



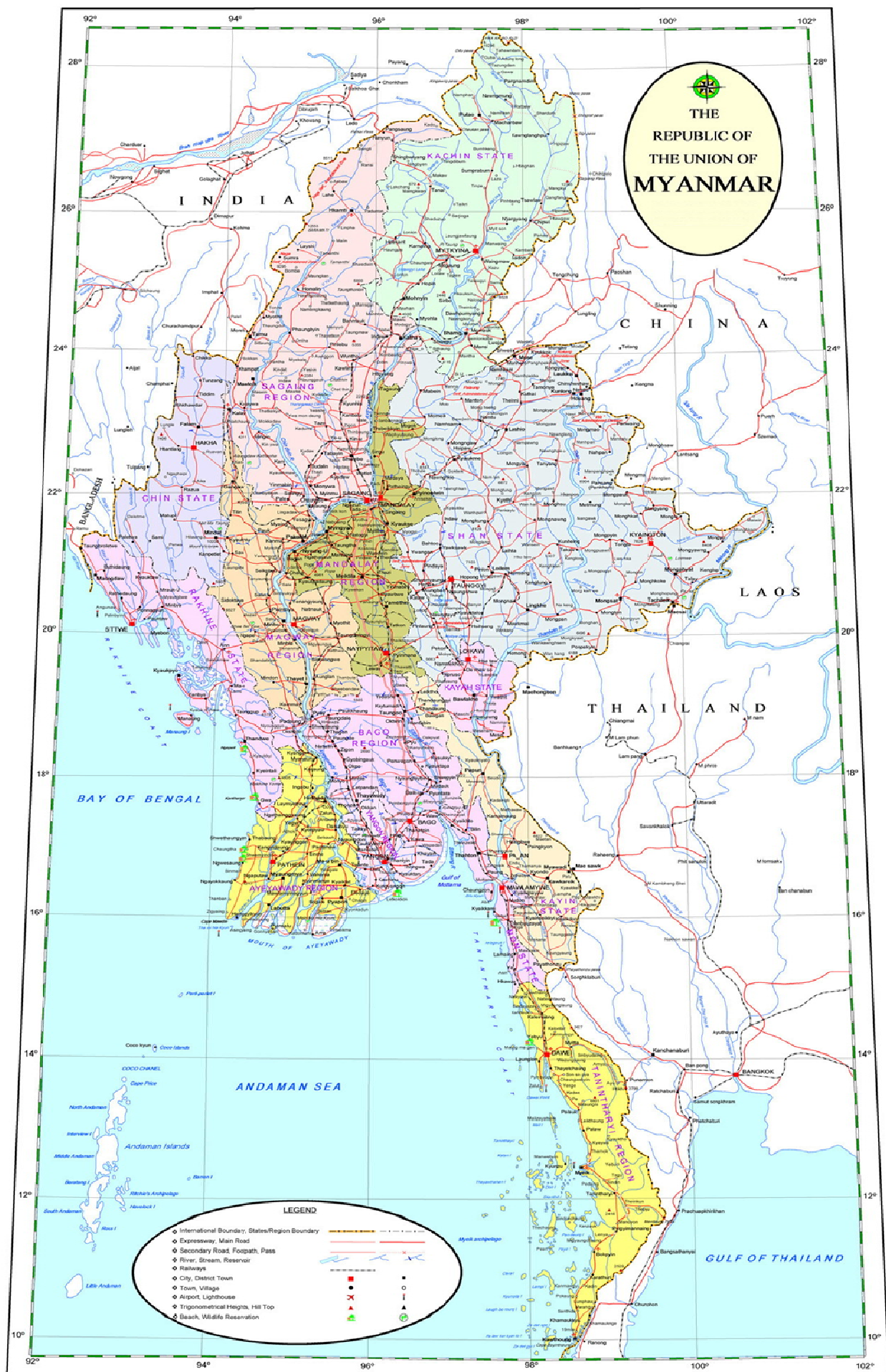
The Government of the Republic of the Union of Myanmar
Ministry of Planning and Finance



MYANMAR AGRICULTURAL STATISTICS (2006-2007 to 2015-2016)



Central Statistical Organization
Ministry of Planning and Finance
in Collaboration with
Ministry of Agriculture, Livestock and Irrigation,
Ministry of Natural Resources and Environmental Conservation
Nay Pyi Taw, Myanmar
2017



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e-mail: dgcsomopf@gmail.com

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FOREWARD

Central Statistical Organization of Myanmar is endeavoring to deliver the key socio-economic statistical messages to all citizens with the support of continuous data series that reflect the current situations of the country. Since Agricultural Sector is the backbone of Myanmar Economy, the purpose of this publication is to provide detailed statistical information on Myanmar Agricultural Sector for the period between 2006-2007 and 2015-2016. The respective sections showed in the publication aim to meet the wider perspective of statistics demand from decision makers, policy makers, researchers and other statistics users.

The present publication offers detailed information on Population, Weather and Land, Inputs, Production, Prices and Share of Agriculture, Livestock and Forestry in GDP, Food and Non-Food Expenditure Per Month at Household Level by State and Region and Export and Import of Agricultural, Livestock and Forestry Products with the systematic elaborations of six different sections.

We would like to express our sincere appreciation to the Ministry of Agriculture, Livestock and Irrigation and Ministry of Natural Resources and Environmental Conservation for the excellent collaboration on this publication.



Dr. Wah Wah Maung

Director-General

Central Statistical Organization
Ministry of Planning and Finance

MYANMAR AGRICULTURAL STATISTICS

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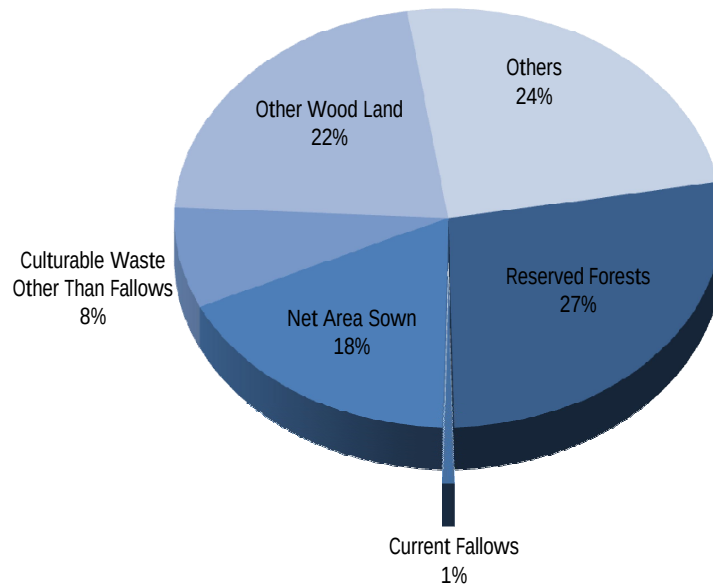
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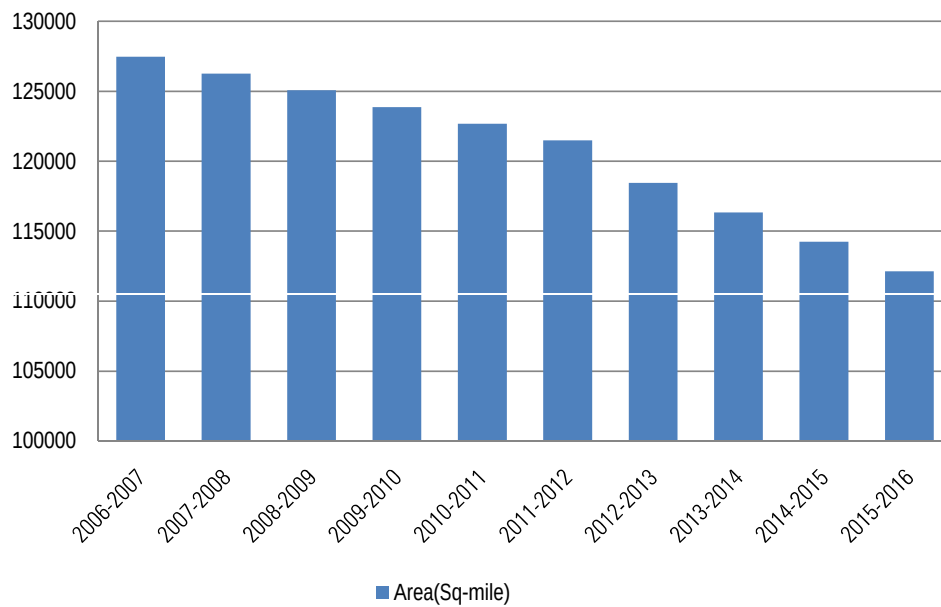
I . POPULATION , WEATHER AND LAND

Figure 1.1 AREA CLASSIFIED BY TYPE OF LAND, 2015-2016 (Thousand Acres)



Source: Department of Agricultural Land Management and Statistics.

Figure 1.2 FOREST COVER STATUS IN MYANMAR



Source: Department of Forest.

Table 1.01 Area, Estimated Population and Population Density by States and Regions

States and Regions (1)	Area (Sq.km) (2)	Population (In Million)		Population Density (Per Sq Km)	
		2014-2015 (3)	2015-2016(p) (4)	2014-2015 (5)	2015-2016(p) (6)
Union	676552.70	51.99	52.45	77	78
1 . Nay Pyi Taw	7067.50	1.18	1.20	167	170
2 . Kachin State	89038.58	1.73	1.76	19	20
3 . Kayah State	11731.10	0.29	0.30	25	25
4 . Kayin State	30381.67	1.57	1.58	52	52
5 . Chin State	36017.58	0.49	0.50	14	14
6 . Sagaing Region	94621.07	5.37	5.41	57	58
7 . Tanintharyi Region	43343.34	1.42	1.43	33	33
8 . Bago Region	39402.99	4.89	4.90	124	124
9 . Magway Region	44818.96	3.95	3.95	88	88
10 . Mandalay Region	29954.33	6.22	6.27	201	203
11 . Mon State	12296.19	2.05	2.03	166	165
12 . Rakhine State	36776.72	3.25	3.27	88	89
13 . Yangon Region	10170.89	7.43	7.60	723	739
14 . Shan State	155795.72	5.91	6.00	38	39
15 . Ayeyarwady Region	35136.05	6.26	6.26	179	179

Note:Figures are provisional, work on population projection
is currently in progress, so these may be few changes.

Sources:(1)General Administrative Department.
(2) Population Department.

Table 1.02 Monthly Temperature and Rainfall at Reporting Stations, 2015

Station (1)	January				February				March			
	Temperature C°		Rain - fall in	No. of Rainy	Temperature C°		Rain - fall in	No. of Rainy	Temperature C°		Rain - fall in	No. of Rainy
	max . (2)	min . (3)	m .m . (4)	Days (5)	max . (6)	min . (7)	m .m . (8)	Days (9)	max . (10)	min . (11)	m .m . (12)	Days (13)
1. Kachin State												
Myitkyina	26.5	12.2	10	2	29.3	13.4	Trace	0	33.2	17.4	Trace	0
Mohnyin	26.0	10.7	23	4	28.8	10.6	4	1	33.3	14.6	20	2
2. Kayah State												
Loikaw	26.8	10.9	54	2	29.6	10.3	0	0	34.1	15.0	66	2
3. Kayin State												
Hpa-an	32.2	18.0	57	2	34.8	18.9	0	0	37.0	22.4	36	2
4. Chin State												
Falam	19.0	9.0	35	5	22.4	9.6	0	0	26.2	13.4	16	4
Hakha	18.5	3.8	21	3	21.0	2.9	0	0	24.8	8.7	28	4
5. Sagaing Region												
Katha	27.1	14.3	40	4	30.0	14.1	Trace	0	34.5	17.0	3	1
Mawlaik	27.3	12.0	16	4	30.9	11.2	1	0	36.2	14.6	4	2
Monywa	30.5	16.7	Trace	0	33.6	15.9	0	0	38.3	19.8	25	1
Shwebo	30.0	14.3	1	0	33.1	15.6	0	0	36.6	19.9	14	1
Hkamti	25.6	10.4	8	2	27.7	11.1	14	1	32.2	14.9	2	1
6. Tanintharyi Region												
Dawei	32.7	15.9	36	3	34.6	17.6	0	0	36.3	21.6	13	1
Myeik	32.4	21.0	65	2	33.6	22.4	2	0	34.7	24.9	89	5
7. Bago Region												
Bago	31.0	19.3	1	0	33.6	19.0	0	0	36.7	22.8	1	0
Pyay	32.3	16.2	0	0	35.5	15.3	0	0	39.0	19.7	1	0
8. Magway Region												
Magway	30.7	16.0	57	3	34.4	14.7	0	0	39.8	19.5	0	0
Gangaw	29.4	13.6	1	0	33.1	13.0	0	0	37.9	17.2	4	1
9. Mandalay Region												
Mandalay	29.9	16.6	19	2	33.6	16.3	2	1	38.2	21.5	3	1
Pyin-Oo-Lwin	23.0	6.8	39	4	25.8	6.5	1	0	30.8	11.4	67	2
Pyinmana	31.2	16.6	4	1	34.1	16.6	0	0	38.4	21.4	0	0
Nyaung Oo	30.4	15.6	12	3	33.8	14.4	0	0	38.8	19.3	0	0
10. Mon State												
Mawlamyine	32.4	17.9	58	2	35.2	18.4	Trace	0	36.8	22.0	10	1
Ye	32.5	17.5	54	2	34.5	17.8	0	0	34.0	21.1	38	3
11. Rakhine State												
Sittwe	28.6	14.8	96	3	29.4	13.9	0	0	32.5	17.4	0	0
Thantwe	31.2	14.5	2	0	32.4	13.2	0	0	35.4	16.5	0	0
12. Yangon Region												
Yangon	32.7	18.8	Trace	0	35.0	18.8	0	0	37.7	21.8	9	2
13. Shan State												
Lashio	24.7	9.1	33	3	27.5	7.3	0	0	32.3	11.7	Trace	0
Taunggyi	22.6	10.0	42	4	25.0	9.6	0	0	29.5	13.8	10	2
Kyaingtong	25.0	10.8	79	6	28.9	9.9	Trace	0	32.6	13.1	40	3
14. Ayeyarwady Region												
Patheingyi	32.3	16.4	1	0	34.4	16.4	0	0	36.8	19.3	17	1

Table 1.02 Monthly Temperature and Rainfall at Reporting Stations, 2015 (Cont'd)

Station (1)	April				May				June			
	Temperature C°		Rain - fall in	No. of Rainy	Temperature C°		Rain - fall in	No. of Rainy	Temperature C°		Rain - fall in	No. of Rainy
	max . (2)	min . (3)	m .m . (4)	Days (5)	max . (6)	min . (7)	m .m . (8)	Days (9)	max . (10)	min . (11)	m .m . (12)	Days (13)
1. Kachin State												
Myitkyina	31.9	20.2	49	8	34.6	22.9	185	14	31.7	24.0	677	22
Mohryin	32.4	19.4	24	6	35.0	22.0	86	11	32.0	24.3	380	21
2. Kayah State												
Loikaw	33.2	17.6	86	5	32.4	18.5	76	11	30.2	17.1	95	9
3. Kayin State												
Hpa-an	37.0	23.2	85	3	34.5	23.6	357	10	31.3	23.9	775	25
4. Chin State												
Falam	24.4	15.0	163	16	27.8	16.6	8	3	25.0	17.6	316	18
Hakha	23.2	12.3	163	13	26.7	13.3	19	4	24.2	16.1	311	15
5. Sagaing Region												
Katha	33.6	20.4	22	6	35.7	23.2	283	10	33.8	24.8	246	13
Mawlaik	34.3	20.1	72	12	38.6	22.2	98	6	35.8	24.8	132	14
Monywa	37.8	23.8	27	4	40.2	25.8	96	7	37.3	27.0	23	7
Shwebo	37.0	23.4	17	5	37.2	24.9	94	8	36.5	25.8	14	4
Hkamti	30.8	18.2	81	10	34.2	21.2	25	5	31.2	22.0	595	23
6. Tanintharyi Region												
Dawei	36.5	21.9	100	4	32.2	23.3	487	14	31.5	22.1	993	22
Myeik	35.0	25.1	171	7	33.4	25.4	441	17	31.5	24.8	782	20
7. Bago Region												
Bago	37.9	25.1	10	1	35.2	26.0	382	9	31.5	25.1	498	23
Pyay	39.2	23.6	52	2	36.4	25.2	158	8	32.6	24.2	358	14
8. Magway Region												
Magway	40.8	24.0	2	1	40.4	25.6	65	2	35.5	24.2	121	6
Gangaw	36.4	21.5	41	4	40.1	23.9	77	6	35.0	23.9	208	13
9. Mandalay Region												
Mandalay	38.7	24.8	14	4	38.0	25.9	276	9	36.7	26.4	26	4
Pyin-Oo-Lwin	29.7	14.4	43	7	29.7	21.7	315	10	28.1	17.9	112	11
Pyinmana	38.0	24.3	49	4	37.1	25.4	95	6	33.3	23.7	199	15
Nyaung Oo	39.6	24.7	3	1	41.0	27.4	20	2	37.2	27.4	41	3
10. Mon State												
Mawlamyine	37.4	23.4	13	1	34.6	25.0	321	12	31.8	24.5	889	21
Ye	35.9	22.4	43	5	33.6	24.0	274	12	31.8	23.7	1078	25
11. Rakhine State												
Sittwe	33.3	22.1	34	2	28.9	13.6	146	5	30.1	23.5	1848	25
Thantwe	36.4	21.5	0	0	34.9	23.9	412	12	31.5	23.7	1061	24
12. Yangon Region												
Yangon	38.1	23.9	40	3	35.9	24.9	185	9	32.3	24.5	580	22
13. Shan State												
Lashio	31.0	17.2	54	8	32.5	19.5	83	10	31.1	22.4	92	15
Taunggyi	28.6	16.4	47	4	28.3	18.1	190	10	25.8	18.5	92	14
Kyaingtong	32.2	16.9	146	8	33.9	20.0	117	8	32.0	21.6	107	8
14. Ayeyarwady Region												
Patheingyi	38.0	21.8	56	2	34.8	22.4	400	12	30.9	20.7	786	28

Table 1.02 Monthly Temperature and Rainfall at Reporting Stations, 2015 (Cont'd)

Station (1)	July				August				September			
	Temperature C°		Rain - fall in	No. of Rainy Days	Temperature C°		Rain - fall in	No. of Rainy Days	Temperature C°		Rain - fall in	No. of Rainy Days
	max . (2)	min . (3)	m .m . (4)		max . (6)	min . (7)	m .m . (8)		max . (10)	min . (11)	m .m . (12)	
1. Kachin State												
Myitkyina	30.6	24.0	590	20	31.4	24.3	386	20	32.2	21.2	323	15
Mohryin	29.4	24.0	558	23	30.9	24.4	301	19	31.8	24.3	236	13
2. Kayah State												
Loikaw	27.9	*	200	22	28.8	*	186	15	29.7	20.9	141	12
3. Kayin State												
Hpa-an	29.3	23.8	1110	30	29.2	23.7	906	28	29.5	24.2	554	23
4. Chin State												
Falam	22.2	17.4	749	23	23.9	17.6	169	15	23.3	17.2	178	11
Hakha	21.8	16.5	1148	25	22.8	16.5	194	13	23.1	15.9	234	14
5. Sagaing Region												
Katha	30.4	24.2	790	21	31.8	25.1	245	16	32.9	24.8	185	13
Mawlaik	31.5	23.9	564	24	33.4	24.4	285	12	34.1	23.8	315	21
Monywa	33.9	26.2	235	12	34.6	26.3	79	7	35.3	26.3	179	6
Shwebo	33.4	25.2	368	18	32.9	25.2	116	7	34.2	25.5	211	13
Hkamti	29.9	21.7	573	24	30.2	21.7	1230	25	31.7	21.4	776	15
6. Tanintharyi Region												
Dawei	30.6	22.2	979	30	29.5	22.9	1093	28	30.5	23.0	774	25
Myeik	31.0	24.8	829	22	30.0	24.2	597	26	29.9	24.1	875	26
7. Bago Region												
Bago	30.5	24.6	924	24	30.5	24.8	631	27	31.9	25.3	600	20
Pyay	30.6	24.0	369	20	31.3	24.1	222	15	32.1	24.1	280	17
8. Magway Region												
Magway	31.7	23.2	280	17	34.1	23.7	247	11	34.4	23.3	143	11
Gangaw	31.5	23.7	513	18	32.9	24.6	166	10	33.1	23.8	165	8
9. Mandalay Region												
Mandalay	34.3	25.6	95	10	34.2	25.6	116	9	35.8	25.6	134	10
Pyin-Oo-Lwin	26.1	17.8	243	21	26.3	17.6	313	16	27.8	19.7	125	16
Pyinmana	30.9	23.4	322	21	32.2	24.5	134	12	33.1	24.9	155	11
Nyaung Oo	33.8	26.6	113	8	34.4	25.8	181	9	34.4	25.7	113	7
10. Mon State												
Mawlamyine	29.9	24.3	1455	27	30.0	24.1	1284	28	31.2	24.2	767	20
Ye	30.2	23.7	1310	29	30.0	23.6	1254	27	30.7	23.5	855	23
11. Rakhine State												
Sittwe	29.4	23.8	1762	29	30.6	23.6	718	27	32.0	23.4	569	19
Thantwe	29.8	23.9	1443	29	31.0	23.5	875	27	32.0	23.7	367	22
12. Yangon Region												
Yangon	31.7	24.4	687	25	31.2	24.3	408	23	32.2	24.0	329	15
13. Shan State												
Lashio	28.5	22.0	458	22	29.6	22.4	232	13	30.8	22.0	116	11
Taunggyi	23.8	18.3	275	20	24.5	18.4	216	20	25.9	18.4	150	11
Kyaingtong	30.5	21.4	261	17	29.9	21.4	227	19	30.9	20.9	107	10
14. Ayeyarwady Region												
Patheingyi	30.8	20.4	870	28	30.6	20.0	476	28	32.2	20.1	246	21

Table 1.02 Monthly Temperature and Rainfall at Reporting Stations, 2015 (Concl'd)

Station (1)	October				November				December			
	Temperature C°		Rain - fall in	No. of Rainy	Temperature C°		Rain - fall in	No. of Rainy	Temperature C°		Rain - fall in	No. of Rainy
	max .	min .	m .m .	Days	max .	min .	m .m .	Days	max .	min .	m .m .	Days
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. Kachin State												
Myitkyina	31.5	20.7	116	5	28.9	15.3	4	1	24.6	12.4	55	4
Mohnyin	30.1	20.7	146	6	28.4	15.0	8	1	24.5	11.4	6	2
2. Kayah State												
Loikaw	28.5	18.9	132	10	28.9	17.1	33	3	27.7	12.3	13	1
3. Kayin State												
Hpa-an	33.2	24.1	275	10	35.9	23.5	12	3	34.5	20.3	Trace	0
4. Chin State												
Falam	23.0	15.0	271	11	21.0	11.1	30	6	19.1	8.0	3	1
Hakha	21.2	12.8	255	14	20.2	7.3	30	3	18.1	4.7	Trace	0
5. Sagaing Region												
Katha	31.8	22.4	214	7	30.3	17.3	1	0	26.3	13.5	Trace	0
Mawlaik	31.6	21.5	342	9	29.5	16.8	60	3	24.7	13.2	0	0
Monywa	31.6	23.8	161	13	31.2	20.0	19	2	28.4	16.6	Trace	0
Shwebo	31.4	22.8	203	7	30.8	18.3	6	1	28.1	15.0	Trace	0
Hkamti	31.2	17.8	75	6	27.2	11.8	14	2	23.3	7.8	Trace	0
6. Tanintharyi Region												
Dawei	32.9	22.4	309	13	34.7	22.0	97	4	34.3	19.3	27	2
Myeik	32.6	24.7	323	16	33.3	24.7	113	7	32.4	24.0	64	3
7. Bago Region												
Bago	32.5	24.8	243	12	34.4	23.6	8	1	33.2	20.3	0	0
Pyay	32.2	23.4	136	10	32.6	21.6	9	2	31.4	18.0	10	1
8. Magway Region												
Magway	32.6	22.0	252	10	32.6	18.9	Trace	0	30.3	13.5	4	1
Gangaw	30.7	21.2	192	13	28.7	18.3	17	2	25.1	14.5	1	0
9. Mandalay Region												
Mandalay	32.0	23.0	263	10	31.0	20.1	23	3	29.1	16.7	2	1
Pyin-Oo-Lwin	25.5	13.4	342	18	25.1	10.8	46	4	22.7	7.0	7	2
Pyinmana	32.8	23.8	121	7	33.2	21.6	0	0	31.6	17.6	7	1
Nyaung Oo	32.0	23.3	137	7	31.7	19.3	12	1	29.5	15.4	1	0
10. Mon State												
Mawlamyine	33.3	24.2	336	10	35.6	24.0	15	2	34.7	21.5	Trace	0
Ye	33.0	23.4	216	15	34.7	23.0	72	8	34.1	20.7	22	3
11. Rakhine State												
Sittwe	32.0	22.3	483	11	32.2	20.4	37	2	29.6	16.3	1	0
Thantwe	32.8	22.8	242	13	35.4	21.7	1	0	31.2	14.7	0	0
12. Yangon Region												
Yangon	32.4	23.5	355	16	34.0	22.0	69	3	33.3	19.3	0	0
13. Shan State												
Lashio	28.6	17.5	105	8	27.4	14.4	54	4	24.6	11.2	8	1
Taunggyi	24.5	16.2	112	14	24.4	14.3	39	5	22.8	10.8	17	3
Kyaingtong	29.0	18.2	100	9	28.2	15.2	36	6	25.1	12.6	26	3
14. Ayeyarwady Region												
Patheingyi	33.1	19.1	224	14	35.0	19.4	0	0	33.0	20.2	0	0

Table 1.03 Annual Rainfall, Temperature and Percentage of Humidity

Station (1)	2006 Actual				2007 Actual			
	Annual Rainfall in Millimeter (2)	Temperature C°		Mean Relative Humidity Percent (5)	Annual Rainfall in Millimeter (6)	Temperature C°		Mean Relative Humidity Percent (9)
		Mean max. (3)	Mean min. (4)			Mean max. (7)	Mean min. (8)	
1. Kachin State								
Myitkyina	1670	30.8	18.7	71.1	2457	30.1	18.6	80
Mohnyin	1045	30.4	17.7	79.8	1379	29.7	16.5	80
2. Kayah State								
Loikaw	1089	29.4	16.9	73.0	1204	29.2	16.7	75
3. Kayin State								
Hpa-an	4897	33.6	21.3	81.3	4262	33.6	21.6	79
4. Chin State								
Falam	1490	24.3	14.3	67.0	1581	23.6	13.6	71
Hakha	2239	21.8	10.6	75.7	2133	21.3	9.6	78
5. Sagaing Region								
Katha	1628	32.1	16.1	77.5	2222	31.6	15.8	77
Mawlaik	1644	31.2	21	79.0	1839	30	20.6	78
Monywa	1070	34.6	21.8	67.6	783	34.2	21.1	67
Shwebo	1034	33	21	70.3	807	33.3	19.7	78
Hkamti	3330	30.3	19	86.1	4920	29.6	18.4	88
6. Tanintharyi Region								
Dawei	6810	32.1	21.9	80.4	4312	32.1	21.6	78
Myeik	5579	31.7	23.6	81.2	3762	31.7	23.5	80
7. Bago Region								
Bago	3520	32.6	21.4	86.1	3773	32.5	22.3	84
Pyay	1869	33.8	22.8	72.8	1510	33.6	21.8	70
8. Magway Region								
Magway	1175	34.3	19.2	69.8	962	33.8	18.6	70
Gangaw	1598	32.6	19.8	72.6	1172	32	20	71
9. Mandalay Region								
Mandalay	1542	33.9	22.3	70.9	1167	33.4	21.8	72
Pyin-Oo-Lwin	1716	27.3	14.7	78.9	1480	26.3	13.8	79
Pyinmana	1449	33.9	22.1	75.0	1305	33.5	21.7	74
Nyaung Oo	697	34.2	22.1	55.7	660	33.6	21.8	64
10. Mon State								
Mawlamyine	5046	29.9	22.6	78.1	4757	32.3	22.5	75
Ye	6338	32.4	22.9	82.4	5852	33.1	22.8	82
11. Rakhine State								
Sittwe	4380	30.6	21.9	79.6	5169	30.1	19.8	80
Thantwe	6821	31.7	19	79.3	6512	32.2	20.2	77
12. Yangon Region								
Yangon	2835	33.5	20.4	81.5	3592	33.1	21.6	80
13. Shan State								
Lashio	1421	29.6	16	74.9	1245	29.8	15.3	72
Taunggyi	1550	25.6	14.8	70.0	1439	25.6	14.6	69
Kyaingtong	1374	29.5	17.1	71.4	1151	29.4	17.4	69
14. Ayeyarwady Region								
Patheingyi	3266	33.1	23	81.6	3277	33.3	22.6	80

Table 1.03 Annual Rainfall, Temperature and Percentage of Humidity(Cont'd)

Station (1)	2008 Actual				2009 Actual			
	Annual Rainfall in Millimeter (2)	Temperature C°		Mean Relative Humidity Percent (5)	Annual Rainfall in Millimeter (6)	Temperature C°		Mean Relative Humidity Percent (9)
		Mean max. (3)	Mean min. (4)			Mean max. (7)	Mean min. (8)	
1. Kachin State								
Myitkyina	2489	30.2	18.8	80.1	2548	31.3	19.4	80.1
Mohnyin	1999	29.6	16.4	81.4	1286	30.8	17.6	79.4
2. Kayah State								
Loikaw	1162	28.8	16.9	81.0	951	29.5	17.4	83.4
3. Kayin State								
Hpa-an	5160	32.6	21.6	81.0	4833	33.2	21.4	76.3
4. Chin State								
Falam	1391	24.6	14.1	68.7	1640	25.2	15.2	-
Hakha	1489	21.6	8.1	76.8	1877	22.5	8.7	74.8
5. Sagaing Region								
Katha	1676	31.5	15.1	n.a	1369	32.9	16.9	-
Mawlaik	2100	30.1	21.0	49.5	1371	31.9	21.6	-
Monywa	509	34.6	21.1	69.8	498	35.6	19.8	69.5
Shwebo	601	35.1	16.4	83.5	748	34.4	14.6	66.0
Hkamti	4117	28.4	18.7	88.8	3086	30.5	19.3	84.1
6. Tanintharyi Region								
Dawei	5551	31.7	21.5	80.2	6250	31.8	21.2	81.5
Myeik	4372	31.5	23.5	80.3	4282	31.2	23.5	81.1
7. Bago Region								
Bago	3397	32.1	22.5	80.5	2854	32.4	21.6	80.0
Pyay	1539	33.8	20.7	72.5	1059	34.7	21.0	69.8
8. Magway Region								
Magway	903	34.1	17.9	71.7	802	35.1	18.9	67.6
Gangaw	1213	32.1	21.0	73.9	1127	33.6	21.3	67.4
9. Mandalay Region								
Mandalay	726	33.7	22.2	69.6	680	35.7	21.1	65.0
Pyin-Oo-Lwin	1302	26.6	13.8	82.2	979	27.2	16.9	62.9
Pyinmana	1272	33.4	21.8	73.8	843	34.3	22.1	71.1
Nyaung Oo	674	33.8	22.1	64.9	374	35.4	22.7	62.6
10. Mon State								
Mawlamyine	6013	31.7	21.6	78.1	5106	32.4	22.4	77.9
Ye	6365	31.9	22.7	80.6	5614	32.5	22.9	82.6
11. Rakhine State								
Sittwe	4305	30.4	19.9	81.2	4211	30.9	21.2	79.8
Thantwe	5005	31.7	19.6	76.6	5290	32.6	20.3	78.5
12. Yangon Region								
Yangon	3063	32.9	20.5	81.0	3101	33.3	19.8	78.6
13. Shan State								
Lashio	1270	29.5	14.7	71.3	1048	30.1	15.0	-
Taunggyi	1509	25.3	14.9	70.4	1322	26.3	15.2	68.8
Kyaingtong	1376	28.9	17.7	72.1	1034	29.6	17.7	-
14. Ayeyarwady Region								
Patheingyi	3052	32.7	22.7	82.0	3421	32.9	22.9	82.5

Table 1.03 Annual Rainfall, Temperature and Percentage of Humidity(Cont'd)

Station	2010 Actual				2011 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.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Kachin State								
Myitkyina	2766	31.2	19.0	80.7	2502	30.8	19.4	79.7
Mohnyin	2029	30.3	17.4	77.6	2046	29.9	17.7	79.1
2. Kayah State								
Loikaw	1116	30.3	17.4	83.1	1833	28.5	16.9	81.2
3. Kayin State								
Hpa-an	3747	34.5	21.0	73.6	5640	32.5	21.5	77.9
4. Chin State								
Falam	1389	24.3	15.4	68.6	1889	23.2	14.8	69.9
Hakha	1851	22.3	9.0	76.3	2041	21.3	8.5	79.7
5. Sagaing Region								
Katha	2444	31.6	13.1	*	1995	31.3	14.2	79.5
Mawlaik	*	32.6	20.9	*	2197	33.4	26.1	80.8
Monywa	1152	35.2	21.6	69.0	1068	33.5	21.6	70.6
Shwebo	970	33.7	21.6	77.4	1163	33.3	21.6	79.0
Hkamti	3386	30.0	19.1	89.7	3335	29.5	18.8	87.2
6. Tanintharyi Region								
Dawei	3188	33.1	22.7	78.9	5679	31.8	22.1	81.0
Myeik	3136	32.0	24.2	78.9	4938	30.7	23.5	81.4
7. Bago Region								
Bago	2513	33.1	20.6	78.5	3793	31.6	20.6	81.0
Pyay	1588	34.7	21.2	69.3	1660	33.4	20.7	72.1
8. Magway Region								
Magway	1141	35.0	20.1	71.1	1051	33.3	21.7	73.8
Gangaw	1065	33.0	21.3	72.6	1797	31.5	20.5	82.2
9. Mandalay Region								
Mandalay	1018	35.1	23.0	66.1	1245	33.4	22.4	70.1
Pyin-Oo-Lwin	1929	27.4	13.7	75.5	1880	27.6	14.3	76.9
Pyinmana	1346	34.9	21.6	67.6	1617	33.0	20.8	75.7
Nyaung Oo	1296	35.1	23.0	64.0	1023	33.7	22.1	68.5
10. Mon State								
Mawlamyine	3084	33.3	23.2	76.8	5976	32.2	22.5	81.0
Ye	3228	33.5	23.5	80.8	7146	32.3	23.1	82.1
11. Rakhine State								
Sittwe	4278	31.2	21.2	80.8	5554	30.4	20.5	82.0
Thantwe	4390	33.0	20.7	76.8	5899	32.1	20.4	78.1
12. Yangon Region								
Yangon	2478	34.4	22.8	74.6	3058	32.8	22.4	78.1
13. Shan State								
Lashio	1264	30.0	15.9	*	1267	29.0	15.4	76.9
Taunggyi	1187	27.1	15.4	66.6	2008	25.4	14.8	72.0
Kyaingtong	1258	30.4	18.5	66.4	1396	28.8	18.1	73.3
14. Ayeyarwady Region								
Patheingyi	2386	33.6	23.3	79.5	2885	31.9	22.7	83.8

Table 1.03 Annual Rainfall, Temperature and Percentage of Humidity(Cont'd)

