



**The Republic of the Union of Myanmar**

**Ministry of Labour**

**Department of Labour**

# **HANDBOOK ON HUMAN RESOURCES DEVELOPMENT INDICATORS 2021-2023**

**MARCH 2024**

**Nay Pyi Taw**

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



**HANDBOOK ON**  
**HUMAN RESOURCES DEVELOPMENT INDICATORS**  
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# The Republic of the Union of Myanmar





## **FOREWARD**

This “Users’ Handbook on Human Resources Development Indicators” is the twenty-third issue published by the Department of Labour, under the Ministry of Labour.

In accordance with the recommendations provided by the relevant departments, organizations, and committees pertaining to indicators at the Users’ Workshop, this handbook is published for combination of two fiscal years as “Users’ Handbook on Human Resources Development Indicators (2021-2023)”. The Manpower Division of the Department of Labour requested, compiled, and validated the data from relevant ministries, departments, and other organizations through two consultative meetings.

Although this handbook is intended for quick reference on human development status of the country for its users, the contents of the handbook have focused on essential Human Resources Development Indicators in a compact mode.

I would like to express my sincere gratitude to the officials from relevant departments, organizations, and committees for their kind support in the compilation of reliable indicators, in a timely manner.

I would also like to urge the departments, organizations, and committees pertaining to human resources development indicators for their continued support in publishing this handbook, in a regular and sustainable manner, for years to come.

Director General  
Department of Labour



# **HUMAN RESOURCES DEVELOPMENT INDICATORS, 2021-2023**

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## ACRONYMS FOR DATA SOURCES

(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)	DAST	<i>Department of Advanced Science Technology</i>
(5)	DALMS	<i>Department of Agricultural Land Management and Statistics</i>
(6)	DBE	<i>Department of Basic Education</i>
(7)	DEPP	<i>Department of Electric Power Planning</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)	DHT	<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(MOALI)	<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)	DTE	<i>Department of Teacher Education</i>
(29)	DTM	<i>Department of Traditional Medicine</i>
(30)	DTVET	<i>Department of Technical and Vocational Education and Training</i>
(31)	EHHC	<i>Education, Health and Human Resource Development Committee</i>
(32)	FAD	<i>Fine Arts Department</i>
(33)	FD	<i>Forest Department</i>
(34)	GAD	<i>General Administration Department</i>
(35)	IPRD	<i>Information &amp; Public Relation Department</i>
(36)	MMCWA	<i>Myanmar Maternal and Child Welfare Association</i>
(37)	MMMC	<i>Myanmar Mercantile Marine College</i>
(38)	MMU	<i>Myanmar Marine University</i>
(39)	MOH	<i>Ministry of Health</i>
(40)	MPF	<i>Myanmar Police Force</i>
(41)	MR	<i>Myanmar Railways</i>
(42)	MRTV	<i>Myanma Radio and Television</i>
(43)	NPE	<i>News and Periodicals Enterprise</i>
(44)	PD	<i>Planning Department</i>
(45)	PTD	<i>Posts and Telecommunications Department</i>
(46)	RTAD	<i>Road Transport Administration Department</i>
(47)	SSB	<i>Social Security Board</i>
(48)	SSID	<i>Small Scale Industries Department</i>
(49)	TDT-OAG	<i>Technology Development and Training Department</i>
(50)	UFES	<i>University of Forestry and Environmental Sceince</i>
(51)	UMFCCI	<i>Union of Myanmar Federation of Chambers of Commerce and Industry</i>
(52)	UVS	<i>University of Veterinary Science</i>

## **NAMES OF INDICATORS**

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)
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## CHAPTER 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 1.1.

**Table 1.1 Population and Growth Rate (As of 1<sup>st</sup> October)**

(Indicator No.1)

(in million)

Year	Male	Female	Total	Growth Rate (%)
2021 <sup>*</sup>	26.46	28.84	55.30	0.86
2022 <sup>*</sup>	26.66	29.11	55.77	0.84

Source: \* Projected population as of 1<sup>st</sup> October (Census Report volume 4-F) DOP

Geographically, The Republic of the Union of Myanmar is divided into Nay Pyi Taw, 7 Regions and 7 States. Numbers of Districts, Townships, Towns, Wards, Village-tracts and Villages by Nay Pyi Taw, Regions and States are presented in Table 1.2.

**Table 1.2 Total List of Districts, Townships, Towns, Wards, Village-tracts and Villages in  
Nay Pyi Taw, Regions and States(2023)**

Nay Pyi Taw / Region/ State	Self Admin- istrative Division	Self Admin- istrative Zone	District	Township	Town	Ward	Village- tract	Village
Kachin			6	18	33	178	587	2,507
Kayah			4	7	11	56	74	506
Kayin			6	7	18	86	376	2,097
Chin			6	9	20	72	463	1,342
Sagaing		1	13	37	50	272	1,759	5,994
Tanintharyi			4	10	18	90	270	1,255
Bago			6	28	52	328	1,417	6,500
Magway			7	25	33	202	1,538	4,790
Mandalay			11	28	30	282	1,414	4,799
Mon			4	10	17	106	368	1,143
Rakhine			7	17	28	196	1,036	3,701
Yangon			14	45	21	743	621	2,143
Shan	1	4	21	55	87	518	1,560	13,783
Ayeyawady			8	26	45	302	1,920	11,860
Nay Pyi Taw			4	8	8	58	187	797
<b>Total</b>	<b>1</b>	<b>5</b>	<b>121</b>	<b>330</b>	<b>471</b>	<b>3,489</b>	<b>13,590</b>	<b>63,217</b>

Source: GAD

**Table 1.3 Population, Area, Density and Mean Household Size by Nay Pyi Taw, Regions and States, (2022)**

<b>Nay Pyi Taw/ Region/ State</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Area (Sq-km)</b>	<b>Density (per sq-km)</b>	<b>Mean Household Size**</b>
Kachin	1,042,709	961,957	2,004,666	89,042	23.0	5.2
Kayah	170,604	173,485	344,089	11,732	29.0	4.7
Kayin	794,192	840,957	1,635,149	30,383	54.0	4.8
Chin	255,163	280,814	535,977	36,019	15.0	5.5
Sagaing	2,673,107	3,010,889	5,683,996	93,702	61.0	4.9
Tanintharyi	754,192	770,164	1,524,356	43,345	35.0	5.0
Bago	2,345,267	2,620,501	4,965,768	39,404	126.0	4.2
Magway	1,788,679	2,133,384	3,922,063	44,821	88.0	4.3
Mandalay	3,142,599	3,542,201	6,684,800	30,888	216.0	4.5
Mon	917,950	1,041,486	1,959,436	12,297	159.0	4.7
Rakhine	1,602,959	1,779,138	3,382,097	36,778	92.0	5.0
Yangon	4,175,964	4,677,277	8,853,241	10,277	861.0	4.6
Shan	3,320,272	3,352,499	6,672,771	155,801	43.0	4.8
Ayeyarwady	3,029,530	3,230,814	6,260,344	35,032	179.0	4.2
Nay Pyi Taw	648,184	693,295	1,341,479	7,057	190.0	4.4
<b>Total</b>	<b>26,661,371</b>	<b>29,108,861</b>	<b>55,770,232</b>	<b>676,578</b>	<b>82.0</b>	<b>4.6</b>

