	<b>Total</b>	<b>2014-2015</b>	<b>25662</b>	<b>3427885</b>	<b>4526.42</b>	<b>462679.48</b>	<b>17036.13</b>
	<b>2015-2016</b>	<b>37067</b>	<b>4201447</b>	<b>6336.50</b>	<b>661768.38</b>	<b>16782.99</b>	<b>657369.02</b>
	<b>2016-2017</b>	<b>38888</b>	<b>4146448</b>	<b>7744.60</b>	<b>928273.37</b>	<b>18529.35</b>	<b>925895.42</b>
	<b>2017-2018</b>	<b>39666</b>	<b>4716511</b>	<b>8868.58</b>	<b>1012299.55</b>	<b>15026.49</b>	<b>1008461.94</b>
	<b>2018 (Apr-Sep)</b>	<b>39560</b>	<b>4212859</b>	<b>-</b>	<b>299998.07</b>	<b>38430.65</b>	<b>669527.04</b>

**TABLE 15.06 STATISTICS ON COOPERATIVE SOCIETIES (cont'd)**

Years 2014/2015-2018 (April-September), absolute values in Million Kyats

Type of Society	Year	Number of Societies	Number of Members	Million Kyats				
				Paid-Up Share Capital	Saving	Loans	Work Extension Fund	Social/Culture Fund
<b>TOWNSHIP AND GROUP</b>								
<b>COOPERATIVES</b>								
Township	2014-2015	291	29860	1330.07	270.36	92565.29	3372.53	407.53
Cooperatives	2015-2016	296	32510	275.46	2081.87	260358.78	4022.87	517.63
Syndicates	2016-2017	328	27664	1845.26	250.50	247329.50	4076.58	618.39
	2017-2018	297	28576	2386.76	1851.36	369633.80	6949.72	923.56
	2018 (Apr-Sep)	297	34239	12929.22	-	247693.71	-	-
Cooperatives	2014-2015	21	762	598.42	2807.94	100894.58	3870.00	42.25
Syndicates	2015-2016	19	719	1146.71	354.58	258977.49	4116.29	59.58
Limited	2016-2017	27	1038	525.49	204.30	245226.65	4152.36	94.66
	2017-2018	20	392	4697.05	263.81	359738.80	6206.57	361.54
	2018 (Apr-Sep)	144	12958	1794.08	-	70.03	-	-
Unions of	2014-2015	291	3793	1342.71	197.70	0.00	180.59	57.97
Cooperatives	2015-2016	143	2490	1467.27	222.90	3.17	860.49	181.28
Syndicates Limited	2016-2017	145	1844	2409.05	103.75	124.51	855.91	234.70
	2017-2018	132	1481	1786.31	153.55	770.92	560.80	187.58
	2018 (Apr-Sep)	14	322	1380.18	-	209356.52	-	-
Central	2014-2015	1	94	881.80	0.00	49737.66	251.59	6.99
Cooperatives	2015-2016	1	94	916.36	-	-	251.59	9.61
	2016-2017	1	94	1009.09	0.00	0.00	1352.08	9.61
	2017-2018	1	94	986.10	0.00	0.00	1366.24	8.31
	2018 (Apr-Sep)	1	467	1009.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>2014-2015</b>	<b>604</b>	<b>34509</b>	<b>4153.00</b>	<b>3276.00</b>	<b>243197.53</b>	<b>7674.71</b>	<b>514.74</b>
	<b>2015-2016</b>	<b>459</b>	<b>35813</b>	<b>3805.80</b>	<b>2659.35</b>	<b>519339.44</b>	<b>9251.24</b>	<b>768.10</b>
	<b>2016-2017</b>	<b>501</b>	<b>30640</b>	<b>5788.89</b>	<b>558.55</b>	<b>492680.66</b>	<b>10436.93</b>	<b>957.36</b>
	<b>2017-2018</b>	<b>450</b>	<b>30543</b>	<b>9856.22</b>	<b>2268.72</b>	<b>730143.52</b>	<b>15083.33</b>	<b>1480.99</b>
	<b>2018 (Apr-Sep)</b>	<b>402</b>	<b>32868</b>	<b>16103.49</b>	<b>-</b>	<b>457120.26</b>	<b>-</b>	<b>-</b>

**TABLE 15.06 STATISTICS ON COOPERATIVE SOCIETIES (concl'd)**  
Years 2014/2015-2018 (April-September), absolute values in Million Kyats

Type of Society	Year	Number of Societies	Number of Members	Million Kyats			
				General Fund	Liabilities	Net Profits	Working Capital
<b>TOWNSHIP AND GROUP COOPERATIVES</b>							
Township	2014-2015	291	29860	701.16	152741.13	632.91	152677.08
Cooperatives	2015-2016	296	32510	1208.30	560464.46	1700.77	560431.37
Syndicates	2016-2017	328	27664	1172.51	413074.31	3954.86	413052.42
	2017-2018	297	28576	1457.20	519542.79	1720.97	519162.67
	2018 (Apr-Sep)	297	34239	-	160683.96	4330.25	349712.17
Cooperatives	2014-2015	21	762	1314.62	159107.01	260.32	159081.10
Syndicates	2015-2016	19	719	392.53	444532.87	424.07	444527.78
Limited	2016-2017	27	1038	477.60	358474.57	402.63	358473.67
	2017-2018	20	392	2152.77	458037.57	727.30	457851.25
	2018 (Apr-Sep)	144	12958	-	4160.36	283.91	23727.33
Unions of	2014-2015	291	3793	53.23	5372.70	2330.78	5361.18
Cooperatives	2015-2016	143	2490	225.75	8574.96	96.23	7950.50
Syndicates Limited	2016-2017	145	1844	229.77	9470.27	523.09	8846.42
	2017-2018	132	1481	180.30	6797.70	68.07	6791.17
	2018 (Apr-Sep)	14	322	-	127860.13	494.25	289186.60
Central	2014-2015	1	94	261.53	210964.68	252.50	210098.01
Cooperatives	2015-2016	1	94	211.80	549684.83	-	544177.11
	2016-2017	1	94	219.99	3926.51	13.09	3926.51
	2017-2018	1	94	253.37	3256.70	9.89	3256.70
	2018 (Apr-Sep)	1	467	0.00	0.00	0.00	0.00
<b>Total</b>	<b>2014-2015</b>	<b>604</b>	<b>34509</b>	<b>2330.54</b>	<b>528185.52</b>	<b>3476.51</b>	<b>527217.37</b>
	<b>2015-2016</b>	<b>459</b>	<b>35813</b>	<b>2038.38</b>	<b>1563257.12</b>	<b>2221.07</b>	<b>1557086.76</b>
	<b>2016-2017</b>	<b>501</b>	<b>30640</b>	<b>2099.87</b>	<b>784945.66</b>	<b>4893.67</b>	<b>784299.02</b>
	<b>2017-2018</b>	<b>450</b>	<b>30543</b>	<b>4043.64</b>	<b>987634.76</b>	<b>2526.23</b>	<b>987061.79</b>
	<b>2018 (Apr-Sep)</b>	<b>402</b>	<b>32868</b>	<b>-</b>	<b>292704.45</b>	<b>5108.41</b>	<b>662626.10</b>

Note : The Myanmar Statistical Yearbook updates facts and figures of the fiscal years from 2014-2015 to 2017-2018 instead of last year presented facts and figures from the Cooperative Department.

Source : Cooperative Department.

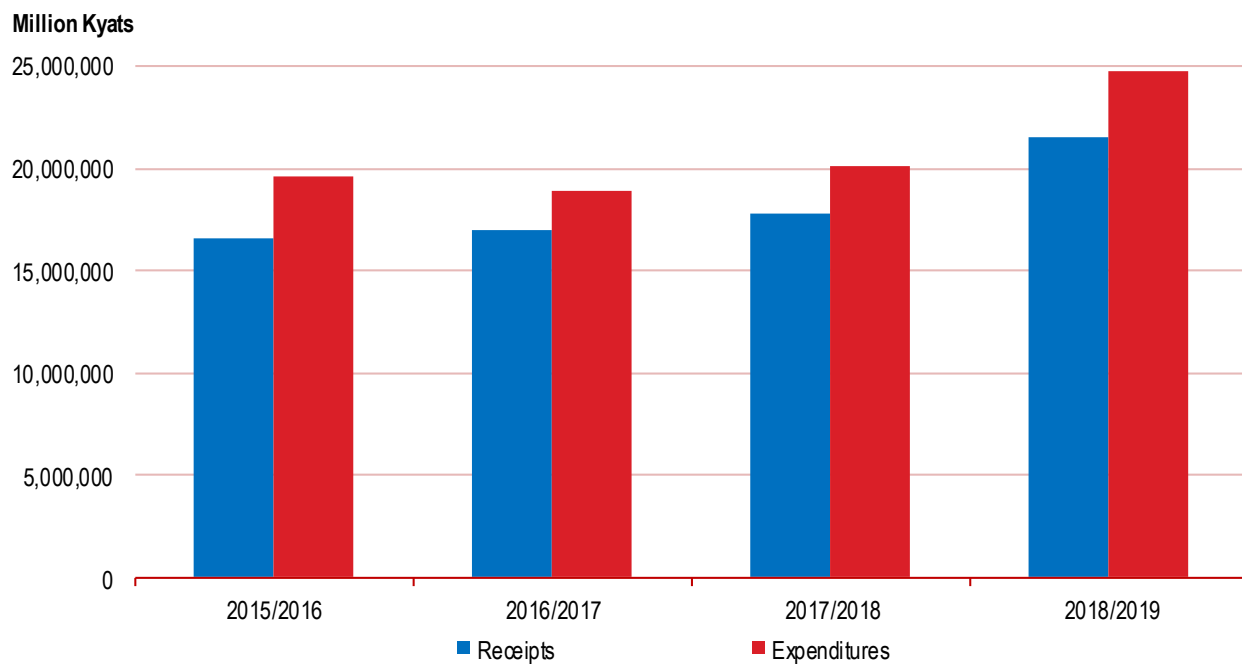


# 16

## Public Finance, Banking and Financial Markets

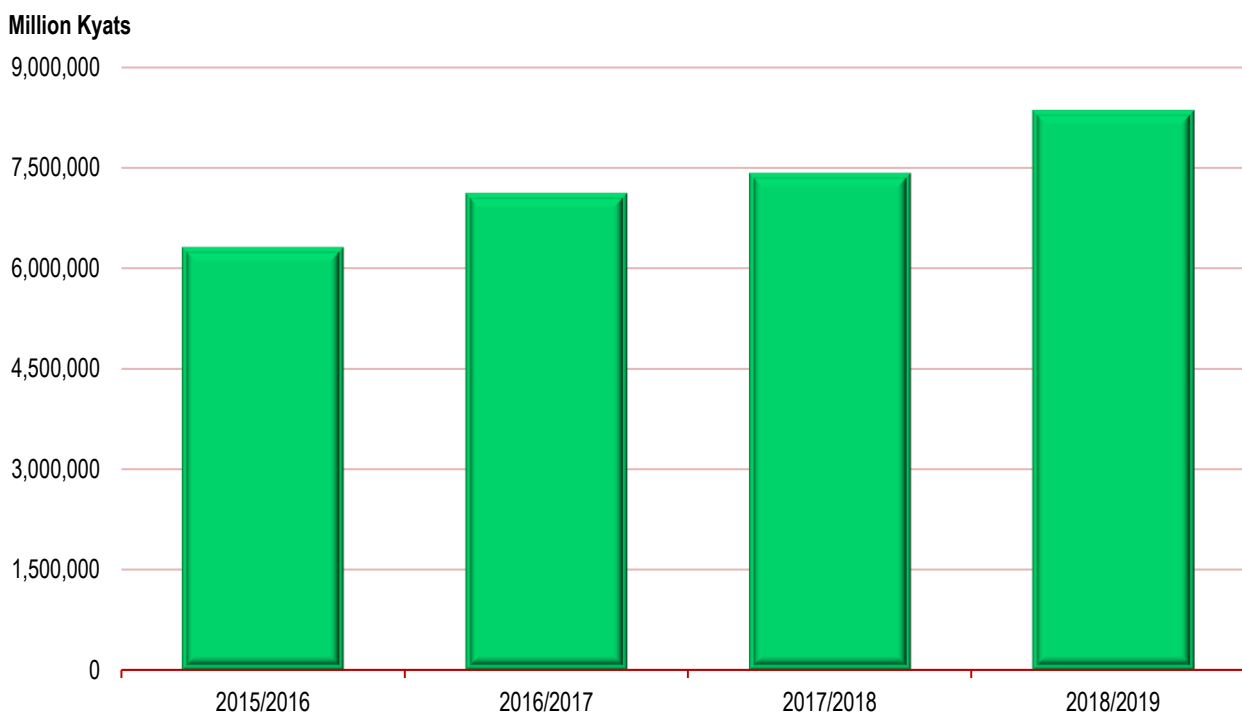
In 2018-2019 the total **receipts** of union budget were equal to **21,544,530.8** Million Kyats, the total **expenditures** were **24,745,134.2** Million Kyats and the budget **deficit** was **3,200,603.4** Million Kyats. | In 2019, **interest rate** of Myanmar was **8%** per annum for **minimum deposit interest rate**, **13 %** per annum for **secured lending rate**, **16 %** per annum for **unsecured lending rate** and **10 %** per annum for **Central Bank Rate**. In 2019, total **money supply** was **19,108,381** Million Kyats. | Total **people's savings** reached **44,087,481** Million Kyats. Most people choose **savings deposits** than other deposits as time deposit, fixed deposit, etc.

**FIGURE 16.1 SUMMARY OF THE UNION BUDGET**



Source: Budget Department.

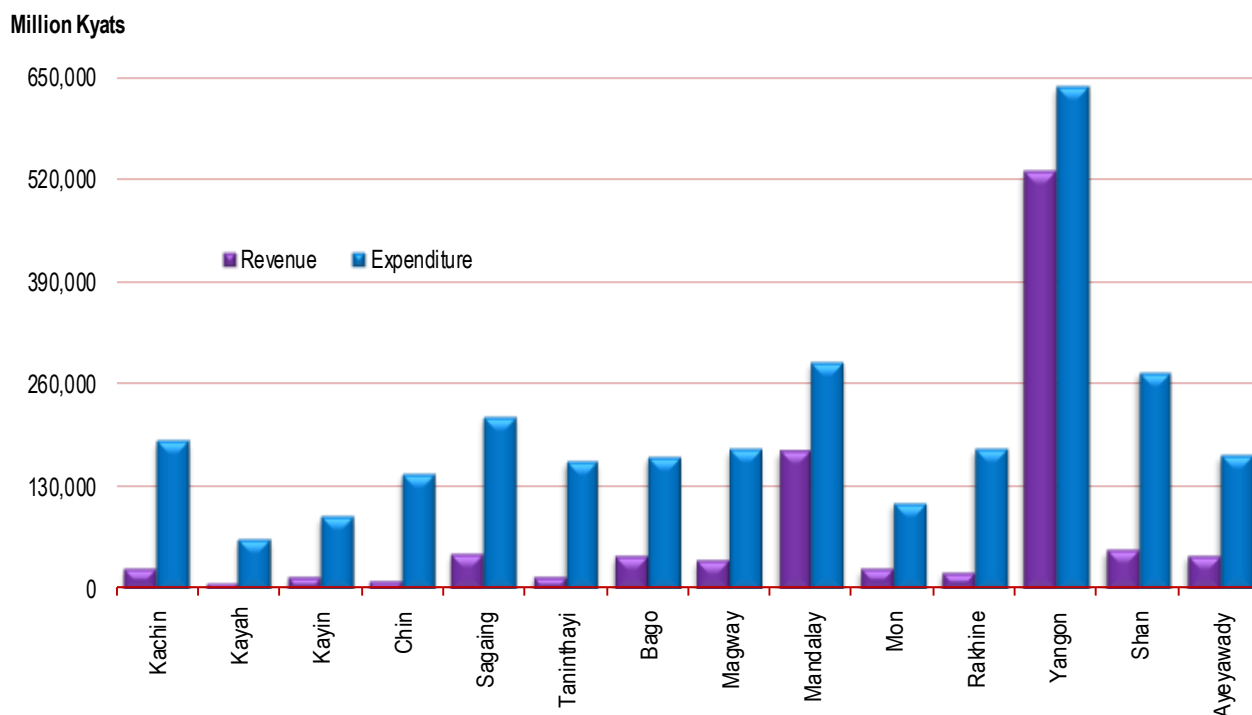
**FIGURE 16.2 RECEIPTS FROM TAXES AND DUTIES**



Source: Budget Department.

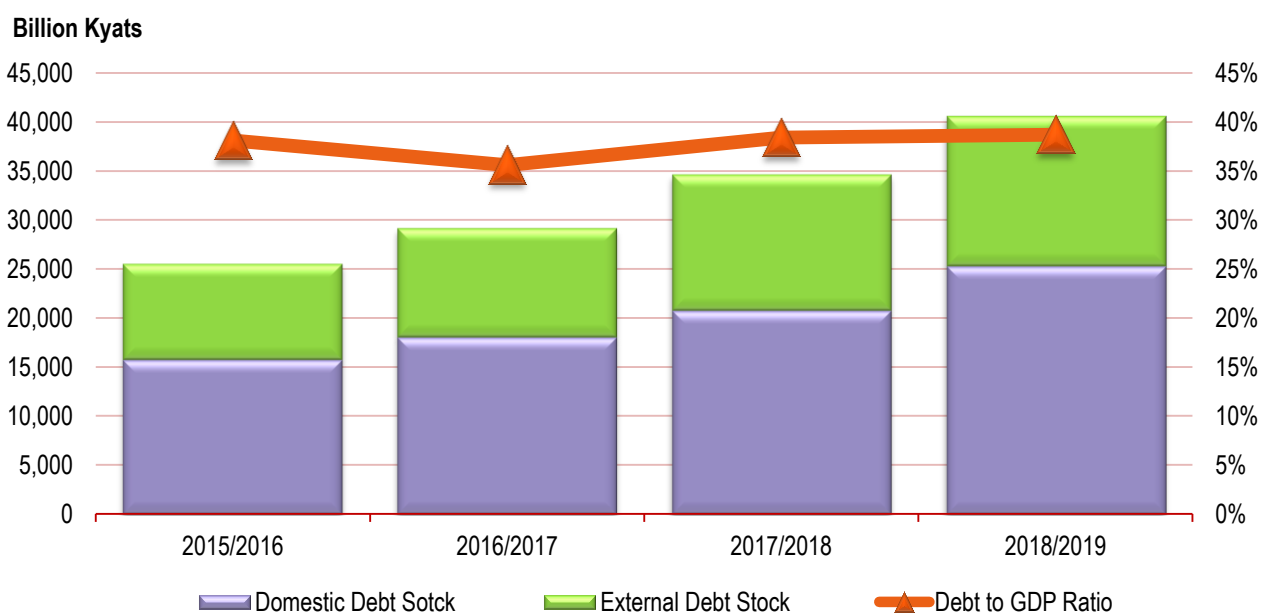


**FIGURE 16.3 REVENUE AND EXPENDITURE BY STATES AND REGIONS, 2018/2019**



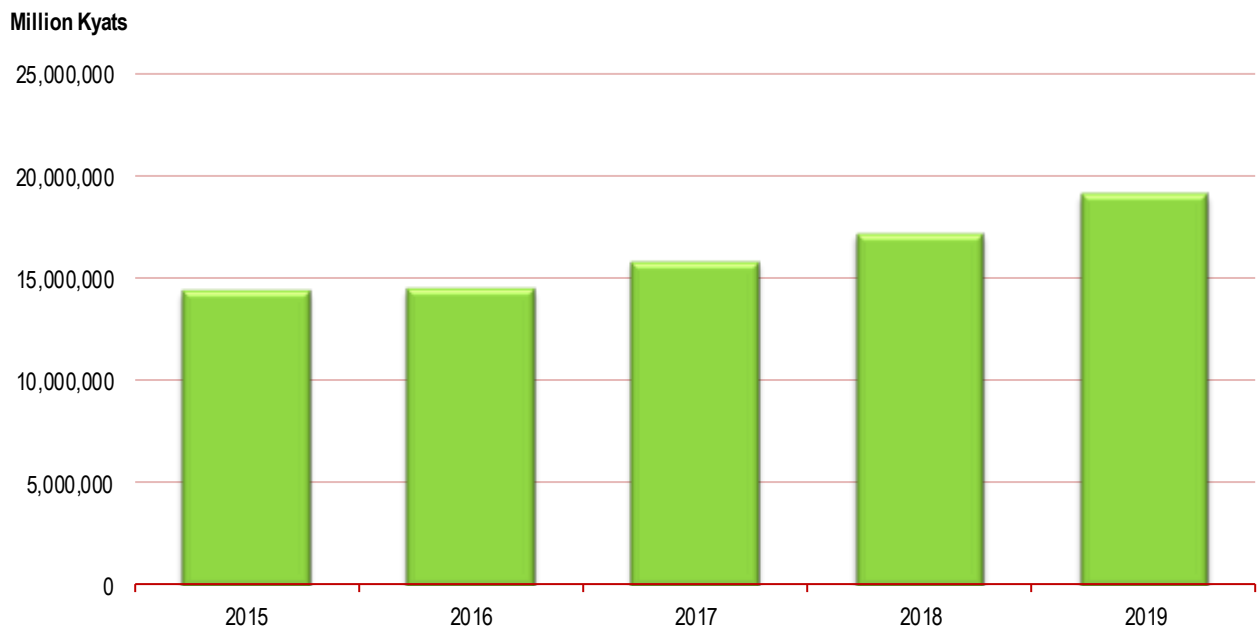
Source: Budget Department.