Station	2012 Actual				2013 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.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Kachin State								
Myitkyina	2527	29.9	19.9	80.0	2399	30.6	19.2	79.0
Mohnyin	1335	30.6	17.8	77.0	1387	30.6	17.6	76.0
2. Kayah State								
Loikaw	1081	29.6	16.6	72.0	1372	29.7	17.1	75.0
3. Kayin State								
Hpa-an	4446	33.6	21.3	77.0	5081	33.4	21.7	76.0
4. Chin State								
Falam	1698	24.2	15.0	66.0	1900	23.7	14.8	70.0
Hakha	1220	21.9	11.4	73.0	1731	21.9	11.2	74.0
5. Sagaing Region								
Katha	1080	32.3	14.5	75.0	1513	32.1	15.1	75.0
Mawlaik	1410	32.3	19.8	74.0	1791	32.4	19.5	76.0
Monywa	604	35.1	21.8	66.0	680	34.5	21.9	66.0
Shwebo	656	34.7	21.5	73.0	885	34.2	21.3	73.0
Hkamti	3529	29.8	18.5	85.0	3497	30.0	18.5	85.0
6. Tanintharyi Region								
Dawei	6550	32.5	22.5	84.0	5568	32.1	21.6	83.0
Myeik	4302	31.3	24.2	84.0	4707	32.0	24.1	82.0
7. Bago Region								
Bago	3603	32.7	22.9	77.0	3261	32.8	23.2	80.0
Pyay	1185	34.1	20.6	70.0	1556	34.0	20.7	70.0
8. Magway Region								
Magway	746	34.7	22.6	69.0	1006	34.4	22.3	68.0
Gangaw	1050	32.8	20.5	83.0	1106	32.4	20.4	78.0
9. Mandalay Region								
Mandalay	649	34.7	23.0	66.0	922	34.3	22.8	67.0
Pyin-Oo-Lwin	1373	26.6	14.5	74.0	1453	26.9	13.6	76.0
Pyinmana	937	33.9	20.8	73.0	1545	33.5	21.1	76.0
Nyaung Oo	477	34.6	22.7	62.0	791	34.6	22.3	65.0
10. Mon State								
Mawlamyine	5169	33.1	23.1	80.0	5205	32.9	22.8	78.0
Ye	5554	32.9	23.3	84.0	6043	32.7	23.5	83.0
11. Rakhine State								
Sittwe	5625	30.6	20.4	82.0	5259	31.0	20.4	85.0
Thantwe	5084	32.7	20.9	76.0	5240	33.0	21.1	80.0
12. Yangon Region								
Yangon	2749	33.7	21.7	76.0	2774	33.5	21.5	77.0
13. Shan State								
Lashio	1168	30.2	15.8	72.0	1521	29.8	15.9	74.0
Taunggyi	1319	25.7	15.0	70.0	1514	25.5	15.2	71.0
Kyaingtong	1169	30.1	18.0	68.0	1646	29.7	17.8	70.0
14. Ayeyarwady Region								
Patheingyi	3456	32.7	22.8	82.0	2741	32.9	22.5	84.0

Table 1.03 Annual Rainfall, Temperature and Percentage of Humidity (Concl'd)

Station (1)	2014 Actual				2015 Actual			
	Annual Rainfall in Millimeter (2)	Temperature C°		Mean Relative Humidity Percent (5)	Annual Rainfall in Millimeter (6)	Temperature C°		Mean Relative Humidity Percent (9)
		Mean max. (3)	Mean min. (4)			Mean max. (7)	Mean min. (8)	
1. Nay Pyi Taw								
Yezin					851	34.3	21.1	73
Tatkone					685	34.4	20.9	65
Pyinmana					1,086	33.8	22.0	74
2. Kachin State								
Myitkyina	1924	30.9	20.0	76.0	2,395	30.5	19.0	76
Mohnyin	1660	30.9	18.1	76.0	1,792	30.2	18.5	78
3. Kayah State								
Loikaw	902	29.8	16.6	73.0	1,082	29.8	15.9	72
4. Kayin State								
Hpa-an	4051	33.4	22.0	76.0	4,167	33.2	22.5	73
5. Chin State								
Falam	1128	23.9	15.4	71.0	1,938	23.1	14.0	74
Hakha	1320	22.5	11.1	73.0	2,403	22.1	10.9	80
6. Sagaing Region								
Katha	1634	32.9	20.8	74.0	2,029	31.5	20.1	75
Mawlaik	942	34.7	19.1	72.0	1,889	32.3	19.0	80
Monywa	711	34.9	22.1	66.0	844	34.4	22.4	68
Shwebo	719	34.5	21.6	70.0	1,044	33.4	21.3	70
Hkamti	2444	30.6	18.8	83.0	3,393	29.6	16.7	83
7. Tanintharyi Region								
Dawei	5824	32.7	21.5	80.0	4,908	33.0	21.2	78
Myeik	4598	32.5	23.8	80.0	4,351	32.5	24.2	79
8. Bago Region								
Bago	3722	32.9	23.2	78.0	3,298	33.2	23.4	78
Pyay	1224	34.4	20.8	70.0	1,595	33.8	21.6	69
9. Magway Region								
Magway	605	35.3	21.9	69.0	1,171	34.8	20.7	69
Gangaw	888	34.1	20.8	72.0	1,385	32.8	19.9	78
10. Mandalay Region								
Mandalay	624	35.0	23.1	67.0	973	34.3	22.3	67
Pyin-Oo-Lwin	1532	26.9	12.8	77.0	1,653	26.7	13.8	77
Pyinmana	1141	33.9	21.8	75.0	1,086	33.8	22.0	74
Nyaung Oo	478	34.7	23.6	56.0	633	34.7	22.1	64
11. Mon State								
Mawlamyine	4862	33.0	22.6	76.0	5,148	33.6	22.8	77
Ye	5226	33.3	22.2	79.0	5,216	32.9	22.0	79
12. Rakhine State								
Sittwe	3740	31.4	20.2	85.0	5,694	30.7	19.6	87
Thantwe	4711	32.9	20.4	83.0	4,403	32.8	20.3	83
13. Yangon Region								
Yangon	3136	33.8	21.0	76.0	2,662	33.9	22.5	76
14. Shan State								
Lashio	975	29.9	16.0	72.0	1,235	29.1	16.4	74
Taunggyi	1201	25.7	14.9	69.0	1,190	25.5	15.2	72
Kyaingtong	1220	30.1	17.4	68.0	1,246	29.9	16.8	71
15. Ayeyarwady Region								
Patheingyi	3091	33.2	22.2	82.0	3,076	33.5	19.7	80

Table 1.04 Area Classified by Type of Land

(Thousand Acres)

Period	Reserved Forests	Current Fallows	Net Area Sown	Occupied Area (3) + (4)	Culturable Waste Other Than Fallows	Other Wood Land	Other	Total Area
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2006 - 2007	40678	736	28118	28854	14758	41969	40927	167186
2007 - 2008	41404	653	28930	29583	14304	40891	41004	167186
2008 - 2009	41604	634	29351	29985	14011	40570	41016	167186
2009 - 2010	41752	597	29591	30187	13861	40166	41219	167186
2010 - 2011	44271	569	29703	30272	13333	38621	40689	167186
2011 - 2012	45058	795	29454	30249	13279	37926	40674	167186
2012 - 2013	45232	1086	29258	30344	13246	37577	40787	167186
2013 - 2014	45950	1129	29328	30457	13058	36675	41046	167186
2014 - 2015 (p.a)	45896	1094	29617	30711	13014	36409	41156	167186
2015 - 2016 (p)	45848	1111	29671	30782	12964	36427	41165	167186

Note: Net area sown is exclusive
of squatter.

Source : Department of Agricultural Land Management and Statistics.

Table 1.05 Area Classified by Type of Land by States and Regions, 2015-2016 (p)

(Thousand Acres)

States and Regions	Reserved Forests	Current Fallows	Net Area Sown	Occupied Area (3) + (4)	Culturable Waste Other Than Fallows	Other Wood Land	Other	Total Area
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Union	45848	1111	29671	30782	12964	36427	41165	167186
1 . Naypyitaw	719	-	301	301	3	262	459	1744
2 . Kachin State	7005	132	777	909	3438	5989	4662	22003
3 . Kayah State	1562	8	167	175	41	413	708	2899
4 . Kayin State	2221	17	1197	1214	62	3039	972	7508
5 . Chin State	1455	4	194	198	3095	1141	3011	8900
6 . Sagaing Region	8945	47	4565	4612	255	4106	5236	23154
7 . Tanintharyi Region	3388	35	1083	1118	644	2932	2629	10711
8 . Bago Region	3910	6	3323	3329	181	190	2127	9737
9 . Magway Region	2617	8	3032	3040	135	2393	2890	11075
10 . Mandalay Region	1553	174	3177	3351	63	603	3806	9376
11 . Mon State	530	69	1438	1507	21	206	775	3039
12 . Rakhine State	1675	63	1224	1287	279	3536	2311	9088
13 . Yangon Region	265	39	1433	1472	38	3	762	2540
14 . Shan State	8505	493	2975	3468	4670	11306	10550	38499
15 . Ayeyarwady Region	1498	16	4785	4801	39	308	2011	8657

Note: Net area sown is exclusive
of squatter.

Source : Department of Agricultural Land Management and Statistics.

Table 1.06 Land Utilization of Net Area Sown

(Thousand Acres)

Period	Paddy	Ya	Kaing	Garden	Dhani	Taungya	Net area Sown
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2006 - 2007	15738	9649	1358	3340	117	963	31166
2007 - 2008	15869	10255	1393	4037	118	1005	32677
2008 - 2009	15905	10429	1397	4414	119	1068	33332
2009 - 2010	15986	10394	1399	4768	120	1049	33716
2010 - 2011	15997	10476	1403	4944	123	1028	33971
2011 - 2012	15747	10371	1405	5022	123	893	33561
2012 - 2013	15599	10191	1361	4795	122	794	32862
2013 - 2014	15548	10177	1351	4857	121	714	32768
2014 - 2015 (p.a)	15629	10227	1350	5009	121	678	33014
2015 - 2016 (p)	15658	10242	1343	4995	121	657	33016

Note : Net area sown is inclusive
of squatter.

Source : Department of Agricultural Land Management and Statistics.

Table 1.07 Area not Available for Cultivation

(Thousand Acres)

Period (1)	Grazing Grounds & Cattle Paths (2)	Cannals, Reservoirs Tanks and Embankment (3)	Residential Area and Town (4)	Village Land (5)	Road (6)	Railway Land (7)	Others (8)	Total (9)
2006 - 2007	756	605	450	1001	639	54	37422	40927
2007 - 2008	754	616	460	1005	643	56	37470	41004
2008 - 2009	755	618	461	1006	643	58	37475	41016
2009 - 2010	763	621	467	1007	645	60	37656	41219
2010 - 2011	761	622	477	1006	648	64	37111	40689
2011 - 2012	759	622	478	1023	652	66	37074	40674
2012 - 2013	756	624	481	1034	652	66	37174	40787
2013 - 2014	757	632	481	1185	668	67	37256	41046
2014 - 2015 (p.a)	756	638	490	1216	673	67	37316	41156
2015 - 2016 (p)	746	640	495	1234	674	67	37307	41163

Source : Department of Agricultural Land Management and Statistics.

Table 1.08 Area Sown by Type of Planting Classification

(Thousand Acres)

Period	Double Cropped Area					Area Sown More Than Twice	Net Area Sown	Mixed Cropped Area	Gross Area Sown (6 + 7 + 8 + 9)	Total Harvested Area
	Re-planted Area	Pre-monsoon/ Mid-monsoon	Mid-monsoon/ Winter	Pre-monsoon/ Winter	Total Cropped Area (2 + 3 + 4 + 5)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2006 - 2007	3	1937	4952	6105	12997	430	31166	5828	50421	47010
2007 - 2008	2	1689	4769	7323	13783	312	32677	7879	54651	48795
2008 - 2009	-	1807	5502	6643	13952	370	33332	9082	56736	49759
2009 - 2010	-	1695	6008	6491	14194	450	33716	9369	57729	50551
2010 - 2011	1	1713	6485	6124	14323	414	33971	9527	58234	50926
2011 - 2012	6	1748	6026	5408	13188	361	33561	8480	55589	46128
2012 - 2013	17	1620	5815	4947	12399	282	32862	6461	52006	44488
2013 - 2014	2	1642	6021	5559	13224	395	32768	6410	52800	44971
2014 - 2015	*	1757	6341	5067	13165	302	33014	6325	52806	45062
2015 - 2016	12	1832	6232	5340	13416	335	33016	5918	52689	45223

Note : Net area sown is inclusive of squatter.

* Less than One unit.

Source : Department of Agricultural Land Management and Statistics.

Table 1.09 Permanent Forest Estate by States and Regions

(Square Mile)

S.N.	States and Regions	Year	Total Land Area	Permanent Forest Estate		
				Reserved Forest & Protected Public Forest Area	Protected Area System (PAS)	Total
				(1)	(2)	(3)
Union	2006-2007	261228	61354.52	10275.52	71630.04	
	2007-2008	261228	62489.38	10275.52	72764.90	
	2008-2009	261228	62801.89	10275.52	73077.41	
	2009-2010	261228	63048.86	10275.53	73324.39	
	2010-2011	261228	62748.95	14631.17	77380.12	
	2011-2012	261228	63976.89	14631.14	78608.03	
	2012-2013	261228	64243.03	14631.11	78874.14	
	2013-2014	261228	64689.22	14642.47	79331.69	
	2014-2015	261228	64657.38	15021.66	79679.04	
	2015-2016(p.a)	261228	64590.24	15011.61	79601.85	
1 Kachin State	2006-2007	34379	5833.00	6053.81	11886.81	
	2007-2008	34379	5833.00	6053.81	11886.81	
	2008-2009	34379	6017.73	6053.81	12071.54	
	2009-2010	34379	6193.42	6053.80	12247.22	
	2010-2011	34379	6294.85	7726.80	14021.65	
	2011-2012	34379	7083.98	7726.80	14810.78	
	2012-2013	34379	7208.73	7726.80	14935.53	
	2013-2014	34379	7084.58	7726.80	14811.38	
	2014-2015	34379	7082.12	6053.80	13135.92	
2015-2016(p.a)	34379	7203.74	6053.80	13135.25		
2 Kayah State	2006-2007	4530	2451.79	-	2451.79	
	2007-2008	4530	2451.79	-	2451.79	
	2008-2009	4530	2451.79	-	2451.79	
	2009-2010	4530	2451.69	-	2451.69	
	2010-2011	4530	2449.61	-	2449.61	
	2011-2012	4530	2449.61	-	2449.61	
	2012-2013	4530	2449.61	-	2449.61	
	2013-2014	4530	2442.16	-	2442.16	
	2014-2015	4530	2440.83	-	2440.83	
2015-2016(p.a)	4530	2440.78	-	2440.78		
3 Kayin State	2006-2007	11731	3442.00	115.48	3557.48	
	2007-2008	11731	3442.00	115.48	3557.48	
	2008-2009	11731	3485.78	115.48	3601.26	
	2009-2010	11731	3499.66	115.50	3615.16	
	2010-2011	11731	3492.37	115.50	3607.87	
	2011-2012	11731	3492.37	115.50	3607.87	
	2012-2013	11731	3492.37	115.50	3607.87	
	2013-2014	11731	3473.65	115.50	3589.15	
	2014-2015	11731	3469.54	115.50	3585.04	
2015-2016(p.a)	11731	3469.54	115.50	3585.04		

Table 1.09 Permanent Forest Estate by States and Regions (Cont'd)

(Square Mile)

S.N.	States and Regions	Year	Total Land Area	Permanent Forest Estate		
				Reserved Forest & Protected Public Forest Area	Protected Area System (PAS)	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
4	Chin State	2006-2007	13907	2031.51	-	2031.51
		2007-2008	13907	2031.51	-	2031.51
		2008-2009	13907	2031.51	-	2031.51
		2009-2010	13907	2031.51	-	2031.51
		2010-2011	13907	1995.70	275.50	2271.20
		2011-2012	13907	1995.62	275.50	2271.12
		2012-2013	13907	1995.62	275.50	2271.12
		2013-2014	13907	1940.26	325.93	2266.19
		2014-2015	13907	1946.37	325.78	2272.15
		2015-2016(p.a)	13907	1947.07	325.78	2272.85
5	Sagaing Region	2006-2007	36534	10996.32	1630.73	12627.05
		2007-2008	36534	11102.82	1630.73	12733.55
		2008-2009	36534	11102.82	1630.73	12733.55
		2009-2010	36534	11108.96	1630.73	12739.69
		2010-2011	36534	11121.56	4130.51	15252.07
		2011-2012	36534	11273.23	4130.51	15403.74
		2012-2013	36534	11320.86	4130.51	15451.37
		2013-2014	36534	11269.21	4126.92	15396.13
		2014-2015	36534	11401.13	5799.89	17201.02
		2015-2016(p.a)	36534	11400.91	5799.89	17200.80
6	Tanintharyi Region	2006-2007	16736	4882.79	754.45	5637.24
		2007-2008	16736	4859.21	754.45	5613.66
		2008-2009	16736	4858.42	754.45	5612.87
		2009-2010	16736	4855.77	754.45	5610.22
		2010-2011	16736	4854.25	754.46	5608.71
		2011-2012	16736	4939.82	754.46	5694.28
		2012-2013	16736	4936.03	754.46	5690.49
		2013-2014	16736	5300.62	754.46	6055.08
		2014-2015	16736	5299.58	754.46	6054.04
		2015-2016(p.a)	16736	5292.99	754.32	6047.31
7	Bago Region	2006-2007	15214	5846.65	40.00	5886.65
		2007-2008	15214	6284.42	40.00	6324.42
		2008-2009	15214	6284.42	40.00	6324.42
		2009-2010	15214	6284.03	40.00	6324.03
		2010-2011	15214	6206.89	40.00	6246.89
		2011-2012	15214	6206.87	40.00	6246.87
		2012-2013	15214	6206.87	40.00	6246.87
		2013-2014	15214	6192.90	40.00	6232.90
		2014-2015	15214	6178.43	419.59	6598.02
		2015-2016(p.a)	15214	6151.36	419.59	6570.95

Table 1.09 Permanent Forest Estate by States and Regions (Cont'd)

(Square Mile)

S.N.	States and Regions	Year	Total Land Area	Permanent Forest Estate		
				Reserved Forest & Protected Public Forest Area	Protected Area System (PAS)	Total
				(1)	(2)	(3)
8	Magway Region	2006-2007	17305	4405.50	215.10	4620.60
		2007-2008	17305	4480.09	215.10	4695.19
		2008-2009	17305	4479.62	215.10	4694.72
		2009-2010	17305	4459.43	215.10	4674.53
		2010-2011	17305	4049.39	180.96	4230.35
		2011-2012	17305	4060.00	180.96	4240.96
		2012-2013	17305	4059.87	180.96	4240.83
		2013-2014	17305	4074.73	181.59	4256.32
		2014-2015	17305	4075.48	181.59	4257.07
		2015-2016(p.a)	17305	4086.21	181.48	4267.69
9	Mandalay Region	2006-2007	14295	4004.69	187.78	4192.47
		2007-2008	14295	4030.27	187.78	4218.05
		2008-2009	14295	4030.81	187.78	4218.59
		2009-2010	14295	3851.89	187.78	4039.67
		2010-2011	14295	3712.13	130.08	3842.21
		2011-2012	14295	3714.08	130.08	3844.16
		2012-2013	14295	3633.75	130.06	3763.81
		2013-2014	14295	3632.16	130.06	3762.22
		2014-2015	14295	3617.02	175.61	3792.63
		2015-2016(p.a)	14295	3615.27	175.59	3790.86
10	Mon State	2006-2007	4748	838.23	69.56	907.79
		2007-2008	4748	838.23	69.56	907.79
		2008-2009	4748	837.85	69.56	907.41
		2009-2010	4748	837.84	69.56	907.40
		2010-2011	4748	832.32	69.56	901.88
		2011-2012	4748	832.31	69.56	901.87
		2012-2013	4748	832.31	69.55	901.86
		2013-2014	4748	829.19	69.05	898.24
		2014-2015	4748	828.26	69.05	897.31
		2015-2016(p.a)	4748	828.23	68.98	897.21
11	Rakhine State	2006-2007	14200	2142.00	677.88	2819.88
		2007-2008	14200	2635.00	677.88	3312.88
		2008-2009	14200	2634.79	677.88	3312.67
		2009-2010	14200	2650.54	677.88	3328.42
		2010-2011	14200	2650.54	677.88	3328.42
		2011-2012	14200	2650.54	677.88	3328.42
		2012-2013	14200	2650.54	677.88	3328.42
		2013-2014	14200	2622.41	677.88	3300.29
		2014-2015	14200	2617.41	677.88	3295.29
		2015-2016(p.a)	14200	2617.12	677.88	3295.00

Table 1.09 Permanent Forest Estate by States and Regions (Concl'd)

(Square Mile)

S.N.	States and Regions	Year	Total Land Area	Permanent Forest Estate		
				Reserved Forest & Protected Public Forest Area	Protected Area System (PAS)	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
12	Yangon Region	2006-2007	3927	427.78	2.41	430.19
		2007-2008	3927	427.78	2.41	430.19
		2008-2009	3927	426.92	2.41	429.33
		2009-2010	3927	418.31	2.41	420.72
		2010-2011	3927	415.09	2.41	417.50
		2011-2012	3927	415.08	2.41	417.49
		2012-2013	3927	415.04	2.41	417.45
		2013-2014	3927	414.53	2.41	416.94
		2014-2015	3927	413.96	2.41	416.37
		2015-2016(p.a)	3927	413.87	2.41	416.28
13	Shan State	2006-2007	60155	11271.54	475.20	11746.74
		2007-2008	60155	11292.54	475.20	11767.74
		2008-2009	60155	11378.71	475.20	11853.91
		2009-2010	60155	11625.09	475.20	12100.29
		2010-2011	60155	11893.98	474.39	12368.37
		2011-2012	60155	12083.11	474.36	12557.47
		2012-2013	60155	12261.16	474.36	12735.52
		2013-2014	60155	12933.52	438.75	13372.27
		2014-2015	60155	12946.89	392.98	13339.87
		2015-2016(p.a)	60155	12905.06	383.27	13288.33
14	Ayeyarwady Region	2006-2007	13567	2780.72	53.12	2833.84
		2007-2008	13567	2780.72	53.12	2833.84
		2008-2009	13567	2780.72	53.12	2833.84
		2009-2010	13567	2780.72	53.12	2833.84
		2010-2011	13567	2780.27	53.12	2833.39
		2011-2012	13567	2780.27	53.12	2833.39
		2012-2013	13567	2780.27	53.12	2833.39
		2013-2014	13567	2479.30	53.12	2532.42
		2014-2015	13567	2340.47	53.12	2393.59
		2015-2016(p.a)	13567	2340.47	53.12	2393.59

Source: Department of Forest.

Table 1.10 Forest Cover Status in Myanmar

S.N (1)	Year (2)	Area(Sq-mile) (3)	Forest Cover Area(% of total Land area) (4)
1	2006-2007	127458	48.79
2	2007-2008	126263	48.33
3	2008-2009	125067	47.88
4	2009-2010	123872	47.42
5	2010-2011	122677	46.96
6	2011-2012	120567	46.15
7	2012-2013	118457	45.34
8	2013-2014	116347	44.54
9	2014-2015	114237	43.73
10	2015-2016	112127	42.92

- Note:
- 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
 - 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 2005 and 2010 is (-309.6) thousand hectares or (-1195 sq-mile)
 - Annual change rate between 2010 and 2015 is (-546) thousand hectares or (-2110 sq-mile)
 - 2011-2012 to 2014-2015 Forest Cover area(Sq-mile)is estimated based on the annual change rate between 2010 and 2015.

Source:Department of Forest.

Overview Map of Protected Area System in Myanmar

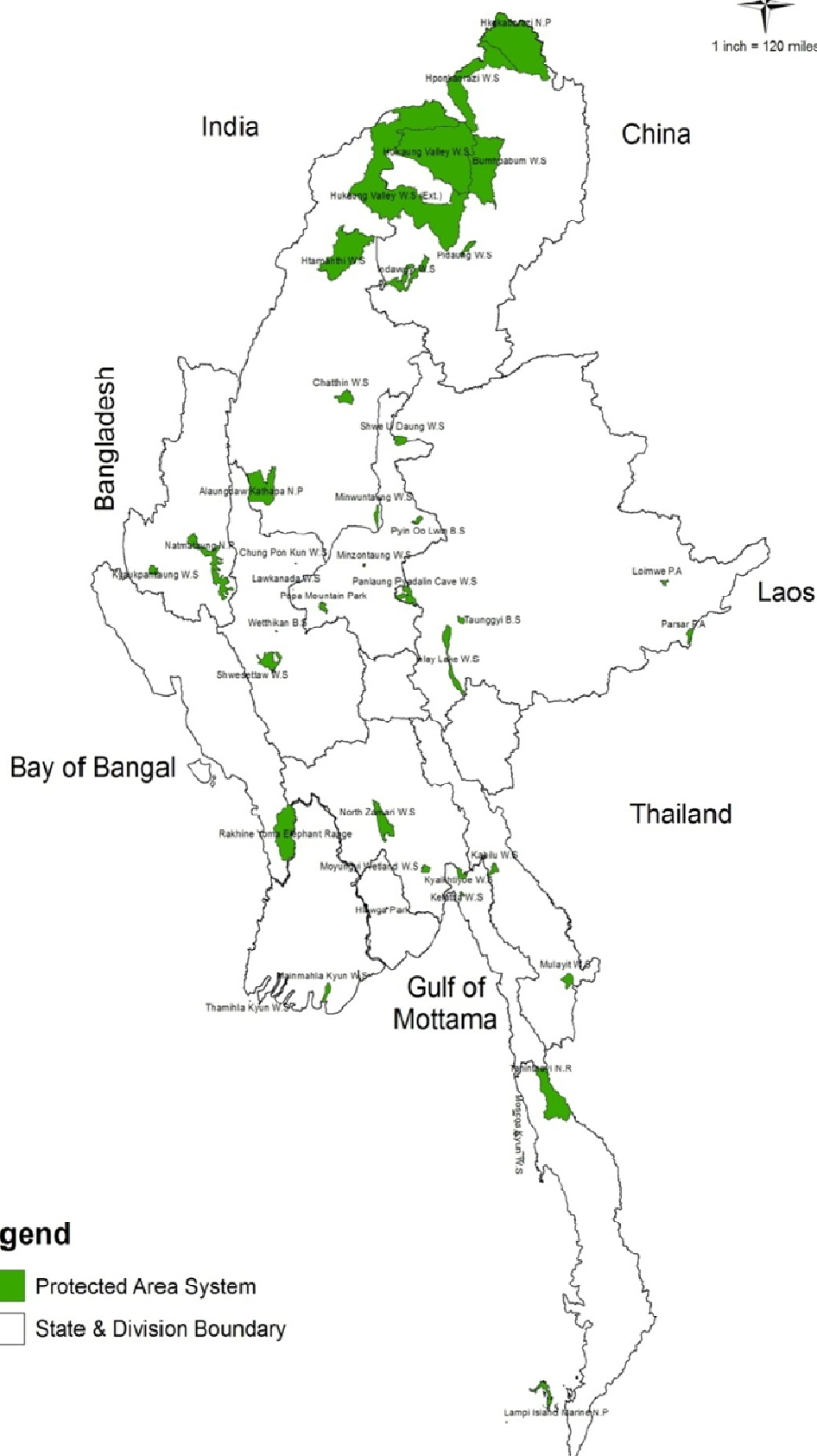


Table 1.11 Existing Protected Areas in Myanmar

Name (1)	Location (States/Regions) (2)	Category of Sanctuary (3)	Year of Establishment (4)	Areas sq.mile (5)	Wildlife Species for which sanctuary is offered (6)
Pidaung Wildlife Sanctuary	Kachin State	Terrestrial N 25° 15' & 25° 35' Between E 97° 14' & 97° 20'	1927	47.13	Gaur,Banteng, Sambar,Leopard, Bear.
Hkakaborazi National Park	Kachin State	H d . Terrestrial N 28° 05' & E 97° 44'	1998	1472	Takin, Musk deer, Red goral, Black barking deer,Avifauna,Orchids.
Indawgyi Wildlife Sanctuary	Kachin State	9 a. Wetland / Lake Between N 24° 56' & 25° 24' Between E 96° 0' & 96° 39'	2004	314.67	Elephant, Sambar deer,Leopard, Bear, Serow, Gaur,migratory and Residence birds.
Hukaung Valley Wildlife Sanctuary	Kachin State	9 b.Terrestrial N 26° 17'& E 97° 41'	2004	2460	Elephant,Tiger, Leopard, Gaur, Sambar, Bear, Wildboar, Serow, Birds.
Bumphabum Wildlife Sanctuary	Kachin State	9 b.Terrestrial N 26° 29'& E 97° 31'	2004	716	Elephant, Gaur,Serow, Leopard, Clouded Leopard, Golden cat, Jackal, Goral, Macaques, Civets, Bear, Avifauna.
Hponkanrazi Wildlife Sanctuary	Kachin State	9 b.Terrestrial N 27° 30'& E 97° 43'	2003	1044	Barking deer,Avifauna, Red Goral, Gibbon, Wild dogs, Mongooses.
Kahilu Wildlife Sanctuary	Kayin State	4.Terrestrial N 17° 3'& E 97° 6'	1928	62	Serow, Hog deer.
Mulayit Wildlife Sanctuary	Kayin State	10 a.Terrestrial N 16° 7'& E 98° 30'	1935	53.5	Leopard,Barking deer,Wild cats.
Natmataung National Park	Chin State	9 c.Terrestrial N 21° 12'& E 94° 00'	2010	275.35	Gaur, Serow, Goral and White browed Nuthatch.
Kyauk Pan Taung Wildlife Sanctuary	Chin State	9 c.Terrestrial N 21° 12'& E 94° 00'	2013	50.43	Serow,Goral,sambar,leopard, Wild cats,Barking deer,Wildboar
Chatthin Wildlife Sanctuary	Sagaing Region	9 a.Terrestrial N 23° 36'& E 95° 32'	1941	100.41	Eld's deer, Sambar, Barking deer.
Minwuntaung Wildlife Sanctuary	Sagaing Region	9 a.Terrestrial N 22° 2'& E 95° 58'	1971	79.49	Barking deer, Avifauna.
Htamanthi Wildlife Sanctuary	Sagaing Region	9 b.Terrestrial N 25° 26'& E 95° 37'	1974	830.4	Elephant, Gaur,Tiger.
Alaungdaw Katthapa National Park	Sagaing Region	9 a.Terrestrial N 22° 30'& E 94° 20'	1989	541.62	Elephant, Leopard,Gaur, Sambar, Serow, Bear.
Hukaung Valley Wildlife Sanctuary (extension)	Kachin State	9 b.Terrestrial	2010	1673	Elephant, Tiger, Leopard, Gaur, Sambar , Bear, Wild boar, Serow,Water birds.

Table 1.11 Existing Protected Areas in Myanmar (Cont'd)

Name (1)	Location (States/Regions) (2)	Category of Sanctuary (3)	Year of Establishment (4)	Areas sq.mile (5)	Wildlife Species for which sanctuary is offered (6)
Hukaung Valley Wildlife Sanctuary (extension)	Sagaing Region	9 b.Terrestrial	2010	2574.97	Elephant,Tiger,Leopard,Gaur,Sambar, Bear,Wild Boar,Serow,Water birds.
Moscov Islands Wildlife Sanctuary	Taninthayi Region	4.Island Marine	1927	19.00	Barking deer, Sambar, Swiftlet.
Lampi Islands Marine National Park	Taninthayi Region	7 b.Marine Between N 10° 41' & 10° 59' Between E 98° 04' & 98° 18'	1996	78.95	Coral reefs, Mouse deer,and Salon ethnic culture.
Taninthayi Nature Reserve	Taninthayi Region	5 a.Terrestrial	2005	656.37	Tiger, Gurney's Pitta, Elephant, Tapir.
Moeyungyi Wetland Wildlife Sanctuary	Bago Region	4.Wetland reservoir N 17° 34' & E 96° 35'	1988	40.00	Water birds.
North Zamrari Wildlife Sanctuary	Bago Region	4.Wetland reservoir N 17° 34' & E 96° 35'	2014	379.59	Elephant, Leopard, clouded leopard leopard, Guar, Bear, banteng, Avifauna
Wetthikan Bird Sanctuary	Magwe Region	9 a.Wetland N 20° 00' & E 96° 30'	1939	1.44	Wetland birds.
Shwesettaw Wildlife Sanctuary	Magwe Region	9 a.Terrestrial N 20° 12' & E 94° 35'	1940	179.19	Eld's deer, Sambar, Barking deer, Gaur.
Chung Pon Kun Wildlife Sanctuary	Magwe Region	9 c.Terrestrial N 21° 12' & E 94° 00'	2013	0.85	Myanmar golden deer, Rabbit, Wildcat, Jackal, Avifauna
Shwe-U-Daung Wildlife Sanctuary	Mandalay Region	10 b.Terrestrial Between N 23° 5' & 22° 57' Between E 99° 5' & 96° 22'	1927	22.41	Elephant, Gaur, Banteng, Sambar, Serow, Bear.
Shwe-U-Daung Wildlife Sanctuary	Shan State	10 b. Terrestrial Between N 23° 5' & 22° 57' Between E 99° 5' & 96° 22'	1927	45.53	Elephant, Gaur, Banteng Sambar, Serow, Bear.
Minsontaung Wildlife Sanctuary	Mandalay Region	9 a.Terrestrial N 21° 28' & E 95° 43'	2001	8.71	Barking deer, Dhole, Reptiles, Tortoise, Wild Cat.
Pyin-O-Lwin Bird Sanctuary	Mandalay Region	10 b.Terrestrial N 22° 00' & E 96° 30'	1927	49.13	Barking deer, Avifauna.

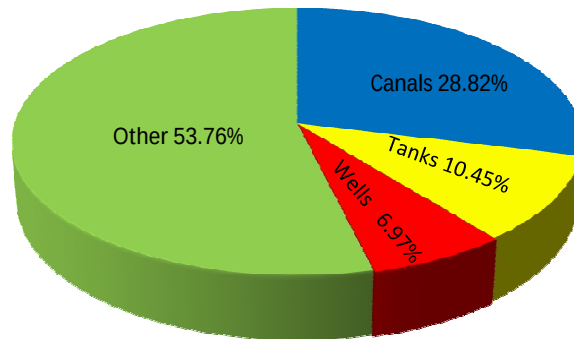
Table 1.11 Existing Protected Areas in Myanmar (Concl'd)

Name (1)	Location (States/Regions) (2)	Category of Sanctuary (3)	Year of Establishment (4)	Areas sq.mile (5)	Wildlife Species for which sanctuary is offered (6)
Popa Mountain Park	Mandalay Region	9 a.Terrestrial N 20° 53' & E 95° 15'	1989	49.63	Barking deer, Leopard, Geomorphologic features.
Lawkananda Wildlife Sanctuary	Mandalay Region	9 a.Terrestrial N 21° 15' & E 94° 47'	1995	0.18	Avifauna, Cultural diversity.
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.
Kaylatha Wildlife Sanctuary	Mon State	4.Terrestrial N 17° 13' & E 97° 6'	1942	8.67	Serow, Avifauna .
Rakhine Yoma Elephant Range	Rakhine State	4.Terrestrial N 17° 31' & E 94° 30'	2002	677.88	Elephant, Gaur, Leopard, Jackal, Bear.
Hlawga Park	Yangon Region	4.Terrestrial N 17° 01' & E 98° 05'	1989	2.41	Sambar, Barking deer, Hog deer, Eld's deer, Monkey, Migratory birds.
Parsar Protected Area	Shan State	10 a. Terrestrial N 20° 29' & E 99° 53'	1996	29.54	Jungle fowl, Chinese Pangolin.
Inlay Lake Wildlife Sanctuary	Shan State	10 b.Wetland / Lake Between N 19° 46' & 20° 38' Between E 96° 47' & 97° 6'	1985	206.07	Water birds and fish spp.
Taunggyi Bird Sanctuary	Shan State	10 b.Terrestrial N 20° 45' & E 97° 04'	1920	2.81	Avifauna.
Panlaung Pyadalin Cave Wildlife Sanctuary	Shan State	10 b. Terrestrial N 21° 10' & E 96° 28'	2002	128.88	Elephant, Leopard, Gaur, Banteng, Golden Cat, Clouded, Leopard, Serow, Gibbon, Orchids.
Loimwe Protected Area	Shan State	10 b. Terrestrial N 21° 8' & E 99° 49'	1996	15.97	Bear, Pangolin, Pheasant.
Meinmahla Kyun Wildlife Sanctuary	Ayeyarwady Region	4.Marine N 16° 05' E 95° 18'	1993	52.78	Crocodile, Water and Shore birds.
Thamihla Kyun Wildlife Sanctuary	Ayeyarwady Region	4. Marine N 15° 5' & E 94° 17'	1970	0.34	Marine turtle.

Source: Department of Forest.