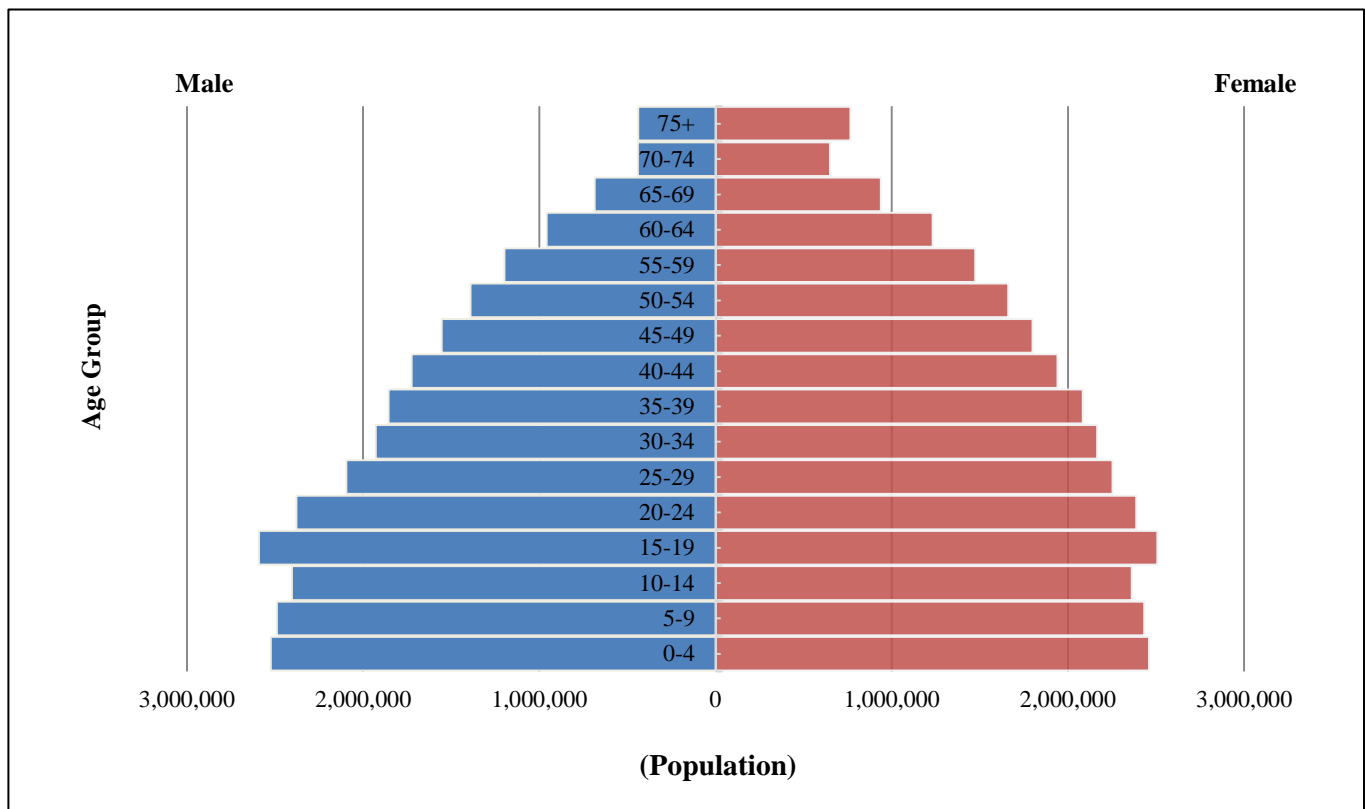
Source: \*\* The 2019 Inter-censal Survey Appendix Tables

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

**Table 1.4 Population Distribution and Sex Ratio by Age group and Sex, (2022)**

<b>Age Group</b>	<b>Population (number)</b>			<b>Distribution (%)</b>			<b>Sex Ratio</b>
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	
0-4	2,524,784	2,459,755	4,984,539	4.5	4.4	8.9	102.6
5-9	2,488,964	2,432,792	4,921,756	4.5	4.4	8.9	102.3
10-14	2,404,344	2,361,782	4,766,126	4.3	4.2	8.5	101.8
15-19	2,591,534	2,506,344	5,097,878	4.6	4.5	9.1	103.4
20-24	2,378,668	2,387,677	4,766,345	4.3	4.3	8.6	99.6
25-29	2,095,922	2,252,087	4,348,009	3.8	4.0	7.8	93.1
30-34	1,928,013	2,166,434	4,094,447	3.5	3.9	7.4	89.0
35-39	1,856,298	2,084,484	3,940,782	3.3	3.7	7.0	89.1
40-44	1,724,776	1,940,614	3,665,390	3.1	3.5	6.6	88.9
45-49	1,554,596	1,798,107	3,352,703	2.8	3.2	6.0	86.5
50-54	1,391,215	1,661,181	3,052,396	2.5	3.0	5.5	83.7
55-59	1,198,300	1,473,972	2,672,272	2.1	2.6	4.7	81.3
60-64	958,738	1,232,615	2,191,353	1.7	2.2	3.9	77.8
65-69	685,268	937,389	1,622,657	1.2	1.7	2.9	73.1
70-74	441,309	649,059	1,090,368	0.8	1.2	2.0	68.0
75+	438,642	764,569	1,203,211	0.8	1.4	2.2	57.4
<b>Total</b>	<b>26,661,371</b>	<b>29,108,861</b>	<b>55,770,232</b>	<b>47.8</b>	<b>52.2</b>	<b>100.0</b>	<b>91.6</b>

Source :Projected population as of 1<sup>st</sup> October

**Chart 1.1 POPULATION PYRAMID BY SEX AND AGE GROUP (2022)****Table 1.5 Dependency Ratio**

(Indicator No. 2)

Indicator		17/18	Mini Budget	18/19*	19/20#	20/21*	21/22*	22/23*
Dependency Ratio	<b>Total</b>	<b>51.6</b>		<b>51.2</b>	<b>50.6</b>	<b>50.4</b>	<b>50.1</b>	<b>50.0</b>
	Old-age DR (65+)	9.2		9.4	9.7	9.9	10.2	10.5
	Young DR (0-14)	42.4		41.8	40.9	40.5	39.9	39.5
Dependency Ratio	<b>Total</b>	<b>59.9</b>		<b>59.6</b>	<b>59.4</b>	<b>59.3</b>	<b>59.3</b>	<b>59.4</b>
	Old-age DR (60+)	15.2		15.5	16.1	16.4	16.9	17.5
	Young DR (0-14)	44.7		44.1	43.3	42.9	42.4	41.9
<i>(DOP)</i>								

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

# 2019 Inter-censal Survey, (DOP)

## CHAPTER 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 2.1 and Chart 2.2. 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 2.1 Selected Vital Indicators**  
(Indicator No. 3,4& 7)