**FIGURE 16.4 GOVERNMENT DEBT STOCK**



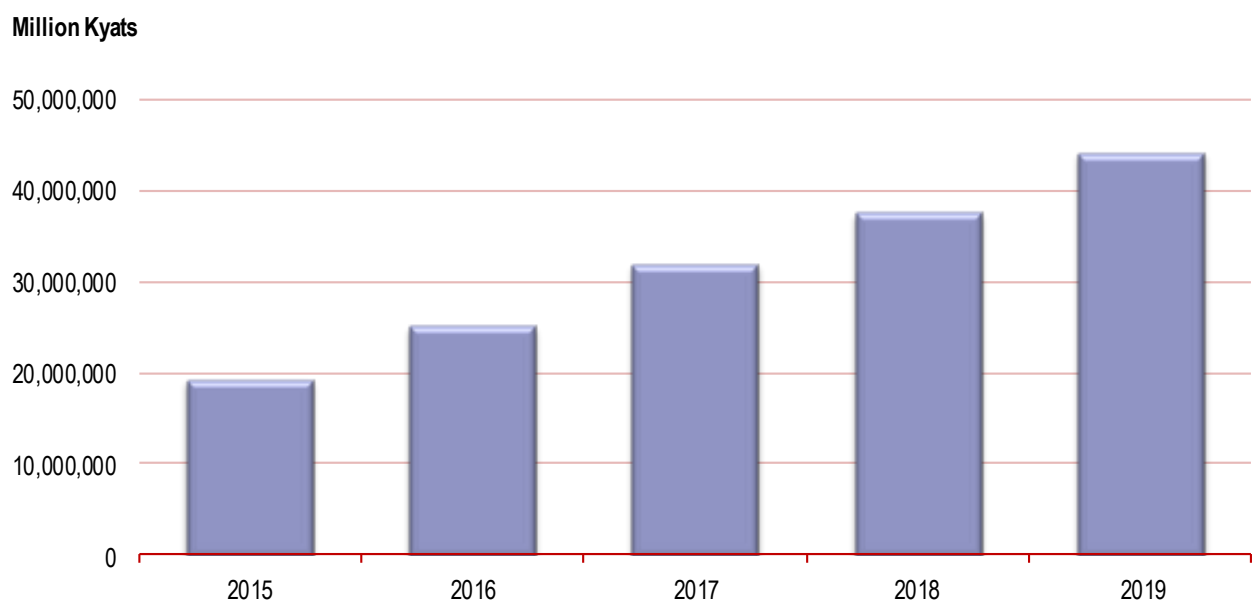
Source: Treasury Department.

**FIGURE 16.5 MONEY SUPPLY**



Source: Central Bank of Myanmar.

**FIGURE 16.6 PEOPLE'S SAVINGS**



Source: Central Bank of Myanmar.

## PUBLIC FINANCE, BANKING AND FINANCIAL MARKETS

### METHODOLOGY SHEET | Public Finance

<b>Responsible Unit (Service or Structure)</b>	Budget Department, Treasury Department
<b>Level of Disaggregation</b>	Union, States and Regions
<b>Study Variables</b>	Receipts and Expenditures (Union/States and Regions), Government Debt
<b>Classification Variables</b>	State Administrative Organizations, State Economic Enterprises, State Economic Enterprises (Undertaken Outside the Union Fund), Development Committees, Nay Pyi Taw Council, Central Bank of Myanmar, Union Ministry and Development (Undertaken Outside the Union Fund), Revenue, External Debt and Domestic Debt
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Public Finance
<b>Tables</b>	16.01, 16.02, 16.03, 16.04, 16.05, 16.06, 16.07, 16.08, 16.09

**TABLE 16.01 SUMMARY OF THE UNION BUDGET**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2005-2006	2010-2011	2015-2016
<b>STATE ADMINISTRATIVE ORGANIZATIONS</b>			
<b>MINISTRIES &amp; DEPARTMENTS</b>			
<b>RECEIPTS</b>	825717.1	5693019.6	8896298.4
Internal Receipts	825390.0	5689894.4	8077828.5
1.Current Account	817746.5	5306924.5	7824231.5
a.Taxes	476944.9	1281860.4	6314697.6
b.Ministries and Departments	59522.6	3241647.8	690624.2
c.Earnings from State Economic Enterprises	281279.0	783416.3	818909.8
2.Capital Account (Ministries & Departments)	6539.9	353436.4	194869.0
3.Financial Accounts	1103.6	29533.5	58728.0
a.Public Debt	66.9	299.3	40368.3
b.Investment	1036.7	29234.2	18359.7
Foreign Receipts	327.1	3125.2	818469.9
1.Foreign Loans	10.8	2769.7	570973.3
a. Current Loans	-	-	46259.8
b. Capital Loans	10.8	2769.7	186079.5
c. Debt Loans	-	-	338633.9
2.Foreign Grants & Aids	316.3	355.5	247496.6
a.Current Receipts	301.3	345.0	161087.1
b.Capital Receipts	15.0	10.5	86409.5
<b>EXPENDITURES</b>	1007733.7	7506500.7	11539161.3
1.Current Account	343732.8	4302051.3	7381615.5
a.Ministries and Departments	249163.5	3871055.9	4737518.1
b.Interest	86589.9	358467.4	719484.1
c.Contributions	7979.4	72528.0	1924613.4
2.Capital Account (Ministries & Departments)	663875.2	3203230.2	3587557.2
3.Financial Account	125.7	1219.2	475078.6
a.Public Debt	124.3	917.5	456205.4
b.Investment	1.4	301.7	18873.3
c.Savings	-	-	-
4.Reserve Fund	-	-	94909.9
Surplus(+)/Deficit(-)	-182016.6	-1813481.1	-2642862.9

**TABLE 16.01 SUMMARY OF THE UNION BUDGET (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2005-2006	2010-2011	2015-2016
<b>STATE ECONOMIC ENTERPRISES</b>			
<b>RECEIPTS</b>	1120886.3	-	6960021.6
Internal Receipts	1120694.2	-	6717300.7
1.Current Account	1120482.2	-	6673490.1
2.Capital Account	210.4	-	4475.8
3.Financial Account	1.6	-	39334.8
Foreign Receipts	192.1	-	242720.9
1.Foreign Loans	192.1	-	160784.3
2.Foreign Grants and Aids	-	-	81936.6
<b>EXPENDITURES</b>	1346099.8	-	7328131.5
1.Current Account	1224424.1	-	6173404.3
2.Capital Account	121266.9	-	901470.7
3.Financial Account	408.8	-	253256.5
Surplus(+)/Deficit(-)	-225213.5	-	-368109.8
<b>STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)</b>			
<b>RECEIPTS</b>	-	-	671624.4
Internal Receipts	-	-	634260.3
1.Current Account	-	-	603372.0
2.Capital Account	-	-	2551.6
3.Financial Account	-	-	28336.7
Foreign Receipts	-	-	37364.2
1.Foreign Loans	-	-	36371.2
2.Foreign Grants and Aids	-	-	993.0
<b>EXPENDITURES</b>	-	-	649330.4
1.Current Account	-	-	564804.4
2.Capital Account	-	-	80120.6
3.Financial Account	-	-	4405.4
Surplus(+)/Deficit(-)	-	-	+22294.0

**TABLE 16.01 SUMMARY OF THE UNION BUDGET (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2005-2006	2010-2011	2015-2016
<b>CANTONMENT MUNICIPALITIES</b>			
<b>RECEIPTS</b>	120.8	359.2	1228.3
1.Current Account	120.8	359.2	1228.3
2.Capital Account	-	-	-
3.Financial Account	-	-	-
4.Foreign Loans and Grants	-	-	-
<b>EXPENDITURES</b>	107.9	437.9	1095.8
1.Current Account	84.7	335.5	1055.1
2.Capital Account	23.2	102.4	40.7
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	+12.9	-78.7	+132.5
<b>NAY PYI TAW COUNCIL</b>			
<b>RECEIPTS</b>	-	-	352.8
1.Current Account	-	-	241.9
2.Capital Account	-	-	110.9
3.Financial Account	-	-	-
4.Foreign Loans and Grants	-	-	-
<b>EXPENDITURES</b>	-	-	71478.4
1.Current Account	-	-	1873.1
2.Capital Account	-	-	69605.3
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-	-	-71125.6
<b>NAY PYI TAW DEVELOPMENT COMMITTEE</b>			
<b>RECEIPTS</b>	-	-	61101.4
1.Current Account	-	-	61056.5
2.Capital Account	-	-	44.9
3.Financial Account	-	-	-
4.Foreign Loans and Grants	-	-	-
<b>EXPENDITURES</b>	-	-	49798.2
1.Current Account	-	-	41429.4
2.Capital Account	-	-	8368.8
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-	-	+11303.2

**TABLE 16.01 SUMMARY OF THE UNION BUDGET (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2005-2006	2010-2011	2015-2016
<b>CENTRAL BANK OF MYANMAR</b>			
<b>RECEIPTS</b>	-	-	-
Internal Receipts	-	-	-
1.Current Account	-	-	-
2.Capital Account	-	-	-
3.Financial Account	-	-	-
Foreign Receipts	-	-	-
1.Foreign Loans	-	-	-
2.Foreign Grants and Aids	-	-	-
<b>EXPENDITURES</b>	-	-	-
1.Current Account	-	-	-
2.Capital Account	-	-	-
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-	-	-
<b>UNION MINISTRY AND DEPARTMENT (Undertaken Outside the Union Fund)</b>			
<b>Social Security Board</b>			
<b>RECEIPTS</b>	-	-	60717.6
1.Current Account	-	-	60717.6
2.Capital Account	-	-	-
3.Financial Accounts	-	-	-
4.Foreign Loans and Grants	-	-	-
<b>EXPENDITURES</b>	-	-	17391.5
1.Current Account	-	-	11533.6
2.Capital Account	-	-	5857.8
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-	-	+43326.2
<b>TOTAL</b>			
1.Receipts	1946724.2	5693378.8	16651344.5
2.Expenditures	2353941.4	7506938.6	19656387.1
Surplus(+)/Deficit(-)	-407217.2	-1813559.8	-3005042.6

**TABLE 16.01 SUMMARY OF THE UNION BUDGET (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>STATE ADMINISTRATIVE ORGANIZATIONS</b>				
<b>MINISTRIES &amp; DEPARTMENTS</b>				
<b>RECEIPTS</b>	9230408.8	9737002.9	4603342.7	11306827.4
Internal Receipts	8598185.8	9116249.6	4276223.5	10338379.1
1.Current Account	8475271.4	8973736.3	4170799.7	10200199.8
a.Taxes	7122321.0	7423519.6	3424114.6	8360230.8
b.Ministries and Departments	762000.6	821084.4	382791.6	924114.4
c.Earnings from State Economic Enterprises	590949.8	729132.3	363893.5	915854.6
2.Capital Account (Ministries & Departments)	55603.7	24538.4	51240.1	6948.8
3.Financial Accounts	67310.7	117974.9	54183.7	131230.5
a.Public Debt	51749.7	99961.4	51489.4	113948.6
b.Investment	15561.0	18013.5	2694.3	17281.9
Foreign Receipts	632223.0	620753.3	327119.2	968448.3
1.Foreign Loans	300346.5	421354.3	239699.8	587814.5
a. Current Loans	77505.9	90567.8	2548.8	25000.6
b. Capital Loans	222840.6	314928.8	209032.0	477862.0
c. Debt Loans	-	15857.7	28119.0	84952.0
2.Foreign Grants & Aids	331876.5	199399.0	87419.4	380633.7
a.Current Receipts	154494.1	126006.5	55855.3	207773.1
b.Capital Receipts	177382.4	73392.5	31564.1	172860.6
<b>EXPENDITURES</b>	11459082.9	12345058.8	5693925.7	14929913.5
1.Current Account	8034593.9	8800051.7	4320795.2	10372330.3
a.Ministries and Departments	5160308.6	5735001.7	2741095.9	6692485.4
b.Interest	924618.3	1188592.8	685272.7	1483979.9
c.Contributions	1949666.9	1876457.2	894426.6	2195864.9
2.Capital Account (Ministries & Departments)	3180366.1	3195492.0	1187041.7	4182524.3
3.Financial Account	153806.8	264158.5	166547.5	337086.4
a.Public Debt	135269.0	215759.8	136354.2	318437.1
b.Investment	18537.7	48398.7	30193.3	18649.4
c.Savings	-	-	-	-
4.Reserve Fund	90316.1	85356.6	19541.3	37972.4
Surplus(+)/Deficit(-)	-2228674.0	-2608055.9	-1090583.0	-3623086.1



**TABLE 16.01 SUMMARY OF THE UNION BUDGET (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>STATE ECONOMIC ENTERPRISES</b>				
<b>RECEIPTS</b>	5918214.6	6072661.3	3426035.9	7658371.4
Internal Receipts	5760240.922	5762700.1	3270540.8	7221070.6
1.Current Account	5750031.404	5733224.2	3218301.8	7119557.9
2.Capital Account	7709.5	3010.6	2405.0	920.3
3.Financial Account	2500.0	26465.3	49834.0	100592.4
Foreign Receipts	157973.7	309961.2	155495.1	437300.8
1.Foreign Loans	138433.426	290900.6	147619.4	416289.8
2.Foreign Grants and Aids	19540.2	19060.6	7875.7	21011.0
<b>EXPENDITURES</b>	5841367.1	6215800.1	3022476.1	7635780.1
1.Current Account	5034802.5	5158580.7	2501318.6	6349479.3
2.Capital Account	461224.886	626467.6	297019.0	721038.9
3.Financial Account	345339.758	430751.8	224138.5	565261.8
Surplus(+)/Deficit(-)	+76847.5	-143138.8	+403559.8	22591.3
<b>STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)</b>				
<b>RECEIPTS</b>	1122809.232	1090399.6	638468.3	1496773.0
Internal Receipts	926113.6	1019318.2	591875.4	1349920.2
1.Current Account	891375.5	1005098.1	578974.4	1334656.1
2.Capital Account	5740.8	4422.3	-	-
3.Financial Account	28997.4	9797.8	12901.0	15264.1
Foreign Receipts	196695.6	71081.4	46592.9	146852.8
1.Foreign Loans	196695.6	69934.7	37430.0	142708.6
2.Foreign Grants and Aids	-	1146.7	9162.9	4144.2
<b>EXPENDITURES</b>	1127830.8	1045932.9	552521.3	1483314.2
1.Current Account	848391.8	900541.5	470587.5	1247845.5
2.Capital Account	263872.166	123824.9	63895.8	205994.4
3.Financial Account	15566.808	21566.5	18038.0	29474.4
Surplus(+)/Deficit(-)	-5021.6	+44466.7	+85947.0	13458.7

**TABLE 16.01 SUMMARY OF THE UNION BUDGET (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>CANTONMENT MUNICIPALITIES</b>				
<b>RECEIPTS</b>	1206.1	1267.4	707.8	1549.4
1.Current Account	1206.097	1267.4	707.8	1549.4
2.Capital Account	-	-	-	-
3.Financial Account	-	-	-	-
4.Foreign Loans and Grants	-	-	-	-
<b>EXPENDITURES</b>	1182.967	1191.1	596.8	1314.1
1.Current Account	1141.467	1163.1	596.8	1314.1
2.Capital Account	41.5	28.0	-	-
3.Financial Account	-	-	-	-
Surplus(+)/Deficit(-)	+23.1	+76.3	+111.0	235.3
<b>NAY PYI TAW COUNCIL</b>				
<b>RECEIPTS</b>	151.8	120.8	231.0	255.8
1.Current Account	151.8	120.8	231.0	255.8
2.Capital Account	-	-	-	-
3.Financial Account	-	-	-	-
4.Foreign Loans and Grants	-	-	-	-
<b>EXPENDITURES</b>	17198.4	32333.0	3017.7	81303.6
1.Current Account	1280.4	1254.3	232.3	1336.1
2.Capital Account	15918.1	31078.7	2785.4	79967.5
3.Financial Account	-	-	-	-
Surplus(+)/Deficit(-)	-17046.6	-32212.2	-2786.7	-81047.8
<b>NAY PYI TAW DEVELOPMENT COMMITTEE</b>				
<b>RECEIPTS</b>	42556.9	45075.7	19747.1	48124.0
1.Current Account	42463.0	44404.5	19718.0	48056.4
2.Capital Account	93.9	51.1	29.1	67.7
3.Financial Account	-	-	-	-
4.Foreign Loans and Grants	-	620.1	-	-
<b>EXPENDITURES</b>	38345.4	33470.1	15494.7	37753.8
1.Current Account	31321.0	29499.6	14474.6	34413.0
2.Capital Account	7024.3	3970.5	1020.1	3340.8
3.Financial Account	-	-	-	-
Surplus(+)/Deficit(-)	+4211.6	+11605.6	+4252.4	10370.2

**TABLE 16.01 SUMMARY OF THE UNION BUDGET (concl'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>CENTRAL BANK OF MYANMAR</b>				
<b>RECEIPTS</b>	601395.3	746754.7	429300.5	902394.7
Internal Receipts	601395.3	746734.6	429220.5	886205.8
1.Current Account	601395.3	746734.6	429220.5	886205.8
2.Capital Account	-	-	-	-
3.Financial Account	-	-	-	-
Foreign Receipts	-	20.1	80.0	16188.9
1.Foreign Loans	-	20.1	80.0	12045.3
2.Foreign Grants and Aids	-	-	-	4143.6
<b>EXPENDITURES</b>	381653.4	484806.8	266309.9	547679.1
1.Current Account	379788.7	483616.2	265407.2	530389.7
2.Capital Account	1864.8	1190.6	902.7	17289.4
3.Financial Account	-	-	-	-
Surplus(+)/Deficit(-)	+219741.9	+261947.9	+162990.6	354715.6
<b>UNION MINISTRY AND DEPARTMENT (Undertaken Outside the Union Fund)</b>				
<b>Social Security Board</b>				
<b>RECEIPTS</b>	73264.8	88536.8	55854.1	130235.1
1.Current Account	73240.784	88536.3	55851.8	130234.3
2.Capital Account	24.039	0.5	2.3	0.9
3.Financial Accounts	-	-	-	-
4.Foreign Loans and Grants	-	-	-	-
<b>EXPENDITURES</b>	15983.2	17948.8	12297.5	28075.7
1.Current Account	13325.3	16134.6	11844.0	25689.7
2.Capital Account	2657.9	1814.2	453.5	2386.1
3.Financial Account	-	-	-	-
Surplus(+)/Deficit(-)	+57281.6	+70588.0	+43556.6	102159.4
<b>TOTAL</b>				
1.Receipts	16990007.6	17781819.2	9173687.4	21544530.8
2.Expenditures	18882644.2	20176541.6	9566639.7	24745134.2
Surplus(+)/Deficit(-)	-1892636.593	-2394722.4	-392952.3	-3200603.4

Source : Budget Department.