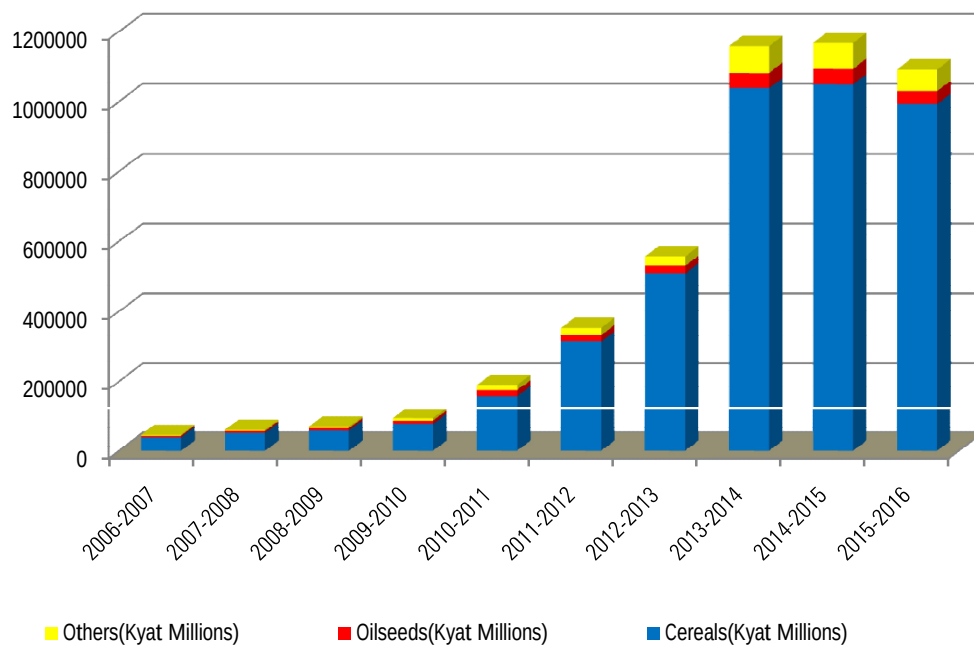
II . AGRICULTURAL INPUTS

Figure 2.1 PERCENTAGE OF IRRIGATED AREA BY TYPE OF IRRIGATION (2015-2016)

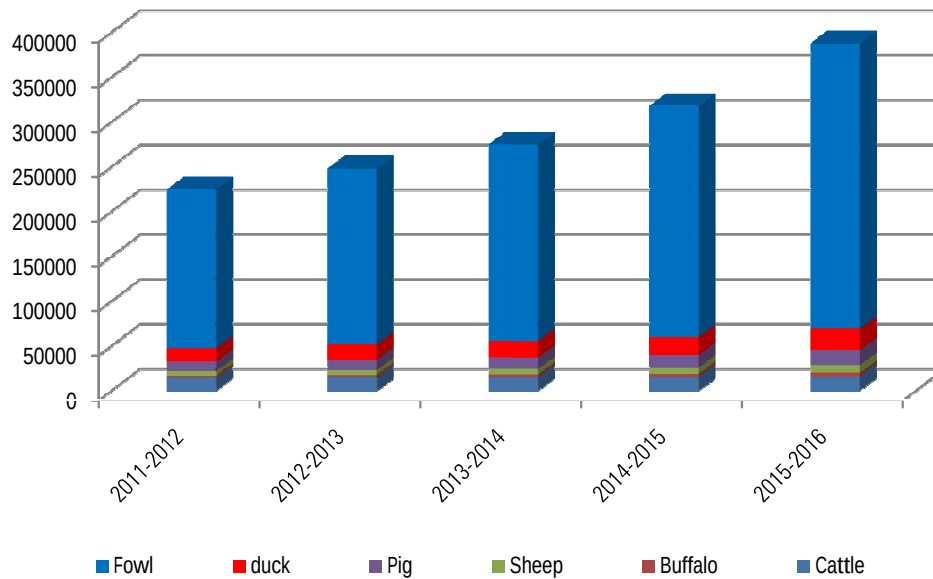


Source: Department of Irrigation and Management of Water Utilization.

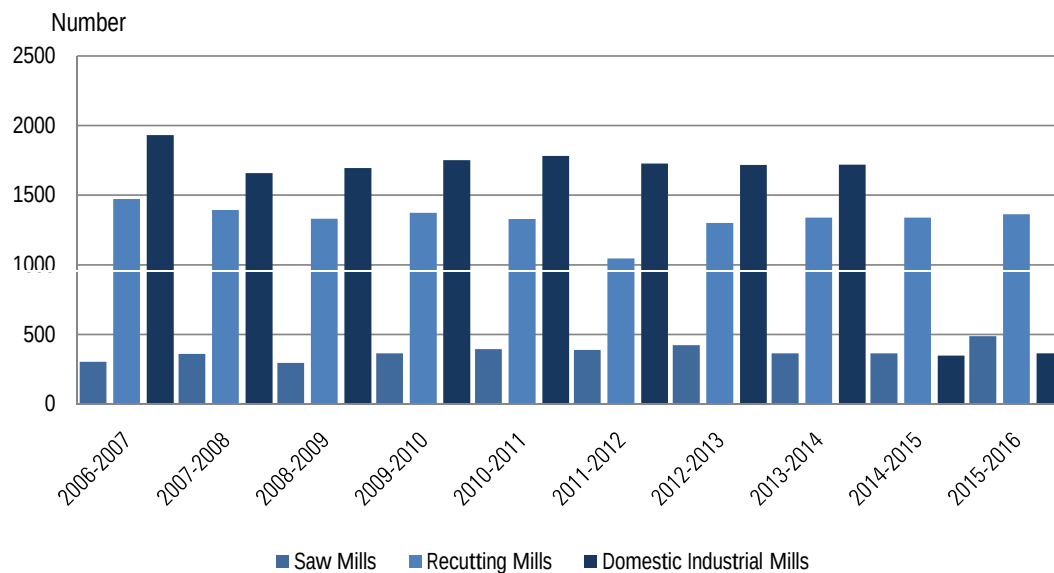
Figure 2.2 AGRICULTURAL LOANS BY CROP



Source: Myanmar Agricultural Development Bank.

Figure 2.3 LIVESTOCK BREEDING, 2015 -2016 (Thousand Number)

Sources: Ministry of Agriculture, Livestock and Irrigation. Office of the Ministry of Defence.
Prision Department.

Figure 2.4 SAW MILLS BY STATES AND REGIONS

Source: Ministry of Natural Resources and Environmental Conservation.

Table 2.01 Irrigated Area by Type of Irrigation

(Thousand Acres)

Period (1)	Irrigated Area		Government Irrigation				Private Irrigation				Wells		Other Sources	
			Canals		Tanks		Canals		Tanks					
	Acreage (2)	% (3)	Acreage (4)	% (5)	Acreage (6)	% (7)	Acreage (8)	% (9)	Acreage (10)	% (11)	Acreage (12)	% (13)	Acreage (14)	% (15)
2006 - 2007	5545	100.0	1053	19.0	719	13.0	660	12.0	96	1.7	297	5.3	2720	49.0
2007 - 2008	5561	100.0	980	17.6	675	12.1	651	11.7	128	2.3	359	6.5	2768	49.8
2008 - 2009	5621	100.0	984	17.5	685	12.2	656	11.7	109	1.9	341	6.1	2846	50.6
2009 - 2010	5755	100.0	995	17.3	648	11.2	672	11.7	107	1.9	373	6.4	2960	51.5
2010 - 2011	5663	100.0	978	17.3	580	10.2	634	11.2	101	1.8	380	6.7	2990	52.8
2011 - 2012	5234	100.0	979	18.7	553	10.6	623	11.9	77	1.5	348	6.6	2654	50.7
2012 - 2013	5226	100.0	999	19.1	520	10.0	606	11.6	66	1.3	366	7.0	2669	51.0
2013 - 2014	5271	100.0	997	18.9	526	10.0	610	11.6	69	1.3	373	7.1	2696	51.1
2014 - 2015	5363	100.0	928	17.3	575	10.7	599	11.2	64	1.2	383	7.1	2813	52.5
2015 - 2016	5280	100.0	921	17.4	496	9.4	609	11.5	57	1.1	371	7.0	2825	54.5

Source : Department of Agricultural Land Management and Statistics.

Table 2.02 Irrigable and Flood Protection Areas

(Thousand Acres)

Period (1)	Irrigable Area						Flood Protection					
	Weir		Tank		Total		Embankments		Drainage Work		Total	
	No. (2)	Area (3)	No. (4)	Area (5)	No. (6)	Area (7)	No. (8)	Area (9)	No. (10)	Area (11)	No. (12)	Area (13)
2006 - 2007	159	1487	208	1785	367	3272	208	2904	190	739	398	3643
2007 - 2008	165	1493	216	1801	381	3294	214	2803	208	881	422	3684
2008 - 2009	167	1499	226	1793	393	3292	214	2803	208	880	422	3683
2009 - 2010	169	1473	235	1939	404	3412	215	2809	209	859	424	3668
2010 - 2011	170	1507	242	1950	412	3457	215	2809	209	858	424	3667
2011 - 2012	174	1482	247	1912	421	3394	234	2815	209	860	443	3675
2012 - 2013	169	1375	247	1874	416	3249	228	2804	214	860	442	3664
2013 - 2014	171	1388	256	1914	427	3302	223	2804	236	902	459	3706
2014 - 2015	192	1433	261	1862	453	3295	231	2804	239	894	470	3698
2015 - 2016	212	1351	269	1649	481	3000	225	2804	235	892	460	3696

Source: Department of Irrigation and Management of Water Utilization.

Table 2.03 Irrigable and Flood Protection Areas by States and Regions(2015-2016)

(Acres)

States and Regions (1)	Irrigable Area						Flood Protection					
	Weir		Tank		Total		Embankments		Drainage Work		Total	
	No. (2)	Area (3)	No. (4)	Area (5)	No. (6)	Area (7)	No. (8)	Area (9)	No. (10)	Area (11)	No. (12)	Area (13)
Union	212	1350676	269	1649040	481	2999716	225	2804151	235	891894	460	3696045
1. Kachin State	5	21776	-	-	5	21776	-	-	-	-	-	-
2. Kayah State	10	13656	5	30965	15	44621	-	-	1	13532	1	13532
3. Kayin State	6	388	4	2328	10	2716	2	2372	14	13236	16	15608
4. Chin State	-	-	1	243	1	243	-	-	-	-	-	-
5. Sagaing Region	15	485121	32	152769	47	637890	6	42146	1	6965	7	49111
6. Tanintharyi Region	19	2331	-	-	19	2331	14	11400	-	-	14	11400
7. Bago Region	55	239365	37	579778	92	819143	39	515907	41	307949	80	823856
8. Magway Region	12	217519	51	109060	63	326579	-	-	-	-	-	-
9. Mandalay Region	24	109932	95	588810	119	698742	7	22605	20	53583	27	76188
10. Mon State	17	66663	6	20885	23	87548	18	20536	55	108709	73	129245
11. Rakhaing State	-	-	11	6235	11	6235	32	79584	-	-	32	79584
12. Yangon Region	11	110849	9	81269	20	192118	43	293573	85	350050	128	643623
13. Shan State	29	43925	12	15943	41	59868	-	-	-	-	-	-
14. Ayeyarwady Region	9	39151	6	60755	15	99906	64	1816028	18	37870	82	1853898

Source: Department of Irrigation and Management of Water Utilization.

Table 2.04 Irrigable Area and Multiple Cropping in Irrigated Area

(Thousand Acres)

Period	Net Area Sown	Irrigated Area	Multiple Crop Irrigated Area	Percentage of Irrigated Area	Percentage of Multiple Crop Irrigated Area
(1)	(2)	(3)	(4)	(5 = 3/2)	(6 = 4/3)
2006 - 2007	31165	5545	1738	17.8	31.3
2007 - 2008	32677	5561	1521	17.0	27.3
2008 - 2009	33332	5621	1348	16.9	24.0
2009 - 2010	33716	5755	1532	17.1	17.1
2010 - 2011	33971	5663	1537	16.7	16.7
2011 - 2012	33561	5234	1414	15.6	15.6
2012 - 2013	32862	5226	1149	15.9	15.9
2013 - 2014	32768	5271	1382	16.1	16.1
2014 - 2015	33014	5363	1225	16.2	16.2
2015 - 2016	33016	5280	1338	16.0	25.3

Note: Net area sown is inclusive of squatter.

Source: Department of Irrigation and Management of Water Utilization.

Table 2.05 Irrigable Area and Multiple Cropping in Irrigated Area by States and Regions (2015-2016)

(Thousand Acres)

States and Regions	Net Area Sown	Irrigated Area	Multiple Crop Irrigated Area	Percentage of Irrigated Area	Percentage of Multiple Crop Irrigated Area
(1)	(2)	(3)	(4)	(5 = 3/2)	(6 = 4/3)
Union	33016	5280	1338	16.0	25.3
1 . Nay Pyi Taw	350	94	12	27	13
2 . Kachin State	879	107	38	12	36
3 . Kayah State	218	47	15	22	32
4 . Kayin State	1423	77	30	5	39
5 . Chin State	206	26	10	13	38
6 . Sagaing Region	5251	1110	560	21	50
7 . Tanintharyi Region	1413	12	-	1	-
8 . Bago Region	3742	338	6	9	2
9 . Magway Region	3280	430	221	13	51
10 . Mandalay Region	3325	506	189	15	37
11 . Mon State	1593	71	-	4	-
12 . Rakhine State	1326	75	-	6	-
13 . Yangon Region	1544	225	-	15	-
14 . Shan State	3194	533	250	17	47
15 . Ayeyarwady Region	5272	1629	7	31	1

Note: Net area sown is inclusive of squatter.

Source : Department of Agricultural Land Management and Statistics.

Table 2.06 Area of Selected Crops Under Irrigation

(Thousand Acres)

Period	Total Irrigated Area	Paddy	Wheat	Maize	Ground - nut	Sesa- mum	Pulses	Sugar- cane	Other Food Crops	Cotton	Jute	Other non-food Crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2006 - 2007	7332.29	5424.72	68.90	87.31	53.79	186.08	465.17	25.67	864.90	35.67	25.38	94.70
2007 - 2008	7122.57	5453.48	79.35	89.41	58.67	194.04	223.98	25.13	886.55	31.79	12.72	67.45
2008 - 2009	7020.55	5323.18	78.14	94.56	61.44	176.83	236.13	24.92	923.15	31.51	6.12	64.57
2009 - 2010	7337.02	5545.69	84.37	103.87	66.57	184.48	260.68	25.93	968.20	26.90	6.85	63.48
2010 - 2011	7249.47	5402.30	88.02	115.33	72.06	178.61	274.03	26.68	1002.82	20.37	6.12	63.13
2011 - 2012	6681.78	4927.12	84.63	107.39	72.86	160.78	248.82	26.29	972.19	22.03	4.71	54.96
2012 - 2013	6419.25	4618.81	91.77	126.98	72.53	156.73	255.56	30.89	1001.55	18.14	0.57	45.72
2013 - 2014	6695.86	4805.28	94.44	144.59	79.79	209.92	281.36	27.71	1004.57	7.81	*	40.39
2014 - 2015	6626.09	4632.88	92.78	140.91	77.98	281.61	287.51	29.31	1017.83	23.36	*	41.92
2015 - 2016	6651.84	4640.51	90.10	140.74	86.45	285.66	330.55	28.27	1007.80	4.82	*	36.88

Note: * Less than 0.5

Source : Department of Agricultural Land Management and Statistics.

Table 2.07 Area of Selected Crops Under Irrigation by States and Regions(2015-2016)

(Acres)

States and Regions (1)	Total Irrigated Area (2)	Paddy (3)	Wheat (4)	Maize (5)	Ground- nut (6)	Sesa- mum (7)	Pulses (8)	Sugar- cane (9)	Other food crops (10)	Cotton (11)	Jute (12)	Other non-food crops (13)
Union	6651838	4640516	90100	140738	86451	285666	330559	28267	1007789	4824	39	36889
1 . Nay Pyi Taw	105651	95041	-	-	-	145	18	41	9807	-	-	599
2 . Kachin State	145998	104077	-	797	11341		13386	-	16243	-	-	154
3 . Kayah State	62021	46372	-	75	960	191	3892	-	10312	-	-	219
4 . Kayin State	107225	75062	-	4143	352	2352	2361	1543	20217	-	-	1195
5 . Chin State	36234	25772	-	-	187	-	-	-	10275	-	-	-
6 . Sagaing Region	1693566	1189210	73143	14236	46958	102003	102935	2334	158051	237	-	4459
7 . Tanintharyi Region	11860	2114	-	1765	-	132	46	70	7365	-	-	368
8 . Bago Region	343544	223491	-	8056	22	11918	-	591	94433	-	3	5030
9 . Magway Region	658160	419600	665	1848	9789	92084	58054	13	74319	50	-	1738
10 . Mandalay Region	695562	407644	4722	19275	5029	75530	56564	372	114646	4537	-	7243
11 . Mon State	71552	28804	-	1974	-	9	25	171	39224	-	-	1345
12 . Rakhine State	75273	16807	-	642	-	-	148	-	57397	-	-	279
13 . Yangon Region	224902	173352	-	761	-	121	-	959	43692	-	-	6017
14 . Shan State	783711	516726	11570	7248	11486	368	67258	20100	146667	-	-	2288
15 Ayeyarwady Region	1636579	1316444	-	79918	327	813	25872	2073	205141	-	36	5955

Source : Department of Agricultural Land Management and Statistics.

Table 2.08 Protection Area for Weir

(Thousand Acres)

Period (1)	Total		Government		Private	
	Protect Area (2)	Net Area Sown (3)	Protect Area (4)	Net Area Sown (5)	Protect Area (6)	Net Area Sown (7)
2006-2007	3114	2554	2712	2211	402	343
2007-2008	3115	2574	2711	2228	404	346
2008-2009	3116	2582	2712	2233	404	349
2009-2010	3117	2587	2712	2236	405	351
2010 - 2011	3117	2586	2712	2235	405	351
2011 - 2012	3112	2577	2706	2236	406	341
2012 - 2013	3111	2582	2707	2243	404	339
2013 - 2014	3110	2570	2707	2241	403	329
2014 - 2015	3110	2571	2707	2242	403	329
2015 - 2016	3111	2569	2706	2238	405	331

Source : Department of Agricultural Land Management and Statistics.

Table 2.09 Protection Area for Weir by States and Regions (2015 -2016)

States and Regions (1)	Total		Government		Private	
	Protect Area	Net Area Sown	Protect Area	Net Area Sown	Protect Area	Net Area Sown
	(2)	(3)	(4)	(5)	(6)	(7)
Union	3111358	2568703	2705869	2237574	405489	331129
1. Nay Pyi Taw	6566	4897	6566	4897	-	-
2 . Kachin State	5885	4386	-	-	5885	4386
3 . Kayah State	-	-	-	-	-	-
4 . Kayin State	14460	10689	14460	10689	-	-
5 . Chin State	-	-	-	-	-	-
6 . Sagaing Region	35342	34218	28480	27356	6862	6862
7 . Tanintharyi Region	59886	41438	11711	8733	48175	32705
8 . Bago Region	490487	401096	471451	383211	19036	17885
9 . Magway Region	2130	1394	1300	587	830	807
10. Mandalay Region	-	-	-	-	-	-
11 . Mon State	70185	64807	30216	26434	39969	38373
12 . Rakhine State	244812	174539	79256	45610	165556	128929
13 . Yangon Region	371211	323094	338044	294403	33167	28691
14 . Shan State	1247	1017	581	387	666	630
15 . Ayeyarwady Region	1809147	1507128	1723804	1435267	85343	71861

Source : Department of Agricultural Land Management and Statistics.

Table 2.10 Area of Selected Crops under Weir

(Thousand Acres)

Period	Total	Paddy	Wheat	Maize	Ground -nut	Sesam -um	Pulses	Sugar -cane	Other food Crops	Cotton	Jute	Other non-food Crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2006-2007	3931	2539	11	25	30	21	982	1	239	-	13	70
2007-2008	4142	2552	13	32	31	22	1080	1	345	-	4	62
2008-2009	4198	2568	15	32	34	20	1069	1	392	-	3	64
2009-2010	4233	2573	15	33	36	21	1088	1	402	-	2	62
2010-2011	4240	2572	16	35	35	22	1090	1	405	-	3	61
2011-2012	4036	2540	16	28	27	20	1074	1	269	-	4	57
2012-2013	3946	2567	12	29	29	23	1049	1	182	-	1	53
2013-2014	3929	2560	13	31	28	22	1052	1	168	-	*	54
2014-2015	3937	2564	13	30	29	23	1065	1	158	-	*	54
2015-2016	3934	2557	9	31	28	19	1087	1	147	-	*	55

Note: * Less than 0.6

Source : Department of Agricultural Land Management and Statistics.

Table 2.11 Area of Selected Crops under Weir by States and Regions(2015-2016)

(Acres)												
States and Regions	Total	Paddy	Wheat	Maize	Ground -nut	Sesam -um	Pulses	Sugar - cane	Other food Crops	Cotton	Jute	Other non- food Crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Union	3933509	2557355	8852	30601	28466	18598	1087245	1064	146751	-	13	54564
1. Nay Pyi Taw	8887	4897	-	812	160	391	2612	-	15	-	-	-
2. Kachin State	4386	4386	-	-	-	-	-	-	-	-	-	-
3. Kayah State	-	-	-	-	-	-	-	-	-	-	-	-
4. Kayin State	13724	7985	-	390	1101	25	2497	-	1726	-	-	-
5. Chin State	-	-	-	-	-	-	-	-	-	-	-	-
6. Sagaing Region	75577	20864	8852	3509	5965	4907	22062	80	8666	-	-	672
7. Tanintharyi Region	41438	40557	-	-	-	-	-	-	76	-	-	805
8. Bago Region	679680	400674	-	4519	8483	11418	241091	148	6881	-	2	6464
9. Magway Region	2043	1350	-	117	37	32	456	-	44	-	-	7
10. Mandalay Region	-	-	-	-	-	-	-	-	-	-	-	-
11. Mon State	74352	65565	-	39	1668	-	3711	-	3294	-	-	75
12. Rakhine State	175286	174264	-	10	455	-	122	-	282	-	-	153
13. Yangon Region	418109	326511	-	299	1460	7	83824	128	4464	-	7	1409
14. Shan State	1426	1017	-	-	-	-	352		57	-	-	-
15. Ayeyarwady Region	2438601	1509285	-	20906	9137	1818	730518	708	121246	-	4	44979

Source : Department of Agricultural Land Management and Statistics.

Table 2.12 Distribution of Quality Seeds

S.N. (1)	Particulars (2)	Unit (3)	2006-07 (4)	2007-08 (5)	2008-09 (6)	2009-10 (7)	2010-11 (8)	2011-12 (9)	2012-13 (10)	2013-14 (11)	2014-15 (12)	2015-16 (13)
1	Paddy	Thousand Basket	79	102	105	120	277	168	111	104	955	910
2	Wheat	Basket	245	390	135	54	284	210	-	-	-	-
3	Maize	Basket	1668	1687	1390	2710	3220	3910	2115	1192	2323	2890
4	Sorghum	Basket	34	22	40	50	146	190	70	64	-	420
5	Pulses											
	1.Matpe (Black gram)	Basket	1354	1283	385	1950	1196	2500	1416	1494	2183	1274
	2.Pedisein (Green gram)	Basket	58	223	92	135	266	1020	522	617	1129	1210
	3.Butter bean	Basket	43	-	35	22	20	150	56	90	163	138
	4.Gram (Chick pea)	Basket	381	370	215	320	603	950	513	1489	1563	1023
	5.Pesingon (Pigeon pea)	Basket	610	627	400	598	675	2100	966	2526	4401	4910
	6.Soy bean	Basket	-	-	-	-	-	-	100	16	74	70
	7.Pe-Ya-Za(Lentil)	Basket	-	-	-	-	-	-	60	180	-	-
6	Groundnut	Basket	-	249	45	335	120	150	482	643	1560	1965
7	Sesamum	Basket	769	398	252	275	484	2150	443	825	893	1186
8	Sunflower	Basket	124	610	165	305	394	2200	1300	1234	1353	1963
9	Nigar	Basket	361	220	200	220	334	500	185	215	415	430
10	Mustard	Basket	-	15	20	40	-	-	-	100	20	-
11	Cotton seeds	Thousand Viss	514	618	528	626	574	465	18	72	63	36
12	Jute seeds	Basket	450	400	772	735	750	1000	22	17	15	67
13	Kenaf Seeds	Basket	-	-	-	-	-	-	208	406	121	542
14	Sugarcane	Ton	79724	80044	97158	125171	135012	145692	3905	3365	3334	9831
15	Rubber Sapling	Thousand Nos.	590	486	351	179	276	110	155	115	115	95
16	Rubber seeds	Thousand Nos.	-	-	-	-	-	-	963	898	606	125
17	Mulberry Sapling	Thousand Nos.	2157	2347	1022	756	786	770	80	80	10	-
18	Coffee Sapling	Thousand Nos.	280	220	152	314	445	285	200	254	351	2670
19	Tea Sapling	Thousand Nos.	-	-	-	-	-	-	-	-	-	-
20	Vegetable Seeds	Pound	2478	1634	1500	4594	69	174	266	619	395	587
21	Food Trees Sapling	Thousand Nos.	470	378	312	290	127	190	80	132	98	143
22	Palm Oil Sapling	Thousand Nos.	-	-	-	-	-	111	1229	397	2241	-

Source: Department of Agriculture.

Table 2.13 Pesticides Utilized for Plant Protection by Crop

Crop (1)	Unit (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
Total	Pound	45819	1584719	1601701	1619697	5380705	2619267	8239873	2337714	5947372	17616223
	Gallon	33414	518001	621934	660113	1283183	1527083	1121715	1161840	1113634	3160986
1 .Paddy	Pound	27424	1331813	1342174	1352514	1362281	1883762	5970961	1125917	3062964	4026112
	Gallon	15532	366830	413781	438680	595716	732086	129514	133429	292979	450467
2 .Wheat	Pound	-	11751	11839	11905	11993	11177	11344	4590	14325	977473
	Gallon	220	3607	3634	3660	3687	3438	86302	366	2214	159703
3 .Maize	Pound	14062	6482	6548	6614	6680	7562	14710	223486	47295	1010443
	Gallon	550	3607	3651	3685	25774	26484	86305	4838	18314	175803
4 .Groundnut	Pound	540	61156	61774	62545	63427	73039	207554	118556	364540	741687
	Gallon	726	11424	11539	11682	33895	33254	86353	16520	114608	272097
5 .Sesamum	Pound	-	48105	48414	48722	49163	53065	143504	17819	133646	1096794
	Gallon	330	7581	7627	7678	29796	35324	86324	18654	86218	243707
6 .Sunflower	Pound	-	31063	31548	32033	33224	43563	113754	4218	99590	1062736
	Gallon	396	3199	3248	3296	25470	26636	86306	1869	15112	172601
7 .Pulses	Pound	375	6217	6283	6371	1990620	444143	1390484	480133	1734633	2697781
	Gallon	12600	98392	132640	167086	543400	577953	87861	300409	429804	587292
8 .Cotton	Pound	2406	1649	3298	5017	4260	815	-	17855	175890	1139038
	Gallon	2177	1209	1007	862	1033	592	86412	9736	69726	227214
9 .Jute	Pound	-	-	-	-	-	-	-	-	2833	699910
	Gallon	-	-	-	-	-	-	86288	-	1201	158690
10 .Sugarcane	Pound	-	238	1087	2483	957	353	67834	170450	18647	981795
	Gallon	3	7	-	69	269	142	345	2461	5636	163124
11 .Potato	Pound	178	6239	6437	6658	1109234	6305	20440	54680	40909	1004057
	Gallon	110	986	1014	1047	1089	994	86290	3500	1848	159336
12 .Fruits and Vegetables	Pound	-	58687	60451	46077	47906	52228	132174	115650	204163	1167311
	Gallon	550	15146	37650	12160	12641	13783	127097	19054	52647	210136
13 .Others	Pound	834	21319	21848	38758	700960	43255	167114	4359	47937	1011085
	Gallon	220	6013	6143	10208	10413	76397	86318	651004	23327	180816

Source: Department of Agriculture.

Table 2.14 Equipment for Plant Protection

(Number)										
Commodity (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (8)	2013-14 (9)	2014-15 (10)	2015-16 (11)
Total	11936	11629	11405	11186	10865	10219	426	1053004	1437079	1437079
1.Duster (Manual)	1047	1044	1023	997	965	909	-	115535	79839	79839
2.Duster (Power)	21	21	19	16	11	6	-	44776	124	124
3.Sprayer (Manual)	9266	8962	8831	8717	8474	8056	407	868543	1177529	1177529
4.Sprayer (Power)	543	543	515	493	478	425	7	24150	179587	179587
5.Mist blower duster	401	401	387	362	353	302	12	-	-	-
6.Others	658	658	630	601	584	521	-	-	-	-

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

Source: Department of Agriculture.

Table 2.15 Distribution of Tractors by Stations

(Number)

States and Regions (1)	A .T .S		Wheel Tractor				
	No (2)	Location (3)	2011-2012 (4)	2012-2013 (5)	2013-2014 (6)	2014-2015 (7)	2015-2016 (8)
Union		Union	1947	1809	1782	2121	2311
Mandalay Region	63	Amarapura	16	16	10	16	14
	82	Kyaukpadaung	14	14	9	11	8
	81	Kyaukse	18	12	10	16	16
	43	Madaya	16	16	11	9	14
	66	Mahlaing	19	12	8	16	16
	25	Meikhtila	20	20	12	9	16
	6	Myingyan	20	20	13	23	22
	64	Myittha	61	61	61	51	31
	44	Nahtogyi	17	17	10	6	7
	99	Nyaung Oo	16	16	11	13	9
	80	Patheingyi	20	20	12	9	14
	67	Pyawbwe	14	8	8	13	17
	74	Sintgaing	16	13	10	8	18
	23	Tada-Oo	12	12	7	7	11
	26	Thazi	16	13	11	11	10
	60	Wundwin	18	18	18	15	20
	28	Yamethin	15	12	8	13	18
		Total	328	300	229	246	261
Nay Pyi Taw	68	Tatkone	19	18	16	15	18
	84	Pyinmana	20	7	16	25	28
	47	Leiway Mechanized	39	24	27	26	34
		Farm Office	-	-	-	51	54
		Total	78	49	59	117	134
Magway Region	10	Aunglan	18	13	13	13	21
	29	Magway	13	13	12	22	27
	8	Minbu	12	15	15	15	14
	7	Pakokku	15	15	17	23	15
	46	Pwintphyu	20	17	19	29	30
	69	Sinbyukyan	13	12	12	12	16
	71	Taungdwingyi	25	18	18	33	31
		Gant gaw	4	5	4	4	13
		Myothit	-	-	-	-	-
		Total	120	108	110	151	167

Table 2.15 Distribution of Tractors by Stations (Cont'd)

(Number)

States and Regions (1)	A .T .S		Wheel Tractor				
	No (2)	Location (3)	2011-2012 (4)	2012-2013 (5)	2013-2014 (6)	2014-2015 (7)	2015-2016 (8)
Sagaing Region	62	Budalin	14	14	10	11	13
	39	Chaung Oo	11	6	9	9	14
	2	Kalay	17	18	14	14	24
	40	Kanbalu	15	10	10	19	12
	1	Kathar	26	26	17	15	25
	4	Monywa	11	10	15	20	18
	59	Myaung	12	9	9	13	9
	42	Myinmu	14	9	7	11	7
	5	Sagaing	13	9	8	12	10
	22	Salingyi	16	13	13	5	8
	3	Shwebo	18	18	18	25	22
	61	Wetlet	13	10	12	22	21
	21	Ye-Oo	17	14	13	28	14
	41	Yinmabin	14	12	12	11	13
		Tamu	12	5	7	7	10
		Kawlin	7	7	6	6	11
		Total	230	190	180	228	231
Kachin State	90	Bamaw	21	18	15	10	15
	93	Hopin	13	13	13	19	17
	55	Moegaung	19	19	19	10	19
	79	Myitkyina	24	22	22	10	15
		Shweku	16	10	10	11	11
		Moenyin	10	8	8	4	6
		Putao	6	6	6	4	4
		Taning	13	13	13	5	10
		Waingmaw	8	7	7	5	10
		Total	130	116	113	78	107
Shan State	92	Kengtung	18	18	18	23	23
	85	Shwenyaung	42	55	58	60	52
	65	Aungban	20	20	20	20	25
	96	Kyaukme	22	21	23	25	30
	56	Lashio	26	23	28	37	36
		Tachileik	12	12	12	17	14
		Kunlone	6	6	5	5	7
		Minephyat	-	-	-	-	-
		Minesat	-	-	-	-	-
		Nantsan	10	11	15	15	13
		Total	156	166	179	202	200

Table 2.15 Distribution of Tractors by Stations (Cont'd)

(Number)							
States and Regions (1)	A.T.S		Wheel Tractor				
	No (2)	Location (3)	2011-2012 (4)	2012-2013 (5)	2013-2014 (6)	2014-2015 (7)	2015-2016 (8)
Kayah State	86	Loikaw	37	37	37	53	45
		Total	37	37	37	53	45
Kayin State	20	Hpa-an	15	17	20	27	32
		Kotkayeik	5	5	5	5	8
		Total	20	22	25	32	40
Mon State	54	Mawlamyine	12	12	12	21	25
	88	Thaton	13	13	18	24	29
	37	Beelin	19	16	14	24	23
	83	Kyaikhto	17	17	13	13	22
		Chaungsone	-	-	-	-	-
		Ye	-	-	-	-	-
		Total	61	58	57	82	99
Ayeyarwady Region	51	Pathein	14	15	18	28	28
	33	Danubyu	13	17	17	26	26
	15	Hinthada	17	21	21	21	29
	9	Kyaungone	12	12	13	13	18
	97	Laputta	4	5	5	7	12
	19	Maubin	14	14	14	13	18
	53	Mawlamyingunn	13	8	8	8	13
	13	Myanaung	14	14	18	24	24
	38	Myaungmya	13	12	12	12	17
	52	Nyaungdon	16	16	13	13	17
	57	Pantanaw	15	15	14	20	19
	75	kytelat	9	9	9	8	13
	78	Wakema	18	14	14	14	18
	17	Yegyi	10	10	15	23	23
	49	Zalun	11	11	13	12	17
		Eainme	11	10	11	21	19
		Ingapu	12	11	14	14	19
		Laymyaknar	13	12	14	14	18
		Total	229	226	243	291	348
Rakhine State	72	Sittwe	27	27	24	30	33
	89	Kyauktaw	26	28	27	45	49
		Kyaukphyu	5	5	5	5	7
		Total	58	60	56	80	89

Table 2.15 Distribution of Tractors by Stations (Concl'd)

(Number)							
States and Regions (1)	A .T .S		Wheel Tractor				
	No (2)	Location (3)	2011-2012 (4)	2012-2013 (5)	2013-2014 (6)	2014-2015 (7)	2015-2016 (8)
Bago Region	98	Oaktwin	18	15	25	32	39
	16	Oakpho	11	11	13	13	12
	27	Minhla	12	13	13	23	23
	34	Ohn-hne	18	16	14	14	13
	50	Waw	20	15	10	8	12
	12	Nyaunglaybin	16	16	13	23	17
	70	Kyauktaga	10	10	9	11	16
	58	Paukkhaung	19	20	18	18	18
	24	Daik Oo	25	25	23	38	30
	30	Pyay	27	23	23	23	23
	45	Nattalin	15	17	16	16	16
	14	Tharyarwady	17	13	19	26	36
	32	Gyobingauk	16	12	15	25	25
	76	Moenyo	11	12	12	12	12
	11	Taungoo	16	15	35	25	25
	73	Tanatbin	18	12	12	12	20
	31	Payagyi	11	14	14	14	18
	48	Yedashay	25	18	14	14	20
	87	Phyu	26	22	18	20	33
	94	Thegone	26	23	20	20	20
		Total	357	322	336	387	428
Yangon Region	35	Htauk kyant	16	21	21	24	23
	77	Taikkyi	17	17	19	27	26
	18	Thanlyin	31	33	34	39	26
	36	Kawhmu	7	7	7	5	10
		Htantabin	5	5	5	3	8
		Mobine Station	50	55	55	54	42
		Total	126	138	141	152	135
Tanintharyi Region	91	Dawei	10	10	10	15	15
	95	Myeik	7	7	7	7	12
		Boatpyin	-	-	-	-	-
		Total	17	17	17	22	27

Note: A.T.S = Agriculture Tractors Station

Source: Agricultural Mechanization Department.

