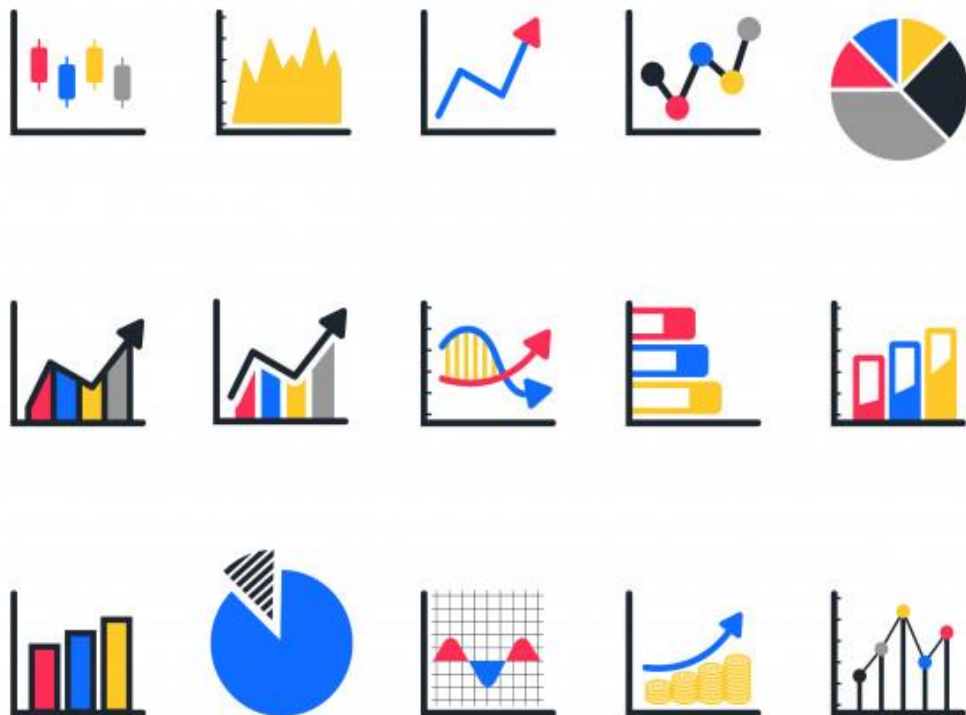


**HANDBOOK ON
HUMAN RESOURCES DEVELOPMENT INDICATORS,
2019-2020**



**The Republic of the Union of Myanmar
Ministry of Labour
Department of Labour**



www.mol.gov.mm

**HANDBOOK ON
HUMAN RESOURCES DEVELOPMENT INDICATORS,
2019-2020**

AUGUST 2021

Nay Pyi Taw

The Republic of the Union of Myanmar
Ministry of Labour
Department of Labour

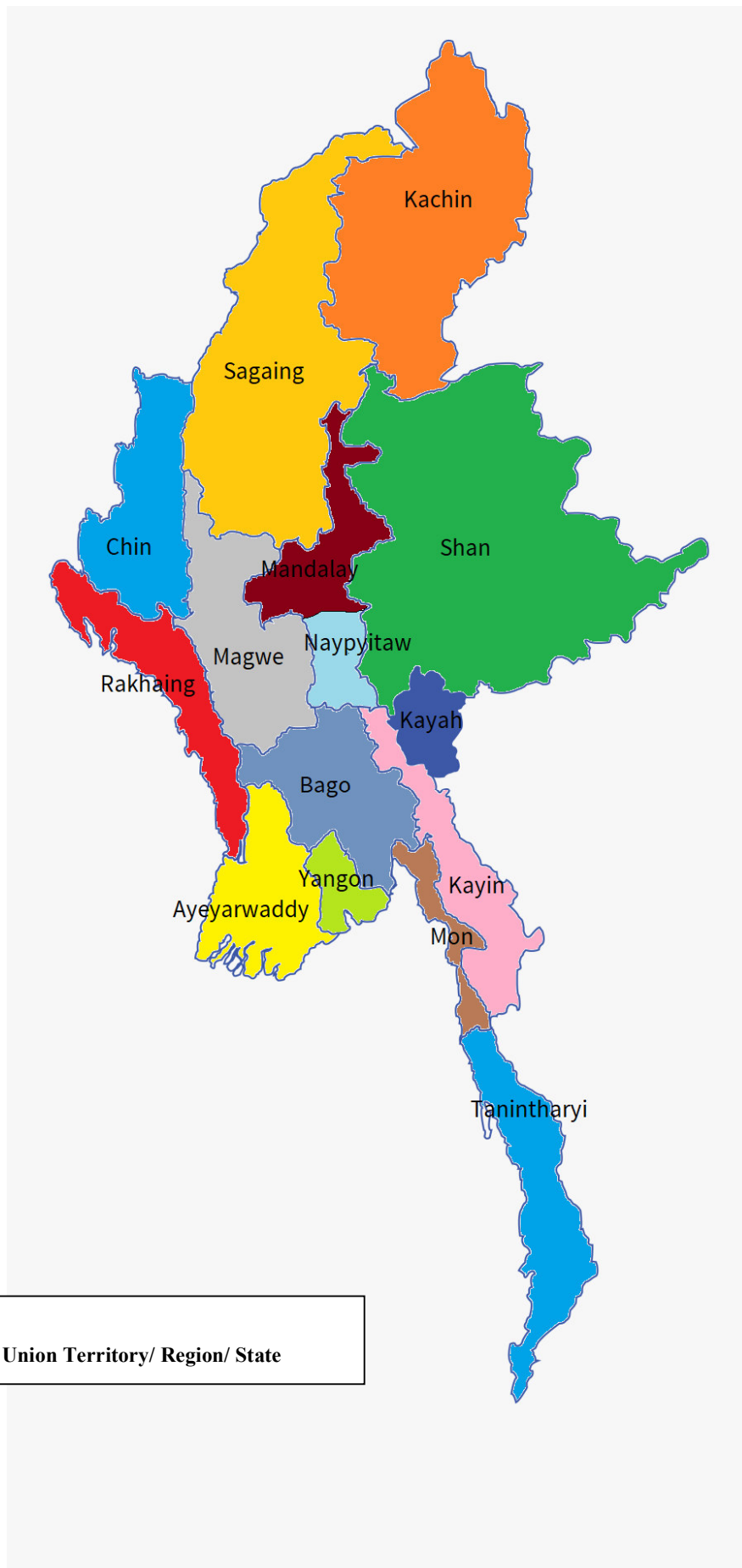


HANDBOOK ON
HUMAN RESOURCES DEVELOPMENT INDICATORS
2019-2020

AUGUST 2021

Nay Pyi Taw

The Republic of the Union of Myanmar



FOREWORD

This "Users' Handbook on Human Resources Development Indicators, 2019-2020" is the twenty-first issue published by the Department of Labour under the guidance of the Ministry of Labour. This outcome is no doubt the sustained effort of the Department of Labour to publish such Handbook annually aimed at providing salient HRD-Indicators for its users viz: policy makers, planners, researchers and the like.

According to its tradition, this Booklet accommodates a set of core HRD Indicators encompassing various sectors of the economy with special emphasis on the aspects of Population, Vital Statistics, Health and Nutrition, Education and Training, Labour Force, Economic Indicators, Food Availability and Land Use and other Indicators. One important feature of this Handbook is that all the essential HRD-Indicators have been put in a nutshell for quick reference by its users.

These indicators can no doubt reveal current economic and social status of the country in one way or the other and thereby their importance has been well recognized by the users. In view of this, Department of Labour has been endeavoring for the emergence of such Booklet year after year with the cooperation and expertise of concerned Ministries, Departments and private organizations. Taking this opportunity, Department of Labour would like to extend its profound thanks for their sincere contributions to expedite the compilation of credible and reliable HRD-Indicators and relevant statistical data.

Consequently, Department of Labour would like to welcome their unrelenting cooperation and support and at the same time look forward to the continued publication of these Handbooks in the years to come.

Director General
Department of Labour

HUMAN RESOURCES DEVELOPMENT INDICATORS, 2019-2020

CONTENTS

TABLE NO.		PAGE
	I. POPULATION	
1.	Population and Growth Rate (As of 1 st October)	1
2.	Total List of Districts, Townships, Towns, Wards, Villages-tracts and Villages in Union Territory, Regions and States (2020)	1
3.	Population, Area, Density and Mean Household Size by Union Territory, Region and State, 2019	2
4.	Population Distribution and Sex Ratio by Age and Sex, 2019	2
5.	Dependency Ratio	3
	II. VITAL STATISTICS	
6.	Selected Vital Indicators	4
	III. HEALTH AND NUTRITION	
7.	Health and Nutrition Indicators	5
8.	Availability of Health Personnel and Facility	6
9.	Traditional Medicine Health Facilities	6
	IV. EDUCATION AND TRAINING	
10.	Indicators on Basic Education	7
11.	Number of Graduates by field of study on specialization	7-12
12.	Number of Persons Completing Skills Training Courses in TAV Institutions	12-19
13.	Percentage of Female Students by Education Level	19
	V. LABOUR STATISTICS	
14.	Labour Force, Labour Force Participation Rate and Unemployment Rate	20
15.	Percentage of Employed Population by Industry Group	21
16.	Percentage of Employed Population by Occupation Group	22
	VI. ECONOMIC INDICATORS	
17.	Indicators on Economic Performance	23
18.	Public Expenditure by Sector	23-24
	VII. FOOD AVAILABILITY AND LAND USE	
19.	Food Production and Land Use	24
	VIII. OTHER INDICATORS	
20.	Transportation, Communication and Information Indicators	25-26
21.	Mass Media	27
22.	Social Welfare Establishments	28-30
23.	Establishments under Myanmar Maternal and Child Welfare Association	31
24.	Total Number of Villages with Social Services	32
25.	Crime Rate	32
26.	Single Leading Causes of Morbidity for Union (Percentage)	33
27.	Single Leading Causes of Mortality for Union (Percentage)	34

CHART NO.		PAGE
	IX. LIST OF CHARTS	
I	Population Pyramid by Sex and Age Group(2019)	3
II.	Crude Birth & Crude Death Rates(CSO)	4
III.	Crude Birth & Crude Death Rates(DOP)	4
IV.	Labour Force by Sex	20
V.	Percentage of Employed Person by eight most Economic Sectors	21
VI.	Percentage of Employed Population by Occupation Group	22
VII.	GDP Performance(Value in current)	23
VIII.	GDP Growth Rate	23
IX.	Food availability per head	25
X.	Transportation and Communication Indicators	26
XI.	Mass Media (Public)	27
XII.	Mass Media (Private)	27
XIII.	Crime Rate (per 100,000 populations)	33
	X. LIST OF INDICATORS	35-67
	XI. DEFINITIONS OF HUMAN RESOURCES DEVELOPMENT INDICATORS CONTENTS	68-69
	XII. GLOSSARY AND METHODOLOGICAL NOTES OF HUMAN RESOURCES DEVELOPMENT INDICATORS	70-82
	XIII.ACRONYMS FOR DATA SOURCES ARE PRESENTED IN ITALICS BELOW	83-84

I. Population

Information on population is usually collected and published by the Department of Population (DOP). The total population figures by sex and by growth rate are presented in Table 1.

Table 1. Population and Growth Rate (As of 1st October)

(Indicator No.1)

(in million)

Year	Male	Female	Total	Growth Rate (%)
2018	25.85	28.01	53.86	0.88
2019	26.05	28.29	54.34	0.88

Source: DOP

Geographically, Myanmar is divided into Union Territory, 7 Regions and 7 States. Numbers of District, Township, Town, Ward, Village-tract and Village by Union Territory, Region and State are presented in Table 2.

Table 2. Total List of District, Township, Town, Ward, Village-tract and Village in Union Territory, Region and State (2020)

Union Territory / Region/ State	Self Admin- istrative Division	Self Admin- istrative Zone	District	Township	Town	Ward	Village- tract	Village
Kachin			4	18	33	178	587	2,507
Kayah			2	7	11	52	74	510
Kayin			4	7	18	86	376	2,097
Chin			4	9	20	72	463	1,342
Sagaing		1	11	37	50	272	1,758	5,993
Tanintharyi			3	10	18	90	270	1,255
Bago			4	28	52	328	1,417	6,500
Magway			5	25	32	199	1,538	4,790
Mandalay			7	28	30	282	1,414	4,799
Mon			2	10	17	106	367	1,143
Rakhine			5	17	28	195	1,036	3,701
Yangon			4	45	21	743	621	2,143
Shan	1	4	12	55	87	518	1,560	13,783
Ayeyarwady			6	26	45	302	1,920	11,860
Nay Pyi Taw			2	8	8	58	187	796
Total	1	5	75	330	470	3,481	13,588	63,219

Source: GAD

Table 3. Population, Area, Density and Mean Household Size by Union Territory, Region and State, (2019)

Union Territory/ Region/ State	Male	Female	Total	Area (Sq-km)	Density (per sq-km)	^aMean Household Size
Kachin	987,287	911,391	1,898,678	89,042	21	5.2
Kayah	160,731	162,842	323,573	11,732	28	4.7
Kayin	785,159	824,731	1,609,890	30,383	53	4.8
Chin	248,084	271,451	519,535	36,019	14	5.5
Sagaing	2,624,311	2,945,695	5,570,006	93,702	59	4.9
Tanintharyi	736,243	749,245	1,485,488	43,345	34	5.0
Bago	2,340,611	2,598,850	4,939,461	39,404	125	4.2
Magway	1,804,722	2,131,042	3,935,764	44,821	88	4.3
Mandalay	3,069,590	3,437,744	6,507,334	30,888	211	4.5
Mon	939,672	1,050,045	1,989,717	12,297	162	4.7
Rakhine	1,585,057	1,748,378	3,333,435	36,778	91	5.0
Yangon	3,927,305	4,366,802	8,294,107	10,277	807	4.6
Shan	3,179,297	3,201,019	6,380,316	155,801	41	4.8
Ayeyarwady	3,041,756	3,231,135	6,272,891	35,032	179	4.2
Nay Pyi Taw	620,023	659,548	1,279,571	7,057	181	4.4
Total	26,049,848	28,289,918	54,339,766	676,578	80	4.6

Source: Projected population as of 1st October (Census Report volume 4-F)

a 2019 Inter-censal Survey, DOP

Table 4. Population Distribution and Sex Ratio by Age and Sex, (2019)

Age Group	Population (number)			Distribution (%)			Sex Ratio
	Male	Female	Total	Male	Female	Total	
0-4	2,533,480	2,469,271	5,002,751	4.7	4.5	9.2	102.6
5-9	2,416,553	2,368,299	4,784,852	4.4	4.4	8.8	102.0
10-14	2,556,562	2,480,808	5,037,370	4.7	4.6	9.3	103.1
15-19	2,550,717	2,486,376	5,037,093	4.7	4.6	9.3	102.6
20-24	2,269,659	2,338,616	4,608,275	4.2	4.3	8.5	97.1
25-29	2,033,346	2,228,487	4,261,833	3.7	4.1	7.8	91.2
30-34	1,939,847	2,150,605	4,090,452	3.6	4.0	7.5	90.2
35-39	1,838,753	2,026,834	3,865,587	3.4	3.7	7.1	90.7
40-44	1,668,006	1,870,788	3,538,794	3.1	3.4	6.5	89.2
45-49	1,509,559	1,745,856	3,255,415	2.8	3.2	6.0	86.5
50-54	1,332,425	1,579,911	2,912,336	2.5	2.9	5.4	84.3
55-59	1,130,255	1,378,298	2,508,553	2.1	2.5	4.6	82.0
60-64	865,980	1,101,530	1,967,510	1.6	2.0	3.6	78.6
65-69	618,532	826,636	1,445,168	1.1	1.5	2.7	74.8
70-74	373,461	541,752	915,213	0.7	1.0	1.7	68.9
75+	412,713	695,851	1,108,564	0.8	1.3	2.0	59.3
Total	26,049,848	28,289,918	54,339,766	48.1	52.0	100.0	92.1

Source : Projected population as of 1st October (Census Report volume 4-F)

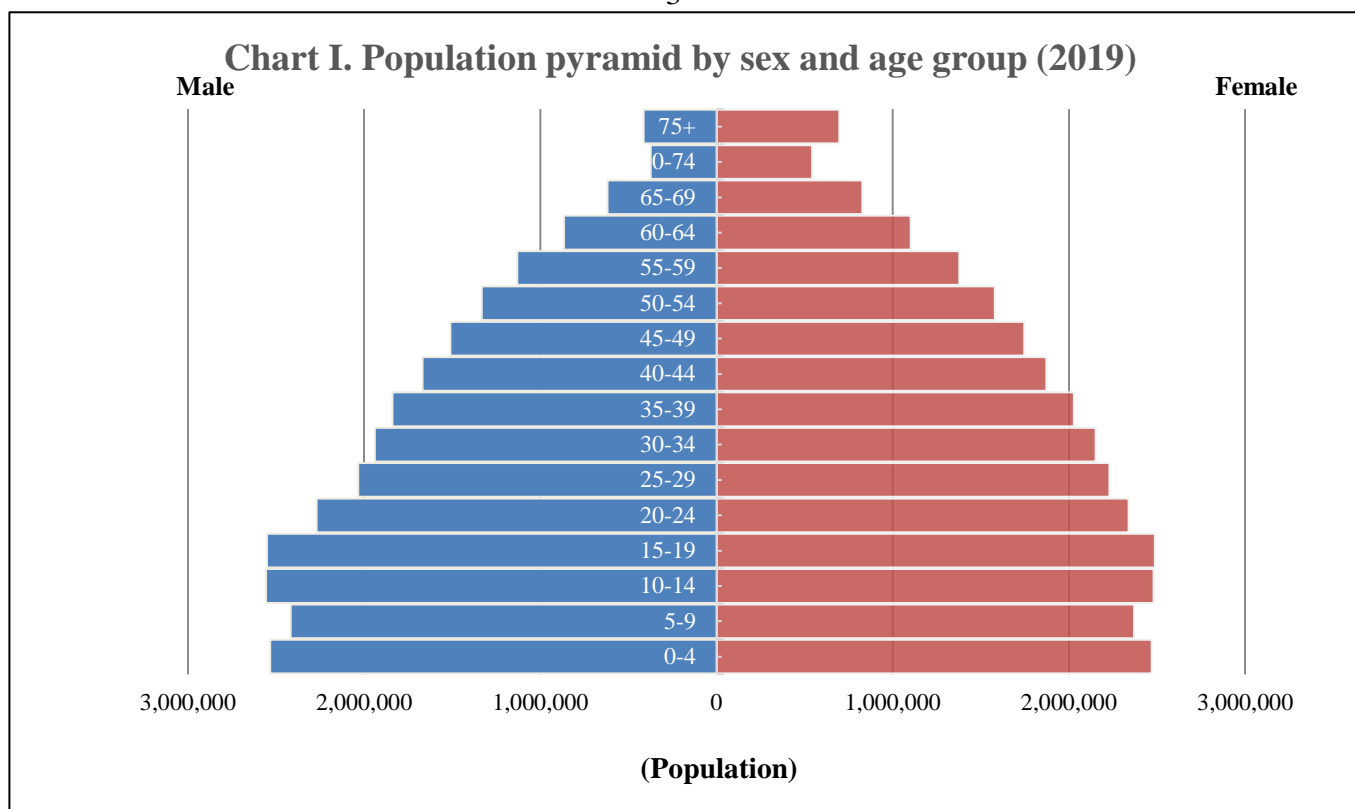


Table 5. Dependency Ratio

(Indicator No. 2)

Indicator		14/15	15/16	16/17	17/18	Mini Budget	18/19 ^a	19/20 ^b
Dependency Ratio	Total	53.2	52.4	52.0	51.6		51.2	50.6
	Old-age DR (65+)	9.0	8.8	9.0	9.2		9.4	9.7
	Young DR (0-14)	44.2	43.6	43.0	42.4		41.8	40.9
Dependency Ratio	Total	60.7	60.4	60.1	59.9		59.6	59.4
	Old-age DR (60+)	14.3	14.5	14.8	15.2		15.5	16.1
	Young DR (0-14)	46.4	45.9	45.3	44.7		44.1	43.3

Source: a Thematic report on population projections for the Union of Myanmar, States/ Regions, Rural and Urban Areas, 2014-2050, DOP

b 2019 Inter-censal Survey, DOP

II. Vital Statistics

In Myanmar, vital statistics are collected and disseminated by Central Statistical Organization (CSO) in collaboration with the Department of Population (DOP), General Administrative Department (GAD) and Department of Public Health (DOPH). The vital rates, namely, Crude Birth Rate (CBR), Crude Death Rate (CDR) and Maternal Mortality Ratio (MMR) for the union are derived from the urban and rural areas using appropriate weights. Crude Birth and Crude Death Rates are also presented in Chart II and Chart III. Caution must be taken when comparing figures with other countries or even within the country from one year to the other, since coverage and completeness of the vital registration system vary.

Table 6. Selected Vital Indicators
(Indicator No. 3,4 & 7)

Indicator		14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Crude Birth Rate-CBR ^a (per 1,000 population)	Union	20.6^b	20.4^b	20.2^b	19.9^b		19.7^b	19.5(p)
	Rural	22.2 ^b	21.9 ^b	21.5 ^b	21.2 ^b		20.9 ^b	20.6(p)
	Urban	16.8 ^b	16.8 ^b	16.9 ^b	16.9 ^b		16.9 ^b	17.0(p)
Crude Birth Rate-CBR ^c (per 1,000 population)	Union	20.4	20.2	20.0	19.8		19.5^d	16.6^e
	Rural	21.9	21.6	21.3	21.0		20.6 ^d	15.0 ^e
	Urban	16.8	16.9	16.9	16.9		17.0 ^d	17.2 ^e
Crude Death Rate-CDR ^a (per 1,000 population)	Union	9.5^b	9.3^b	9.1^b	8.9^b		8.7^b	8.6(p)
	Rural	9.4 ^b	9.2 ^b	9.0 ^b	8.8 ^b		8.6 ^b	8.5(p)
	Urban	9.7 ^b	9.5 ^b	9.3 ^b	9.1 ^b		9.0 ^b	8.8(p)
Crude Death Rate-CDR ^c (per 1,000 population)	Union	9.3	9.1	8.9	8.8		8.6^d	7.8^e
	Rural	9.3	9.0	8.8	8.7		8.5 ^d	9.3 ^e
	Urban	9.6	9.3	9.2	9.0		8.8 ^d	7.2 ^e
Maternal Mortality Ratio-MMR ^a (per 100,000 live birth)	Union	209^b	236^b	203^b	202^b		208^b	
	Rural							
	Urban							
Maternal Mortality Ratio-MMR ^c (per 100,000 live birth)	Union	281.6						
	Rural	309.7						
	Urban	192.5						

Source: a These figures represent calendar year. Civil Registration and Vital Statistics (CRVS) System (CSO)
c The 2014 Myanmar Population and Housing Census(DOP)
d Thematic report on population projections for the Union of Myanmar States/ Regions, Rural and Urban Areas, 2014-2050 (DOP)
e 2019 Inter-censal Survey (DOP)
Note: b Calculating based on population projections, 2014-2050, Census Report Volume 4-F (DOP)
p= provisional data

Chart II. Crude Birth & Crude Death Rates (CSO)

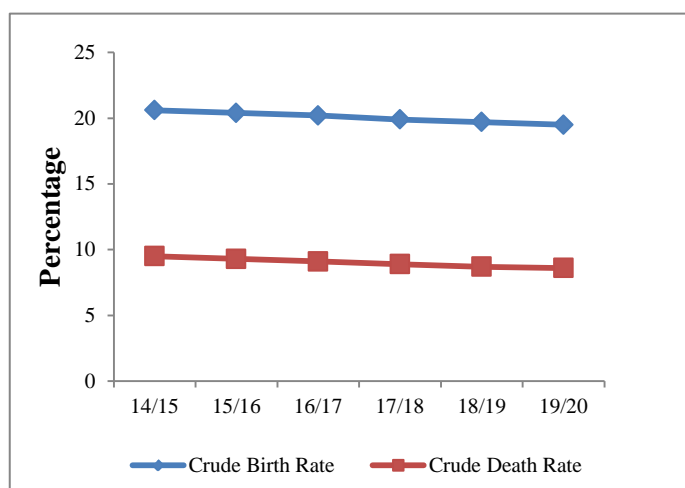
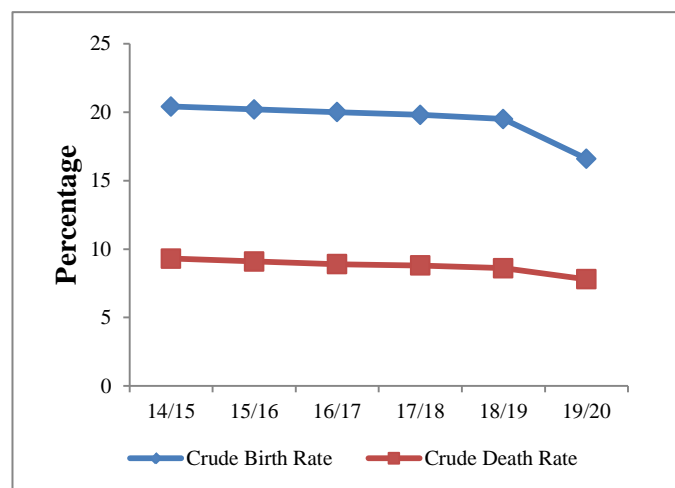


Chart III. Crude Birth & Crude Death Rates (DOP)



III. Health and Nutrition

There are several indicators concerning health and nutrition. The indicators are usually obtained from the Department of Public Health (DOPH) and the Department of Medical Services (DOMS). Most of these indicators are obtained from Health Information System: however, a few from *ad hoc* surveys. Values of some indicators are not available for a few years. Table 7 shows selected indicators with reference year.

Table 7 . Health and Nutrition Indicators
(Indicator No. 9,10, 11, 16, 19 & 20)

Indicator		14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Percentage of Severe and Moderately Malnourished Children Under 5								
Moderately Underweight (%)		2.55 ^a	1.62 ^a	15.2 ^b	15.2 ^b		15.7 ^c	
Severe Underweight (%)		0.15 ^a	0.12 ^a	3.7 ^b	3.7 ^b		3.4 ^c	
Contraceptive Prevalence Rate among eligible couples ^d (Modern Method)(%)								
	Union	50.4	55.3	61.3	67.2		69.3	71.1
Percentage coverage of Pentavalent Vaccine (3 rd Dose) ^d	Union	85.3	87.5	87.3	90.2		92.1	90.9
Number of Villages per Rural Health Center ^d		37.65	35.90	35.90	36		31	34
Number of Villages per Rural Health Centre or Sub Rural Health Center ^d		6.29	5.79	5.79	8		5	6
Proportion of population access to improve drinking water (%) ^d	Union			81.3	83.9		84.9^b	86.1
	Rural			83	82.1		83.5 ^b	83.7
	Urban			94.1	90.7		89.7 ^b	93.4
Accessible to safe and convenient drinking water	Village	3,940	3,455	3,634	1,269	989	1,803	4,074
Proportion of population access to improve sanitary latrines (%) ^d	Union			76.6	78.3		80.0^b	80.0
	Rural			78.3	74.6		76.7 ^b	76.3
	Urban			92.3	90.9		90.6 ^b	92.4
Proportion of households with improved sanitation facilities (%)	Union	74.30^e						91.4^f
	Rural	67.30 ^e						
	Urban	92.30 ^e						

Source: a National Nutrition Centre, (DOPH)
b Myanmar Demographic and Health Survey-MDHS(2015-2016), (DOPH)
c Myanmar Micronutrient and Food Consumption Survey, MMFCS(2017-2018), (DOPH)
d Health Information Section, (DOPH)
e The 2014 Myanmar Population and Housing Census, (DOP)
f 2019 Inter-censal survey, (DOP)

A composite indicator for measuring the quality of health care services in the rural areas, namely, *percentage of rural health centers which are adequately equipped with staff, equipment and essential drug* is of recent induction. Indicators on the availability of health personnel and hospital facility for the whole country are given in Table 8.

Table 8. Availability of Health Personnel and Facility
(Indicator No. 12, 13, 14 & 15)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Number of Physician ^a	9,775	7,701	8,531	9,449		11,112	10,803
Number of Physician per 10,000 populations	1.88	1.47	1.61	1.77		2.06	1.90
Number of Nurse ^a	16,604	17,919	18,817	19,984		21,508	23,464
Number of Nurse per 10,000 populations	3.19	3.42	3.56	3.74		4.00	4.30
Number of Hospital Bed ^a	47,454	54,703	54,844	55,022		55,378	55,768
Number of Hospital Bed per 10,000 populations	9.13	10.43	10.36	10.31		10.28	10.10
Number of Government Hospitals^b	1,029	1,123	1,124	1,134		1,151	1,168
Specialist Hospitals	31	32	32	33		33	33
General Hospitals with Specialist Services (200 beds & above)	47	50	51	51		51	51
150 bedded hospitals	2	2	2	2		2	2
100 bedded hospitals	42	41	40	40		40	40
50 bedded hospitals	79	112	113	115		115	119
25 bedded hospitals	182	151	150	149		150	148
16 bedded hospitals	10	10	10	9		9	9
Station Hospitals	636	725	726	735		751	766
Private Hospitals	182	208	214	224		244	251
Private Specialist Clinic	482	491	579	655		890	895

Note: a Figures are based on by DOP calculated 2014 Population and Housing Census.

b Facility Data: DOMS and other Ministries. Calculation based on appointed health workforce in public hospitals

Table 9. Traditional Medicine Health Facilities
(Indicator No. 17)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Traditional Medicine Hospitals (Public Sector)^a	17	22	22	32	36	42	44
100 bedded hospitals	3	3	3	3	3	3	3
50 bedded hospitals	6	9	9	9	9	9	9
25 bedded hospitals		4	4	8	9	10	11
16 bedded hospitals	8	6	6	12	15	20	21
Dispensaries (Public Sector)	247	260	260	260	260	260	260
Private Traditional Clinic (Estimated)		812	812	812	812	899	901
Registered Traditional Medical Practitioners	6,966	7,113	7,200	7,200	7,384	7,437	7,488
Traditional Medicine Practitioners Population Ratio	1:7,463	1:7,374	1:7,421	1:7,421	1:6,973	1:6,923	1:6,876
Registered Traditional Medicine Drugs	13,114	13,182	13,391	14,046	14,387	14,862	15,019
Traditional Medicine Manufacturing Licenses	2,769	2,878	2,889	3,099	3,175	3,359	3,423

Note: a All Data were carried over

IV. Education and Training

The Ministry of Education is the main sponsor of education and training, especially in the areas of basic education, teacher education and higher education. Education, especially the higher education sub-sector, is shared among 6 different Ministries.