Indicator		17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
Crude Birth Rate-CBR <sup>*</sup> (per 1,000 population) (CSO)	<b>Union</b>	<b>19.9<sup>#</sup></b>		<b>19.7<sup>#</sup></b>	<b>19.5<sup>#</sup></b>	<b>19.3<sup>#</sup></b>	<b>17.8<sup>#</sup></b>	<b>17.7(p)<sup>#</sup></b>
	Rural	21.2 <sup>#</sup>		20.9 <sup>#</sup>	20.6 <sup>#</sup>	20.2 <sup>#</sup>	18.7 <sup>#</sup>	18.6(p) <sup>#</sup>
	Urban	16.9 <sup>#</sup>		16.9 <sup>#</sup>	17.0 <sup>#</sup>	16.9 <sup>#</sup>	15.8 <sup>#</sup>	15.7(p) <sup>#</sup>
Crude Birth Rate-CBR (per 1,000 population) (DOP)	<b>Union</b>	<b>19.8<sup>@</sup></b>		<b>19.5<sup>\$</sup></b>	<b>19.3<sup>&amp;</sup></b>	<b>19.1<sup>\$</sup></b>	<b>18.9<sup>\$</sup></b>	<b>18.7<sup>\$</sup></b>
	Rural	21.0 <sup>@</sup>		20.6 <sup>\$</sup>	16.9 <sup>&amp;</sup>	20.0 <sup>\$</sup>	19.7 <sup>\$</sup>	19.5 <sup>\$</sup>
	Urban	16.9 <sup>@</sup>		17.0 <sup>\$</sup>	20.3 <sup>&amp;</sup>	16.9 <sup>\$</sup>	16.9 <sup>\$</sup>	16.8 <sup>\$</sup>
Crude Death Rate-CDR <sup>*</sup> (per 1,000 population) (CSO)	<b>Union</b>	<b>8.9<sup>#</sup></b>		<b>8.7<sup>#</sup></b>	<b>8.6<sup>#</sup></b>	<b>8.5<sup>#</sup></b>	<b>9.0<sup>#</sup></b>	<b>8.9(p)<sup>#</sup></b>
	Rural	8.8 <sup>#</sup>		8.6 <sup>#</sup>	8.5 <sup>#</sup>	8.4 <sup>#</sup>	8.9 <sup>#</sup>	8.8(p) <sup>#</sup>
	Urban	9.1 <sup>#</sup>		9.0 <sup>#</sup>	8.8 <sup>#</sup>	8.7 <sup>#</sup>	9.2 <sup>#</sup>	9.1(p) <sup>#</sup>
Crude Death Rate-CDR (per 1,000 population) (DOP)	<b>Union</b>	<b>8.8<sup>@</sup></b>		<b>8.6<sup>\$</sup></b>	<b>8.5<sup>&amp;</sup></b>	<b>8.4<sup>\$</sup></b>	<b>8.4<sup>\$</sup></b>	<b>8.3<sup>\$</sup></b>
	Rural	8.7 <sup>@</sup>		8.5 <sup>\$</sup>	8.7 <sup>&amp;</sup>	8.4 <sup>\$</sup>	8.3 <sup>\$</sup>	8.2 <sup>\$</sup>
	Urban	9.0 <sup>@</sup>		8.8 <sup>\$</sup>	8.4 <sup>&amp;</sup>	8.6 <sup>\$</sup>	8.6 <sup>\$</sup>	8.5 <sup>\$</sup>
Maternal Mortality Ratio- MMR <sup>*</sup> (per 100,000 live birth) (CSO)	<b>Union</b>	<b>202<sup>#</sup></b>		<b>208<sup>#</sup></b>	<b>206<sup>#</sup></b>	<b>204<sup>#</sup></b>	<b>223<sup>#</sup></b>	
Maternal Mortality Ratio- MMR (per 100,000 live birth) (DOP)	<b>Union</b>	<b>NA</b>		<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
	Rural	NA		NA	NA	NA	NA	NA
	Urban	NA		NA	NA	NA	NA	NA

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

Source: \* These figures represent calendar year. Civil Registration and Vital Statistics (CRVS) System (CSO)

@ The 2014 Myanmar Population and Housing Census(DOP)

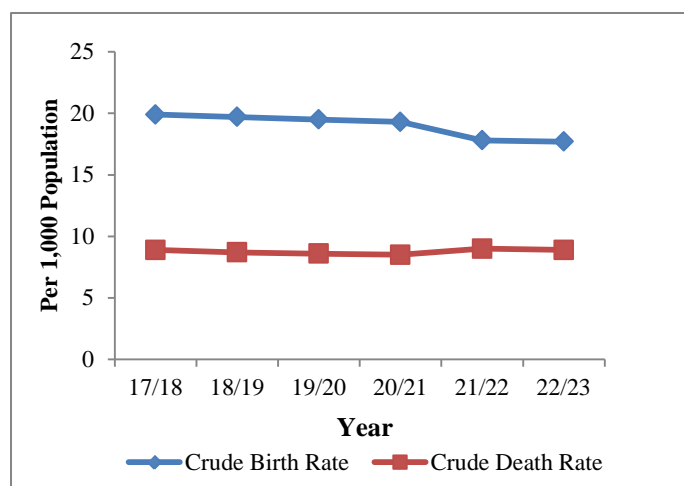
\$ Thematic report on population projections for the Union of Myanmar, States/ Regions, Rural and Urban areas, 2014-2050 (DOP)

& 2019 Inter-censal survey, (DOP)

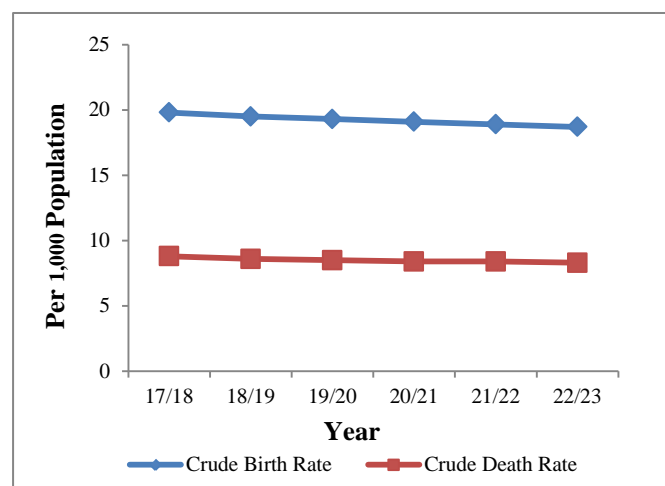
NA = Not Available

p = provisional data

**Chart 2.1 Crude Birth & Crude Death Rates (CSO)**



**Chart 2.2 Crude Birth & Crude Death Rates (DOP)**



### CHAPTER 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 Rural Development (DRD). 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 3.1 shows selected indicators with reference year.