Table 2.16 Agricultural Machinery and Implements

(Number)										
Particulars (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (8)	2013-14 (9)	2014-15 (10)	2015-16 (11)
I .Production										
1.Power Tiller	5975	5475	3668	4285	4770	4135	4076	310	77	2000
2.Thresher	-	-	60	325	780	1120	290	10	90	100
3.Paddy Reaper	-	-	-	-	-	-	-	-	-	-
4.Dryer	-	-	-	-	-	-	-	-	-	-
II .Distribution										
1.Power Tiller	6643	4610	4367	4144	3515	5089	4819	6111	5222	9074
2.Thresher	-	-	-	357	733	757	614	341	134	75
3.Paddy Reaper	-	82	42	224	148	73	28	9	-	-
4.Dryer	-	-	-	-	-	12	14	19	13	2

Source : Agricultural Mechanization Department.

Table 2.17 Utilization of Farm Machinery

Particulars (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (8)	2013-14 (9)	2014-15 (10)	2015-16 (11)
Tractor (no.)										
AMD	2714	2530	2478	1772	1466	1314	1257	1380	1680	1847
Farmers	6900	8556	8900	9457	10323	10490	11119	11839	14265	18524
Power Tiller (no.)										
AMD	-	-	-	-	-	-	-	-	-	-
Farmers	110530	110024	137217	145548	173132	206263	227489	257971	286097	300247
Mechanized Tillage (000' acre-turn)										
AMD	805	299	347	173	275	291	287	327	484	743
Farmers	5092	4579	6824	8897	10540	14503	14163	18956	17367	20030
Combineharvester(no)										
AMD	-	-	-	-	-	11	11	36	89	131
Farmers	-	-	-	-	20	209	307	668	1680	1972
Power Thresher(no)										
AMD	-	-	-	-	-	-	-	-	-	-
Farmers	15560	18692	20671	24560	25980	41289	48520	55104	61793	61997
Hydro-Tiller										
AMD	-	-	-	-	-	-	-	-	-	-
Farmers	531	664	865	1981	2250	4522	5008	5401	6065	7467
Power Reaper(no)										
AMD	-	-	-	-	-	-	-	-	-	-
Farmers	-	153	287	1208	1501	1569	1939	2116	2513	2551

Source : Agricultural Mechanization Department(AMD).

Table 2.18 Agricultural Loans by Crop

(Kyat Million)

Crop (1)	2006-2007 (2)	2007-2008 (3)	2008-2009 (4)	2009-2010 (5)	2010-2011 (6)
GRAND TOTAL	44875.80	59627.84	68970.07	93489.29	190679.89
I. CEREALS	38692.73	50423.71	58318.72	76769.69	157536.51
1. Paddy	38555.19	50092.96	57917.72	76124.72	156494.46
2. Maize	137.54	330.75	401.00	644.97	1042.05
II. OILSEEDS	3969.78	5630.44	6307.96	9731.07	17508.79
3. Groundnut	1962.23	2205.36	2599.60	3881.83	7101.94
4. Sesamum	1945.74	3360.32	3581.21	5665.10	10059.67
5. Mustard	61.81	64.76	127.15	184.14	347.18
III. FIBRES	248.91	320.59	388.28	534.55	1405.39
6. Cotton	248.91	320.59	388.28	534.55	1405.39
IV. OTHERS	1964.38	3253.10	3955.11	6453.99	14229.20
7. Pulses	1964.38	3253.10	3955.11	6453.99	14229.20
8. Sugarcane	-	-	-	-	-

Table 2.18 Agricultural Loans by Crop (concl'd)

(Kyat Million)

Crop (1)	2011-2012 (7)	2012-2013 (8)	2013-2014 (9)	2014-2015 (10)	2015-2016 (11)
GRAND TOTAL	352721.75	557846.54	1158728.58	1167485.44	1091404.88
I. CEREALS	312697.86	508499.59	1039152.54	1051028.00	994051.10
1. Paddy	311530.22	507130.31	1035840.60	1047681.70	993009.80
2. Maize	1167.64	1369.28	3311.94	3346.30	1041.30
II. OILSEEDS	19452.83	21451.75	43219.68	42345.26	36777.40
3. Groundnut	7623.56	9039.59	17145.10	15867.66	12953.66
4. Sesamum	11400.85	11906.29	24962.32	25205.40	22639.90
5. Mustard	428.42	505.87	1112.26	1272.20	1183.84
III. FIBRES	1599.74	1486.33	2348.44	1780.90	1440.44
6. Cotton	1599.74	1486.33	2348.44	1780.90	1440.44
IV. OTHERS	18971.32	26408.87	74007.92	72331.28	59135.94
7. Pulses	18971.32	26408.87	59674.32	57250.28	51853.14
8. Sugarcane	-	-	14333.60	15081.00	7282.80

Note : Maize is inclusive of Sorghum.

Source : Myanma Agricultural Development Bank.

Table 2.19 Short Term and Long Term Loans to Cultivators

Particulars	Unit	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. PUMP SETS											
Townships	No	9	14	5	12	32	12	-	2	-	-
Borrowers	No	49	113	53	73	142	34	-	12	-	-
Units	No	49	113	53	73	142	34	-	12	-	-
Loans	Kyat (Million)	24 .88	52 .11	18 .46	37 .97	68 .56	19 .24	-	5 .71	-	-
2. POWER TILLERS											
Townships	No	197	201	138	111	150	149	15	9	1	-
Borrowers	No	5870	5111	664	748	2847	2444	57	86	1	-
Units	No	5870	5116	664	748	2847	2444	57	86	1	-
Loans	Kyat (Million)	6802 .89	7008 .01	1085 .51	1179 .03	4770 .45	4195 .73	76 .13	152 .42	1 .50	-
3. SOLAR-SALT PRODUCTION											
Townships	No	3	3	1	1	1	1	1	1	-	-
Borrowers	No	205	233	72	86	107	87	87	86	-	-
Loans	Kyat (Million)	99 .99	159 .73	35 .00	50 .00	60	50	50	50	-	-
4. COFFEE											
Townships	No	5	4	-	-	-	-	1	-	-	-
Borrowers	No	1043	1095	-	-	-	-	1	-	-	-
Acres	No	3059	3891	-	-	-	-	-	-	-	-
Loans	Kyat (Million)	83 .99	135 .52	-	-	-	-	20	-	-	-
5. GREEN TEA											
Townships	No	4	4	-	-	-	-	-	-	-	-
Borrowers	No	198	245	-	-	-	-	-	-	-	-
Acre	No	1532	1634	-	-	-	-	-	-	-	-
Loans	Kyat (Million)	8 .41	13 .51	-	-	-	-	-	-	-	-
6. THRASHERS											
Townships	No	-	6	5	7	9	10	1	-	-	-
Borrowers	No	-	12	9	21	26	33	1	-	-	-
Unit	No	-	12	9	21	26	33	1	-	-	-
Loans	Kyat (Million)	2 .50	23 .50	45 .00	57 .42	51 .72	48 .35	1 .20	-	-	-

Table 2.19 Short Term and Long Term Loans to Cultivators (Concl'd)

Particulars (1)	Unit (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
7. SPECIAL PROJECT											
Townships	No	-	1	1	1	1	1	1	1	1	1
Borrowers	No	1	1	1	1	1	1	1	1	1	1
Loans	Kyat	400 .00	700 .00	1000 .00	1000 .00	1000 .00	1200 .00	3000 .00	3000 .00	3000 .00	3000 .00
(Million)											
8. SUGAR CANE											
Townships	No	4	4	3	3	3	2	29	-	-	-
Borrowers	No	5234	5221	2704	2630	1878	1304	26035	-	-	-
Acre	No	35525	36729	21510	22200	15144	10285	92230	-	-	-
Loans	Kyat	213 .15	220 .37	129 .06	133 .20	151 .44	102 .85	9223 .00	-	-	-
(Million)											
9. OIL PALM											
Townships	No	1	-	-	-	-	-	-	-	-	-
Borrowers	No	2	1	1	-	-	-	-	-	-	-
Acres	No	-	-	-	-	-	-	-	-	-	-
Loans	Kyat	221 .60	100 .00	200 .00	-	-	-	-	-	-	-
(Million)											
10. GREEN TEA PROCESSING											
Townships	No	4	4	4	5	5	5	5	6	5	6
Borrowers	No	909	1615	2667	2428	3573	4246	4347	4159	3197	3118
Acres	No	8600	15978	25527	31900	35310	40000	41320	39165	31240	30753
Loans	Kyat	86 .00	159 .78	255 .27	319 .00	706 .20	800 .00	826 .40	783 .30	624 .80	615 .06
(Million)											
11. ENGINE											
Townships	No	-	60	55	42	75	52	6	1	-	-
Borrowers	No	-	1695	387	351	787	689	59	1	-	-
Items	No	-	1695	387	351	787	689	59	1	-	-
Loans	Kyat	-	482 .67	111 .17	100 .89	239 .96	188 .93	9 90	0 .45	-	-
(Million)											

Source : Myanmar Agricultural Development Bank.

Table 2.20 Livestock Breeding

(Thousand Number)

S.N	Livestock Breeding	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Total										
	State	2877	3279	2599	3155	2820	3738	1645	1296	15236	23628
	Private	129308	144920	162501	177337	198490	221844	247555	274737	304021	365703
	Co-operative	630	577	744	1013	985	1118	1304	1443	1646	1853
1	Cattle										
	State	17	17	18	17	18	36	16	17	20	19
	Private	12364	12633	12929	13148	13567	14024	14511	14993	15481	16507
	Co-operative	12	14	17	20	24	28	32	36	42	48
2	Buffalo										
	State	3	3	3	4	3	6	3	3	3	3
	Private	2770	2842	2924	2871	2974	3091	3208	3318	3423	3638
	Co-operative	-	-	-	-	-	-	-	-	-	-
3	Sheep & Goat										
	State	30	27	29	35	33	69	31	39	38	37
	Private	2591	2848	3149	3508	3975	4550	5239	5981	6778	8586
	Co-operative	40	47	55	66	76	87	100	104	129	147
4	Pig										
	State	101	94	89	98	90	108	68	43	39	47
	Private	6293	6954	7677	8316	9254	10305	11432	12567	13761	16342
	Co-operative	38	44	51	82	72	84	100	115	132	152
5	Fowl										
	State	2581	3006	2341	2874	2553	3314	1363	1083	15009	23432
	Private	93736	107143	122038	135233	153047	172613	194223	217115	241861	293603
	Co-operative	530	465	614	831	807	912	1055	1179	1324	1495
6	Duck										
	State	137	123	116	124	115	205	148	101	107	79
	Private	10098	11107	12248	12700	13930	15295	16776	18332	20002	23572
	Co-operative	4	4	4	11	6	7	17	9	19	11
7	Turkey, Geese, Muscovy Duck										
	State	8	9	3	3	8	-	16	10	20	11
	Private	1456	1393	1536	1561	1743	1966	2166	2431	2715	3455
	Co-operative	6	3	3	3	-	-	-	-	-	-

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

Table 2.21 Artificial Insemination of Cow by States and Regions

(Number)											
S.N (1)	States and Regions (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
	Total	5228	5879	6381	6703	5984	4951	5551	30821	32728	28910
1	Nay Pyi Taw	-	-	-	-	-	-	209	1957	2222	1404
2	Kachin State	-	-	-	-	-	-	-	99	112	60
3	Kayah State	-	-	-	-	-	-	-	150	166	74
4	Kayin State	-	-	-	-	-	-	-	156	253	287
5	Chin State	-	-	-	-	-	-	-	121	109	112
6	Sagaing Region	254	338	374	403	240	125	117	2015	1930	1174
7	Tanintharyi Region	-	-	-	-	-	-	-	255	184	187
8	Bago Region	273	345	370	491	511	629	535	2253	4882	4821
9	Magway Region	84	-	-	-	-	-	-	1856	1484	448
10	Mandalay Region	2051	2201	2240	2867	2458	2043	2044	9705	6395	2681
11	Mon State	194	288	341	345	495	461	438	1026	1347	2030
12	Rakhine State	-	-	-	-	-	-	-	89	176	151
13	Yangon Region	2372	2707	3056	2597	2280	1693	2208	9711	12084	14735
14	Shan State	-	-	-	-	-	-	-	659	511	295
15	Ayeyarwady Region	-	-	-	-	-	-	-	769	873	451

Source: Livestock Breeding and Veterinary Department.

Table 2.22 Animal Population Raised in State Farms

(Number)

S.N (1)	Animal (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
1	Milk Cow	288	215	138	219	219	237	231	-	-	-
2	Pig	28427	29360	32536	30922	36006	37153	28881	9264	1088	-
3	Fowl	158054	219291	243508	213856	143265	101604	15097	-	-	-
4	Duck	46584	39344	36989	33369	33620	35310	38976	14547	52227	29990

Source: Livestock Breeding and Veterinary Department.

Table 2.23 Numbers of Bee Colonies

(Number)

S.N (1)	Bee Colonies (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
	Total	21000	27000	36000	49085	56500	65840	73398	79356	120226	138176
1	State	6000	6000	6000	8050	8150	8250	8350	6000	6000	6200
2	Private	15000	21000	30000	41035	48350	57590	65048	73356	114226	131976

Source: Livestock Breeding and Veterinary Department.

Table 2.24 Bee Pollination Services by Honey bees

(Acres)

S.N (1)	Bee Pollination (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
	Total	335100	340140	342150	446280	588840	675280	737380	801300	1094808	1325646
1	State	106200	100140	71600	85480	96600	98500	99000	97850	97390	79945
2	Private	228900	240000	270550	360800	492240	576780	638380	703450	997418	1245701

Source: Livestock Breeding and Veterinary Department.

Table 2.25 Animal Feed Requirements

(Thousand Metric Ton)

S.N (1)	Particulars (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
1	Straw	16662	17037	17454	17545	18117	18738	19406	19321	20812	21385
2	Paddy	59	61	63	63	65	68	72	61	79	83
3	Broken rice	4852	5266	5722	7516	8462	9717	11123	10458	13305	14183
4	Bran	1159	1237	1323	1364	1436	1544	1645	1333	1739	1594
5	Cow bran	1982	2187	2411	2542	2822	3137	3478	3587	4273	4567
6	Prawn dust	543	617	700	931	998	1103	1194	908	1384	1011
7	Maize	190	213	240	249	279	326	371	298	486	347
8	Oil cake	1084	1166	1256	1773	1878	2019	2159	1987	2471	2289
9	Chick pea and Pigeon pea bran	77	84	93	104	118	135	156	191	223	226
10	Salt	279	298	318	313	333	340	363	365	416	424

Source: Livestock Breeding and Veterinary Department.

Table 2.26 Dosages of Vaccination and Treatment

(Thousand Number)											
S.N (1)	Particular (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
Dosages of Vaccination											
	Cattle	6272	6433	6440	6514	6527	7892	8808	7571	7100	7366
1	Foot and Mouth Disease	65	15	29	64	34	62	70	281	194	154
2	Haemorrhagic Disease	2606	2728	2743	2761	2932	3531	3885	3287	3096	3204
3	Anthrax Disease	2250	2301	2260	2274	2136	2579	2909	2253	2122	2213
4	Septicaemia Disease	1351	1389	1408	1415	1425	1720	1944	1750	1688	1795
	Pig	672	688	705	752	753	807	832	848	815	855
1	Swine Fever Disease	650	688	705	752	753	807	832	848	753	850
2	Swine Pasteurellosis Disease	22	-	-	-	-	-	-	-	62	5
	Fowl	100006	108994	109245	41310	121782	125729	34651	25832	31645	25614
1	Avian Pasteurellosis Disease	8112	8373	8529	4818	9057	9185	4332	3667	3764	3421
2	New Castle Disease (CF + K + I ₂)	87593	96987	97480	33361	108031	107908	25883	18255	24429	20250
3	Pox	735	785	875	819	1179	1092	1166	930	993	594
4	Gumboro (Injectious Barsal Disease)	2557	1939	2361	2312	3515	7544	3270	2980	2459	1349
5	Infectious Bronchities	1009	910	-	-	-	-	-	-	-	-
Dosages of Treatment											
1	Cattle	515	563	597	611	699	701	756	793	873	917
2	Pig	679	715	754	764	830	860	930	929	1024	1069
3	Fowl	1594	1614	1934	2119	2458	2239	2438	2099	2651	2336
	Total	2788	2892	3285	3494	3987	3800	4124	3821	4548	4322

Source : Livestock Breeding and Veterinary Department.

Table 2.27 Saw Mills by States and Regions

(Number)							
S.N	States and Regions	Mills	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Union	Saw Mills	304	361	296	364	388
		Recutting Mills	1473	1393	1331	1374	1328
		Domestic Industrial Mills	1931	1658	1694	1751	1782
1	Nay Pyi Taw	Saw Mills	-	-	-	-	-
		Recutting Mills	-	-	-	-	-
		Domestic Industrial Mills	-	-	-	-	-
2	Kachin State	Saw Mills	2	4	3	3	2
		Recutting Mills	142	130	128	131	130
		Domestic Industrial Mills	37	27	28	30	30
3	Kayah State	Saw Mills	1	2	1	2	3
		Recutting Mills	26	25	26	26	26
		Domestic Industrial Mills	8	7	8	24	31
4	Kayin State	Saw Mills	4	4	4	4	1
		Recutting Mills	42	38	41	41	41
		Domestic Industrial Mills	48	44	59	59	58
5	Chin State	Saw Mills	-	-	-	-	-
		Recutting Mills	1	-	-	-	-
		Domestic Industrial Mills	-	-	-	-	-
6	Sagaing Region	Saw Mills	31	36	33	33	63
		Recutting Mills	136	142	127	139	78
		Domestic Industrial Mills	171	160	124	124	115
7	Tanintharyi Region	Saw Mills	1	7	6	9	8
		Recutting Mills	65	63	59	62	62
		Domestic Industrial Mills	104	102	79	77	64
8	Bago Region	Saw Mills	59	60	48	60	62
		Recutting Mills	107	84	85	83	102
		Domestic Industrial Mills	225	133	180	153	205
9	Magway Region	Saw Mills	20	23	20	24	24
		Recutting Mills	68	67	65	68	68
		Domestic Industrial Mills	69	64	61	61	64
10	Mandalay Region	Saw Mills	28	64	28	62	61
		Recutting Mills	300	290	273	278	279
		Domestic Industrial Mills	252	199	212	177	175
11	Mon State	Saw Mills	4	4	4	3	3
		Recutting Mills	70	67	71	68	67
		Domestic Industrial Mills	168	158	224	222	231
12	Rakhine State	Saw Mills	6	6	6	6	7
		Recutting Mills	67	67	60	61	62
		Domestic Industrial Mills	70	70	52	53	53
13	Yangon Region	Saw Mills	105	106	109	114	112
		Recutting Mills	338	331	326	322	318
		Domestic Industrial Mills	452	442	419	412	401
14	Shan State	Saw Mills	19	20	15	19	20
		Recutting Mills	77	75	55	60	61
		Domestic Industrial Mills	133	153	132	135	138
15	Ayeyarwady Region	Saw Mills	24	25	19	25	22
		Recutting Mills	34	14	15	35	34
		Domestic Industrial Mills	194	99	116	224	217

Table 2.27 Saw Mills by States and Regions (Concl'd)

							(Number)
S.N	States and Regions	Mills	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016(p.a)
(1)	(2)	(3)	(9)	(10)	(11)	(12)	(13)
	Union	Saw Mills	389	423	364	364	487
		Recutting Mills	1045	1300	1340	1340	1363
		Domestic Industrial Mills	1727	1717	1720	348	365
1	Nay Pyi Taw	Saw Mills	-	-	16	5	17
		Recutting Mills	-	-	22	-	29
		Domestic Industrial Mills	-	-	14	-	6
2	Kachin State	Saw Mills	4	4	1	1	2
		Recutting Mills	132	129	128	128	123
		Domestic Industrial Mills	28	27	29	-	-
3	Kayah State	Saw Mills	3	3	3	3	4
		Recutting Mills	29	29	29	29	29
		Domestic Industrial Mills	32	32	17	7	7
4	Kayin State	Saw Mills	1	2	1	1	1
		Recutting Mills	39	41	44	44	44
		Domestic Industrial Mills	66	58	60	35	35
5	Chin State	Saw Mills	-	-	-	-	-
		Recutting Mills	-	-	-	-	3
		Domestic Industrial Mills	-	-	-	-	-
6	Sagaing Region	Saw Mills	64	79	68	68	85
		Recutting Mills	65	73	123	123	119
		Domestic Industrial Mills	95	94	148	-	-
7	Tanintharyi Region	Saw Mills	10	8	9	9	11
		Recutting Mills	62	60	62	62	68
		Domestic Industrial Mills	26	60	73	26	26
8	Bago Region	Saw Mills	52	63	55	55	51
		Recutting Mills	103	100	101	101	109
		Domestic Industrial Mills	201	201	205	72	81
9	Magway Region	Saw Mills	24	24	22	22	22
		Recutting Mills	74	74	75	75	78
		Domestic Industrial Mills	73	76	76	19	28
10	Mandalay Region	Saw Mills	66	67	37	48	93
		Recutting Mills	277	274	249	271	231
		Domestic Industrial Mills	177	179	168	41	26
11	Mon State	Saw Mills	3	2	2	2	3
		Recutting Mills	69	68	67	67	70
		Domestic Industrial Mills	236	232	227	18	21
12	Rakhine State	Saw Mills	7	6	6	6	10
		Recutting Mills	61	60	56	56	61
		Domestic Industrial Mills	57	53	51	4	-
13	Yangon Region	Saw Mills	113	122	112	112	153
		Recutting Mills	39	299	289	289	300
		Domestic Industrial Mills	391	385	379	101	109
14	Shan State	Saw Mills	20	20	17	17	23
		Recutting Mills	60	56	61	61	61
		Domestic Industrial Mills	129	120	89	4	5
15	Ayeyarwady Region	Saw Mills	22	23	15	15	12
		Recutting Mills	35	37	34	34	38
		Domestic Industrial Mills	216	200	184	21	21

Note: Domestic industrial mills refer to those producing
Furniture and other semi-finished products

Sources: 1. Myanma Timber Enterprise.
2. Forest Department.

Table 2.28 Number of Working Elephants used in Timber Extraction by States and Regions

												(Number)
S.N	States and Regions	Owner-ship	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Union	Total	2728	2761	2749	2794	2866	2651	2650	2157	2280	1315
		State	1781	1814	1802	1820	1645	1857	1839	1828	2280	1315
		Private	947	947	947	974	1221	794	811	329	-	-
1	Nay Pyi Taw	Total	-	-	-	-	-	-	-	-	122	43
		State	-	-	-	-	-	-	-	-	122	43
		Private	-	-	-	-	-	-	-	-	-	-
2	Kachin State	Total	121	121	118	113	112	84	82	91	66	84
		State	49	49	46	43	42	44	42	51	66	84
		Private	72	72	72	70	70	40	40	40	-	-
3	Kayah State	Total	16	16	16	16	16	10	15	15	-	-
		State	-	-	-	-	-	-	-	-	-	-
		Private	16	16	16	16	16	10	15	15	-	-
4	Kayin State	Total	109	109	109	110	110	73	70	70	-	-
		State	-	-	-	-	-	-	-	-	-	-
		Private	109	109	109	110	110	73	70	70	-	-
5	Chin State	Total	59	59	56	53	52	52	51	51	83	44
		State	59	59	56	53	52	52	51	51	83	44
		Private	-	-	-	-	-	-	-	-	-	-
6	Sagaing Region	Total	730	753	755	767	542	775	770	611	815	455
		State	546	569	571	582	357	580	570	583	815	455
		Private	184	184	184	185	185	195	200	28	-	-
7	Tanintharyi Region	Total	-	-	-	10	10	10	15	15	-	-
		State	-	-	-	-	-	-	-	-	-	-
		Private	-	-	-	10	10	10	15	15	-	-
8	Bago Region	Total	692	682	675	608	628	630	610	372	415	241
		State	400	390	383	328	348	350	340	342	415	241
		Private	292	292	292	280	280	280	270	30	-	-
9	Magway Region	Total	370	375	379	364	366	373	371	364	364	198
		State	357	362	366	354	356	353	350	343	364	198
		Private	13	13	13	10	10	20	21	21	-	-
10	Mandalay Region	Total	200	208	211	222	219	207	210	178	75	46
		State	143	151	154	162	159	157	160	163	75	46
		Private	57	57	57	60	60	50	50	15	-	-
11	Mon State	Total	-	-	-	-	-	-	-	-	-	-
		State	-	-	-	-	-	-	-	-	-	-
		Private	-	-	-	-	-	-	-	-	-	-
12	Rakhine State	Total	37	36	40	51	61	50	50	50	58	53
		State	37	36	40	51	61	50	50	50	58	53
		Private	-	-	-	-	-	-	-	-	-	-
13	Yangon Region	Total	-	-	-	-	-	-	-	-	-	-
		State	-	-	-	-	-	-	-	-	-	-
		Private	-	-	-	-	-	-	-	-	-	-
14	Shan State	Total	236	236	239	249	360	186	202	140	106	62
		State	68	68	71	84	111	112	117	90	106	62
		Private	168	168	168	165	249	74	85	50	-	-
15	Ayeyarwady Region	Total	158	166	151	231	390	201	204	200	176	89
		State	122	130	115	163	159	159	159	155	176	89
		Private	36	36	36	68	231	42	45	45	-	-

Source: Myanma Timber Enterprise.

Table 2.29 Forest Operations

S.N (1)	Categories (2)	Unit (3)	2006-2007 (4)	2007-2008 (5)	2008-2009 (6)	2009-2010 (7)	2010-2011 (8)
1	Girdling & GT Marking	Tree	178847	184473	172538	133440	132076
2	SF Marking	Tree	623174	667696	794740	685884	827025
3	Artificial Regeneration	Acre	70000	59060	60011	55200	37065
4	Natural Regeneration	Acre	56830	55630	52025	44985	47445
5	Improvement Felling	Acre	23727	20513	16436	19725	28229
6	Weeding	Acre	381471	345849	316959	306745	256780
7	Thinning	Acre	16375	16347	18001	15087	10729
8	Climber Cutting	Acre	362126	316545	326205	248595	260560
9	Repair of Forest Road	ML	1405	1405	1395	1405	1261
10	Repair of Reserve Boundary	ML	1260	1300	1309	1287	1188
11	Repair of Compt Boundary	ML	1495	1357	1334	1265	1180
12	Fire Protection	Acre	347314	339720	329382	311446	250312
13	Reservation	Sq.ml	689	971	73	90	2315

Table 2.29 Forest Operation (Concl'd)

S.N (1)	Categories (2)	Unit (3)	2011-2012 (9)	2012-2013 (10)	2013-2014 (11)	2014-2015 (12)	2015-2016(p) (13)
1	Girdling & GT Marking	Tree	109128	104233	147935	40221	38295
2	SF Marking	Tree	867923	548053	310245	281781	275773
3	Artificial Regeneration	Acre	29000	15400	15000	8000	4900
4	Natural Regeneration	Acre	45619	41170	21315	40534	38155
5	Improvement Felling	Acre	16684	14526	10813	7832	6705
6	Weeding	Acre	197482	136890	102191	44368	41939
7	Thinning	Acre	9753	9611	12702	9979	11570
8	Climber Cutting	Acre	245328	262440	171755	143890	209984
9	Repair of Forest Road	ML	1400	1369	1398	1400	1321
10	Repair of Reserve Boundary	ML	1265	1287	1350	1512	1580
11	Repair of Compt Boundary	ML	1215	1232	1205	1396	1545
12	Fire Protection	Acre	230595	189045	145667	80363	59916
13	Reservation	Sq.ml	1685	911	1633	183	15

Note: GT = Green Teak
SF = Selected Felling

Source: Department of Forest.

Table 2.30 Watershed Plantation for Dam/Reservoir Area of Dry Zone

							(Acre)
S.N	Dam/Reservoir	Location(States/Regions)	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Grand Total			5775	5400	5500	6475	6562
1	Ngwethar	Sagaing Region	75	100	100	-	125
2	Phaungkatar	"	75	150	150	200	125
3	Haihlar	"	50	150	50	150	150
4	Ingyinpin	"	-	-	100	-	-
5	Ayardaw	"	-	-	-	50	-
6	Thein Yin	"	-	-	-	-	-
7	Thar Zi	"	-	-	-	-	-
8	New Khwe	"	-	-	-	-	-
9	Thet Kel Aie	"	-	-	-	-	-
10	Ayeyarwaddy	"	-	-	-	-	-
11	Let pan	"	-	-	-	-	-
Total			200	400	400	400	400
12	Myothar	Mandalay Region	-	-	-	-	-
13	Natthartaw	"	-	50	-	-	-
14	Phaung kadaw	"	100	150	-	175	175
15	Kyet mauktaung	"	-	-	-	-	-
16	Taungyay	"	125	-	-	-	-
17	Pinnchaung	"	-	-	-	-	-
18	Thinphone	"	100	-	-	-	-
19	Monetine	"	100	-	-	-	-
20	Samone	"	100	-	-	-	-
21	Chaung magyi	"	50	-	200	-	-
22	Myohla(Tat Kon)	"	100	650	500	-	500
23	Sinthay	"	1450	-	-	1000	1080
24	Kinthar	"	-	-	-	-	-
25	Myohla(Yemi Thin)	"	-	-	150	400	-
26	Nga thayauk	"	50	-	-	-	-
27	Myakan	"	100	-	-	-	-
28	Shan-Ma-Ngae	"	-	-	-	-	-
29	Pyin Pin	"	-	-	-	-	-
30	Tha Byae Yoe	"	-	-	-	-	-
31	Pindale	"	-	-	-	-	-
32	Tagon Dine	"	-	-	-	-	-
33	Thida Kan	"	-	-	-	-	-
Total			2275	850	850	1575	1755

Table 2.30 Watershed Plantation for Dam/Reservoir Area of Dry Zone (Cont'd)

							(Acre)
S.N (1)	Dam/Reservoir (2)	Location(States/Regions) (3)	2011-2012 (9)	2012-2013 (10)	2013-2014 (11)	2014-2015 (12)	2015-2016 (13)
Grand Total			3600	1600	1200	650	850
1	Ngwethar	Sagaing Region	150	-	-	-	-
2	Phaungkatar	"	200	30	-	-	-
3	Aigyar	"	-	-	-	-	-
4	Ingyinpin	"	-	-	-	-	-
5	Ayardaw	"	-	-	-	-	-
6	Thein Yin	"	300	-	50	-	-
7	Thar Zi	"	50	-	-	-	-
8	New Khwe	"	-	-	100	-	-
9	Thet Kel Aie	"	-	20	-	-	-
10	Ayeyarwaddy	"	-	-	100	100	80
11	Let pan	"	-	-	-	30	50
Total			700	50	250	130	130
12	Myothar	Mandalay Region	-	-	-	-	-
13	Natthartaw	"	-	-	-	-	-
14	Phaung kadaw	"	50	50	-	-	-
15	Kyet mauktaung	"	-	-	-	-	-
16	Taungyay	"	-	-	-	-	-
17	Pinnchaung	"	-	-	-	-	-
18	Thinphone	"	25	-	-	-	-
19	Monetine	"	-	-	-	-	-
20	Samone	"	50	-	-	-	-
21	Chaung magyi	"	-	-	-	-	-
22	Myohla(Tat Kon)	"	-	-	-	-	-
23	Sinthay	"	300	125	100	-	-
24	Kinthar	"	-	-	-	-	-
25	Myohla(Yemi Thin)	"	-	-	-	-	-
26	Nga thayauk	"	50	-	-	-	-
27	Myakan	"	-	-	-	-	-
28	Shan-Ma-Ngae	"	25	-	-	-	-
29	Pyin Pin	"	-	50	125	50	-
30	Tha Byae Yoe	"	-	75	-	-	-
31	Pindale	"	-	-	-	100	-
32	Tagon Dine	"	-	-	-	50	100
33	Thida Kan	"	-	-	-	-	100
Total			500	300	225	200	200

Table 2.30 Watershed Plantation for Dam/Reservoir Area of Dry Zone (Cont'd)

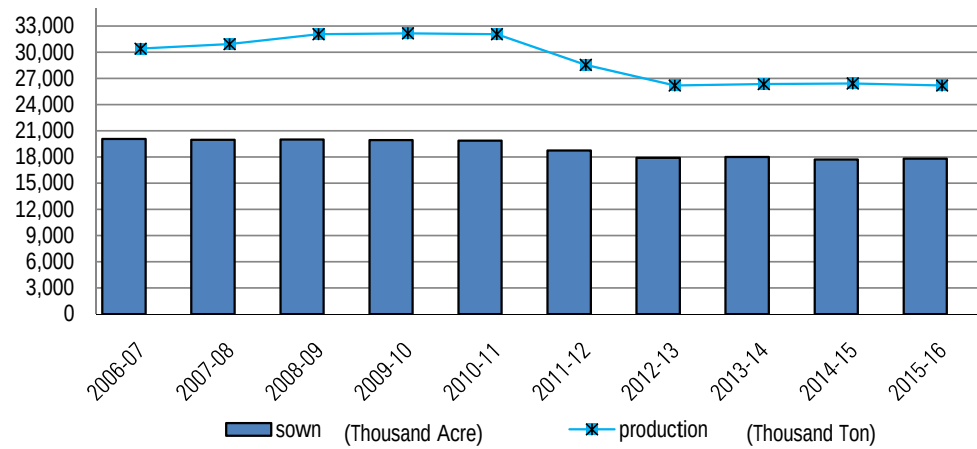
(Acre)							
S.N (1)	Dam/Reservoir (2)	Location(States/Regions) (3)	2006-2007 (4)	2007-2008 (5)	2008-2009 (6)	2009-2010 (7)	2010-2011 (8)
34	Myakhe taung	Magway Region	100	-	-	-	-
35	Ye-tain-chaung	"	-	-	-	200	-
36	Gway cho	"	100	-	-	-	250
37	Ma-gyi-su	"	-	-	-	300	300
38	Sinchaung	"	-	200	130	-	-
39	Sat-thoyor	"	-	-	-	100	-
40	Sintadarr	"	-	-	-	-	-
41	Khin-mon	"	-	-	-	100	-
42	Satthwar	"	-	-	70	-	-
43	Yawchaung(Pauk)	"	200	250	200	300	300
44	Bahinn	"	200	-	-	-	-
45	Kyetmauk	"	-	300	300	-	-
46	Thitkyitaw	"	-	-	-	-	-
47	Wonlo	"	-	75	-	-	-
48	Wonyou	"	-	-	-	-	-
49	Won chaung	"	-	-	-	-	-
50	Teigy	"	-	50	-	-	-
51	Yaw chaung(Seik - Phu)	"	-	75	300	-	300
52	Htanpin chaung taphet yat	"	-	50	-	-	-
53	Natmauk	"	900	1100	1100	1100	1000
54	Saddan	"	1000	1100	1100	1100	-
55	Palin	"	-	-	-	-	158
56	Syun	"	-	-	-	-	349
57	Banngone	"	200	500	500	-	-
58	Ngamin	"	-	-	-	-	-
59	Kinmonntaung	"	-	-	-	-	-
60	Mannchaung	"	200	150	250	200	-
61	Linzin	"	-	-	-	-	-
62	Mezali	"	-	-	-	-	-
63	Yanpe(taungtwingyi)	"	-	-	-	800	600
64	Yanpe(Sinbaungwai)	"	150	150	150	150	300
65	Bwetkyi	"	150	-	150	150	-
66	Pwethar	"	-	150	-	-	-
67	Tietarr	"	50	-	-	-	150
68	Maday	"	50	-	-	-	150
69	Sanyo	"	-	-	-	-	50
70	Salin	"	-	-	-	-	300
71	Einema	"	-	-	-	-	200
72	Myotinchauung	"	-	-	-	-	-
73	Ayeyarwaddy	"	-	-	-	-	-
Total			3300	4150	4250	4500	4407

Table 2.30 Watershed Plantation for Dam/Reservoir Area of Dry Zone (Concl'd)

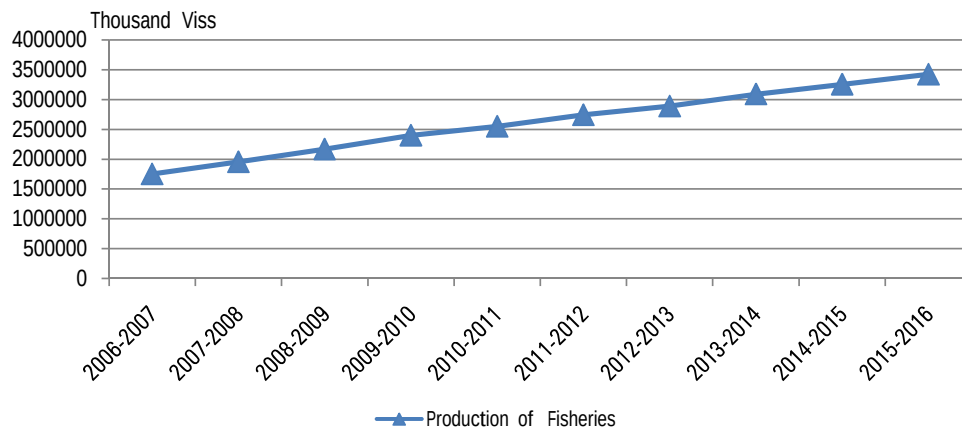
(Acre)							
S.N (1)	Dam/Reservoir (2)	Location(States/Regions) (3)	2011-2012 (9)	2012-2013 (10)	2013-2014 (11)	2014-2015 (12)	2015-2016 (13)
34	Myakhe taung	Magway Region	-	-	-	-	-
35	Ye-tain-chaung	"	-	-	-	-	-
36	Gway cho	"	100	-	-	-	-
37	Ma-gyi-su	"	-	-	-	-	-
38	Sinchaung	"	-	-	-	-	-
39	Sat-thoyor	"	-	-	-	-	-
40	Sintadarr	"	-	-	-	-	-
41	Khin-mon	"	-	100	-	-	-
42	Satthwar	"	-	-	-	-	-
43	Yawchaung(Pauk)	"	300	100	-	-	-
44	Bahinn	"	-	-	-	-	-
45	Kyetmauk	"	-	-	-	-	-
46	Thitkyitaw	"	-	-	-	-	-
47	Wonlo	"	-	-	-	-	-
48	Wonyou	"	-	-	-	-	-
49	Won chaung	"	-	-	-	-	-
50	Teigy	"	-	-	-	-	-
51	Yaw chaung(Seik-Phyu)	"	-	100	-	-	-
52	Htanpin chaung taphet yat	"	-	-	-	-	-
53	Natmauk	"	200	125	130	-	-
54	Saddan	"	200	100	130	120	120
55	Palin	"	-	-	-	-	-
56	Syun	"	-	-	-	-	-
57	Banngone	"	-	-	-	-	-
58	Ngamin	"	-	-	-	-	-
59	Kinmonntaung	"	-	-	-	-	-
60	Mannchaung	"	100	-	-	-	-
61	Linzin	"	350	-	-	-	-
62	Mezali	"	150	100	-	-	-
63	Yanpe(taungtwingyi)	"	200	125	140	100	150
64	Yanpe(Sinbaungwai)	"	200	150	100	-	-
65	Bwetkyi	"	-	-	-	-	-
66	Pwethar	"	-	-	-	-	-
67	Tietarr	"	200	-	-	-	-
68	Maday	"	200	50	50	50	50
69	Sanyo	"	-	-	-	-	-
70	Salin	"	-	-	-	-	-
71	Einema	"	-	200	75	50	200
72	Myotinchaung	"	200	-	-	-	-
73	Ayeyarwaddy	"	-	100	100	-	-
Total			2400	1250	725	320	520

Source: Department of Dry Zone.