**TABLE 16.02 CURRENT RECEIPTS OF THE STATE ADMINISTRATIVE ORGANIZATIONS**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2005-2006		2010-2011		2015-2016	
	Amount	%	Amount	%	Amount	%
<b>TOTAL CURRENT RECEIPTS</b>	<b>818047.8</b>	<b>100.0</b>	<b>5307269.5</b>	<b>100.0</b>	<b>7985318.6</b>	<b>100.0</b>
<b>TAXES AND DUTIES</b>	476944.9	58.3	1281860.4	24.1	6314697.6	79.1
1. Taxes on Production and public consumption	245725.8	30.0	665233.6	12.5	2590986.1	32.5
Commodities and Services Tax	-	-	-	-	-	-
Import Licence Fees	553.6	0.1	865.1	*	9115.1	0.1
State Lottery	8771.4	1.1	20275.4	0.4	34137.8	0.4
Stamps Duty	4586.2	0.6	25112.4	0.5	124504.2	1.6
Fee for vehicle, driving license and business license	1757.6	0.2	16338.9	0.3	316300.8	4.0
Excise Duty	4936.3	0.6	6604.1	0.1	969.7	*
Commercial Taxes	225120.7	27.5	596037.7	11.2	2105958.6	26.4
Taxes on inserting nucleus into oyster	-	-	-	-	-	-
Licence fees for tour licence, Hotel and guesthouse licence, Transportation licence, Tour guide business licence	-	-	-	-	-	-
Special Goods Tax	-	-	-	-	-	-
2. Customs Duties	17894.0	2.2	59635.8	1.1	467241.9	5.9
3. Income Tax	206676.2	25.3	544891.3	10.3	2326399.8	29.1
4. Taxes levied on utility of State owned properties	6648.9	0.8	12099.7	0.2	930069.7	11.6
Land Revenue	101.9	*	152.9	*	7.6	*
Taxes on Extraction of Forest Produce	2270.8	0.3	4490.8	0.1	8742.7	0.1
Taxes on Extraction of Mineral	24.5	*	57.3	*	57.2	*
Taxes on Fisheries	4224.3	0.5	7033.5	0.1	2591.7	*
Water and Irrigation Tax	26.9	*	337.2	*	*	*
Taxes on Rubber	0.5	*	28.0	*	-	-
Tax on Extraction Petroleum and Natural Gas	-	-	-	-	343071.9	4.3
Minerals Tax and Treasure Tax	-	-	-	-	31591.2	0.4
Tax Levied on Communication Services	-	-	-	-	530222.5	6.6
Tax Levied on Extraction of Electricity	-	-	-	-	13784.8	0.2
Tax levied on the users of vacant land and fallow land	-	-	-	-	-	-
<b>RECEIPTS FROM MINISTRIES &amp; DEPARTMENTS</b>	59511.9	7.3	3241492.3	61.1	626407.4	7.8
<b>EARNINGS FROM STATE ECONOMIC ENTERPRISES</b>	281279.0	34.4	783416.3	14.8	818909.8	10.3
<b>GRANT RECEIPTS</b>	-	-	-	-	-	-
<b>INTEREST RECEIPTS</b>	10.7	*	155.5	*	64216.7	0.8
<b>TOTAL RECEIPTS</b>	817746.5	100.0	5306924.5	100.0	7824231.5	98.0
<b>FOREIGN AIDS AND GRANTS</b>	301.3	*	345.0	*	161087.1	2.0

**TABLE 16.02 CURRENT RECEIPTS OF THE STATE ADMINISTRATIVE ORGANIZATIONS (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	2016-2017		2017-2018		2018 (Apr-Sep)		2018-2019	
	Amount	%	Amount	%	Amount	%	Amount	%
<b>TOTAL CURRENT RECEIPTS</b>	<b>8629765.5</b>	<b>100.0</b>	<b>9099742.7</b>	<b>100.0</b>	<b>4226655.1</b>	<b>100.0</b>	<b>10407973.0</b>	<b>100.0</b>
<b>TAXES AND DUTIES</b>	7122321.0	82.5	7423519.6	81.6	3424114.6	81.0	8360230.8	80.3
1. Taxes on Production and public consumption	3331813.1	38.6	3620178.4	39.8	1722989.3	40.8	4114630.6	39.5
Commodities and Services Tax								
Import Licence Fees	7805.2	0.1	8171.9	0.1	2283.8	0.1	4512.2	*
State Lottery	40203.7	0.5	93824.0	1.0	50222.8	1.2	144028.0	1.4
Stamps Duty	56344.5	0.7	67640.6	0.7	29337.0	0.7	59356.3	0.6
Fee for vehicle, driving license and business license	352173.3	4.1	232928.2	2.6	113925.0	2.7	218362.1	2.1
Excise Duty	1086.6	*	1141.5	*	575.3	*	1322.1	*
Commercial Taxes	1877851.8	21.8	1974699.1	21.7	920618.1	21.8	2256770.2	21.7
Taxes on inserting nucleus into oyster	819.3	*	702.0	*	624.6	*	199.6	*
Licence fees for tour licence, Hotel and guesthouse licence, Transportation licence, Tour guide business licence	1293.0	*	857.0	*	478.5	*	959.4	*
Special Goods Tax	994235.7	11.5	1240214.1	13.6	604924.2	14.3	1429120.7	13.7
2. Customs Duties	480186.9	5.6	523798.7	5.8	265697.2	6.3	463812.8	4.5
3. Income Tax	2323668.8	26.9	2263720.3	24.9	951000.2	22.5	2692016.9	25.9
4. Taxes levied on utility of State owned properties	986652.2	11.4	1015822.2	11.2	484427.9	11.5	1089770.6	10.5
Land Revenue	8.4	*	17.2	*	6.5	*	20.7	*
Taxes on Extraction of Forest Produce	8044.1	0.1	5062.9	0.1	2214.0	0.1	8271.3	0.1
Taxes on Extraction of Mineral	57.7	*	69.8	*	31.5	*	73.7	*
Taxes on Fisheries	3687.3	*	4458.4	0.05	2823.4	0.1	6269.5	0.1
Embankment Tax	*	*	*	*	*	*	1.400	-
Taxes on Rubber	-	-	-	-	-	-	-	-
Tax on Extraction Petroleum and Natural Gas	448942.9	5.2	352874.4	3.9	218139.4	5.2	497739.5	4.8
Minerals Tax and Treasure Tax	30217.6	0.4	30386.1	0.3	13231.8	0.3	30744.5	0.3
Tax Levied on Communication Services	485911.3	5.6	612809.9	6.7	241965.6	5.7	530367.0	5.1
Tax Levied on Extraction of Electricity	9782.9	0.1	9993.7	0.1	5583.3	0.1	15379.7	0.1
Tax levied on the users of vacant land and fallow land	-	-	149.8	*	432.4	*	903.4	*
<b>RECEIPTS FROM MINISTRIES &amp; DEPARTMENTS</b>	669342.0	7.8	699257.2	7.7	342778.0	8.1	817861.3	7.9
<b>EARNINGS FROM STATE ECONOMIC ENTERPRISES</b>	590949.8	6.85	729132.3	8.0	363893.5	8.6	915854.6	8.8
<b>GRANT RECEIPTS</b>	26696.0	0.3	46536.0	0.5	-	-	22800.5	0.2
<b>INTEREST RECEIPTS</b>	65962.6	0.8	75291.2	0.8	40013.7	1.0	83452.7	0.8
<b>TOTAL RECEIPTS</b>	<b>8475271.4</b>	<b>98.2</b>	<b>8973736.3</b>	<b>98.6</b>	<b>4170799.8</b>	<b>98.7</b>	<b>10200199.8</b>	<b>98.0</b>
<b>FOREIGN AIDS AND GRANTS</b>	154494.1	1.8	126006.4	1.4	55855.3	1.3	207773.1	2.0

Note : \* is less than one unit.

Source : Budget Department.



**TABLE 16.03 EXPENDITURES OF THE UNION GOVERNMENT BY SECTOR (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sector	2015-2016				2016-2017			
	Current		Capital		Current		Capital	
	Amount	%	Amount	%	Amount	%	Amount	%
<b>EXPENDITURE BY SECTOR</b>								
<b>TOTAL</b>	<b>14216471.5</b>	<b>100.0</b>	<b>4707175.093</b>	<b>100.0</b>	<b>14403578.9</b>	<b>100.0</b>	<b>3964351.9</b>	<b>100.0</b>
Agriculture	274412.2	1.9	341099.7	7.3	300081.9	2.1	214885.9	5.4
Livestock and Fishery	33549.1	0.2	295139.926	6.3	41520.7	0.3	278482.9	7.0
Forestry	429541.4	3.0	8393.486	0.2	182362.8	1.3	10279.6	0.3
Mines	163261.0	1.2	194.0	*	115550.5	0.8	175.2	*
Industry	243401.6	1.7	300488.087	6.4	166803.6	1.2	143241.1	3.6
Energy	4511179.5	31.7	573511.06	12.2	4331677.3	30.1	428414.0	10.8
Construction	99419.3	0.7	295664.9	6.3	99478.6	0.7	287445.6	7.3
Transport and Communications	638030.7	4.5	260851.426	5.5	611240.5	4.2	419287.6	10.6
Social Services <u>1/</u>	3661018.5	25.8	669010.473	14.2	3896369.7	27.1	597711.9	15.1
Finance	841879.8	5.9	71045.886	1.5	1084433.5	7.5	62687.4	1.6
Trade	19917.7	0.1	4532.578	0.1	15639.8	0.1	1403.6	*
Defence	1551607.9	10.9	1589539.424	33.8	1623472.7	11.3	1326519.6	33.5
Administration <u>2/</u>	1704895.2	12.0	219689.392	4.7	1901204.5	13.2	170833.7	4.3
Development Committees	42484.6	0.3	8409.452	0.2	32462.5	0.2	7065.8	0.2
Nay Pyi Taw Council	1873.1	*	69605.3	1.5	1280.4	*	15918.1	0.4

**TABLE 16.03 EXPENDITURES OF THE UNION GOVERNMENT BY SECTOR (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sector	2017-2018				2018 (Apr-Sep)				2018-2019			
	Current		Capital		Current		Capital		Current		Capital	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
<b>EXPENDITURE BY SECTOR</b>												
<b>TOTAL</b>	<b>15396950.0</b>	<b>100.0</b>	<b>4063114.7</b>	<b>100.0</b>	<b>7590305.3</b>	<b>100.0</b>	<b>1567610.5</b>	<b>100.0</b>	<b>18573425.2</b>	<b>100.0</b>	<b>5239886.3</b>	<b>100.0</b>
Agriculture	282258.7	1.8	312802.7	7.7	125936.6	1.7	111882.2	7.1	312213.4	1.7	410015.0	7.8
Livestock and Fishery												
Forestry	370792.1	2.4	24142.4	0.6	162613.3	2.1	10827.4	0.7	440379.8	2.4	33007.7	0.6
Mines												
Industry	154544.7	1.0	109564.2	2.7	63936.7	0.8	45737.5	2.9	144983.7	0.8	88629.6	1.7
Energy	4411007.8	28.7	531343.8	13.1	2248685.3	29.6	177961.9	11.4	5721333.8	30.8	754585.4	14.4
Construction	104686.2	0.7	310008.4	7.6	33539.5	0.4	69831.4	4.5	108917.1	0.6	485995.5	9.3
Transport and Communications	523040.8	3.4	450438.0	11.1	208506.3	2.8	284692.9	18.2	562653.2	3.0	714669.3	13.6
Social Services <u>1/</u>	3983834.5	25.9	679536.9	16.7	1987346.0	26.2	158164.5	10.1	4757163.8	25.6	849143.5	16.2
Finance	1516630.4	9.9	44024.5	1.1	701809.7	9.3	13878.7	0.9	1723139.6	9.3	86044.4	1.6
Trade	18467.2	0.1	3196.1	0.1	10443.7	0.1	484.0	*	24245.3	0.1	2482.9	*
Defence	1759417.1	11.4	1415116.7	34.8	781932.4	10.3	511299.6	32.6	1928731.4	10.4	1551000.5	29.6
Administration <u>2/</u>	2240353.6	14.6	147863.8	3.6	1250252.1	16.5	179044.8	11.4	2827445.2	15.2	181004.3	3.5
Development Committees	30662.7	0.2	3998.5	0.1	15071.4	0.2	1020.2	0.1	21682.8	0.1	3340.8	0.1
Nay Pyi Taw Council	1254.2	*	31078.7	0.8	232.3	*	2785.4	0.2	536.1	*	79967.5	1.5

Notes : \* is less than one unit.

1/ Includes contributions.

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<sup>th</sup> November 1997.

Source : Budget Department.





**TABLE 16.04 EXPENDITURES OF THE STATE ADMINISTRATIVE ORGANIZATIONS BY SECTOR (cont'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sector	2015-2016				2016-2017			
	Current		Capital		Current		Capital	
	Amount	%	Amount	%	Amount	%	Amount	%
<b>EXPENDITURE BY SECTOR</b>								
<b>TOTAL</b>	<b>7478262.8</b>	<b>100.0</b>	<b>3725583.8</b>	<b>100.0</b>	<b>8140596.0</b>	<b>100.0</b>	<b>3237390.1</b>	<b>100.0</b>
Agriculture	230764.0	3.1	341039.7	9.2	235876.7	2.9	214866.5	6.6
Livestock and Fishery	33549.1	0.5	295134.9	7.9	41520.7	0.5	278482.9	8.6
Forestry	13940.3	0.2	8284.9	0.2	14291.9	0.2	10184.0	0.3
Mines	2446.7	*	58.4	*	2746.7	*	65.8	*
Industry	61982.7	0.8	74741.0	2.0	7607.7	0.1	7367.3	0.2
Energy	16203.7	0.2	105475.3	2.8	26769.9	0.3	223018.5	6.9
Construction	99419.3	1.3	295664.9	7.9	99478.6	1.2	287445.6	8.9
Transport and Communications	28344.2	0.4	34660.4	0.9	35269.8	0.4	50480.6	1.6
Social services <u>1/</u>	3627707.0	48.5	666396.8	17.9	3879286.4	47.7	596085.5	18.4
Finance	43127.2	0.6	12346.3	0.3	223687.7	2.8	47652.5	1.5
Trade	19917.7	0.3	4532.6	0.1	15639.8	0.2	1403.6	*
Defence	1551607.9	20.8	1589539.4	42.7	1623472.7	19.9	1326519.6	41.0
Administration <u>2/</u>	1704895.2	22.8	219689.4	5.9	1901204.5	23.4	170833.7	5.3
Development Committees	42484.6	0.6	8409.5	0.2	32462.5	0.4	7065.8	0.2
Nay Pyi Taw Council	1873.1	*	69605.3	1.9	1280.4	*	15918.1	0.5

**TABLE 16.04 EXPENDITURES OF THE STATE ADMINISTRATIVE ORGANIZATIONS BY SECTOR (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sector	2017-2018				2018 (Apr-Sep)				2018-2019			
	Current		Capital		Current		Capital		Current		Capital	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
<b>EXPENDITURE BY SECTOR</b>												
<b>TOTAL</b>	<b>8854211.6</b>	<b>100.0</b>	<b>3311631.6</b>	<b>100.0</b>	<b>4352991.9</b>	<b>100.0</b>	<b>1205792.9</b>	<b>100.0</b>	<b>10445710.7</b>	<b>100.0</b>	<b>4295563.7</b>	<b>100.0</b>
Agriculture	282258.7	3.2	312802.7	9.5	125936.6	2.9	111882.2	9.3	312213.4	3.0	410015.0	9.5
Livestock and Fishery												
Forestry	26110.9	0.3	23831.3	0.7	11902.1	0.3	10463.7	0.9	33579.7	0.3	30000.6	0.7
Mines												
Industry	7811.6	0.1	3651.6	0.1	4039.1	0.1	976.1	0.1	8321.2	0.1	9245.7	0.2
Energy	28244.4	0.3	308509.1	9.3	13199.3	0.3	72351.6	6.0	34611.6	0.3	434983.0	10.1
Construction	104686.2	1.2	310008.4	9.4	33539.5	0.8	69831.4	5.8	108917.1	1.0	485995.5	11.3
Transport and Communications	41045.8	0.5	50464.3	1.5	21752.0	0.5	79529.9	6.6	46907.4	0.4	210344.7	4.9
Social services <u>1/</u>	3964603.3	44.8	673089.8	20.3	1978637.4	45.5	158077.9	13.1	4734284.9	45.3	848526.9	19.8
Finance	349295.8	4.0	28020.6	0.9	106054.1	2.4	8046.1	0.7	364234.5	3.5	48656.4	1.1
Trade	18467.2	0.2	3196.1	0.10	10443.7	0.2	484.0	*	24245.3	0.2	248.9	0.10
Defence	1759417.1	19.9	1415116.7	42.7	781932.4	18.0	511299.6	42.4	1928731.4	18.5	1551000.5	36.1
Administration <u>2/</u>	2240353.6	25.3	147863.8	4.5	1250252.1	28.7	179044.8	14.9	2827445.2	27.1	181004.3	4.2
Development Committees	30662.7	0.4	3998.5	0.1	15071.3	0.4	1020.2	0.1	21682.8	0.2	3340.8	0.1
Nay Pyi Taw Council	1254.3	*	31078.7	0.9	232.3	*	2785.4	0.2	536.1	*	79967.5	1.9

Notes : \* is less than one unit.

Source : Budget Department.

1/ Includes contributions.

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<sup>th</sup> November 1997.