**Table 3.1 Health and Nutrition Indicators**  
(Indicator No. 9,10, 11, 16, 19 & 20)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Percentage of Severe and Moderately Malnourished Children Under 5</b>							
Moderately Underweight (%) <sup>*</sup>	15.2 <sup>#</sup>		15.7 <sup>@</sup>	2.0 <sup>\$</sup>	1.9 <sup>\$</sup>	1.37 <sup>&amp;</sup>	1.16 <sup>&amp;</sup>
Severe Underweight (%) <sup>*</sup>	3.7 <sup>#</sup>		3.4 <sup>@</sup>	0.2 <sup>\$</sup>	0.2 <sup>\$</sup>	0.13 <sup>&amp;</sup>	0.11 <sup>&amp;</sup>
(DOPH)							
<b>Contraceptive Prevalence Rate among eligible couples*(Modern Method) (%)</b>							
Union	67.2 <sup>¢</sup>		69.3 <sup>¢</sup>	71.1 <sup>¢</sup>	72.2(p) <sup>π</sup>	NA	NA
(DOPH)							
<b>Percentage coverage of Pentavalent Vaccine (3<sup>rd</sup>Dose) (%)</b>							
Union	90.2 <sup>¢</sup>		92.1 <sup>¢</sup>	90.9 <sup>¢</sup>	84 <sup>μ</sup>	19.8 <sup>μ</sup>	66.9 <sup>μ</sup>
(DOPH)							
- Number of Villages per Rural Health Center <sup>*</sup>	36 <sup>**</sup>		31 <sup>**</sup>	34 <sup>**</sup>	33 <sup>**</sup>	33 <sup>**</sup>	33 <sup>**</sup>
- Number of Villages per Rural Health Centre or Sub Rural Health Center <sup>*</sup>	8 <sup>**</sup>		5 <sup>**</sup>	6 <sup>**</sup>	6 <sup>**</sup>	6 <sup>**</sup>	6 <sup>**</sup>
(DOPH)							
- Percentage of Households with improved Water Supply <sup>*</sup>					86 <sup>®</sup>	81.5 <sup>®</sup>	87.4 <sup>®</sup>
- Percentage of Population Coverage of People with improved Water Supply <sup>*</sup>					87.5 <sup>®</sup>	69.5 <sup>®</sup>	84.9 <sup>®</sup>
(DOPH)							
- Accessible to safe and convenient drinking water <sup>∞</sup>	1,269	989	1,803	4,074	3,766	1,753	2,398
(DRD)							
- Percentage of households using (at least ) basic sanitation services <sup>*</sup>	78.3		80.0 <sup>#</sup>				
- Percentage of Households that have Fly-Proof Latrines <sup>*</sup>				79.6 <sup>β</sup>	74.3 <sup>®</sup>	71.2 <sup>®</sup>	75.6 <sup>®</sup>
- Percentage of population Coverage Using Fly-Proof Latrines <sup>*</sup>					80.4 <sup>®</sup>	66.2 <sup>®</sup>	80 <sup>®</sup>
- Proportion of population access to improve Sanitation Facilities (%)	NA		NA	91.4 <sup>+</sup>	NA	NA	NA
Union							
(DOPH, DOP)							

Note: \* Calculation based on Calendar year.

∞ These lists are being implemented in villages by Department of Rural Development without lists of urban projects under control of Nay Pyi Taw Development Committee, Yangon City Development Committee and Mandalay City Development Committee.

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

@ Myanmar Micronutrient and Food Consumption Survey, MMFCS(2017-2018) (DOPH)

\$ National Nutrition Centre, Department of Public Health (DOPH) (District Health Information System, DHIS-2)

& National Nutrition Centre (NNC), Electronic Health Management Information System/DHIS2 (DOPH)

¢ Health Information Division (DOPH)

π Maternal and Reproductive Health Division, Electronic Health Management Information System/DHIS2 (DOPH)

μ Central Expanded Program on Immunization (CEPI)(DOPH)

\*\* Planning Division(DOPH)

β Occupational and Environmental Health Division (DOPH) ( MSDP NIF indicator 5.3.E).

® Occupational and Environmental Health Division (OEH) , Electronic Health Management Information System/DHIS2 (DOPH)

+ 2019 Inter-censal survey (DOP)

p=provisional data

NA=Not Available

Indicators for revealing the data on the availability of health personnel and facility, providing valuable insights into healthcare human resources in country. Indicators on the availability of health personnel and hospital facility for the whole country are given in Table 3.2.

**Table 3.2 Availability of Health Personnel and Facility**  
(Indicator No. 12, 13, 14 & 15)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
Number of Physician*	14,262	15,307	15,845	15,531	14,352	6,057	5,846
Number of Physician (per 10,000 populations)	2.65	2.84	2.92	2.83	2.60	1.09	1.04
Number of Nurse*	21,713	21,897	23,494	25,505	24,735	11,385	11,009
Number of Nurse (per 10,000 populations)	4.03	4.07	4.32	4.65	4.47	2.04	1.96
Number of Hospital Bed*	55,022	55,097	55,378	55,768	56,698	56,698	56,814
Number of Hospital Bed (per 10,000 populations)	10.22	10.23	10.19	10.17	10.25	10.17	10.10
(MOH)							
<b>Number of Government Hospitals<sup>#</sup></b>	<b>1,134</b>		<b>1,151</b>	<b>1,168</b>	<b>1,177</b>	<b>1,177</b>	<b>1,178</b>
- Specialist Hospitals	33		33	33	33	33	33
- General Hospitals with Specialist Services (200 beds & above)	51		51	51	52	52	53
- 150 bedded hospitals	2		2	2	2	2	2
- 100 bedded hospitals	40		40	40	43	43	42
- 50 bedded hospitals	115		115	119	121	121	121
- 25 bedded hospitals	149		150	148	146	146	146
- 16 bedded hospitals	9		9	9	9	9	9
- Station Hospitals	735		751	766	771	771	772
Private Hospitals	224		244	251	256	259	266
Private Specialist Clinic	655		890	895	898	1,033	1,005
(DOMS)							

Source: \* These data only refer to Ministry of Health

# These data only refer to Department of Medical Services

**Table 3.3 Traditional Medicine Health Facilities**  
(Indicator No. 17)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Traditional Medicine Hospitals (Public Sector)*</b>	<b>32</b>	<b>36</b>	<b>42</b>	<b>44</b>	<b>46</b>	<b>49</b>	<b>49</b>
- 100 bedded hospitals	3	3	3	3	3	3	3
- 50 bedded hospitals	9	9	9	9	9	9	9
- 25 bedded hospitals	8	9	10	11	11	13	13
- 16 bedded hospitals	12	15	20	21	23	24	24
- Dispensaries (Public Sector)	260	260	260	260	260	260	260
- Private Traditional Clinic (Estimated)	812	812	899	901	901	725	725
- Registered Traditional Medical Practitioners	7,200	7,384	7,437	7,488	7,488	7,488	7,492
- Traditional Medicine Practitioners Population Ratio	1:7,421	1:6,973	1:6,923	1:6,876	1:7,937	1:7,235	1:7,285
- Registered Traditional Medicine Drugs	14,046	14,387	14,862	15,019	15,183	15,487	15,762
- Traditional Medicine Manufacturing Licenses	3,099	3,175	3,359	3,423	3,470	3,498	3,620
(DTM)							

Note: \* All Data were carried over

## CHAPTER 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 are usually obtained from the Department of Basic Education. The indicators on higher education are obtained from the Department of Higher Education and other concerned Ministries. Various types of short term and long term vocational training with skills levels are conducted by government departments and private institutions, are described by statistics.