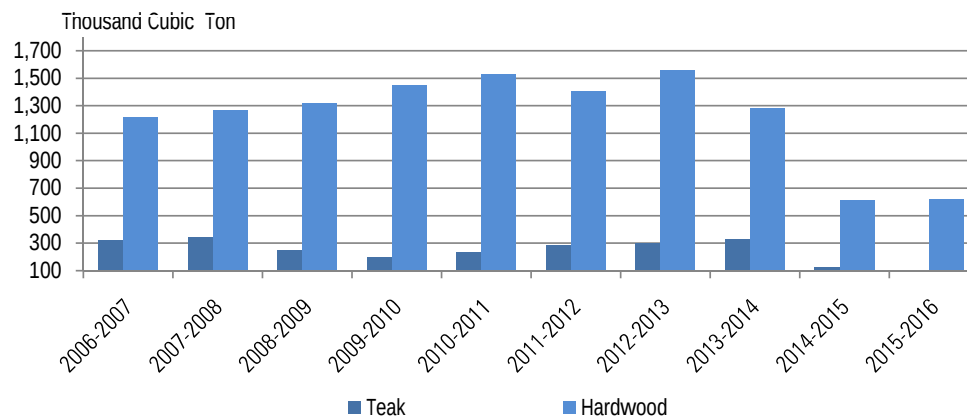
III . AGRICULTURAL PRODUCTION

Figure 3.1 SOWN ACREAGE AND PRODUCTION OF PADDY

Source: Department of Agricultural Land Management and Statistics.

Figure 3.2 PRODUCTION OF FISHERIES

Source: Department of Fisheries.

Figure 3.3 TEAK AND HARDWOOD LOGS EXTRACTION BY STATES AND REGIONS

Source: Myanmar Timber Enterprise.

Table 3.01 Area Sown, Harvested and Cropping Intensity

(Thousand Acres)

Period	Net Area Sown	Area Sown more than once	Gross Area Sown	Gross Area Harvested	Cropping Intensity (%) (4 / 2) x 100
(1)	(2)	(3)	(4)	(5)	(6)
2006-2007	31166	19255	50421	47010	161.8
2007-2008	32677	21974	54651	48795	167.3
2008-2009	33332	23405	56737	49759	170.2
2009-2010	33716	24013	57729	50551	171.2
2010-2011	33971	24263	58234	50926	171.4
2011-2012	33561	22028	55589	46128	165.6
2012-2013	32862	19144	52006	44488	158.3
2013-2014	32762	20038	52800	44971	161.2
2014-2015	33014	19792	52806	45062	160.0
2015-2016	33016	19673	52689	45223	159.6

Source : Department of Agricultural Land Management and Statistics.

Table 3.02 Sown Acreage of Selected Crops

(Thousand Acres)

Crop (1)	2006-2007 (2)	2007-2008 (3)	2008-2009 (4)	2009-2010 (5)	2010-2011 (6)
1. Paddy	20076	19990	20001	19933	19885
2. Paddy(Summer)	3038	3136	3160	3182	3100
3. Paddy(Monsoon)	17038	16854	16841	16751	16785
4. Wheat	227	243	246	256	251
5. Maize (Seed)	808	854	878	897	962
6. Maize (Cob)	726	792	836	863	887
7. Sorghum	590	504	511	553	546
8. Groundnut	1867	2014	2086	2141	2168
9. Groundnut (Rain)	839	889	908	937	951
10. Groundnut (Winter)	1028	1125	1178	1204	1217
11. Sesamum	3565	3725	3880	4038	3918
12. Sesamum (Summer)	187	184	194	170	162
13. Sesamum (Rain)	2697	2763	2876	2948	2875
14. Sesamum (Winter)	681	778	810	920	881
15. Sunflower	1516	2063	2184	2182	2122
16. Oil Palm	202	231	251	277	308
17. Nigar	299	363	376	385	392
18. Matpe (Black gram)	2219	2422	2441	2528	2607
19. Pedisein (Green gram)	2485	2635	2566	2660	2771
20. Sadawpe (Garden pea)	130	135	124	126	136
21. Pesingon (Pigeon pea)	1400	1455	1511	1523	1565
22. Gram (Chick pea)	664	691	739	809	819
23. Peboke (Soy bean)	389	391	411	422	418
24. Pelun	360	388	393	384	387

Table 3.02 Sown Acreage of Selected Crops (Cont'd)

(Thousand Acres)

Crop (1)	2011-2012 (7)	2012-2013 (8)	2013-2014 (9)	2014-2015 (10)	2015-2016 (11)
1. Paddy	18762	17893	17999	17722	17821
2. Paddy(Summer)	2628	2343	2615	2325	2455
3. Paddy(Monsoon)	16134	15550	15383	15397	15366
4. Wheat	236	246	250	244	238
5. Maize (Seed)	1017	1042	1089	1134	1166
6. Maize (Cob)	860	902	909	923	914
7. Sorghum	549	539	558	582	589
8. Groundnut	2192	2252	2300	2346	2359
9. Groundnut (Rain)	1013	1059	1102	1136	1144
10. Groundnut (Winter)	1179	1193	1198	1210	1215
11. Sesamum	3941	3838	4007	3906	4052
12. Sesamum (Summer)	154	149	204	285	272
13. Sesamum (Rain)	2929	2791	2894	2703	2869
14. Sesamum (Winter)	858	898	909	917	911
15. Sunflower	1342	1226	1188	1195	1152
16. Oil Palm	332	356	366	378	392
17. Nigar	385	385	383	387	389
18. Matpe (Black gram)	2694	2737	2723	2712	2800
19. Pedisein (Green gram)	2713	2686	2775	2899	2990
20. Sadawpe (Garden pea)	133	131	134	134	135
21. Pesingon (Pigeon pea)	1590	1514	1578	1529	1601
22. Gram (Chick pea)	823	894	949	934	920
23. Peboke (Soy bean)	389	389	383	374	367
24. Pelun	348	357	360	358	362

Table 3.02 Sown Acreage of Selected Crops (Cont'd)

(Thousand Acres)

Crop (1)	2006-2007 (2)	2007-2008 (3)	2008-2009 (4)	2009-2010 (5)	2010-2011 (6)
25. Chillies Dry	304	319	320	326	315
26. Chillies Dry (Rain)	147	158	155	158	148
27. Chillies Dry (Winter)	157	161	166	168	167
28. Onion	164	175	169	178	179
29. Onion (Rain)	8	5	7	9	8
30. Onion (Winter)	156	170	162	169	171
31. Garlic	65	71	64	70	72
32. Tea	211	216	222	230	234
33. Coffee	54	58	59	60	61
34. Sugarcane	369	417	408	396	374
35. Potato	90	91	93	94	95
36. Potato (Rain)	42	43	44	45	45
37. Potato (Winter)	48	48	49	49	50
38. Cotton	874	909	907	888	867
39. Cotton (Wagyi)	98	96	94	94	92
40. Cotton (Mahlaing 5 / 6)	121	125	122	120	111
41. Cotton (Long Staple)	655	688	692	674	664
42. Jute	31	14	9	9	8
43. Jute (Pre-monsoon)	24	12	6	7	6
44. Jute (Monsoon)	7	2	3	2	2
45. Rubber	728	940	1057	1144	1246
46. Mulberry	4.092	4.252	4.321	4.360	4.365
47. Coconut	130	131	131	132	132

Table 3.02 Sown Acreage of Selected Crops (Concl'd)

(Thousand Acres)

Crop (1)	2011-2012 (7)	2012-2013 (8)	2013-2014 (9)	2014-2015 (10)	2015-2016 (11)
25. Chillies Dry	290	280	271	276	271
26. Chillies Dry (Rain)	138	135	126	133	127
27. Chillies Dry (Winter)	152	145	145	143	144
28. Onion	178	178	190	193	189
29. Onion (Rain)	10	7	10	11	8
30. Onion (Winter)	168	171	180	182	181
31. Garlic	72	71	72	70	70
32. Tea	237	224	231	236	237
33. Coffee	62	50	50	49	49
34. Sugarcane	381	381	419	447	400
35. Potato	92	91	90	91	91
36. Potato (Rain)	45	44	44	45	44
37. Potato (Winter)	48	47	46	46	47
38. Cotton	805	687	739	752	720
39. Cotton (Wagyi)	90	86	92	92	91
40. Cotton (Mahlaing 5 / 6)	103	77	80	74	73
41. Cotton (Long Staple)	612	524	567	586	556
42. Jute	8	1	*	*	*
43. Jute (Pre-monsoon)	5	*	*	*	*
44. Jute (Monsoon)	3	1	*	*	*
45. Rubber	1342	1436	1507	1584	1607
46. Mulberry	2.500	2.268	1.805	1.684	1.500
47. Coconut	132	142	141	141	141

Note: * Less than one unit

Source : Department of Agricultural Land Management and Statistics.

Table 3.03 Average Yield Per Harvested Acre of Selected Crops

Crop (1)	Unit (2)	2006-2007 (3)	2007-2008 (4)	2008-2009 (5)	2009-2010 (6)	2010-2011 (7)
1.Paddy	46lb(basket)	73	76	78	79	79
2.Wheat	72lb(basket)	19	20	22	22	22
3.Maize	55lb(basket)	51	54	55	56	57
4.Groundnut						
(a) Rain	25lb(basket)	44	46	47	49	50
(b) Winter	25lb(basket)	59	60	61	62	62
5.Sesamum						
(a) Early	54lb(basket)	7	7	8	7	8
(b) Late	54lb(basket)	11	11	12	12	12
6.Cotton						
(a) Wagyi	Viss	101	104	106	106	107
(b) Mahlaing 5/6	Viss	96	101	105	111	116
(c) Long Staple	Viss	219	242	368	441	476
7.Jute	Viss	190	203	219	222	217
8.Kenaf	Viss	253	259	255	255	263
9.Rubber	lb	531	571	577	600	613
10.Matpe(Black gram)	72lb(basket)	17	17	18	18	19
11.Pedisein(Green gram)	72lb(basket)	13	14	15	15	16
12.Bocate(Cow pea)	72lb(basket)	13	14	14	15	15
13.Peboke(Soy bean)	72lb(basket)	16	17	18	19	19
14.Pelun	72lb(basket)	13	14	15	15	15
15.Pesingon(Pigeon pea)	72lb(basket)	14	14	15	16	16
16.Peyin(Rice bean)	72lb(basket)	11	12	13	13	13
17. Sadawpe(Garden pea)	72lb(basket)	13	14	14	15	15

Table 3.03 Average Yield Per Harvested Acre of Selected Crops (Cont'd)

Crop (1)	Unit (2)	2011-2012 (8)	2012-2013 (9)	2013-2014 (10)	2014-2015 (11)	2015-2016 (12)
1.Paddy	46lb(basket)	74	74	75	76	76
2.Wheat	72lb(basket)	22	22	23	23	23
3.Maize	55lb(basket)	59	59	60	61	61
4.Groundnut						
(a) Rain	25lb(basket)	49	50	50	50	51
(b) Winter	25lb(basket)	63	63	64	64	65
5.Sesamum						
(a) Early	54lb(basket)	8	8	8	8	8
(b) Late	54lb(basket)	12	13	13	13	13
6.Cotton						
(a) Wagyi	Viss	109	108	111	112	113
(b) Mahlaing 5/6	Viss	118	120	120	117	120
(c) Long Staple	Viss	498	510	515	524	540
7.Jute	Viss	235	223	234	187	148
8.Kenaf	Viss	272	227	276	218	175
9.Rubber	lb	673	687	681	683	674
10.Matpe(Black gram)	72lb(basket)	16	17	18	18	18
11.Pedisein(Green gram)	72lb(basket)	15	16	16	16	16
12.Bocate(Cow pea)	72lb(basket)	15	15	16	16	16
13.Peboke(Soy bean)	72lb(basket)	19	19	19	19	19
14.Pelun	72lb(basket)	15	16	16	16	16
15.Pesingon(Pigeon pea)	72lb(basket)	16	16	16	17	17
16.Peyin(Rice bean)	72lb(basket)	14	14	14	14	14
17. Sadawpe(Garden pea)	72lb(basket)	16	16	16	17	17

Table 3.03 Average Yield Per Harvested Acre of Selected Crops (Cont'd)

Crop (1)	Unit (2)	2006-2007 (3)	2007-2008 (4)	2008-2009 (5)	2009-2010 (6)	2010-2011 (7)
18. Peyazar(Lentil bean)	72lb(basket)	8	9	10	9	10
19. Penauk(Krishna mung)	72lb(basket)	9	10	10	11	11
20. Butter bean	69lb(basket)	14	15	15	16	16
21. Sultani	69lb(basket)	14	14	15	15	16
22. Sultapya	69lb(basket)	15	15	15	16	16
23. Gram(Chick pea)	69lb(basket)	16	16	17	17	18
24. Pebyugale(Duffin bean)	69lb(basket)	11	11	12	13	13
25. Pegyi(Lablab bean)	69lb(basket)	12	13	15	15	15
26. Pegya(Lima bean)	69lb(basket)	11	11	11	12	12
27. Chillies	Viss	220	222	241	251	252
28. Onion	Viss	3497	3596	3755	3800	2873
29. Garlic	Viss	1534	1734	1724	1761	1781
30. Potato	Viss	3501	3579	3662	3658	3667
31. Tobacco(dry)(Virginia)	Viss	349	302	341	332	322
32. Tobacco(dry)(Myanmar)	Viss	410	402	419	438	444
33. Sugarcane	long ton	23	24	24	25	25
34. Tapioca	Viss	3172	3378	3345	3419	3345
35. Tea	Viss	276	285	291	296	300
36. Coffee	Viss	146	163	163	166	168

Table 3.03 Average Yield Per Harvested Acre of Selected Crops(Concl'd)

Crop (1)	Unit (2)	2011-2012 (8)	2012-2013 (9)	2013-2014 (10)	2014-2015 (11)	2015-2016 (12)
18. Peyazar(Lentil bean)	72lb(basket)	10	10	10	11	11
19. Penauk(Krishna mung)	72lb(basket)	12	12	12	12	13
20. Butter bean	69lb(basket)	17	17	17	17	18
21. Sultani	69lb(basket)	16	16	17	18	17
22. Sultapya	69lb(basket)	16	16	16	16	16
23.Gram(Chick pea)	69lb(basket)	18	19	19	20	20
24. Pebyugale(Duffin bean)	69lb(basket)	13	14	14	14	14
25. Pegyi(Lablab bean)	69lb(basket)	16	16	16	16	17
26. Pegya(Lima bean)	69lb(basket)	13	13	14	13	13
27. Chillies	Viss	250	261	265	274	291
28. Onion	Viss	3936	3993	3949	4004	4087
29. Garlic	Viss	1805	1824	1830	1859	1869
30. Potato	Viss	3747	3756	3729	3745	3845
31.Tobacco(dry)(Virginia)	Viss	340	346	331	329	347
32. Tobacco(dry)(Myanmar)	Viss	453	466	451	467	475
33. Sugarcane	long ton	25	25	25	25	25
34.Tapioca	Viss	3200	3288	3325	3231	3200
35.Tea	Viss	296	298	297	296	297
36. Coffee	Viss	172	173	177	178	178

Source : Department of Agricultural Land Management and Statistics.

Table 3.04 Paddy (Unhusked Rice) Total Production and Utilization by States and Regions (2015-2016)

(Metric Ton)

S.N (1)	States and Regions (2)	Total Production (3)	Utilization				Deficit / Surplus	
			Seeds (4)	Waste (5)	Consumption (6)	Total (7)	Paddy (8)	Rice (9)
	Total	25575848	731162	1096743	14035465	15863370	9712478	4729588
1.	Nay Pyi Taw	305727	7127	10690	319122	336939	-31212	-15199
2.	Kachin State	623433	18765	28148	471915	518828	104605	50938
3.	Kayah State	123737	3800	5700	77895	87395	36342	17697
4.	Kayin State	942413	26891	40337	423806	491034	451379	219804
5.	Chin State	80551	3720	5580	127506	136805	-56254	-27393
6.	Sagaing Region	3088828	80253	120380	1408666	1609299	1479529	720471
7.	Tanintharyi Region	377702	10957	16436	379567	406961	-29258	-14248
8.	Bago Region	4524453	123824	185736	1298211	1607770	2916682	1420308
9.	Magway Region	1402797	34920	52380	1024936	1112236	290561	141492
10.	Mandalay Region	780916	21151	31726	1701785	1754662	-973746	-474175
11.	Mon State	973706	30057	45086	553740	628883	344823	167915
12.	Rakhine State	1540773	46599	69898	846716	963213	577560	281249
13.	Yangon Region	1769909	57769	86654	2212868	2357291	-587382	-286032
14.	Shan State	2082348	55557	83335	1573317	1712209	370138	180243
15.	Ayeyarwady Region	6958555	209772	314658	1615415	2139845	4818710	2346519

Note: Seed Rate = 2 basket/acre
Waste = 3 basket/acre (without other consumption.
eg, vermicella, Myanmar traditional snacks)
Consumption = Urban - 12 baskets/year/person,
Rural - 15 baskets/year/person
Paddy 100 baskets = Rice 1 MT

Source: Department of Agriculture.

Table 3.05 Groundnut Production, Utilization and Processed Form by States and Regions (2015-2016)

(Thousand Metric Ton)

S.N	States and Regions	Total Production	Utilization				Production for Oil Extraction	Oil Equivalent	Oil Cakes
			Seeds	Waste	Other Uses	Total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Total	1547933	160501	77397	77397	315295	1232638	354939	496915
1.	Nay Pyi Taw	28202	3247	1410	1410	6067	22135	6374	8923
2.	Kachin State	18605	2070	930	930	3930	14675	4226	5916
3.	Kayah State	7574	988	379	379	1746	5828	1678	2349
4.	Kayin State	29361	2490	1468	1468	5426	23935	6892	9649
5.	Chin State	2071	281	104	104	489	1582	456	638
6.	Sagaing Region	520296	51849	26015	26015	103879	416417	119908	167871
7.	Tanintharyi Region	6	1	0	0	1	5	1	2
8.	Bago Region	137680	13368	6884	6884	27136	110544	31831	44564
9.	Magway Region	365761	34376	18288	18288	70952	294809	84890	118846
10.	Mandalay Region	211262	27229	10563	10563	48355	162907	46909	65673
11.	Mon State	16655	1638	833	833	3304	13351	3844	5382
12.	Rakhine State	51641	5954	2582	2582	11118	40523	11669	16336
13.	Yangon Region	4278	512	214	214	940	3338	961	1346
14.	Shan State	78246	8909	3912	3912	16733	61513	17713	24798
15.	Ayeyarwady Region	76295	7589	3815	3815	15219	61076	17587	24622

Note: Seed Rate = 6 baskets/acre

Waste = 5 % of Production

Other Uses = 5% of Production

Oil Equivalent = 2 viss/1 basket (Groundnut - with shell)

Oil Cake = 2.8 viss/ 1 basket (Groundnut - with shell)

Source: Department of Agriculture.

Table 3.06 Sesamum Production, Utilization and Processed Form by States and Regions (2015-2016)

(Thousand Metric Ton)

S.N	States and Regions	Total Production	Utilization				Production for Oil Extraction	Oil Equivalent	Oil Cakes
			Seeds	Waste	Other Use	Total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Total	841026	11844	16821	42051	70716	770310	308071	385089
1.	Nay Pyi Taw	15840	227	317	792	1336	14504	5801	7251
2.	Kachin State	5530	58	111	277	445	5085	2034	2542
3.	Kayah State	4849	62	97	242	401	4448	1779	2223
4.	Kayin State	13738	138	275	687	1100	12638	5054	6318
5.	Chin State	1115	18	22	56	96	1019	408	509
6.	Sagaing Region	267064	3229	5341	13353	21923	245141	98039	122549
7.	Tanintharyi Region	140	3	3	7	13	127	51	64
8.	Bago Region	45515	545	910	2276	3731	41784	16711	20888
9.	Magway Region	353696	4201	7074	17685	28960	324736	129872	162340
10.	Mandalay Region	113642	3130	2273	5682	11085	102557	41016	51270
11.	Mon State	1171	12	23	59	94	1077	431	538
12.	Rakhine State	881	13	18	44	75	806	322	403
13.	Yangon Region	1186	14	24	59	97	1089	436	544
14.	Shan State	9474	119	189	474	782	8692	3476	4345
15.	Ayeyarwady Region	7185	75	144	359	578	6607	2642	3303

Note: Seed Rate = 0.125 baskets/acre
Waste = 2 % of Production
Other Uses = 5% of Production
Oil Equivalent = 6 viss/1 basket
Oil Cake = 7.5 viss/ 1 basket

Source: Department of Agriculture.

Table 3.07 Production of Selected Crops

(Thousand Ton)

Crop (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (8)	2013-14 (9)	2014-15 (10)	2015-16 (11)
1. Paddy	30435	30954	32059	32166	32065	28552	26217	26372	26424	26210
2. Paddy (Summer)	5509	5565	5889	5883	5719	4821	3292	3408	3075	3122
3. Paddy (Monsoon)	24926	25389	26169	26283	26346	23731	22925	22964	23349	23088
4. Wheat	140	155	170	179	181	170	178	183	182	179
5. Maize (Seed)	1016	1128	1185	1226	1354	1462	1502	1601	1693	1748
6. Maize (Cob) (000. Nos)	10871855	12452606	13515228	14341992	14980170	14493844	15738790	15895775	16214025	16324792
7. Sorghum	205	188	190	210	213	219	211	225	239	240
8. Groundnut	1088	1202	1284	1341	1370	1378	1428	1465	1501	1518
9. Groundnut (Rain)	415	454	478	513	529	555	585	612	635	643
10. Groundnut (Winter)	673	748	806	828	841	823	844	853	866	875
11. Sesamum	680	768	840	854	848	887	799	820	802	828
12. Sesamum (Summer)	66	67	74	64	60	55	4	3	1	1
13. Sesamum (Rain)	434	489	537	522	529	574	522	540	519	543
14. Sesamum (Winter)	180	212	229	268	259	258	273	277	282	284
15. Sunflower	494	692	767	770	756	482	448	443	453	440
16. Oil Palm	172	206	208	245	330	430	474	490	515	435
17. Nigar	57	80	87	89	92	91	92	92	93	95
18. Matpe (Black gram)	1182	1350	1423	1485	1578	939	1058	1076	1080	1142
19. Pedisein (Green gram)	1038	1178	1220	1315	1338	919	948	992	1050	1090
20. Sadawpe (Garden pea)	56	60	57	61	67	47	46	49	49	50
21. Pesingon (Pigeon pea)	645	719	765	760	824	580	549	579	575	602
22. Gram (Chick pea)	330	348	398	434	459	466	517	562	571	572
23. Peboke (Soy bean)	201	214	240	254	255	162	163	161	157	154
24. Pelun	150	176	188	186	191	115	126	128	128	131

Table 3.07 Production of Selected Crops (Concl'd)

(Thousand Ton)

Crop (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (8)	2013-14 (9)	2014-15 (10)	2015-16 (11)
25. Chillies Dry	107	114	124	133	128	116	118	116	122	127
26. Chillies Dry (Rain)	34	37	38	42	39	35	35	33	40	44
27. Chillies Dry (Winter)	73	77	86	91	89	81	83	83	82	83
28. Onion	918	1013	1023	1092	1114	1125	1142	1205	1245	1244
29. Onion (Rain)	26	20	27	34	30	36	27	37	42	32
30. Onion (Winter)	892	993	996	1058	1084	1089	1115	1168	1203	1212
31. Garlic	161	197	178	198	206	209	209	212	209	209
32. Tea	83	87	90	92	95	93	95	96	99	100
33. Coffee	5	6	6	7	7	8	8	8	8	8
34. Sugarcane (M.T)	8039	9678	9744	9562	9250	9537	9413	10307	11128	10142
35. Potato	508	521	548	554	563	556	551	540	542	560
36. Potato (Rain)	262	267	274	278	280	277	278	265	267	277
37. Potato (Winter)	246	254	274	276	283	279	273	275	275	283
38. Cotton	264	303	445	514	541	525	460	501	524	513
39. Cotton (Wagyi)	16	16	16	16	16	16	15	16	17	17
40. Cotton (Mahlaing 5/6)	19	20	20	21	21	20	15	15	14	14
41. Cotton (Long Staple)	229	267	409	477	505	489	430	469	494	482
42. Jute	9	3	1	1	1	1	*	*	*	*
43. Jute (Pre-monsoon)	8	3	1	1	1	*	*	*	*	*
44. Jute (Monsoon)	1	*	*	*	*	1	*	*	*	*
45. Rubber	72	87	92	110	126	147	162	174	195	209
46. Mulberry	3.32	3.44	3.58	3.61		2.62	2.52	2.41	2.51	2.29
47. Coconut (000. Nos)	485724	505014	420393	417171	430855	478057	490717	510412	509177	508666

Note: * Less than one unit

Source : Department of Agricultural Land Management and Statistics.

Table 3.08 Sown Area, Harvested Area and Production of Fruits

(In Thousand)

Crop (1)	Unit (2)	2006-2007 (3)	2007-2008 (4)	2008-2009 (5)	2009-2010 (6)	2010-2011 (7)
1. Mango						
Sown	Acre	188	191	193	196	197
Harvested	Acre	168	174	171	177	173
Production	Numbers	1807183	1791071	1740421	1928941	2014702
2. Lemon						
Sown	Acre	40	41	42	43	44
Harvested	Acre	37	38	39	41	41
Production	Numbers	661861	645797	693795	750760	781294
3. Orange						
Sown	Acre	33	34	35	35	35
Harvested	Acre	26	26	27	27	29
Production	Viss	173506	175639	182267	182412	203643
4. Pomelo and Sweet Lime						
Sown	Acre	14	14	14	15	15
Harvested	Acre	12	13	13	14	14
Production	Numbers	66324	69695	73968	79644	79086
5. Durian						
Sown	Acre	18	18	18	21	21
Harvested	Acre	16	16	16	20	20
Production	Numbers	39285	39541	40011	59588	57527
6. Pineapple						
Sown	Acre	48	48	48	52	52
Harvested	Acre	46	46	47	51	51
Production	Numbers	219300	219475	215108	242523	248827
7. Custard apple						
Sown	Acre	10	10	10	10	10
Harvested	Acre	9	9	9	10	10
Production	Numbers	88378	94171	96230	101299	115743
8. Lichee						
Sown	Acre	13	13	13	13	13
Harvested	Acre	10	11	11	11	11
Production	Numbers	422883	1048408	1052543	1040840	1056679
9. Grapes						
Sown	Acre	4	4	4	4	4
Harvested	Acre	3	3	3	3	2
Production	Viss	8586	6391	6438	6450	4698
10. Apple						
Sown	Acre	5	4	4	4	4
Harvested	Acre	3	2	2	2	2
Production	Viss	3065	2836	2837	2847	2847

Table 3.08 Sown Area, Harvested Area and Production of Fruits (Cont'd)

(In Thousand)

Crop (1)	Unit (2)	2011-2012 (8)	2012-2013 (9)	2013-2014 (10)	2014-2015 (11)	2015-2016 (12)
1. Mango						
Sown	Acre	205	232	237	240	247
Harvested	Acre	183	189	191	197	200
Production	Numbers	1969392	2098617	2123251	2228279	198290
2. Lemon						
Sown	Acre	45	49	49	51	52
Harvested	Acre	42	43	43	43	44
Production	Numbers	795562	783268	826960	761890	841756
3. Orange						
Sown	Acre	35	36	36	36	38
Harvested	Acre	29	29	30	30	27
Production	Viss	214407	193587	208972	216206	215442
4. Pomelo and Sweet Lime						
Sown	Acre	16	17	17	17	17
Harvested	Acre	14	14	14	15	15
Production	Numbers	81096	82300	87383	77113	89930
5. Durian						
Sown	Acre	21	23	23	23	23
Harvested	Acre	20	20	20	20	20
Production	Numbers	61001	63847	62377	63230	52613
6. Pineapple						
Sown	Acre	54	60	59	59	61
Harvested	Acre	52	53	52	53	54
Production	Numbers	253501	252477	244897	250182	254092
7. Custard apple						
Sown	Acre	11	11	11	11	11
Harvested	Acre	10	11	11	11	11
Production	Numbers	109874	108698	101338	101885	101527
8. Lichee						
Sown	Acre	7	8	8	9	9
Harvested	Acre	5	5	6	7	7
Production	Numbers	360493	359467	389381	336668	365029
9. Grapes						
Sown	Acre	3	3	3	3	3
Harvested	Acre	3	2	3	3	3
Production	Viss	6609	5725	7597	7449	12596
10. Apple						
Sown	Acre	1	1	1	1	1
Harvested	Acre	1	1	1	1	1
Production	Viss	1238	1241	1258	2891	2391

Table 3.08 Sown Area, Harvested Area and Production of Fruits (Cont'd)

(In Thousand)

Crop (1)	Unit (2)	2006-2007 (3)	2007-2008 (4)	2008-2009 (5)	2009-2010 (6)	2010-2011 (7)
11. Pear						
Sown	Acre	2	2	3	3	3
Harvested	Acre	2	2	2	2	2
Production	Viss	10536	8464	10689	8430	9913
12. Damson						
Sown	Acre	4	4	4	4	4
Harvested	Acre	3	3	3	3	3
Production	Viss	8205	8421	8281	8652	8739
13. Walnut						
Sown	Acre	6	6	8	8	8
Harvested	Acre	5	5	5	6	6
Production	Viss	3511	3431	3734	4423	4432
14. Cashewnut						
Sown	Acre	205	219	209	217	218
Harvested	Acre	121	136	135	141	143
Production	Viss	18670	26123	22234	28373	31170
15. Plums						
Sown	Acre	53	53	53	55	54
Harvested	Acre	50	50	51	51	50
Production	Viss	282392	284195	288747	192492	196354
16. Chestnut						
Sown	Acre	*	*	*	*	*
Harvested	Acre	*	*	*	*	*
Production	Viss	198	180	198	198	203
17. Tamarind						
Sown	Acre	45	45	45	46	46
Harvested	Acre	42	43	43	44	44
Production	Viss	72451	74288	75525	75387	85015
18. Strawberry						
Sown	Acre	*	*	*	*	*
Harvested	Acre	*	*	*	*	*
Production	Viss	834	845	865	876	876
19. Others						
Sown	Acre	573	624	634	639	635
Harvested	Acre	446	439	467	499	509
Total						
Sown	Acre	1261	1330	1338	1366	1366
Harvested	Acre	999	1016	1044	1103	1111

Table 3.08 Sown Area, Harvested Area and Production of Fruits (Concl'd)

(In Thousand)

Crop (1)	Unit (2)	2011-2012 (8)	2012-2013 (9)	2013-2014 (10)	2014-2015 (11)	2015-2016 (12)
11. Pear						
Sown	Acre	2	3	3	3	2
Harvested	Acre	2	2	2	2	2
Production	Viss	9883	10244	9626	9827	8655
12. Damson						
Sown	Acre	4	4	4	4	4
Harvested	Acre	3	3	3	3	3
Production	Viss	9101	8930	21441	8023	10759
13. Walnut						
Sown	Acre	8	10	11	11	11
Harvested	Acre	6	6	7	7	6
Production	Viss	5304	5173	6203	7686	7744
14. Cashewnut						
Sown	Acre	220	220	216	216	219
Harvested	Acre	150	149	148	151	158
Production	Viss	32032	34426	34549	31380	42392
15. Plums						
Sown	Acre	53	54	54	54	54
Harvested	Acre	52	52	52	52	52
Production	Viss	191337	187970	190531	187807	200625
16. Chestnut						
Sown	Acre	*	*	*	*	*
Harvested	Acre	*	*	*	*	*
Production	Viss	183	251	273	270	319
17. Tamarind						
Sown	Acre	46	47	47	47	46
Harvested	Acre	44	44	45	45	44
Production	Viss	90572	88868	88242	94551	90675
18. Strawberry						
Sown	Acre	*	*	19	*	*
Harvested	Acre	*	*	15	*	*
Production	Viss	981	974	874	974	927
19. Others						
Sown	Acre	639	676	667	689	690
Harvested	Acre	507	509	502	522	535
Total						
Sown	Acre	1372	1454	1465	1474	1488
Harvested	Acre	1125	1132	1145	1162	1182

Note: * Less than one unit.

Source : Department of Agricultural Land Management and Statistics.