**TABLE 16.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

State Economic Enterprises	2005-2006			2010-2011		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
<b>TOTAL</b>	<b>1120482.2</b>	<b>1224424.1</b>	<b>-103941.9</b>	<b>2805164.3</b>	<b>2754589.2</b>	<b>+50575.1</b>
<b>AGRICULTURE AND FOREST</b>	9685.8	30227.1	-20541.3	33985.7	121221.2	-87235.5
1.Myanmar Timber Enterprise	9685.8	30227.1	-20541.3	33985.7	121221.2	-87235.5
<b>LIVESTOCK BREEDING AND FISHERIES</b>	12159.2	14182.1	-2022.9	11976.1	30439.8	-18463.7
1.Myanmar Fisheries Enterprise	-	-	-	-	-	-
2.Livestock, Foodstuff and Milk Products Enterprise	12159.2	14182.1	-2022.9	11976.1	30439.8	-18463.7
<b>MINES</b>	18658.3	10395.2	+8263.1	75091.9	44179.8	+30912.1
1.Mining Enterprises	3499.9	5250.7	-1750.8	12430.5	9116.5	+3314.0
2.Myanmar Gems Enterprise	13795.4	3691.1	+10104.3	60814.3	32706.3	+28108.0
3.Myanmar Salt and Marine Chemical Enterprise	552.7	736.8	-184.1	722.7	1199.4	-476.7
4.Myanmar Pearl Enterprise	810.3	716.6	+93.7	1124.4	1157.6	-33.2
<b>INDUSTRY</b>	177379.5	168550.3	+8829.2	261964.9	271021.6	-9056.7
1.Industry (1)	153820.4	139797.7	+14022.7	168729.6	192098.3	-23368.7
2.Industry (2)	23559.1	28752.6	-5193.5	93235.3	78923.3	+14312.0
<b>ENERGY</b>	446921.0	597225.2	-150304.2	1375389.3	1275689.7	+99699.6
1.Myanmar Oil and Gas Enterprise	14375.8	15453.4	-1077.6	65352.5	75353.4	-10000.9
2. Myanmar Petrochemical Enterprise	158572.0	272670.3	-114098.3	196128.7	244168.4	-48039.7
3.Myanmar Petroleum Products Enterprise	235495.0	267701.9	-32206.9	686460.5	473588.8	+212871.7
4.Myanmar Electric Power Enterprise	38478.2	41399.6	-2921.4	427447.6	482579.1	-55131.5
<b>PUBLIC WORKS</b>	127679.6	117524.3	+10155.3	130371.3	122587.5	+7783.8
<b>TRANSPORT</b>	6488.5	6398.1	+90.4	8252.0	12798.8	-4546.8
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
<b>RAIL TRANSPORT</b>	26450.2	23865.2	+2585.0	40487.8	66753.0	-26265.2
1.Myanmar Railways	22749.3	20457.9	+2291.4	33137.6	59282.3	-26144.7
2.Road Transport	3700.9	3407.3	+293.6	7350.2	7470.7	-120.5

**TABLE 16.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES (cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

State Economic Enterprises	2005-2006			2010-2011		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
<b>TELECOMMUNICATIONS, POST &amp; TELEGRAPH</b>	115402.9	76380.6	+39022.3	322726.3	265530.1	+57196.2
1. Myanma Post and Telecommunications	115402.9	76380.6	+39022.3	322726.3	265530.1	+57196.2
<b>FINANCE AND REVENUE</b>	76432.1	81389.5	-4957.4	245272.8	279982.5	-34709.7
1. Myanma Economic Bank	40063.5	36947.5	+3116.0	155330.6	169514.1	-14183.5
2. Myanma Foreign Trade Bank	453.3	257.8	+195.5	1004.3	932.9	+71.4
3. Myanma Agricultural and Rural Development Bank	21122.0	35098.1	-13976.1	45963.6	75396.7	-29433.1
4. Myanma Investment and Commercial Bank	1816.6	1652.8	+163.8	4027.0	4798.6	-771.6
5. Myanma Insurance	6833.1	2673.5	+4159.6	20705.2	9181.8	+11523.4
6. Security and Printing Works	3370.6	2860.3	+510.3	15414.0	17050.4	-1636.4
7. Myanma Small Loan	2773.0	1899.5	+873.5	2828.1	3108.0	-279.9
<b>TRADE ENTERPRISES</b>	4979.0	4082.7	+896.3	5829.9	6888.4	-1058.5
<b>SOCIAL SERVICE</b>	8154.1	5367.4	+2786.7	21415.4	20915.9	+499.5
1. Information	6682.3	4325.2	+2357.1	15591.9	15596.6	-4.7
2. Social Security Board	1471.8	1042.2	+429.6	5823.5	5319.3	+504.2
<b>CENTRAL BANK OF MYANMAR</b>	83766.6	80608.8	+3157.8	246504.0	209993.2	+36510.8
<b>STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)</b>						
<b>TRANSPORT</b>	6325.4	8227.6	-1902.2	25896.9	26587.7	-690.8
1. Myanma Port Authority	1761.0	1715.0	+46.0	3836.9	6601.6	-2764.7
2. Myanma Shipyards	789.5	1044.7	-255.2	3297.1	4036.4	-739.3
3. Myanma National Airlines	3774.9	5467.9	-1693.0	18762.9	15949.7	+2813.2
<b>ENERGY</b>	-	-	-	-	-	-
1. Yangon Electricity Supply Corporation	-	-	-	-	-	-
2. Mandalay Electricity Supply Corporation	-	-	-	-	-	-

**TABLE 16.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES (cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

State Economic Enterprises	2015-2016			2016-2017		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
<b>TOTAL</b>	<b>7276895.0</b>	<b>6738208.7</b>	<b>+538686.3</b>	<b>5450896.7</b>	<b>4243862.7</b>	<b>+1207034.0</b>
<b>AGRICULTURE AND FOREST</b>	402836.9	415601.1	-12764.2	304512.5	168070.8	+136441.6
1.Myanmar Timber Enterprise	402836.9	415601.1	-12764.2	304512.5	168070.8	+136441.6
<b>LIVESTOCK BREEDING AND FISHERIES</b>	-	-	-	-	-	-
1.Myanmar Fisheries Enterprise	-	-	-	-	-	-
2.Livestock, Foodstuff and Milk Products Enterprise	-	-	-	-	-	-
<b>MINES</b>	283175.8	160814.3	+122361.5	184392.2	112803.8	+71588.4
1.Mining Enterprises	52616.8	42413.6	+10203.2	45259.2	28631.5	+16627.7
2.Myanmar Gems Enterprise	207553.7	106023.4	+101530.3	123011.4	73874.0	+49137.4
3.Myanmar Salt and Marine Chemical Enterprise	27.4	285.3	-257.9	-	-	-
4.Myanmar Pearl Enterprise	22978.0	12092.0	+10885.9	16121.7	10298.4	+5823.3
<b>INDUSTRY</b>	109031.4	181418.9	-72387.4	57575.1	74409.6	-16834.5
1.Industry (1)	}	109031.4	-72387.4	57575.1	74409.6	-16834.5
2.Industry (2)		109031.4	181418.9	-72387.4	57575.1	74409.6
<b>ENERGY</b>	4236688.9	4074980.0	+161708.9	2722811.2	1949622.8	+773188.4
1.Myanmar Oil and Gas Enterprise	1951664.9	1279372.2	+672292.7	2083353.3	1314413.9	+768939.4
2. Myanmar Petrochemical Enterprise	406543.9	664649.7	-258105.8	333914.8	272734.4	+61180.4
3.Myanmar Petroleum Products Enterprise	518020.1	505775.6	+12244.5	305543.1	362474.5	-56931.4
4.Myanmar Electric Power Enterprise	1360460.1	1625182.5	-264722.4	-	-	-
<b>PUBLIC WORKS</b>	-	-	-	-	-	-
<b>TRANSPORT</b>	7518.7	10526.6	-3007.9	6092.8	9796.1	-3703.3
1.Myanmar Five Star Line	-	-	-	-	-	-
2.Inland Water Transport	7518.7	10526.6	-3007.9	6092.8	9796.1	-3703.3
<b>RAIL TRANSPORT</b>	80383.9	125966.9	-45583.0	70245.4	120164.9	-49919.5
1.Myanmar Railways	70979.0	115102.1	-44123.1	63946.7	109965.7	-46019.0
2.Road Transport	9404.9	10864.7	-1459.9	6298.7	10199.2	-3900.5

**TABLE 16.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES (cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

State Economic Enterprises	2015-2016			2016-2017		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
<b>TELECOMMUNICATIONS, POST &amp; TELEGRAPH</b>	545552.2	336495.6	+209056.6	12074.4	18568.4	-6494.0
1. Myanma Post and Telecommunications	545552.2	336495.6	+209056.6	12074.4	18568.4	-6494.0
<b>FINANCE AND REVENUE</b>	532863.0	490936.0	+41927.1	579403.8	545162.5	+34241.3
1. Myanma Economic Bank	255839.1	284923.7	-29084.6	290680.2	324745.2	-34065.1
2. Myanma Foreign Trade Bank	42100.4	33521.4	+8579.0	26294.2	15998.7	+10295.5
3. Myanma Agricultural and Rural Development Bank	50126.1	43648.1	+6478.0	68449.6	64205.2	+4244.5
4. Myanma Investment and Commercial Bank	13616.6	12319.9	+1296.7	32582.9	19721.1	+12861.8
5. Myanma Insurance	46391.8	24530.6	+21861.2	65678.5	27407.6	+38270.9
6. Security and Printing Works	124619.0	91992.1	+32626.9	95718.4	93084.7	+2633.7
7. Myanma Small Loan	170.0	-	+170.0	-	-	-
<b>TRADE ENTERPRISES</b>	-	-	-	-	-	-
<b>SOCIAL SERVICE</b>	29906.8	33311.5	-3404.7	21018.5	17083.3	+3935.2
1. Information	29906.8	33311.5	-3404.7	21018.5	17083.3	+3935.2
2. Social Security Board	-	-	-	-	-	-
<b>CENTRAL BANK OF MYANMAR</b>	453084.1	351464.8	+101619.3	601395.3	379788.7	+221606.6
<b>STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)</b>						
<b>TRANSPORT</b>	141312.0	136697.4	+4614.6	197255.9	179820.2	+17435.7
1. Myanma Port Authority	76701.3	41209.1	+35492.1	77898.2	46006.3	+31891.9
2. Myanma Shipyards	3474.4	3923.4	-448.9	2147.6	1792.5	+355.1
3. Myanma National Airlines	61136.3	91564.8	-30428.6	117210.0	132021.4	-14811.3
<b>ENERGY</b>	454541.3	419995.9	+34545.4	694119.6	668571.6	+25548.4
1. Yangon Electricity Supply Corporation	333894.4	305470.1	+28424.3	498608.8	480147.9	+18461.3
2. Mandalay Electricity Supply Corporation	120646.9	114525.8	+6121.1	195510.8	188423.8	+7087.1

**TABLE 16.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES (cont'd)**

Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

State Economic Enterprises	2017-2018			2018 (Apr-Sep)			2018-2019		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
<b>TOTAL</b>	7485193.6	6542738.5	+942455.1	4226652.8	3237313.3	+989339.5	9340657.0	8127714.6	+1212942.4
<b>AGRICULTURE AND FOREST</b>	287232.9	205102.0	+82130.9	132125.1	81007.6	+51117.5	289535.2	262496.8	+27038.4
1.Myanma Timber Enterprise	287232.9	205102.0	+82130.9	132125.1	81007.6	+51117.5	289535.2	262496.8	+27038.4
<b>LIVESTOCK BREEDING AND FISHERIES</b>	-	-	-	-	-	-	-	-	-
1.Myanma Fisheries Enterprise	-	-	-	-	-	-	-	-	-
2.Livestock, Foodstuff and Milk Products Enterprise	-	-	-	-	-	-	-	-	-
<b>MINES</b>	232927.9	139579.2	+93348.7	91770.0	69703.7	+22066.3	241207.2	144303.3	+96904
1.Mining Enterprises	42315.3	29166.8	+13148.5	28084.9	20088.7	+7996.3	133845.3	53258.8	+80586.5
2.Myanma Gems Enterprise	176257.2	103662.4	+72594.8	56570.0	46736.4	+9833.6	94827.9	83113.2	+11714.7
3.Myanma Salt and Marine Chemical Enterprise	-	-	-	-	-	-	-	-	-
4.Myanma Pearl Enterprise	14355.4	6750.0	+7605.4	7115.0	2878.6	+4236.4	12534.0	7931.2	+4602.8
<b>INDUSTRY</b>	96080.2	146733.1	-50652.8	40830.3	59897.5	-19067.2	95243.1	136662.5	-41419.4
1.Industry (1)	96080.3	146733.1	-50652.8	40830.3	59897.5	-19067.2	95243.1	136662.5	-41419.4
2.Industry (2)									
<b>ENERGY</b>	4029862.9	3691256.3	+338606.6	2254129.6	1847503.8	+406625.8	5260378.1	4699363.0	+561015.2
1.Myanma Oil and Gas Enterprise	2123603.0	1323824.2	+799778.8	1146203.0	682059.1	+464143.9	2801330.9	1662944.7	+1138386.2
2. Myanma Petrochemical Enterprise	238866.5	206024.7	+32841.8	211919.2	88989.3	+122929.9	274323.7	239819.2	+34504.5
3.Myanma Petroleum Products Enterprise	243135.3	197366.6	+45768.7	108701.6	125333.3	-16631.7	204501.7	194242.5	+10259.2
4.Myanma Electric Power Enterprise	1424258.1	1964040.8	-539782.7	787305.8	951122.1	-163816.3	1980221.8	2602356.6	-622134.8
<b>PUBLIC WORKS</b>	-	-	-	-	-	-	-	-	-
<b>TRANSPORT</b>	4906.7	10519.4	-5612.7	2190.4	5504.7	-3314.3	5101.2	12383.9	-7282.7
1.Myanma Five Star Line	-	-	-	-	-	-	-	-	-
2.Inland Water Transport	4906.7	10519.4	-5612.7	2190.4	5504.7	-3314.3	5101.2	12383.9	-7282.7
<b>RAIL TRANSPORT</b>	66178.7	133023.8	-66845.1	33047.7	69024.2	-35976.5	71400.3	159673.6	-88273.3
1.Myanma Railways	58324.8	123001.2	-64676.4	29675.5	64038.5	-34363.0	65169.6	148558.1	-83388.5
2.Road Transport	7853.9	10022.6	-2168.7	3372.2	4985.7	-1613.5	6230.7	11115.6	-4884.8



**TABLE 16.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

State Economic Enterprises	2017-2018			2018 (Apr-Sep)			2018-2019		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
<b>TELECOMMUNICATIONS, POST &amp; TELEGRAPH</b>	271557.0	129417.5	+142139.5	214792.9	29620.2	+185172.7	257151.7	83202.0	+173949.7
1.Myanmar Post and Telecommunications	271557.0	129417.5	+142139.5	214792.9	29620.2	+185172.7	257151.7	83202.0	+173949.7
<b>FINANCE AND REVENUE</b>	725183.1	683718.3	+41464.7	441547.5	330348.3	+111199.2	881996.3	828515.4	+53480.9
1.Myanmar Economic Bank	364157.7	440470.0	-76312.3	199825.4	223990.8	-24165.4	456144.5	550695.0	-94550.5
2.Myanmar Foreign Trade Bank	34088.2	17496.6	+16591.6	20459.1	10789.9	+9669.2	36799.3	25492.9	+11306.4
3.Myanmar Agricultural and Rural Development Bank	126528.7	82588.8	+43939.9	97075.2	33544.3	+63530.9	126715.0	83212.9	+43502.1
4.Myanmar Investment and Commercial Bank	54073.1	27227.3	+26845.8	34629.0	11155.4	+23473.6	91863.6	39168.5	+52695.1
5.Myanmar Insurance	69678.4	42223.7	+27454.7	46571.7	16069.7	+30502.0	90567.9	51240.7	+39327.2
6.Security and Printing Works	76657.0	73711.9	+2945.1	42987.1	34798.2	+8188.9	79905.9	78705.3	+1200.6
7.Myanmar Small Loan	-	-	-	-	-	-	-	-	-
<b>TRADE ENTERPRISES</b>	-	-	-	-	-	-	-	-	-
<b>SOCIAL SERVICE</b>	19431.4	19231.2	+200.2	8024.4	8708.6	-684.2	17781.9	22878.9	-5097.0
1.Information	19431.4	19231.2	+200.2	8024.4	8708.6	-684.2	17781.9	22878.9	-5097.0
2.Social Security Board	-	-	-	-	-	-	-	-	-
<b>CENTRAL BANK OF MYANMAR</b>	746734.6	483616.2	+263118.5	429220.5	265407.3	+163813.2	886205.8	530389.7	+355816
<b>STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)</b>									
<b>TRANSPORT</b>	224635.3	209034.4	+15600.8	125934.2	82605.2	+43329	298549.8	260486.2	+38063.5
1.Myanmar Port Authority	88739.0	60266.3	+28472.7	48129.0	11814.5	+36314.4	99050.1	75560.4	+23489.7
2.Myanmar Shipyards	2447.4	2276.8	+170.7	469.6	725.2	-255.6	1040.2	1588.3	-548.1
3.Myanmar National Airlines	133448.8	146491.3	-13042.5	77335.6	70065.5	+7270.1	198459.5	183337.6	+15121.9
<b>ENERGY</b>	780462.9	691507.1	+88955.8	453040.2	387982.3	+65058	1036106.4	987359.3	+48747.1
1. Yangon Electricity Supply Corporation	562977.0	497610.6	+95366.4	322045.5	271595.1	+50450.4	747289.1	698342.5	+48946.6
2. Mandalay Electricity Supply Corporation	217485.9	193896.5	+23589.4	130994.8	116387.2	+14607.6	288817.3	289016.8	-199.5

Notes : (1) Since 14<sup>th</sup> August 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 1<sup>st</sup> April 2017.  
(2) Myanmar Airways has been changed as Myanmar National Airlines in December, 2014.

Source : Budget Department.

**TABLE 16.06 CAPITAL EXPENDITURES OF THE STATE ECONOMIC ENTERPRISES BY SECTOR**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sector	2005-2006	2010-2011	2015-2016
<b>TOTAL</b>	<b>121266.9</b>	<b>374484.5</b>	<b>981591.3</b>
<b>AGRICULTURE AND FOREST</b>	257.1	202.0	108.6
Myanma Timber Enterprise	257.1	202.0	108.6
<b>LIVESTOCK BREEDING AND FISHERIES</b>	851.0	1862.3	-
1.Myanma Fisheries Enterprise	-	-	-
2.Livestock, Foodstuff and Milk Products Enterprise	851.0	1862.3	-
<b>MINES</b>	677.1	1275.7	135.6
1.Mining Enterprises	225.7	43.4	18.9
2.Myanma Gems Enterprise	71.9	1010.9	31.1
3.Myanma Salt and Marine Chemical Enterprise	129.5	5.9	-
4.Myanma Pearl Enterprise	250.0	215.5	85.7
<b>INDUSTRY</b>	48912.1	73891.0	225747.1
1.Industry(1)	43261.2	42890.2	225747.1
2.Industry(2)	5650.9	31000.8	
<b>ENERGY</b>	18654.9	115843.3	438356.9
1.Myanma Oil and Gas Enterprise	937.6	3771.5	32736.3
2.Myanma Petrochemical Enterprise	751.4	19828.9	21307.8
3.Myanma Petroleum Products Enterprise	1172.3	136.8	2551.5
4.Myanma Electric Power Enterprise	15793.6	92106.1	381761.2
<b>PUBLIC WORKS</b>	1210.1	3678.8	-

**TABLE 16.06 CAPITAL EXPENDITURES OF THE STATE ECONOMIC ENTERPRISES BY SECTOR (cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sector	2005-2006	2010-2011	2015-2016
<b>TRANSPORT</b>	1036.0	992.4	235.3
1.Myanmar Five Star Line	90.7	0.1	-
2.Inland Water Transport	945.3	992.3	235.3
<b>RAIL TRANSPORT</b>	33576.2	45003.5	104059.0
1.Myanmar Railways	32922.7	1650.3	103861.3
2.Road Transport	653.5	43353.2	197.7
<b>TELECOMMUNICATIONS, POST &amp; TELEGRAPH</b>	8470.4	6359.5	71690.2
1.Myanmar Post and Telecommunications	8470.4	6359.5	71690.2
<b>FINANCE AND REVENUE</b>	4302.2	5672.5	19384.0
1.Myanmar Economic Bank	1481.1	119.5	3193.0
2.Myanmar Foreign Trade Bank	14.8	-	93.7
3.Myanmar Agricultural and Rural Development Bank	2616.0	4109.2	60.0
4.Myanmar Investment and Commercial Bank	18.8	135.1	23.2
5.Myanmar Insurance	74.0	1226.3	34.3
6.Security and Printing Works	52.7	59.5	15979.9
7.Myanmar Small Loan	44.9	22.9	-
<b>TRADE ENTERPRISES</b>	149.2	6888.4	-
<b>SOCIAL SERVICES</b>	609.2	523.0	2613.7
1.Information	474.4	349.8	2613.7
2.Social Security Board	134.8	173.2	-
<b>CENTRAL BANK OF MYANMAR</b>	347.1	1488.0	39375.6
<b>STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)</b>			
<b>TRANSPORT</b>	2214.1	117692.5	50206.4
1.Myanmar Port Authority	1757.3	2191.3	29289.0
2.Myanmar Shipyards	417.2	486.0	77.0
3.Myanmar National Airlines	39.5	115015.2	20840.4
<b>ENERGY</b>	-	-	29678.9
1.Yangon Electricity Supply Corporation	-	-	20888.0
2.Mandalay Electricity Supply Corporation	-	-	8790.9