**Table 4.1 Indicators on Basic Education**

(Indicator No. 21, 22, 23, 24 & 25)

Indicator		17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
Gross Enrollment Ratios by Level (DBE)	Primary	112.87		110.56	102.24	pp	66.10	87.62
	Middle	74.96		78.29	78.36	pp	37.72	42.69
	High	56.59		59.84	61.02	pp	20.36	16.42
Net Enrollment Ratios by Level (DBE)	Primary	96.99		97.00	95.07	pp	54.76	79.04
	Middle	63.68		71.45	72.35	pp	29.68	36.36
	High	56.59		46.21	50.55	pp	11.50	22.82
Transition Rates by Level* (DBE)	P to M	94.12		94.11		pp	34.45	
	M to H	87.17		87.13		pp	95.12	
Retention Rates by Level*	Primary	69.64		73.55	78.40	pp	50.47	42.95
	Middle	80.78		84.33	83.32	pp	33.97	44.33
	High	81.14		83.79	97.10	pp	37.58	95.32
Completion Rates by Level*	Primary	68.82		76.42	76.69	pp	44.53	39.93
	Middle	79.83		87.59	81.24	pp	29.15	40.88
	High	20.72		19.24	19.22	pp	14.39	78.85
Gross Intake Rate	KG	110.34		93.46	93.58	pp	66.85	89.87
Net Intake Rate (DBE)	KG	96.59		79.00	79.02	pp	36.97	64.25
Internal Efficiency of Primary Education								
	Efficiency(%)	87.20		97.65	94.17	pp		
	Graduates(%) <sup>@</sup>	81.20		87.60	93.20	pp		
Pupil - Teacher Ratio (DBE)	Primary	1:20		1:21	1:20	pp	1:20	1:27
	Middle	1:28		1:28	1:27	pp	1:14	1:15
	High	1:26		1:26	1:23	pp	1:12	1:13

Note: \* Transition rates, Retention rates and Completion rates are estimated

@ Number of primary level graduates from the cohort of 100 new KG intakes under prevailing student flow rates

pp=pandemic period

**Table 4.2 Number of Graduates by specialized field of study**

(Indicator No. 27)

Specialization	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Buddhist Studies</b>	<b>223</b>		<b>233</b>	<b>250</b>	<b>112</b>	<b>180</b>	<b>147</b>
<b>Buddha Dhamma*</b>	<b>98</b>		<b>114</b>	<b>131</b>	<b>pp</b>	<b>43</b>	<b>108</b>
Dip(B.Dh) (Diploma of Buddha Dhamma)	48		51	64	pp	19	65
B.A(B.Dh)(Bachelor of Arts in Buddha Dhamma)	30		43	51	pp	7	37
M.A(B.Dh)(Master of Arts in Buddha Dhamma)	12		14	14	pp	12	4
Ph.D (B.Dh)(Doctor of Philosophy in Buddha Dhamma)	8		6	2	pp	5	2
<b>Buddhism<sup>#</sup></b>	<b>125</b>		<b>119</b>	<b>119</b>	<b>112</b>	<b>137</b>	<b>39</b>
B.A(Buddhism) (Bachelor of Arts Buddhism)	111		102	102	92	124	29

Note: \* Award from International Theravada Buddhist Missionary University

# Award from State Pariyatti Sasana University (Yangon and Mandalay)

pp= pandemic period

Specialization	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
M.A(Buddhism) (Master of Arts Buddhism)	14		16	16	19	13	9
Ph.D(Buddhism)(Doctor of Philosophy in Buddhism)			1	1	1		1
(DPPS)							
<b>Engineering and Architecture<sup>@</sup></b>	<b>18,283</b>		<b>11,739</b>	<b>349</b>		<b>1,781</b>	<b>3,194</b>
Diploma	161		203	164			
Postgraduate Diploma							7
B.E & B. Arch	16,775		11,073	185		1,599	3,028
M.E & M. Arch	879		396			149	151
Ph. D	468		67			33	8
<b>Engineering Science</b>	<b>115</b>		<b>64</b>	<b>66</b>			
B.Sc	9		6	11			
B.Sc (Hons:)	106		58	55			
(MMU,DHE,DAST,ETD)							
<b>Myanmar Maritime University</b>							<b>148</b>
B.E (Bachelor of Engineering)							53
B.Sc							3
B.Sc(Hons)							14
Post Graduate Diploma							72
M.E(Master of Engineering)							6
(MMU)							
<b>Myanmar Mercantile Marine College</b>	<b>126</b>		<b>106</b>	<b>132</b>		<b>71</b>	<b>83</b>
Dip.N.S	56		56	63		49	27
Dip.Mar.Tech	70		50	69		22	50
Dip.E.Tech							6
(MMMC)							
<b>Computer Science and Technology</b>	<b>2,769</b>		<b>2,436</b>			<b>863</b>	<b>1,231</b>
<b>Computer Science</b>	<b>2,115</b>		<b>2,017</b>			<b>733</b>	<b>1,002</b>
Postgraduate Diploma			26				
D.C.Sc						90	139
B.C.Sc	1,988		1,903			593	736
B.E(Hons)						7	23
M.C.Sc			88			12	90
Ph.D(IT)	127					31	14
<b>Information Science</b>	<b>206</b>		<b>34</b>			<b>1</b>	<b>12</b>
M.I.Sc	16					1	12
Ph.D(IT)	190		34				
<b>Computer Applied Science</b>	<b>8</b>						<b>5</b>
M.A.Sc	8						5
<b>Computer Technology</b>	<b>440</b>		<b>385</b>			<b>126</b>	<b>212</b>
B.C. Tech	421		367			121	186
M.C.Tech	19		18			5	26
Ph.D(IT)							
<b>Applied Science</b>						<b>3</b>	
B.S(Bio-Tech)						2	
M.S (Bio-Tech)						1	
(DAST)							

Note: @ The same degrees are awarded from concerned Universities, Colleges are combined as one. However, degrees of Myanmar Maritime University are not included in 2021-2022 and 2022-2023.