Table 3.09 Sown Area, Harvested Area and Production of Vegetables

(In Thousand)

Crop (1)	Unit (2)	2006-2007 (3)	2007-2008 (4)	2008-2009 (5)	2009-2010 (6)	2010-2011 (7)
Total Sown	Acre	1132	1189	1254	1297	739
Harvested	Acre	1132	1189	1254	1297	738
1. Cabbage						
Sown	Acre	65	70	70	72	46
Harvested	Acre	65	70	70	72	46
Production	Viss	256823	274811	275118	246238	154284
2. Cauliflower						
Sown	Acre	57	58	60	62	36
Harvested	Acre	57	58	60	62	36
Production	Viss	197326	189995	192671	198230	105594
3. Lettuce						
Sown	Acre	17	19	21	23	10
Harvested	Acre	17	19	21	23	10
Production	Viss	31360	31884	34763	40409	17866
4. Mustard (Leaf)						
Sown	Acre	80	82	84	90	41
Harvested	Acre	80	82	84	90	41
Production	Viss	139882	141400	145941	154579	60359
5. Tomato						
Sown	Acre	232	262	272	273	202
Harvested	Acre	232	262	272	273	202
Production	Viss	625697	756651	790515	806997	483665
6. Carrot						
Sown	Acre	8	6	6	7	4
Harvested	Acre	8	6	6	7	4
Production	Viss	20220	14321	15587	16871	7918
7. Radish						
Sown	Acre	46	49	52	57	32
Harvested	Acre	46	49	52	57	32
Production	Viss	132649	152559	166564	183639	88213
8. Watermelon						
Sown	Acre	40	37	42	45	32
Harvested	Acre	40	37	42	45	32
Production	Viss	119138	124802	140199	150119	93908
9. Gourd						
Sown	Acre	38	47	49	56	24
Harvested	Acre	38	47	49	56	24
Production	Viss	107998	135549	133878	156986	61372
10. Asparagus						
Sown	Acre	1	1	1	1	1
Harvested	Acre	1	1	1	1	1
Production	Viss	812	936	863	1968	913
11. Others						
Sown	Acre	548	558	597	611	311
Harvested	Acre	548	558	597	611	310

Table 3.09 Sown Area, Harvested Area and Production of Vegetables (Concl'd)

(In Thousand)

Crop (1)	Unit (2)	2011-2012 (3)	2012-2013 (4)	2013-2014 (5)	2014-2015 (6)	2015-2016 (7)
Total						
Sown	Acre	1329	1338	1366	1395	1403
Harvested	Acre	1329	1337	1365	1394	1399
1. Cabbage						
Sown	Acre	80	77	75	78	77
Harvested	Acre	80	77	75	77	77
Production	Viss	288582	290767	288752	292098	299664
2. Cauliflower						
Sown	Acre	66	67	65	67	70
Harvested	Acre	66	67	65	67	70
Production	Viss	204405	231063	226324	237402	241612
3. Lettuce						
Sown	Acre	26	29	28	26	29
Harvested	Acre	26	29	28	26	29
Production	Viss	45600	47056	48085	45322	55343
4. Mustard (Leaf)						
Sown	Acre	94	91	91	85	88
Harvested	Acre	94	91	91	84	88
Production	Viss	181150	171910	183711	146711	167903
5. Tomato						
Sown	Acre	266	273	279	272	281
Harvested	Acre	266	273	279	272	280
Production	Viss	786463	845419	845028	822552	808335
6. Carrot						
Sown	Acre	7	7	7	6	5
Harvested	Acre	7	7	7	6	5
Production	Viss	15797	14425	13257	10165	9413
7. Radish						
Sown	Acre	56	55	52	54	56
Harvested	Acre	56	55	52	54	56
Production	Viss	171750	158539	154740	167095	167184
8. Watermelon						
Sown	Acre	41	38	45	51	53
Harvested	Acre	41	38	45	51	53
Production	Viss	131466	113779	141337	144664	165737
9. Gourd						
Sown	Acre	56	58	56	57	58
Harvested	Acre	56	58	56	57	58
Production	Viss	155286	161378	172886	163568	165841
10. Asparagus						
Sown	Acre	1	1	2	1	2
Harvested	Acre	1	1	2	1	2
Production	Viss	1390	1520	2269	2041	1968
11. Others						
Sown	Acre	637	642	666	698	684
Harvested	Acre	635	641	665	698	681

Source : Department of Agricultural Land Management and Statistics.

Table 3.10 Production of Meat

(Thousand Viss)											
Description (1)	Sector (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
Total	State	3531	4199	3660	4391	12495	3236	3008	13885	13465	13858
	Private	773504	859120	947120	1093787	1197295	1269205	1392367	1525510	1685396	1805613
	Co-operative	1979	2331	2683	3482	3909	4189	4559	5092	5300	5820
Beef	State	108	94	157	171	151	118	70	78	66	285
	Private	89778	97663	108212	127387	142418	154400	168982	184333	200671	220377
	Co-operative	352	451	598	779	930	1006	1106	1398	1549	1626
Mutton	State	55	61	47	57	70	35	56	32	40	49
	Private	14755	16312	17946	22152	25074	28458	31785	35652	40636	47124
	Co-operative	228	264	315	536	542	605	637	697	666	794
Pork	State	1486	1757	1082	1045	919	770	762	845	446	664
	Private	226511	251535	285897	324968	355896	376600	409154	451693	508447	534193
	Co-operative	879	1045	1195	1464	1636	1756	1907	2004	2009	2248
Fowl	State	1538	1918	2148	2846	11051	1963	1617	12463	12737	12765
	Private	397791	444907	485871	561780	610262	643570	708369	774865	850750	921526
	Co-operative	517	569	573	701	799	819	907	990	1073	1148
Duck	State	341	340	226	272	304	350	503	467	175	95
	Private	41597	45420	45923	53972	59812	62050	69754	74402	79002	82393
	Co-operative	3	2	2	2	2	3	2	3	3	4
Turkey, Geese, Muscovy Duck	State	3	29	-	-	-	-	-	-	1	-
	Private	3072	3283	3271	3528	3833	4127	4323	4565	5890	6326
	Co-operative	1	4	3	3	1	-	-	-	-	-

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

Table 3.11 Production of Egg

(Thousand Number)

Description (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (8)	2013-14 (9)	2014-15 (10)	2015-16 (11)
Fowl Egg										
State	58545	58868	68156	71204	59011	54469	45651	59270	88129	55355
Private	4381666	4831209	5580323	6505997	7029975	7500070	8162187	8886199	9690679	10512965
Co-operative	29558	25596	32776	35850	37168	40314	39806	44852	48892	47802
Duck Egg										
State	4920	6407	3313	2372	4125	8967	10051	7228	4451	3206
Private	484346	533499	541081	624356	697124	726800	792527	873868	933788	996952
Co-operative	238	294	212	296	233	128	160	212	211	235

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

Table 3.12 Production of Feather and Leather (Private Sector)

Description (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (8)	2013-14 (9)	2014-15 (10)	2015-16 (11)
Feather Production (Thousand Pound)	2004	2190	2365	2642	3025	3321	3506	3719	4021	4287
Leather Production (Thousand Number)										
1 Hide and Skin	1270	1403	1521	1722	1868	2037	2150	2297	2477	2682
2 Skin	2127	2374	2566	2896	3175	3475	3740	4041	4457	4925
(Goat and Sheep)										

Source: Livestock Breeding and Veterinary Department.

Table 3.13 Production of Honey and value added Honey and Bee-Products

(Metric Ton)

Description (1)	2006-2007 (2)	2007-2008 (3)	2008-2009 (4)	2009-2010 (5)	2010-2011 (6)	2011-2012 (7)	2012-2013 (8)	2013-2014 (9)	2014-2015 (10)	2015-2016 (11)
Production of Honey										
State	100.00	100.00	150.00	200.00	210.50	195.02	188.62	99.39	-	-
Private	450.00	700.00	1474.36	1458.18	1451.45	2005.48	2291.61	2908.44	3572.78	4394.59
Production of value added Honey and Bee-Products										
Medicated Substance										
State	21.94	6.21	2.51	3.93	23.13	25.01	44.73	0.45	-	-
Private	-	-	-	-	19.11	97.26	80.37	39.81	36.67	25.54
Food Stuff										
State	211.54	91.90	41.56	41.72	32.13	34.80	16.94	1.20	-	-
Private	-	-	-	-	-	7.66	8.17	3.80	16.55	5.16

Source: Livestock Breeding and Veterinary Department.

Table 3.14 Production of Pearl and Shell

Description (1)	2006-2007 (2)	2007-2008 (3)	2008-2009 (4)	2009-2010 (5)	2010-2011 (6)	2011-2012 (7)	2012-2013 (8)	2013-2014 (9)	2014-2015 (10)	2015-2016 (11)
Peral (Momme)	240596	235895	238745	229951	291694	290985	302543	351641	424628	433612
Shell (Ton)	98	138	131	93	75	106	134	160	157	137

Source: Myanmar Pearl Enterprise.

Table 3.15 Production of Fisheries

(Thousand Viss)

Description (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (6)	2013-14 (8)	2014-15 (9)	2015-16 (10)
Fresh Water Fisheries	817267	919797	1024907	1139048	1220107	1313900	1367083	1436162	1508179	1589222
Aquaculture	377448	420857	474455	525563	508254	550574	569152	590422	612168	621228
Leasable Fisheries	104167	116172	128350	145326	153025	173087	177593	186438	193127	207411
Open Fisheries	335652	382768	422102	468159	558828	590239	620338	659302	702884	760583
Marine Fisheries	934100	1034131	1142916	1261196	1327930	1428618	1521109	1654843	1747898	1835191
In-shore Fishing	345617	382628	422879	466643	491334	528589	562810	612291	646722	679021
Off-shore Fishing	588483	651502	720037	794553	836596	900029	958299	1042551	1101176	1156170

Source: Department of Fisheries.

Table 3.16 Area of Hatcheries and Seed Production

Description (1)	2006-07 (2)	2007-08 (3)	2008-09 (4)	2009-10 (5)	2010-11 (6)	2011-12 (7)	2012-13 (6)	2013-14 (8)	2014-15 (9)	2015-16 (10)
Area of Hatcheries(Acre)	755	739	741	741	778	779	779	809	809	809
Fingerlings distribution (000 Nos)	695258	743380	708313	736760	796253	750370	789623	551406	575412	608698

Source: Department of Fisheries.

Table 3.17 Production of Leasable Fisheries

Description (1)	Unit (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
Number of Leasable Fisheries	Nos.	3463	3460	3453	3451	3458	3415	3409	3290	3304	3312
Production of Leasable Fisheries	(000) Viss	104167	116172	128350	145326	153025	173087	177593	186438	193127	207411

Source: Department of Fisheries.

Table 3.18 Area and Production of Fish Ponds

Description (1)	Unit (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
Area of Fish Pond	Acre	436825	442360	444236	447329	448608	450280	451535	452165	470877	479743
Production of Fish Pond	(000) Viss	377448	420857	474455	525563	508254	550574	569139	590422	612168	621228

Source: Department of Fisheries.

Table 3.19 Fresh Water Fisheries by States and Regions

(Thousand Viss)

S.N (1)	States and Regions (2)	2006-2007 (3)	2007-2008 (4)	2008-2009 (5)	2009-2010 (6)	2010-2011 (7)
	Total					
	Aquaculture	377448	420857	466715	525563	508254
	Leasable	104167	116172	127570	145326	153025
	Open	335652	382768	422102	468159	558828
1	Naypyitaw					
	Aquaculture	-	-	-	-	-
	Leasable	-	-	-	-	-
	Open	-	-	-	-	-
2	Kachin State					
	Aquaculture	995	1132	1271	1397	1458
	Leasable	4745	4897	5657	5984	6362
	Open	6542	7613	8793	9293	10086
3	Kayah State					
	Aquaculture	140	152	161	177	218
	Leasable	-	-	-	-	-
	Open	319	357	390	428	498
4	Kayin State					
	Aquaculture	403	457	488	554	606
	Leasable	1228	1360	1365	1474	1603
	Open	4807	5324	5700	6211	6878
5	Chin State					
	Aquaculture	117	130	144	160	172
	Leasable	-	-	-	-	-
	Open	390	434	476	506	560
6	Sagaing Region					
	Aquaculture	6137	7043	7213	8204	8945
	Leasable	13866	15503	16504	17574	18954
	Open	22118	25226	26672	27909	29365
7	Tanintharyi Region					
	Aquaculture	2300	2510	2686	2538	2485
	Leasable	-	-	-	130	235
	Open	7433	8163	9761	13742	16724
8	Bago Region					
	Aquaculture	36138	38445	42854	48747	51836
	Leasable	41473	46653	51345	59725	63607
	Open	66769	77494	81301	88657	94903
9	Magway Region					
	Aquaculture	641	751	861	998	1105
	Leasable	2124	2422	2696	3366	3629
	Open	3241	3736	4078	4929	5346
10	Mandalay Region					
	Aquaculture	8660	9588	10404	12619	12941
	Leasable	13443	15554	16395	17902	19369
	Open	8819	9773	10762	11741	13541
11	Mon State					
	Aquaculture	1844	2233	2275	2262	1877
	Leasable	2740	3417	3641	4750	4558
	Open	21074	21241	28700	38289	42119
12	Rakhine State					
	Aquaculture	18493	20257	22425	22425	18570
	Leasable	-	-	-	-	-
	Open	4383	4917	5587	5835	6539
13	Yangon Region					
	Aquaculture	113650	121738	125691	146595	154418
	Leasable	1061	1226	1294	1376	1478
	Open	15266	16883	18582	20265	28957
14	Shan State					
	Aquaculture	2231	2497	2895	3489	3735
	Leasable	1368	1016	1035	1757	1948
	Open	384	428	483	516	582
15	Ayeyarwady Region					
	Aquaculture	185699	213924	247347	275398	249888
	Leasable	22119	24124	27638	31288	31282
	Open	174107	201179	220817	239838	302730

Table 3.19 Fresh Water Fisheries by States and Regions (Concl'd)

(Thousand Viss)

S.N (1)	States and Regions (2)	2011-2012 (8)	2012-2013 (9)	2013-2014 (10)	2014-2015 (11)	2015-2016 (12)
	Total					
	Aquaculture	550521	569152	590506	612168	621228
	Leasable	173086	177593	186438	193127	207411
	Open	590238	620338	659301	702884	760583
1	Naypyitaw					
	Aquaculture	-	581	692	685	603
	Leasable	-	377	428	409	421
	Open	-	1539	1640	1643	1667
2	Kachin State					
	Aquaculture	1440	1476	1512	1555	2240
	Leasable	6449	6582	6722	6830	6980
	Open	9268	10504	10763	11047	11551
3	Kayah State					
	Aquaculture	228	275	289	319	352
	Leasable	-	-	-	-	-
	Open	501	531	537	539	590
4	Kayin State					
	Aquaculture	659	717	768	846	930
	Leasable	1730	1882	2034	2229	2447
	Open	7420	8073	8740	9570	10489
5	Chin State					
	Aquaculture	184	200	284	297	333
	Leasable	-	-	-	-	-
	Open	610	655	836	848	932
6	Sagaing Region					
	Aquaculture	9248	10043	11011	11969	13258
	Leasable	22424	22987	23335	24957	27031
	Open	35163	36174	36358	40918	44336
7	Tanintharyi Region					
	Aquaculture	2555	2843	3057	3322	3518
	Leasable	242	300	305	319	319
	Open	19077	21036	22680	24497	27056
8	Bago Region					
	Aquaculture	55163	55108	56339	57947	57857
	Leasable	71953	73538	78682	81253	90885
	Open	107891	110484	117798	122978	138168
9	Magway Region					
	Aquaculture	315	321	323	326	341
	Leasable	3986	4029	4061	4075	4132
	Open	6635	6695	6746	6769	6878
10	Mandalay Region					
	Aquaculture	13058	12552	12592	12667	12718
	Leasable	19570	19371	19511	19671	19974
	Open	13938	12687	12901	13111	13357
11	Mon State					
	Aquaculture	1952	1871	2053	2175	2373
	Leasable	5541	4327	4389	4445	4477
	Open	47547	45158	45682	46762	47008
12	Rakhine State					
	Aquaculture	17816	17807	18465	18729	19043
	Leasable	-	-	-	-	-
	Open	7404	7386	7552	6618	6687
13	Yangon Region					
	Aquaculture	166113	178489	190013	202459	208499
	Leasable	1641	1831	2047	2018	2437
	Open	32017	35739	39043	41444	48212
14	Shan State					
	Aquaculture	3855	3936	4067	4202	9135
	Leasable	1928	1989	2025	2112	2185
	Open	622	647	676	699	728
15	Ayeyarwady Region					
	Aquaculture	277935	282933	289041	294670	290028
	Leasable	37622	40380	42899	44809	46123
	Open	302145	323030	347349	375441	402924

Source: Department of Fisheries.

Table 3.20 Fish Culture Ponds by States and Regions

S.N (1)	States and Regions (2)	2006-2007		2007-2008		2008-2009		2009-2010		2010-2011	
		Number (3)	Acre (4)	Number (5)	Acre (6)	Number (7)	Acre (8)	Number (9)	Acre (10)	Number (11)	Acre (12)
	Total	18634	212234	19395	215373	19308	215930	19459	217836	19450	218747
1	Nay Pyi Taw	-	-	-	-	-	-	-	-	-	-
2	Kachin State	265	1154	282	1222	299	1408	313	1492	331	1938
3	Kayah State	74	360	92	400	105	510	105	629	105	638
4	Kayin State	256	396	256	396	78	399	78	400	78	400
5	Chin State	126	101	126	101	126	101	126	101	128	108
6	Sagaing Region	1254	4435	1251	4569	1249	4569	1299	4794	1297	5159
7	Tanintharyi Region	28	350	27	329	29	341	30	351	30	351
8	Bago Region	5579	25570	5584	26354	5521	26276	5515	25888	5480	25748
9	Magway Region	269	417	271	419	271	419	272	426	274	430
10	Mandalay Region	1013	6224	1009	6205	1020	6411	1058	6783	1060	6898
11	Mon State	141	842	142	848	141	884	141	894	145	920
12	Rakhine State	-	-	-	-	-	-	-	-	-	-
13	Yangon Region	4819	58527	4991	59870	4988	59835	4991	59870	4988	59870
14	Shan State	767	2305	1321	3107	1445	3268	1443	3298	1444	3377
15	Ayeyarwady Region	4043	11553	4043	111553	4036	111509	4088	112909	4090	112909

Table 3.20 Fish Culture Ponds by States and Regions (Concl'd)

S.N (1)	States and Regions (2)	2011-2012		2012-2013		2013-2014		2014-2015		2015-2016	
		Number (13)	Acre (14)	Number (15)	Acre (16)	Number (17)	Acre (18)	Number (19)	Acre (20)	Number (21)	Acre (22)
	Total	18934	220171	20337	221395	20426	222028	20410	232515	20546	239671
1	Nay Pyi Taw	-	-	46	162	47	171	47	171	47	171
2	Kachin State	339	1910	349	1990	360	2168	369	2313	369	2312
3	Kayah State	105	673	122	748	123	760	147	798	151	819
4	Kayin State	78	400	84	464	84	464	91	589	142	675
5	Chin State	128	107	596	296	597	296	597	296	597	296
6	Sagaing Region	1334	5465	1405	5809	1453	6023	1595	6374	1817	7128
7	Tanintharyi Region	22	922	22	923	22	923	32	1065	36	1120
8	Bago Region	4904	26003	5666	26009	5667	26014	5688	27158	5710	28324
9	Magway Region	272	425	272	425	271	425	271	425	271	425
10	Mandalay Region	1092	7154	1104	7416	1130	7624	1132	7609	1205	7970
11	Mon State	150	969	150	969	151	975	152	979	156	995
12	Rakhine State	-	-	1	20	1	20	1	20	1	20
13	Yangon Region	4988	59864	4988	59864	4988	59864	4539	65848	4188	66014
14	Shan State	1444	3387	1454	3408	1454	3409	1454	3408	1454	3408
15	Ayeyarwady Region	4078	112892	4078	112892	4078	112892	4295	115462	4402	119993

Source: Department of Fisheries.

Table 3.21 Shrimp Culture Ponds by States and Regions

S.N (1)	States and Regions (2)	2006-2007		2007-2008		2008-2009		2009-2010		2010-2011	
		Number (3)	Acre (4)	Number (5)	Acre (6)	Number (7)	Acre (8)	Number (9)	Acre (10)	Number (11)	Acre (12)
	Total	11543	224591	11549	225725	11537	224656	11846	224868	11850	224950
1	Kachin State	-	-	-	-	-	-	-	-	-	-
2	Kayah State	-	-	-	-	-	-	-	-	-	-
3	Kayin State	5	80	5	80	5	80	5	80	5	80
4	Chin State	-	-	-	-	-	-	-	-	-	-
5	Sagaing Region	-	-	-	-	-	-	-	-	-	-
6	Tanintharyi Region	14	791	14	791	15	821	15	821	15	821
7	Bago Region	1	12	1	12	1	12	1	12	1	12
8	Magway Region	-	-	-	-	-	-	-	-	-	-
9	Mandalay Region	-	-	-	-	-	-	-	-	-	-
10	Mon State	39	1125	39	1125	39	1125	39	1125	39	1125
11	Rakhine State	9633	155533	9633	155533	9633	155533	9633	155533	9633	155533
12	Yangon Region	183	10195	189	11329	176	10229	176	10229	176	10229
13	Shan State	-	-	-	-	-	-	-	-	-	-
14	Ayeyarwady Region	1668	56855	1668	56855	1668	56855	1977	57067	1981	57149

Table 3.21 Shrimp Culture Ponds by States and Regions (Concl'd)

S.N (1)	States and Regions (2)	2011-2012		2012-2013		2013-2014		2014-2015		2015-2016	
		Number (13)	Acre (14)	Number (15)	Acre (16)	Number (17)	Acre (18)	Number (19)	Acre (20)	Number (21)	Acre (22)
	Total	11849	228297	11849	228297	11848	228296	11909	236639	11916	238331
1	Kachin State	-	-	-	-	-	-	-	-	-	-
2	Kayah State	-	-	-	-	-	-	-	-	-	-
3	Kayin State	5	80	5	80	5	80	5	80	6	130
4	Chin State	-	-	-	-	-	-	-	-	-	-
5	Sagaing Region	-	-	-	-	-	-	-	-	-	-
6	Tanintharyi Region	15	4141	15	4141	14	4140	14	4140	13	4138
7	Bago Region	-	40	-	40	-	40	-	40	-	40
8	Magway Region	-	-	-	-	-	-	-	-	-	-
9	Mandalay Region	-	-	-	-	-	-	-	-	-	-
10	Mon State	39	1125	39	1125	39	1125	39	1125	39	1125
11	Rakhine State	9633	155533	9633	155533	9633	155533	9633	155533	9633	156489
12	Yangon Region	176	10229	176	10229	176	10229	226	17829	231	18442
13	Shan State	-	-	-	-	-	-	-	-	-	-
14	Ayeyarwady Region	1981	57149	1981	57149	1981	57149	1992	57892	1994	57968

Source: Department of Fisheries.

Table 3.22 Fish Fry Distribution of Fisheries Department by Fish Breeding Farm

S.N	Station	2006-2007					2007-2008				
		Fish Breeding Pond		Production	Replenish	Distribution	Fish Breeding Pond		Production	Replenish	Distribution
		Number	Acre	(000 No)	(000 No)	(000 No)	Number	Acre	(000 No)	(000 No)	(000 No)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Total	943	575	695258	159683	535574	1010	739	743380	191874	551506
I	Nay Pyi Taw	70	23	58679	21929	36750	70	23	58046	9733	48313
	1.Pyinmana	70	23	58679	21929	36750	70	23	58046	9733	48313
II	Kachin State	31	23	13721	5535	8186	34	23	7749	4058	3691
	1.Bamaw	8	3	3586	1400	2186	8	3	3977	1295	2682
	2.Wynnaw	23	20	10135	4135	6000	26	20	3772	2763	1009
III	Kayin	-	-	-	-	-	-	-	312	312	-
	1.Phaan	-	-	-	-	-	-	-	312	312	-
IV	Sagaing Region	87	26	23347	6286	17061	108	31	31906	11664	20242
	1.Shwe Bo	12	6	5996	2584	3412	20	9	8321	3778	4543
	2.Ye Oo	75	20	15534	3642	11892	75	20	21071	7819	13252
	3.Htee Chaint	-	-	1817	60	1757	13	2	2514	67	2447
V	Bago Region	177	143	67290	18730	48559	176	144	80862	25933	54929
	1.Bago	82	22	41705	9440	32265	82	22	44180	14362	29818
	2.Thanatpin	70	108	12524	3098	9426	70	108	15618	5253	10365
	3.Okpo	25	13	13061	6192	6868	24	14	21064	6318	14746
VI	Magway Region	8	4	4629	3920	709	16	8	5003	3710	1293
	1.Taungdwingyi	8	4	3853	3385	468	8	4	4183	3331	852
	2.Pwint Phyu	-	-	776	535	241	8	4	820	379	441
VII	Mandalay Region	300	178	238449	31330	207119	293	138	246801	39919	206882
	1.Patheingyi	114	28	78740	7340	71400	114	28	82630	10655	71975
	2.Mytthar	122	45	83604	16745	66859	122	45	76627	16100	60527
	3.Natyakan	40	85	53458	5995	47463	33	45	59147	11134	48013
	4.Mattayer	24	20	22647	1250	21397	24	20	28397	2030	26367
VIII	Mon State	8	20	10831	5657	5174	8	4	9303	3590	5713
	1.Tahton	8	20	10831	5657	5174	8	4	9303	3590	5713
IX	Yangon Region	140	154	162850	39883	122968	155	157	178993	58717	120276
	1.Hlawga	50	52	89807	23865	65943	65	56	90354	30678	59676
	2.Twantay	42	79	42591	12188	30403	42	79	52131	23347	28783
	3.Lay Daungh Kan	48	23	30452	3830	26622	48	23	36508	4692	31817
X	Shan State	13	7	4377	3183	1194	21	10	3594	2503	1091
	1.Larshio	9	3	1076	896	180	9	3	325	325	-
	2.Naung Shwe	4	4	3301	2287	1014	12	7	3269	2178	1091
XI	Ayeyarwady Region	109	179	111085	23230	87854	129	200	120811	31735	89076
	1.Pathein	29	11	23800	3925	19875	38	27	18854	8254	10600
	2.Hinthada	7	3	12515	4775	7740	18	9	14733	4431	10302
	3.Talokehla	28	89	22710	4880	17830	28	89	27385	5825	21560
	4.Aung Hait	22	46	20206	4300	15906	22	46	25275	5225	20050
	5.Pantanaw	23	30	31854	5350	26503	23	30	34564	8000	26564

Table 3.22 Fish Fry Distribution of Fisheries Department by Fish Breeding Farm (Cont'd)

S.N	Station	2008-2009					2009-2010				
		Fish Breeding Pond		Production	Replenish	Distribution	Fish Breeding Pond		Production	Replenish	Distribution
		Number	Acre	(000 No)	(000 No)	(000 No)	Number	Acre	(000 No)	(000 No)	(000 No)
(1)	(2)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
	Total	1008	764	708312	216998	491314	1008	742	736763	224257	512506
I	Nay Pyi Taw	70	23	59292	13233	46059	70	23	69200	14652	54548
	1.Pyinmana	70	23	59292	13233	46059	70	23	69200	14652	54548
II	Kachin State	34	23	7061	4214	2847	34	23	9754	5765	3989
	1.Bamaw	8	3	3187	1379	1808	8	3	3531	1480	2051
	2.Wynnaw	26	20	3874	2835	1039	26	20	6223	4285	1938
III	Kayin	7	6	633	351	282	7	6	668	363	305
	1.Phaan	7	6	633	351	282	7	6	668	363	305
IV	Sagaing Region	108	31	22063	7088	14975	108	31	29092	8574	20518
	1.Shwe Bo	20	9	6732	3755	2977	20	9	7629	3896	3733
	2.Ye Oo	75	20	12728	3100	9628	75	20	17660	4360	13300
	3.Htee Chaint	13	2	2603	233	2370	13	2	3803	318	3485
V	Bago Region	176	143.82	63123	25423	37700	176	144	91194	53731	37463
	1.Bago	82	22	36216	12723	23493	82	22	43127	25646	17481
	2.Thanatpin	70	108	13512	5117	8395	70	108	27060	14925	12135
	3.Okpo	24	14	13395	7583	5812	24	14	21007	13160	7847
VI	Magway Region	16	8	5300	4825	475	16	8	7329	6100	1229
	1.Taungdwingyi	8	4	3645	3440	205	8	4	4947	4025	922
	2.Pwint Phyu	8	4	1655	1385	270	8	4	2382	2075	307
VII	Mandalay Region	293	160.74	241482	36083	205399	293	138	244431	34463	209968
	1.Patheingyi	114	28	82883	8510	74373	114	28	84290	7985	76305
	2.Mytthar	122	45	81374	18100	63274	122	45	79644	15900	63744
	3.Natyakan	33	45	59028	7010	52018	33	45	59472	7485	51987
	4.Mattayer	24	20	18197	2463	15734	24	20	21025	3093	17932
VIII	Mon State	8	4	6815	1835	4980	8	4	3475	1750	1725
	1.Tahton	8	4	6815	1835	4980	8	4	3475	1750	1725
IX	Yangon Region	155	157.22	216947	80480	136467	155	158	163121	62915	100206
	1.Hlawga	65	56	90556	30660	59896	65	56	91456	33509	57947
	2.Twantay	42	79	87150	45100	42050	42	79	31396	21095	10301
	3.Lay Daung Kan	48	23	39241	4720	34521	48	23	40269	8311	31958
X	Shan State	12	7	6254	5744	510	12	7	3226	2367	859
	1.Larshio	-	-	-	-	-	-	-	-	-	-
	2.Naung Shwe	12	7	6254	5744	510	12	7	3226	2367	859
XI	Ayeyarwady Region	129	200.43	79342	37722	41620	129	200	115273	33577	81696
	1.Pathein	38	27	11199	9079	2120	38	27	26334	9294	17040
	2.Hinthada	18	9	5955	4525	1430	18	9	10080	4015	6065
	3.Talokehla	28	89	19243	6543	12700	28	89	26865	6600	20265
	4.Aung Hait	22	46	18563	6963	11600	22	45	22031	4500	17531
	5.Pantanaw	23	30	24382	10612	13770	23	30	29963	9168	20795

Table 3.22 Fish Fry Distribution of Fisheries Department by Fish Breeding Farm (Cont'd)

S.N	Station	2010-2011					2011-2012				
		Fish Breeding Pond		Production	Replenish	Distribution	Fish Breeding Pond		Production	Replenish	Distribution
		Number	Acre	(000 No)	(000 No)	(000 No)	Number	Acre	(000 No)	(000 No)	(000 No)
(1)	(2)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
	Total	1028	777	793252	263790	532462	1029	778.18	750300	268005	482364
I	Nay Pyi Taw	70	23	78660	28061	50599	70	23	100070	46070	54000
	1.Pyinmana	70	23	78660	28061	50599	70	23	100070	46070	54000
II	Kachin State	39	26	19011	10923	8088	39	26	13629	8407	5222
	1.Bamaw	13	6	9752	5695	4057	13	20	8088	5732	2356
	2.Wynnaw	26	20	9259	5228	4031	26	6	5541	2675	2866
III	Kayin	20	12	3517	2237	1280	20	12	2197	1681	516
	1.Phaan	20	12	3517	2237	1280	20	12	2197	1681	516
IV	Sagaing Region	115	37	23655	9876	16779	115	37	23988	10073	13914
	1.Shwe Bo	20	9	10617	4467	6150	20	9	5353	2620	2733
	2.Ye Oo	75	20	10329	5090	5239	75	20	11815	5290	6524
	3.Htee Chaint	20	8	2709	319	5390	20	8	6820	2163	4657
V	Bago Region	180	175	68227	22077	46150	180	174.65	69698	26858	42840
	1.Bago	70	23	40089	12220	27869	70	23	39964	13908	26056
	2.Thanatpin	81	135	15441	4840	10601	81	135	15156	6430	8726
	3.Okpo	29	17	12697	5017	7680	29	17	14578	6520	8058
VI	Magway Region	16	8	8584	6488	2096	16	8	7502	5550	1952
	1.Taungdwingyi	8	4	5519	4355	1164	8	4	4552	3535	1017
	2.Pwint Phyu	8	4	3065	2133	932	8	4	2950	2015	935
VII	Mandalay Region	272	138	294861	85905	208956	272	138.43	214438	44496	169942
	1.Patheingyi	93	28	97871	37465	60406	93	28	82420	23495	58925
	2.Mytthar	122	45	110999	28000	82999	122	45	77224	11241	65983
	3.Natyakan	33	45	58951	16790	42161	33	45	37111	6635	30476
	4.Mattayer	24	20	27040	3650	23390	24	20	17683	3125	14558
VIII	Mon State	12	6	5129	2076	3053	13	7	6713	2715	3998
	1.Thahton	12	6	5129	2076	3053	13	7	6713	2715	3998
IX	Yangon Region	139	107	186761	61371	125390	139	107.4	180268	78356	101912
	1.Hlawga	64	56	101801	34040	67761	64	56	81844	28865	52979
	2.Twantay	27	28	44490	20320	24170	27	28	47555	36525	11030
	3.Lay Daungh Kan	48	23	40470	7011	33459	48	23	50869	12966	37903
X	Shan State	15	8	3067	1896	1171	15	8	2914	1409	1505
	1.Larshio	-	-	-	-	-	-	-	-	-	-
	2.Naung Shwe	15	8	3067	1896	1171	15	8	2914	1409	1505
XI	Ayeyarwady Region	150	237	101780	32880	68900	150	237.53	128883	42390	86563
	1.Pathein	38	27	20893	9508	11385	38	27	25826	13124	12772
	2.Hinthada	18	9	9631	4252	5379	18	9	13010	5869	7141
	3.Talokehla	28	89	10820	4710	6110	28	89	15252	6914	8338
	4.Aung Hait	22	45	25203	5042	20161	22	46	27358	8296	19062
	5.Pantanaw	44	67	35233	9368	25865	44	67	47437	8187	39250

Table 3.22 Fish Fry Distribution of Fisheries Department by Fish Breeding Farm (Cont'd)

S.N	Station	2012-2013					2013-2014				
		Fish Breeding Pond		Production	Replenish	Distribution	Fish Breeding Pond		Production	Replenish	Distribution
		Number	Acre	(000 No)	(000 No)	(000 No)	Number	Acre	(000 No)	(000 No)	(000 No)
(1)	(2)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
	Total	1029	778	789623	172351	617272	1006	810	551406	65126	486280
I	Nay Pyi Taw	70	23	56295	8918	47377	78	25	19719	2621	17098
	1.Pyinmana	70	23	56295	8918	47377	78	25	19719	2621	17098
II	Kachin State	39	26	16736	9636	7100	32	31	11447	3930	7517
	1.Bamaw	13	6	6870	2685	4185	22	21	5742	1762	3979
	2.Wynnaw	26	20	9866	6951	2915	10	10	5705	2168	3538
III	Kayin	20	12	1998	1394	604	20	12	2452	618	1834
	1.Phaan	20	12	1998	1394	604	20	12	2452	618	1834
IV	Sagaing Region	115	37	21375	2668	18707	113	37	21694	2390	19304
	1.Shwe Bo	20	9	6452	1090	5362	20	9	6589	863	5726
	2.Ye Oo	75	20	10293	1161	9132	75	20	9530	940	8590
	3.Htee Chaint	20	8	4630	417	4213	18	8	5575	587	4988
V	Bago Region	180	175	74165	14615	59550	161	175	73114	8127	64987
	1.Bago	70	23	40343	7527	32816	54	24	35608	2532	33076
	2.Thanatpin	81	135	17098	3481	13617	81	135	15161	2868	12293
	3.Okpo	29	17	16724	3607	13117	26	17	22345	2727	19618
VI	Magway Region	16	8	10662	8380	2282	22	9	9404	2805	6599
	1.Taungdwingyi	8	4	5279	4080	1199	8	4	3671	1175	2496
	2.Pwint Phyu	8	4	5383	4300	1083	14	5	5733	1630	4103
VII	Mandalay Region	272	138	290900	58175	232725	278	178	186448	16919	169529
	1.Patheingyi	93	28	87519	13860	73659	93	28	79267	4962	74305
	2.Mytthar	122	45	99660	25590	74070	123	45	58215	7365	50850
	3.Natyakan	33	45	78626	11900	66726	38	85	36549	784	35765
	4.Mattayer	24	20	25095	6825	18270	24	20	12417	3808	8609
VIII	Mon State	13	6	7100	4302	2798	10	7	3142	751	2391
	1.Thahton	13	6	7100	4302	2798	10	7	3142	751	2391
IX	Yangon Region	139	107	177925	29150	148775	131	98	141582	18867	122715
	1.Hlawga	64	56	80445	5202	75243	56	56	59329	230	59099
	2.Twantay	27	28	37638	13610	24028	27	19	44549	14177	30372
	3.Lay Daungh Kan	48	23	59842	10338	49504	48	23	37704	4460	33244
X	Shan State	15	8	4818	2878	1940	6	8	3125	821	2304
	1.Larshio	-	-	-	-	-	-	-	-	-	-
	2.Naung Shwe	15	8	4818	2878	1940	6	8	3125	821	2304
XI	Ayeyarwady Region	150	238	127649	32235	95414	155	229	79279	7277	72002
	1.Pathein	38	27	20701	7505	13196	38	27	19095	2190	16905
	2.Hinthada	18	9	11918	2713	9205	18	9	13400	3200	10200
	3.Talokehla	28	89	15981	7085	8896	32	80	13046	181	12865
	4.Aung Hait	22	46	24694	8087	16607	23	46	14364	132	14232
	5.Pantanaw	44	67	54355	6845	47510	44	67	19374	1574	17800

Table 3.22 Fish Fry Distribution of Fisheries Department by Fish Breeding Farm (Concl'd)

S.N	Station	2014-2015					2015-2016				
		Fish Breeding Pond		Production	Replenish	Distribution	Fish Breeding Pond		Production	Replenish	Distribution
		Number (43)	Acre (44)	(000 No) (45)	(000 No) (46)	(000 No) (47)	Number (48)	Acre (49)	(000 No) (50)	(000 No) (51)	(000 No) (52)
(1)	(2)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)
	Total	1006	809	575412	97312	478100	1006	809.46	608698	84074	524624
I	Nay Pyi Taw	78	25	56156	18001	38155	78	25	56149	17341	38808
	1.Pyinmana	78	25	56156	18001	38155	78	25	56149	17341	38808
II	Kachin State	32	31	9893	3721	6172	32	31	10914	3776	7138
	1.Bamaw	10	10	6001	2245	3756	22	21	6435	2130	4305
	2.Wynmaw	22	21	3892	1476	2416	10	10	4479	1646	2833
III	Kayin	20	12	3216	989	2227	20	12	3329	850	2479
	1.Phaan	20	12	3216	989	2227	20	12	3329	850	2479
IV	Sagaing Region	113	37	25072	3107	21965	113	37	26263	2688	23575
	1.Shwe Bo	20	9	7481	1537	5944	20	9	7904	1503	6401
	2.Ye Oo	75	20	11334	1040	10294	75	20	11389	540	10849
	3.Htee Chaint	18	8	6257	530	5727	18	8	6970	645	6325
V	Bago Region	161	174.5	68640	15648	52992	161	175	69995	15046	54949
	1.Bago	54	24	35226	8114	27112	54	24	35570	8109	27461
	2.Thanatpin	81	135	17772	4083	13689	81	135	18214	3785	14429
	3.Okpo	26	16	15642	3451	12191	26	16	16211	3152	13059
VI	Magway Region	22	9	8489	3862	4627	22	9	9546	4097	5449
	1.Taungdwingyi	8	4	4053	1828	2225	8	4	4296	2012	2284
	2.Pwint Phyu	14	5	4436	2034	2402	14	5	5250	2085	3165
VII	Mandalay Region	278	178.07	157184	15521	141663	278	178	174461	3947	170514
	1.Patheingyi	93	28	73936	1725	72211	93	28	77043	540	76503
	2.Mytthar	123	45	59268	9250	50018	123	45	71063	132	70931
	3.Natyakan	38	85	11494	402	11092	38	85	10	10	-
	4.Mattayer	24	20	12486	4144	8342	24	20	26345	3265	23080
VIII	Mon State	10	7	3218	965	2253	10	7	3403	651	2752
	1.Thahton	10	7	3218	965	2253	10	7	3403	651	2752
IX	Yangon Region	131	98	152836	21265	131571	131	98	165363	20969	144394
	1.Hlawga	56	56	73744	3513	70231	56	56	80407	2851	77556
	2.Twantay	27	19	40652	12995	27657	27	19	42011	13500	28511
	3.Lay Daungh Kan	48	23	38440	4757	33683	48	23	42945	4618	38327
X	Shan State	6	8	4458	1413	3045	6	8	5835	882	4953
	1.Larshio	-	-	-	-	-	-	-	-	-	-
	2.Naung Shwe	6	8	4458	1413	3045	6	8	5835	882	4953
XI	Ayeyarwady Region	155	229.05	86250	12820	73430	155	229	83440	13827	69613
	1.Pathein	38	27	19813	4423	15390	38	27	19367	2024	17343
	2.Hinthada	18	9	14439	3289	11150	18	9	12460	2200	10260
	3.Talokehla	32	80	14936	456	14480	32	80	17366	2806	14560
	4.Aung Hait	23	46	14539	389	14150	23	46	13552	1162	12390
	5.Pantanaw	44	67	22523	4263	18260	44	67	20695	5635	15060

Source : Department of Fisheries.