**TABLE 16.06 CAPITAL EXPENDITURES OF THE STATE ECONOMIC ENTERPRISES BY SECTOR (cont'd)**  
 Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sector	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TOTAL</b>	<b>570428.1</b>	<b>751483.2</b>	<b>361817.6</b>	<b>944322.7</b>
<b>AGRICULTURE AND FOREST</b>	95.6	79.1	93.1	2334.4
Myanma Timber Enterprise	95.6	79.1	93.1	2334.4
<b>LIVESTOCK BREEDING AND FISHERIES</b>	-	-	-	-
1.Myanma Fisheries Enterprise	-	-	-	-
2.Livestock, Foodstuff and Milk Products Enterprise	-	-	-	-
<b>MINES</b>	109.4	232.1	270.6	672.7
1.Mining Enterprises	18.3	180.0	10.1	360.4
2.Myanma Gems Enterprise	52.3	36.4	19.7	69.2
3.Myanma Salt and Marine Chemical Enterprise	-	-	-	-
4.Myanma Pearl Enterprise	38.7	15.7	240.8	243.2
<b>INDUSTRY</b>	105138.1	105912.6	44761.4	79383.9
1.Industry(1)	105138.1	105912.6	44761.4	79383.9
2.Industry(2)				
<b>ENERGY</b>	35012.7	189428.9	81010.0	269004.4
1.Myanma Oil and Gas Enterprise	27917.3	15451.3	1084.3	22941.2
2.Myanma Petrochemical Enterprise	6536.1	957.6	-	886.2
3.Myanma Petroleum Products Enterprise	559.3	122.4	25.7	1238.7
4.Myanma Electric Power Enterprise	-	172897.6	79900.0	243938.3
<b>PUBLIC WORKS</b>	-	-	-	-

**TABLE 16.06 CAPITAL EXPENDITURES OF THE STATE ECONOMIC ENTERPRISES BY SECTOR (concl'd)**  
Years 2005/2006, 2010/2011, 2015/2016-2018/2019, absolute values in Million Kyats

Sector	2016-2017	2017-2018	2018 (Apr-Sep)	2018-2019
<b>TRANSPORT</b>	3643.2	7115.7	1887.0	14507.4
1.Myanmar Five Star Line	-	-	-	-
2.Inland Water Transport	3643.2	7115.7	1887.0	14507.4
<b>RAIL TRANSPORT</b>	79321.1	229569.1	64544.2	256612.3
1.Myanmar Railways	78305.9	228893.1	64404.8	256387.1
2.Road Transport	1015.2	676.0	139.5	225.2
<b>TELECOMMUNICATIONS, POST &amp; TELEGRAPH</b>	68181.5	77386.3	99436.2	77808.6
1.Myanmar Post and Telecommunications	68181.5	77386.3	99436.2	77808.6
<b>FINANCE AND REVENUE</b>	13189.5	14813.3	4929.9	20098.6
1.Myanmar Economic Bank	4341.5	4104.0	743.4	8161.7
2.Myanmar Foreign Trade Bank	262.1	176.6	228.6	598.1
3.Myanmar Agricultural and Rural Development Bank	19.4	403.4	268.3	1998.9
4.Myanmar Investment and Commercial Bank	113.7	170.0	62.2	-
5.Myanmar Insurance	208.6	330.2	38.2	508.7
6.Security and Printing Works	8244.2	9629.1	3589.3	8831.2
7.Myanmar Small Loan	-	-	-	-
<b>TRADE ENTERPRISES</b>	-	-	-	-
<b>SOCIAL SERVICES</b>	-	1930.6	86.6	616.7
1.Information	-	1930.6	86.6	616.7
2.Social Security Board	-	-	-	-
<b>CENTRAL BANK OF MYANMAR</b>	1864.8	1190.6	902.7	17289.4
<b>STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)</b>				
<b>TRANSPORT</b>	217143.9	86079.6	39295.5	155396.3
1.Myanmar Port Authority	64259.2	85963.6	39289.0	155226.7
2.Myanmar Shipyards	55.9	44.3	6.5	34.0
3.Myanmar National Airlines	152828.8	71.6	-	135.6
<b>ENERGY</b>	46728.3	37745.3	24600.4	50598.0
1.Yangon Electricity Supply Corporation	35503.1	29626.6	18596.4	32496.0
2.Mandalay Electricity Supply Corporation	11225.2	8118.7	6003.9	18102.1

Notes : (1) Since 14<sup>th</sup> August, 1996, Myanmar Agricultural and Rural Development Bank is reorganized as Myanmar Agricultural and Development Bank which 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 1<sup>st</sup> April 2017.

(2) Myanmar Airways has been changed as Myanmar National Airlines in December, 2014.

Source : Budget Department.

**TABLE 16.07 REVENUE OF THE STATES AND REGIONS**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

States / Regions	2015-2016				2016-2017			
	Current	Capital	Financial	Total	Current	Capital	Financial	Total
<b>Grand Total</b>	<b>573944.712</b>	<b>184795.665</b>	<b>5804.295</b>	<b>764544.672</b>	<b>2307713.468</b>	<b>70038.138</b>	<b>3025.773</b>	<b>2380777.379</b>
Kachin State	15303.661	86.820	-	15390.481	14905.992	4.375	-	14910.367
Kayah State	7368.486	8.472	-	7376.958	2720.411	61.856	-	2782.267
Kayin State	8929.848	85.616	-	9015.464	6027.445	6.572	-	6034.017
Chin State	5409.584	181.285	2296.115	7886.984	9795.129	34.225	-	9829.354
Sagaing Region	33770.276	17.475	-	33787.751	36594.282	8.007	-	36602.289
Taninthayi Region	11904.850	0.701	-	11905.551	8810.352	13.465	-	8823.817
Bago Region	45391.647	727.328	63.365	46182.340	27462.715	127.803	-	27590.518
Magway Region	25289.472	204.238	-	25493.710	18023.603	135.770	-	18159.373
Mandalay Region	94261.677	47379.374	-	141641.051	101244.137	27297.807	-	128541.944
Mon State	16246.211	288.405	629.479	17164.095	12614.930	1.329	-	12616.259
Rakhine State	12915.811	0.057	-	12915.868	8857.189	-	-	8857.189
Yangon Region	219299.982	134790.082	2815.336	356905.400	372575.619	41319.225	3025.773	416920.617
Shan State	48451.570	3.672	-	48455.242	32942.038	28.407	-	32970.445
Ayeyawady Region	29401.637	1022.140	-	30423.777	27431.301	999.297	-	28430.598
<b>Total</b>	<b>573944.712</b>	<b>184795.665</b>	<b>5804.295</b>	<b>764544.672</b>	<b>680005.143</b>	<b>70038.138</b>	<b>3025.773</b>	<b>753069.054</b>
Grant from Union	-	-	-	-	1627708.325	-	-	1627708.325
Loan from Union	-	-	-	-	-	-	-	-
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1627708.325</b>	<b>-</b>	<b>-</b>	<b>1627708.325</b>

**TABLE 16.07 REVENUE OF THE STATES AND REGIONS (cont'd)**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

States / Regions	2017-2018				2018 (Apr-Sep)			
	Current	Capital	Financial	Total	Current	Capital	Financial	Total
<b>Grand Total</b>	<b>2335119.867</b>	<b>36405.163</b>	<b>22832.236</b>	<b>2394357.266</b>	<b>1145265.624</b>	<b>25156.128</b>	<b>21090.746</b>	<b>1191512.498</b>
Kachin State	31192.911	531.700	-	31724.611	8576.221	17.000	-	8593.221
Kayah State	10339.665	2.640	-	10342.305	1689.345	91.910	-	1781.255
Kayin State	15370.236	15.946	-	15386.182	3111.280	1.150	-	3112.430
Chin State	16070.166	2.513	-	16072.679	1542.650	1.500	-	1544.150
Sagaing Region	42746.768	6.241	-	42753.009	17135.893	5.028	-	17140.921
Taninthayi Region	19583.742	1.344	-	19585.086	5385.486	577.425	-	5962.911
Bago Region	36584.458	38.455	-	36622.913	15262.143	56.439	-	15318.582
Magway Region	37816.121	39.454	-	37855.575	12354.073	3.650	-	12357.723
Mandalay Region	102900.095	19157.956	1169.479	123227.530	53688.195	18923.887	1539.182	74151.264
Mon State	20314.965	6.544	-	20321.509	8743.265	2.736	-	8746.001
Rakhine State	24291.450	12.500	-	24303.950	4706.627	3.600	-	4710.227
Yangon Region	314866.068	16433.225	21662.757	352962.050	157616.971	5432.546	19551.564	182601.081
Shan State	53585.491	59.795	-	53645.286	17481.990	8.041	-	17490.031
Ayeyawady Region	41269.724	96.850	-	41366.574	17814.746	31.216	-	17845.962
<b>Total</b>	<b>766931.860</b>	<b>36405.163</b>	<b>22832.236</b>	<b>826169.259</b>	<b>325108.885</b>	<b>25156.128</b>	<b>21090.746</b>	<b>371355.759</b>
Grant from Union	1568188.007	-	-	1568188.007	820156.739	-	-	820156.739
Loan from Union	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1568188.007</b>	<b>-</b>	<b>-</b>	<b>1568188.007</b>	<b>820156.739</b>	<b>-</b>	<b>-</b>	<b>820156.739</b>

**TABLE 16.07 REVENUE OF THE STATES AND REGIONS (concl'd)**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

States / Regions	2018-2019			
	Current	Capital	Financial	Total
<b>Grand Total</b>	<b>2763145.080</b>	<b>66418.826</b>	<b>79796.372</b>	<b>2909360.278</b>
Kachin State	25831.475	10.600	-	25842.075
Kayah State	6451.988	306.472	-	6758.460
Kayin State	14148.867	0.050	-	14148.917
Chin State	9587.929	1.050	-	9588.979
Sagaing Region	43944.677	84.000	-	44028.677
Taninthayi Region	15475.153	273.824	-	15748.977
Bago Region	42464.240	77.906	-	42542.146
Magway Region	37205.295	9.160	-	37214.455
Mandalay Region	144376.504	28334.076	2000.090	174710.670
Mon State	23401.865	1398.129	-	24799.994
Rakhine State	17277.615	3825.936	-	21103.551
Yangon Region	419452.678	31740.658	77509.182	528702.518
Shan State	48422.974	294.373	-	48717.347
Ayeyawady Region	42505.122	62.592	287.100	42854.814
<b>Total</b>	<b>890546.382</b>	<b>66418.826</b>	<b>79796.372</b>	<b>1036761.580</b>
Grant from Union	1872598.698	-	-	1872598.698
Loan from Union	-	-	-	-
<b>Total</b>	<b>1872598.698</b>	<b>-</b>	<b>-</b>	<b>1872598.698</b>

Source : Budget Department.

**TABLE 16.08 EXPENDITURE OF THE STATES AND REGIONS**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

States / Regions	2015-2016				2016-2017			
	Current	Capital	Financial	Total	Current	Capital	Financial	Total
<b>Total</b>	<b>897688.353</b>	<b>1489136.556</b>	<b>4081.624</b>	<b>2390906.533</b>	<b>935784.917</b>	<b>1357398.146</b>	<b>151388.583</b>	<b>2444571.646</b>
Kachin State	67636.023	90889.780	-	158525.803	67664.826	101345.288	-	169010.114
Kayah State	14743.353	37210.731	-	51954.084	14742.341	38006.046	-	52748.387
Kayin State	21440.481	53677.814	-	75118.295	28232.207	52346.339	-	80578.546
Chin State	29698.587	96304.706	2296.115	128299.408	29493.639	112770.180	-	142263.819
Sagaing Region	103913.832	92088.978	-	196002.810	107976.309	100077.557	-	208053.866
Taninthayi Region	85171.700	65386.467	-	150558.167	78820.120	72424.807	-	151244.927
Bago Region	67024.594	87732.493	63.365	154820.452	60716.111	86473.771	-	147189.882
Magway Region	61817.397	94900.091	-	156717.488	76882.807	80456.148	-	157338.955
Mandalay Region	125634.470	114142.496	200.000	239976.966	116519.683	104032.672	5095.050	225647.405
Mon State	48141.691	32982.071	629.479	81753.241	46560.167	35288.218	-	81848.385
Rakhine State	33218.074	111237.970	-	144456.044	37192.064	119195.225	-	156387.289
Yangon Region	114059.970	356256.218	892.665	471208.853	125615.025	208926.667	146293.533	480835.225
Shan State	75441.811	170129.514	-	245571.325	93053.523	159872.104	-	252925.627
Ayeyawady Region	49746.370	86197.227	-	135943.597	52316.095	86183.124	-	138499.219

**TABLE 16.08 EXPENDITURE OF THE STATES AND REGIONS (cont'd)**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

States/ Regions	2017-2018				2018 (Apr-Sep)			
	Current	Capital	Financial	Total	Current	Capital	Financial	Total
<b>Total</b>	<b>950940.887</b>	<b>1604775.112</b>	<b>7900.000</b>	<b>2563615.999</b>	<b>400111.641</b>	<b>717341.393</b>	<b>3000.000</b>	<b>1120453.034</b>
Kachin State	68605.584	117996.503	-	186602.087	12581.447	61969.624	-	74551.071
Kayah State	18103.198	45798.371	-	63901.569	8093.007	16355.663	-	24448.670
Kayin State	16221.886	74799.341	-	91021.227	6387.672	33367.615	-	39755.287
Chin State	30984.043	124731.785	-	155715.828	19419.161	47280.658	-	66699.819
Sagaing Region	104867.483	104840.027	-	209707.510	42613.613	57969.229	-	100582.842
Taninthayi Region	61864.362	103096.793	-	164961.155	16689.958	56624.416	-	73314.374
Bago Region	66765.069	95510.843	-	162275.912	24883.664	49710.547	-	74594.211
Magway Region	77448.778	106889.950	-	184338.728	37290.425	39555.654	-	76846.079
Mandalay Region	123694.851	95639.597	5000.000	224334.448	52712.745	65030.972	3000.000	120743.717
Mon State	31569.374	64303.521	-	95872.895	13271.463	29943.658	-	43215.121
Rakhine State	64442.965	126900.642	-	191343.607	25642.591	42620.574	-	68263.165
Yangon Region	137074.052	264217.923	2900.000	404191.975	70892.933	101842.563	-	172735.496
Shan State	92041.467	181563.970	-	273605.437	46261.206	70539.812	-	116801.018
Ayeyawady Region	57257.775	98485.486	-	155743.621	23371.756	44530.408	-	67902.164

**TABLE 16.08 EXPENDITURE OF THE STATES AND REGIONS (concl'd)**  
Years 2015/2016-2018/2019, absolute values in Million Kyats

States/ Regions	2018-2019			
	Current	Capital	Financial	Total
<b>Total</b>	<b>869342.158</b>	<b>2003698.097</b>	<b>3000.000</b>	<b>2876040.255</b>
Kachin State	40185.179	148088.679	-	188273.853
Kayah State	13320.831	49808.881	-	63129.712
Kayin State	16107.889	75660.777	-	91768.666
Chin State	33985.176	112700.525	-	146685.701
Sagaing Region	72303.488	147205.652	-	219509.140
Taninthayi Region	29345.546	132776.396	-	162121.942
Bago Region	68632.901	99514.443	-	168147.344
Magway Region	68720.400	108376.493	-	177096.893
Mandalay Region	127429.915	157821.120	3000.000	288251.035
Mon State	30263.079	79761.924	-	110025.003
Rakhine State	45780.547	131990.029	-	177770.576
Yangon Region	166510.533	471697.357	-	638207.890
Shan State	100269.864	174955.918	-	275225.782
Ayeyawady Region	56486.810	113339.903	-	169826.713

Source : Budget Department.



**TABLE 16.09 GOVERNMENT DEBT STOCK**  
Years 2015/2016-2018/2019, absolute values

Indicators	Unit	2015-2016	2016-2017
<b>GOVERNMENT DEBT STOCK</b>	Billion Kyats	<b>15724.5</b>	<b>18020.1</b>
	Billion USD	<b>9.5</b>	<b>9.1</b>
<b>DOMESTIC DEBT STOCK</b>	Billion Kyats	15724.5	18020.1
Short-term debt	Billion Kyats	13109.7	14634.0
Long-term debt	Billion Kyats	2614.8	3386.1
<b>EXTERNAL DEBT STOCK</b>	Billion USD	9.5	9.1
Short-term debt	Billion USD	-	-
Long-term debt	Billion USD	9.5	9.1
<b>FINANCING TO FISCAL DEFICIT</b>	Billion Kyats	3237.1	2295.6
CBM	Billion Kyats	2965.9	1213.3
Others	Billion Kyats	271.2	1082.3
<b>REPAYMENT PRINCIPAL</b>	Billion USD	0.3	0.4
<b>GROSS DOMESTIC PRODUCT (GDP)</b>	Billion Kyats	73314.0	81064.0
<b>DEBT TO GDP RATIO</b>	%	38.1	35.6

**TABLE 16.09 GOVERNMENT DEBT STOCK (concl'd)**  
Years 2015/2016-2018/2019, absolute values

Indicators	Unit	2017-2018 <sup>(1)</sup>	2018 (Apr-Sep)*	2018-2019*
<b>GOVERNMENT DEBT STOCK</b>	Billion Kyats	<b>20724.7</b>	<b>22287.9</b>	<b>25243.7</b>
	Billion USD	<b>10.2</b>	<b>9.8</b>	<b>10.0</b>
<b>DOMESTIC DEBT STOCK</b>	Billion Kyats	20724.7	22287.9	25243.7
Short-term debt	Billion Kyats	16672.6	16940.2	18151.7
Long-term debt	Billion Kyats	4052.1	5347.8	7092.0
<b>EXTERNAL DEBT STOCK</b>	Billion USD	10.2	9.8	10.0
Short-term debt	Billion USD	-	-	-
Long-term debt	Billion USD	10.2	9.8	10.0
<b>FINANCING TO FISCAL DEFICIT</b>	Billion Kyats	2704.6	1563.3	2955.8
CBM	Billion Kyats	663.1	-	809.7
Others	Billion Kyats	2041.5	1563.3	2146.1
<b>REPAYMENT PRINCIPAL</b>	Billion USD	0.5	0.2	0.4
<b>GROSS DOMESTIC PRODUCT (GDP)</b>	Billion Kyats	90451.0	-	105258.5
<b>DEBT TO GDP RATIO</b>	%	38.4	-	38.7

Notes : (1) Debt Stock at the end of Fiscal Year.

(2) Exchange Rate used as at 31<sup>st</sup> March of every Fiscal Year.

(3) \* Exchange Rate used as at 30<sup>th</sup> September.

Source: Treasury Department.

## METHODOLOGY SHEET | Grants and Technical Assistants

<b>Responsible Unit (Service or Structure)</b>	Foreign Economic Relations Department
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Union
<b>Classification Variables</b>	Negotiate Projects and Implementing Projects
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Yearly
<b>Units</b>	Development Projects
<b>Tables</b>	16.10, 16.11, 16.12, 16.13

**TABLE 16.10 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE NEGOTIATION IN MINISTRIES**

April, 2015 to End of December, 2019, absolute values

Ministries	Unit	Project	Amount (Million)
<b>Total</b>	<b>USD</b>	<b>81</b>	<b>423.326</b>
Ministry of Border Affairs	USD	2	33.987
Ministry of Planning, Finance and Industry	USD	2	2.223
Ministry of Religious Affairs and Culture	USD	2	25.690
Ministry of Agriculture, Livestock and Irrigation	USD	55	226.639
	EUR		4.000
	JPY		444.000
	AUD		4.255
	MMK		1016.894
Ministry of Transportation and Communication	USD	1	12.460
Ministry of Natural Resources and Environmental Conservation	USD	11	14.801
	JPY		1000.000
Ministry of Construction	USD	2	6.000
	JPY		1992.000
Ministry of Social Welfare, Relief and Resettlement	USD	3	14.386
Ministry of Hotels and Tourism	USD	2	9.100
YCDC	USD	1	38.680

Notes : These are compiling the reports from Ministries and Organizations that are submitted to MIFER.  
Resources of Exchange Rate from [www.xe.com/currencyconverter](http://www.xe.com/currencyconverter).  
Date: 06/08/2018

Source : Foreign Economic Relations Department.