The indicators on basic education and teacher education are usually obtained from the Department of Education and Training. The indicators on higher education are obtained from the Department of Higher Education and other concerned Ministries. Although various types of short term vocational training are conducted by government departments and private institutions, it is difficult to get reliable statistics on such training courses or programmers.

Table 10. Indicators on Basic Education
(Indicator No. 21, 22, 23, 24 & 25)

Indicator		14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Gross Enrollment Ratios by Level	Primary	105.75	109.32	108.87	117.40		110.56	
	Middle	67.30	69.79	72.10	74.96		78.29	
	High	92.30	46.84	47.37	56.59		59.84	
Net Enrollment Ratios by Level	Primary	94.48	95.10	96.92	96.99		97.00	
	Middle	54.34	56.17	60.86	63.68		71.45	
	High	27.98	29.42	34.84	45.84		46.21	
Transition Rates by Levels ^a	P to M	90.12	94.54	98.97	96.55		94.11	
	M to H	93.37	95.12	93.73	93.79		87.13	
Retention Rates by Level ^a	Primary	68.17	71.01	96.39	69.64		73.55	
	Middle	78.52	78.56	79.83	80.78		84.33	
	High	86.19	80.99	83.29	81.14		83.79	
Completion Rates by Level ^a	Primary	63.90	66.81	67.12	68.82		76.42	
	Middle	66.13	70.76	77.35	79.83		87.59	
	High	29.30	22.91	22.39	20.72		19.24	
Gross Intake Rate	KG	111.80	111.50	120.60	110.34		93.46	
Net Intake Rate	KG	98.28	98.96	96.43	69.59		79.00	
Internal Efficiency of Primary Education								
	Efficiency(%) ^b	84.27	86.72	91.84	87.20		97.65	
	Graduates(%) ^c	78.60	73.30	84.70	81.20		87.60	
Pupil - Teacher Ratio	Primary	1:22	1:23	1:23	1:20		1:25	1:24
	Middle	1:33	1:28	1:28	1:28		1:27	1:27
	High	1:26	1:21	1:22	1:25		1:21	1:21

- Note:
- a Transition rates, Retention rates and Completion rates are estimated
 - b Internal Efficiency Coefficient for Primary Education (percent)
 - c Number of primary level graduates from the cohort of 100 new KG intakes under prevailing student flow rates

Table 11. Number of Graduates by field of study on specialization
(Indicator No. 27)

Specialization	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Buddhistic Studies	231	258	244	223		233	250
Buddha Dhamma^a	107	123	116	98		114	131
Diploma	49	42	66	48		51	64
B.A	42	51	40	30		43	51
M.A	16	28	10	12		14	14
Ph. D		2		8		6	2
Buddhism^b	124	135	128	125		119	119
B.A	99	111	116	111		102	102
M.A	23	18	11	14		16	16
Ph.D	2	1	1			1	1
D.Litt		5					
(DPSS)							
Engineering and Architecture^c	18,884	26,773	35,379	18,261		11,536	185
B.Tech	9,642	17,482	14,274	139			
B.E & B. Arch	8,664	9,018	20,715	16,775		11,073	185
M.E & M. Arch	508	153	343	879		396	
Ph. D	70	120	47	468		67	

- Note:
- a Award from International Theravada Buddhist Missionary University
 - b Award from State Pariyatti Sasana University (Yangon and Mandalay)
 - c The same degree are awarded from concerned Universities, Colleges are combined as one

Specialization	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Engineering Science	236	226	307	276		267	230
Diploma	138	87	202	161		203	164
B.Sc	2	20	13	9		6	11
B.Sc (Hons:)	89	113	92	106		58	55
Ph. D	7	6					
<i>(MMU,DHE,DTVET,DET)</i>							
Myanmar Mercantile Marine College	156	133	124	126		106	132
Dip.N.S	83	64	64	56		56	63
Dip.Mar.Tech	73	69	60	70		50	69
<i>(MMM)</i>							
Computer Science and Technology	986	2,205	2,709	2,769		2,436	
Computer Science	821	1,956	2,251	2,115		2,017	
Post Graduate Diploma	419	441	107			26	
B.C.Sc		1,434	2,009	1,988		1,903	
B.C.Sc (Hons:)	364						
M.C.Sc	38	81	135			88	
Ph.D				127			
Information Science	61	11	10	206		34	
M.I.Sc	1		2	16			
Ph.D(IT)	60	11	8	190		34	
Computer Applied Science				8			
D.C.A							
M.A.Sc				8			
Computer Technology	104	238	365	440		385	
B.C. Tech		223	337	421		367	
B.C. Tech (Hons:)	99						
M.C.Tech	5	15	28	19		18	
Ph.D							
Applied Science			83				
B.S(Bio-Tech)			54				
M.S (Bio-Tech)			23				
Ph.D (Bio-Tech)			6				
Economics	3,422	4,419	2,787	499		7,319	
B.A(Economics)	3,175	3,862	2,246			5,868	
B.Dev.S(Development Studies)		64	56	44		30	
BPA(Public Administration)		69	46	47		27	
BPA(Hons:)		2	20	7		5	
M.P.A	72	59	96	7		390	
B.Econ(Economics)		194	124	107		361	
B.Econ (Hons:)(Economics)	14		13	41		14	
M.Econ(Economics)	19	5	8	12		50	
B.Dev.S(Hons:)			9	6		220	
M.Dev.S	58	54	55	82		136	
Dip.DS	80	108	110	145		216	
Ph.D	4	2	4	1		2	
D.E.S							

Specialization	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Statistics	6	281	202	339		664	
B.Econ(Statistics)		118	141	161		463	
B.Econ(Statistics) (Hons:)			13	1		18	
M.Econ(Statistics)	6	3		8		35	
BPS(Population Studies)		62	38	55		5	
BPS(Hons:)			9	1		2	
D.S						132 ^a	
MPS(Master Population Studies)						6	
Ph.D			1	1		3	
Dip. RS		98		112			
Commerce	419	1,150	1,115	3,344		2,595	
B.Com		198	211	209		612	
B.Act		92	89	87		78	
B.Act(Hons:)			4	13		8	
BBA		244	218	170		555	
BBM		179	90	155		350	
B.Com(Hons:)			6			22	
M.Com	14	13	13	13		74	
M.B.A	150	205	178	189		448	
D.M.A	42	37	35	57		28	
DAA				2,017			
M.Act				4		22	
BBA (Hons:)		13	20	13		23	
D.Fac							
Diploma of Banking (DB)				159		137	
Ph.D	2	2	4	6		8	
MBF				107		230	
Dip. Marketing	211	167	247	145			
PGDAA							
(DHE)							
Cooperative	1,443	1,872	1,491	1,489		1,873	1,654
B.BSc ^b	1,031	1,091	946	1,095		1,448	1,156
Dip.A.F		138					
Dip.A.S		153	119	112		101	106
Dip.B.M	86	1					
Dip.B.Acct	266	98	174	79		109	133
Dip.S.E.M		113	56	79		69	82
Dip.R.D		139	98	61		68	89
Dip.M.M	60	139	98	63		78	88
(DOC)							

Source: a These figures are provided by CSO and DHE

Note: b These figures include Regional Development, Accounting and Finance, Applied Statistics, Bachelor of Business Science, Business Management, Business Accounting, Marketing Management and Social Enterprise Management degrees by Yangon Cooperative University and Sagaing Cooperative University

Specialization	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Education^a	17,954	23,908	35,078	34,741	1,408	9,424	388
Diploma ^b	4,700	5,129	6,139	7,506		597	
B.Ed	2,396	3,655	5,046	1,596	1,372	1,348	302
B.Ed(Bridges)	600	600	617				
M.Ed	203	242	294	24	36	325	13
D.T.Ed	4,335	5,107	11,882	12,998		7,141	73
Ph.D	5	3	7			13	
PPTT	5,715	9,172	11,093	12,617			
(DHE, DET, DERPT)							
Forestry	186	181	139	97	13	103	57
B.Sc	177	170	126	86		76	42
M.Sc(Local)	1	2	2	2	7	4	
M.Sc(Overseas)	8	7	7	6	5	21	11
Ph.D(Local)			1		1	1	
Ph.D(Ovreseas)		2	3	3		1	4
(FD)							
Veterinary	272	65	227	329	1	309	3
B.V.Sc ^c	229		195	221		226	
B.A.Sc				93		65	
Dip L.I.S	7						
M.V.M(Local)		7	2				
M.V.Sc(Local)	26	53	27	11		17	
Ph.D(Local)	7	4	1	2		1	
Ph.D(Overseas)	3	1	2	2	1		3
(UVS)							
Arts & Science^d	71,942	95,808	112,433	96,482	1,399	148,959	262
Arts	45,947	59,291	72,665	65,833	554	101,916	94
Diploma	2,205	1,337	1,894	1,224		1,302	
B.A	42,220	54,429	68,943	62,250	554	97,735	94
B.A(Hons:)	84	1,011	593	1,326		1,374	
B.A(Q)	24						
B.A(HC)				4			
M.A	1,039	2,076	968	837		1,302	
M.A(HC)				6			
M.Res	103	60	135	91		9	
Ph.D	185	159	132			120	
PGDA(L.M)	87	69		95		74	
DESP ^e		86					
MESP ^e		64					
(DHE,FAD,DET)							

- Note:
- a These figures include University for the Development of the National Races of the Union, Union Civil Service Board
 - b Diploma refers to PGDT, PGDMA, and DTEC
 - c The academic year of veterinary is increased into 6 years. So, convocation was not held in 2015/ 2016
 - d Arts and Science refers to arts disciplines such as history, geography, law etc. and to science disciplines such as zoology, botany, chemistry, mathematics, etc. These figures include University of Culture and Department of Education and Training
- Source:
- e These figures only refer to Department of Technology, Promotion and Coordination

Specialization	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Science	25,995	36,517	39,768	30,649	845	47,043	168
Diploma	318	1,421	229			197	
B.Sc	22,880	30,714	35,070	24,558	845	39,561	168
B.Sc(Hons:)	90	1,536	1,939	3,718		4,059	
M.Sc	2,016	2,351	1,652	1,854		2,999	
M.Res	474	277	667	404		46	
Ph.D	217	218	211	115		181	
<i>(DHE,DET)</i>							
Foreign Languages	974	1,104	1,111	1,207		1,278	
Diploma	176	163	173	196		200	
B.A	762	880	880	897		982	
M.A	36	58	58	113		94	
Ph.D		3		1		2	
<i>(DHE)</i>							
Agriculture	69	459	514	531		678	590
B.Agr.Sc		416	461	493		613	582
M.Agr.Sc	63	33	35	18		54	6
Ph.D	3	5	3	7		10	1
Post Grad Dip.Agr.Sc	3	5	2	1			1
Grad.Dip.Agr.Sc(Rice)			13	11			
M.phill				1		1	
<i>(DOP)</i>							
Health	4,526	6,428	7,137	8,038	221	8,226	8,231
Medical Science	886	2,418	2,833	3,223	115	3,136	2,805
M.B.B.S	281	1,627	1,894	2,058		1,898	1,460
Post Graduate Diploma	173	249	329	220	11	123	171
M.Med.Sc (Master)	353	466	532	813	87	947	937
Dr.Med.Sc	61	61	65	96	13	151	191
Ph.D	18	15	13	36	4	17	46
Dental Science	202	252	311	292	5	349	286
B.D.S	191	229	251	241		283	243
M. D. Sc	8	20	51	44	4	53	36
Dr.D.Sc	3	3	9	7	1	13	7
Pharmacy	193	229	230	194		207	268
B. Pharm	183	222	216	174		187	238
M. Pharm	10	7	14	12		15	25
Ph.D				8		5	5
Medical Technology	203	228	239	266		271	308
B.Med.Tech	197	213	231	240		245	285
M.Med.Tech	6	15	8	26		26	23
Nursing Science	1,753	1,815	1,964	2,263		2,705	2,851
Nursing Diploma	1,288	1,258	1,402	1,521		1,841	1,658
B.N.Sc	451	547	539	681		800	1,116
M.N.Sc	14	10	23	61		61	77
Ph.D						3	

Specialization	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Community Health	211	204	229	282	101	134	213
Health Assistant	80	75	120	128	101		121
B.Comm.H	131	129	109	151		131	92
M.Comm.H				3		3	
No. of Basic Health Staff	1,078	1,282	1,331	1,518		1,424	1,500
Midwife	947	1,145	1,173	1,377		1,275	1,351
Lady Health Visitor	131	137	158	141		149	149
(DHRH)							
Traditional Medicine^a	3,423	3,535	3,638	3,743	3,743	3,829	3,912
Dip.T.Med ^b	2,187	2,187	2,187	2,187	2,187	2,187	2,187
B.M.T.M	1,220	1,323	1,414	1,505	1,505	1,583	1,648
M.M.T.M	16	25	37	51	51	59	77
(DTM)							
UTCC, Global MBA Program	89	87	97	143			
Master of Business Administration	89	87	97	143			
(UMFCCI)							

Note a All data were carried over

b Institute of Traditional Medicine was suspended in 2008

Table 12. Number of Persons Completing Skills Training Courses in TAV Institutions
(Indicator No.28)

Institution	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Skill Training in Technical Agricultural and Vocational Institutions by Skill Level							
AGTI		808	2,356	3,117	526	3,181	139
(DET,DTVET)							
GTHS	648	743	2,181	2,190		2,890	2,928
(DTVET)							
SAI	1,500	813	1,429	1,671		1,977	2,320
(DOP)							
Central Forestry and Development Training Center(CFDTC)	174	164	856	917	310	671	427
Myanmar Forest School (Pyin Oo Lwin)	94	78	94	94		57	56
(FD)							
Workshop Skill Training Course (WST)			87	151		76	13
(MMMC)							
Lacquerware Technology College	84	138	319	122		102	
Saunders' Weaving and Vocational Institute and	273	284	396	387		419	72
(13) Weaving and Vocational Schools							
Vocational Training (Short Term)	2,072	5,526	6,729	8,240		10,363	5,018
(SSID)							
Commercial Schools	113	194	189	216	85	273	37
Cooperative University and Colleges	4,596	5,196	5,061	5,364		5,676	
Cooperative Training Schools	210	282	342	408	229	372	210
(DOC)							
Industrial Training Center – ITCs ^a	956	939	960	897	354	959	951
Mobile Vocational Training Unit	810	520	1,028	1,389	489	1,554	589
Competency Based Modular Short Courses (3 months)	75	254	29	170	54	708	106
(DIC)							

Note: a ITCs – Industrial Training Center (Sinde, Mandalay, Thagaya, Pakokku, Magway, Myingyan)

Institution	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Photoshop CS6 Training			3	1		2	
5 S Management & Industrial Safety Training				3		2	
Basic Electrician Training	109	191	190	188	185	211	100
Basic Electrician Mobile Training	191	230	90	495	122	667	222
Electrician Advanced Training			69	73		82	
Boiler Operator Training	160	168	173	181	90	161	104
Capacity Building Training	39	42	33	33	23	14	31
Market Expansion Training		1	3			5	1
Finance Management Training	7	7	1		9	9	4
Entrepreneurship Training	1	9	6	6		1	2
Technology Transfer Training	4	9	23	11	13	18	1
(DISI)							
Bricklaying & Masonry		393	344	374	98	285	141
Barbending		94	50	63	45	124	43
Road Construction				54	9		
Concrete Shuttering				37		18	51
Plumbing Training			104	53		15	35
Surveying Training Course		79	74	119	49	169	14
Carpenter Training Course		234	134	124	6	162	19
Building Estimating Course		16	90	60	15	44	38
Basic Building Technology Training		20	10			10	46
Cement Technology Operator Course		20		14			
Furniture and Cabinet Making Training		18	5			8	8
Acquisition Painting Training							86
Basic Electronic Course		83	107	310	45	224	43
Basic Computer Training		1,042	1,583	1,577	1,153	2,348	1,100
Computer Hardware Maintenance Course		14	29				
Programmable Logic Controller Training Course			28			40	38
Programming and Applied Software			34	25		80	
Networking Course		15	28			96	43
Transformer and Electronic Circuit Training						44	55
Mobile Phone Service Training			15	79	85	31	7
Electrical Wiring		808	876	1,224	550	1,944	892
Electrical Appliances Services Training		353	365	274	156	167	144
Solar Installation Training		42	108	22			
Rewinding of Motor and Generator Course			36		25	20	9
Motor Control Course		17		41	53	94	95
Diesel Engine Maintenance Training		127	274	245	136	277	145

Institution	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Petrol Engine Maintenance Training		16	37	83	5	15	10
Basic Engine Maintenance Training(Diesel, Petrol)		66	41		20	16	77
Single Cylinder Engine Maintenance Training		157	32	157	34	137	121
Motorcycle Services and Maintenance Training		215	370	474	199	492	274
Agricultural Machinery Services and Maintenance Training		398	156	165	136	67	19
Automotive Service Technology Training		38		30	15	23	
Driving Training		8				18	
CNC Machine Training						84	26
Air-Con Service Training				140	16	57	17
Refrigerator Service Training		29				23	
Lathe & Drilling Training		37	31	8		4	
Welding Training		196	330	649	252	687	355
Basic AutoCAD Training		138	142	231	108	245	179
Pneumatic, Electro Pneumatic and Hydraulic Training							18
Plants Tissue Culture					26	22	
Basic Incubation of Microbes						64	
Hair and Make-up Training				88	47	45	24
Make-up Training				60		77	81
Hair Cutting Training				69	50	26	
Sewing Training		189	273	1,279	641	1,624	843
Language Training		496	665	1,659	750	1,099	236
Households Products Making Course (Liquid Soap, Hair Cream, Shampoo)					20	71	244
Mushroom Cultivation Training				26			
Fish Hatchery Course			11				
Good Agriculture Practice			8				
Hotel Servicing				74	79	125	105
Sale Clerk Training Course							17
Front Office Operation			105	103	41		
Housekeeping			58	192	61		
Food and Beverage Production Training			95	113	55	17	96
Pomelo Wine and Jam Making Training Course							30
Baking & Confectionery						37	18
Food Service and Culinary Course						34	19
Beverage Course						38	19
Front Office Operations(FOO)		37	42	76	40	78	39
Housekeeping Operations(HSO)		32	35	79	39	74	40
Restaurant Operations(RSO)		32	35	75	40	75	40
Retail Operations(RTO)		34	40	79	40	74	39
Electronics (Computer & Networking) (ECN)		34	38	78	39	79	40
Electrical Appliances and Special Installations(EAS)		35	39	80	38	80	40
Residential Air-Conditioning(RAC)		38	39	80	39	77	40
Building Fixtures and Equipment(BFE)		33	38	78	38	80	39
General Welding(GWG)		37	38	74	38	78	39
Mechatronics (Basic Servicing)(McE)		30	37	80	38	80	39
Certificate in Industrial Technologies						150	46
Advanced Certificate in Industrial Automation						66	44
Certificate in Renewable Energy							10
Advanced Certificate in Water and Wastewater Management						5	4
Advanced Certificate in CNC Production Technology						10	14

Institution	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Certificate in Woodworking Technology						9	13
Advanced Certificate in CNC Woodworking							3
Capacity Building Training for Staffs					34	215	
First Aids Training						51	
Cottage Industry Training						9	88
Certificate in Woodworking						9	
<i>(DTVET)</i>							
Training Schools for Development of Nationalities Youth from Border Areas							
Number of Schools	33	39	44	44	45	45	45
Number of Students	3,477	5,432	6,305	6,719	7,067	6,634	5,787
Technical Schools for National Youths in Border Areas							
Number of Schools	6	8	9	9	9	9	9
Number of Students	327	366	835	979	420	534	200
Construction Training						92	20
Electrical Training						106	45
Welding Training						115	40
Motor Car Mechanic Training						178	80
Mobile Phone Repairing Training						43	15
Mobile Technical Training Team	250	130	83	77	32	42	
Vocational Training Schools of Domestic Science for Women							
Number of Schools	37	39	43	43	45	46	46
Number of Students	5,953	6,049	6,965	5,400	3,187	6,159	2,060
Advanced vocational Dress Making Training						1,670	1,869
Basic Vocational Training						4,105	
Course for Knitting Training						10	5
Basic Weaving Hand-loom						7	3
Traditional Hand Weaving Course						67	33
Front Office Operation Course						100	50
Housekeeping Operation Course						100	50
Food and Beverage Service						100	50
Mobile Vocational Training Team	1,508	1,009	385	360	223	100	
Motor Sewing Machine Course	882	564	599	442	140	200	213
Motor Sewing Machine Course-NSSA Level-1						600	568
Primary Assistant Teachership Certificate Course (PATC)	198	105					
<i>(DET)</i>							
State High School of Fine Arts (Yangon and Mandalay)	57	52	48	56		233	58
Dramatic Arts	37	34	35	39		153	45
Painting	17	15	11	13		66	11
Sculpture	3	3	2	4		14	2
<i>(FAD)</i>							
Central Institute of Civil Service (Upper and Lower Myanmar)	20,286	22,348	11,354	7,059	2,672	19,396	9,418
Management Course for Executive Level Officials	33	28	30	107	45	38	
Senior Level Officials Management Course	36	81	111	207	86	143	157
Mid-Level Official Management Course, Advanced Diploma in Civil Service Management ^a					191	266	128
Mid-Level Official Management Course	467	506	581	322			
Basic Course for Civil Service Officers	1,294	1,191	1,170	926	335	963	634

Note: a Mid-Level Official Management Course, Advanced Diploma in Civil Service Management is inaugurated at 12-3-2018

Institution	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Basic Pre-Service Course for Civil Service Officers, Post graduate Diploma in Civil Service Management ^a			119	645	408	411	183
Basic Pre-Service Course for Civil Service Officers	464	620	305				
Basic Pre-Service Special Course for Civil Service Officers	1,158		1,895	1,158		1,517	
Basic Course for Junior Civil Service Officers	2,075	2,025	1,998	1,989	720	9,285	3,541
Enhance Course for Office Supervisors	178	150	255	156	153	191	140
Basic Course for Clerical Staff	1,419	1,349	1,659	1,549	734	6,582	4,635
Special Refresher Course for Faculty of Universities and Colleges ^b	919	1,178					
Special Refresher Course for Basic Education Teachers ^c	11,993	14,970	2,981				
Special Refresher Course for Police Officer of Myanmar Police Force ^c	250	250	250				
<i>(CSSTD)</i>							
Opened Training Courses	3,845	3,711	3,485	6,797	1,459	6,136	5,604
Deputy Director's Refresher Course							62
Assistant Director's Refresher Course	172					76	
Staff Officer Refresher Course	196					366	
Senior Auditor In-house Training Course	173	75	108	97		112	123
Assistant Senior Auditor In-house Training Course	211	120	230	223	112	100	346
Internal Assistant Senior Auditor Proficiency In-house Training Course							65
Basic Accounting and Office Work Proficiency Training Course	372	280	384	1,025	563	490	690
Intermediate Accounting and Office Work Proficiency Training Course	210	117	139	360	291	265	
Advanced Accounting and Office Work Proficiency Training Course	124	76	103	123	119	95	
Diploma in Accountancy Course (Part I)	1,116	1,284	1,245	438		672	672
Diploma in Accountancy Course (Part II)	388	240	439	194	374	212	403
Certificated Public Accountant Course (Part I)	817	1,064	710	3,923		3,270	2,741
Certificated Public Accountant Course (Part II)	66	209	127	414		478	502
Basic Internal Audit Proficiency Inhouse Training Course		142					
Advanced Internal Audit Proficiency Inhouse Training Course		104					
<i>(DATR)</i>							
Basic Mechanical Training Course for Welding Course, Machine Course, Electric Course and Fitting Course in Railways Technical Training Centre (Ywataung)	51	51	51	51	51	51	51
Track Maintenance Machineries Operation & Maintenance Training		5		18	20	39	
Rail Gang Car (RGC) Operation and Maintenance Training		23	57	17		26	
Management Improvement for Myanmar Railways	98	26	147	23	20	119	62
<i>(MR)</i>							

- Note:
- a Basic Pre-Service Course for Civil Service Officers, Postgraduate Diploma in Civil Service Management is inaugurated at 2-1-2017
 - b Special Refresher Course for Faculty of Universities and Colleges has not been opened since the budget year 2016-2017
 - c Special Refresher Course for Basic Education Teachers and Special Refresher Course for Police Officer of Myanmar Police Force has not been opened since the budget year 2017-2018

Institution	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Computerized Payroll Program			10				
Training for new appointment accountant			30				
Road Safety and Transport Training Group			40				
Total Number of Driving licenses ^a	3,665,384 ^b	4,694,441	5,170,350	5,290,773		5,538,000	5,574,940
List of Road safety Training ^c						346,627	100,415
(RTAD)							
Skills Training Center for Workers and Jobseeker		549	925	981		1,312	881
Electrical Installation Training			97	128			223
Assessment Center Manager Training						34	35
Assessor Methodology Online Training							136
Hotel Hospitality Pre-service Preparation Training							31
Air-Conditioning Installation and Repairing Training		160	96	135		212	82
Reskills & Upskills Training for Electrical and Air-Conditioning Installation							30
Motor Cycle Repairing Training							20
Advanced Sewing Machine Training							28
Sewing Machine Training							100
Sewing Machine Repairing Training							11
Garment Supervisory Training		88		91			96
Clothing Inspection Training							14
Pattern Cutting Training							8
Training of Garment Trainer							5
Test Item Data Based Training				55			50
News Writing Training							12
Basic Welding Training(PTTEP)		121	75	48			
Machinist Training		22					
Assessor Training		134	282	163		144	
Basic Welding Training(Budget)			20			110	
Inspector & Assessment Center Manager Training				47			
Inspector Training						111	
Facilitator Training						15	
Test Item User Training						19	
Brick Layer Training						34	
Welding Instructor Course			13				
Instructor Course			12			42	
Competency Standard Developer Course				55		55	
Basic Electrical Installation Course		24	54			380	
Instructional Technic Course				55			
Construction Sector Training (Carpenter, Brick layer, Formwork)			276	204		106	
Refresher Course for Labour Officer						50	
(DOL)							
UMFCCI Training Institute	957	1,493	1,169	1,707		2,231	451
Office Management	182	294	173	207		134	20
Business English (Beginner Level)	137	177	78	132		146	42
Business English (Intermediate Level)			106	128		137	31
International Trade	84	129	90	114		139	70
Basic Sales & Marketing Management	117	162	107	149		195	53

Note: a Calculation based on calendar year

b 14/15 refers to "Calendar Year of 2015 (January to December of 2015)"

c Road Safety Educative Training Courses were held at Road Transport Administration Department Offices

Institution	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Higher Sales & Marketing Management	35	134	76	99		45	
Logistics & Supply Chain (Basic Level)	73	189	81	96		189	66
Logistics & Supply Chain (Advanced Level)						94	
Human Resource Management (Basic Level)	182	272	205	232		238	37
Human Resource Management(Advanced Level)						54	
Financial Management (Basic Level)	80	136	97	153		172	39
Financial Management (Advanced Level)						39	
Business Management			83	223		262	46
Business Consulting Service Provider				94		88	25
Strategic Management (Advanced Level)				40		131	
Customer Service Management						89	
Business English (Intermediate Level)				40			
Japanese Language	67						
Operational Research for Management Decision Making			48				
English for Communication Practice			25				
General Management						45	22
Leadership & Organizational Management						34	
(UMFCCI)							
Center for Tourism Development		5,223	5,501	3,829		3,173	4,565
Tour Guide (Refresher) Training			50	36			
Basic Tour Guide Training		242	334	191		273	170
Regional Tour Guide Training		581	511	782		659	191
Local Guide Training							101
Hotel Service Training		4,164	4,149	2,564		1,566	284
F & B Service Training						32	14
ICT (In Company Trainer)						31	
Training Methodology						31	
Hospitality Supervision & Leadership Training							41
Front Office						36	18
Housekeeping						35	12
Hotel Operation Management						36	
Lodging Operation						33	
SM-1 (Supervisory Management)						41	31
HACCP(Hazard Analysis Critical Control Point)						62	
Assistant Cook						40	
Certificate I in Hospitality						117	24
Certificate II in Hospitality Operation						48	
Certificate I in Travel & Tourism						19	
Certificate II in Travel & Tourism						5	
Passenger Fares and Ticketing							12
Planning & Operation(Banquets & Special Events)							10
Colourful Pasta							5
Fantastic Pizz							9
Certificate III in Travel & Tourism						3	
Responsible Tourism Principle & Practices							4
International Travel & Tourism Destinations							7
Responsible Tourism Online Training							15
Digital Marketing Online Training							81
Supervisory Skill Online Training							292

Institution	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Work Place Health and Safety Training							87
.Food Safety Hygiene Training							72
English & Basic Computer Training		135	246	40			30
Thai Language Training		50					
English Language Training			54				
Spanish Language Training			57	57			
Chinese Language Training				52		49	269
Japanese Language Training				90		32	100
Korea Language Training				17		25	36
Hotel Accounting Training		51	100				
Tourism Capacity Building for Tourism Related Grassroots Personnel							1,480
Hospitality Capacity Upgrading for Tourism Industry Personnel							1,120
ASEAN Standard Tour Guide Upgrading Course for National Tour Guide							14
Training for Destination Management Organization							36
(DOHT)							
Elderly Care Assistant Training							
Number of Trainings						1	1
Number of Trainees							85
(DHRH)							

Table 13. Percentage of Female Students by Education Level
(Indicator No.31)

Education Level	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Primary School Level	49.21	49.02	49.00	49.01		48.83	48.89
Middle School Level	50.33	50.57	51.00	50.89		51.24	51.22
High School Level	53.85	54.00	55.00	55.38		55.60	55.19
Professional Institutions	73.06		70.42			43.44	44.44
Arts & Science	63.34		83.00			63.74	65.78
Associate of Government Technical Institute		39.48	36.64	34.98		35.36	
State Agricultural Institute	48.00	39.00	45.00	42.00		45.00	45.00
Government Technical High School	29.63	35.53	27.92	21.78		21.87	19.84

V. Labour Statistics

Information on Labour Statistics is usually obtained from two sources: Labour Force Survey and Population and Housing Census. Department of Population conducted Population and Housing Census, in 2014, so the data for 2014 were provided as 2014-Census results. In 2015, Department of Labour conducted Labour Force, Child Labour and School-to-Work Transition Survey with technical and financial assistance of the ILO. That's why data for 2015 were provided by the result of 2015 Labour Force, Child Labour and School to Work Transition Survey. At Present, the Department of Labour conducts Annual Labour Force Survey twice a year and Annual Labour Force Survey (Annual Report) that was figured out based on the data collected by the First Semi-Annual Survey and the Second Semi-Annual Survey and in this handbook data are described of these annual surveys. In the future, Department of Labour has planned to conduct once every 3 years or 5 years a comprehensive Labour Force Survey like a 2015 Labour Force, Child Labour and School-to-Work Transition Survey. Therefore, the Department of Labour will regularly describe the information on the labour force.