Specialization	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Economic University</b>						<b>3</b>	<b>3</b>
<b>Economics</b>	<b>5,787</b>		<b>7,296</b>	<b>661</b>	<b>pp</b>	<b>59</b>	<b>364</b>
B.A(Economics)	5,288		5,868		pp		
B.Dev.S(Development Studies)	44		30	2	pp		12
B.P.A(Public Administration)	47		27	2	pp		50
B.P.A(Hons:)	7		5		pp		1
M.P.A	7		403	314	pp	11	102
B.Econ(Economics)	107		361	43	pp		159
B.Econ (Hons:)(Economics)	41		14	1	pp	2	2
M.Econ(Economics)	12		50	8	pp		7
B.Dev.S(Hons:)	6				pp		
M.Dev.S	82		136	43	pp	12	30
Dip.DS	145		216	173	pp		
Ph.D	1		2	7	pp	1	1
D.E.S				54	pp	33	
D.B.S			184	14	pp		
<b>Statistics</b>	<b>339</b>		<b>948</b>	<b>315</b>	<b>pp</b>	<b>36</b>	<b>274</b>
B.Econ(Statistics)	161		463	36	pp		224
B.Econ(Statistics) (Hons:)	1		18	2	pp		
M.Econ(Statistics)	8		35	23	pp		6
Master of applied Statistics							14
BPS(Population Studies)	55		5	2	pp		18
BPS(Hons:)	1		3		pp		1
D.S.M			188	187	pp		
D.S			132*		pp	33	
MPS(Master Population Studies)			6	5	pp		
Ph.D	1		3	3	pp	3	
Dip. RS	112		95	57	pp		11
<b>Commerce</b>	<b>3,344</b>		<b>2,967</b>	<b>834</b>	<b>pp</b>	<b>109</b>	<b>1,016</b>
B.Com	209		612	28	pp		375
B.Act	87		78	8	pp		54
B.Act(Hons:)	13		8	3	pp		
BBA(Business Administration)	170		555	40	pp		268
BBM	155		350	192	pp		
B.Com(Hons:)			22	3	pp	2	2
M.Com	13		32	43	pp		13
M.B.A	189		466	345	pp	92	125
D.M.A	57		28	31	pp	8	15
DAA	2,017				pp		
Post Graduate Diploma of Human Resource Management							11
M.Act	4		22	4	pp		2
BBA(Hons:)	13		23	2	pp	1	2
D.Fac			182	49	pp		
Dip of Bank (DB)	159		215		pp		
Ph.D	6		8	13	pp	6	4
MBF (Master of Banking and Finance)	107		230	5	pp		112
Dip. Marketing	145		103	65	pp		
PGDAA			33		pp		13
PGDMM				3	pp		17
MHTM(Master of Housing and Tourism Management)							3
(DHE)							

Note: \* These figures include data provided by CSO and DHE  
pp=pandemic period

Specialization	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Cooperative</b>	<b>1,489</b>		<b>1,873</b>	<b>1,654</b>			<b>592</b>
Bachelor of Business Science (B.BSc) <sup>#</sup>	1,095		1,448	1,156			395
Diploma in Applied Statistics (Dip.A.S)	112		101	106	pp	pp	46
Diploma in Business Accounting (Dip.B.Acct)	79		109	133	pp	pp	64
Diploma in Social Enterprise Management (Dip.S.E.M)	79		69	82	pp	pp	25
Diploma in Regional Development (Dip.R.D)	61		68	89	pp	pp	32
Diploma in Marketing Management (Dip.M.M)	63		78	88	pp	pp	30
(DOC)							
<b>Education University<sup>@</sup></b>						<b>2</b>	<b>2</b>
<b>Education</b>	<b>33,479</b>		<b>16,439</b>	<b>64,017</b>	<b>5,898</b>	<b>2,854</b>	<b>9,649</b>
Diploma	7,506		597	48,675			273
B.Ed	388		843	433		2,554	1,362
B.Ed(Bridges)			607	159		159	313
M.Ed	12		244	246		126	7
D.T.Ed	12,956		7,107	4,493			
Ph.D			13	21		15	29
PPTT	12,617		7,018	9,972	5,898		7,665
MA(TEFL)			10	18			
(DHE, ETD, DBE,DTE)							
<b>Forestry</b>	<b>99</b>	<b>9</b>	<b>101</b>	<b>28</b>	<b>23</b>	<b>7</b>	<b>39</b>
B.Sc	76		76		12		26
M.Sc(Local)	11		6		3	3	
M.Sc(Overseas)	8	8	19	22	7	4	10
Ph.D(Overseas)	4	1		6	1		3
(FD, UFES)							
<b>Veterinary&amp; Animal Science</b>	<b>329</b>	<b>1</b>	<b>309</b>	<b>3</b>	<b>76</b>	<b>18</b>	<b>100</b>
B.V.Sc (Bachelor of Veterinary Science)	221		226				
D.V.M (Doctor of Veterinary Medicine)					46		62
B.A.Sc(Bachelor of Animal Science)	93		65		10	1	30
M.V.Sc(Local) (Master of Veterinary Science)	11		17		19	15	3
Ph.D(Local) (Doctor of Philosophy)	2		1		1	2	2
Ph.D(Overseas) (Doctor of Philosophy)	2	1		3			3
(UVS)							

Note: # 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 University of Cooperative and Management (Thanlyin and Sagaing).

@ Department of Higher Education

pp=pandemic period

Specialization	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Arts &amp; Science University and Degree Collage<sup>#</sup></b>						<b>42</b>	<b>42</b>
<b>Arts &amp; Science<sup>*</sup></b>	<b>94,960</b>		<b>127,552</b>	<b>16,094</b>		<b>31,847</b>	<b>36,042</b>
<b>Arts</b>	<b>65,019</b>		<b>83,008</b>	<b>5,571</b>		<b>26,356</b>	<b>17,155</b>
Diploma	1,224		1,509	245		149	156
B.A	61,616		78,627	3,215		25,375	16,014
B.A(Hons:)	1,251		1,285	426		136	279
B.A(Q)			222	49			
M.A	837		1,219	1,475		632	651
M.Res	91		22				
Ph.D			124	161		64	55
<b>Science</b>	<b>29,941</b>		<b>44,544</b>	<b>10,523</b>		<b>5,491</b>	<b>18,887</b>
Diploma			231	65			
B.Sc	23,850		37,025	6,061		4,130	16,918
B.Sc(Hons:)	3,718		3,921	1,176		425	719
M.Sc	1,854		2,488	2,843		844	1,135
M.Res	404		50				
Ph.D	115		86	203		92	115
B.Sc(Q)			743	175			
(DHE,ETD)							
<b>Arts( Fine Arts)</b>	<b>112</b>		<b>142</b>	<b>33</b>		<b>30</b>	<b>64</b>
B.A	34		56	11		15	23
B.A(Hons)	21		13				
PGDA	47		26	2		4	29
B.A(HC)	4		4			2	
M.A			33	20		4	12
M.A(HC)	6		8			3	
Ph.D(HC) Doctor of Arts (HonorisCausa)			2			2	
(FAD)							
<b>Foreign Language University</b>						<b>2</b>	<b>2</b>
<b>Foreign Languages</b>	<b>1,207</b>		<b>1,278</b>	<b>120</b>	<b>pp</b>	<b>8</b>	<b>516</b>
Diploma	196		200		pp		28
B.A	897		982	90	pp		480
M.A	113		94	26	pp	7	7
Ph.D	1		2	4	pp	1	1
(DHE)							
<b>Agriculture</b>	<b>531</b>		<b>678</b>	<b>233</b>	<b>pp</b>	<b>188</b>	<b>158</b>
B.Agr.Sc(Bachelor of Agricultural Sceince)	493		613	171	pp	156	139
M.Agr.Sc(Master of Agricultural Sceince)	18		54	44	pp	24	12
Ph.D(Doctor of Philosophy)	7		7	15	pp	6	3
Ph.D(by Research) (Doctor of Philosophy)			3	1	pp	2	
Grad.Dip.Agr.Sc(Rice) (Post Graduate Diploma in Agricultural Science in Rice) <sup>@</sup>	11				pp		

Note: # Department of Higher Education  
 \* 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  
 @ Grad.Dip.Agr.Sc(Rice)(Post Graduate Diploma in Agricultural Science in Rice) was opened in 2016-2017 academic year and 2017-2018 academic year. It was suspended since 2019-2020 academic year.  
 pp=pandemic period