**TABLE 16.11 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE IMPLEMENTING IN MINISTRIES**

April, 2015 to End of December, 2019, absolute values

Ministries	Unit	Completed			Implementing			Total		
		Project	Amount (Million)	Disbursement (Million)	Project	Amount (Million)	Disbursement (Million)	Project	Amount (Million)	Disbursement (Million)
<b>Total</b>	<b>USD</b>	<b>1119</b>	<b>1388.132</b>	<b>1296.458</b>	<b>492</b>	<b>2584.097</b>	<b>1281.921</b>	<b>1611</b>	<b>3972.229</b>	<b>2578.379</b>
Ministry of Home Affairs	USD	22	48.818	48.818	3	39.063	36.334	25	87.881	85.152
	MMK		2379.77	2379.77		413.561	413.561		2793.331	2793.331
Ministry of Border Affairs	USD	15	198.040	198.040	13	61.688	33.179	28	259.728	231.219
	MMK		-	-		25000.000	24185.361		25000.000	24185.361
Ministry of Planning, Finance and Industry	USD	13	4.5	4.469	31	44.860	24.642	44	49.360	29.111
	Euro		-	-		15.300	1.038		15.300	1.038
	Yen		2951.865	2951.865		-	-		2951.865	2951.865
	Kyat		122.37	122.37		-	-		122.370	122.370
	DKK		-	-		14.500	9.144		14.500	9.144
Ministry of Investment and Foreign Economic Relations	USD	2	-	-	7	0.510	0.333	9	0.510	0.333
Ministry of Information	USD	4	23.913	21.716	2	2.214	2.161	6	26.127	23.877
Ministry of Religious Affairs and Culture	USD	4	4.210	4.210	7	31.407	20.331	11	35.617	24.541
Ministry of Agriculture, Livestock and Irrigation	USD	97	198.642	193.002	128	374.741	273.924	225	573.383	466.926
	EUR		1.260	1.260		29.952	8.114		31.212	9.374
	JPY		1008.000	1008.000		2001.611	1003.163		3009.611	2011.163
	AUD		2.409	2.409		2.502	1.308		4.911	3.717
	MMK		1500.000	1500.000		1204.44	178.15		2704.440	1678.150
	GBP		-	-		0.372	0.258		0.372	0.258
	NZD		5.600	5.600		-	-		5.600	5.6
THB	-	-	34.022	0.000	34.022	0				
Ministry of Transportation and Communications	USD	4	28.570	25.876	6	105.260	33.224	10	133.830	59.1
Ministry of Natural Resources and Environmental Conservation	USD	55	62.282	55.805	58	46.180	26.646	113	108.462	82.451
Ministry of Electricity and Energy	USD	11	21.350	19.766	9	20.466	0.075	20	41.816	19.841
	EUR		-	6647.159		6.535	0.127		6.535	0.127
	NOK		-	-		96.810	109.895		96.810	109.895
	JPY		6669.000	-		2500.000	1633.445		9169.000	8280.604
Ministry of Labour, Immigration and Population	USD	34	73.945	73.682	17	18.802	9.128	51	92.747	82.81
	MMK		138.488	123.773		-	-		138.488	123.773
Ministry of Commerce	USD	6	18.405	14.048	4	20.862	1.643	10	39.267	15.691
Ministry of Education	USD	11	49.899	49.725	64	143.503	57.073	75	193.402	106.798
	EUR		-	-		10.191	0.012		10.191	0.012
	JPY		-	-		165.000	-		165.000	0
Ministry of Health and Sports	USD	779	233.508	233.508	39	45.493	15.425	818	279.001	248.933

**TABLE 16.11 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE IMPLEMENTING IN MINISTRIES (concl'd)**

April, 2015 to End of December, 2019, absolute values

Ministries	Unit	Completed			Implementing			Total		
		Project	Amount (Million)	Disbursement (Million)	Project	Amount (Million)	Disbursement (Million)	Project	Amount (Million)	Disbursement (Million)
Ministry of Construction	USD		128.582	85.320		573.385	23.246		701.967	108.566
	EUR		-	-		-	-		0.000	0
	JPY		-	-		-	-		0.000	0.000
	GBP	17	-	-	19	-	-	36	0.000	0
	THB		-	-		-	-		0.000	0
	CNY		-	-		-	-		0.000	0.000
	INR		-	-		11770.000	1300.000		11770.000	1300
Ministry of Social Welfare, Relief and Resettlement	USD	23	90.334	78.165	57	620.380	603.237	80	710.714	681.402
	MMK		3874.130	3874.130		-	-		3874.130	3874.13
Ministry of Hotels and Tourism	USD	6	4.912	3.710	5	12.904	7.868	11	17.816	11.578
Union Attorney General Office	TA	-	-	-	5	-	-	5	-	-
Union Auditor General Office	TA	3	-	-	3	-	-	6	-	-
Central Bank of Myanmar	JPY	1	5100.000	4625.873	1	5549.000	341.039	2	10649.000	4966.912
Mandalay City Development Committee	JPY		2555.000	2028.775		13.200	1.714		2555.000	2028.775
	EUR	1	-	-	4	4.000	0.743	5	13.200	1.714
	USD		-	-		-	-		4.000	0.743
Yangon City Development Committee	JPY		1900.000	1851.965		-	-		1900.000	1851.965
	EUR	11	0.751	0.751	10	-	-	21	0.751	0.751
	USD		3.310	1.310		32.160	20.741		35.470	22.051

Notes : These are compiling the reports from Ministries and Organizations that are submitted to MIFER.  
Resources of Exchange Rate from [www.xe.com/currencyconverter](http://www.xe.com/currencyconverter).  
Date: 06/08/2018

Source : Foreign Economic Relations Department.

**TABLE 16.12 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE NEGOTIATION IN COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS**

April, 2015 to End of December, 2019, absolute values

Country/ Organization	Unit	Project	Amount (Million)
<b>Total</b>	<b>USD</b>	<b>81</b>	<b>423.326</b>
Australia	AUD	2	4.255
China	USD	6	123.800
Finland	TA	1	-
France	TA	2	-
Germany	TA	1	-
India	USD	17	38.272
Italy	TA	1	-
Japan	USD	12	82.140
	JPY		3436.000
Korea	USD	9	49.773
Macao	TA	1	-
Norway	USD	1	6.000
Switzerland	USD	1	5.100
Thailand	TA	2	-
ADB	USD	1	1.195
World Bank	USD	1	3.450
UN Organizations	USD		14.284
	Euro	7	4.000
	MMK		1016.894
INGO	USD	15	56.952
Other	USD	1	3.000

Notes : These are compiling the reports from Ministries and Organizations that are submitted to MIFER.  
Resources of Exchange Rate from [www.xe.com/currencyconverter](http://www.xe.com/currencyconverter).  
Date: 06/08/2018

Source : Foreign Economic Relations Department.

**TABLE 16.13 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE IMPLEMENTING IN COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS**

April, 2015 to End of December, 2019, absolute values

Country/ Organization	Unit	Completed			Implementing			Total		
		Project	Amount (Million)	Disbursement (Million)	Project	Amount (Million)	Disbursement (Million)	Project	Amount (Million)	Disbursement (Million)
<b>Total</b>	<b>USD</b>	<b>1119</b>	<b>1388.132</b>	<b>1296.458</b>	<b>492</b>	<b>2584.097</b>	<b>1281.921</b>	<b>1611</b>	<b>3972.229</b>	<b>2578.379</b>
Australia	USD } AUD }	10	4.967	4.435	12	5.692	4.306	22	10.659	8.741
			2.409	2.409			2.502		1.308	4.911
Belgium	USD	1	0.300	0.300	-	-	-	1	3.000	2.178
Canada	TA } USD }	1	-	-	1	-	-	2	-	-
			-	-			3		2.178	3.000
China	USD } MMK }	12	33.329	32.270	28	56.216	23.618	40	89.545	55.888
			665.984	665.984			413.561		413.561	1079.545
Denmark	USD } DKK }	2	0.780	0.780	9	20.38	4.085	11	21.160	4.865
			-	-			14.5		9.144	14.500
EU	USD } EUR }	4	15.817	11.460	8	66.377	39.880	12	82.194	51.340
			-	-			8		0.255	8.000
Finland	TA	1	-	-	1	-	-	2	-	-
France	EUR } USD }	1	0.663	0.663	5	2.5	0.797	6	3.163	1.460
			-	-			6.873		5.483	6.873
Germany	USD } EUR }	8	18.522	15.733	27	73.297	24.895	35	91.818	40.628
			-	-			45.705		5.434	45.705
India	USD } INR }	2	4.771	4.771	15	587.16	22.387	17	591.931	27.158
			-	-			11770		1300.000	11770.000
Italy	USD } EUR }	6	2.672	1.892	5	1.66	1.138	11	4.332	3.030
			0.588	0.588			-		-	0.588
Japan	USD } JPY }	53	211.205	201.607	62	234.7	114.100	115	445.905	315.707
			20183.865	19113.637			10215.611		2977.647	30399.476
Korea	USD	25	31.235	30.874	30	84.228	44.980	55	115.463	75.854
Luxembourg	USD } EUR }	1	0.005	0.005	2	9.476	6.388	3	9.481	6.393
			-	-			10		2.183	10.000
Macao	TA	-	-	-	1	-	-	1	-	-
Netherland	USD } EUR }	2	1.901	1.901	5	2.489	1.980	7	4.390	3.881
			-	-			4.827		1.901	4.827
Newzeland	USD } NZD }	1	-	-	1	4.041	3.164	2	4.041	3.164
			5.600	5.600			-		-	5.600
Norway	USD } NOK }	6	23.745	20.212	9	30.125	2.129	15	53.870	22.341
			-	-			96.810		109.895	96.810
Singapore	TA	4	-	-	2	-	-	6	-	-
Sweden	USD	1	0.003	0.003	2	-	-	3	0.003	0.003
Switzerland	USD	9	17.719	17.719	5	21.312	12.973	14	39.031	30.692
Thailand	USD } THB }	5	54.809	22.129	3	-	-	8	54.809	22.129
			-	-			34.022		-	34.022
UK	USD } GBP }	4	3.625	1.185	4	6.883	0.903	8	10.508	2.088
			-	-			-		-	-
USA	USD	6	5.606	5.606	11	3.729	1.409	17	9.335	7.015
Vietnam	GBP	-	-	-	1	0.372	0.258	1	0.372	0.258

**TABLE 16.13 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE IMPLEMENTING IN COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS (concl'd)**

April, 2015 to End of December, 2019, absolute values

Country/ Organization	Unit	Completed			Implementing			Total		
		Project	Amount (Million)	Disbursement (Million)	Project	Amount (Million)	Disbursement (Million)	Project	Amount (Million)	Disbursement (Million)
ADB	USD	17	22.484	15.563	11	61.853	29.469	28	84.337	45.032
IMF	TA	-	-	-	4	-	-	4	-	-
IFC	TA	-	-	-	2	-	-	2	-	-
IFAD	USD	2	0.798	0.798	-	-	-	2	0.798	0.798
World Bank	USD	10	17.292	17.261	9	106.139	90.980	19	123.431	108.240
UN Organizations	USD		286.543	284.211		101.946	48.169		388.489	332.380
	EUR	773	0.080	0.080	72	0.246	0.067	845	0.326	0.147
	MMK		319.823	305.108		-	-		319.823	305.108
INGOs	USD		433.067	418.429		706.627	703.813		1139.694	1122.242
	EUR	144	0.680	0.680	130	-	-	274	0.680	0.680
	MMK		5528.951	5528.951		25000.000	24363.511		30528.951	29892.462
Other	USD		2.027	2.027		3.674	1.527		5.701	3.554
	MMK	8	1500	1500	15	1204.440	-	23	2704.440	1500.000
	EUR		-	-		3.9	0.368		3.900	0.368

Notes : These are compiling the reports from Ministries and Organizations that are submitted to MIFER.  
Resources of Exchange Rate from [www.xe.com/currencyconverter](http://www.xe.com/currencyconverter).  
Date: 06/08/2018

Source : Foreign Economic Relations Department.

METHODOLOGY SHEET | **Banking and Financial Markets**

<b>Responsible Unit (Service or Structure)</b>	Central Bank of Myanmar, Treasury Department, Financial Regulatory Department
<b>Level of Disaggregation</b>	Union
<b>Study Variables</b>	Banking, Bond Markets, Foreign Exchange Markets and Survey
<b>Classification Variables</b>	Money Supply, People's Savings, Government Treasury Bonds, Interest rates, Central Bank Survey, Other Depository Corporations Survey, Reference Exchange Rate, Foreign Exchange Reserve and Depository Corporation Survey, Financial and Microfinance Institutions, Insurance Companies.
<b>Type of Dissemination</b>	Publication (Book and CD Rom), online database
<b>Frequency of Dissemination</b>	Yearly
<b>Frequency of Data Collection</b>	Monthly, Yearly
<b>Units</b>	Currency Holdings, Exchange Rates, Bonds, Interest Rates, Assets and Liabilities, Reserves, Institutions
<b>Tables</b>	16.14, 16.15, 16.16, 16.17, 16.18, 16.19, 16.20, 16.21, 16.22, 16.23, 16.24, 16.25, 16.26



**TABLE 16.14 MONEY SUPPLY**

Years 2015-2019, absolute values in Million Kyats

End of Year	Total	Currency Outside Depository Corporations	Transferable Deposits		
			State Owned Banks	Private Banks	Foreign Banks
2015	14395987	9392454	2503381	2404212	95940
2016	14496433	9601778	1641280	2595367	658008
2017	15807264	10390906	1591582	2815989	1008787
2018	17178695	11786609	1405944	3017413	968729
2019	19108381	12810449	1898970	3261314	1137648

Notes : 1. Money supply consists of currency outside depository corporations and transferable deposits.  
2. Transferable deposits exclude government deposits.

Source : Central Bank of Myanmar.

**TABLE 16.15 PEOPLE'S SAVINGS**

Years 2015-2019, absolute values in Million Kyats

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
2015	19323330	3320417	9572674	161489	47465	-	74078	4379018	23591	1351225	393373
2016	25106524	3622942	12344702	249052	55103	-	151296	7249872	425297	648634	359626
2017	31931100	3975126	14983135	503945	53644	-	394794	9328429	935001	1184158	572868
2018	37515300	4902048	17335125	639951	51673	-	536170	8394951	1375991	751987	3527404
2019	44087481	5813212	20017229	919679	51065	-	720705	10110278	1262232	913129	4279952

Source : Central Bank of Myanmar.

**TABLE 16.16 REFERENCE FOREIGN EXCHANGE RATES**

As of December 31, Years 2015-2019, absolute values in kyat per unit

Countries	Currency	Dec-2015	Dec-2016	Dec-2017	Dec-2018	Dec-2019
Australian Dollar	AUD	953.60	988.56	1061.90	1091.00	1033.80
Canadian Dollar	CAD	943.56	1012.80	1084.20	1138.20	1132.00
Chinese Yuan	CNY	201.66	196.25	208.47	225.74	211.76
Euro	EUR	1431.70	1440.80	1626.80	1773.30	1656.90
Pound Sterling	GBP	1940.40	1678.70	1831.90	1960.50	1937.30
Hong Kong Dollar	HKD	168.88	176.01	174.24	197.89	190.03
Indian Rupee	INR	19.70	20.09	21.26	22.03	20.74
Japanese Yen (100)	JPY	1086.70	1173.60	1206.40	1397.70	1355.50
Malaysian Ringgit	MYR	304.88	304.42	335.39	372.33	360.05
Pakistan Rupee	PKR	12.48	13.03	12.30	11.08	9.55
Singapore Dollar	SGD	925.42	943.95	1018.20	1130.70	1096.60
Thai Baht	THB	36.32	38.04	41.69	47.66	49.24
United States Dollar	USD	1309.00	1365.00	1362.00	1550.00	1479.80
Russian Rouble	RUB	17.89	22.56	23.65	22.38	23.95

Source : Central Bank of Myanmar.

**TABLE 16.17 GOVERNMENT TREASURY BONDS (Non-Auction)**

Years 2015/2016-2018/2019, absolute values in Million Kyats

Particulars	Year	Total Sales	Discharged	Outstanding	Amount held by	
					Public	Private Enterprises
Two-year Bonds	2015-2016	285814.69	436487.60	365590.19	38940.19	326650.00
	2016-2017	-	24775.50	340814.69	14814.69	326000.00
	2017-2018	-	340814.69	-	-	-
	2018 (Apr-Sep)	-	-	-	-	-
	2018-2019	-	-	-	-	-
Three-year Bonds	2015-2016	310912.8	347138.51	533299.36	111649.36	421650.00
	2016-2017	-	143274.92	390024.44	12374.44	377650.00
	2017-2018	-	64611.64	325412.8	5112.8	320300.00
	2018 (Apr-Sep)	-	18987.50	306425.30	1125.30	305300.00
	2018-2019	-	306425.00	-	-	-
Five-year Bonds	2015-2016	212489.55	311335.66	1715838.64	30488.64	1685350.00
	2016-2017	-	262356.93	1453481.71	25131.71	1428350.00
	2017-2018	-	253928.7	1199553.01	17323.01	1182230.00
	2018 (Apr-Sep)	-	182563.12	1016989.89	13219.89	1003770.00
	2018-2019	-	570922.44	446067.45	8517.45	437550.00

Source : Central Bank of Myanmar.

**TABLE 16.18 GOVERNMENT TREASURY BONDS (Auction)**  
Years 2018/2019, absolute values in Million Kyats

Sr. No	Auction Date	Auction No.	Term 1 (Years)	Term 2 (Years)	Term 3 (Years)	Successful Value		Total (Million Kyats)
						Competitive (Million Kyats)	Non-Competitive (Million Kyats)	
1	16-Oct-18	GB0026	3.08			10000		10000
				5.08		193500		193500
2	13-Nov-18	GB0027	3.50			18000	488300	506300
				4.50		103500	201820	305320
3	18-Dec-18	GB0028	3.42			21000	75620	96620
				4.42		94700		94700
4	15-Jan-19	GB0029	1.83			38500		38500
				2.83		33600		33600
5	19-Feb-19	GB0030	1.75			13000		13000
				2.75		66500		66500
6	12-Mar-19	GB0031	1.67			500		500
				2.67		24500		24500
7	23-Apr-19	GB0032	1.58			1000	50000	51000
				2.58		34500		34500
8	14-May-19	GB0033	5.00			150000	535100	685100
9	18-Jun-19	GB0034	2.42			106500	130000	236500
				3.92		80500		80500
					4.92	100000		100000
10	23-Jul-19	GB0035	2.33			68500		68500
				2.83		108030	100000	208030
					3.83	81000		81000
11	20-Aug-19	GB0036	2.25			87000		87000
				3.75		225710	1500	227210
12	17-Sep-19	GB0037	5.17			101450		101450

Source : Treasury Department.

**TABLE 16.19 INTEREST RATES**

Years 2015-2019, percent per annum

Particulars	2015	2016	2017	2018	2019
Central bank rate	10.00 <sup>1/</sup>	10.00	10.00	10.00	10.00
Treasury bills and bonds					
1. Three month treasury bills	4.00 <sup>1/</sup>	4.00	4.00	4.00	4.00
2. Two year treasury bonds	8.75 <sup>1/</sup>	8.75	8.75	8.75	8.75
3. Three year treasury bonds	9.00 <sup>1/</sup>	9.00	9.00	9.00	9.00
4. Five year treasury bonds	9.50 <sup>1/</sup>	9.50	9.50	9.50	9.50
Deposit rates					
1. Call deposits	*	*	*	*	*
2. Fixed deposits					
a. Three months	8.00-10.00 <sup>1/</sup>	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00
b. Six months	8.00-10.00 <sup>1/</sup>	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00
c. Nine months	8.00-10.00 <sup>1/</sup>	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00
3. Savings Deposits	8.00-10.00 <sup>1/</sup>	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00
4. Savings certificates (Twelve-year maturity)	9.00 <sup>1/</sup>	9.00	9.00	9.00	9.00
Lending rates (Secured Loans)	13.00 <sup>1/</sup>	13.00	13.00	13.00	13.00
Lending rates (Unsecured Loans)					16.00 <sup>5/</sup>
Agriculture Loans (To farmers)	5.00 <sup>2/</sup>	8.00 <sup>4/</sup>	8.00	8.00	8.00
Small personal loans	30.00 <sup>3/</sup>	30.00	30.00	30.00	28.00 <sup>6/</sup>

Notes : \*Effective from October 3, 2014, Interest rate for call deposits is based on the respective banks.