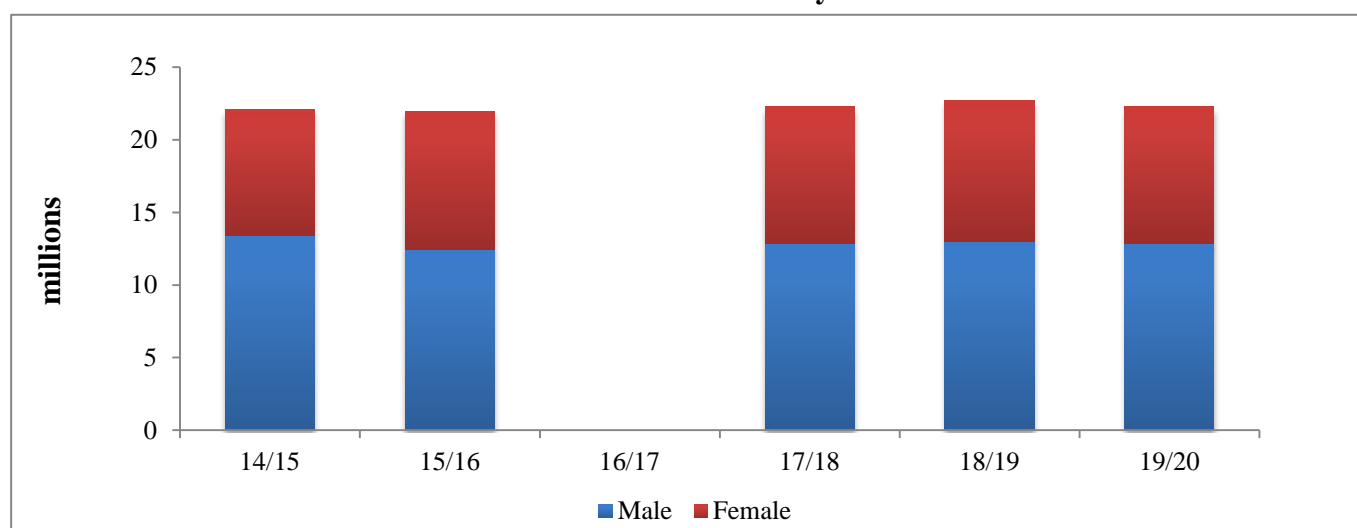
Table 14. Labour Force, Labour Force Participation Rate and Unemployment Rate
(Indicator No. 33, 34 & 35)

Indicator		14/15 ^a	15/16 ^b	16/17 ^c	17/18 ^d	Mini Budget	18/19 ^e	19/20 ^f
Labour Force (million)	Total	22.11	21.95		22.28		22.74	22.28
	Male	13.40	12.47		12.84		12.99	12.88
	Female	8.71	9.48		9.44		9.75	9.40
Employment (million)	Total	21.23	21.79		21.94		22.55	22.18
	Male	12.88	12.39		12.69		12.90	12.83
	Female	8.35	9.40		9.25		9.65	9.35
Unemployment (million)	Total	0.87	0.16		0.34		0.19	0.10
	Male	0.52	0.08		0.15		0.09	0.05
	Female	0.35	0.08		0.19		0.10	0.05
Labour Force Participation Rate (%)	Total	67.0	64.7		61.2		61.5	59.4
	Male	85.2	80.2		77.3		77.0	75.4
	Female	50.5	51.6		47.7		48.5	46.1
Unemployment Rate (%)	Total	4.0	0.8		1.6		0.9	0.5
	Male	3.9	0.7		1.2		0.7	0.4
	Female	4.1	0.9		2.0		1.0	0.6
Composite Rate of Labour Underutilization - LU (%)	Total		6.9		7.2		6.0	3.3
	Male		6.0		6.7		5.5	3.1
	Female		8.1		8.0		6.5	3.7

Source: a 2014 Population and Housing Census (Based on Conventional and Institutional Population Age 15-64 years)
b 2015 Labour Force, Child Labour and School-to-Work Transition Survey, DOL (Based on only Conventional Household Age 15+ Population)
d 2017 Annual Labour Force Survey Report
e 2018 Annual Labour Force Survey Report
f 2019 Annual Labour Force Survey Report

Note: Figures refer to calendar year
c Data for 2016-2017 are not available due to the Labour Force Survey was not conducted in 2016.

Chart IV. Labour Force by Sex



The structural characteristics of labour force, the employed population by occupation and industry groups as observed in the **2019 Annual Labour Force Survey** are presented in Table 15 and Table 16.

Table 15. Percentage of Employed Population by Industry Group
(Indicator No.37)

Sr.	Industry	Percent (%)
1.	Agriculture, forestry & fishing	48.9
2.	Mining and quarrying	0.6
3.	Manufacturing	10.4
4.	Electricity, gas, steam etc.	0.1
5.	Water supply and other	0.1
6.	Construction	5.6
7.	Wholesale and retail trade	18.2
8.	Transportation and storage	5.5
9.	Accommodation and food service	1.8
10.	Information and communications	0.3
11.	Financial and insurance activities	0.7
12.	Real estate activities	1.1
13.	Professional and technical activities	0.3
14.	Administrative	-
15.	Public administration and defence	0.6
16.	Education	2.4
17.	Human health and social work activities	0.3
18.	Arts, entertainment and recreation	0.1
19.	Other service activities	2.9
20.	Activities of households as employers	0.1 ^a
21.	Activities of extraterritorial	0.0 ^a
Total		100.0

Source: 2019 Annual Labour Force Survey Report

Note: a Denotes high relative standard error from too few observations (<50 cases)

“-” No Sample

Based on only Conventional Household 15+ Working Aged Population

Chart V. Percentage of Employed Person by eight most Economic Sectors

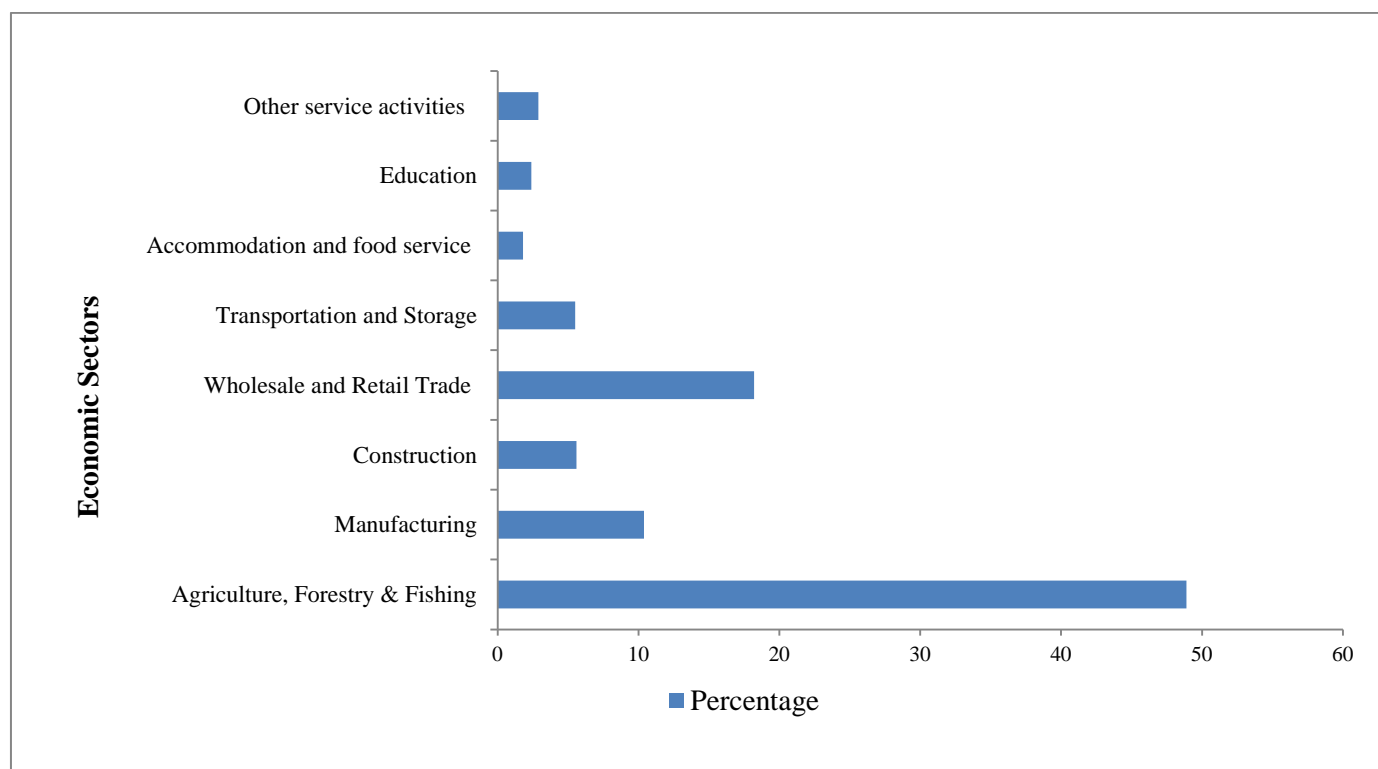


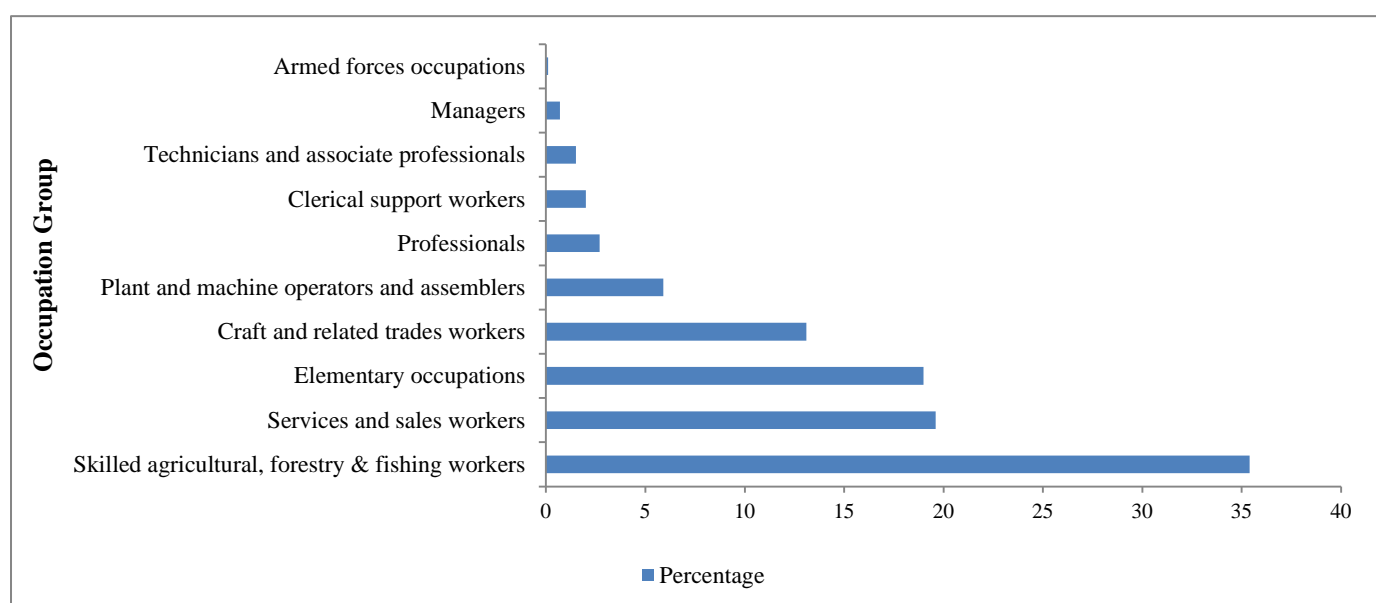
Table 16. Percentage of Employed Population by Occupation Group
(Indicator No.37)

Sr.	Occupation	Percent (%)
1.	Managers	0.7
2.	Professionals	2.7
3.	Technicians and associate professionals	1.5
4.	Clerical support workers	2.0
5.	Services and sales workers	19.6
6.	Skilled agricultural, forestry & fishing workers	35.4
7.	Craft and related trades workers	13.1
8.	Plant and machine operators and assemblers	5.9
9.	Elementary occupations	19.0
10.	Armed forces occupations	0.1 ^a
Total		100.0

Source: 2019 Annual Labour Force Survey Report

Note: a Denotes high relative standard error from too few observations (<50 cases)

Chart VI. Percentage of Employed Population by Occupation Group



VI. Economic Indicators

Statistics on the performance of the economy are provided by Planning Department (PD) under The Ministry of Planning and Finance. The statistics for recent years are termed either as 'provisional' or 'provisional actual'. However, the changes or the differences are minimal. The Consumer Price Index (CPI) is calculated and disseminated through its publication called the **Selected Monthly Economic Indicators** by Central Statistical Organization (CSO). GDP in constant producers prices (real GDP), per capita GDP and other economic statistics together with CPI are presented in Table 17. Table 18 gives total government expenditure (current and capital combined) by sectors.

Table17. Indicators on Economic Performance
(Indicator No.41, 42, 44 & 46)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
(a) Nominal GDP at Current prices K. million	65,261,890.2 ^a	74,215,745.8 ^b	82,700,023.6 ^b	92,788,955.1 ^b		105,258,500.8 ^b	112,773,996.6 ^b
(b) Real GDP at prices K. million	52,785,050.8 ^a	74,215,745.8 ^b	78,483,199.0 ^b	83,510,030.1 ^b		89,147,341.4 ^b	91,976,676.9 ^b
Growth Rate (%)	8.0 ^a	7.0 ^b	5.8 ^b	6.4 ^b		6.8 ^b	3.2 ^b
(a) Real GDP per Capita at prices (Kyats)	1,015,273 ^a	1,408,696 ^b	1,476,580 ^b	1,557,297 ^b		1,647,795 ^b	1,685,203 ^b
(b) Nominal GDP per Capita (Kyats)	1,255,254 ^a	1,408,696 ^b	1,555,916 ^b	1,730,330 ^b		1,945,593 ^b	2,066,253 ^b
(a) Investment (K. million)	20,700,859.5	24,104,054.1	26,480,352.0	28,865,177.5		31,497,347.1	33,291,583.8
(b) Exports (K. million)	12,496,536.9	13,896,988	18,061,339	22,728,024		25,987,622	
Exports (US\$ million) ^c	12,523.7 ^a	11,281.5 ^b	13,432.2 ^b	16,446.7 ^b		17,060.4 ^b	17,681.1 ^b
(c) Imports (K. million)	16,596,537.2	19,826,248	25,365,504	26,876,548		27,664,396	
Imports (US\$ million) ^c	16,632.6 ^a	16,096.0 ^b	18,864.3 ^b	19,447.4 ^b		18,086.6 ^b	19,050.9 ^b
Consumer Price Index (2012 =100) ^d							
Union	110.99	122.09	130.33	135.59	142.37	152.41	161.14

Note: a Fiscal year April to March (At 2010-2011 Constant Price)
b Data are in line with the new fiscal year October to September (At 2015-2016 Constant Price)
c The data received from CSO and Ministry of Commerce for US \$ million
Source: d Household Income and Expenditure Survey, 2012

Chart VII. GDP Performance (Value in current)

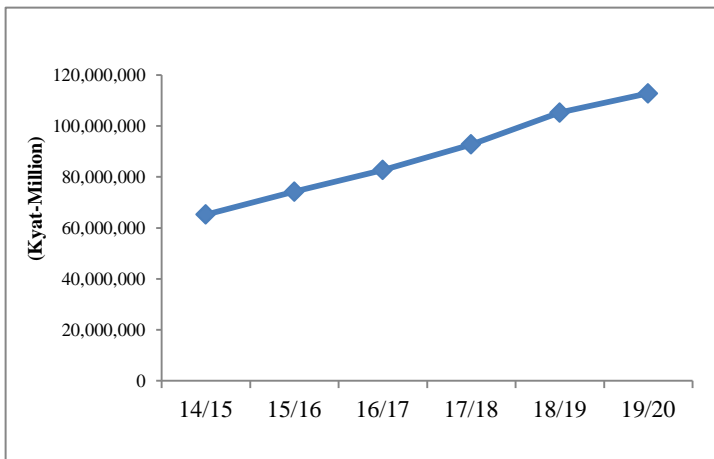


Chart VIII. GDP Growth Rate

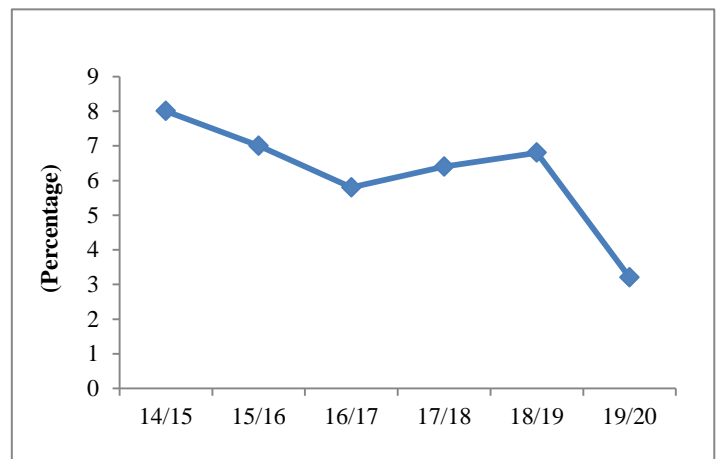


Table 18. Public Expenditure by Sector
(Indicator No. 45)

(Kyat Million)

Sr.	Sector	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
1.	Agriculture	562,764.022	607,458.368	513,054.318	382,050.852	190,144.187	521,004.735	549,402.936
2.	Livestock & Fishery	45,251.398	43,876.893	41,082.114	30,987.718	17,130.990	60,934.338	59,073.483
3.	Forestry	20,777.853	25,048.143	197,636.940	259,699.054	115,826.696	247,928.828	67,906.115
4.	Energy	1,478,057.639	1,312,875.279	1,342,468.099	1,339,596.131	703,195.982	1,514,368.703	3,459,382.997

Sr.	Sector	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
5.	Mining	176,020.797	151,371.584	105,573.055	136,498.919	70,155.941	119,497.184	170,909.060
6.	Processing & Manufacturing	1,647,151.050	1,630,469.854	695,030.797	557,642.245	243,125.966	576,032.350	504,194.785
7.	Electric Power	2,070,681.371	2,691,003.306	2,926,280.343	3,378,386.846	1,791,269.647	4,349,691.080	7,080,790.729
8.	Construction	1,564,681.877	1,458,897.133	1,384,698.543	1,339,916.462	531,374.843	1,732,049.564	2,470,906.959
9.	Transportation	423,581.312	503,630.279	705,907.389	775,698.144	389,151.644	1,296,768.152	1,515,913.448
10.	Communication	428,148.318	410,879.603	347,732.628	222,613.864	208,808.668	355,687.155	527,612.258
11.	Trade	609,135.805	549,398.675	406,522.511	244,193.234	146,681.487	280,798.170	208,822.150
12.	Social	2,080,626.983	2,479,437.937	2,511,808.674	2,723,991.219	1,314,482.120	3,646,073.453	4,516,427.201
	<i>Education</i>	1,184,697.632	1,533,432.628	1,593,256.104	1,651,802.399	802,244.643	2,175,380.625	2,800,199.920
	<i>Health</i>	676,254.397	790,147.842	771,035.125	867,906.334	414,375.563	1,151,985.063	1,286,181.053
	<i>Others</i>	219,674.954	155,857.467	147,517.445	204,282.486	97,861.914	318,707.765	430,046.228
13.	Financial Institutions	652,087.837	793,188.388	838,676.425	1,099,997.434	490,961.353	1,159,719.263	1,463,741.020
14.	Administrative Organizations	8,053,616.396	8,652,936.053	8,644,642.074	9,524,508.612	5,046,620.668	10,835,739.177	13,254,739.539
Total		19,812,582.658	21,310,471.495	20,661,113.910	22,015,780.734	11,258,930.192	26,696,292.152	35,849,822.680

Note: 2014-2015 to 2017-2018 Fiscal Year is April to March and 2018-2019 to 2019-2020 Fiscal Year is October to September. Including States & Regions

VII. Food Availability and Land Use

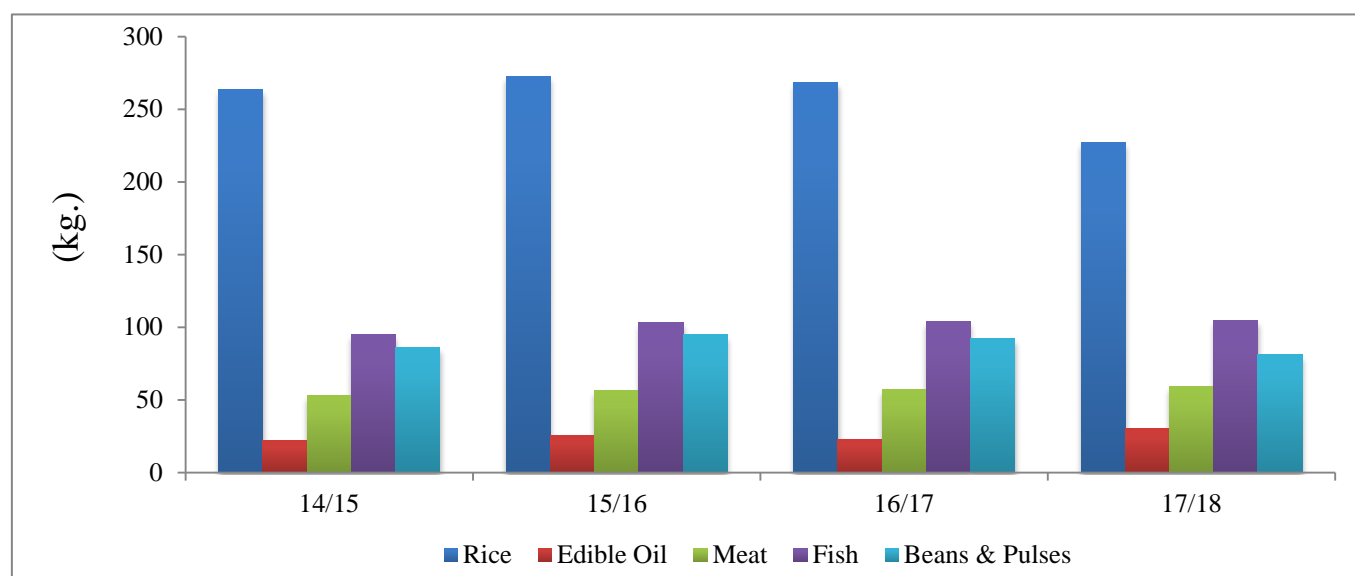
Production, import and export of various commodities are obtained from the Planning Department under The Ministry of Planning and Finance. The availability of food items for domestic consumption is obtained by adjusting the production figures with the figures of import and export for these items. Planning Department, Forest Department and Department of Agricultural Land Management and Statistics collect and publish information on land use: land under cultivation, reserved forests and other forests.

Table 19. Food Production and Land Use
(Indicator No. 43, 47 & 48)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Food Availability per Head (kg.)							
Rice	263.73	272.50	268.20 ^a	227.08 ^b			
Edible Oil	22.15	25.56	22.86 ^a	30.09 ^b			
Meat	53.10	56.59	57.29 ^a	59.27 ^b			
Fish	94.78	103.41	104.03 ^a	104.89 ^b			
Beans & Pulses	86.21	94.60	92.20 ^a	81.15 ^b			
Gross Sown Area ('000 acres)	52,805	52,689	51,547	50,526		49,139	48,527
Cultivated land per head (acre) ^c	0.5660	0.5654	0.5622	0.5580		0.5509	0.5446
Land Use/Land Cover ('000 Acres)							
Net Sown Area	29,616	29,673	29,746	29,792		29,674	29,593
Fallow Land	1,094	1,111	1,165	1,149		1,214	1,241
Cultivable Waste Land	13,013	12,964	12,945	13,695		14,243	16,488
Forest Cover ^d	73,112	71,761	71,761	71,761		71,761	70,533
Other Wooded Land ^d	39,751	37,263	37,263	37,263		37,263	46,347
Reserved Forest and Protected Public Forest (RF and PPF)	41,449	41,338	41,516	42,095		42,554	42,716
Protected Area System(PAS)	9,614	9,607	9,681	9,682		9,783	10,169

Note: a These figures are provisional actual data
b End of March figures
c The value of indicator is reproduced on the basis of net sown area in year by year (Year Wide) and the following years
Department of Agricultural Land Management and Statistics
d Forest Cover is based on Forest Resource Assessment 2020 (FRA 2020) and Forest Cover is announced by FAO every five year.

Chart IX. Food availability per head



VIII. Other Indicators

The indicators related to transformation, communication and information are listed in table 20, the other indicators related to mass media are shown in table 21 and the social welfare establishment are shown in table 22.

Table 20. Transportation, Communication and Information Indicators
(Indicator No. 49, 51, 52, 53, 54 & 55)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Number of Motorcars (per 1,000 population)	12.40 ^a	14.50	16.28	18.83		20.50	20.50
Number of Two-wheelers (per 1,000 population)	80.00 ^a	85.90	95.58	106.11		112.20	116.60
Number of Motor Vehicles (Total) (per 1,000 population)	94.40 ^a	102.70	114.30	127.96		136.00	140.40
Railway Traffic Passenger Miles(million) (MR)	2,122.743	1,946.980	1,965.896	1,997.659	897.407	1,904.888	1,062.249
Road and Bridge Traffic							
Road (Mile/Furlong)	4,917/3	3,805/3	2,224/7	1,881/3	1,107/3	3,283/6	5,211/5
Bridge (Feet)	90,710	85,286	115,848	1,378 ^b	602 ^b	2,075 ^b	3,510 ^b
(DRRD)							
Construction of Rural Farm Road							
Mile/Furlong					75/0	266/7	614/5
Construction of Rural Farm Bridge							
Number					40	220	875
Feet					253	2,341	7,717
(DRD)							
Bridge Traffic			149	124	36	112	96
Below of 180 ft Bridge			112	89	23	77	38
180 ft and Above of 180 ft Bridge			37	35	13	35	58
(DOB)							
Road Traffic							
Road(Mile/Furlong)	25,211/7	25,733/0	26,001/8	26,311/5		26,208/0	26,323/6
(DOH)							

Note: a 14/15 refers to "Calendar Year of 2015 (January to December of 2015)"
b No. of Bridge is describes since the fiscal year 2017-2018

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Railway Traffic Cargo-Ton Miles (million)	504.758	475.620	437.167	421.198	255.447	457.634	491.076
Railway Track Miles	4,933.15	4,933.86	4,939.54	4,939.54		4,939.54	4,939.55
Railway Route Miles	3,795.33	3,795.33	3,797.92	3,797.92		3,797.92	3,797.92
Telecommunication							
Number of Telephone Subscribers	20,374,159	37,809,541	54,783,425	56,624,067		74,010,081	82,647,000
Number of Fixed Subscribers	526,041	523,722	516,831	557,078		350,322	520,000
Number of Mobile Subscribers	19,848,118	37,285,819	54,266,594	56,066,989		73,659,759	82,127,000
Number of Mobile Internet Subscribers (Operators) ^a	4,060,631	14,129,218	37,779,963	37,826,838		65,242,182	79,805,000
Number of Internet Subscribers			19,247,259	19,435,325		65,840,137	80,290,000
Telephone per 1,000 Inhabitants (Operators)	395.720	734.362	1,064.04	1,099.79		1,361	1,514
Postal Services							
Average area covered by per post office(square kilometer)	489	491	490	490		487	486
Average number of total inhabitants served by per postal employee	12,627	10,736	10,459	10,720		11,841	12,601
Average number of letter item sent by per person as per year	0.03	0.04	0.03	0.03		0.03	0.02
Total number of post offices	1,384	1,378	1,381	1,382		1,389	1,391
Full fledge	781	778	782	783		834	844
Branch offices	211	210	208	208		169	161
Village agency	392	390	391	391		386	386
Total number of staffs	4,072	4,789	5,153	4,803		4,348	4,065
Total number of post office boxes	444	450	365	365		345	345
Total number of street letter boxes	1,666	1,632	1,330	1,330		1,165	1,165
Financial transactions post offices	781	778	782	783		834	844
Express Mail Service (Cities)	155	174	202	299		310	332
Express Money Order Service (Cities)	337	356	406	418		413	413
Daily Newspapers							
No. in Circulation(^000)	341	328	345	332	315	262	188
Myanmar	326	313	329	316	299	248	177
English	15	15	16	16	16	14	11

Note: a These figures of 2014 till 2018 are only from three telecom operators (excluding Mytel)