Specialization	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
Post Grad Dip Agr.Sc(Post Graduate Diploma in Agricultural Science)	1			1	pp		3
M.phill(Master of Philosophy)	1		1	1	pp		1
<i>(DOP(MOALI))</i>							
<b>Health</b>	<b>8,038</b>	<b>221</b>	<b>8,226</b>	<b>8,231</b>	<b>2,485</b>	<b>204</b>	<b>442</b>
<b>Medical Science</b>	<b>3,223</b>	<b>115</b>	<b>3,136</b>	<b>2,805</b>	<b>2,080</b>	<b>174</b>	<b>211</b>
M.B.B.S	2,058		1,898	1,460	1,222		24
Post Graduate Diploma	220	11	123	171	79	24	24
M.Med.Sc (Master)	813	87	947	937	660	99	115
Dr.Med.Sc	96	13	151	191	96	44	40
Ph.D	36	4	17	46	23	7	8
<b>Dental Science</b>	<b>292</b>	<b>5</b>	<b>349</b>	<b>286</b>	<b>309</b>	<b>14</b>	<b>22</b>
B.D.Sc	241		283	243	294		10
M. D. Sc	44	4	53	36	7	14	8
Dr.D.Sc	7	1	13	7	8		4
<b>Pharmacy</b>	<b>194</b>		<b>207</b>	<b>268</b>	<b>30</b>	<b>4</b>	<b>31</b>
B. Pharm	174		187	238	pp		19
M. Pharm	12		15	25	28	4	9
Ph.D	8		5	5	2		3
<b>Medical Technology</b>	<b>266</b>		<b>271</b>	<b>308</b>	<b>16</b>	<b>3</b>	<b>32</b>
B.Med.Tech	240		245	285	pp		28
M.Med.Tech	26		26	23	16	3	2
Ph.D							2
<b>Nursing Science</b>	<b>2,263</b>		<b>2,705</b>	<b>2,851</b>	<b>50</b>	<b>9</b>	<b>49</b>
Nursing Diploma	1,521		1,841	1,658	pp		
B.N.Sc	681		800	1,116	pp		42
M.N.Sc	61		61	77	47	9	5
Ph.D			3		3		2
<b>Community Health</b>	<b>282</b>	<b>101</b>	<b>134</b>	<b>213</b>	<b>pp</b>		<b>10</b>
Health Assistant	128	101		121	pp		
B.Comm.H	151		131	92	pp		10
M.Comm.H	3		3		pp		
<b>No. of Basic Health Staff</b>	<b>1,518</b>		<b>1,424</b>	<b>1,500</b>	<b>pp</b>		<b>87</b>
Midwife	1,377		1,275	1,351	pp		21
Lady Health Visitor	141		149	149	pp		66
<i>(DHRH)</i>							
<b>Traditional Medicine*</b>	<b>3,743</b>	<b>3,743</b>	<b>3,829</b>	<b>3,912</b>	<b>3,912</b>	<b>3,990</b>	<b>4,028</b>
Dip.T.Med <sup>#</sup> (Diploma in Traditional Medicine)	2,187	2,187	2,187	2,187	2,187	2,187	2,187
B.M.T.M (Bachelor of Myanmar Traditional Medicine)	1,505	1,505	1,583	1,648	1,648	1,716	1,740
M.M.T.M(Master of Myanmar Traditional Medicine)	51	51	59	77	77	87	101
<i>(DTM)</i>							
<b>UTCC, Global MBA Program</b>	<b>143</b>		<b>85</b>			<b>103</b>	<b>48</b>
Master of Business Administration	143		85			103	48
<i>(UMFCCI)</i>							

Note

\* All data were carried over

# Institute of Traditional Medicine was suspended in 2008

pp=pandemic period

**Table 4.3 Number of Persons Completing Skills Training Courses in TAV Institutions**  
(Indicator No.28)

Institution	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Skill Training in Technical Agricultural and Vocational Institutions by Skill Level</b>							
- AGTI (ETD)	161		139	136			146
<b>GTI</b>							
- School	25		25	28	28	28	28
- Student	2,590		3,020	pp	pp	812	1,526
<b>GTHS</b>							
- School	34		35	35	35	35	35
- Student	2,190		2,890	2,928	pp	838	293
(DTVET)							
- SAI	1,671		1,977	618	pp	994	
(DOP(MOALI))							
- Central Forestry and Development Training Center(CFDTC)	1,467	310	751	427	100	155	512
- Myanmar Forest School (PyinOoLwin)	94		57	56	61		98
(FD)							
- Workshop Skill Training Course (WST)	151		76	13		21	138
(MMMC)							
- Lacquerware Technology College	122		102	14			23
- Saunders' Weaving and Vocational Institute and (13) Weaving and Vocational Schools	387		419	162			353
- Vocational Training (Short Term)	8,240	4,124	10,363	5,018	3,500	4,218	11,833
(SSID)							
- Commercial Schools	216	85	273	37		32	
- Cooperative University and Colleges	5,364		5,676		pp	pp	839
- Cooperative Training Schools	408	229	372	210		144	
(DOC)							
- Industrial Training Center – ITCs*	897	354	959	951	251	455	101
- Mobile Vocational Training Unit	1,389	489	1,554	589	pp	39	216
- Competency Based Modular Short Courses (3) months	170	54	708	106	pp		
(DIC)							
- Training Concerned with Computer	1		2		pp	114	22
- Boiler Operator Training	181	90	161	104	pp	pp	37
- Boiler Special Advance Training						pp	40
- Basic Electrician Training and Basic Electrician Mobile Training	683	307	878	322		pp	75
- Electrician Advance Training	73		82		pp	pp	Nil
- SMEs Supporting Training	53	45	49	39	2,837	pp	340
(DISI)							
- Carpenter Training	124		58	122			
- Masonary and Bricklaying Training	393		168	367		55	93
- Barbending Training	80		104	93			126
- Road Construction	70		9	46			
- Concrete Shuttering	51		12	14			22
- Plumbing Training	53			50			23
- Basic Auto-CAD Training	231		243	289	15	26	137

Note: \* ITCs – Industrial Training Center (Sinde, Mandalay, Thagaya, Pakokku, Magway, Myingyan)  
pp=pandemic period