Table 3.23 Production of Fish Fingerlings by Department of Fisheries

(Million Numbers)											
S.N	Particulars	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Total	6952.58	7433.80	7083.12	7367.63	7962.53	7503.70	7896.23	5514.06	5754.12	6086.98
1	Nga Myit Chin (Rohu)	5297.39	5418.23	5307.33	5272.6	4601.79	5354.09	5492.01	3848.61	3975.69	4196.00
2	Shwe Wa Ngagyin (Common Carp)	579.28	708.70	567.83	773.70	838.82	492.23	455.79	419.14	387.51	359.81
3	Myetsa Ngagyin (Grass Carp)	80.34	63.36	58.81	41.70	83.97	38.33	134.00	55.98	54.83	53.78
4	Nga Gaung Pwa(Catla)	46.38	60.89	49.50	51.90	117.33	65.47	96.37	70.54	69.76	68.77
5	Ngagyin Phyu (Mrigal Carp)	38.17	33.89	18.25	28.50	66.52	45.54	60.87	28.54	22.75	31.90
6	Tilapia	137.27	133.75	129.99	200.60	183.63	178.83	130.63	135.71	114.92	117.92
7	Ngwe Yaung (Silver Carp)	31.34	30.32	32.44	33.80	56.29	68.94	52.46	55.33	47.15	41.46
8	Gaung Gyi(Bighead Carp)	26.39	21.10	23.00	21.93	38.00	35.39	23.05	27.85	22.03	28.30
9	Nga Khu(Welsing Catfish)	18.03	-	-	-	-	0.50	-	-	0.01	-
10	Nga Dan (Striped Catfish)	170.52	117.24	100.76	46.60	93.84	56.60	89.76	71.11	56.75	77.87
12	Nga Khone Ma	370.95	752.93	687.12	862.30	1814.39	1127.61	1278.63	734.78	895.41	1008.79
13	Nga Phame Ma	3.50	-	-	-	-	-	-	-	1.05	-
15	Nga Moke	153.02	93.39	108.09	32.9	67.33	36.90	76.33	55.69	73.25	82.65
16	Bee lar	-	-	-	-	0.60	0.20	-	-	-	1.70
17	Sul Tan	-	-	-	-	-	0.04	-	0.60	-	-
18	Nga kyi	-	-	-	-	-	3.00	2.50	1.00	0.50	1.00
19	Nga U Done	-	-	-	-	-	-	0.65	-	-	-
20	Nga Dane	-	-	-	-	-	-	1.00	-	-	0.50
21	Nga Tha Launt	-	-	-	-	-	-	-	5.65	16.00	5.50
22	Nga Phane	-	-	-	-	-	0.03	2.18	3.53	16.51	11.03
23	Nga Net pyar	-	-	-	0.50	-	-	-	-	-	-
24	Nga Tyne	-	-	-	0.60	-	-	-	-	-	-
25	Vietnam Nga Dan	-	-	-	-	0.02	-	-	-	-	-

Source : Department of Fisheries.

Table 3.24 Fishing Vessel (Off-shore), Fishing Vessel (In-shore) and Fishing Gear

(Number)											
S.N (1)	Particular (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
1	Small Fishing Boat										
	Powered Boat	14284	14289	14025	13788	13823	12288	12157	12490	12240	13831
	Non-Powered Boat	16284	15219	14645	17054	15548	15463	12757	13732	13391	12583
2	Off-shore Vessels										
	National	1871	1863	1758	1814	2196	2598	2724	2736	2840	3030
	Foreign	206	248	356	391	396	264	150	153	52	11
3	Fishing Gear										
	(One Set of Net)	31704	19633	29030	31347	31101	28904	27638	30648	29791	32509

Source : Department of Fisheries.

Table 3.25 Number of Raising Crocodile by Size

S.N (1)	Size (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
	Total	657	733	719	620	501	604	570	500	517	529
1	1 - feet	188	249	200	130	23	130	155	75	86	96
2	2 - feet	24	26	45	45	44	44	37	49	49	40
3	3 - feet	155	151	127	91	75	70	29	8	10	9
4	4 - feet	123	107	127	127	116	116	112	77	78	83
5	5 - feet	30	48	59	66	75	78	77	66	41	25
6	6 - feet	46	23	21	26	33	35	30	50	48	48
7	7 - feet	10	52	34	31	30	28	27	65	81	102
8	8 - feet	30	29	55	57	56	54	54	60	74	75
9	9 - feet	20	20	21	18	20	20	20	20	20	20
10	10 - feet	16	15	15	15	15	15	15	15	15	16
11	10 - feet (above)	15	13	15	14	14	14	14	15	15	15

Source : Department of Fisheries.

Table 3.26 Teak and Hardwood Logs Extraction by States and Regions

(Cubic Ton)

S.N (1)	States and Regions (2)	Description (3)	2006-2007 (4)	2007-2008 (5)	2008-2009 (6)	2009-2010 (7)	2010-2011 (8)
	Union	Total	1540505	1612858	1564010	1648968	1530402
		Teak	323000	343665	247621	201312	232517
		Hardwood	1217505	1269193	1316389	1447656	1297885
1	Naypyitaw	Total	-	-	-	-	-
		Teak	-	-	-	-	-
		Hardwood	-	-	-	-	-
2	Kachin State	Total	70582	89599	92349	124664	161196
		Teak	-	717	426	8	684
		Hardwood	70582	88882	91923	124656	160512
3	Kayah State	Total	2968	12643	10319	14749	9438
		Teak	-	7145	4375	5462	2390
		Hardwood	2968	5498	5944	9287	7048
4	Kayin State	Total	23779	18623	21897	17184	10997
		Teak	7278	8449	1253	434	362
		Hardwood	16501	10174	20644	16750	10635
5	Chin State	Total	4299	7086	4497	3712	4864
		Teak	329	-	-	-	-
		Hardwood	3970	7086	4497	3712	4864
6	Sagaing Region	Total	317469	479586	507394	516255	465309
		Teak	61393	78381	64161	45374	38310
		Hardwood	256076	401205	443233	470881	426999
7	Tanintharyi Region	Total	64176	49563	74984	55389	29333
		Teak	-	3	-	-	-
		Hardwood	64176	49560	74984	55389	29333
8	Bago Region	Total	355619	315658	279751	349399	276483
		Teak	47018	58251	28303	37390	37072
		Hardwood	308601	257407	251448	312009	239411
9	Magway Region	Total	70411	56686	46010	58947	47396
		Teak	4803	3269	1080	3673	1030
		Hardwood	65608	53417	44930	55274	46366
10	Mandalay Region	Total	275799	195572	201662	191384	261464
		Teak	138612	105439	82223	73257	103124
		Hardwood	137187	90133	119439	118127	158340
11	Mon State	Total	7690	15438	10758	13047	10737
		Teak	-	-	-	2	-
		Hardwood	7690	15438	10758	13045	10737
12	Rakhine State	Total	17256	17376	19058	14227	14599
		Teak	1256	376	-	-	-
		Hardwood	16000	17000	19058	14227	14599
13	Yangon Region	Total	-	-	-	-	-
		Teak	-	-	-	-	-
		Hardwood	-	-	-	-	-
14	Shan State	Total	250878	268829	249126	222175	177134
		Teak	60676	80462	64894	35687	49341
		Hardwood	190202	188367	184232	186488	127793
15	Ayeyarwady Region	Total	79579	86199	46205	67836	61452
		Teak	1635	1173	906	25	204
		Hardwood	77944	85026	45299	67811	61248

Table 3.26 Teak and Hardwood Logs Extraction by States and Regions (Concl'd)

(Cubic Ton)							
S.N	States and Regions	Description	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
(1)	(2)	(3)	(9)	(10)	(11)	(12)	(13)
	Union	Total	1692408	1858187	1613739	741747	692066
		Teak	287293	300083	329315	128220	70826
		Hardwood	1405115	1558104	1284424	613527	621240
1	Naypyitaw	Total	31720	29168	25879	9850	7257
		Teak	2639	4480	2451	1075	330
		Hardwood	29081	24688	23428	8775	6927
2	Kachin State	Total	120235	92078	2181	19975	24835
		Teak	-	480	-	2011	448
		Hardwood	120235	91598	2181	17964	24387
3	Kayah State	Total	12213	17872	24141	18414	4126
		Teak	3104	6490	9555	9882	2170
		Hardwood	9109	11382	14586	8532	1956
4	Kayin State	Total	11687	12019	12700	1518	1610
		Teak	405	519	254	30	50
		Hardwood	11282	11500	12446	1488	1560
5	Chin State	Total	4864	3505	1406	8389	6696
		Teak	-	-	-	873	1082
		Hardwood	4864	3505	1406	7516	5614
6	Sagaing Region	Total	549008	636969	455357	288518	342113
		Teak	49418	46470	61173	29072	24290
		Hardwood	499590	590499	394184	259446	317823
7	Tanintharyi Region	Total	68806	129867	176219	54431	32281
		Teak	-	-	3	-	-
		Hardwood	68806	129867	176216	54431	32281
8	Bago Region	Total	336043	412640	293416	92678	56744
		Teak	48616	84486	48195	16233	6794
		Hardwood	287427	328154	245221	76445	49950
9	Magway Region	Total	48554	42034	47765	23663	21990
		Teak	2634	1742	6986	2854	2065
		Hardwood	45920	40292	40779	20809	19925
10	Mandalay Region	Total	246844	251752	342526	150269	104862
		Teak	130040	128280	138152	44209	12323
		Hardwood	116804	123472	204374	106060	92539
11	Mon State	Total	13511	16084	12954	5202	4006
		Teak	77	21	-	4	4
		Hardwood	13434	16063	12954	5198	4002
12	Rakhine State	Total	17264	13055	20038	4172	4431
		Teak	360	232	-	330	295
		Hardwood	16904	12823	20038	3842	4136
13	Yangon Region	Total	-	-	-	-	-
		Teak	-	-	-	-	-
		Hardwood	-	-	-	-	-
14	Shan State	Total	169227	153389	140921	52762	52628
		Teak	49900	26397	62483	21632	20975
		Hardwood	119327	126992	78438	31130	31653
15	Ayeyarwady Region	Total	62432	47755	58236	11906	28487
		Teak	100	486	63	15	-
		Hardwood	62332	47269	58173	11891	28487

Source: Myanmar Timber Enterprise.

Table 3.27 Production and Distribution of Teak

(Cubic Ton)						
S.N (1)	Description (2)	2006-2007 (3)	2007-2008 (4)	2008-2009 (5)	2009-2010 (6)	2010-2011 (7)
1	Teak (Logs)					
	1.Production	422264	422931	407621	453047	497506
	1.Opening Stock at saw mills	99264	79266	160000	251735	264989
	2.Arrival at mills during the year*	323000	343665	247621	201312	232517
	3.Border trade	-	-	-	-	-
	4.Others**	-	-	-	-	-
	2.Distribution during the year	422264	422931	407621	453047	497506
	1.Saw mills	19662	13130	10824	17964	25646
	2.Local sales	1333	470	211	1876	1142
	3.Export	287095	227344	139781	163146	229381
	4.Border trade	-	-	-	-	-
	5.Others**	34908	21987	5070	5072	21741
	6.Stock	79266	160000	251735	264989	219596
2	Teak (Sawn Timber)					
	1.Production	21159	15513	11451	13565	20714
	1.Opening Stock at saw mills	2876	2006	2504	3255	6657
	2.Sawn timber during the year	10868	8247	6157	10310	14057
	3.Others**	7415	5260	2790	-	-
	2.Distribution during the year	21159	15513	11451	13565	20714
	1. Local sales	4217	2074	862	3293	2361
	2.Export	8886	3465	1960	3615	4040
	3.Others**	6050	7470	5374	-	-
	4.Stock	2006	2504	3255	6657	14313

Table 3.27 Production and Distribution of Teak (Concl'd)

(Cubic Ton)						
S.N	Description	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016(p)
(1)	(2)	(8)	(9)	(10)	(11)	(12)
1	Teak (Logs)					
	1.Production	506889	467025	429550	265655	201705
	1.Opening Stock at saw mills	219596	166942	100235	6285	66180
	2.Arrival at mills during the year*	287293	300083	329315	128220	70826
	3.Border trade	-	-	-	-	-
	4.Others**	-	-	-	131150	64699
	2.Distribution during the year	506889	467025	429550	265655	201705
	1.Saw mills	35262	26297	35624	16949	14400
	2.Local sales	566	1923	6891	9726	15789
	3.Export	285544	309054	367376	172800	108982
	4.Border trade	-	-	-	-	-
	5.Others**	18575	29516	13374	-	-
	6.Stock	166942	100235	6285	66180	62534
2	Teak (Sawn Timber)					
	1.Production	34151	34644	36351	27088	21846
	1.Opening Stock at saw mills	14313	22009	19874	19972	9451
	2.Sawn timber during the year	19838	12635	16477	7116	5959
	3.Others**	-	-	-	-	6436
	2.Distribution during the year	34151	34644	36531	27088	21846
	1. Local sales	5216	4831	5770	5592	3506
	2.Export	6926	9939	10609	8888	11845
	3.Others**	-	-	-	3157	-
	4.Stock	22009	19874	19972	9451	6495

Note: * Includes timber at terminal depots
 ** Adjusted Stock

Source: Myanmar Timber Enterprise.

Table 3.28 Plantation of Teak Trees

S.N (1)	Description (2)	Unit (3)	2006-2007 (4)	2007-2008 (5)	2008-2009 (6)	2009-2010 (7)	2010-2011 (8)
1	Area & number of trees at the beginning of the year						
	1. Number of trees	Thousand No	33094	34409	35710	37180	38728
	2. Area	Acre	735426	764641	793566	826216	860616
2	Area & trees planted during the year						
	1. Number of trees	Thousand No	1315	1302	1469	1548	1390
	2. Area	Acre	29215	28925	32650	34400	30885
3	Area & trees planted at the end of the year						
	1. Number of trees	Thousand No	34409	35710	37180	38728	40118
	2. Area	Acre	764641	793566	826216	860616	891501
4	Thinnings undertaken during the year	Acre	-	-	-	-	-

Table 3.28 Plantation of Teak Trees (Concl'd)

S.N (1)	Description (2)	Unit (3)	2011-2012 (9)	2012-2013 (10)	2013-2014 (11)	2014-2015 (12)	2015-2016(p.a) (13)
1	Area & number of trees at the beginning of the year						
	1. Number of trees	Thousand No	40118	41223	41777	42311	42588
	2. Area	Acre	891501	916051	928351	940251	946401
2	Area & trees planted during the year						
	1. Number of trees	Thousand No	1105	554	536	277	124
	2. Area	Acre	24550	12300	11900	6150	2750
3	Area & trees planted at the end of the year						
	1. Number of trees	Thousand No	41223	41777	42311	42588	42712
	2. Area	Acre	916051	928351	940251	946401	949151
4	Thinnings undertaken during the year	Acre	-	-	-	-	-

Notes: Include teak and hardwood thinnings undertaken during the Year.

Source: Department of Forest.

Table 3.29 Production of Plywood by Region

(Square Feet)

S.N (1)	Regions (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
	Union	2199532	1871498	1427943	2042587	1549539	1917878	1653658	1696464	772996	88730
1	Sagaing Region	363522	380310	157743	216035	205684	594813	437763	350119	67772	23447
2	Mandalay Region	-	-	-	345583	44807	-	-	-	-	-
3	Bago Region	-	-	-	-	-	-	-	-	-	-
4	Yangon Region	841056	562220	210281	415397	208167	427208	236513	288931	114535	30923
5	Ayeyarwady Region	994954	928968	1059919	1065572	1090881	895857	979382	1057414	590689	34360

Source: Myanma Timber Enterprise.

Table 3.30 Production of Veneer by States and Regions

(Square Feet)

S.N (1)	States and Regions (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15 (11)	2015-16 (12)
	Union	80195338	97474394	89912856	94818771	155166234	169521062	175023881	220033245	118037390	9488
1	Sagaing Region	33035880	33570450	27390758	28354737	35984469	34839393	35140662	46154776	21951563	-
2	Yangon Region	11737332	2650631	9666569	13855157	32782302	30260387	52275627	110671041	57242142	9488
3	Ayeyarwady Region	10660845	22323513	16955436	36154381	50346876	46734109	49075706	18248635	5008845	-
4	Mandalay Region	24761281	38929800	35900093	16454496	33059464	53783205	36921843	44958793	33834840	-
5	Rakhine State	-	-	-	-	2993123	3903968	1610043	-	-	-

Source: Myanma Timber Enterprise.

Table 3.31 Production of Veneer in Plywood Factories

(Square Feet)											
S.N	Particular	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16 (P.a)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	No.(1)Plywood Factory	10862511	1072606	6261060	12218485	29644858	29482745	37144931	64234850	20530074	-
2	No.(2)Plywood Factory	874821	1578025	3405509	1636672	3137444	664866	15055258	21446786	13335204	-
3	No.(4)Plywood Factory	10660845	22323513	16955436	36154381	50346876	46734109	49075706	18248635	5008845	-
4	No.(5)Plywood Factory	11059380	4829224	3646899	2385421	6096922	5543194	3408704	13669428	3303337	-
5	No.(7)Plywood Factory	-	-	-	-	-	112776	75438	-	-	-
6	Veneer(1)	21976500	28741226	23743859	25969316	29887547	29296199	31731958	32485348	18648226	-
7	Veneer(2)	-	-	-	-	2993123	3903968	1610043	-	-	9488
8	Veneer(3)	-	-	-	-	-	-	-	24989405	19444730	-
9	MF(2B)	24761281	38929800	35900093	16454496	33059464	53783205	36921843	44958793	33834840	-
10	Furniture(4)	-	-	-	-	-	-	-	-	3932134	-
	Total	80195338	97474394	89912856	94818771	155166234	169521062	175023881	220033245	118037390	9488

Note: No.(3) Plywood Factory is Joint-Venture.

Source : Myanma Timber Enterprise.

Table 3.32 Production and Distribution of Hardwood

(Cubic Ton)						
S.N (1)	Description (2)	2006-2007 (3)	2007-2008 (4)	2008-2009 (5)	2009-2010 (6)	2010-2011 (7)
1	Hardwood (Logs)					
	1.Production	1509471	1568966	1504988	1756588	1642785
	1.Opening Stock at saw mills	193721	203003	164774	171769	179915
	2.Arrival at mills during the year*	1217505	1269193	1316389	1447656	1297885
	3.Border trade	-	-	-	-	-
	4.Others**	98245	96770	23825	137163	164985
	2.Distribution during the year	1509471	1568966	1504988	1756588	1642785
	1.Saw mills	304095	291851	330053	433979	394538
	2.Local sales	46043	44252	35209	52277	73875
	3.Export	594491	701416	547048	698364	761754
	4.Wood Base Industries	21250	51879	41930	80499	71283
	5.Raw For Industry	-	-	-	36072	37881
	6.Others**	340589	314794	378979	275782	207596
	7.Stock	203003	164774	171769	179615	95858
2	Hardwood (Sawn Timber)					
	1.Production	213781	197127	266586	324721	303753
	1.Opening Stock at saw mills	25808	9982	16822	26673	36772
	2.Sawn timber during the year	186157	185391	210617	276154	259010
	3.Others**	1816	1754	39147	21894	7971
	2.Distribution during the year	213781	197127	266586	324721	303753
	1.Local sales	156923	135149	148567	216530	236406
	2.Export	-	284	1096	202	470
	3.Others**	46876	44872	90250	71217	37286
	4.Stock	9982	16822	26673	36772	29591

Table 3.32 Production and Distribution of Hardwood (Concl'd)

(Cubic Ton)						
S.N (1)	Description (2)	2011-2012 (8)	2012-2013 (9)	2013-2014 (10)	2014-2015 (11)	2015-2016 (p) (12)
1	Hardwood (Logs)					
	1.Production	1722173	1745559	1691772	982706	779593
	1.Opening Stock at saw mills	95858	187455	67459	44311	105283
	2.Arrival at mills during the year*	1405115	1558104	1284424	613527	621240
	3.Border trade	-	-	-	-	-
	4.Others**	221200	-	339889	324868	53070
	2.Distribution during the year	1722173	1745559	1691772	982706	779593
	1.Saw mills	352785	227799	242827	77600	73396
	2.Local sales	169304	84366	201419	360732	290715
	3.Export	850619	871062	1118540	422179	262657
	4.Wood Base Industries	61760	61587	84675	16912	-
	5.Raw For Industry	-	-	-	-	-
	6.Others**	100250	433286	-	-	-
	7Stock	187455	67459	44311	105283	152825
2	Hardwood (Sawn Timber)					
	1.Production	262904	184846	201313	82779	57332
	1.Opening Stock at saw mills	29591	41686	52836	31261	8332
	2.Sawn timber during the year	221218	142663	147675	49105	44490
	3.Others**	12095	497	802	2413	4510
	2.Distribution during the year	262904	184846	201313	82779	57332
	1.Local sales	185039	122952	167082	72932	43605
	2.Export	537	973	1232	1515	395
	3.Others**	35642	8085	1738	-	3
	4.Stock	41686	52836	31261	8332	13329

Note: * Includes timber at terminal depots
 ** Adjusted Stock

Source: Myanmar Timber Enterprise.

Table 3.33 Plantation of Hardwood Trees

S.N (1)	Description (2)	Unit (3)	2006-2007 (4)	2007-2008 (5)	2008-2009 (6)	2009-2010 (7)	2010-2011 (8)
1	Area & number of trees at the beginning of the year						
	1. Number of trees	(000) No	49129	50964	52320	53551	54487
	2. Area	Acre	1091749	1132534	1162669	1190030	1210830
2	Area & trees planted during the year						
	1. Number of trees	(000) No	1835	1356	1231	936	278
	2. Area	Acre	40785	30135	27361	20800	6180
3	Area & trees planted at the end of the year						
	1. Number of trees	(000) No	50964	52320	53551	54487	54765
	2. Area	Acre	1132534	1162669	1190030	1210830	1217010
4	Thinnings undertaken during the year	Acre	-	-	-	-	-

Table 3.33 Plantation of Hardwood Trees (Concl'd)

S.N (1)	Description (2)	Unit (3)	2011-2012 (9)	2012-2013 (10)	2013-2014 (11)	2014-2015 (12)	2015-2016(p.a) (13)
1	Area & number of trees at the beginning of the year						
	1. Number of trees	(000) No.	54765	54965	55105	55195	55251
	2. Area	Acre	1217010	1221460	1224560	1226560	1227810
2	Area & trees planted during the year						
	1. Number of trees	(000) No.	200	140	90	56	65
	2. Area	Acre	4450	3100	2000	1250	1450
3	Area & trees planted at the end of the year						
	1. Number of trees	(000) No.	54965	55105	55195	55251	55316
	2. Area	Acre	1221460	1224560	1226560	1227810	1229260
4	Thinnings undertaken during the year	Acre	-	-	-	-	-

Notes: Include Teak and Hardwood Thinnings undertaken during the year

Source: Department of Forest.

Table 3.34 Production of Minor Forest Products

S.N (1)	Description (2)	Unit (3)	2006-2007 (4)	2007-2008 (5)	2008-2009 (6)	2009-2010 (7)	2010-2011 (8)
1	Firewood	(000) CubicTon	21216	21876	22542	23166	20683
2	Charcoal	(000) CubicTon	297	269	266	210	212
3	Bamboo	(000) No.	1202319	1241618	1279727	1303078	1346156
4	Rattan	(000) No.	55201	49299	42831	39111	38506
5	Teak and Hardwood post	No.	41624	37003	71443	63087	131031
6	Teak and Hardwood pole	No.	885518	966983	204057	104405	105210
7	Cutch	(000) Viss	329	290	331	330	406
8	Indwe-Pwenyet	(000) Viss	296	309	297	261	233
9	Kanyin Resin	Viss	650	650	650	650	650
10	Turpentine	(000) Viss	-	-	31	40	45
11	Dani-Thetkye	(000) Byit	999991	1021804	1016005	1040231	1064007
12	Honey	(000) Viss	36	37	38	41	43
13	Bees-Wax	Viss	1295	1018	1036	1025	1120
14	Bat's Guano	(000) Viss	481	462	434	379	351
15	Orchids	(000) No.	32	24	23	203	24
16	Edible Bird's Nest	Viss	1156	840	1088	1104	1376
17	Lac	(000) Viss	62	61	83	60	116

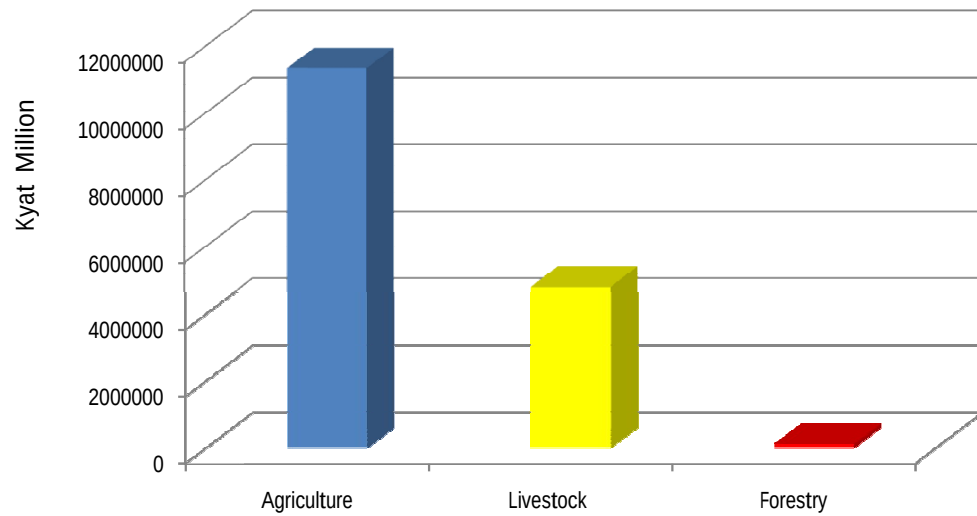
Table 3.34 Production of Minor Forest Products(Concl'd)

S.N (1)	Description (2)	Unit (3)	2011-2012 (9)	2012-2013 (10)	2013-2014 (11)	2014-2015 (12)	2015-2016 (13)
1	Firewood	(000) CubicTon	22466	22747	23020	23320	20911
2	Charcoal	(000) CubicTon	201	217	229	231	233
3	Bamboo	(000) No.	1264282	1273018	1291093	1308804	1213301
4	Rattan	(000) No.	36078	40133	37690	40944	35769
5	Teak and Hardwood post	No.	-	-	-	-	-
6	Teak and Hardwood pole	No.	-	-	-	-	-
7	Cutch	(000) Viss	403	365	336	172	153
8	Indwe-Pwenyet	(000) Viss	249	221	230	258	260
9	Kanyin Resin	(000) Viss	650	650	660	665	675
10	Turpentine	Viss	2	0.7	0.1	13	0.6
11	Dani-Thetkye	(000) Byit	1002820	1003902	1022295	1037315	932263
12	Honey	(000) Viss	47	49	50	51	50
13	Bees-Wax	Viss	1102	1101	1128	1147	1193
14	Bat's Guano	(000) Viss	376	360	366	337	379
15	Orchids	(000) No.	20	20	15	22	20
16	Edible Bird's Nest	Viss	1516	1622	1702	1550	1512
17	Lac	(000) Viss	108	102	80	81	66

Sources: 1. Department of Forest.
2. Co-operative Department.
3. Department of Agriculture.

IV . PRICES AND SHARE OF AGRICULTURE, LIVESTOCK AND FORESTRY IN GDP

**Figure 4.1 SHARE OF AGRICULTURE, LIVESTOCK AND FORESTRY, 2015-2016
(AT CURRENT PRODUCER'S PRICES)**



Source: Planning Department.

Table 4.01 Prices of Secected Crops at Harvest Time

(Kyat Per Unit)								
S.N (1)	Crop (2)	Unit (3)	2010-2011 (4)	2011-2012 (5)	2012-2013 (6)	2013-2014 (7)	2014-2015 (8)	2015-2016 (9)
1	Paddy							
	Summer	100 Basket	350000	350000	330000	426000	441400	579800
	Monsoon	100 Basket	398000	400000	400000	421800	469300	517100
2	Wheat	Ton	371265	376430	405405	399802	450110	465206
3	Maize							
	Grain	Ton	216454	219888	288605	278384	316654	326124
	Cobs	100cobs	3600	7800	11500	6600	9600	11200
	Leaf sheath	Ton	311111	171500	183750	183750	183750	-
4	Millet	Ton	259580	234838	224290	317666	354064	352740
5	Pulses							
	Matpe(Black gram)	Ton	664449	688945	462848	551492	732137	1114345
	Pedisein(Green gram)	Ton	704255	673635	559117	705203	853906	1018290
	Butter bean	Ton	495241	440924	484697	635443	695351	647797
	Bocate(Cow pea)	Ton	432963	525894	413367	436148	514266	712491
	Sultani	Ton	303535	460095	428144	481822	454248	497893
	Sultapya	Ton	479266	468882	453705	532528	484602	527192
	Peboke(Soy bean)	Ton	414592	560892	524516	548921	593840	610680
	Gram(Chick pea)	Ton	591095	591095	633845	481247	507863	609083
	Pelun	Ton	670573	594789	477975	411468	493702	649568
	Pesingon(Pigeon pea)	Ton	698131	661386	534008	467135	573222	798655
	Peyin(Rice bean)	Ton	505226	357179	302921	577183	502662	609517
	Pebyugale(Duffin bean)	Ton	492046	540931	351462	492378	573537	627040
	Pegyi(Lablab bean)	Ton	750850	833923	707492	710911	757834	833923
	Sadawpe(Garden pea)	Ton	509819	669348	671920	664081	747008	774741
	Peyazar(Lentil bean)	Ton	857353	627705	643015	643015	684444	941558
	Penauk(Krishna mung)	Ton	857353	551155	459296	622592	642444	698130
	Pegya(Lima bean)	Ton	383413	543167	551155	562339	579153	599082
6	Groundnut							
	Rain	Ton	674791	689165	906717	944901	938739	1392969
	Winter	Ton	920651	645955	1127768	884318	850483	1159984
7	Sesamum							
	Early	Ton	991754	1002573	1175064	1179188	881481	1749858
	Late	Ton	872663	986610	1147506	1308157	1448450	1570263

Table 4.01 Prices of Selected Crops at Harvest Time (Concl'd)

(Kyat Per Unit)								
S.N (1)	Crop (2)	Unit (3)	2010-2011 (4)	2011-2012 (5)	2012-2013 (6)	2013-2014 (7)	2014-2015 (8)	2015-2016 (9)
8	Mustard	Ton	588480	582350	614309	781122	667626	753284
9	Sunflower	Ton	675166	723391	723391	587600	693840	872686
10	Cotton							
	Wagyi	Ton	-	-	497776	497776	528887	528887
	Wagale	Ton	-	-	-	-	-	-
	Mahlaing 5/6	Ton	-	-	497776	497776	528887	528887
	Long staple	Ton	622222	622222	684442	746664	699998	699998
11	Jute (d)							
	Special grade	Ton	236444	-	-	-	-	-
	First grade	Ton	217778	280000	279900	279900	279900	-
	Second grade	Ton	186667	248889	278800	248800	248880	-
	Third grade	Ton	149333	-	-	-	-	-
12	Kenaf	Ton	118222	217778	186600	202150	202150	248800
13	Rubber	Ton	1411200	1411200	2204623	2204623	1327774	1344820
14	Sugarcane	Ton	18000	30000	30000	30000	30000	30000
15	Toddy Palm	Ton	703111	560015	560015	435540	497760	-
16	Tobacco (Myanmar)	Ton	2082500	2296875	1531250	1298500	1612713	1087187
17	Tobacco (Virginia)	Ton	1544500	1531250	1433250	975713	812788	812788
18	Betel nut	Ton	1225000	1347500	1163750	1871188	2246650	3193575
19	Betel leaves	Ton	2958375	1960000	1389150	2032275	2465313	2258900
20	Chillies (Dry)	Ton	1296050	1358218	1537375	1590050	2339138	2194588
21	Chillies (Green)	Ton	395675	655375	751537	654150	742963	1050438
22	Onion	Ton	252350	252350	311763	245000	382813	744188
23	Garlic	Ton	1776250	1653750	678037	888125	931000	1245212
24	Potato	Ton	352188	341775	370562	343613	428750	527975
25	Coffee	Ton	2450000	2450000	2450000	2250937	2358125	2250938
26	Tea (Green)	Ton	490000	796250	796250	1304625	1365875	1251338
27	Coconut	Each	400	400	392	255	311	350
28	Tapioca	Ton	155556	153125	159250	352187	566563	619850
29	Plantain	Bunch	2730	2050	2474	2080	3167	3050
30	Thanatphet	Ton	322050	361375	367500	382800	382800	-
31	Dhani	100 byits	12500	18500	14700	11500	12000	12500
32	Fodder (Straw)	100bundle	28300	25000	29000	37500	35000	40000

Source : Department of Agriculture.