Chart X. Transportation and Communication Indicators

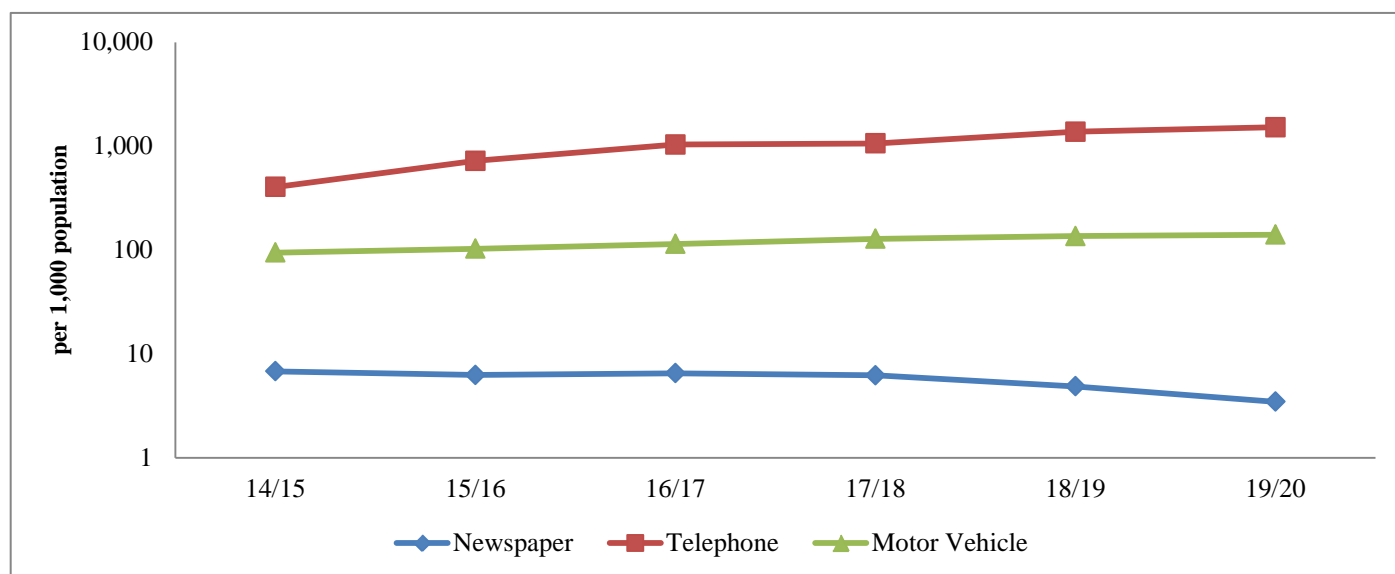


Table 21. Mass Media
(Indicator No. 56)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Public^a							
Other Mass Media							
District Public Libraries	72	72	74	74		74	79
Township Public Libraries	258	258	256	256		256	251
Sub-Township Public Libraries	84	84	87	87		87	88
Readers('000)	1,162	4,145	4,714	3,670		3,324	2,683
Private^a							
Registration Free Library	5,471	5,471	5,471	5,471		5,471	5,471
Self-Reliance Libraries	55,755	55,755	55,755	55,755		55,755	55,755
Implementing Opened Rural Libraries with Five Standards	5,655	6,006	6,106	6,106		6,106	6,106
Cinema	67	88	90	185			
Digital Cinema				122	46	151	206
Film Cinema				13	4	6	9
Video-Parlors	4,750	3,521	3,602	3,229	522	2,572	1,759
Karaoke Lounge	2,076	1,558	1,570	3,783	1,203	3,190	2,679
Video-Shooting House	296	277	230	769	206	692	456
Learning Centre(Graduates)							
Private Film Training School				158		233	225
Transmit TV & FM & DVB- T2							
TV Retransmitting Station	252	253	254	254	255	258	258
Analogue TV Transmitting	251	251	251	251	251	251	251
Digital DVB- T2 Transmitting	95	145	147	151	151	151	153
Radio FM Transmitting	60	83	83	84	84	84	85
J.V FM Radio (Station)	61	71	78	81	81	83	86
J.V FM Radio(Company)	6	6	6	6	6	6	7
Radio Transmitter Station	3	3	3	3	3	3	3
Community FM Radio(Khayae FM Radio)				1	1	1	1

Note: a These figures refer to calendar year

Chart XI. Mass Media (Public)

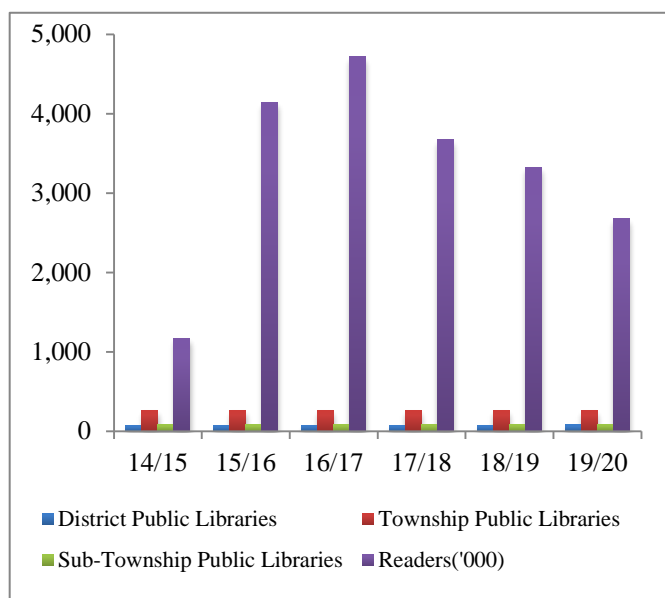
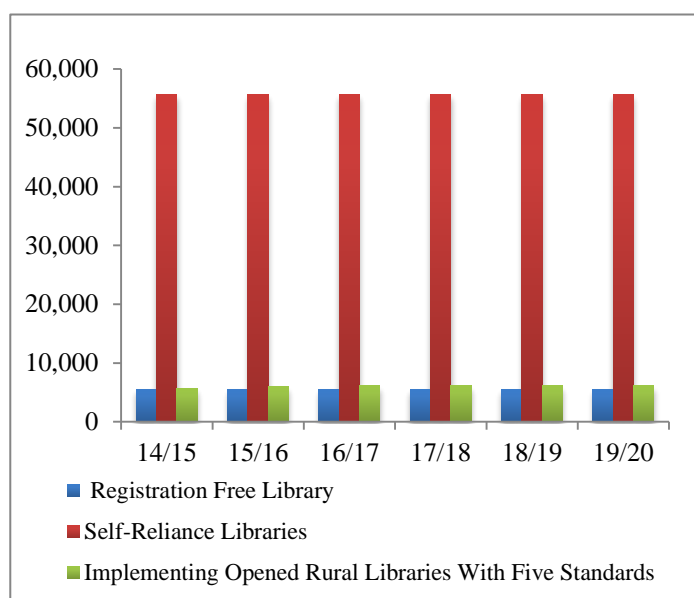


Chart XII. Mass Media(Private)



Social Welfare Establishments

Social Protection Programs have been prioritized and implemented step by step for most vulnerable groups to protect and prevent from socio-economic risks and shocks as well as to promote their well-being.

Residential Nursery, Pre-primary School, Early Childhood Care and Development Resource Center, Training School for Boys, Training School for Girls, Center for Women Care and Development, Vocational Training School for Women, Women's Development Center, School for the Persons with Visual Disabilities, School for the Persons with Hearing Disabilities, Vocational Training School for Adult Persons with Disabilities, School for the Children with Disabilities, School of Home Science, Disabled Care Center, Day Care Center for the Aged, Social Welfare Training School and One Stop Women Support Center shown in the table are run by the Department of Social Welfare.

Voluntary Pre-primary school, Voluntary Youth Development Center, Voluntary Training School for Women, Voluntary Training School for the Persons with Visual Disabilities, Voluntary School for the Persons with Hearing Disabilities and Voluntary School for the Children with Disabilities shown in the table are established by local NGOs. The Department of Social Welfare provides the registered and recognized NGOs with financial assistance and technical assistance every year.

Homes for the Aged are established by religious and voluntary social organizations. Registered Homes for the Aged are given financial assistance by the Department of Social Welfare.

"One Stop Women Support Center" has been opened in Yangon, Mandalay, Lashio and Mawlamyaing to provide safe spaces and necessary services for victims of sexual and domestic violence from all over the country. The centers offer medical check-ups, shelter for mothers and children, legal advice on their rights and support in the event of a prosecution. In terms of support programme, the Ministry of Social Welfare, Relief and Resettlement provided cash assistance for attending legal and court hearing as well as for rehabilitation and livelihood support to women/girls.

Table 22. Social Welfare Establishments
(Indicator No. 57)

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
57.	Social Welfare Establishments							
	Residential Nursery (GOs)							
	(1) Number of Nurseries	6	7	7	7	7	7	8
	(2) Number of Children	208	201	259	279	364	355	374
	Pre-Primary School (GOs)							
	(1) Number of Schools	75	94	99	104	123	129	142
	(2) Number of Children	11,860	13,509	14,511	15,144	16,871	18,076	19,069
	Early Childhood Care and Development Resource Center (GOs)							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Trainees	105	582	959	1,081	586	586	9,254
	Community based Mother Circles							
	(1) Number of Mother Circles					437	647	1,200
	(2) Number of Children					8,770	13,145	24,205
	Training School for Boys (GOs)							
	(1) Number of Schools	7	7	7	7	7	7	8
	(2) Number of Boys	1,001	985	1,168	1,361	1,415	1,947	2,228
	Training School for Girls (GOs)							
	(1) Number of Schools	3	3	3	3	3	3	3
	(2) Number of Girls	371	296	228	213	270	267	274
	Women Development Center(GOs)							
	(1) Number of Centers	2	2	2	2	2	2	2
	(2) Number of Women	163	142	141	150	162	157	179
	Vocational Training Schools for Women (GOs)							
	(1) Number of Schools	4	4	4	4	4	4	4
	(2) Number of Women	184	183	219	286	308	331	210

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Center for Women Care and Development (GOs)							
	(1) Number of Centers	2	2	2	2	2	2	2
	(2) Number of Women	30	19	4		2	3	4
	Day Care Center for the Aged(GOs)							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Elderly	70	70	70	70	70	70	70
	Care Giver Training for Elderly People							
	(1) Number of Trainings		2	2	2		3	1
	(2) Number of Trainees		48	67	37		85	38
	School for the Persons with Visual Disabilities (GOs)							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	232	222	230	226	243	255	300
	School for the Persons with Hearing Disabilities (GOs)							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	218	284	319	322	329	358	300
	Vocational Training School for Adult Persons with Disabilities(GOs)							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Students	146	134	47	50	59	80	100
	School for the Children with Disabilities (GOs)							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Children	324	296	356	353	340	343	350
	Disabled Care Center (GOs)							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Children	68	77	78	93	99	107	100
	School for Home Science(GOs)							
	(1) Number of Schools	7	10	10	10	10	11	11
	(2) Number of Trainees	14,167	16,224	18,174	10,574	4,160	7,046	2,963
	Social Welfare Training School(GOs)							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	1,345	930	411	409	483	619	542
	Social Protection Services							
	(1) Number of Program					2	2	2
	(2) Social of Pension					43,439	188,740	230,249
	(3) Maternal Child Cash Transfer Program					93,213	205,431	372,228
	Voluntary Youth Development Center(NGOs)							
	(1) Number of Centers	228	228	226	229	223	231	231
	(2) Number of Youth	16,713	16,588	18,395	20,180	19,756	21,933	21,855

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Vocational Training School for Women (NGOs)							
	(1) Number of Schools	11	11	11	12	12	13	13
	(2) Number of Students	609	708	669	824	871	1,084	1,213
	Home for the Aged (NGOs)							
	(1) Number of Homes (Registered)	73	78	79	80	80	82	83
	(2) Number of the Elderly	2,438	2,606	2,715	2,828	2,862	2,993	3,033
	Voluntary Schools for the Persons with Visual Disabilities (NGOs)							
	(1) Number of Schools	7	7	6	6	6	6	6
	(2) Number of Trainees	499	633	433	370	475	497	510
	Voluntary Schools for the Persons with Hearing Disabilities (NGOs)							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	156	233	234	182	203	221	247
	Voluntary Schools for the Children with Disabilities (NGOs)							
	(1) Number of Schools	4	2	5	5	5	5	5
	(2) Number of Trainees	236	261	540	533	563	554	589
	Voluntary Pre-primary School(NGOs)							
	(1) Number of Schools	900	921	975	978	1,024	1,024	2,328
	(2) Number of Children	33,338	34,849	35,732	35,174	35,315	34,938	95,570
	One Stop Women Support Center-OSWSC							
	(1) Number of Centers					4	4	6
	(2) Number of Survivors					171	145	121
	Rehabilitation Center for Ex-Drug Addicts (GOs)							
	(1) Number of Centers	12	12	12	12	12	11	14
	(2) Number of Trainees	308	299	310	566	122	558	420
	Temporary Shelter for Victims of Trafficking (GOs)							
	(1) Number of Shelters	4	4	4	4	4	4	5
	(2) Number of Victims	132	150	240	144	204	462	579
	Information Center for Trafficking in Persons^a (Yangon)							
	(1) Number of Centers						1	2
	(2) Number of Persons						314	311

Note: a In order to share the information about the trafficking to provide the psycho-social support, repatriate and transfer to their home and seek the job opportunities by connected with other relevant departments and social organizations, Information Center for trafficked persons has opened at Yangon.

Myanmar Maternal and Child Welfare Association

The Myanmar Maternal and Child Welfare Association is a Voluntary Organization and it was founded on April 30, 1991. The mission is to serve Myanmar society by improving the health and well-being of mothers and children and in turn aiming to improve the quality of the people.

MMCWA carries out four main activities, namely health, education, economic and social activities down to the wards and villages throughout the country. To implement these activities, MMCWA has a net working with the related ministries such as Ministry of Health, Ministry of Education, Ministry of Social Welfare, Relief and Resettlement and other NGOs, INGOs and UN agencies. Regarding health activities, a variety of community-based health activities have been carried out through community participation and social mobilization in collaboration with health departments. To reduce MMR and IMR, MMCWA has established Maternity Homes throughout the country to provide reproductive health services, especially safe motherhood programme. Moreover, Maternity Waiting Homes have also been established to provide a shelter for risk pregnancies from remote areas. MMCWA has also established Community Nutrition Centers for nutrition promotion and growth monitoring programme for under five children.

In co-operating with the Ministry of Social Welfare, Relief and Resettlement, MMCWA has established pre-primary schools and day-care centres throughout the country since 1997. To accomplish the Goal towards "Education for all", MMCWA has conducted 3 Rs reading circles and also supported to the libraries and Community Learning Centers.

As for economic activities, aiming to promote family income, vocational training courses on sewing, knitting, cooking, bakery and other Income Generations Programme (IGP) trainings are provided.

Table 23. Establishments under Myanmar Maternal and Child Welfare Association
(Indicator No. 58)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Establishments under Myanmar Maternal and Child Welfare Association^a							
Total number of Maternity Home	134	132	130	130		129	129
Total number of Maternity Waiting Homes	11	11	11	11		12	11
Number of Community Nutrition Center	786	669	455	442		444	358
Preschools	681	785	526	498		467	424
Day Care Centers	21	21	21	21		28	21
Number of Children	26,982	26,668	18,700	18,507		16,877	16,021
Number of Person Attending Sewing Courses	53,934	47,096	36,151	17,154		21,649	15,638
Number of Person Attending Cooking Courses	76,978	76,326	55,321	29,004		38,950	21,334
Number of Person Attending other Skill Courses	55,593	35,484	20,408	12,594		19,247	18,840
Number of Person Implementing Agriculture and Veterinary Works	4,960	3,453	2,650	2,609		2,327	2,538
Number of Digging Wells	9,350	5,685	7,063	5,497		1,368	415
Chlorination and Repairing Existing Wells	86,759	107,090	55,599	53,735		30,527	29,016
Number of Newly Built Fly-proof Latrines as to the time of report duration	34,576	27,929	14,863	9,328		5,401	4,316

Source: a Reports of 25th, 26th, 27th, 28th, 29th & 30th Annual meetings. Figures refer to calendar year.

Table 24. Total Number of Villages with Social Services
(Indicator No. 59)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Total Number of Villages (GAD)	63,860	63,843	63,833	63,300		63,218	63,219
Number of Villages with School	37,220	40,459	41,143	43,943		42,113	
Percentage of Villages with School (DERPT)	58.28	63.36	64.43	69.00		66.62	
Number of Villages with RHC or Sub-RHC	10,336	11,021	11,021	10,231		10,477	10,549
Percentage of Villages with RHC or Sub-RHC (DOPH)	16.18	17.26	17.26	16.02		18.00	17.00
Number of Electrified Villages (Off Grid)	1,987	2,275	2,718	1,719		3,314	1,431
Number of Households of Energy Consumption by Rural Areas (DRD)	182,087	133,378	142,968	94,888		134,783	71,907
Number of Co-operative Society Members of Co-operative Society (in million) (DOC)	34,202 3.33	40,388 3.97	40,388 4.97	40,613 4.25	40,584 4.25	40,178 4.23	39,622 4.22
Total Number of Electrified Villages	27,711	30,869	31,781	32,475	33,602	34,532	37,247
Number of Electrified Villages(On Grid)	6,626	8,872	10,792	11,614	13,210	14,881	19,137
Number of Electrified Villages (Off Grid)	21,085	21,997	20,989	20,861	20,392	19,651	18,110
Percentage of Electrified Villages	43.39	48.35	49.78	50.96	52.73	54.58	58.88
Unit Consumed (in millions)	11,406.76	13,550.81	15,482.09	17,251.91	9,573.47	19,478.05	20,044.35
No. of Consumer (in thousands) (DEPP)	3,257.57	3,698.22	4,111.15	4,337.69	4,617.81	5,140.06	6,162.00

Table 25. Crime Rate
(Indicator No. 60)

Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
Crime Rate (per 100,000 population)^a	271.30	272.26	451.26	543.17	276.89	759.08	547.68
Serious Crime	4.59	4.46	5.37	6.28	3.39	6.07	5.69
Other Crime	105.54	107.25	118.35	139.67	72.56	136.65	118.14
Preventative Crime	161.17	160.55	327.54	397.22	200.94	616.36	423.85
Transnational Crime							
Narcotic Crime	6,414	8,800	8,814	9,525	5,189	13,041	14,511
Trafficking in Persons	124	130	131	203	95	234	142
Population and Police Ratio	1:1,219	1:1,106	1:1,090	1:1,136	1:1,163	1:1,155	1:1,167

Note: a Figures refer to calendar year. Information on age, type of crime, region, etc. are not included

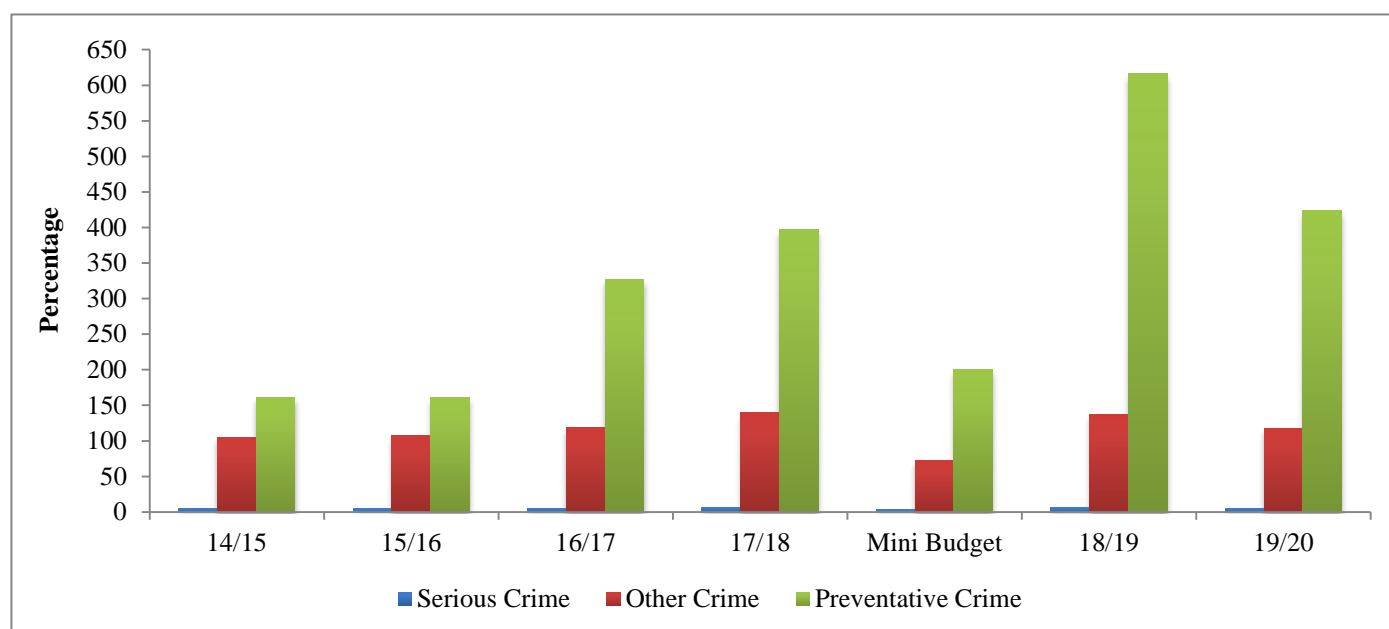
Chart XIII. Crime Rate (per 100,000 populations)

Table 26. Single Leading Causes of Morbidity for Union (Percentage)
(Indicator No. 61)

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
61.	Single Leading Causes of Morbidity for Union (Percentage)	100.0	100.0	100.0	100.0		100.0	
	Single spontaneous delivery ^a	6.6	7.0	7.4	8.1		7.9	
	Diarrhoea and gastroenteritis of presumed infectious origin	5.6	6.0	5.2	4.9		4.3	
	Viral infection of unspecified site	4.0	5.2	4.9	5.5		4.4	
	Single delivery by caesarean section	4.9	4.7	4.8	5.2		5.5	
	Other and unspecified injuries of head	4.2	3.8	3.6	3.3		3.0	
	Gastritis and duodenitis	2.8	2.9	3.0	3.0		2.9	
	Acute upper respiratory infections of multiple and unspecified sites	1.9	1.6	2.3	1.9		1.7	
	Pneumonia, organism unspecified	1.8	1.4	1.8	1.2		1.4	
	Unspecified abortion	1.8	1.7	1.6	1.6		1.5	
	Mental and behavioral disorders due to use of alcohol	1.4	1.5	1.6	1.5		1.4	
	Neonatal jaundice from other and unspecified causes	1.6	1.5	1.4	1.4			
	Essential (primary) hypertension	1.2	1.3	1.3	1.4		1.5	
	Other cataract	1.9	1.8	1.3			1.4	
	Injury of unspecified body region		1.1	1.3	1.2			
	Respiratory tuberculosis, not confirmed Bacteriologically or Histologically	1.3		1.1				
	Dengue hemorrhagic fever	1.5	3.4		2.2		1.5	
	Single delivery by forces and vacuum extractor				1.1			
	Unspecified acute lower respiratory infection						1.4	
	Acute appendicitis						1.1	
	All other causes	57.3	55.2	57.3	56.5		59.1	

Source: Health Information Section, DOPH

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

Table 27. Single Leading Causes of Mortality for Union (Percentage)
(Indicator No. 62)

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	
62.	Single Leading Causes of Mortality for Union (Percentage)	100.0	100.0	100.0	100.0		100.0	
	Other septicaemia	7.4	8.0	6.6	4.7		4.6	
	Disorders related to short gestation and low birth weight not elsewhere classified	5.0	5.1	5.4	6.0		6.0	
	Other and unspecified injuries of head	5.1	5.5	5.1	4.1		4.0	
	Heart failure	3.0	3.4	3.5	2.9		2.6	
	Intracranial injury	2.3	2.7	3.4	3.9		3.9	
	Stroke, not specified as hemorrhage or infarction	2.7	2.8	3.3	3.0		2.3	
	HIV	3.1	2.6	3.0	2.2			
	Birth asphyxia	2.9	3.0	2.8	3.1		2.9	
	Intracerebral hemorrhage	2.2	1.9	2.6	2.2		2.1	
	Respiratory tuberculosis, not confirmed bacteriologically or histologically	3.1	2.7	2.3	2.2		2.1	
	Fibrosis and cirrhosis of liver	2.3	2.2	2.1	2.7			
	Pneumonia, organism unspecified	1.9		1.7	2.1		2.2	
	Essential (primary) hypertension		1.5	1.7	2.5		2.4	
	Bacterial sepsis of newborn	1.9	1.5	1.6				
	Alcoholic liver disease			1.6	1.8		2.1	
	Hepatic failure		1.5					
	Acute myocardial infarction	1.7					1.5	
	Other chronic obstructive pulmonary disease	1.4					1.5	
	Shock not elsewhere classified		1.8					
	Unspecified diabetes mellitus				1.9		1.8	
	Malignant neoplasm of liver and intrahepatic bile ducts		1.0					
	Pneumonitis due to solids and liquids		0.7					
	All other causes	53.8	53.8	53.3	54.7		57.9	

Source: Health Information Section, DOPH

HUMAN RESOURCES DEVELOPMENT INDICATORS

The first HRDI handbook was published in 1997. The current handbook happens to be the twenty-first consecutive publication. New indicators are added to the original set of core indicators. Additional indicators for the public and the private sectors will be included in due course. Comments and suggestions are invited by the Department of Labour from users on this publication. Suggestions will be incorporated into the future issues.

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
1.	Total Population (Million) <i>(DOP)</i>	Total Male Female	51.99 25.07 26.92	52.45 25.26 27.19	52.92 25.45 27.47	53.39 25.65 27.74	53.86^a 25.85 ^a 28.01 ^a	54.34^b 26.05 ^b 28.29 ^b
2.	Dependency Ratio <i>(DOP)</i>	Total Old-age DR(65 ⁺) Young DR(0-14) Total Old-age DR(60 ⁺) Young DR(0-14)	53.2 9.0 44.2 60.7 14.3 46.4	52.4 8.8 43.6 60.4 14.5 45.9	52.0 9.0 43.0 60.1 14.8 45.3	51.6 9.2 42.4 59.9 15.2 44.7	51.2^a 9.4 ^a 41.8 ^a 59.6^a 15.5 ^a 44.1 ^a	50.6^c 9.7 ^c 40.9 ^c 59.4^c 16.1 ^c 43.3 ^c
3.	Crude Birth Rate-CBR ^d (per1,000 population) Crude Birth Rate-CBR ^f (per1,000 population) <i>(CSO, DOP)</i>	Union Rural Urban Union Rural Urban	20.6^e 22.2 ^e 16.8 ^e 20.4 21.9 16.8	20.4^e 21.9 ^e 16.8 ^e 20.2 21.6 16.9	20.2^e 21.5 ^e 16.9 ^e 20.0 21.3 16.9	19.9^e 21.2 ^e 16.9 ^e 19.8 21.0 16.9	19.7^e 20.9 ^e 16.9 ^e 19.5^a 20.6 ^a 17.0 ^a	19.5(p) 20.6(p) 17.0(p) 16.6^c 15.0 ^c 17.2 ^c
4.	Crude Death Rate-CDR ^d (per1,000 population) Crude Death Rate-CDR ^f (per1,000 population) <i>(CSO, DOP)</i>	Union Rural Urban Union Rural Urban	9.5^e 9.4 ^e 9.7 ^e 9.3 9.3 9.6	9.3^e 9.2 ^e 9.5 ^e 9.1 9.0 9.3	9.1^e 9.0 ^e 9.3 ^e 8.9 8.8 9.2	8.9^e 8.8 ^e 9.1 ^e 8.8 8.7 9.0	8.7^e 8.6 ^e 9.0 ^e 8.6^a 8.5 ^a 8.8 ^a	8.6(p) 8.5(p) 8.8(p) 7.8^c 9.3 ^c 7.2 ^c
5.	Total Fertility Rate-TFR ^d Total Fertility Rate-TFR ^f <i>(CSO, DOP)</i>	Union Rural Urban Union Rural Urban	2.5^e 2.8 ^e 1.9 ^e 2.5 2.8 1.9	2.5^e 2.8 ^e 1.9 ^e 2.5 2.8 1.9	2.5^e 2.7 ^e 1.9 ^e 2.5 2.7 1.9	2.4^e 2.7 ^e 1.9 ^e 2.4 2.7 1.9	2.4^e 2.7 ^e 1.9 ^e 2.4^a 2.7 ^a 1.9 ^a	2.0^c 1.7 ^c 2.2 ^c
6.	Under 5 Mortality Rate ^d (U5MR) (per 1,000 live birth) Under 5 Mortality Rate ^f (U5MR) (per 1,000 live birth) <i>(CSO, DOP)</i>	Union Rural Urban Union Rural Urban	66.5^e 73.3 ^e 44.8 ^e 71.8 78.8 46.3	65.3^e 72.1 ^e 43.8 ^e 71.8 78.8 46.3	64.0^e 70.9 ^e 42.8 ^e 71.8 78.8 46.3	62.6^e 69.5 ^e 41.9 ^e 71.8 78.8 46.3	60.2^e 66.8 ^e 41.0 ^e 71.8 78.8 46.3	58.4(p) 64.7(p) 39.9(p) 37.7^c 42.1 ^c 26.3 ^c

Source: a Thematic report on population projections for the Union of Myanmar, States/Regions, Rural and Urban areas, 2014-2050 (DOP)

b Projected population as of 1st October (Census Report volume 4-F) (DOP)

c 2019 Inter-censal Survey (DOP)

f The 2014 Myanmar Population and Housing Census (DOP)

Note: d These figures represent calendar year. Civil Registration and Vital Statistics (CRVS) System (CSO)

e Calculating based on population projections, 2014-2050, Census Report Volume 4-F (DOP)

p = provisional data

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
7.	Maternal Mortality Ratio ^a (MMR) (per 100,000 live birth) Union Rural Urban Maternal Mortality Ratio ^c (MMR) (per 100,000 live birth) (CSO, DOP) Union Rural Urban	209^b 281.6 309.7 192.5	236^b 309.7 309.7 192.5	203^b 309.7 309.7 192.5	202^b 309.7 309.7 192.5		208^b 309.7 309.7 192.5	
8.	Life Expectancy at Birth (years) ^a Male-Union Rural Urban Female-Union Rural Urban Life Expectancy at Birth (years) ^c Male-Union Rural Urban Female- Union Rural Urban (CSO, DOP)	59.3^b 59.7 ^b 58.7 ^b 68.7^b 68.2 ^b 70.5 ^b 60.2 60.7 59.7 69.3 68.8 71.0	59.7^b 60.2 ^b 59.2 ^b 69.3^b 68.8 ^b 70.9 ^b 60.6 61.1 60.1 69.7 69.2 71.3	60.3^b 60.8 ^b 60.0 ^b 69.8^b 69.3 ^b 71.4 ^b 61.0 61.5 60.5 70.1 69.6 71.7	60.8^b 61.2 ^b 60.5 ^b 70.2^b 69.7 ^b 71.8 ^b 61.4 61.9 60.9 70.5 70.0 72.0		61.3^b 61.7 ^b 60.9 ^b 70.9^b 70.4 ^b 72.4 ^b 61.8^d 62.3 ^d 61.3 ^d 70.9^d 70.4 ^d 72.4 ^d	61.8(p) 62.1(p) 61.4(p) 71.4(p) 70.9(p) 72.8(p) 66.5^e 73.3^e
9.	Percentage of Severe and Moderately Malnourished Children Under 5 Moderately Underweight (%) (DOPH) Severe Underweight (%)	2.55 ^f 0.15 ^f	1.62 ^f 0.12 ^f	15.2 ^g 3.7 ^g	15.2 ^g 3.7 ^g		15.7 ^h 3.4 ^h	
10.	Contraceptive Prevalence Rate among Union eligible couples ⁱ (Mordern Method)(%) (DOPH)	50.4	55.3	61.3	67.2		69.3	71.1
11.	Percentage Coverage of Pentavalent Vaccine (3 rd Dose) ⁱ (DOPH)	85.3	87.5	87.3	90.2		92.1	90.9
12.	No of Physician ^j Number of Physician per 10,000 populations (DOMS)	9,775 1.88	7,701 1.47	8,531 1.61	9,449 1.77		11,112 2.06	10,803 1.90
13.	No of Nurse ^j Number of Nurse per 10,000 populations (DOMS)	16,604 3.19	17,919 3.42	18,817 3.56	19,984 3.74		21,508 4.00	23,464 4.30
14.	No of Hospital Bed ^j Number of Hospital Bed per 10,000 populations (DOMS)	47,454 9.13	54,703 10.43	54,844 10.36	55,022 10.31		55,378 10.28	55,768 10.10