Source : Central Bank of Myanmar.

1/. Effective from 1<sup>st</sup> January, 2012.

2/. Effective from 1<sup>st</sup> June, 2014.

3/. Effective from 1<sup>st</sup> September, 2014.

4/. Effective from 1<sup>st</sup> April, 2016.

5/. Effective from 1<sup>st</sup> February, 2019.

6/. Effective from 1<sup>st</sup> June, 2019.

**TABLE 16.20 CENTRAL BANK SURVEY**  
December 2015-December 2019, absolute values in Million Kyats

Particulars	Dec-2015	Dec-2016	Dec-2017	Dec-2018	Dec-2019
<b>ASSETS</b>					
Net Foreign Assets	5778493	6481070	6615720	8100010	8017403
1. Claims on Nonresidents	6270743	6945333	7100529	8634293	8544547
2. Liabilities to Nonresidents	492250	464263	484809	534283	527144
Claims on Other Depository Corporations	673136	701688	776910	845933	755187
Net Claims on Central Government	10064927	11342357	13176947	13848077	14718787
1. Claims on Central Government	10325221	11774965	13674713	14349581	15134002
2. Liabilities to Central Government	260294	432608	497766	501504	415215
Claims on Other Sectors	0	0	0	0	0
1. Claims on Other Financial Corporations	0	0	0	0	0
2. Claims on State and Local Government	0	0	0	0	0
3. Claims on Public Nonfinancial Corporations	0	0	0	0	0
4. Claims on Private Sector	0	0	0	0	0
<b>LIABILITIES</b>					
Monetary base	13648485	15230204	16882554	18074202	18618268
1. Currency in Circulation	11173812	11686707	12669135	13884003	15100887
2. Liabilities to Other Depository Corporations	2474628	3543417	4213295	4190019	3517236
3. Liabilities to Other Sectors	45	80	124	180	145
Other Liabilities to Other Depository Corporations	280000	193300	205000	232500	232256
Deposits and Securities Other Than Shares	0	0	0	0	0
Excluded From Monetary Base					
1. Deposits Included in Broad Money	0	0	0	0	0
2. Securities Other Than Shares Included in Broad Money	0	0	0	0	0
3. Deposits Excluded from Broad Money	0	0	0	0	0
4. Securities Other Than Shares Excluded From Broad Money	0	0	0	0	0
Loans	0	0	0	0	0
Financial Derivatives	0	0	0	0	0
Shares and Other Equity	2682607	3193169	3506762	4484186	4553668
Other Items(Net)	- 94536	-91558	-24739	3132	87185

Source : Central Bank of Myanmar.

**TABLE 16.21 OTHER DEPOSITORY CORPORATIONS SURVEY**

December 2015-December 2019, absolute values in Million Kyats

Particulars	Dec-2015	Dec-2016	Dec-2017	Dec-2018	Dec-2019
<b>ASSETS</b>					
Net Foreign Assets	4614449	2982939	2760916	2870556	2764967
1. Claims on Nonresidents	8222216	6226775	5920994	6070075	6520602
2. Liabilities to Nonresidents	3607767	3243836	3160078	3199519	3755635
<b>Claims on Central Bank</b>	4967456	5556798	6853316	7212188	6335096
1. Currency	1781358	2084928	2278229	2097394	2290437
2. Reserve Deposits and Securities Other Than Shares	3026888	3395667	4540083	5074563	4017581
3. Other Claims on Central Bank	159210	76203	35004	40231	27078
<b>Net Claims on Central Government</b>	-1115029	706046	1292373	4308813	7452605
1. Claims on Central Government	13587297	15772714	17678258	21721523	26121643
2. Liabilities to Central Government	14702326	15066668	16385885	17412710	18669038
<b>Claims on Other Sectors</b>	15258388	19294085	24004596	27101994	30770861
1. Claims on Other Financial Corporations	21292	70474	26845	43297	128872
2. Claims on State and Local Government	1178432	937542	925810	318338	321633
3. Claims on Public Nonfinancial Corporations	886737	749115	1112193	467019	317202
4. Claims on Private Sector	13171927	17536954	21939748	26273340	30003154
<b>LIABILITIES</b>					
Liabilities to Central Bank	0	0	77000	57919	0
Transferable Deposits Included in Broad Money	5003488	4894575	5416234	5391905	6297787
Other Deposits Included in Broad Money	19323330	25106524	31931100	37515300	44087481
Securities Other Than Shares Excluded From Broad Money	0	0	0	0	0
Included in Broad money					
Deposits Excluded From Broad Money	10	464	11	78631	81905
Securities Other Than Shares Excluded From Broad Money	0	0	0	0	0
Loans	0	0	0	0	0
Financial Derivatives	0	0	0	0	0
Insurance Technical Reserves	0	0	0	0	0
Shares and Other Equity	2801074	3820434	4321760	5371791	5772296
Other Items(Net)	-3402639	-5282129	-6834904	-6921995	-8915940

Source : Central Bank of Myanmar.

**TABLE 16.22 FOREIGN EXCHANGE RESERVES**

As of December 31, Years 2005, 2010, 2015-2019, absolute values in Million Kyats

Year	Total	Foreign Exchange Reserve	
		Gold	Foreign Currency
2005	5302.33	708.36	4593.97
2010	32953.33	1799.94	31153.39
2015	6020204.16	324943.98	5695260.18
2016	6674281.68	370013.96	6304267.72
2017	7101142.35	412405.46	6688736.89
2018	8736246.52	463176.54	8273069.98
2019	8662401.42	526609.51	8135791.91

Note : Since 2014 International reserves include only CBM's Foreign Asset.

Source : Central Bank of Myanmar.

**TABLE 16.23 DEPOSITORY CORPORATIONS SURVEY**

December 2015-December 2019, absolute values in Million Kyats

Particulars	Dec-2015	Dec-2016	Dec-2017	Dec-2018	Dec-2019
<b>ASSETS</b>					
Net Foreign Assets	10392942	9464010	9376636	10970566	10782370
Domestic Claims	24208286	31342489	38473916	45258884	52942253
1.Net Claims on Central Government	8949898	12048403	14469320 (r)	18156890	22171392
2.Claims on Other Sectors	15258388	19294086 (r)	24004596	27101994	30770861
2.1. Claims on Other Financial Corporations	21292	70475 (r)	26845	43297	128872
2.2. Claims on State and Local Government	1178432	937542	925810	318338	321633
2.3. Claims on Public Nonfinancial Corporations	886737	749115	1112193	467019	317202
2.4. Claims on Private Sector	13171927	17536954	21939748	26273340	30003154
<b>LIABILITIES</b>					
Broad Money Liabilities	33719317	39602958	47738365	54693995	63195862
1.1.Currency Outside Depository Corporations	9392454	9601778	10390906	11786609	12810449
1.2. Transferable Deposits	5003533	4894655	5416358	5392086	6297932
1.3 Other Deposits	19323330	25106525	31931101	37515300	44087481
1.4.Securities Other Than Shares	0	0	0	0	0
Deposits Excluded from Broad Money	10	464	11	78631	81905
Loans	0	0	0	0	0
Financial derivatives	0	0	0	0	0
Insurance technical reserves	0	0	0	0	0
Shares and Other Equity	5483681	7013604	7828522	9855977	10325964
Other Items (Net)	-4601780	-5810527	-7716346	-8399153	-9879108

Source : Central Bank of Myanmar.



**TABLE 16.24 NUMBER OF FINANCIAL INSTITUTIONS**  
As end of December 2019, absolute values

Particular	Headquarter	Branches
<b>Total</b>	<b>123</b>	<b>2429</b>
State-owned Banks	4	518
Domestic Private Banks	27	1911
Foreign Bank Branches	13	-
Finance Companies	29	-
Mobile Financial Service Providers	5	-
Foreign Bank Representative Offices	45	-

Source : Central Bank of Myanmar.

**TABLE 16.25 NUMBER OF MICROFINANCE INSTITUTIONS**  
As end of December 2019, absolute values

Particular	Head Offices	Branches
<b>Total</b>	<b>193</b>	<b>461</b>
INGO	3	9
NGO	12	27
Local Company	116	193
Foreign Company	54	211
Joint Venture	8	21

Source : Financial Regulatory Department.

**TABLE 16.26 NUMBER OF INSURANCE COMPANIES**  
As end of December 2019, absolute values

Particular	Head Offices	Branches	Representative Offices
State Owned	1	39	-
Local Private Company (Life)	8	5	-
Local Private Company (General)	5	19	-
Foreign Representative Office	37	-	37
JV Life Insurance Company	3	11	-
JV General Insurance Company	3	57	-
100% Foreign Life Company	5	-	-

Source : Financial Regulatory Department.



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# Glossary



# Glossary

## CHAPTER 1. CLIMATE, TERRITORY AND POPULATION

### **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.

### **Rainfall**

The amount of water falling in rain, snow, etc., within a given time and area, usually expressed as a hypothetical depth of coverage.

### **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.

### **Date & Time**

Date is the year-month-day and time is the hour-minutes-seconds which is an earthquake occurred time in UTC (Coordinated Universal Time).

### **Latitude & Longitude**

Latitude is the location of a point north or south of the equator, expressed in degrees with decimal.

Longitude is the location of a point east or west of prime meridian, expressed in degrees with decimal.

**Magnitude**

Magnitude is the size of an earthquake by recording ground shaking on a seismograph.

**State & Region**

State and region are the specific name in Myanmar.

**Depth**

Depth refers to the how much deep (kilometer) an earthquake occurred.

**Location**

Location is a point on the earth's surface that is epicenter of an earthquake, usually near the center of the rupture area.

**Catastrophic Occurrences, Losses and Relief**

Department of Disaster Management provides relief assistance in cash or/and in kind to those who suffered from natural and manmade disasters such as fire, floods, cyclone, earthquake, thunder lighting stroke, landslide, conflict and others. The provision of assistance is based on the data confirmed by the local administrative authorities or/and regional Department of Disaster Management.

**Causes of Fire and Losses**

Fire Services Department is responsible for fire safety activities like fire precaution, fire prevention and firefighting as well as for search and rescue activities in case of natural disasters and other emergencies. The information related to the response of the operation and losses of damages are recorded by Fire Services Department.

**State**

The territory occupied by one of the constituent administrative districts of nation.

**Region**

It is a specific area defined by having its own characteristics.

**District**

States and Regions are divided into districts, which in turn are subdivided into townships then towns, wards and villages.

**Township**

An administrative division of a country.

**Town**

An urban area with a fixed boundary that is smaller than a city or any more urbanized center than the place of reference.

**Ward**

A division or district of a city or town, as for administrative or political purposes.

**Village Tract**

A group of adjacent villages.

**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.

**Urban Area**

Areas classified by the General Administrative Department as wards. Generally, these areas have an increased density of building structures, population and better infrastructural development.

**Rural Area**

Areas classified by the General Administrative Department as village tracts. Generally, they are areas with low population density and a land use which is predominantly agricultural.

**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 29<sup>th</sup> 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.

**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 (km<sup>2</sup>).

**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 is 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.

**Dependency Ratio**

The number of dependent population per 100 working-age population.

**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.

**Child Dependency Ratio**

The ratio of child population (people younger than 15 years) to the productive-age population (aged 15-64).

**Aging Index**

The number of persons 60 years old or over per hundred persons under age 15.

**Foreigners Residing**

A person who is not a citizen of Myanmar in which he or she is residing or temporarily staying.

**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. 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 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) Kokangself Administered Zone (12) Waself Administered Zone (13) Sagaing Region (14) Naga self Administered Zone (15) Taninthayi Region (16) Bago Region (17) Yangon Region (18) Ayeyawady Region (19) Mandalay Region (20) Magway Region and (21) Nay Pyi Taw.

**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 State, Region 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 foundation for the identification of health trends and statistics globally, and the international standard for reporting diseases and health conditions. It is the diagnostic classification standard for all clinical and research purposes. Uses include monitoring of the incidence and prevalence of diseases, observing reimbursements and resource allocation trends, and keeping track of safety and quality guidelines. They also include the counting of deaths as well as diseases, injuries, symptoms, reasons for encounter, factors that influence health status, and external causes of disease. The first international classification edition, known as the International List of Causes of Death, was adopted by the International Statistical Institute in 1893. WHO was entrusted with the ICD at its creation in 1948 and published the 6<sup>th</sup> version, ICD-6, that incorporated morbidity for the first time. The WHO Nomenclature Regulations, adopted in 1967, stipulated that Member States use the most current ICD revision for mortality and morbidity statistics. The ICD has been revised and published in a series of editions to reflect advances in health and medical science over time. ICD-10 was endorsed in May 1990 by the Forty-third World Health Assembly. It is cited in more than 20,000 scientific articles and used by more than 100 countries around the world. (<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/](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. Department of Social Welfare is implementing Mother Circles in States and Regions, especially wards, village tracks and villages. Department of Social Welfare financial and material support for the Mother Circles including nutrition, personal hygiene and stimulating places for children under 5 years whose mothers must work outside of the home. 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. Day Care Center for the Aged run by the Department of Social Welfare is located in Yangon and is carrying out the task for dignified, active and healthy life of older people as an important task. Social Pension Program is being implementing to promote older person's dignity. Maternal and Child Cash Transfer Program (MCCT) is now being implemented in Chin

State, Rakhine State, Naga Self-administered Region. MCCT is carried out in these areas according to high stunting rates and it is planning to extend step by step. Its aim is to improve dietary intake, dietary diversity, afford basic health care essential during pregnancy and birth, improve feeding of young children and afford basic health care essential during early childhood. 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 their well-being.

The government establishes eleven Schools for Home Science to provide livelihood skills for women. Moreover, two Centres for Women Care are established to take care of HIV positive women prisoners.

“One Stop Women Support Centre- OSWSC” has been opened in Yangon, Mandalay, Lashio, Mawlamyaing and Loikaw to provide safe spaces and necessary services for victims of sexual and domestic violence from all over the country. The centres offer medical check-ups, shelter for mothers and children, legal advice on their rights and support in the event of a prosecution. In terms of support programme, the Ministry of Social Welfare, Relief and Resettlement provided cash assistance for attending legal and court hearing as well as for rehabilitation and livelihood support to women/ girls.

### **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 1<sup>st</sup> January 1957, and all other insurances business, such as fire, marine, accidents, etc., on 1<sup>st</sup> October 1961. With a view to safe guarding the interest of general public, the Government introduced third party insurance scheme on 6<sup>th</sup> 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.

## **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.

**Verbal Autopsy**

Verbal autopsy (VA) is a method of determining individuals' causes of death and cause-specific mortality fractions in populations without a complete vital registration system. Verbal autopsies consist of a trained interviewer using a questionnaire to collect information about the signs, symptoms, and demographic characteristics of a recently deceased person from an individual familiar with the deceased.

The IHME PHMRC shortened questionnaire and diagnostic algorithm called SmartVA analyze (Tariff2) are used to explore the community causes of death. The VA is collected on all community deaths in 42 townships across all states and regions of Myanmar to obtain information that is broadly nationally representative of the causes of death in the community in Myanmar.

**Medical Certification of Causes of Death**

In principle, hospitals with physicians should routinely record deaths by date and place of occurrence, age and sex of the decedent, and cause of death (COD). COD should be certified by a physician using the World Health Organization International Form of Medical Certificate of Cause of Death. The COD should be coded according to International Classification of Diseases (ICD) standards.

**Integration of Community and Hospital Causes of Death**

The causes of community death are ascertained using the Verbal Autopsy method. For the hospital deaths, the causes of death are medically certified by doctors and coded using International Classification of Diseases (ICD-10). The causes of death of community and hospital deaths are combined to show the

complete mortality pattern for 42 townships across 15 states and regions in Myanmar, which is broadly representative of the national mortality pattern. Firstly, the total number of community deaths for 42 townships by cause is estimated using the cause specific mortality fractions of the verbal autopsy data and the estimated number of community deaths by age and sex in the 42 townships (estimated by calculating the completeness of VA reporting). The individual causes of death of hospital deaths are categorized and mapped to the VA cause list by age-group. Finally, the causes of death of the community and hospital deaths are integrated for each age group (0 to 28 days, 29 days to 11 years and above 12 years), weighted by the number of hospital and community deaths.

## **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. They are accepted in the Yangon University of Education (which was established on 1967-1968 academic year) and Sagaing University of Education (which was opened in 2000-2001 academic year).

### **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, 1,527 Monastic Education Schools have been opened in 248 townships, attended by a total of 25,716 novices, 17,287 nuns, 137,588 boy-students and 129,347 girl-

students in the 2018-2019 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 disaggregated by Level, States and Regions.

The new system of Matriculation Examination was introduced in 2001-2002 academic 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 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 20<sup>th</sup> 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 1<sup>st</sup> 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. Mingyun, Moehnyin Degree Colleges were opened in 2003. West Yangon Technological University (WYTU) was opened in 2005. University of Public Health, Yangon was opened in 2007. Sagaing University, Taung Goke and Mandalay Colleges were opened in 2012. Harkha Degree College was opened in 2016-2017.

#### **Vocational Trainees**

Associate of Government Technology Institute (A.G.T.I) three years 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 (DTVET). 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**

Myanmar Living Conditions Survey (2017) contains information on poverty measures, per adult equivalent daily consumption, and education attainment among adults over 15 years of age. The Percentage of ill or injured individuals seeking different types of treatment by States and Regions.

#### **National Library Statistics**

The functions of the National Library are acquisition, data processing, circulation and library development along with the timeline and advanced information and communication technology. Library provide the documents and papers required by Government Agencies and to provide services to the students, researchers and public for their easy use of library materials for references from 1984 onward, the library is opening to the public.



**Published books**

According to the Printing and Publishing Law 2014, Ministry of Information give the notification certificates to all printers and publishers. All the printers and publishers shall be send what they publish (Books, Magazines, Journals, Newspaper and etc.) to Information and Public Relation Department under the Ministry of Information, according to this law.

**Seizure of Narcotic Drugs**

Currently, all the drug seizure cases are being prosecuted under the law of 1993 Narcotic Drugs and Psychotropic Substances Law which was amended on 14<sup>th</sup> February 2018. 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 Services**

All Videos produced, editing, filming, production, duplicated, distributed, exhibited and rented and karaoke according the Myanma 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 through Labour Exchange Offices**

Job-seekers who are registered at Township Labour Exchange Offices (18 Labour Exchange Offices in Yangon and 71 Labour Exchange Offices in other States and Regions).

**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.

**Labour Force Participation Rate**

The Labour Force Participation Rate is a measure of the proportion of a country's working-age population that engages actively in the labour market, either by working or looking for work; It provides an indication of the size of the supply of labour available to engage in the production of goods and services, relative to the population at working age.

### Overseas Employment

Department of Labour is providing services (through overseas employment licensed agencies) for overseas employment in fast and easy way and signing Memorandum of Understanding (MoUs) and Bi-lateral agreements with labour receiving countries.

### Labour Force

Persons who are either in employment or in unemployment constitute the labour force. The sum of persons in employment and in unemployment equals to the labour force.

### Outside labour force

Persons outside the labour force are those of working age that neither in employment nor in unemployment in a short reference period.