Table 4.02 Share of Agriculture, Livestock and Forestry (At Constant Producer's Prices)

S.N.	Year	G.D.P (K.Million)	Agriculture, Livestock and Forestry (Kyat Million)				Share in G.D.P(%)			
			Agriculture	Livestock and Fishery	Forestry	Total	Agriculture	Livestock and Fishery	Forestry	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	2006-2007 *	13893395.3	5151261.6	1055869.9	83215.7	6290347.2	37.1	7.6	0.6	45.3
2	2007-2008 *	15559412.8	5535774.1	1170634.0	83487.1	6789895.2	35.6	7.5	0.6	43.7
3	2008-2009 *	17155078.1	5799789.0	1288795.6	81580.7	7170165.3	33.8	7.5	0.5	41.8
4	2009-2010 *	18970326.7	6043622.0	1447155.2	79063.2	7569840.4	31.9	7.6	0.4	39.9
5	2010-2011 **	39776764.9	11108404.4	3392103.2	158453.7	14658961.3	27.9	8.5	0.4	36.9
6	2011-2012 **	42000875.7	10750196.9	3641799.6	170117.1	14562113.6	25.6	8.7	0.4	34.7
7	2012-2013 **	45080661.5	10724796.7	3900918.6	181336.9	14807052.2	23.8	8.7	0.4	32.8
8	2013-2014 **	48879158.5	10959270.5	4217589.2	169246.2	15346105.9	22.4	8.6	0.4	31.4
9	2014-2015 ** (p.a)	52785211.0	11113012.3	4529326.4	126432.6	15768771.3	21.0	8.6	0.2	29.8
10	2015-2016 ** (End of March)	56635381.1	11357413.2	4820334.8	128118.6	16305866.6	20.1	8.5	0.2	28.8

Note : * At 2005-2006 Constant Producers' Prices.

** At 2010-2011 Constant Producers' Prices.

Source : Planning Department .

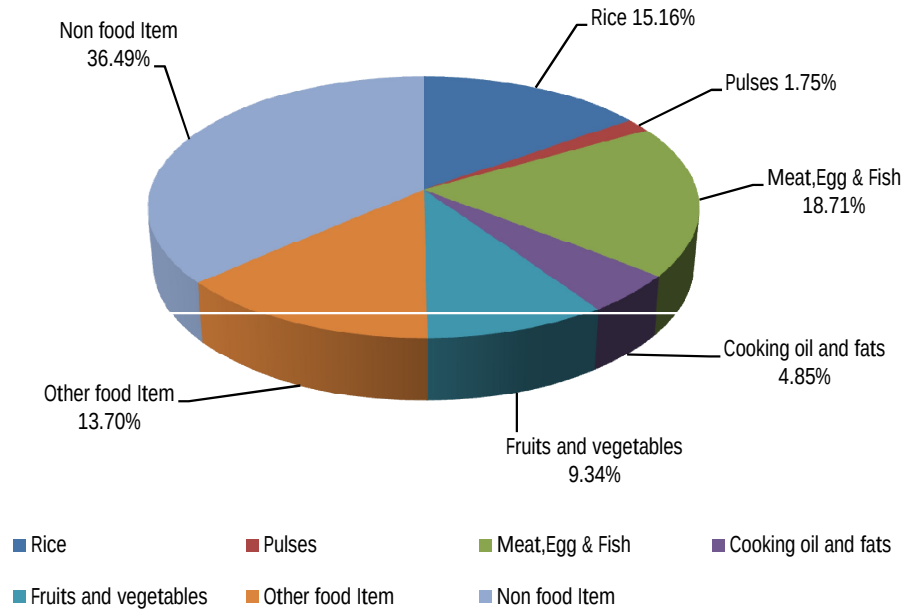
Table 4.03 Share of Agriculture, Livestock and Forestry (At Current Producer's Prices)

S.N.	Year	G.D.P (K.Million)	Agriculture, Livestock and Forestry (Kyat Million)				Share in G.D.P(%)			
			Agriculture	Livestock and Fishery	Forestry	Total	Agriculture	Livestock and Fishery	Forestry	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	2006-2007	16852757.8	6068007.3	1243778.3	89770.1	7401555.7	36.0	7.4	0.5	43.9
2	2007-2008	23336112.7	8246217.0	1766220.3	97412.2	10109849.5	35.3	7.6	0.4	43.3
3	2008-2009	29233288.0	9235953.3	2421891.6	115889.8	11773734.7	31.6	8.3	0.4	40.3
4	2009-2010	33905665.6	9956185.7	2826546.0	133649.6	12916381.3	29.4	8.3	0.4	38.1
5	2010-2011	39776764.9	11108404.4	3392103.2	158453.7	14658961.3	27.9	8.5	0.4	36.8
6	2011-2012	46307887.7	11113043.0	3758635.4	176617.3	15048295.7	24.0	8.1	0.4	32.5
7	2012-2013	51259260.0	11349615.2	4141221.1	189473.7	15680310.0	22.1	8.1	0.4	30.6
8	2013-2014	58011626.0	12316081.8	4631983.8	184928.7	17132994.3	21.2	8.0	0.3	29.5
9	2014-2015 (p.a)	65262092.5	12780581.2	5243293.9	138380.1	18162255.2	19.6	8.0	0.2	27.8
10	2015-2016 (End of March)	72780464.5	13417668.2	5906519.1	143661.5	19467848.8	18.5	8.1	0.2	26.8

Source : Planning Department .

**V . FOOD AND NON-FOOD
EXPENDITURE PER MONTH
AT HOUSEHOLD LEVEL**

Figure 5.1 MONTHLY HOUSEHOLD EXPENDITURE BY GROUP(2012,UNION)



Source: Central Statistical Organization.

Table 5.01 Monthly Household Expenditure by Group, Union (2006,2012)

S.N	Particulars	(Value-Kyat)			
		2006		2012	
		Value	%	Value	%
I.	SIZE OF HOUSEHOLD	4.72		4.72	
II.	HOUSEHOLD EXPENDITURE TOTAL	97699.87	100.00	167434.20	100.00
	1.FOOD AND BEVERAGES TOTAL	69170.71	70.80	106341.76	63.51
	Rice	17891.45	18.31	25377.40	15.16
	Pulses	1842.16	1.89	2936.52	1.75
	Meat	7824.56	8.01	13748.24	8.21
	Eggs	2369.46	2.43	3366.63	2.01
	Fish and crustacea (fresh)	5252.35	5.38	9242.49	5.52
	Fish and crustacea (dried)	2926.79	3.00	4978.83	2.97
	Ngapi and nganpyaye	1687.13	1.73	2234.00	1.33
	Cooking oil and fats	5536.11	5.67	8126.95	4.85
	Fruits and vegetables	8826.45	9.04	15625.67	9.34
	Spices and condiments	4727.99	4.84	1219.26	0.73
	Beverages	1444.26	1.48	4002.10	2.39
	Sugar and other food	1136.83	1.16	1216.45	0.73
	Milk and milk products	342.86	0.35	650.13	0.39
	Other miscellaneous food ^{1/}	7362.31	7.53	13617.09	8.13
	2.NON-FOOD TOTAL	28529.16	29.20	61092.44	36.49
	Tobacco	469.69	0.48	769.61	0.46
	Fuel and light	6998.15	7.16	9027.55	5.39
	Clothing and apparel	2318.35	2.37	4527.05	2.70
	Personal use goods	1715.16	1.76	3252.63	1.94
	Cleansing and toilet	2430.62	2.49	3623.79	2.16
	Stationery and school supplies	122.61	0.13	326.76	0.20
	Crockery	111.78	0.11	202.16	0.12
	Furniture	178.14	0.18	576.37	0.34
	Medical care	1286.01	1.32	3257.75	1.95
	House rent and repairs	1415.97	1.45	3855.34	2.30
	Recreation	161.39	0.17	281.53	0.17
	Charity and ceremonials	3780.18	3.87	6690.56	4.00
	Travelling expenses	4353.09	4.46	9519.10	5.68
	Education	1714.10	1.75	4095.12	2.45
	Other household goods	195.58	0.20	7229.32	4.32
	Other expenses	1278.34	1.31	3857.80	2.30

^{1/}Includes food taken outside home

Source: Central Statistical Organization.

Table 5.02 Monthly Expenditure of Urban Household by Group, Union (2006,2012)

(Value-Kyat)

S.N	Particulars	2006		2012	
		Value	%	Value	%
I.	SIZE OF HOUSEHOLD	4.87		4.67	
II.	HOUSEHOLD EXPENDITURE TOTAL	113320.51	100.00	202155.32	100.00
	1.FOOD AND BEVERAGES TOTAL	77345.92	68.25	121843.00	60.27
	Rice	18186.16	16.05	23810.51	11.78
	Pulses	2046.60	1.81	2985.27	1.48
	Meat	9414.54	8.31	16593.64	8.21
	Eggs	2837.48	2.50	4019.52	1.99
	Fish and crustacea (fresh)	6260.64	5.52	11747.79	5.81
	Fish and crustacea (dried)	3240.12	2.86	6701.44	3.31
	Ngapi and nganpyaye	1683.00	1.49	1914.05	0.95
	Cooking oil and fats	5887.05	5.20	8863.44	4.38
	Fruits and vegetables	9560.30	8.43	17039.54	8.43
	Spices and condiments	5096.85	4.50	1295.83	0.64
	Beverages	1782.23	1.57	5189.32	2.57
	Sugar and other food	864.59	0.76	793.58	0.39
	Milk and milk products	523.94	0.46	1125.94	0.56
	Other miscellaneous food <u>1/</u>	9962.41	8.79	19763.13	9.78
	2.NON-FOOD TOTAL	35974.59	31.75	80312.32	39.73
	Tobacco	416.76	0.37	622.11	0.31
	Fuel and light	8200.55	7.24	10176.21	5.03
	Clothing and apparel	2501.78	2.21	5068.53	2.51
	Personal use goods	1984.32	1.75	3953.16	1.96
	Cleansing and toilet	2872.78	2.54	4375.29	2.16
	Stationery and school supplies	256.71	0.23	732.21	0.36
	Crockery	103.76	0.09	200.79	0.10
	Furniture	147.98	0.13	719.06	0.36
	Medical care	1523.92	1.34	4246.97	2.10
	House rent and repairs	2573.11	2.27	5921.03	2.93
	Recreation	196.23	0.17	334.44	0.17
	Charity and ceremonials	4178.77	3.69	7128.23	3.53
	Travelling expenses	6706.88	5.92	12616.20	6.24
	Education	2398.79	2.12	5742.78	2.84
	Other household goods	208.75	0.18	12739.33	6.30
	Other expenses	1703.50	1.50	5735.98	2.84

1/Includes food taken outside home

Source: Central Statistical Organization.

Table 5.03 Monthly Expenditure of Rural Household by Group, Union(2006,2012)

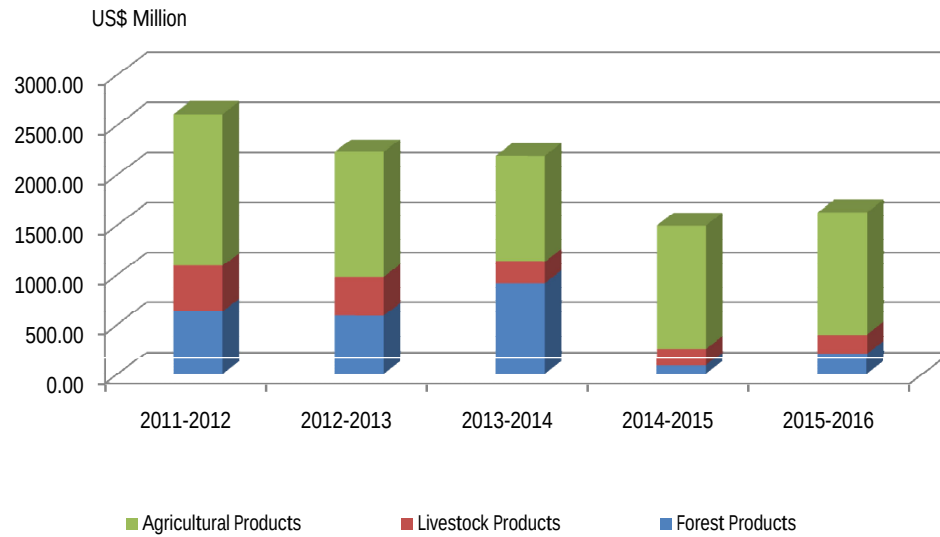
(Value-Kyat)

S.N	Particulars	2006		2012	
		Value	%	Value	%
I.	SIZE OF HOUSEHOLD	4.67		4.76	
II.	HOUSEHOLD EXPENDITURE TOTAL	90631.85	100.00	152010.72	100.00
	1.FOOD AND BEVERAGES TOTAL	65358.17	72.11	99455.97	65.43
	Rice	17781.50	19.62	26073.42	17.15
	Pulses	1814.61	2.00	2914.87	1.92
	Meat	6923.67	7.64	12484.29	8.21
	Eggs	2194.62	2.42	3076.61	2.02
	Fish and crustacea (fresh)	4825.62	5.32	8129.62	5.35
	Fish and crustacea (dried)	2821.10	3.11	4213.63	2.77
	Ngapi and nganpyaye	1688.67	1.86	2376.12	1.56
	Cooking oil and fats	5309.74	5.86	7799.79	5.13
	Fruits and vegetables	8480.76	9.35	14997.62	9.86
	Spices and condiments	4726.34	5.21	1185.25	0.78
	Beverages	1337.13	1.48	3474.72	2.29
	Sugar and other food	1388.49	1.53	1404.29	0.92
	Milk and milk products	226.44	0.25	438.77	0.29
	Other miscellaneous food <u>1/</u>	5839.49	6.44	10886.97	7.16
	2.NON-FOOD TOTAL	25273.68	27.89	52554.75	34.57
	Tobacco	539.07	0.59	835.13	0.55
	Fuel and light	6383.35	7.04	8517.30	5.60
	Clothing and apparel	2256.44	2.49	4286.51	2.82
	Personal use goods	1589.75	1.75	2941.45	1.94
	Cleansing and toilet	2205.77	2.43	3289.97	2.16
	Stationery and school supplies	49.78	0.05	146.65	0.10
	Crockery	128.24	0.14	202.76	0.13
	Furniture	204.10	0.23	512.99	0.34
	Medical care	1272.06	1.40	2818.33	1.85
	House rent and repairs	910.93	1.01	2937.74	1.93
	Recreation	151.82	0.17	258.03	0.17
	Charity and ceremonials	3515.42	3.88	6496.14	4.27
	Travelling expenses	3394.81	3.75	8143.33	5.35
	Education	1317.76	1.45	3363.21	2.21
	Other household goods	195.03	0.22	4781.72	3.15
	Other expenses	1159.35	1.28	3023.49	1.99

1/Includes food taken outside home

Source: Central Statistical Organization.

VI . EXPORT AND IMPORT OF AGRICULTURE, LIVESTOCK AND FORESTRY PRODUCTS

Figure 6.1 EXPORT OF AGRICULTURAL,LIVESTOCK AND FORESTY PRODUCTS

Source:Custom Department.

Table 6.01 Export of Major Agricultural Products

Commodity (1)	Unit (2)	2011-2012 (3)	2012-2013 (4)	2013-2014 (5)	2014-2015 (6)	2015-2016 (7)
1.RICE AND RICE PRODUCTS						
Rice	US\$(Million)	243.85	195.90	107.28	101.94	67.77
	MT(000)	637.4	556.5	304.1	289.7	193.2
Broken Rice	US\$(Million)	23.35	16.85	26.71	48.86	34.32
	MT(000)	69.8	52.4	87.1	171.4	125.4
2.MAIZE						
	US\$(Million)	46.60	7.34	0.17	1.52	0.16
	MT(000)	166.5	25.0	0.6	4.8	0.8
3.PULSES						
Matpe (Black Gram)	US\$(Million)	471.70	380.48	372.03	468.38	496.92
	MT(000)	598.1	654.3	636.9	624.2	481.4
Pedisein (Green Gram)	US\$(Million)	202.39	199.23	207.00	209.65	202.74
	MT(000)	229.0	268.0	234.8	205.2	205.1
Htawbutpe (Butter Bean)	US\$(Million)	11.99	8.54	9.15	11.54	8.64
	MT(000)	14.7	12.7	13.3	15.1	16.0
Pegadipa (Sultani/Sultapya)	US\$(Million)	1.02	1.48	2.06	1.60	1.41
	MT(000)	1.6	2.7	3.3	3.0	3.0
Bocate(Cow Pea)	US\$(Million)	0.35	0.64	0.57	1.01	0.39
	MT(000)	0.6	1.4	0.8	2.3	0.7
Gram (Chick Pea)	US\$(Million)	65.06	34.13	2.32	8.05	19.36
	MT(000)	78.6	46.6	3.2	15.8	35.1
Pesingon (Pigeon Pea)	US\$(Million)	190.45	170.38	114.36	207.41	229.73
	MT(000)	319.5	305.5	187.5	306.0	226.6
Peyin (Rice Bean)	US\$(Million)	2.15	2.47	1.16	2.09	2.38
	MT(000)	3.9	6.6	3.4	3.9	5.7
Pegyi (Lablab Bean)	US\$(Million)	2.75	1.09	1.93	1.87	0.60
	MT(000)	2.9	1.3	1.9	2.3	0.9
Pelun	US\$(Million)	25.55	34.04	19.69	29.77	16.65
	MT(000)	29.4	38.1	32.8	52.5	26.5
Red Kidney Bean	US\$(Million)	12.40	10.13	-	9.40	10.30
	MT(000)	17.8	11.7	-	11.1	15.7
Peboke (Soy Bean)	US\$(Million)	0.13	0.10	-	0.26	0.08
	MT(000)	0.2	0.2	-	0.7	0.1
Pebyugale (Duffin Bean)	US\$(Million)	0.11	0.09	0.12	0.16	0.11
	MT(000)	0.1	0.1	0.2	0.2	0.2
Other Pulses	US\$(Million)	0.01	1.88	12.21	-	1.17
	MT(000)	**	3.5	14.1	-	2.9
4.COTTON						
	US\$(Million)	0.72	*	*	0.02	-
	MT(000)	0.5	**	**	**	-

Note: * Less than One Million

** Less than 0.05 Thousand Metric Ton

Table 6.01 Export of Major Agricultural Products (Concl'd)

Commodity (1)	Unit (2)	2011-2012 (3)	2012-2013 (4)	2013-2014 (5)	2014-2015 (6)	2015-2016 (7)
5.JUTE	US\$(Million)	-	-	-	-	-
	MT(000)	-	-	-	-	-
6.OTHER AGRICULTURE PRODUCT						
Tobacco(Myanmar)	US\$(Million)	-	-	-	-	-
	MT(000)	-	-	-	-	-
Tobacco(Virgina)	US\$(Million)	3.37	3.87	0.13	1.36	4.68
	MT(000)	1.0	1.2	**	0.8	2.4
Chillies	US\$(Million)	-	-	-	0.02	0.06
	MT(000)	-	-	-	**	**
Rubber	US\$(Million)	130.36	85.88	71.60	38.04	31.46
	MT(000)	33.6	29.4	31.2	27.8	30.8
Sesamum Seeds	US\$(Million)	57.87	65.40	49.57	27.01	24.88
	MT(000)	35.5	65.2	26.1	12.7	14.4
Ginger	US\$(Million)	0.61	0.60	2.47	1.17	1.28
	MT(000)	0.4	1.2	4.4	1.1	1.3
Onion	US\$(Million)	0.36	2.12	5.09	2.45	3.15
	MT(000)	1.1	5.4	14.2	9.7	12.2
Betel Nuts	US\$(Million)	3.03	0.89	1.59	0.46	0.37
	MT(000)	2.2	0.7	1.0	0.5	0.5
Ninger Seeds	US\$(Million)	-	0.03	-	2.72	5.63
	MT(000)	-	**	-	3.6	7.3
Coffee Seeds	US\$(Million)	0.29	*	0.15	0.35	0.65
	MT(000)	0.1	**	0.1	0.3	0.1
Cashew Kernel Whole	US\$(Million)	1.12	1.17	2.22	2.66	3.59
	MT(000)	0.4	0.4	0.5	0.6	0.7
Tamarind	US\$(Million)	9.01	3.76	1.86	5.60	4.63
	MT(000)	18.0	8.9	3.4	19.5	11.7
Turmeric Finger	US\$(Million)	2.17	1.63	1.79	3.05	6.68
	MT(000)	1.3	3.2	3.7	6.0	9.6
Black Cumin Seeds	US\$(Million)	-	-	-	0.05	0.29
	MT(000)	-	-	-	0.2	0.4
Corrinder Seeds	US\$(Million)	0.66	0.18	1.07	0.19	0.95
	MT(000)	0.7	0.3	1.7	0.3	1.4
Mustard Seeds	US\$(Million)	0.06	-	-	-	-
	MT(000)	1.1	-	-	-	-
Cardamon Amomi	US\$(Million)	0.20	-	0.30	0.53	0.89
	MT(000)	**	-	**	0.1	0.1
Cinnamon	US\$(Million)	-	-	0.19	-	-
	MT(000)	-	-	**	-	-
Garlic	US\$(Million)	-	-	-	-	0.01
	MT(000)	-	-	-	-	**
Other	US\$(Million)	8.59	15.97	43.33	50.67	41.19

Note: * Less than One Million

** Less than 0.05 Thousand Metric Ton

Source: Customs Department.

Table 6.02 Export of Major Livestock Products

Particular (1)	Unit (2)	2011-2012 (3)	2012-2013 (4)	2013-2014 (5)	2014-2015 (6)	2015-2016 (7)
1.ANIMAL PRODUCT						
Cow Hide	US\$(Million)	3.95	5.87	5.53	3.45	4.20
	MT(000)	6.8	9.1	8.5	5.4	6.5
Sheep Hide	US\$(Million)	0.01	0.01	0.03	0.38	0.03
	MT(000)	**	**	0.1	0.7	0.1
Honey	US\$(Million)	1.75	2.00	3.06	2.26	2.61
Other	US\$(Million)	3.19	11.89	2.04	2.31	0.64
2.MARINE PRODUCT						
Fish	US\$(Million)	338.36	282.21	157.55	109.48	127.78
	MT(000)	183.4	137.3	123.8	106.3	129.5
Prawn	US\$(Million)	75.58	64.56	31.13	29.51	27.79
	MT(000)	17.8	20.4	13.5	11.9	10.7
Dry Sea Maw(Fish)	US\$(Million)	-	0.01	0.49	-	*
	MT(000)	-	**	0.6	-	0.2
Dried Fish	US\$(Million)	10.83	8.57	2.54	3.65	5.07
	MT(000)	4.6	3.5	1.6	2.4	3.3
Crabs	US\$(Million)	11.16	3.94	4.33	6.57	12.63
	MT(000)	4.3	1.1	1.1	1.6	2.8
Other	US\$(Million)	15.69	13.48	9.81	10.35	13.79

Note: * Less than One Million
 **Less than 0.05 Thousand Metric Ton

Source: Customs Department.

Table 6.03 Export of Major and Minor Forest Products

Commodity (1)	Unit (2)	2011-2012 (3)	2012-2013 (4)	2013-2014 (5)	2014-2015 (6)	2015-2016 (7)
1.MAJOR FOREST PRODUCT						
Teak Logs	US\$(Million)	278.92	324.66	637.49	-	-
	Cu.Ton(000)	263.3	480.9	908.9	-	-
Teak Conversion	US\$(Million)	30.71	31.71	30.19	35.65	80.81
	Cu.Ton(000)	21.0	25.0	26.9	19.1	42.7
Hardwood Logs	US\$(Million)	271.84	209.14	223.60	-	-
	Cu.Ton(000)	637.8	722.3	592.7	-	-
Hardwood Conversion	US\$(Million)	23.12	8.84	7.06	4.15	23.92
	Cu.Ton(000)	25.3	15.2	10.1	3.9	21.7
Hardwood and Plywood (Veneer)	US\$(Million)	20.76	7.94	10.84	37.27	85.83
Other	US\$(Million)	2.71	4.11	5.74	10.29	17.13
2.MINOR FOREST PRODUCT						
Bamboo Pole	US\$(Million)	0.02	0.05	0.13	0.16	0.24
Rattan and Rattan Ware	US\$(Million)	0.84	0.09	1.21	0.95	1.02
Cutch	US\$(Million)	0.08	0.19	0.22	0.10	0.14
	MT(000)	112.0	0.2	176.2	0.2	0.3
Other	US\$(Million)	2.49	0.11	0.25	0.09	0.07

Source: Customs Department.

Table 6.04 Import of Selected Agricultural, Livestock Commodities and Manufactures(Quantity in Thousand)
(US\$ Million)

S.N	Commodities	Unit	2011-2012	
			Qty	Value
1	Trailers non-motorised Vehicles.	NMB	17	21.93
	Trailers non-motorised Vehicles.	KGM	23	0.04
2	Fishing nets and fishing lines	KGM	597	1.76
3	Wheat flour	KGM	771	0.24
4	Cotton	KGM	11	0.01
5	Linseed oil	KGM	2	*
6	Fertilizer,manufactured	KGM	68,136	20.21
7	Rubber	KGM	1,747	2.68
8	Spices	KGM	825	2.36
9	Oil	KGM	66,501	82.61

Note: * less than 0.05

Table 6.04 Import of Selected Agricultural,Livestock Commodities and Manufactures (Cont'd)(Quantity in Thousand)
(US\$ Million)

S.N	Commodities	Unit	2012-2013	
			Qty	Value
1	Trailers non-motorised Vehicles.	U	80	17.29
	Trailers non-motorised Vehicles.	KGM	319	0.49
2	Fishing nets and Fishing lines	KGM	583	1.54
3	Wheat grain	KGM	141	0.05
4	Wheat flour	KGM	1510	0.48
5	Cotton	KGM	694	1.75
6	Linseed oil	KGM	5	0.01
7	Fertilizer, manufactured	KGM	82152	23.15
8	Rubber	2U	27	*
	Rubber	KGM	3148	5.69
	Rubber	M	134	*
	Rubber	U	16	*
9	Spices	KGM	1278	3.83

Note: * less than 0.05

Table 6.04 Import of Selected Agricultural,Livestock Commodities and Manufactures (Cont'd)(Quantity in Thousand)
(US\$ Million)

S.N	Commodities	Unit	2013-2014	
			Qty	Value
1	Trailers non-motorised Vehicles.	KGM	1198	3.73
	Trailers non-motorised Vehicles.	U	77	23.74
2	Fishing nets and Fishing lines	KGM	1125	2.66
	Fishing nets and Fishing lines	M	2	0.01
3	Wheat grain	KGM	84	0.14
4	Wheat flour	KGM	1615	0.53
5	Cotton	KGM	5030	5.59
	Cotton	M	544	0.82
	Cotton	U	123	0.18
6	Fertilizer, manufactured	KGM	173260	52.79
7	Rubber	L	4	*
	Rubber	M	172	0.03
	Rubber	KGM	3596	5.48
	Rubber	2U	11	*
	Rubber		2	0.01
	Rubber	U	242	0.03
8	Spices	KGM	1562	4.50

Note: * less than 0.05

Table 6.04 Import of Selected Agricultural Commodities and Manufactures (Cont'd)(Quantity in Thousand)
(US\$ Million)

S.N	Commodities	Unit	2014-2015	
			Qty	Value
1	Trailers non-motorised Vehicles		28	0.20
	Trailers non-motorised Vehicles	KGM	681	1.23
	Trailers non-motorised Vehicles	NMB	*	0.23
	Trailers non-motorised Vehicles	U	46	9.11
2	Fishing nets and Fishing lines	U	64	*
	Fishing nets and Fishing lines	KGM	1333	3.23
	Fishing nets and Fishing lines	M	116	0.01
3	Wheat grain		1549	0.46
	Wheat grain	KGM	7208	2.40
4	Wheat flour	KGM	2483	1.19
5	Cotton	KGM	15084	4.2
	Cotton	M	869	1.4
	Cotton	U	194	*
6	Jute	KGM	181	0.1
	Jute	M	5	*
7	Linseed oil	KGM	27	*
8	Fertilizer, manufactured	KGM	297612	79.8
9	Rubber	KGM	3698	4.55
	Rubber	U	188	0.03
	Rubber	PAR	10	*
	Rubber	NMB	*	*
	Rubber	M	89	0.01
	Rubber	2U	20	*
	Rubber	MTR	83	*
	Spices	KGM	1372	3.97
10	Oil		9374	8.96
	Oil	BBL	33561	31.17
	Oil	KGM	346229	33.05

Note: * less than 0.05

Table 6.04 Import of Selected Agricultural Commodities and Manufactures (Concl'd)(Quantity in Thousand)
(US\$ Million)

S.N	Commodities	Unit	2015-2016	
			Qty	Value
1	Trailers non-motorised Vehicles		3	0.21
	Trailers non-motorised Vehicles	KGM	920	2.54
	Trailers non-motorised Vehicles	U	298	4.26
2	Fishing nets and Fishing lines	KGM	1750	3.69
3	Wheat grain	KGM	132	0.21
4	Wheat flour	KGM	7047	3.02
5	Cotton	KGM	1252	1.84
	Cotton	M	669	0.74
	Cotton	U	284	0.32
6	Jute	KGM	301	0.19
7	Linseed oil	KGM	5	0.01
8	Fertilizer, manufactured		2647	0.76
	Fertilizer, manufactured	KGM	288148	70.98
9	Rubber	U	325	0.06
	Rubber	2U	1	*
	Rubber	KGM	4421	6.68
	Rubber	M	7	*
	Rubber	NMB	*	*
	Rubber	PCS	108	*

Note: * less than 0.05

Source: Customs Department.

Conversion of Weights and Measures

1 acre	=	0.4047 hectares	
1 bag of rice	=	120 lb. avoir	
1 Viss	=	3.6 lb. avoir	
1 Long ton	=	622.2 viss	
1 Long ton (2240 lb)	=	1.016 metric ton	
Paddy 1 basket	=	46 lb	= 0.0205357 ton
Wheat 1 basket	=	72 lb	= 0.0321428 ton
Maize (seed) 1 basket	=	55 lb	= 0.0245535 ton
Millet 1 basket	=	62 lb	= 0.0276785 ton
Groundnut 1 basket	=	25 lb	= 0.0111607 ton
Sesamun 1 basket	=	54 lb	= 0.0241071 ton
Mustard (seeds) 1 basket	=	57.6 lb	= 0.0257143 ton
Sunflower (seeds) 1 basket	=	32 lb	= 0.0138888 ton
Niger (Panhnar) 1 basket	=	50 lb	= 0.0223214 ton

Matpe	}	1 basket = 72 lb = 0.0223214 ton
Pedisein		
Pesingon		
Peboke		
Peyin		
Penauk		
Peyazar		
Pelun		
Sadawpe	}	
Butter bean	}	
Sultani		
Sultapya		
Gram		1 basket = 69 lb = 0.0308036 ton
Pebyugale		
Pegyi		
Pegya		

Fiscal Year

April 1 - March 31

Conversion of Weights and Measures

1 acre	=	0.4047 hectares	
1 bag of rice	=	120 lb. avoir	
1 Viss	=	3.6 lb. avoir	
1 Long ton	=	622.2 viss	
1 Long ton (2240 lb)	=	1.016 metric ton	
Paddy 1 basket	=	46 lb	= 0.0205357 ton
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Mustard (seeds) 1 basket	=	57.6 lb	= 0.0257143 ton
Sunflower (seeds) 1 basket	=	32 lb	= 0.0138888 ton
Niger (Panhnar) 1 basket	=	50 lb	= 0.0223214 ton

Matpe	
Pedisein	
Pesingon	
Peboke	
Peyin	1 basket = 72 lb = 0.0223214 ton
Penauk	
Peyazar	
Pelun	
Sadawpe	
Butter bean	
Sultani	
Sultapya	
Gram	1 basket = 69 lb = 0.0308036 ton
Pebyugale	
Pegyi	
Pegya	

Fiscal Year

April 1 - March 31

Conversion of Weights and Measures

(a) WEIGHT

	<i>viss</i>	<i>lb</i>	<i>kilogram</i>	<i>long ton</i>	<i>short ton</i>	<i>metric ton</i>
1 viss	1	3.6	1.6329	0.001607143	0.0018	
1 lb	0.2778	1	0.4536			
1 kilogram	0.6124	2.204622	1			
1 long ton	622.2222	2240	1016.047	1	1.12	1.016047
1 short ton	555.5555	2000	907.18	0.89286	1	0.90718
1 metric ton	612.3952	2204.62	1000	0.9842065	1.102311	1

(b) LENGTH

	<i>cm</i>	<i>feet</i>	<i>metre</i>	<i>mile</i>	<i>kilometer</i>
1 inch	2.53995	1/12	0.0253995	1/63360	-
1 foot	30.48	1	0.304801	1/5280	-
1 metre	100	3.28085	1	0.0006213	1/1000
1 mile	-	5280	1609.34	1	1.60934
1 kilometre	100000	-	1000	0.621371	1
1 Nautical mile (UK)	-	6080	1853.2	1.151515	1.8532
1 Nautical mile (Intl.)	-	6076.11549	1852	1.150779	1.852

(c) AREA

	<i>acre</i>	<i>ha</i>	<i>sq. mile</i>	<i>sq. km</i>
1 acre	1	0.404686	1/640	0.004047
1 hectometre (ha)	2.473	1	0.003861	1/100
1 square mile	640	258.9981	1	2.589981
1 square kilometer	247.1054	100	0.386102	1

1 long ton/mile = 0.631342 kg/m g/km)

1 lb/sq. in = 703.07 kg/m²

1 gal/mile = 2.825 litre/km

1 USgal/mile = 2.352 litre/km

(d) VOLUME

	<i>true cubic feet</i>	<i>Hoppus cu. ft.</i>	<i>cu. metre</i>	<i>true cu. ton</i>	<i>Hoppus cu. ton</i>
1 true cu. ft.	1	0.7853982	0.028317	1/50	0.02546479
1 Hoppus cu. ft.	1.2732395	1	0.036054	0.015707964	1/50
1 cu. meter	35.3147	27.7401	1	0.7064	0.5548
1 true cu. ton	50	3926991	1.41585	1	0.7853982
1 Hoppus cu. ton	63.661975	50	1.8024	1.2732395	1
1 cu. metre/ha	14.29/ac	11.226/ac	0.404686/ac	0.28587/ac	0.22452/ac
1 true cu. ton/ac	123.5529/ha	97.038/ha	3.4986/ha	2.471054/ha	1.9407/ha
1 Hoppus cu. ton/ac	157.3124158/ha	123.5529/ha	4.453834/ha	3.146248/ha	2.471054/ha

Conversion of Weights and Measures

(e) VOLUME

<i>Hoppus cu. ft. (solid)</i>	
1 cu.ft.(stacked)	0.66
1 bag of charcoal (90 lbs)	16
firewood (100 cu. ft. stacked)	66
Firewood 1cartload (45 cu. ft. stacked)	29.7
Post below 1' girth	0.5
Post 1' 0" - 2' 11" girth	5
Log 3' - 4' 5" girth	20
Log 4' 6" girth & over	45

(f) LIQUID

	<i>gallon</i>	<i>US gallon</i>	<i>litre</i>	<i>cu. in</i>	<i>cu. cm</i>
1 gallon	1	1.20094	4.54609	277.42	4546.099
1 US gallon	0.832681	1	3.78533	231	3785.397
1 litre	0.22	0.264178	1	61.02545	1000.028

(g) ENERGY

	<i>HP</i>	<i>HP (metric)</i>	<i>kilowatt</i>	<i>BTU/hour</i>	<i>foot-lb/sec</i>	<i>kg-m/sec</i>	<i>k-cal/hr</i>
1 HP	1	1.014	0.7457	2545	550	76.04	641.3
1 HP (metric)	0.9863	1	0.7355	2510	542.5	75	632.6
1 kilowatt	1.341	1.36	1	3413	737.6	102	860
1 BTU/hr	0.0003929	0.0003984	0.000293	1	0.2161	0.02988	0.252

True cubic feet = $p (d/2)^2 L = p r^2 L$

Hoppus cubic feet = $(G/4)^2 L = (p/4) (pd^2/4) L = p/4 * pr^2L$

where d = diameter in feet; L = length in feet;

r = radius in feet; G = girth in feet. $p = 3.1415927$

1 calorie = 0.003968 BTU = 4.1868 joules

1 calorie/sec = 4.1868 watt

1 litre atmosphere = 101.325 Joules

1 Watt = 1 Joule/sec

<https://www.csostat.gov.mm>
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