- Note: a These figures represent calendar year. Civil Registration and Vital Statistics (CRVS) System (CSO)
b Calculating based on population projections, 2014-2050, Census Report Volume 4-F (DOP)
j Figure are based on by DOP calculated 2014 Population and Housing Census
Source: c The 2014 Myanmar Population and Housing Census (DOP)
d Thematic report on population projections for the Union of Myanmar, States/ Regions, Rural and Urban Areas, 2014-2050 (DOP)
e 2019 Inter-censal Survey (DOP)
f National Nutrition Centre (DOPH)
g Myanmar Demographic and Health Survey (MDHS) (2015-2016) (DOPH)
h Myanmar Micronutrient and Food Consumption Survey, MMFCS(2017-2018) (DOPH)
i Health Information Section (DOPH)
p= provisional data

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
15.	Number of Government Hospitals^a	1,029	1,123	1,124	1,134		1,151	1,168
	Specialist Hospitals	31	32	32	33		33	33
	General Hospitals with Specialist Services (200 beds & above)	47	50	51	51		51	51
	150 bedded hospitals	2	2	2	2		2	2
	100 bedded hospitals	42	41	40	40		40	40
	50 bedded hospitals	79	112	113	115		115	119
	25 bedded hospitals	182	151	150	149		150	148
	16 bedded hospitals	10	10	10	9		9	9
	Station Hospitals	636	725	726	735		751	766
	Private Hospitals	182	208	214	224		244	251
	Private Specialist Clinic (DOMS)	482	491	579	655		890	895
16.	Number of Villages per Rural Health Centers ^b	37.65	35.90	35.90	36		31	34
	Number of Villages per Rural Health Center or Sub Rural Health Centers ^b (DOPH)	6.29	5.79	5.79	8		5	6
17.	Traditional Medicine Hospitals (Public Sector)^c	17	22	22	32	36	42	44
	100 bedded hospitals	3	3	3	3	3	3	3
	50 bedded hospitals	6	9	9	9	9	9	9
	25 bedded hospitals		4	4	8	9	10	11
	16 bedded hospitals	8	6	6	12	15	20	21
	Dispensaries(Public Sector) (District & Township)	247	260	260	260	260	260	260
	Private Traditional Clinic (Estimated)		812	812	812	812	899	901
	Registered Traditional Medical Practitioners	6,966	7,113	7,200	7,200	7,384	7,437	7,488
	Traditional Medicine Practitioners Population ratio	1:7,463	1:7,374	1:7,421	1:7,421	1:6,973	1:6,923	1:6,876
	Registered Traditional Medicine Drugs	13,114	13,182	13,391	14,046	14,387	14,862	15,019
	Traditional Medicine Manufacturing Licenses (DTM)	2,769	2,878	2,889	3,099	3,175	3,359	3,423
18.	Percentage of RHC which are adequately supplied with Staff, Equipment and Essential Drugs ^b (DOPH)	100	100	100	100		100	100
19.	Proportion of population access to improve drinking water(%) ^b			81.3	83.9		84.9^d	86.1
	Union							
	Rural			83	82.1		83.5 ^d	83.7
	Urban			94.1	90.7		89.7 ^d	93.4
	Accessible to safe and convenient drinking water (DOPH,DRD)	3,940	3,455	3,634	1,269	989	1,803	4,074
20.	Proportion of population access to improve sanitary latrines(%) ^b			76.6	78.3		80.0^d	80.0
	Union							
	Rural			78.3	74.6		76.7 ^d	76.3
	Urban			92.3	90.9		90.6 ^d	92.4
	Proportion of households with improved sanitation facilities (DOPH, DOP)							
	Union	74.30^e						91.4^f
	Rural	67.30 ^e						
	Urban	92.30 ^e						
21.	Gross Enrollment Ratios by Level (DERPT)							
	Primary	105.75	109.32	108.87	117.40		110.56	
	Middle	67.30	69.79	72.10	74.96		78.29	
	High	92.30	46.84	47.37	56.59		59.84	

Note: a Facility Data: DOMS and other Ministries. Calculation based on appointed health workforce in public hospitals

c All Data were carried over

Source: b Health Information Section (DOPH)

d Myanmar Demographic and Health Survey(MDHS)(2015-2016) (DOPH)

e The 2014 Myanmar Population and Housing Census (DOP)

f 2019 Inter-censal Survey (DOP)

Sr.	Indicator		14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
22.	Net Enrollment Ratios by Level (<i>DERPT</i>)	Primary Middle High	94.48 54.34 27.98	95.10 56.17 29.42	96.92 60.86 34.84	96.99 63.68 45.84		97.00 71.45 46.21	
23.	Transition Rates by Levels ^a (<i>DERPT</i>)	P to M M to H	90.12 93.37	94.54 95.12	98.97 93.73	96.55 93.79		94.11 87.13	
24.	Retention Rates by Level ^a Completion Rates by Level ^a Gross Intake Rate Net Intake Rate (<i>DERPT</i>)	Primary Middle High Primary Middle High KG KG	68.17 78.52 86.19 63.90 66.13 29.30 111.80 98.28	71.01 78.56 80.99 66.81 70.76 22.91 111.50 98.96	96.39 79.83 83.29 67.12 77.35 22.39 120.60 96.43	69.64 80.78 81.14 68.82 79.83 20.72 110.34 69.59		73.55 84.33 83.79 76.42 87.59 19.24 93.46 79.00	
25.	Internal Efficiency of Primary Education Pupil -Teacher Ratio (<i>DERPT</i>)	Efficiency (%) ^b Graduates (%) ^c Primary Middle High	84.27 78.60 1:22 1:33 1:26	86.72 73.30 1:23 1:28 1:21	91.84 84.70 1:23 1:28 1:22	87.20 81.20 1:20 1:28 1:25		97.65 87.60 1:25 1:27 1:21	 1:24 1:27 1:21
26.	Enrollment in Basic Education								
	Pre-Primary('000)	Both Sexes	94.90	204	125	138		91	
		Male	46.50	106	65	72		45	
		Female	48.40	98	60	66		46	
	Primary ('000)	Both Sexes	5,103	5,079	5,139	5,038		4,991	4,885
		Male	2,602	2,599	2,640	2,587		2,560	2,506
		Female	2,501	2,480	2,499	2,451		2,431	2,379
	Middle('000)	Both Sexes	2,688	2,736	2,843	2,935		3,051	3,134
		Male	1,320	1,334	1,388	1,434		1,505	1,555
		Female	1,368	1,402	1,455	1,501		1,546	1,579
	High ('000)	Both Sexes	793	840	925	1,009		1,101	1,093
		Male	354	373	415	457		509	507
		Female	439	467	510	552		592	586
	Monastic Education								
	Primary('000)	Both Sexes	158	226	220	220		216	207
		Male	83	114	143	116		114	135
		Female	75	112	77	104		102	72
	Middle('000)	Both Sexes	131	77	83	83		88	92
		Male	69	39	51	45		46	54
		Female	62	38	32	38		42	38
	High('000)	Both Sexes	5	6	6	6		6	6
		Male	4	3	3	3		3	3
		Female	1	3	3	3		3	3
	Non-Formal Education								
	Primary	Both Sexes	11,514	10,944	9,079	8,461		8,946	7,533
		Male	6,519	6,261	4,517	4,990		5,162	4,315
		Female	4,995	4,683	4,562	3,471		3,784	3,218

Note: a Transition Rates, Retention Rates and Completion Rates are estimated
b Internal Efficiency Coefficient for Primary Education (percent)
c Number of primary level graduates from the cohort of 100 new KG intakes under prevailing student flow rates.

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Middle Both Sexes			223	191		179	260
	Male			133	111		105	166
	Female			90	80		74	94
	(DERPT, DPSS, DAE)							
27.	Buddhistic Studies	231	258	244	223		233	250
	Buddha Dhamma^a	107	123	116	98		114	131
	Diploma	49	42	66	48		51	64
	B.A	42	51	40	30		43	51
	M.A	16	28	10	12		14	14
	Ph. D		2		8		6	2
	Buddhism^b	124	135	128	125		119	119
	B.A	99	111	116	111		102	102
	M.A	23	18	11	14		16	16
	Ph.D	2	1	1			1	1
	D.Litt		5					
	(DPSS)							
	Engineering and Architecture^c	18,884	26,773	35,379	18,261		11,536	185
	B.Tech	9,642	17,482	14,274	139			
	B.E & B. Arch	8,664	9,018	20,715	16,775		11,073	185
	M.E & M. Arch	508	153	343	879		396	
	Ph. D	70	120	47	468		67	
	Engineering Science	236	226	307	276		267	230
	Diploma	138	87	202	161		203	164
	B.Sc	2	20	13	9		6	11
	B.Sc (Hons:)	89	113	92	106		58	55
	Ph. D	7	6					
	(MMU, DHE, DTVET, DET)							
	Myanmar Mercantile Marine College	156	133	124	126		106	132
	Dip.N.S	83	64	64	56		56	63
	Dip.Mar.Tech	73	69	60	70		50	69
	(MMMM)							
	Computer Science and Technology	986	2,205	2,709	2,769		2,436	
	Computer Science	821	1,956	2,251	2,115		2,017	
	Post Graduate Diploma	419	441	107			26	
	B.C.Sc		1,434	2,009	1,988		1,903	
	B.C.Sc (Hons:)	364						
	M.C.Sc	38	81	135			88	
	Ph.D				127			
	Information Science	61	11	10	206		34	
	M.I.Sc	1		2	16			
	Ph.D(IT)	60	11	8	190		34	
	Computer Applied Science				8			
	D.C.A							
	M.A.Sc				8			

Note: a Award from International Theravada Buddhist Missionary University
b Award from State Pariyatti Sasana University (Yangon and Mandalay)
c The same degree are awarded from concerned Universities, Colleges are combined as one

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Computer Technology	104	238	365	440		385	
	B.C. Tech		223	337	421		367	
	B.C. Tech (Hons:)	99						
	M.C.Tech	5	15	28	19		18	
	Ph.D							
	Applied Science			83				
	B.S(Bio-Tech)			54				
	M.S (Bio-Tech)			23				
	Ph.D (Bio-Tech)			6				
	Economics	3,422	4,419	2,787	499		7,319	
	B.A(Economics)	3,175	3,862	2,246			5,868	
	B.Dev.S(Development Studies)		64	56	44		30	
	BPA(Public Administration)		69	46	47		27	
	BPA(Hons:)		2	20	7		5	
	M.P.A	72	59	96	7		390	
	B.Econ(Economics)		194	124	107		361	
	B.Econ (Hons:)(Economics)	14		13	41		14	
	M.Econ(Economics)	19	5	8	12		50	
	B.Dev.S(Hons:)			9	6		220	
	M.Dev.S	58	54	55	82		136	
	Dip.DS	80	108	110	145		216	
	Ph.D	4	2	4	1		2	
	D.E.S							
	Statistics	6	281	202	339		664	
	B.Econ(Statistics)		118	141	161		463	
	B.Econ(Statistics) (Hons:)			13	1		18	
	M.Econ(Statistics)	6	3		8		35	
	BPS(Population Studies)		62	38	55		5	
	BPS(Hons:)			9	1		2	
	D.S						132 ^a	
	MPS(Master Population Studies)						6	
	Ph.D			1	1		3	
	Dip. RS		98		112			
	Commerce	419	1,150	1,115	3,344		2,595	
	B.Com		198	211	209		612	
	B.Act		92	89	87		78	
	B.Act(Hons:)			4	13		8	
	BBA		244	218	170		555	
	BBM		179	90	155		350	
	B.Com(Hons:)			6			22	
	M.Com	14	13	13	13		74	
	M.B.A	150	205	178	189		448	
	D.M.A	42	37	35	57		28	
	DAA				2,017			

Source: a These figures are provided by CSO and DHE

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	M.Act				4		22	
	BBA(Hons:)		13	20	13		23	
	D.Fac							
	DB				159		137	
	Ph.D	2	2	4	6		8	
	MBF				107		230	
	Dip. Marketing	211	167	247	145			
	PGDAA							
	(DHE)							
	Cooperative	1,443	1,872	1,491	1,489		1,873	1,654
	B.BSc ^a	1,031	1,091	946	1,095		1,448	1,156
	Dip.A.F		138					
	Dip.A.S		153	119	112		101	106
	Dip.B.M	86	1					
	Dip.B.Acct	266	98	174	79		109	133
	Dip.S.E.M		113	56	79		69	82
	Dip.R.D		139	98	61		68	89
	Dip.M.M	60	139	98	63		78	88
	(DOC)							
	Education^b	17,954	23,908	35,078	34,741	1,408	9,424	388
	Diploma ^c	4,700	5,129	6,139	7,506		597	
	B.Ed	2,396	3,655	5,046	1,596	1,372	1,348	302
	B.Ed(Bridges)	600	600	617				
	M.Ed	203	242	294	24	36	325	13
	D.T.Ed	4,335	5,107	11,882	12,998		7,141	73
	Ph.D	5	3	7			13	
	PPTT	5,715	9,172	11,093	12,617			
	(DHE, DET, DERPT)							
	Forestry	186	181	139	97	13	103	57
	B.Sc	177	170	126	86		76	42
	M.Sc(Local)	1	2	2	2	7	4	
	M.Sc(Overseas)	8	7	7	6	5	21	11
	Ph.D(Local)			1		1	1	
	Ph.D(Overseas)		2	3	3		1	4
	(FD)							
	Veterinary	272	65	227	329	1	309	3
	B.V.Sc ^d	229		195	221		226	
	B.A.Sc				93		65	
	Dip L.I.S	7						
	M.V.M(Local)		7	2				

- Note:
- a These figures include Regional Development, Accounting and Finance, Applied Statistics, Bachelor of Business Science, Business Management, Business Accounting, Marketing Management and Social Enterprise Management degrees by Yangon Cooperative University and Sagaing Cooperative University
 - b These figures include University for the Development of the National Races of the Union, Union Civil Service Board
 - c Diploma refers to PGDT, PGDMA and DTEC
 - d The academic year of veterinary is increased into 6 years. So, convocation was not held in 2015/ 2016

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	M.V.Sc(Local)	26	53	27	11		17	
	Ph.D(Local)	7	4	1	2		1	
	Ph.D(Overseas)	3	1	2	2	1		3
	(UVS)							
	Arts & Science^a	71,942	95,808	112,433	96,482	1,399	148,959	262
	Arts	45,947	59,291	72,665	65,833	554	101,916	94
	Diploma	2,205	1,337	1,894	1,224		1,302	
	B.A	42,220	54,429	68,943	62,250	554	97,735	94
	B.A(Hons:)	84	1,011	593	1,326		1,374	
	B.A(Q)	24						
	B.A(HC)				4			
	M.A	1,039	2,076	968	837		1,302	
	M.A(HC)				6			
	M.Res	103	60	135	91		9	
	Ph.D	185	159	132			120	
	PGDA(L.M)	87	69		95		74	
	DESP ^b		86					
	MESP ^b		64					
	(DHE,FAD,DET)							
	Science	25,995	36,517	39,768	30,649	845	47,043	168
	Diploma	318	1,421	229			197	
	B.Sc	22,880	30,714	35,070	24,558	845	39,561	168
	B.Sc(Hons:)	90	1,536	1,939	3,718		4,059	
	M.Sc	2,016	2,351	1,652	1,854		2,999	
	M.Res	474	277	667	404		46	
	Ph.D	217	218	211	115		181	
	(DHE,DET)							
	Foreign Languages	974	1,104	1,111	1,207		1,278	
	Diploma	176	163	173	196		200	
	B.A	762	880	880	897		982	
	M.A	36	58	58	113		94	
	Ph.D		3		1		2	
	(DHE)							
	Agriculture	69	459	514	531		678	590
	B.Agr.Sc		416	461	493		613	582
	M.Agr.Sc	63	33	35	18		54	6
	Ph.D	3	5	3	7		10	1
	Post Grad Dip Agr.Sc	3	5	2	1			1
	Grad.Dip.Agr.Sc(Rice)			13	11			
	M.phill				1		1	
	(DOP)							
	Health	4,526	6,428	7,137	8,038	221	8,226	8,231
	Medical Science	886	2,418	2,833	3,223	115	3,136	2,805
	M.B.B.S	281	1,627	1,894	2,058		1,898	1,460
	Post Graduate Diploma	173	249	329	220	11	123	171
	M.Med.Sc (Master)	353	466	532	813	87	947	937
	Dr.Med.Sc	61	61	65	96	13	151	191
	Ph.D	18	15	13	36	4	17	46

Note: a Arts and Science refers to arts disciplines such as history, geography, law etc. and to science disciplines such as zoology, botany, chemistry, mathematics, etc. These figures include University of Culture and Department of Education and Training

Source: b These figures only refer to Department of Technology, Promotion and Coordination

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Dental Science	202	252	311	292	5	349	286
	B.D.S	191	229	251	241		283	243
	M. D. Sc	8	20	51	44	4	53	36
	Dr.D.Sc	3	3	9	7	1	13	7
	Pharmacy	193	229	230	194		207	268
	B. Pharm	183	222	216	174		187	238
	M. Pharm	10	7	14	12		15	25
	Ph.D				8		5	5
	Medical Technology	203	228	239	266		271	308
	B.Med.Tech	197	213	231	240		245	285
	M.Med.Tech	6	15	8	26		26	23
	Nursing Science	1,753	1,815	1,964	2,263		2,705	2,851
	Nursing Diploma	1,288	1,258	1,402	1,521		1,841	1,658
	B.N.Sc	451	547	539	681		800	1,116
	M.N.Sc	14	10	23	61		61	77
	Ph.D						3	
	Community Health	211	204	229	282	101	134	213
	Health Assistant	80	75	120	128	101		121
	B.Comm.H	131	129	109	151		131	92
	M.Comm.H				3		3	
	No. of Basic Health Staff	1,078	1,282	1,331	1,518		1,424	1,500
	Midwife	947	1,145	1,173	1,377		1,275	1,351
	Lady Health Visitor	131	137	158	141		149	149
	(DHRH)							
	Traditional Medicine^a	3,423	3,535	3,638	3,743	3,743	3,829	3,912
	Dip.T.Med ^b	2,187	2,187	2,187	2,187	2,187	2,187	2,187
	B.M.T.M	1,220	1,323	1,414	1,505	1,505	1,583	1,648
	M.M.T.M	16	25	37	51	51	59	77
	(DTM)							
	UTCC, Global MBA Program	89	87	97	143			
	Master of Business Administration	89	87	97	143			
	(UMFCCI)							
28.	Skill Training in Technical Agricultural and Vocational Institutions by Skill Level							
	AGTI		808	2,356	3,117	526	3,181	139
	(DET,DTVET)							
	GTHS	648	743	2,181	2,190		2,890	2,928
	(DTVET)							
	SAI	1,500	813	1,429	1,671		1,977	2,320
	(DOP)							
	Central Forestry and Development Training Center(CFDTC)	174	164	856	917	310	671	427
	Myanmar Forest School (Pyin Oo Lwin)	94	78	94	94		57	56
	(FD)							
	Workshop Skill Training Course (WST)			87	151		76	13
	(MMMCC)							

Note: a All data were carried over
b Institute of Traditional Medicine was suspended in 2008

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Lacquerware Technology College	84	138	319	122		102	
	Saunders' Weaving and Vocational Institute and	273	284	396	387		419	72
	(13) Weaving and Vocational Schools							
	Vocational Training (Short Term)	2,072	5,526	6,729	8,240		10,363	5,018
	(SSID)							
	Commercial Schools	113	194	189	216	85	273	37
	Cooperative University and Colleges	4,596	5,196	5,061	5,364		5,676	
	Cooperative Training Schools	210	282	342	408	229	372	210
	(DOC)							
	Industrial Training Center – ITCs ^a	956	939	960	897	354	959	951
	Mobile Vocational Training Unit	810	520	1,028	1,389	489	1,554	589
	Competency Based Modular Short Courses (3)	75	254	29	170	54	708	106
	months							
	(DIC)							
	Photoshop CS6 Training			3	1		2	
	5 S Management & Industrial Safety Training				3		2	
	Basic Electrician Training	109	191	190	188	185	211	100
	Basic Electrician Mobile Training	191	230	90	495	122	667	222
	Electrician Advanced Training			69	73		82	
	Boiler Operator Training	160	168	173	181	90	161	104
	Capacity Building Training	39	42	33	33	23	14	31
	Market Expansion Training		1	3			5	1
	Finance Management Training	7	7	1		9	9	4
	Entrepreneurship Training	1	9	6	6		1	2
	Technology Transfer Training	4	9	23	11	13	18	1
	(DISI)							
	Bricklaying & Masonry		393	344	374	98	285	141
	Barbending		94	50	63	45	124	43
	Road Construction				54	9		
	Concrete Shuttering				37		18	51
	Plumbing Training			104	53		15	35
	Surveying Training Course		79	74	119	49	169	14
	Carpenter Training Course		234	134	124	6	162	19
	Building Estimating Course		16	90	60	15	44	38
	Basic Building Technology Training		20	10			10	46
	Cement Technology Operator Course		20		14			
	Furniture and Cabinet Making Training		18	5			8	8

Note: a ITCs - Industrial Training Center (Sinde, Mandalay, Thagaya, Pakokku, Magway, Myingyan)

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Acquisition Painting Training							86
	Basic Electronic Course		83	107	310	45	224	43
	Basic Computer Training		1,042	1,583	1,577	1,153	2,348	1,100
	Computer Hardware Maintenance Course		14	29				
	Programmable Logic Controller Training Course			28			40	38
	Programming and Applied Software			34	25		80	
	Networking Course		15	28			96	43
	Transformer and Electronic Circuit Training						44	55
	Mobile Phone Service Training			15	79	85	31	7
	Electrical Wiring		808	876	1,224	550	1,944	892
	Electrical Appliances Services Training		353	365	274	156	167	144
	Solar Installation Training		42	108	22			
	Rewinding of Motor and Generator Course			36		25	20	9
	Motor Control Course		17		41	53	94	95
	Diesel Engine Maintenance Training		127	274	245	136	277	145
	Petrol Engine Maintenance Training		16	37	83	5	15	10
	Basic Engine Maintenance Training(Diesel, Petrol)		66	41		20	16	77
	Single Cylinder Engine Maintenance Training		157	32	157	34	137	121
	Motorcycle Services and Maintenance Training		215	370	474	199	492	274
	Agricultural Machinery Services and Maintenance		398	156	165	136	67	19
	Training							
	Automotive Service Technology Training		38		30	15	23	
	Driving Training		8				18	
	CNC Machine Training						84	26
	Air-Con Service Training				140	16	57	17
	Refrigerator Service Training		29				23	
	Lathe & Drilling Training		37	31	8		4	
	Welding Training		196	330	649	252	687	355
	Basic Auto CAD Training		138	142	231	108	245	179
	Pneumatic, Electro Pneumatic and Hydraulic							18
	Training							
	Plants Tissue Culture					26	22	
	Basic Incubation of Microbes						64	
	Hair and Make-up Training				88	47	45	24
	Make-up Training				60		77	81
	Hair Cutting Training				69	50	26	
	Sewing Training		189	273	1,279	641	1,624	843
	Language Training		496	665	1,659	750	1,099	236
	Households Products Making Course (Liquid					20	71	244
	Soap, Hair Cream, Shampoo)							
	Mushroom Cultivation Training				26			
	Fish Hatchery Course			11				
	Good Agriculture Practice			8				
	Hotel Servicing				74	79	125	105
	Sale Clerk Training Course							17

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Front Office Operation			105	103	41		
	Housekeeping			58	192	61		
	Food and Beverage Production Training			95	113	55	17	96
	Pomelo Wine and Jam Making Training Course							30
	Baking & Confectionery						37	18
	Food Service and Culinary Course						34	19
	Beverage Course						38	19
	Front Office Operations(FOO)		37	42	76	40	78	39
	Housekeeping Operations(HSO)		32	35	79	39	74	40
	Restaurant Operations(RSO)		32	35	75	40	75	40
	Retail Operations(RTO)		34	40	79	40	74	39
	Electronics (Computer & Networking) (ECN)		34	38	78	39	79	40
	Electrical Appliances and Special Installations(EAS)		35	39	80	38	80	40
	Residential Air-Conditioning(RAC)		38	39	80	39	77	40
	Building Fixtures and Equipment(BFE)		33	38	78	38	80	39
	General Welding(GWG)		37	38	74	38	78	39
	Mechatronics (Basic Servicing)(McE)		30	37	80	38	80	39
	Certificate in Industrial Technologies						150	46
	Advanced Certificate in Industrial Automation						66	44
	Certificate in Renewable Energy							10
	Advanced Certificate in Water and Wastewater Management						5	4
	Advanced Certificate in CNC Production Technology						10	14
	Certificate in Woodworking Technology						9	13
	Advanced Certificate in CNC Woodworking							3
	Capacity Building Training for Staffs					34	215	
	First Aids Training						51	
	Cottage Industry Training						9	88
	Certificate in Woodworking						9	
	(DTVET)							
	Training Schools for Development of Nationalities Youth from Border Areas							
	Number of Schools	33	39	44	44	45	45	45
	Number of Students	3,477	5,432	6,305	6,719	7,067	6,634	5,787
	Technical Schools for National Youths in Border Areas							
	Number of Schools	6	8	9	9	9	9	9
	Number of Students	327	366	835	979	420	534	200
	Construction Training						92	20
	Electrical Training						106	45
	Welding Training						115	40
	Motor Car Mechanic Training						178	80
	Mobile Phone Repairing Training						43	15
	Mobile Technical Training Team	250	130	83	77	32	42	
	Vocational Training Schools of Domestic Science for Women							
	Number of Schools	37	39	43	43	45	46	46
	Number of Students	5,953	6,049	6,965	5,400	3,187	6,159	2,060
	Advanced Vocational Dress Making Training						1,670	1,869
	Basic Vocational Training						4,105	
	Course for Knitting Training						10	5
	Basic Weaving Hand-loom						7	3

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Traditional Hand Weaving Course						67	33
	Front Office Operation Course						100	50
	Housekeeping Operation Course						100	50
	Food and Beverage Service						100	50
	Mobile Vocational Training Team	1,508	1,009	385	360	223	100	
	Motor Sewing Machine Course	882	564	599	442	140	200	213
	Motor Sewing Machine Course-NSSA Level-1						600	568
	Primary Assistant Teachership Certificate Course (PATC)	198	105					
	(DET)							
	State High School of Fine Arts (Yangon and Mandalay)	57	52	48	56		233	58
	Dramatic Arts	37	34	35	39		153	45
	Painting	17	15	11	13		66	11
	Sculpture	3	3	2	4		14	2
	(FAD)							
	Central Institute of Civil Service (Upper and Lower Myanmar)	20,286	22,348	11,354	7,059	2,672	19,396	9,418
	Management Course for Executive Level Officials	33	28	30	107	45	38	
	Senior Level Officials Management Course	36	81	111	207	86	143	157
	Mid-Level Official Management Course, Advanced Diploma in Civil Service Management ^a					191	266	128
	Mid-Level Official Management Course	467	506	581	322			
	Basic Course for Civil Service Officers	1,294	1,191	1,170	926	335	963	634
	Basic Pre-Service Course for Civil Service Officers, Postgraduate Diploma in Civil Service Management ^b			119	645	408	411	183
	Basic Pre-Service Course for Civil Service Officers	464	620	305				
	Basic Pre-Service Special Course for Civil Service Officers	1,158		1,895	1,158		1,517	
	Basic Course for Junior Civil Service Officers	2,075	2,025	1,998	1,989	720	9,285	3,541
	Enhance Course for Office Supervisors	178	150	255	156	153	191	140
	Basic Course for Clerical Staff	1,419	1,349	1,659	1,549	734	6,582	4,635
	Special Refresher Course for Faculty of Universities and Colleges ^c	919	1,178					
	Special Refresher Course for Basic Education Teachers ^d	11,993	14,970	2,981				
	Special Refresher Course for Police Officer of Myanmar Police Force ^d	250	250	250				
	(CSSTD)							
	Opened Training Courses	3,845	3,711	3,485	6,797	1,459	6,136	5,604
	Deputy Director's Refresher Course							62
	Assistant Director's Refresher Course	172					76	
	Staff Officer's Refresher Course	196					366	
	Senior Auditor In-house Training Course	173	75	108	97		112	123
	Assistant Senior Auditor In-house Training Course	211	120	230	223	112	100	346

- Note:
- a Mid-Level Official Management Course, Advanced Diploma in Civil Service Management is inaugurated at 12-3-2018
 - b Basic Pre-Service Course for Civil Service Officers, Postgraduate Diploma in Civil Service Management is inaugurated at 2-1-2017
 - c Special Refresher Course for Faculty of Universities and Colleges has not been opened since the budget year 2016-2017
 - d Special Refresher Course for Basic Education Teachers and Special Refresher Course for Police Officer of Myanmar Police Force has not been opened since the budget year 2017-2018

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Internal Assistant Senior Auditor Proficiency In-house Training Course							65
	Basic Accounting and Office Work Proficiency Training Course	372	280	384	1,025	563	490	690
	Intermediate Accounting and Office Work Proficiency Training Course	210	117	139	360	291	265	
	Advanced Accounting and Office Work Proficiency Training Course	124	76	103	123	119	95	
	Diploma in Accountant Course (Part I)	1,116	1,284	1,245	438		672	672
	Diploma in Accountant Course (Part II)	388	240	439	194	374	212	403
	Certificated Public Accountant Course (Part I)	817	1,064	710	3,923		3,270	2,741
	Certificated Public Accountant Course (Part II)	66	209	127	414		478	502
	Basic Internal Audit Proficiency Inhouse Training Course		142					
	Advanced Internal Audit Proficiency Inhouse Training Course		104					
	(DATR)							
	Basic Mechanical Training Course for Welding Course, Machine Course, Electric Course and Fitting Course in Railways Technical Training Centre(Ywataung)	51	51	51	51	51	51	51
	Track Maintenance Machinerics Operation & Maintenance Training		5		18	20	39	
	Rail Gang Car (RGC)Operation and Maintenance Training		23	57	17		26	
	Management Improvement for Myanmar Railways	98	26	147	23	20	119	62
	(MR)							
	Computerized Payroll Program			10				
	Training for new appointment accountant			30				
	Road Safety and Transport Training Group			40				
	Total Number of Driving licenses ^a	3,665,384 ^b	4,694,441	5,170,350	5,290,773		5,538,000	5,574,940
	List of Road safety Training ^c						346,627	100,415
	(RTAD)							
	Skills Training Center for Workers and Jobseeker		549	925	981		1,312	881
	Electrical Installation Training			97	128			223
	Assessment Center Manager Training						34	35
	Assessor Methodology Online Training							136
	Hotel Hospitality Pre-service Preparation Training							31
	Air-Conditioning Installation and Repairing Training		160	96	135		212	82
	Reskills & Upskills Training for Electrical and Air-Conditioning Installation							30
	Motor Cycle Repairing Training							20
	Advanced Sewing Machine Training							28