### Employment

Persons in employment are defined as all those of working age, who during a reference period of seven days, engage in any activity to produce goods or provide services for pay or a kind of profit. They comprise:

- (1) Employed persons at work, i.e. those who worked for at least one-hour long job;
- (2) Employed persons not at work due to temporary absence from a job or different 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 do not have a job but are looking for a job during a specified period and are available to start working if they get a job.

### Labour Underutilization

It refers to mismatch between labour supply and demand, which translates into an unmet need for employment among the population. Measures of Labour Underutilization are as below:

- (a) **Time-related Underemployment:** Based on the amended Factory Act 1951, it refers to those who are willing and available to engage in other work, as their existing working hours is less than 44 hours per week;
- (b) **Unemployment:** It refers to an unemployed person who is currently searching for and available for the job;
- (c) **Potential Labour Force:** It refers to an unemployed person who is willing to work, but being in a condition limited to their job search and/or availability.

**Youth**

Youth means when one is young or in the age range before adulthood. The United Nations (UN), for statistical purposes, defines 'youth', as the individuals between 15-24 years.

**Child**

In accordance with the ILO Worst Forms of Child Labour Convention No. 182 (1999) and the United Nations Convention on the Rights of the Child, a child is defined as an individual under 18 years of age. Measuring of child labour include all persons in the age group from 5 to 17 years, where age is measured as the number of completed years at the child's last birthday.

**Child Labour**

In Myanmar, there is no official definition of child labour, yet. Therefore, the definition referred in accordance with the 18<sup>th</sup> International Conference of Labour Statisticians (18<sup>th</sup> ICLS) resolution, the Articles from the amended 1951 Factory Act and the 2016 Shops and Establishments Law, where working children of the following types are considered as Child Labour:

- (1) Age 5 years and under 18 years engaged in hazardous work for pay or profit for at least one hour per week or working in the night time (6 p.m. to 6 a.m.) for pay or profit; (OR)
- (2) Age between 5 years and under 14 years and engaged for at least one hour per week for pay or profit; (OR)
- (3) Age between 14 years and under 16 years and engaged for more than 24 hours per week for pay or profit; (OR)
- (4) Age between 16 years and under 18 years and engaged in work more than 44 hours a week for pay or profit.

The rest of working children are labelled as working children other than child labour.

**Social Security Scheme**

Social Security Scheme has been introduced in Myanmar by Social Security Act, 1954 which came into enforce on 1<sup>st</sup> January 1956. Now, New Law, Social Security Law, 2012, was enacted and it has been implementing since 1<sup>st</sup> April 2014 in line with the international standard.

There are six types of social insurance systems in Social Security Law, 2012, but now only the three insurance systems: Health and Social Care Insurance System, Family Assistance Insurance System and Employment Injury Benefit Insurance System have been implementing. In addition, Family Assistance

Insurance System is postponed to review by issuing notification in accord with the international practices. Therefore, the two insurance systems have been implementing as follow:

- (a) Health and Social Care Insurance System (If the insured person is within 60 years of age at the time of initial registration, 2 percent by the employer and 2 percent by the worker, totally contribution for 4 percent 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 percent.)
- (b) Employment Injury Benefit Insurance System (Only the employer shall pay contribution for 1 percent.)

The insured workers who have paid contribution under Social Security Law, 2012, shall entitle medical treatment in time of sickness, confinement and employment injury at the establishment for any cause and the following cash benefits:

- (a) Sickness Benefit of insured person (has the right to enjoy 60 percent of average wage of the previous four months as cash benefit relating 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 of 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 previous one year and 15 days leave for infant care on confinement of his insured wife.)
- (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) Temporary Disability Benefit (has the right to entitled 70 percent of average wage of a month within four months prior to occupational accident from the date of incapacity for work, to a maximum of 12 months for reducing or ceasing of earning by reasons of incapable to work of employment injury under medical certificate.)
- (l) 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.)
- (m) 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 (GDP)

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 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.

- Gross domestic product is an aggregate measure of production equal to the sum of the gross values added of all resident institutional units engaged in production (plus any taxes, and minus any subsidies, on products not included in the value of their outputs).
- The sum of the final uses of goods and services (all uses except intermediate consumption) measured in purchasers' prices, less the value of imports of goods and services, or the sum of primary incomes distributed by resident producer units.

### 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**

### **Land**

Land are classified into reserved forests, current fallows, net area sown, cultivable waste land, other wood land and others.

### **Crops**

Crops are classified into Cereals, Oilseeds, Pulses, Spices and condiments, Tobacco and Betel, Vegetables and Fruits, Beverage, Fibre and Miscellaneous.

## **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 2018.

### **Protected Public Forest**

Protected Public Forest means land declared to be protected public forest under Myanmar.

### **Protected Area System**

Protected area means a geographically defined area which is designated or regulated and managed to achieve specific conservation objectives.

## **CHAPTER 11. INDUSTRY, CONSTRUCTION AND MYANMAR MICRO SMALL AND MEDIUM ENTERPRISES SURVEY**

### **Persons Engaged in Metalliferrous Mines by Type of Mining**

Underground workers are defined as those workers who work in the tunnels under the ground. Open working workers are defined as those workers are 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 1<sup>st</sup> 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. With effect from 1<sup>st</sup> April 2015, Department of Human Settlement and Housing Development, was reformed as Department of Urban and Housing Development.

In Public Sector, residential buildings were constructed by Department of Urban and Housing Development. In Private Sector, private contractors are permitted to construct residential buildings by City Development Committee.

### **Private Buildings**

Number of applications submitted to and approved by the Yangon City Development Committee, Mandalay City Development Committee and construction completed. They are classified into two categories viz., (a) new buildings and (b) extension and repairs.

### **School Construction**

Schools were constructed by the Ministry of Construction and Private contractors.

### **Bridges**

The bridges were constructed by the Ministry of Border Affairs and Ministry of Construction.

### **Micro, Small and Medium Enterprises in Manufacturing Sector**

Myanmar Micro, Small and Medium Enterprises Survey (2019) comprised 2,497 enterprises and 5,227 employees and were statistically representative of more than 71,000 manufacturing firms in Myanmar which

was the first nationally representative survey focusing exclusively on manufacturing enterprises and their employees. The data are collected in 35 townships in all States and Regions of the country in 2019. Classification of manufacturing sector in firms' product is categorized by 4 digit codes of Myanmar Standard Industrial Classification Code. Accordingly, the World Bank's SME defines micro enterprises as those with 1-9 employees, small-scale enterprises as those with 10-49 employees, medium-sized enterprises as those with 50-299 employees, and large enterprises as those with more than 300 employees. The information of enterprises are production characteristics and productivity, sectoral linkages, investment and access to finance, employment and business constraints.

## **CHAPTER 12. TOURISM**

### **Tourist (or overnight visitor)**

A tourist (or overnight visitor) is defined as a person travelling to and staying in places outside their usual environment for one purpose (United Nations World Tourism Organization).

### **Visitor**

A visitor is a traveller taking a trip to a main destination outside his/her usual environment, for less than a year, for any main purpose (business, leisure or other personal purpose) other than to be employed by a resident entity in the country or place visited (United Nations World Organization).

On 1<sup>st</sup> October, 2018 visa exemption is permitted for Japan, South Korea, Hong Kong Special Administrative Region of China and Macau Special Administrative Region of China and visa on arrival is permitted for China as one year trial period.

And then visa on arrival is permitted for India on 1<sup>st</sup> December, 2018 as one year trial period.

The visa exemption and visa on arrival permitted on 1<sup>st</sup> October, 2018 is extended up to 30<sup>th</sup> September, 2020. And visa on arrival for India is also extended up to 30<sup>th</sup> November, 2020 as the next one year trial period.

On 1<sup>st</sup> October, 2019 adding on to the visa on arrival is also started to permit for six Europe countries of Australia, Germany, Italy, Russia, Spain and Switzerland. This effect is also as one year trial period.

## **CHAPTER 13. FOREIGN TRADE AND INVESTMENT**

### **Balance of Payments**

The Balance of Payments is a statistical statement that summarizes transactions between residents and nonresidents during a period. It consists of the current account, the capital account, and the financial



account. The current account shows flows of goods, services, primary income, and secondary income between residents and nonresidents. The capital account shows credit and debit entries for non-produced nonfinancial assets and capital transfers between residents and nonresidents. The financial account shows net acquisition and disposal of financial assets and liabilities. (Balance of Payments manual-6 (BPM-6))

### **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. Since 2001-2002, all exports and imports statistics are obtained from the customs department. Starting from 2016-2017 (April to March), the trade data on electricity have been provided by the Ministry of Electricity and Energy. In addition, the trade data on aviation fuel has included in 2018-2019 (October to September).

### **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.

### **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.

### **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, 2010-2011 and 2015-2016.

### **Myanmar Investment Law**

The Myanmar Investment Law was enacted on 18<sup>th</sup> October 2016, integrating Foreign Investment Law (2012) and the Myanmar Citizens Investment Law (2013) to create a fairer and more level playing field between foreign and domestic investors as well as to create a better investment environment.

### **Myanmar Citizen Investor**

Myanmar Citizen Investor means a citizen who invests within the Union. In this expression, Myanmar companies and branch offices, and other enterprises established and registered in accordance with the Myanmar Companies Law are included.

### **Foreign Investment**

Foreign Investment means any direct investment made by a foreign investor within the Union.

### **Permitted Amount**

The permitted amount means the investment amount of the approved investment projects by the Myanmar Investment Commission.

## **CHAPTER 14. TRANSPORT AND COMMUNICATIONS**

### **Transports**

Railway Transport, Airways Transport, Road Transport and Inland Water Transport.

### **Passenger-Mile**

One passenger-mile corresponds to the transport of one passenger over one mile.

**Freight Ton-Mile**

One freight ton-mile corresponds to the transport of one ton of freight over one mile.

**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.

**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.

**Road Transport**

Passenger statistics include bus and taxi services. Passenger tickets and haulage form the basis for compilation of passenger statistics and freight statistics respectively. 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.

**Inland Water Transport**

Inland water transport statistics are related to all traffic of powered vessels of the government functioning on commercial lines.

**Shipping Statistics**

They include fishing vessels, pleasure craft, tanker, container vessels, general cargo and passenger vessels except military vessels on government duty.

**Communications Statistics**

Statistics on performance of posts and telecommunications services are obtained from the Posts and Telecommunications Department, Myanma Posts and Telecommunications (MPT) and Myanmar Posts, while data on television relay stations are provided by Myanma Radio and Television.

Cellular Mobile Telephone System was begun in Yangon and Mandalay in 1993 and 1996. Global System for Mobile Communications (GSM) has introduced in Yangon and Mandalay in 2003 and extended to other states and regions very soon.

MPT provides internet services to some government agencies and private companies with an initial capacity of 400 dial-up lines since 1998. In 2014, Posts and Telecommunications Department allowed private sector inclusion in mobile phone and internet services. At present, public service provider, MPT and private service providers such as Telenor, Ooredoo, Mytel are providing mobile telephone services and internet services in all over the country. Internet and Mobile phone subscription has been dramatically increasing since 2014.

## CHAPTER 15. 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)

The Consumer Price Index measures the changes in price of goods and services from a household's expenditure. Movements in the price index reflect changes in the average household expenditure. The index is a measurement unit designed to show changes in price level over time through comparison to a base year. The price index is equal to 100 for the base year. CPI uses a base year of 2012. The changes in prices of goods and services are calculated in reference to the base year for monthly or annual figures showing a ratio or percentage. 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.

The 2012 base year computes CPI by using the following Modified Laspeyres's Price Index formula:

$$I_t^i = I_{t-1}^i * \sqrt[i]{\pi \frac{p_t^i}{p_{t-1}^i}}, \text{ where}$$

$I_t^i$  is an index of product  $i$  in month  $t$ ,

$I_{t-1}^i$  is an index of product  $i$  in month  $t-1$ ,

$p_t^i$  is price of product  $i$  in month  $t$  and

$p_{t-1}^i$  is price of product  $i$  in month  $t-1$

To receive the upper level indices and the Union index, the weighted average of these micro-level indices calculated.

$$I_t = \sum_i w_0^i * I_t^i, \text{ where}$$

$I_t$  is index for month  $t$  and

$w_0^i$  is weight of product  $i$  in base period  $w_0^i = \frac{p_0^i * q_0^i}{p_0 * q_0}$ .

### 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 2012 CPI introduces the UN COICOP classification. The classification is used internationally possible to make international comparison of inflation at more detailed levels. 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. 2012 CPI based on only 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 the inflation rate is high, the value of a unit of currency is reduced and larger sums of money are required to purchase the same quantity of goods or services. This rise in the general price level and reduction in the real value of money is 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:

$$\text{Year on Year Inflation} = \frac{b_i - a_i}{a_i} \times 100$$

$b_i$  = 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:

$$\begin{array}{l} \text{Annual Rate of Inflation} \\ \text{(or) Average Rate of Inflation} \end{array} = \frac{1}{12} \sum_{i=1}^{12} \frac{b_i - a_i}{a_i} \times 100$$

$b_i$  = 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.

### Cooperative Statistics

Statistics on cooperative activities are provided by the Cooperative Department. The major objective of cooperative society is to procure, produce, and distribute essential goods and services to the consumers through the respective cooperative societies.

Cooperative statistics shows the number of societies, number of members paid-up share capital, saving, loan, Working Extension fund, Social/Culture fund, General fund, liabilities, net profit, and working capital from cooperative societies.

## CHAPTER 16. 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 1<sup>st</sup> 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.

State Economic Enterprise (SEE) budget is included in umbrella of the Union Budget. In 2018 (6) month Fiscal Year there was 32 State Economic Enterprises (SEEs). Among these 32 SEEs, 20 SEEs have been used Own Fund Account and SEE Account, 7 SEEs that are Financial Institutions which have been used only SEE Account and other 5 of SEEs are outside of the union fund which have been used Current Account. If SEE get profit, 25% of the net profit are paid as income tax, 20% of net profit are put into the Union Fund as state contribution.

In 2018-2019 Fiscal Year, State Economic Enterprise also which depends on their OA balance. Eight of SEEs have been used their own fund for all expenditures. Five of SEEs have been used their own fund for current expenditures and used union fund for the capital and financial expenditure. Six of SEEs have been used their own fund for current expenditure on the purchase of raw materials, commercial tax, income tax, State Contribution, operating cost, administrative and research cost and distribution cost and used for union fund for the rest of current expenditure, capital and financial expenditure.

One of SEE has been used their own fund for current expenditure on the 50% of purchase of raw materials, commercial tax, income tax, State Contribution, operating cost, administrative and research cost and used union fund contribution cost and for the rest of current expenditure, capital and financial expenditure. If SEEs get profit, they shall be paid as income tax according to the Union Tax Law and 20% shall be paid to the state contribution to the Union Fund.

According to the Agreement of the Cabinet meeting, changed the fiscal year from October 1 to September 30 instead of April 1 to March 31 and it recorded by second session of the Pyidaungsu Hluttaw.

### **Government Debt Stock**

Government debt stock refers to the total value of the government debt that a government owes to all external and domestic lenders.

### **Domestic Debt Stock**

Domestic debt stock is the debt that the government owes to Central Bank of Myanmar, State-Owned Banks, Private Banks, Foreign Banks Branches and Securities Companies.

**External Debt Stock**

External debt stock is the debt that the government owes to foreign lenders like ADB, World Bank and etc.

**Repayment Principle**

Repayment Principle is the remaining amount of the periodic payment that is used to reduce the outstanding loan amount.

**Money Supply**

Money Supply is the total value of money available in an economy at a point of time. There are several ways to define money such as M1, M2 and M3, etc.

Money Supply (M1) or Narrow Money covers currency outside depository corporations and transferable deposits at banks.

**Currency outside Depository Corporations**

Currency outside Depository Corporations is the domestic currency included in broad money and is complied as currency in circulation less currency holdings in the vaults of other depository corporations (banks).

**Transferable (Demand) deposits**

Transferable (Demand) deposits comprise all deposits that are exchangeable on demand at par, without penalty or restriction, and that are otherwise commonly used to directly make payments.

**People's Savings (Other Deposits)**

People's savings or other deposits comprise all claims, other than transferable deposits, that are represented by evidence of deposits. It includes saving deposits, time deposits, saving certificates, and other types of deposits.

**Foreign Exchange Rates**

Starting from 2012-2013, managed floating foreign exchange rate is used. Starting from 1<sup>st</sup> April 2013, the daily reference foreign exchange rates are obtained from Central Bank of Myanmar.

Since 5<sup>th</sup> February 2019, the Reference Exchange Rate of Myanmar Kyat equivalent to one unit of the US Dollar is computed and published by the Central Bank of Myanmar on its website every bank business day at 16:00.

The Reference Exchange Rate is calculated based on weighted average rate of interbank and bank-customer trades on the daily Foreign Exchange market during the calculation period (from 9:00 to 15:00 of the calculation day).



The Reference Exchange Rate is an indicative rate and participants in the foreign exchange market are not required to use it in their foreign exchange transactions. The Reference Exchange Rate of the previous bank business day can be used for settling customs obligations, accounting and statistical purposes.

## **Treasury Bonds**

### **Issuing Government Treasury Bonds before 2016**

On behalf of the Government, the Central Bank of Myanmar (CBM) has issued the 3-years and 5-years Government Treasury Bonds since 1993. On January 1<sup>st</sup>, 2010, CBM issued 2-years Government Treasury Bonds and the interest rates of 2-years, 3-years and 5-years Government Treasury Bonds are 8.75%, 9% and 9.5% respectively.

### **Issuance of Government Treasury Bills and Bonds by Auction**

In order to reduce CBM Financing, the Government Treasury Bill has been issuing since January 28<sup>th</sup>, 2015 and Bond has been issuing since September 20<sup>th</sup>, 2016 with Scripless System in line with the international standards. According to the Agency Agreement between Ministry of Planning, Finance and Industry (MoPFI) and CBM, CBM is acting as the agent of MoPFI but Treasury Department manages all process on behalf of MoPFI for the issuance of Government Securities.

Multiple price system for competitive bidders and Market Weighted Average Yield for non-competitive bidders has been practiced in Treasury Bill and Bond Auction.

In Government Securities Auctions, there are two types of bidders, Competitive and Non-Competitive Bidder. Myanma Economic Bank is only one Non-Competitive Bidder which is the largest amount invested in Treasury Securities and other State-Owned Banks, Private Banks, Foreign Banks Branches and Securities Companies are Competitive Bidders. Insurance Companies, Institutional Investors and Individual Investors can purchase Government Securities through the Securities Companies. All information related to Government Securities Auction (including Auction Calendar, Auction Announcement, Auction Result, and Related Documents) are uploaded on the Website of CBM and the Website of MoPFI.

Government Treasury Bill with the maturity of 3-month, 6-month and 1-year have been issued and the total Auction is 108 times up to September 2019. Government Treasury Bond with the maturity of 2-year, 2 and half year, 3-year, 4-year and 5-year have been issued and the total Auction is 25 times up to September 2019.

**Interest Rates**

Central bank rate, interest on treasury bills and bonds, deposit rates and lending rates are shown in table 16.19.

**Central Bank Survey**

Central Bank Survey in table 16.20 shows the components of monetary base and its assets that are compiled based on the Central Bank's balance sheet data.

**Other Depository Corporations Survey**

Other Depository Corporations Survey in table 16.21 shows the assets and liabilities positions that are compiled based on the consolidated balance sheets data of domestic banks which are Myanmar Economic Bank, Myanmar Foreign Trade Bank, Myanmar Investment and Commercial Bank, Myanmar Agricultural Development Bank, Private Banks and Foreign Bank Branches.

**Foreign Exchange Reserves**

Foreign Exchange reserves in table 16.22 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.

**Depository Corporations Survey**

Depository Corporations Survey consolidates the Central Bank Survey and the Other Depository Corporations Survey. In table 16.23 it shows the monetary aggregates positions, and assets that are claims on other sectors of the domestic economy.



<https://www.mopfi.gov.mm>  
<https://www.csostat.gov.mm>  
<http://www.mmsis.gov.mm>