Note: a Calculation based on Calendar year
b 14/15 refers to "Calendar Year of 2015 (January to December of 2015)"
c Road Safety Educative Training Courses were held at Road Transport Administration Department Offices

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Sewing Machine Training							100
	Sewing Machine Repairing Training							11
	Garment Supervisory Training		88		91			96
	Clothing Inspection Training							14
	Pattern Cutting Training							8
	Training of Garment Trainer							5
	Test Item Data Based Training				55			50
	News Writing Training							12
	Basic Welding Training(PTTEP)		121	75	48			
	Machinist Training		22					
	Assessor Training		134	282	163		144	
	Basic Welding Training(Budget)			20			110	
	Inspector & Assessment Center Manager Training				47			
	Inspector Training						111	
	Facilitator Training						15	
	Test Item User Training						19	
	Brick Layer Training						34	
	Welding Instructor Course			13				
	Instructor Course			12			42	
	Competency Standard Developer Course				55		55	
	Basic Electrical Installation Course		24	54			380	
	Instructional Technic Course				55			
	Construction Sector Training (Carpenter,Brick layer, Formwork)			276	204		106	
	Refresher Course for Labour Officer (DOL)						50	
	UMFCCI Training Institute	957	1,493	1,169	1,707		2,231	451
	Office Management	182	294	173	207		134	20
	Business English (Beginner Level)	137	177	78	132		146	42
	Business English (Intermediate Level)			106	128		137	31
	International Trade	84	129	90	114		139	70
	Basic Sales & Marketing Management	117	162	107	149		195	53
	Higher Sales & Marketing Management	35	134	76	99		45	
	Logistics & Supply Chain (Basic Level)	73	189	81	96		189	66
	Logistics & Supply Chain (Advanced Level)						94	
	Human Resource Management (Basic Level)	182	272	205	232		238	37
	Human Resource Management(Advanced Level)						54	
	Financial Management (Basic Level)	80	136	97	153		172	39
	Financial Management (Advanced Level)						39	
	Business Management			83	223		262	46
	Business Consulting Service Provider				94		88	25
	Strategic Management (Advanced Level)				40		131	
	Customer Service Management						89	
	Business English (Intermediate Level)				40			
	Japanese Language	67						
	Operational Research for Management Decision Making			48				

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	English for Communication Practice			25				
	General Management						45	22
	Leadership & Organizational Management						34	
	(UMFCCI)							
	Center for Tourism Development		5,223	5,501	3,829		3,173	4,565
	Tour Guide (Refresher) Training			50	36			
	Basic Tour Guide Training		242	334	191		273	170
	Regional Tour Guide Training		581	511	782		659	191
	Local Guide Training							101
	Hotel Service Training		4,164	4,149	2,564		1,566	284
	F & B Service Training						32	14
	ICT (In Company Trainer)						31	
	Training Methodology						31	
	Hospitality Supervision & Leadership							41
	Training							
	Front Office						36	18
	Housekeeping						35	12
	Hotel Operation Management						36	
	Lodging Operation						33	
	SM-1 (Supervisory Management)						41	31
	HACCP(Hazard Analysis Critical Control						62	
	Point)							
	Assistant Cook						40	
	Certificate I in Hospitality						117	24
	Certificate II in Hospitality Operation						48	
	Certificate I in Travel & Tourism						19	
	Certificate II in Travel & Tourism						5	
	Passenger Fares and Ticketing							12
	Planning & Operation(Banquets & Special							10
	Events)							
	Colourful Pasta							5
	Fantastic Pizz							9
	Certificate III in Travel & Tourism						3	
	Responsible Tourism Principle & Practices							4
	International Travel & Tourism Destinations							7
	Responsible Tourism Online Training							15
	Digital Marketing Online Training							81
	Supervisory Skill Online Training							292
	Work Place Health and Safety Training							87
	.Food Safety Hygiene Training							72
	English & Basic Computer Training		135	246	40			30
	Thai Language Training		50					
	English Language Training			54				
	Spanish Language Training			57	57			
	Chinese Language Training				52		49	269
	Japanese Language Training				90		32	100
	Korea Language Training				17		25	36
	Hotel Accounting Training		51	100				

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Tourism Capacity Building for Tourism Related Grassroots Personnel							1,480
	Hospitality Capacity Upgrading for Tourism Industry Personnel							1,120
	ASEAN Standard Tour Guide Upgrading Course for National Tour Guide							14
	Training for Destination Management Organization							36
	(DOHT)							
	Elderly Care Assistant Trainings							
	Number of Trainings						1	1
	Number of Trainees							85
	(DHRH)							
29.	Adult Literacy Rate Union	89.52	89.60	89.65				
	Male	92.64	92.69	92.72				
	Female	86.88	86.99	87.06				
	Youth Literacy Rate Union	93.96	94.11	94.53				
	Male	94.45	94.63	94.92				
	Female	93.52	93.71	93.89				
	Border Area							
	Enrollment in Basic Education Total	198	201	196	235		243	245
	(‘000) Primary	120	121	116	134		136	135
	Middle	61	61	61	75		79	82
	High	17	19	19	26		28	28
	Border Area							
	Teacher in Basic Education Total	6,917	7,576	8,352	9,745		9,953	10,002
	Primary ^a	3,512	3,870	4,177	5,673		5,584	5,430
	Middle	2,414	2,597	2,826	2,625		2,898	3,046
	High	991	1,109	1,349	1,447		1,471	1,526
	(DERPT)							
30.	List of foreign scholarship and training^b	1,499	1,592	1,452	1,273		1,260	2,025
	Ph. D	46	36	83	64		39	51
	M.A, M.Sc,M.Ed	15	20	36	35		9	6
	M.Res	50	7	10	8			170
	Training	253	295	288	316		337	518
	Study Tour	293	350	234	120		64	92
	Seminar/Workshop	231	316	359	353		385	618
	Meeting	79	83	141	166		133	
	Others	532	485	301	211		293	570
	Number of Foreign Students in Myanmar Universities	135	1,118	203	257		387	1,170
	(DHE)							
	Number of Foreign Scholarship from Ministries and Organizations	3,014	3,290					
	(CSSTD)							

Note: a Head of Primary School included in Primary Teacher
b Figures refer to calendar year

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
31.	Percentage of Female Students by Education Level							
	Primary	49.21	49.02	49.00	49.01		48.83	48.89
	Middle	50.33	50.57	51.00	50.89		51.24	51.22
	High	53.85	54.00	55.00	55.38		55.60	55.19
	Professional Institution	73.06		70.42			43.44	44.44
	Arts & Science	63.34		83.00			63.74	65.78
	Associate of Government Technical Institute		39.48	36.64	34.98		35.36	
	State Agricultural Institute	48.00	39.00	45.00	42.00		45.00	45.00
32.	Government Technical High School (DERPT, DOP, DTVET, DHE)	29.63	35.53	27.92	21.78		21.87	19.84
	Percentage of Senior Official Positions Held by Women in Public Sector	39.10	44.70	46.07	46.51		46.45	49.60
	Women Parliamentary Member percent in National Parliament ^a	4.69	4.75	10.36	10.93		11.57	11.60
	Women percent in Judiciary ^a	52.41	52.54	53.23	53.68		54.06	54.36
33.	Labour Force ^c (million)							
	Total	22.11^d	21.95^e		22.28^f		22.74^g	22.28^h
	Male	13.40 ^d	12.47 ^e		12.84 ^f		12.99 ^g	12.88 ^h
	Female	8.71 ^d	9.48 ^e		9.44 ^f		9.75 ^g	9.40 ^h
	Employment ^c (million)							
	Total	21.23^d	21.79^e		21.94^f		22.55^g	22.18^h
	Male	12.88 ^d	12.39 ^e		12.69 ^f		12.90 ^g	12.83 ^h
	Female	8.35 ^d	9.40 ^e		9.25 ^f		9.65 ^g	9.35 ^h
	Unemployment ^c (million)							
	Total	0.87^d	0.16^e		0.34^f		0.19^g	0.10^h
34.	Labour Force Participation Rate ^c (%)							
	Total	67.0^d	64.7^e		61.2^f		61.5^g	59.4^h
	Male	85.2 ^d	80.2 ^e		77.3 ^f		77.0 ^g	75.4 ^h
35.	Female	50.5 ^d	51.6 ^e		47.7 ^f		48.5 ^g	46.1 ^h
	Unemployment Rate ^c (%)							
	Total	4.0^d	0.8^e		1.6^f		0.9^g	0.5^h
	Male	3.9 ^d	0.7 ^e		1.2 ^f		0.7 ^g	0.4 ^h
	Female	4.1 ^d	0.9 ^e		2.0 ^f		1.0 ^g	0.6 ^h
	Composite rate of Labour							
	Total		6.9^e		7.2^f		6.0^g	3.3^h
	Underutilization-LU(%) ^c							
(DOL, DOP)	Male		6.0 ^e		6.7 ^f		5.5 ^g	3.1 ^h
	Female		8.1 ^e		8.0 ^f		6.5 ^g	3.7 ^h

- Note: a These figures represent calendar year. Civil Registration and Vital Statistics (CRVS) System
b Include Members of Region/State Government and Administrators
c Figures refer to calendar year
Data for 2016-2017 on the 33, 34 and 35 indicators are not available due to the Labour Force Survey was not conducted in 2016
- Source: d 2014 Population and Housing Census (Based on Conventional and Institutional Population Age 15-64 years)
e 2015 Labour Force, Child Labour and School-to-Work Transition Survey (Based on only Conventional Household Age 15+Population)
f 2017 Annual Labour Force Survey Report
g 2018 Annual Labour Force Survey Report
h 2019 Annual Labour Force Survey Report

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
36.	Employed Person by Education Level (percent) ^a							
	Never Attend		0.4 ^b		4.1 ^c		3.9 ^d	1.7 ^e
	Less than and completed primary		61.1 ^b		51.3 ^c		51.1 ^d	59.3 ^e
	Completed secondary		23.4 ^b		27.1 ^c		27.7 ^d	17.6 ^e
	Completed High and above		14.9 ^b		17.5 ^c		17.3 ^d	19.5 ^e
	other		0.2 ^b					1.9 ^e
	Skilled Workers by NSSA (National Regulatory Body for Accreditation^f)							
	National Skills Standards Authority - Skills Level-1	93	524	405	5,015		4,948	2,439
	Air-Con Installer		28		432		256	148
	Electrician(Building)	24	19	87	829		857	341
	Carpenter	16	223	45	233		181	53
	Manual Metal Arc Welder-MMAW	19	48	55	265		212	79
	Gas Metal Arc Welder-GMAW			43	280		127	49
	Waiting Staff	18	30		210		195	92
	Brick Layer		57	35	225		338	78
	Garment Sewing Machine		31		1,235		1,649	1,058
	Room Attendant		31	24	182		224	51
	Automotive Mechanic			22	286		190	69
	Machinist			10	62		64	24
	Motorized Farm Mechanic			19	224		120	15
	Tiler			11	147		67	27
	Small Engine Mechanic			40	53		68	30
	Hydraulic Excavator				194		146	62
	Forklift Operator				77		57	19
	Rubber Latex Harvesting				81		77	77
	Cabinet Maker	16	14				16	
	Cashier		22					
	Sale Person		21					
	Foundry Worker			14				
	Flux Cored Arc Welding -FCAW						104	95
	Bell Person							9
	Barbender							22
	Bamboo							6
	Power Loom							5
	Hand Loom							5
	Traditional Loom							5
	National Skills Standards Authority – Skills Level-2			106	149		673	121
	Pneumatic Technician			14	55		110	19
	Air-Con Installer			15	44		196	24
	Electrician(Building)			10	50		337	38
	Cabinet Maker			16				
	Carpenter			16				
	Manual Metal Arc Welder-MMAW			8			4	
	Brick Layer			7			6	20

- Note: a Figures refer to calendar year
Data for 2016-2017 of employment by education level on 36 indicator is not available due to the Labour Force Survey was not conducted in 2016
- Source: b 2015 Labour Force, Child Labour and School-to-Work Transition Survey (Based on only Conventional Household Age 15+Population)
- c 2017 Annual Labour Force Survey Report
- d 2018 Annual Labour Force Survey Report
- e 2019 Annual Labour Force Survey Report
- f National Regulatory Body for workforce Skill Qualification within National Skills Qualification Framework (Currently Level 1 to 4)

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Garment Poultry Farm Worker			20			20	20
	Human Capital for Accreditation Program							
	NSSA Assessor Level-1	40	67	75	148		91	74
	Carpenter	6	5		3			
	Electrician	6	8	19	19		8	4
	Waiting Staff	8	11		10			34
	Manual Metal Arc Welder-MMAW	9	9		11		4	1
	Cabinet Maker	5	3					
	Air-Con Installer	6	3		26		12	1
	Brick Layer		7		6		19	2
	Room Attendant		9	2	7		1	13
	Garment Sewing Machine Operator		5		5		12	2
	Cashier		4					
	Sale Person		3					
	Gas Metal Arc Welder-GMAW			11	11		4	1
	Foundry Worker			7			1	
	Automotive Mechanic			12	14		4	
	Tiler			4	6		2	2
	Small Engine Mechanic			6	2		2	6
	Machinist			8	7			
	Motorized Farm Equipment			6	4			
	Hydraulic Excavator				11		8	1
	Forklift				6		1	
	Flux Cored Arc Welding -FCAW						8	
	Rubber Latex						5	1
	Bar Bender							6
	NSSA Assessor Level-2			60	11		48	1
	Air-Con Installer			8	7		21	
	Brick Layer			7			3	
	Carpenter			7			1	
	Manual Metal Arc Welder-MMAW			11				
	Electrician			7	4		9	
	Cabinet Maker			9				
	Pneumatic Technician			6			6	
	Garment Sewing Machine Operator			5				
	Foundry Worker						8	
	Hydraulic Excavator							1
	NSSA Inspector Level-1	19	16	24				
	Carpenter	3						
	Electrician	3						
	Waiter	3						
	Manual Metal Arc Welder-MMAW	4	1	1				
	Cabinet Maker	3						
	Air-Con Installer	3						
	Brick Layer		3					
	Room Attendant		4					
	Garment Sewing Machine Operator		3					
	Cashier		3					
	Sale Person		2					
	Gas Metal Arc Welder-GMAW			5				

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Foundry Worker			3				
	Automotive Mechanic			3				
	Tiler			3				
	Small Engine Mechanic			3				
	Machinist			3				
	Motorized Farm Equipment			3				
	NSSA Inspector Level-2			25				
	Air-Con Installer			2				
	Brick Layer			2				
	Carpenter			3				
	Manual Metal Arc Welder-MMAW			6				
	Electrician			3				
	Cabinet Maker			3				
	Pneumatic Technician			3				
	Garment Sewing Machine Operator			3				
	(DOL)							
37.	Percentage Distribution of Employed Population <i>by Industry Group</i>	100.0^a	100.0^b		100.0^c		100.0^d	100.0^e
	Agriculture, forestry & fishing	52.2 ^a	51.7 ^b		50.6 ^c		48.2 ^d	48.9 ^e
	Mining and quarrying	0.8 ^a	0.9 ^b		0.9 ^c		0.6 ^d	0.6 ^e
	Manufacturing	6.8 ^a	10.9 ^b		10.5 ^c		11.1 ^d	10.4 ^e
	Electricity, gas, steam, etc.	0.2 ^a	0.1 ^b		0.1 ^c		0.1 ^d	0.1 ^e
	Water supply and other				0.2 ^c		0.2 ^d	0.1 ^e
	Construction	4.6 ^a	4.7 ^b		4.2 ^c		5.2 ^d	5.6 ^e
	Wholesale and retail trade	9.4 ^a	14.3 ^b		15.7 ^c		16.5 ^d	18.2 ^e
	Transportation and storage	3.9 ^a	4.4 ^b		4.6 ^c		5.1 ^d	5.5 ^e
	Accommodation and food service	4.7 ^a	1.3 ^b		1.6 ^c		1.8 ^d	1.8 ^e
	Information and communications				0.2 ^c		0.2 ^d	0.3 ^e
	Financial and insurance activities				0.4 ^c		0.5 ^d	0.7 ^e
	Real estate activities				0.2 ^c		1.2 ^d	1.1 ^e
	Professional and technical activities				0.3 ^c		0.3 ^d	0.3 ^e
	Administrative	1.2 ^a	2.3 ^b		1.4 ^c		0.0 ^f	-

Note: a 2014 Population and Housing Census (Based on Conventional and Institutional Population Age 15-64 years, DOP)
b 2015 Labour Force, Child Labour and School-to-Work Transition Survey, DOL (Based on only Conventional Household Age 15+Population)
f Denotes high relative standard error from too few observations (<50 cases)
Data for 2016-2017 on 37 indicator is not available due to the Labour Force Survey was not conducted in 2016
"-" No Sample

Source: c 2017 Annual Labour Force Survey Report
d 2018 Annual Labour Force Survey Report
e 2019 Annual Labour Force Survey Report

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Public administration and defence				0.6 ^c		0.6 ^d	0.6 ^e
	Education				2.9 ^c		2.7 ^d	2.4 ^e
	Human health and social work activities				0.7 ^c		0.5 ^d	0.3 ^e
	Arts, entertainment and recreation				0.1 ^c		0.1 ^d	0.1 ^e
	Other service activities	16.2 ^a	9.1 ^b		4.7 ^c		4.9 ^d	2.9 ^e
	Activities of households as employers		0.3 ^b		0.1 ^c		0.2 ^d	0.1 ^f
	Activities of extraterritorial				0.0 ^f		0.0 ^f	0.0 ^f
	by Occupation Group	100.0^a	100.0^b		100.0^c		100.0^d	100.0^e
	Managers	0.6 ^a	0.7 ^b		0.6 ^c		0.6 ^d	0.7 ^e
	Professionals	2.4 ^a	2.9 ^b		3.2 ^c		3.1 ^d	2.7 ^e
	Technicians and associate professionals	1.8 ^a	1.9 ^b		1.5 ^c		1.7 ^d	1.5 ^e
	Clerical support workers	2.3 ^a	1.5 ^b		1.9 ^c		1.9 ^d	2.0 ^e
	Services and sales workers	12.8 ^a	16.0 ^b		17.0 ^c		18.4 ^d	19.6 ^e
	Skilled agricultural, forestry & fishing workers	42.9 ^a	42.7 ^b		37.4 ^c		34.1 ^d	35.4 ^e
	Craft and related trades workers	11.7 ^a	11.9 ^b		10.7 ^c		12.8 ^d	13.1 ^e
	Plant and machine operators and assemblers	3.8 ^a	4.5 ^b		5.3 ^c		5.1 ^d	5.9 ^e
	Elementary occupation	16.0 ^a	17.8 ^b		22.3 ^c		22.2 ^d	19.0 ^e
	Armed forces occupations		0.1 ^b		0.1 ^f		0.1 ^f	0.1 ^f
	(DOL) Others	5.7 ^a						
38.	Percentage distribution of employed Population by employment status							
	Employees	39.0 ^a	38.5 ^b		36.8 ^c		34.4 ^d	35.0 ^e
	Employers	4.8 ^a	3.8 ^b		2.9 ^c		4.3 ^d	2.5 ^e
	Own-account workers	39.5 ^a	45.9 ^b		35.4 ^c		36.6 ^d	37.7 ^e
	Contributing family workers	16.9 ^a	11.8 ^b		24.9 ^c		24.7 ^d	24.8 ^e
	Placement of Workers for Overseas Employment^g	70,788	105,616	147,381	181,744	121,750	308,397	155,072
	Singapore	493	432	621	360	347	379	244
	Malaysia	29,224	35,967	25,154	4,270	12,873	67,610	32,227
	Korea	4,220	4,870	5,501	6,555	3,355	5,164	1,493
	Thailand	35,820	62,380	113,210	167,039	102,607	227,751	116,405
	Japan	875	1,794	2,486	3,185	2,193	6,049	4,106
	U.A.E	2	170	214	173	62	347	126
	Qatar			131	123	26	114	45
	Hong Kong	154	1					
	Macau		2	2	4	9	9	
	Laos			62				
	Jordan				35	278	974	426
	(DOL)							

- Note: a 2014 Population and Housing Census (Based on Conventional and Institutional Population Age 15-64 years, DOP)
- b 2015 Labour Force, Child Labour and School-to-Work Transition Survey, DOL (Based on only Conventional Household Age 15+Population)
- f Denotes high relative standard error from too few observations (<50 cases)
Based on only Conventional Household Age 15+ Population
The 2016-2017 data on the distribution of 37 and 38 indicators by employment status are not available due to the Labour Force Survey was not conducted in 2016.
- g The above list had been collected in accord with the Overseas Workers Identification Card issued by Migrant Workers Division in North Dagon Township, Yangon Region and Migrant Workers office in Myawaddy township, Kayin state
- Source: c 2017 Annual Labour Force Survey Report
d 2018 Annual Labour Force Survey Report
e 2019 Annual Labour Force Survey Report

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Number of Local Seamen ^a	6,281	7,876	8,678	8,839		10,663	10,153
	Number of Foreign Seamen ^a	99,617	102,376	105,188	108,006		116,139	116,847
	Maritime Industry (Seafarer Employment)							
	Inland Vessel Crew Members							21,025
	Coastal Seafarer							900
	Foreign Going Seafarer							24,751
	(DMA)							
39.	Number of Cooperative Establishments by Ownership	79	47	47	47	47	47	47
	Private ^b	157,961	153,931	154,469	155,795		156,932	155,559
	Joint Venture ^b	157	398	624	425		427	298
	Percentage Change in Cooperative Establishments by Ownership	0.00	-40.51	0.00	0.00		0.00	0.00
	Private ^b	13.21	-2.55	0.35	0.86		0.73	-0.87
	Joint Venture ^b	-61.04	153.50	56.78	-31.89		0.47	-30.21
	(DOC, DOL)							
	Number of Micro Industries Establishments (SSID)	2,021	1,751	2,303	2,350		3,847	3,012
	Number of SME Establishments (Number of SME Member Card)			6,800	10,616	6,652	6,663	6,534
	Registered Private Industrial Enterprise	44,439	45,951	48,090	50,065	50,628	51,661	51,720
	Growth ^c	1,080	1,512	2,139	1,975	563	1,033	59
	Growth Rate(%)	2.49	3.40	4.65	4.11	2.24	2.04	0.15
	(DISI)							
40.	Coverage of Social Security Scheme for Establishments							
	Total Establishments	34,907	25,618	27,776	29,948	31,119	33,694	36,192
	Public	1,996	1,740	1,851	1,904	1,911	1,941	1,948
	Cooperative	938	360	364	366	376	382	388
	Private	31,896	23,393	25,378	27,389	28,470	30,753	32,983
	Joint Venture	52	60	62	72	81	98	111
	Other	25	65	121	217	281	520	762
	Coverage of Social Security Scheme for Eligible Employed Persons							
	Both Sexes	778,837	871,320	1,001,209	1,149,232	1,254,010	1,415,187	1,399,328
	Male	359,558	388,981	432,635	471,072	497,751	536,648	533,374
	Female	419,279	482,339	568,574	678,160	756,259	878,539	865,954
	By Sector	778,837	871,320	1,001,209	1,149,232	1,254,010	1,415,187	1,399,328
	Public	155,436	153,179	152,083	147,189	146,171	145,267	138,650
	Cooperative	4,523	3,950	4,006	3,996	4,598	4,889	4,726
	Private	593,702	684,992	816,214	968,373	1,072,542	1,232,014	1,223,558
	Joint Venture	23,942	27,806	27,463	28,315	29,295	31,477	30,646
	Other	1,234	1,393	1,443	1,359	1,404	1,540	1,748
	Numbers of Offices, Clinics and Hospitals under the Social Security Board							
	Social Security Offices	91	91	91	96	96	96	96
	Region/ State Offices	14	14	14	14	14	14	14
	District Offices				4	4	4	4
	Township Offices	77	77	77	78	78	78	78
	Clinics Under Social Security Scheme	140	145	151	157	160	169	171
	Social Security Clinics	94	94	96	96	96	96	96

Note: a All data were carried over
b Figures refer to calendar year. Information on the number of establishments by ownership was obtained from the list of Industry, Factory, Establishment and Worker conducted by the Department of Labour annually
c New registered Industrial Enterprises

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Traditional Medicine Clinic		1	1	1	1	1	1
	Mobile Medical Units(MMU)	1	2	2	1	1	2	2
	Clinic at large Enterprise	45	47	50	55	55	58	58
	Fee for service payment clinics		1	2	4	4	5	7
	Capitation payment clinics					3	7	7
	Worker's Hospitals							
	Total Hospitals	3	3	3	3	3	3	3
	250 Bedded hospital	1	1	1	1	1	1	1
	150 Bedded hospital	1	1	1	1	1	1	1
	100 Bedded hospital	1	1	1	1	1	1	1
	(SSB)							
41.	(a) Nominal GDP at Current Prices K. million	65,261,890.2 ^a	74,215,745.8 ^b	82,700,023.6 ^b	92,788,955.1 ^b		105,258,500.8 ^b	112,773,996.6 ^b
	(b) Real GDP at Prices K. million	52,785,050.8 ^a	74,215,745.8 ^b	78,483,199.0 ^b	83,510,030.1 ^b		89,147,341.4 ^b	91,976,676.9 ^b
	Growth Rate (%) (PD)	8.0 ^a	7.0 ^b	5.8 ^b	6.4 ^b		6.8 ^b	3.2 ^b
42.	(a) Real GDP per Capita at Prices (Kyats)	1,015,273 ^a	1,408,696 ^b	1,476,580 ^b	1,557,297 ^b		1,647,795 ^b	1,685,203 ^b
	(b) Nominal GDP per Capita (Kyats) (PD)	1,255,254 ^a	1,408,696 ^b	1,555,916 ^b	1,730,330 ^b		1,945,593 ^b	2,066,253 ^b
43.	Food Rice	263.73	272.50	268.20 ^c	227.08 ^d			
	Availability Edible Oil	22.15	25.56	22.86 ^c	30.09 ^d			
	per Head Meat	53.10	56.59	57.29 ^c	59.27 ^d			
	(kg) Fish	94.78	103.41	104.03 ^c	104.89 ^d			
	Beans & Pulses	86.21	94.60	92.20 ^c	81.15 ^d			
	(PD)							
44.	(a)Investment (K. million)	20,700,859.5	24,104,054.1	26,480,352.0	28,865,177.5		31,497,347.1	33,291,583.8
	(b)Exports (K. million)	12,496,536.9	13,896,988	18,061,339	22,728,024		25,987,622	
	Exports (US\$ million) ^e	12,523.7 ^a	11,281.5 ^b	13,432.2 ^b	16,446.7 ^b		17,060.4 ^b	17,681.1 ^b
	(c)Imports (K. million)	16,596,537.2	19,826,248	25,365,504	26,876,548		27,664,396	
	Imports (US\$ million) ^e	16,632.6 ^a	16,096.0 ^b	18,864.3 ^b	19,447.4 ^b		18,086.6 ^b	19,050.9 ^b
	(PD)							

Note: a Fiscal year April to March (At 2010-2011 Constant Price)

b Data are in line with the new fiscal year (October to September) (At 2015-2016 Constant Price)

c This figure are provisional actual data

d End of March Figures

e The data received from CSO and Ministry of Commerce for US \$ million

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
45.	Public Expenditure by Sector (K. million)^a							
	Total	19,812,582.658	21,310,471.495	20,661,113.910	22,015,780.734	11,258,930.192	26,696,292.152	35,849,822.680
	Agriculture	562,764.022	607,458.368	513,054.318	382,050.852	190,144.187	521,004.735	549,402.936
	Livestock & Fishery	45,251.398	43,876.893	41,082.114	30,987.718	17,130.990	60,934.338	59,073.483
	Forestry	20,777.853	25,048.143	197,636.940	259,699.054	115,826.696	247,928.828	67,906.115
	Energy	1,478,057.639	1,312,875.279	1,342,468.099	1,339,596.131	703,195.982	1,514,368.703	3,459,382.997
	Mining	176,020.797	151,371.584	105,573.055	136,498.919	70,155.941	119,497.184	170,909.060
	Processing & Manufacturing	1,647,151.050	1,630,469.854	695,030.797	557,642.245	243,125.966	576,032.350	504,194.785
	Electric Power	2,070,681.371	2,691,003.306	2,926,280.343	3,378,386.846	1,791,269.647	4,349,691.080	7,080,790.729
	Construction	1,564,681.877	1,458,897.133	1,384,698.543	1,339,916.462	531,374.843	1,732,049.564	2,470,906.959
	Transportation	423,581.312	503,630.279	705,907.389	775,698.144	389,151.644	1,296,768.152	1,515,913.448
	Communication	428,148.318	410,879.603	347,732.628	222,613.864	208,808.668	355,687.155	527,612.258
	Trade	609,135.805	549,398.675	406,522.511	244,193.234	146,681.487	280,798.170	208,822.150
	Social	2,080,626.983	2,479,437.937	2,511,808.674	2,723,991.219	1,314,482.120	3,646,073.453	4,516,427.201
	<i>Education</i>	<i>1,184,697.632</i>	<i>1,533,432.628</i>	<i>1,593,256.104</i>	<i>1,651,802.399</i>	<i>802,244.643</i>	<i>2,175,380.625</i>	<i>2,800,199.920</i>
	<i>Health</i>	<i>676,254.397</i>	<i>790,147.842</i>	<i>771,035.125</i>	<i>867,906.334</i>	<i>414,375.563</i>	<i>1,151,985.063</i>	<i>1,286,181.053</i>
	<i>Others</i>	<i>219,674.954</i>	<i>155,857.467</i>	<i>147,517.445</i>	<i>204,282.486</i>	<i>97,861.914</i>	<i>318,707.765</i>	<i>430,046.228</i>
	Financial Institutions	652,087.837	793,188.388	838,676.425	1,099,997.434	490,961.353	1,159,719.263	1,463,741.020
	Administrative Organizations (PD)	8,053,616.396	8,652,936.053	8,644,642.074	9,524,508.612	5,046,620.668	10,835,739.177	13,254,739.539
46.	Consumer Price Index (2012=100)^b							
	Union	110.99	122.09	130.33	135.59	142.37	152.41	161.14
	(CSO)							
47.	Gross Sown Area ('000 acres)	52,805	52,689	51,547	50,526		49,139	48,527
	Cultivated Land per head (acre)^c	0.5660	0.5654	0.5622	0.5580		0.5509	0.5446
	(DALMS)							
48.	Land Use/ Land Cover ('000 Acres)							
	Net Sown Area	29,616	29,673	29,746	29,792		29,674	29,593
	Fallow Land	1,094	1,111	1,165	1,149		1,214	1,241
	Cultivable Waste Land	13,013	12,964	12,945	13,695		14,243	16,488
	Forest Cover ^d	73,112	71,761	71,761	71,761		71,761	70,533
	Other Wooded Land ^d	39,751	37,263	37,263	37,263		37,263	46,347
	Reserved Forest and Protected Public Forest (RF and PPF)	41,449	41,338	41,516	42,095		42,554	42,716
	Protected Area System (PAS)	9,614	9,607	9,681	9,682		9,783	10,169
	(DALMS, FD)							

- Note:
- a 2014-2015 to 2017-2018 fiscal year is April to March and 2018-2019 to 2019-2020 fiscal year is October to September. Including state & region
 - b Household Income and Expenditure Survey, 2012
 - c The value of indicators is reproduced on the basis of net sown area in year by year (Year Wide) and the following years Department of Agricultural Land Management and Statistics
 - d Forest Cover is based on Forest Resource Assessment 2020 (FRA 2020) and Forest Cover is announced by FAO every five year.

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
49.	Number of Motorcars (per 1,000 Population)	12.40 ^a	14.50	16.28	18.83		20.50	20.50
	Number of Two- wheelers (per 1,000 Population)	80.00 ^a	85.90	95.58	106.11		112.20	116.60
	Number of Motor Vehicles (Total) (per 1,000 Population) (RTAD)	94.40 ^a	102.70	114.30	127.96		136.00	140.40
50.	Monthly Household Expenditure of Energy Consumption (Kyat) ^b (CSO)				12,860.47 12,577.43 13,559.17			
	Union							
	Rural							
	Urban							
51.	Railway Traffic Passenger Miles (million) (MR)	2,122.743	1,946.980	1,965.896	1,997.659	897.407	1,904.888	1,062.249
	Road and Bridge Traffic							
	Road(Mile/ Furlong)	4,917/3	3,805/3	2,224/7	1,881/3	1,107/3	3,283/6	5,211/5
	Bridge (Feet)	90,710	85,286	115,848	1,378 ^c	602 ^c	2,075 ^c	3,510 ^c
	(DRRD)							
	Construction of Rural Farm Road							
	Mile/ Furlong					75/0	266/7	614/5
	Construction of Rural Farm Bridge							
	Number Feet					40 253	220 2,341	875 7,717
	(DRD)							
	Bridge Traffic			149	124	36	112	96
	Below of 180 ft Bridge			112	89	23	77	38
	180 ft and Above of 180 ft Bridge			37	35	13	35	58
	(DOB)							
	Road Traffic							
	Road (Mile/Furlong)	25,211/7	25,733/0	26,001/8	26,311/5		26,208/0	26,323/6
	(DOH)							
52.	Railway Traffic Cargo-Ton Miles (million)	504.758	475.620	437.167	421.198	255.447	457.634	491.076
	Railway Track Miles	4,933.15	4,933.86	4,939.54	4,939.54		4,939.54	4,939.55
	Railway Route Miles (MR)	3,795.33	3,795.33	3,797.92	3,797.92		3,797.92	3,797.92
53.	Telecommunication							
	Number of Telephone Subscribers	20,374,159	37,809,541	54,783,425	56,624,067		74,010,081	82,647,000
	Number of Fixed Subscribers	526,041	523,722	516,831	557,078		350,322	520,000

Note: a 14/15 refers to "Calendar Year of 2015 (January to December of 2015)
b These figures represent calendar year. Myanmar Living Conditions Survey, 2017
c No. of bridge describes since the fiscal year 2017-2018

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Number of Mobile Subscribers	19,848,118	37,285,819	54,266,594	56,066,989		73,659,759	82,127,000
	Number of Mobile Internet Subscribers (Operators) ^a	4,060,631	14,129,218	37,779,963	37,826,838		65,242,182	79,805,000
	Number of Internet Subscribers Telephone per 1,000 Inhabitants (Operators) (PTD)	395.720	734.362	1,064.04	1,099.79		65,840,137 1,361	80,290,000 1,514
54.	Postal Services							
	Average area covered by per post office (square kilometer)	489	491	490	490		487	486
	Average number of total inhabitants served by per postal employee	12,627	10,736	10,459	10,720		11,841	12,601
	Average number of letter item sent by per person as per year	0.03	0.04	0.03	0.03		0.03	0.02
	Total number of post offices	1,384	1,378	1,381	1,382		1,389	1,391
	Full fledge	781	778	782	783		834	844
	Branch offices	211	210	208	208		169	161
	Village agency	392	390	391	391		386	386
	Total number of staffs	4,072	4,789	5,153	4,803		4,348	4,065
	Total number of post office boxes	444	450	365	365		345	345
	Total number of street letter boxes	1,666	1,632	1,330	1,330		1,165	1,165
	Financial transactions post offices	781	778	782	783		834	844
	Express Mail Service(Cities)	155	174	202	299		310	332
	Express Money Order Service (Cities) (PTD)	337	356	406	418		413	413
55.	Daily Newspapers	341	328	345	332	315	262	188
	No. in Circulation ('000)							
	Myanmar	326	313	329	316	299	248	177
	English	15	15	16	16	16	14	11
	(NPE)							
56.	Mass Media							
	Public^b							
	Other Mass Media							
	District Public Libraries	72	72	74	74		74	79
	Township Public Libraries	258	258	256	256		256	251
	Sub-Township Public Libraries	84	84	87	87		87	88
	Readers('000)	1,162	4,145	4,714	3,670		3,324	2,683

Note: a These figures of 2014 till 2018 are only from three telecom operators (excluding Mytel)

b These figures refer to calendar year

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Private^a							
	Registration Free Library	5,471	5,471	5,471	5,471		5,471	5,471
	Self-Reliance Libraries	55,755	55,755	55,755	55,755		55,755	55,755
	Implementing Opened Rural Libraries with Five Standards	5,655	6,006	6,106	6,106		6,106	6,106
	Cinema	67	88	90	185			
	Digital Cinema				122	46	151	206
	Film Cinema				13	4	6	9
	Video-Parlors	4,750	3,521	3,602	3,229	522	2,572	1,759
	Karaoke Lounge	2,076	1,558	1,570	3,783	1,203	3,190	2,679
	Video-Shooting House	296	277	230	769	206	692	456
	Learning Centre(Graduates)							
	Private Film Training School				158		233	225
	Transmit TV & FM & DVB- T2							
	TV Retransmitting Station	252	253	254	254	255	258	258
	Analogue TV Transmitting	251	251	251	251	251	251	251
	Digital DVB- T2 Transmitting	95	145	147	151	151	151	153
	Radio FM Transmitting	60	83	83	84	84	84	85
	J.V FM Radio (Station)	61	71	78	81	81	83	86
	J.V FM Radio(Company)	6	6	6	6	6	6	7
	Radio Transmitter Station	3	3	3	3	3	3	3
	Community FM Radio(Khayae FM Radio) (MPDB ,IPRD, MRTV)				1	1	1	1
57.	Social Welfare Establishments							
	Residential Nursery (GOs)							
	(1) Number of Nurseries	6	7	7	7	7	7	8
	(2) Number of Children	208	201	259	279	364	355	374
	Pre-Primary School (GOs)							
	(1) Number of Schools	75	94	99	104	123	129	142
	(2) Number of Children	11,860	13,509	14,511	15,144	16,871	18,076	19,069
	Early Childhood Care and Development Resource Center (GOs)							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Trainees	105	582	959	1,081	586	586	9,254
	Community based Mother Circles							
	(1) Number of Mother Circles					437	647	1,200
	(2) Number of Children					8,770	13,145	24,205
	Training School for Boys (GOs)							
	(1) Number of Schools	7	7	7	7	7	7	8
	(2) Number of Boys	1,001	985	1,168	1,361	1,415	1,947	2,228

Note: a These figures refer to calendar year

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Training School for Girls (GOs)							
	(1) Number of Schools	3	3	3	3	3	3	3
	(2) Number of Girls	371	296	228	213	270	267	274
	Women Development Center(GOs)							
	(1) Number of Centers	2	2	2	2	2	2	2
	(2) Number of Women	163	142	141	150	162	157	179
	Vocational Training Schools for Women (GOs)							
	(1) Number of Schools	4	4	4	4	4	4	4
	(2) Number of Women	184	183	219	286	308	331	210
	Center for Women Care and Development(GOs)							
	(1) Number of Centers	2	2	2	2	2	2	2
	(2) Number of Women	30	19	4		2	3	4
	Day Care Center for the Aged(GOs)							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Elderly	70	70	70	70	70	70	70
	Care Giver Training for Elderly People							
	(1) Number of Trainings		2	2	2		3	1
	(2) Number of Trainees		48	67	37		85	38
	School for the Persons with Visual Disabilities (GOs)							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	232	222	230	226	243	255	300
	School for the Persons with Hearing Disabilities (GOs)							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	218	284	319	322	329	358	300
	Vocational Training School for Adult Persons with Disabilities(GOs)							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Students	146	134	47	50	59	80	100
	School for the Children with Disabilities (GOs)							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Children	324	296	356	353	340	343	350
	Disabled Care Center (GOs)							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Children	68	77	78	93	99	107	100
	School for Home Science(GOs)							
	(1) Number of Schools	7	10	10	10	10	11	11
	(2) Number of Trainees	14,167	16,224	18,174	10,574	4,160	7,046	2,963
	Social Welfare Training School(GOs)							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	1,345	930	411	409	483	619	542
	Social Protection Services							
	(1) Number of Program					2	2	2
	(2) Social of Pension					43,439	188,740	230,249
	(3) Maternal Child Cash Transfer Program					93,213	205,431	372,228

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
	Voluntary Youth Development Center(NGOs)							
	(1) Number of Centers	228	228	226	229	223	231	231
	(2) Number of Youth	16,713	16,588	18,395	20,180	19,756	21,933	21,855
	Vocational Training School for Women (NGOs)							
	(1) Number of Schools	11	11	11	12	12	13	13
	(2) Number of Students	609	708	669	824	871	1,084	1,213
	Home for the Aged (NGOs)							
	(1) Number of Homes (Registered)	73	78	79	80	80	82	83
	(2) Number of the Elderly	2,438	2,606	2,715	2,828	2,862	2,993	3,033
	Voluntary Schools for the Persons with Visual Disabilities (NGOs)							
	(1) Number of Schools	7	7	6	6	6	6	6
	(2) Number of Trainees	499	633	433	370	475	497	510
	Voluntary Schools for the Persons with Hearing Disabilities (NGOs)							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	156	233	234	182	203	221	247
	Voluntary Schools for the Children with Disabilities (NGOs)							
	(1) Number of Schools	4	2	5	5	5	5	5
	(2) Number of Trainees	236	261	540	533	563	554	589
	Voluntary Pre-primary School(NGOs)							
	(1) Number of Schools	900	921	975	978	1,024	1,024	2,328
	(2) Number of Children	33,338	34,849	35,732	35,174	35,315	34,938	95,570
	One Stop Women Support Center-OSWSC (DSW)							
	(1) Number of Centers					4	4	6
	(2) Number of Survivors					171	145	121
	Rehabilitation Center for Ex-Drug Addicts (GOs)							
	(1) Number of Centers	12	12	12	12	12	11	14
	(2) Number of Trainees	308	299	310	566	122	558	420
	Temporary Shelter for Victims of Trafficking (GOs)							
	(1) Number of Shelters	4	4	4	4	4	4	5
	(2) Number of Victims	132	150	240	144	204	462	579
	Information Center for Trafficking in Persons^a (Yangon)							
	(1) Number of Centers						1	2
	(2) Number of Persons						314	311
	<i>(DOR)</i>							

Note: a In order to share the information about the trafficking to provide the psycho-social support, repatriate and transfer to their home and seek the job opportunities by connected with other relevant departments and social organizations, Information Center for trafficked persons has opened at Yangon

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
58.	Establishments under Myanmar Maternal and Child Welfare Association^a							
	Total number of Maternity Home	134	132	130	130		129	129
	Total number of Maternity Waiting Homes	11	11	11	11		12	11
	Number of Community Nutrition Centre	786	669	455	442		444	358
	Preschools	681	785	526	498		467	424
	Day Care Centers	21	21	21	21		28	21
	Number of Children	26,982	26,668	18,700	18,507		16,877	16,021
	Number of Person Attending Sewing Courses	53,934	47,096	36,151	17,154		21,649	15,638
	Number of Person Attending Cooking Courses	76,978	76,326	55,321	29,004		38,950	21,334
	Number of Person Attending other Skill Courses	55,593	35,484	20,408	12,594		19,247	18,840
	Number of Person Implementing Agriculture and Veterinary Works	4,960	3,453	2,650	2,609		2,327	2,538
	Number of Digging Wells	9,350	5,685	7,063	5,497		1,368	415
	Chlorination and Repairing Existing Wells	86,759	107,090	55,599	53,735		30,527	29,016
	Number of Newly Built Fly-proof Latrines as to the time of report duration (MMCWA)	34,576	27,929	14,863	9,328		5,401	4,316
59.	Total Number of Villages (GAD)	63,860	63,843	63,833	63,300		63,218	63,219
	Number of Villages with School	37,220	40,459	41,143	43,943		42,113	
	Percentage of Villages with School (DERPT)	58.28	63.36	64.43	69.00		66.62	
	Number of Villages with RHC or Sub-RHC	10,336	11,021	11,021	10,231		10,477	10,549
	Percentage of Villages with RHC or Sub-RHC (DOPH)	16.18	17.26	17.26	16.02		18.00	17.00
	Number of Electrified Villages (Off Grid)	1,987	2,275	2,718	1,719		3,314	1,431
	Number of Households of Energy Consumption by Rural Areas (DRD)	182,087	133,378	142,968	94,888		134,783	71,907
	Number of Co-operative Society Members of Co-operative Society (in million) (DOC)	34,202 3.33	40,388 3.97	40,388 4.97	40,613 4.25	40,584 4.25	40,178 4.23	39,622 4.22
	Total Number of Electrified Villages	27,711	30,869	31,781	32,475	33,602	34,532	37,247
	Number of Electrified Villages(On Grid)	6,626	8,872	10,792	11,614	13,210	14,881	19,137
	Number of Electrified Villages (Off Grid)	21,085	21,997	20,989	20,861	20,392	19,651	18,110
	Percentage of Electrified Villages	43.39	48.35	49.78	50.96	52.73	54.58	58.88
	Unit Consumed (in millions)	11,406.76	13,550.81	15,482.09	17,251.91	9,573.47	19,478.05	20,044.35
	No. of Consumer (in thousands) (DEPP)	3,257.57	3,698.22	4,111.15	4,337.69	4,617.81	5,140.06	6,162.00

Source: a Reports of 25th, 26th, 27th, 28th, 29th & 30th Annual meeting. Figures refer to calendar year

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
60.	Crime Rate (per 100,000 population)^a	271.30	272.26	451.26	543.17	276.89	759.08	547.68
	Serious Crime	4.59	4.46	5.37	6.28	3.39	6.07	5.69
	Other Crime	105.54	107.25	118.35	139.67	72.56	136.65	118.14
	Preventative Crime	161.17	160.55	327.54	397.22	200.94	616.36	423.85
	Transnational Crime							
	Narcotic Crime	6,414	8,800	8,814	9,525	5,189	13,041	14,511
	Trafficking in Persons	124	130	131	203	95	234	142
	Population and Police Ratio (MPF)	1:1,219	1:1,106	1:1,090	1:1,136	1:1,163	1:1,155	1:1,167
61.	Single Leading Causes of Morbidity for Union (Percentage)	100.0	100.0	100.0	100.0		100.0	
	Single spontaneous delivery ^b	6.6	7.0	7.4	8.1		7.9	
	Diarrhoea and gastroenteritis of presumed infectious origin	5.6	6.0	5.2	4.9		4.3	
	Viral infection of unspecified site	4.0	5.2	4.9	5.5		4.4	
	Single delivery by caesarean section	4.9	4.7	4.8	5.2		5.5	
	Other and unspecified injuries of head	4.2	3.8	3.6	3.3		3.0	
	Gastritis and duodenitis	2.8	2.9	3.0	3.0		2.9	
	Acute upper respiratory infections of multiple and unspecified sites	1.9	1.6	2.3	1.9		1.7	
	Pneumonia, organism unspecified	1.8	1.4	1.8	1.2		1.4	
	Unspecified abortion	1.8	1.7	1.6	1.6		1.5	
	Mental and behavioral disorders due to use of alcohol	1.4	1.5	1.6	1.5		1.4	
	Neonatal jaundice from other and unspecified causes	1.6	1.5	1.4	1.4			
	Essential (primary) hypertension	1.2	1.3	1.3	1.4		1.5	
	Other cataract	1.9	1.8	1.3			1.4	
	Injury of unspecified body region		1.1	1.3	1.2			
	Respiratory tuberculosis, not confirmed Bacteriologically or Histologically	1.3		1.1				
	Dengue hemorrhagic fever	1.5	3.4		2.2		1.5	
	Single delivery by forces and vacuum extractor				1.1			
	Unspecified acute lower respiratory infection						1.4	
	Acute appendicitis						1.1	
	All other causes	57.3	55.2	57.3	56.5		59.1	

Note: a Figures refer to calendar year. Information on age, type of crime, region, etc. are not included

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

Source: Health Information Section, DOPH

Sr.	Indicator	14/15	15/16	16/17	17/18	Mini Budget	18/19	19/20
62.	Single Leading Causes of Mortality for Union (Percentage)	100.0	100.0	100.0	100.0		100.0	
	Other septicemia	7.4	8.0	6.6	4.7		4.6	
	Disorders related to short gestation and low birth weight not elsewhere classified	5.0	5.1	5.4	6.0		6.0	
	Other and unspecified injuries of head	5.1	5.5	5.1	4.1		4.0	
	Heart failure	3.0	3.4	3.5	2.9		2.6	
	Intracranial injury	2.3	2.7	3.4	3.9		3.9	
	Stroke, not specified as hemorrhage or infarction	2.7	2.8	3.3	3.0		2.3	
	HIV	3.1	2.6	3.0	2.2			
	Birth asphyxia	2.9	3.0	2.8	3.1		2.9	
	Intracerebral hemorrhage	2.2	1.9	2.6	2.2		2.1	
	Respiratory tuberculosis, not confirmed bacteriologically or histologically	3.1	2.7	2.3	2.2		2.1	
	Fibrosis and cirrhosis of liver	2.3	2.2	2.1	2.7			
	Pneumonia, organism unspecified	1.9		1.7	2.1		2.2	
	Essential (primary) hypertension		1.5	1.7	2.5		2.4	
	Bacterial sepsis of newborn	1.9	1.5	1.6				
	Alcoholic liver disease			1.6	1.8		2.1	
	Hepatic failure		1.5					
	Acute myocardial infarction	1.7					1.5	
	Other chronic obstructive pulmonary disease	1.4					1.5	
	Shock not elsewhere classified		1.8					
	Unspecified diabetes mellitus				1.9		1.8	
	Malignant neoplasm of liver and intrahepatic bile Ducts		1.0					
	Pneumonitis due to solids and liquids		0.7					
	All other causes	53.8	53.8	53.3	54.7		57.9	

Source: Health Information Section, DOPH

DEFINITIONS OF HUMAN RESOURCES DEVELOPMENT INDICATORS

CONTENTS

1. Population Density, Sex Ratio
2. Dependency Ratio
3. Crude Birth Rate (CBR)
4. Crude Death Rate (CDR)
5. Total Fertility Rate (TFR)
6. Under 5 Mortality Rate (U5MR)
7. Maternal Mortality Ratio (MMR)
8. Life Expectancy at Birth
9. Percentage of Severe and Moderately Malnourished Children under 5
10. Contraceptive Prevalence Rate (CPR)
11. Percentage Coverage of Universal Child Immunization
12. Population per Physician
13. Population per Nursing Personnel
14. Population per Hospital Bed
15. Government Hospitals
16. (a) Number of Villages per Rural Health Centre (b) Number of Villages per Rural Health Centre and Sub-centre
17. (a) Traditional Medicine Hospitals (b) Traditional Medicine Practitioners
18. Percentage of RHC which are Adequately Supplied with Staff, Equipment and Essential Drugs
19. Safe Water Supply
20. Percentage of Population Accessible to Proper Sanitation
21. Gross Enrollment Ratios by Level (GER)
22. Net Enrollment Ratios (NER)
23. Transition Rate from Primary to Middle School level (TR)
24. Retention Rates by Level (RR)
25. (a) Coefficient of Efficiency (Primary Level) (b) Pupil –Teacher Ratio (c) Adult Literacy Rate (d) Completion Rate by Level (CR)
26. Enrollment in Basic and Monastic Education
27. Number of Graduates by Specialization
28. Number of Persons Trained in Technical, Agricultural and Vocational Institutions by Skill Level
29. Adult Literacy Rate
30. List of foreign scholarship and training
31. Percentage of Female Students by Education Level
32. Percentage of Senior Official Positions Held by Women in Public Sector
33. Labour Force, Employment, Unemployment

34. Labour Force Participation Rate (LFPR)
35. Unemployment Rate, Labour Underutilization
36. Labour Force by Education Level
37. Employed Population by Industry and Occupation Group
38. Employed Population by Employment Status
39. Establishments and their Growth by Ownership
40. Coverage of Social Security Scheme for Registered Employed Persons
41. Real GDP and Growth Rate of GDP
42. Real GDP per Capita
43. Food Availability per Head
44. Investment, Exports and Imports
45. Public Expenditure by Ministries
46. Consumers' Price Index
47. Gross Area Sown, Cultivated Land per Head
48. Land Use (Net Sown Area), Land Use/ Land Cover (' 000 acres)
49. Number of Motor Vehicles per 1,000 Populations
50. Monthly Household Expenditure of Energy Consumption (Kyat)
51. Railway Traffic Passenger Miles , Construction of Rural Farm Roads and Bridges
52. (a) Railway Traffic Cargo-Ton Miles (b) Route Miles (c) Track Miles
53. Number of Telephones and Telephones per 1,000 Inhabitants
54. Postal services
55. Daily Newspaper: Number of Circulation
56. Other Mass Media
57. Social Welfare Establishments
58. Myanmar Maternal and Child Welfare Association
59. Number (Percentage) of Villages with School, Clinic and Electrified villages
60. Crime Rate
61. Single Leading Causes of Morbidity for Union (Percentage)
62. Single Leading Causes of Mortality for Union (Percentage)

Glossary and Methodological Notes of Human Resources Development Indicators

1. Population Density

Population density is the average number of population living within a certain area (usually one square or kilometer).

Sex Ratio

Sex ratio is the number of males per 100 females in the reference age group.

2. Dependency Ratio

Dependency ratio is the number of dependent population per 100 working age population.

Method of Calculation

Population projection is the calculation of future population numbers based on specific, quantitative assumptions about future fertility, mortality and migration. Producing population projections requires to estimate the inputs to the calculation, including the base age-sex distributions for each place, the anticipated future trend of fertility and mortality, age patterns of fertility and mortality, and statistics describing internal and international migration. Because the projections were prepared by single year of age, preparatory included numerous interpolations from five to single year age groups.

The fertility input for projection of the population of any area for a given year consists of a total fertility rate for the year and the smoothed age pattern of single year age-specific fertility rates. The age-specific fertility rates used for projection are calculated by multiplying the age pattern rates by a constant factor chosen to give rates that sum to the given total fertility rate.

Mortality is represented by life tables, fertility by age-specific fertility rates, both covered by any standard demographic methods textbook. Life tables are constructed from age-specific death rates. Age-specific death rates are calculated in the same way as age-specific birth rates, but for all age groups and for males as well as females.

Net international migrants during the year prior to the census were estimated from the tables of population abroad by sex, age in five year groups, and year of departure for the Union, urban and rural areas and states and regions as the average of the numbers reported as having left Myanmar during 2010-2013. The five year age group numbers in the tables were interpolated to single years by a method similar to that used for interpolation of the base age-sex distributions.

Internal migration refers to migration between states and regions or between urban and rural areas. For the purpose of projecting the population of states and regions, an inter-state-region migrant is a person who is a conventional household member, whose previous residence was in Myanmar, and whose states/regions of previous residence was not the same as their place of usual residence at the time of the census. From this definition it follows that tabulating inter-state-region migrants by sex, age, and place of current usual residence gives in-migrants to each state and region by age and sex; and that tabulating inter-state-region migrants by sex, age and place of previous residence gives out-migrants from each state by age and sex. Subtracting out-migrants from in-migrants gives net migrants for each age-sex group. Net migrants is positive if in-migrants exceed out-migrants, negative if out-migrants exceed in-migrants.

All projections are made by single year of age and for 1 October of each year beginning with 1 October 2014. For the Union and for urban and rural areas, projected numbers were made through 2050. For states and regions, projections were made through 2031.

The projection calculations were carried out by a suite of R (8) programs developed for the purpose.

3. Crude Birth Rate (CBR)

The number of live births occurring among the population of given geographical area during a given year, per 1,000 mid-year total population of that area during the same year.(CSO)

$$\text{Crude Birth Rate(CBR)} = \frac{\text{Total number of live births}}{\text{Mid-year Population}} \times 1000$$

The number of births to a population during a time period divided by the average population size during the period multiplied by the length of the period. (DOP)

4. Crude Death Rate (CDR)

The number of deaths occurring among the population of given geographical area during a given year, per 1,000 mid-year total population of that area during the same year. (CSO)

$$\text{Crude Death Rate(CDR)} = \frac{\text{Total number of deaths}}{\text{Mid-year Population}} \times 1000$$

The number of deaths in a population during a time period divided by the average population size during the period multiplied by the length of the period. (DOP)

5. Total Fertility Rate (TFR)

Total number of children born or likely to be born to a woman in her life time.(CSO)

$$\text{Total Fertility Rate (TFR)} = \frac{\text{Sum of age specific fertility rate} \times (\text{age interval of women})}{1000}$$

A summary measure of the level of fertility in a population. It is the average number of children per woman that would be observed for the reproductive age span for a birth cohort of women who experience given age-specific fertility rates. When the reproductive age span is taken to be 15-49 year, and birth rates are given for five – year age-groups, total fertility is calculated as five times the sum of the age-specific fertility rates for ages 15-19 through to 45-49.(DOP)

6. Under Five Mortality Rate (U5MR)

The under-five mortality rate is the probability (expressed as a rate per 1,000 live births) of a child born in a specified year dying before reaching the age of five if subject to current age-specific mortality rates. (CSO)

$$\text{Under 5 Mortality Rate (U5MR)} = \frac{\text{Total number of Under 5 deaths}}{\text{Total number of Live births}} \times 1000$$

This is an approximation of the probability of dying before the age of five. It is the number of children who die before reaching five years of age (numerator), divided by the total number of live births in a given one-year period (denominator), multiplied by 1,000.(DOP)

7. Maternal Mortality Ratio (MMR)

The maternal mortality ratio (MMR) is the ratio of the number of maternal deaths during a given time period per 100,000 live births during the same time-period.(CSO)

$$\text{Maternal Mortality Ratio (MMR)} = \frac{\text{Total number of maternal deaths}}{\text{Total number of live births}} \times 100,000$$

The number of maternal deaths divided by the number of live births, multiplied by 100,000.(DOP)

8. Life Expectancy at Birth

The average number of years that a newborn could expect to live if he or she were to pass through life subject to the age-specific mortality rates of a given period .(CSO)

The average number of years that a newborn baby is expected to live if the mortality conditions of the year corresponding to the life table remain constant.(DOP)

9. Percentage of Severe and Moderately Malnourished Children Under 5
Definition

Children whose weight-for-age Z-score is below minus two standard deviations (-2 SD) from the median of the reference population are classified as underweight.

Children whose Z-score is between minus two standard deviations (-2 SD) and minus three standard deviations (-3 SD) from the median are considered moderately underweight.

Children whose Z-score is below minus three standard deviations (-3 SD) from the median are considered severely underweight.

Method of calculation

Weight for age Z-score is calculated based on the child age and body weight in (kg) and the child was classified as moderate or severe underweight using the 2006 WHO growth reference standard.

10. Contraceptive Prevalence Rate (Modern Method)

Percentage of currently married women of childbearing age (15-49) who are using or whose husbands are using any form of modern contraception with the intention of spacing and/or limiting births.

11. Percentage Coverage of Universal Child Immunization

Number of children under 1year of age covered by universal child immunization per 100 under one children in a given year. Universal child immunization programme includes one dose of BCG at birth or 2 months of age, 3 doses of pentavalent Vaccine at the age 2,4,6 months, and one dose of Measles at the age of 9 months for every child.

12. Population per Physician

Number of population per physician is in a given year. Physicians are those in the medical sector trained as health professionals.

13. Population per Nursing Personnel

Number of population per nursing personnel is in a given year. The nursing personnel include all nurses (Lady Health Visitors and Midwives are not included).

14. Population per Hospital Bed

Number of population per hospital bed is in a given year.

15. Government Hospitals**(a) Specialist Hospitals**

Hospitals for specialized diseases such as TB hospital, Orthopedic hospitals, Psychiatric hospital, etc.

(b) General Hospitals with specialist services

General hospitals with specialist facilities and services including teaching hospitals such as Yangon General Hospital, New Yangon General Hospital, North Okkalapa General Hospital, Thingangyun General Hospital, Mandalay General Hospital, Mawlamyine State General Hospital, etc.

(c) 100 to 150 Bedded Hospitals

100 to 150 Bedded Hospitals are District Hospitals.

(d) 25 to 50 Bedded Hospitals

25 to 50 Bedded Hospitals are Township Hospitals.

(e) Station Hospitals

Station Hospitals have 16 beds and are also Sub-township Hospitals.

16. (a) Number of Villages per Rural Health Centre

Average number of villages served by a rural health centre, both in preventive and curative aspects in a given year.

(b) Number of Villages per Rural Health Centre and Sub-centre

Average number of villages served by a rural health facility both in preventive and curative aspects in a given year. The rural health facility includes both main centre (RHC) and sub-centre (Sub-RHC)

17. (a) Traditional Medicine Hospitals

Traditional medicine Hospitals mean the hospitals that provide healthcare services by Traditional Medicine.

Traditional medicine means for the physical well being and longevity of people in accordance with any of the four nayas of traditional medicine namely Desana naya, Bethitsa naya, Netkhata Veda naya and Vissadara naya.

(b) Traditional Medical Practitioners

Traditional Medical Practitioners mean any person, qualified in traditional medicine and registered under the Traditional Medical Council Law.

Method of Calculation for

$$\text{Traditional Medical Practitioners Population Ratio} = \frac{\text{Population}}{\text{Registered Traditional Medical Practitioners}}$$

18. Percentage of RHC which are adequately supplied with Staff, Equipment and Essential Drugs

The RHC which are operated with at least one health staff in the main center and each of the subcenters, and supplied with minimum package of basic essential equipment and essential medicines that are adequate for carrying out basic health services in respective catchment area.

19. Safe Water Supply

In Myanmar many water supply agencies have been involving the provision of safe water both urban and rural areas. Nay Pyi Taw City Development Committee, Yangon City Development Committee and Mandalay City Development Committee are responsible for the provision of safe water to the respective city dwellers. Other townships except under three City Development Committees are performing water supply activities being done by Department of Rural Development (former name is Township Development Affairs). Environmental Sanitation Division under Department of Health has been carrying out only institutional Water Supply such as Rural Health Centers and Sub Centers Water Supply, ESD is getting access to safe drinking water of Myanmar from multiple indicators Cluster Survey (MICS), focal point led by Department of Planning. The following described in MICS 2009 are compiled and expressed.

20. **Percentage of Population Accessible to Proper Sanitation**

Those who are using the septic-tank latrine or fly proof pit latrine can be defined as those accessible to proper sanitation. Therefore, this indicator can be calculated as the number of persons using proper sanitary facilities in an area divided by the total population living in the same area for the given period of time.

21. **Gross Enrollment Ratios by Level (GER)**

Primary Level: Total enrolment in primary education (Grade 1 to Grade 5) regardless of age, expressed as a percentage of the official primary school-age population (aged 5-9) in a given school-year.

Middle School Level: Total enrolment in middle school level (Grade 6 to Grade 9) regardless of age, expressed as a percentage of the official middle school-age population (aged 10-13) in a given school-year.

High School Level: Total enrolment in high school level (Grade 10 to Grade 11) regardless of age, expressed as a percentage of the official high school-age population (aged 14-15) in a given school-year.

Calculation Method

Primary Level; Divide total enrolment in primary level (Grade 1 to Grade 5) by population aged 5-9 and multiply the result by 100.

Middle School Level; Divide total enrolment in middle school level (Grade 6 to Grade 9) by population aged 10-13 and multiply the result by 100.

High School Level; Divide total enrolment in high school level (Grade 10 to Grade 11) by population aged 14-15, and multiply the result by 100.

22. **Net Enrolment Ratio (NER)**

Definition

Primary Level: Enrolment of official school age-group (aged 5-9) in primary education (Grade 1 to Grade 5), expressed as a percentage of the official primary school-age population (aged 5-9) in a given school-year.

Middle School Level: Enrolment of the official school age-group (aged 10-13) in middle school level (Grade 6 to Grade 9), expressed as a percentage of the official middle school-age population (aged 10-13) in a given school-year.

High School Level: Enrolment of the official school age-group (aged 14-15) in high school level (Grade 10 to Grade 11), expressed as a percentage of the official high school-age population (aged 14-15) in a given school-year.

Calculation Method

Primary Level; Divide primary level (Grade 1 to Grade 5) enrolment at aged 5-9 by population aged 5-9 and multiply the result by 100.

Middle School Level; Divide middle school level (Grade 6 to Grade 9) enrolment at aged 10-13 by population aged 10-13 and multiply the result by 100.

High School Level; Divide high school level (Grade 10 to Grade 11) enrolment at aged 14-15 by population aged 14-15 and multiply the result by 100.

23. **Transition Rate from Primary to Middle School level (TR)**

Definition

Number of pupil admitted to the first grade of middle school level (Grade 6) in a given school year, expressed as a percentage of the number of pupils successfully completed the final grade of primary level (Grade 5) in the previous school-year.

Calculation Method

Divided the new entrants to Grade 6 in current school-year by the number of pupils successfully completed Grade 5 in the previous school-year, and multiply the result by 100.

24. **Retention Rates by Level (RR)**

Definition

Retention Rate can be defined as percentage of students who enroll in a school-year that continues to remain in school (education institution) the following years.

The retention rate for a certain level of education (primary, middle, high school level or 9 years basic education) can also be expressed as the percentage of pupils reaching the final grade (Grade 5 for primary, Grade 9 for middle school, Grade 9 for combined primary and middle school education and

Grade 11 for high school) based on the same group (cohort) of pupils who entered the first grade of that level.

Calculation Method

Divided the number of pupils enrolled in the final grade by the number of pupils enrolled in the same pupil-cohort to the first grade at the corresponding year in the past, and multiply the result by 100.

25. (a) Coefficient of Efficiency (Primary Level)

Definition

The coefficient of (internal) efficiency can be defined as ' the ratio of ideal number of pupil-years required (i.e.; in the absence of repetition and dropout) to produce a primary graduate and the actual average number of pupil-years spent to produce a primary graduate. Input-output ratio, which is the reciprocal of the coefficient of efficiency, is often used as an alternative. One school-year spent in a grade by a pupil is counted as one pupil-year.

Calculation Method

Divided the ideal number of pupils- years needed to complete the primary level (5), by the actual average number of pupil-years spent per primary graduate from cohort (divide the total number of year spent by the whole cohort by the total number of graduate from the same cohort), and multiply the result by 100.

(b) Pupil-Teacher Ratio

Definition

Pupil-teacher Ratio is defined as average number of pupils (students) per teacher as a specifics level of education (primary, middle, high school level) in a given school-year.

Calculation Method

Divided the total number of pupils enrolled at the specified level of education by the number of teachers at the same level.

(c) Adult Literacy Rate

Definition

Adult Literacy Rate is defined as the percentage of population aged 15 years and over who can both read and write with understanding a short simple statement on his/her everyday life.

Calculation Method

Divided the number of literate people aged (15+) by the total population of the same age group, and multiply the results by 100.

(d) Completion Rate by Level (CR)

Definition

Primary Level; Total number of successful candidates in the highest grade of primary level (Grade 5) in a school year (t) expressed as a percentage of total enrollment in Grade 1 four years ago (t-4).

Middle School Level; Total number of successful candidates in the highest grade of middle school level (Grade 9) in a school year (t) expressed as a percentage of total enrolment in Grade 6 three years ago (t-3).

High School Level; Total number of successful candidates in the highest grade of high school level (Grade 11) in a school year (t) expressed as a percentage of total enrolment in Grade 10 one year ago (t-1).

Calculation Method

Primary Level; Divided the successful candidates (successfully completed pupils) in Grade 5, the highest grade of primary level in a school-year (t) by the enrolment in Grade 1 in the school-year (t-4), and multiply the result by 100.

Middle School Level; Divided the successful candidates (successfully completed pupils) in Grade 9, the highest grade of middle school level in a school-year (t) by the enrolment in Grade 6 in the school-year (t-3), and multiply the result by 100.

High School Level; Divided the successful candidates (successfully completed pupils) in Grade 11, the highest grade of high school level in a school-year (t) by the enrolment in Grade 10 in the school-year (t-1), and multiply the result by 100.

26. Enrollment in Basic and Monastic Education

Enrollment is the collective term for the number of children who are attending school.

Basic Education Enrollment includes enrollment from public schools, branch schools and affiliated schools, run by the government and community.

Monastic Education Enrollment includes only the enrollment from monastic schools run by the Buddhist Monasteries.

27. Number of Graduates by Specialization

Number of Arts, Science, Medicine, Engineering, Dental Medicine, Education, Economic, etc. graduates who have successfully completed from the Universities and Institutes during the reporting period.

28. Number of Persons Trained in Technical, Agricultural and Vocational Institutions by Skill Level

Number of graduates who have successfully completed from these respective technical, agricultural and vocational institutions (diploma level) and schools, by skill level of trades during the reporting period.

Assessor

Assessor is a person who is assigned to perform successfully skills assessment.

Inspector

Inspector is a person who is assigned to audit and evaluate for the accreditation and renewal of Training Center and Assessment Center and the operation of the accredited Training Center and Assessment Center.

Driving Licence

Driving Licence means a document issued by the Licensing officer to a person certifying the permission to drive a motor vehicle or any specified class or type of a motor vehicle in accordance with the law.

29. Adult Literacy Rate

Adult Literacy Rate is defined as the percentage of population aged 15 years and over who can both read and write with understanding a short simple statement on his/her everyday life.

30. List of foreign scholarship and training

List of foreign scholarship and training refers to those who have gone abroad to study for certificate courses, diploma and undergraduate courses, postgraduate (Master's and PhD) courses and research programme.

31. Percentage of Female Students by Education Level

Number of female students by level is expressed as the percentage of total number of students by respective level during the reporting period.

32. Percentage of Senior Official Positions Held by Women in Public Sector

Number of women senior official in public sector is expressed as a percentage of total number of senior officials in public sector during the reporting period. Senior official positions are defined to be those designations equivalent to deputy director or higher in the public sector.

Women Parliamentary Member percent in National Parliament means women parliamentary member in National Parliament divided by total parliamentary member in National Parliament and multiplied by 100.

Women Percent in Judiciary means women number in judiciary divided by total number in judiciary and multiplied by 100.

Women Percent in local government means women member in local government divided by total number of members in local government and multiplied by 100.

33. Labour force: Persons who are either in employment or in unemployment as defined above constitute labour force. The sum of persons in employment and in unemployment equals the labour force.(DOL)

A general term covering 'employed' and 'unemployed' persons in the population.(DOP)

Employment: Persons in employment are defined as all those of working age who, during a reference period of seven days, were engaged in any activity to produce goods or provide services for pay or profit. They comprise:

- Employed persons "at work", i.e. who worked in a job for at least one hour;

- Employed persons “not at work” due to temporary absence from a job, or to working-time arrangements (such as shift work, flextime and compensatory leave for overtime).
- Helping without pay in a household/ family business(DOL)

Unemployment: Persons in unemployment are defined as all those of working age who were not in employment, carried out activities to seek employment during a specified recent period and were currently available to take up employment given a job opportunity.(DOL)

34. **Labour Force Participation Rate (LFPR)**

The **Labour force participation rate**, LFPR is the ratio between the **labour force** and the overall size of their cohort (national population of the same age range). The **Labour force participation rate** refers to the number of people who are either employed or are actively looking for work.(DOL)

The **Labour force participation rate** is calculated as the labour force divided by the total working-age population. The labour force of a country includes both the employed and the unemployed.

The demographic and social characteristics for example, age, marital status and education are the primary determinants of individual also macro-level labour force participation.(DOL)

The ratio between the labour force and the overall size of the total population of the same age range. This is an important indicator as it measures the proportion of the population that is economically active.(DOP)

35. **Unemployment Rate**

Unemployment rate is expressed as the percentage of unemployed in the Labour Force of working age population.

Since the only unemployment rate is not sufficient, Resolution of 19th International Conference of Labour Statisticians in 2013 also recommended to the indicators: Labour Underutilization together with unemployment rate to describe the need of employment of the State.(DOL)

The percentage of the total labour force that was unemployed but actively seeking employment and willing to work. These are people who were without work, looking for jobs and available for work.(DOP)

Labour Underutilization: It refers to mismatches between labour supply and demand, which translate in to an unmet need for employment among the population. Measures of labour underutilization include, but may not be restricted to:

- (a) **time-related underemployment**, when the working time of persons in employment is insufficient in relation to alternative employment situations in which they are willing and available to engage;
- (b) **unemployment**, reflecting an active job search by persons not in employment who are available for this form of work;
- (c) **potential labour force**, referring to persons not in employment who express an interest in this form of work but for whom existing conditions limit their active job search and/or their availability.

36. **Labour Force by Education Level**

Usually, education level of the labour force (both employed and unemployed) is defined by one of the following two types:

- | | |
|---|--|
| <p>(i) Complete List</p> <ol style="list-style-type: none"> 1. No Education 2. Standard 1-4 3. Standard 5-8 4. Standard 9-10 5. Monastic Education 6. Under Graduate 7. Diploma 8. Graduate 9. Post Graduate 10. Certificate 11. Others | <p>(ii) Condensed List</p> <ol style="list-style-type: none"> 1. Illiterate 2. Literate, no formal Education 3. Primary 4. Secondary (middle & high) 5. Higher |
|---|--|

37. **Employed Population by Industry and Occupation Group**

The type of economic activity that an employed person performs can be looked at from the point of view of:

- (a) the industry or the activity of the establishment in which an economically active person works during the time reference period;
- (b) the occupation or the kind of work done during the time reference period, and
- (c) the status as employee, owns account worker or unpaid family worker.

The employed population is primarily distributed by the following major industrial groupings (ISIC Revision 4):

1. Agriculture, Forestry & Fishing
2. Mining and Quarrying
3. Manufacturing
4. Electricity, Gas, Steam and air conditioning supply
5. Water supply and other
6. Construction
7. Wholesale and Retail Trade; Repair of motor vehicles and motorcycles
8. Transportation and Storage
9. Accommodation and food service activities
10. Information and communications
11. Financial and insurance activities
12. Real estate activities
13. Professional, technical
14. Administrative and support service activities
15. Public administration and defense
16. Education
17. Human health and social work activities
18. Arts, Entertainment and Recreation
19. Other service activities
20. Activities of households as employers
21. Activities of extraterritorial

They were further regrouped into three broad industrial sectors, viz., primary, secondary and tertiary. Each of these sectors was made up of the following industries –

Sector	Major Groupings
1. Primary	Agriculture, Hunting, Forestry & Fishing.
2. Secondary	Mining & Quarrying, Manufacturing, Construction.
3. Tertiary	Electricity, Gas, Water, Sanitary Services, Wholesale, Retail Trade, Restaurants and Hotels, Transport, Storage and Communication, Social Services, Activities not adequately defined.

The major groups of occupational classification (ISCO 2008) usually used in Myanmar are:

1. Managers
2. Professionals
3. Technicians and associate professionals
4. Clerical support workers
5. Service and sales workers
6. Skilled agricultural, forestry and fishery workers
7. Craft and related trades workers
8. Plant and machine operators, and assemblers
9. Elementary occupations
10. Armed forces occupation

38. **Employed Population by Employment Status**

The employed population can be classified by their status at work as follows:

1. Employer

2. Own account worker
3. Employee (Private / Cooperative / Government)
4. Unpaid family worker
5. Other.

Employee: A person who performs work for somebody else in return for payment in cash or in kind. Included in this group are wage/salary-earners, paid apprentices/interns, casual workers, persons who are working on a piece rate, etc.

Employer: (His/her own business with employees): Persons who run business on their own or with one or more partners, including a farm, etc. and who hire paid employees on regular basis while doing so, are considered to be employers.

Own account worker: This refers to a self-employed person who does not hire paid employees on a regular basis. Own account workers may work on their own, or with one or more partners, and engage unpaid family workers to run a business or farm, etc. A person working for commission should also be categorized as an own account worker. If more than one member of a household is in the same business or farm on equal terms they have been identified as co-operator of a household/ family business in the survey.

Helping without pay in a household/ family business: Persons who work without receiving a wage or a salary in a market-oriented establishment / farm operated by a related person (usually a person living in the same household). Such persons cannot be regarded as a business partner.

39. Establishments and their Growth by Ownership

Factories, enterprises and industrial establishments with at least 5 workers are included in this category. The total number of establishments and their relative growth over the previous years by type of ownership (private, cooperative and government) can be used as a rough indicator for industrialization and development towards the market-oriented economic system.

(A) The definition of SME:

- (1) **The Small Enterprise** means the following enterprises in which the value of the land is not included in the capital investment-
 - (a) The enterprise, if it mainly operates manufacturing business, in which number of employees shall not exceed than 50 as permanent of capital investment shall not exceed 500 million kyats;
 - (b) The enterprise, if it is labour intensive or mainly operates piecework business, in which number of employees shall not exceed 300 as permanent or capital investment shall not exceed 500 million kyats;
 - (c) The enterprise, if it mainly operates wholesale business, in which number of employees shall not exceed 30 as permanent or annual income of the previous year shall not exceed 100 million kyats;
 - (d) The enterprise, if it mainly operates retail business, in which number of employees shall not exceed 30 as permanent or annual income of the previous year shall not exceed 50 million kyats;
 - (e) The enterprise, if it mainly operates service business, in which number of employees shall not exceed 30 as permanent or annual income of the previous year shall not exceed 100 million kyats;
 - (f) The enterprise, if it is any other business other than in the above sub-sections (1), (2), (3), (4) and (5), in which number of employees shall not exceed 30 as permanent or annual income of the previous year shall not exceed 50 million kyats;
- (2) **The Medium Enterprise** means the following enterprises in which the value of the land is not included in the capital investment-
 - (a) The enterprise, if it mainly operates manufacturing business, in which number of employees shall not exceed 300 as permanent or capital investment shall not exceed 500 million kyats to 1,000 million kyats;
 - (b) The enterprise, if it is labour intensive or mainly operates piecework business, in which number of employees shall not exceed 600 as permanent or capital investment shall not exceed 500 million to 1,000 million kyats;

- (c) The enterprise, if it mainly operate wholesale business, in which number of employees shall not exceed 60 as permanent or annual income of the previous year shall not exceed 100 million to 300 million kyats;
- (d) The enterprise, if it mainly operates retail business, in which number of employees shall not exceed 60 as permanent or annual income of the previous year shall not exceed 50 million to 100 million kyats;
- (e) The enterprise, if mainly operates service business, in which number of employees shall not exceed 100 as permanent or annual income of the previous year shall not exceed 100 million kyats to 200 million kyats;
- (f) The enterprise, if it is any other business other than in the above sub-sections (1), (2), (3), (4) and (5), in which number of employees shall not exceed 60 as permanent or annual income of the previous year shall not exceed 50 million kyats to 100 million kyats;

(B) The definition of Private Industrial Enterprise:

Private Industrial Enterprise means the Conducting of an industrial enterprise either individually or in partnership or by forming a company. This expression does not include industrial enterprise conducted in joint venture with the Government; The Registered Private Industrial Enterprise means the enterprise using any type of power which is five horsepower and above or manpower of ten wage-earning workers and above and registered at the directorate of Industrial Supervision and Inspection.

40. Coverage of Social Security Scheme for Registered Employed Persons

Employers of establishments which employing 5 or more workers in establishments covered by Social Security Scheme and operating in the prescribed areas, have the obligation to insure their workers under the Social Security Scheme.

The Scheme shall support the medicine and cash benefits to the insured workers in place of employers in such cases as sickness, maternity, sustaining injury from work accidents and death.

(a) Contribution

Employers and Employees are liable to pay monthly contribution of three percent and two percent of the insured wages respectively for the implementing two insurance systems under the law have entitle the following benefits.

(b) Benefits

Benefits provided for insured workers are:

Medical Care: In case of sickness; maternity and work injury

Cash Benefits: Sickness Benefit; Maternity Benefit; Funeral Expenses, Temporary Disability Benefit; Permanent Disability Benefit and Survivors' Benefit.

Method of Calculation

This is the statistic total of the insured establishments and workers from the establishments covered by Social Security Scheme, hospital and clinics **at the last date of every fiscal year.**

41. Real GDP and Growth Rate of GDP

Gross Domestic Product (GDP) is the total value of all final goods and services produced in an economy during a year. Real GDP is the value of all final goods and services at constant producer's prices.

Growth rate of GDP is the growth of the real GDP of an economy over time.

42. Real GDP per Capita

Real GDP per Capita is real GDP per person. It is computed by dividing total real GDP by total population for a given year.

43. Food Availability per Head

The amount of food (rice, edible oil, meat, fish, beans and pulses, etc.) is available in the country per person.

44. Investment, Exports and Imports

Total Investment is including public, cooperative and private sector investment.

Exports (value) are the value of goods sent to another country.

Imports (value) are the value of goods brought into the country.

45. Public Expenditure by Ministries

Total expenditure incurred by the government for the development of the country which includes both current and capital expenditure and usually expressed by Ministries.

46. Consumer Price Index

The Consumer Price Index measures the average change in the retail prices of goods and services purchased and consumed by the households. The weights are based on 2012 Household Income and Expenditure Survey (HIES) conducted by the Central Statistical Organization.

According to Classification of Individual Consumption According to Purpose (COICOP) Classification, weights and composition are grouped into twelve major categories and goods and services in 2012 base. For computing, the respective CPI groups are selected on the basis of their importance and representativeness. The computation of 2012 base CPI is based on 274 commodities which are commonly used by most of the households.

47. Gross Area Sown

Gross area sown is the total area cultivated during the year, including areas under multiple cropping.

Cultivated Land per Head

Cultivated land or sown area is the area, which is actually planted during the agricultural year. On the other hand, cultivated land can also be expressed as the sum of area under temporary crops and area under permanent crops.

Area under temporary crops includes all land used for crops with a growing cycle of under one year, which needs to be newly sown or planted for further production after harvest.

Land under permanent crops is the land cultivated with crops which occupy it for a long period of time and which do not have to be planted for several years after each harvest.

The cultivated land per head is the amount of land available for each and every person in the country.

48. Land Use (Net Sown Area)

Net sown area is the net physical area actually used in growing crops during an agricultural year.

Land Use/Land Cover ('000 acres)

Forest refers to land spanning more than 0.5 hectares with trees higher than 5 meters and a canopy cover of more than 10 percent, or trees able to reach these thresholds in situ. It does not include and that is predominantly under agricultural or urban land use.

Other wooded land refers to land not classified as "Forest", spanning more than 0.5 hectares; with trees higher than 5 meters and a canopy cover of 5-10 percent, or trees able to reach these thresholds in situ; or with a combined cover of shrubs, bushes and trees above 10 percent. It does not include land that is predominantly under agricultural or urban land use.

Reserved Forest means land constituted as a reserved forest under Forest Law. Protected Public Forest means land declared to be protected public forest under Forest Law.

Protected Area means a geographically defined area which is designed or regulated and managed to achieve specific conservation objectives under the Protection of Wildlife and Protected Areas Law.

49. Number of Motor Vehicles per 1,000 Population

Number of Motor Vehicles (Total) means total number of registered vehicles such as passenger cars, Trucks (Light Duty and Heavy Duty), Buses, Special Purpose Vehicles (Ambulance, Firefighter, Hearse, etc.), Two- Wheelers, Three Wheelers, Farm- trucks, Machinery and Trailers.

Number of Motorcars means total number of registered cars such as passenger cars Trucks (Light Duty and Heavy Duty), Buses and Special Purpose Vehicles (Ambulance, Firefighter, Hearse, etc.).

Number of Two-wheelers means total number of registered moped-cycles, scooters, electric two-wheelers, mechanized bicycles and motorcycles.

50. Monthly Household Expenditure of Energy Consumption (Kyat)

Energy consumption is considered both lighting and cooking need for households. In rural still have a barrier to accessing electricity, so the use of fuel such as firewood, charcoal, diesel and kerosene are highly demand for cooking. Most of households are increasingly relying on solar energy for lighting, and depend heavily on firewood and other biomass for cooking needs.

Electronic power is classified into three categories; public grid, border grid and community grid. Monthly household expenditure of energy consumption combines monthly use of energy expenses on both electronic powers, fuels and clean fuels. Household expenditure of energy consumption excludes diesel and kerosene for their own transportations.

51. Railway Traffic Passenger Miles

One passenger-mile is a mile a passenger is carried. Passenger-kilometers can then be computed by multiplying passenger-miles by 1.6.

Construction of Rural Farm Roads and Bridges

Agribusiness development and competitive value chains rely on efficient markets and logistic infrastructure. Farm roads are the first step in linking farmers to markets. Construction of farm roads contributes improved access to areas outside the villages to collection center, reduce damage to perishable crops during transport and reduce the time burden. Thus, starting from 2018-2019 (Mini Budget) for fiscal year, DRD is undertaking the construction of farm roads in rural area.

- 52. (a) Railway Traffic Cargo-Ton Miles:** One cargo (freight) ton-mile is a ton of goods carried over distance of one-mile. Freight cargo-ton-kilometers can be computed by multiplying cargo-miles by 1.6.

(b) Route Miles: Length of Rail miles from one station to another station.

(c) Track Miles: Total length of Rail miles from one station to another station including station yard line, examination pit line and Goods line.

53. Number of Telephones and Telephones per 1,000 Inhabitants

Inhabitants Number of telephone lines subscribed.

54. Postal services

Postal service means any type of service ensuring collection, processing, transportation, sorting and delivery of postal items.

55. Daily Newspaper: Number of Circulation

Total number of daily newspapers circulated in a day.

56. Other Mass Media**(a) Library**

The Information and Public Relations Libraries are opened in every district and townships across the country which provide free of charge library services to the general public.

(b) Registration Free Library

Management Committee for Library and Exhibition which is chaired by Director General of IPRD was formed in accordance with the 1964 Library and Exhibition Management Law. According to this Law Registration Free Library is permitted with some guidelines set by concerning Library Committee.

(c) Reader

Readers are the sum of visitors who read, listen and watch in IPRD libraries. Daily Readers Records are kept in all IPRD offices.

(d) Self- Reliance Library

Self-Reliance Library is a kind of library which is established by local people for the purposes of reading by themselves and for disseminating knowledge among local communities.

(e) TV Retransmitting Station

TV Retransmitting Stations are those that receive main programme from Head Office via Satellite Link and then re-transmit it to the local populace.

(f) Radio Retransmitting Stations (FM)

The Stations those retransmit the MRTV Radio Programmes in the FM Band, the programme is fed via satellite.

(g) J.V FM Radio (Station)

The Stations those retransmit the Radio Programmes of Private Entertainment Companies in the FM Band, the programme is fed via satellite, for programme production and transmission works, some facilities, studios and equipment of MRTV are shared to the Companies.

(h) J.V FM Radio (Company)

The Companies those produce the privates Radio Program and transmit the programme in the FM Band, for programme production and transmission works, some facilities, studios and equipment of MRTV are shared to the Companies.

(i) e-Learning Centres

The electronic learning centres installed in some Universities, Colleges and High Schools to learn educational programmes especially the University of Distance Education Programmes, the programmes fed via satellite programme production is conducted in the studio of UDE but programme transmission via satellite is conducted by MRTV.

(j) Sub Printing House (Remote Newspaper Printing Presses)

The printing presses those prints and publishes the state-run newspapers, the news contents are fed via satellite using MRTV's up- linking facilities.

57. Social Welfare Establishments**58. Myanmar Maternal and Child Welfare Association****59. Number (Percentage) of Villages with School, Clinic and Electrified Villages**

Proportion of villages with basic education facilities, health care facilities and electrified villages (on national grid and off grid).

Method of Calculation

Unit Consumed (in million) = Departmental use + Net Production (Net Sale)

$$20,044.35 = 204.80 + 19,839.55$$

60. Crime Rate

Crime Rate means total number of crimes convicted divided by population and multiplied by 100,000. It indicates crime per hundred thousand of population.

$$\text{Crime Rate} = \left(\frac{\text{Total No. of Crime}}{\text{Population}} \right) \times 100,000$$

61. Single Leading Causes of Morbidity for Union (Percentage)**62. Single Leading Causes of Mortality for Union (Percentage)**

Note: Acronyms for data sources are presented in *Italics* below:-

(1)	CSO	=	<i>Central Statistical Organization</i>
(2)	CSSTD	=	<i>Civil Service Selection and Training Department</i>
(3)	DAE	=	<i>Department of Alternative Education</i>
(4)	DATR	=	<i>Department of Administration Training and Research</i>
(5)	DALMS	=	<i>Department of Agricultural Land Management and Statistics</i>
(6)	DEPP	=	<i>Department of Electric Power Planning</i>
(7)	DERPT	=	<i>Department of Education Research, Planning and Training</i>
(8)	DET	=	<i>Department of Education and Training</i>
(9)	DHE	=	<i>Department of Higher Education</i>
(10)	DHRH	=	<i>Department of Human Resources for Health</i>
(11)	DIC	=	<i>Directorate of Industrial Collaboration</i>
(12)	DISI	=	<i>Directorate of Industrial Supervision and Inspection</i>
(13)	DMA	=	<i>Department of Marine Administration</i>
(14)	DOB	=	<i>Department of Bridge</i>
(15)	DOC	=	<i>Department of Cooperative</i>
(16)	DOH	=	<i>Department of Highways</i>
(17)	DOHT	=	<i>Directorate of Hotels and Tourism</i>
(18)	DOL	=	<i>Department of Labour</i>
(19)	DOMS	=	<i>Department of Medical Services</i>
(20)	DOP	=	<i>Department of Population</i>
(21)	DOP	=	<i>Department of Planning</i>
(22)	DOPH	=	<i>Department of Public Health</i>
(23)	DOR	=	<i>Department of Rehabilitation</i>
(24)	DPPS	=	<i>Department for the Promotion and Propagation of the Sasana</i>
(25)	DRD	=	<i>Department of Rural Development</i>
(26)	DRRD	=	<i>Department of Rural Road Development</i>
(27)	DSW	=	<i>Department of Social Welfare</i>
(28)	DTM	=	<i>Department of Traditional Medicine</i>
(29)	DTVET	=	<i>Department of Technical and Vocational Education and Training</i>
(30)	FAD	=	<i>Fine Arts Department</i>
(31)	FD	=	<i>Forest Department</i>
(32)	GAD	=	<i>General Administration Department</i>
(33)	(a)IPRD	=	<i>Information & Public Relation Department</i>
	(b)MPDB	=	<i>Motion Picture Development Branch</i>
(34)	MMCWA	=	<i>Myanmar Maternal and Child Welfare Association</i>
(35)	MMMC	=	<i>Myanmar Mercantile Marine College</i>
(36)	MMU	=	<i>Myanmar Marine University</i>
(37)	MPF	=	<i>Myanmar Police Force</i>
(38)	MR	=	<i>Myanmar Railways</i>
(39)	MRTV	=	<i>Myanmar Radio and Television</i>
(40)	NPE	=	<i>News and Periodicals Enterprise</i>
(41)	PD	=	<i>Planning Department</i>
(42)	PTD	=	<i>Posts and Telecommunications Department</i>
(43)	RTAD	=	<i>Road Transport Administration Department</i>
(44)	SSB	=	<i>Social Security Board</i>

- (45) S-SID = *Small Scale Industry Department*
(46) UVS = *University of Veterinary Science*
(47) UMFCCI = *Union of Myanmar Federation of Chambers of Commerce and Industry*