<b>Institution</b>	<b>17/18</b>	<b>Mini Budget</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>
- Surveying Training	119		115	138		12	37
- Building Estimating Course	19		30	38			
- Basic Building Technology Training				164			22
- Cement Technology Operator Course	14						
- Furniture and Cabinet Making Training				18			64
- Basic Electronic Course	205		99	313		10	22
- CNC Machine Training			42	66			
- Mobile Phone Service Training	79		85	88			
- Electrical Wiring	1,327		1,583	1,969	28	162	793
- Solar Installation Training	22						10
- Rewinding of Motor and Generator Training				20			
- Motor Control Course	103		76	166		9	15
- Electrical Appliances Services Training	241		176	169			89
- Computer Hardware Maintenance Training			8				35
- Programmable Logic Controller (PLC) Training			40	38			
- Basic Mechanic Training(Diesel, Petrol)	89		122	97			
- Welding Training	649		636	601		23	344
- Lathe Machine Operations Training	8		4				
- Petrol Engine Maintenance Training	31		10	11			
- Single Cylinder Engine Maintenance Training	332		337	380		34	68
- Motorcycle Services and Maintenance Training	466		392	583	52	15	93
- Diesel Engine Maintenance Training	41			11			
- Agricultural Machinery Services and Maintenance Training	165		162	34		32	30
- Automotive Service Technology Training	30		38				
- Air-Con Service Training	140		24	89			138
- Basic Computer Training	1,591		2,157	2,784	28	394	715
- Programming and Applied Software	27		8	47			71
- Transformer and Electronic Circuit Training			25	33			
- Networking Course				29			126
- Sewing Training (Basic/Advanced)	1,279		1,393	1,666	123	263	287
- Motor Sewing Training							825
- Hair Dressing Training(Woman)	148		110	45			
- Hair Cutting Training(Man)	69		76			36	27
- Make-up Training				119			
- Hotel Servicing Training	74		180	129			
- Front Office Operation Training	103		41				
- Housekeeping Training	192		61			15	
- Food and Beverage Production Training	113		55	35			20
- Food and Beverage Servicing Training				46			
- Language Training	1,659		1,021	1,094			29
- Mushroom Cultivation Training	26						
- Baking & Confectionery Course			19	68		31	20
- Food Service and Culinary Course			16	37			
- Beverage Course			20	37			
- Pomelo Wine and Jam Making Training Course				30			
- Plants Tissue Culture Course			112				
- Households Products Making Course (Liquid Soap, Hair Cream, Shampoo)			36	186	80	83	29
- Cottage Industry Training			34	227		20	51

Institution	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
- Driving Training				18			
- Singapore- Myanmar Vocational Training Institute (SMVTI)	779		1,166	397			204
- School for Industrial Training and Education (SITE)			240	134			166
(DTVET)							
<b>Training Schools for Development of Nationalities Youth from Border Areas</b>							
- Number of Schools	44	45	45	45	45	44	47
- Number of Students	6,719	7,067	6,634	5,787	5,229	5,225	4,139
<b>Technical Schools for National Youths in Border Areas</b>							
- Number of Schools	9	9	9	9	9	9	9
- <b>Number of Students</b>	<b>979</b>	<b>420</b>	<b>534</b>	<b>200</b>	<b>180</b>	<b>183</b>	<b>410</b>
- <i>Construction Training</i>			92	20	20	34	49
- <i>Electrical Training</i>			106	45	50	34	87
- <i>Welding Training</i>			115	40	40	39	81
- <i>Motor Car Mechanic Training</i>			178	80	50	61	118
- <i>Mobile Phone Repairing Training</i>			43	15	20	15	35
- <i>Housekeeping Operation Course</i>							20
- <i>Food and Beverage Service</i>							20
- Mobile Technical Training Team*	77	32	42				
<b>Vocational Training Schools of Domestic Science for Women</b>							
- Number of Schools	43	45	46	46	46	46	47
- <b>Number of Students</b>	<b>5,400</b>	<b>3,187</b>	<b>6,159</b>	<b>2,060</b>	<b>732</b>	<b>780</b>	<b>1,554</b>
- <i>Advanced vocational Dress Making Training</i>			1,670	1,869	729	760	1,534
- <i>Basic Vocational Training</i> <sup>#</sup>			4,105				
- <i>Course for Knitting Training</i>			10	5			
- <i>Basic Weaving Hand-loom</i>			7	3	3	5	5
- <i>Traditional Hand Weaving Course</i>			67	33		15	15
- <i>Front Office Operation Course</i>			100	50			
- <i>Housekeeping Operation Course</i>			100	50			
- <i>Food and Beverage Service</i>			100	50			
- Mobile Vocational Training Team <sup>\$</sup>	360	223	100				
- Motor Sewing Machine Course	342	140	200	204		50	50
- Motor Sewing Machine Course-NSSA Level-1			531	100		50	50
(ETD)							
<b>State High School of Fine Arts (Yangon and Mandalay)</b>	<b>37</b>		<b>56</b>	<b>58</b>		<b>12</b>	<b>35</b>
- Dramatic Arts	28		39	45		10	26
- Painting	4		13	11		2	8
- Sculpture	5		4	2			1
(FAD)							
<b>Civil Service Academy (Upper and Lower Myanmar)</b>	<b>7,124</b>	<b>2,477</b>	<b>18,809</b>	<b>9,418</b>	<b>1,563</b>	<b>3,341</b>	<b>18,571</b>
- Executive Level Officials Course	61	45	38		pp	63	153
- Senior Level Officials Course	205	86	143	157	pp	155	330
-Mid-Level Official Course	322		266	128	pp	156	785
-Basic Course for Civil Service Officers	926	332	955	634	159	415	1,634

Note: \* In the Financial Years of 2019-2020 and 2020-2021, Mobile Technical Training Team were not submitted and could not be opened.

# Starting from the Financial Year of 2019-2020, the basic vocational lessons have been integrated into the Advanced Vocational Tailoring Courses, and taught with the total 22-week course period, so the Basic Vocational Tailoring Course is no longer opened separately.

\$ In the Financial Years of 2019-2020 and 2020-2021, Mobile Vocational Training Team were not submitted and could not be opened.

pp=pandemic period

Institution	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
- Pre-Service (Special) Course	764	408	415	183	176	143	1,082
- Basic Pre-Service (Special) Course (Assistant Surgeon)	1,157		1,103				
- Junior Level Officers Course	1,982	720	9,087	3,541	659	453	4,547
- Staff Supervisors Course	158	153	191	140	pp	154	977
- Clerical Staff Course	1,549	733	6,611	4,635	322	650	4,632
- Special Refresher Course for Higher Education Teachers					pp		512
- Special Refresher Course for Basic Education Teachers					pp	956	2,986
- Enhance Course for Administrative Skills					247	196	933
(CSSTD)							
<b>Opened Training Courses</b>	<b>6,797</b>	<b>1,459</b>	<b>6,136</b>	<b>5,604</b>	<b>438</b>	<b>610</b>	<b>2,075</b>
- Deputy Director's Refresher Course				62			
- Assistant Director's Refresher Course for Enhancing Work Performance			76			52	126
- Staff Officer Refresher Course for Enhancing Work Performance			366		105	48	204
- Senior Auditor Refresher Course for Enhancing Work Performance	97		112	123	58		330
- Deputy Senior Auditor Refresher Course for Enhancing Work Performance							100
- Assistant Senior Auditor In-house Training	223	112	100	346			
- Internal Assistant Senior Auditor Proficiency In-house Training Course				65			109
- Basic Accounting and Office Work Proficiency Training Course	1,025	563	490	690		125	320
- Intermediate Accounting and Office Work Proficiency Training Course	360	291	265				136
- Advanced Accounting and Office Work Proficiency Training Course	123	119	95				67
- Diploma in Accountant Course (Part I)	438		672	672	201	102	318
- Diploma in Accountant Course (Part II)	194	374	212	403		35	24
- Certificated Public Accountant Course (Part I)	3,923		3,270	2,741		165	145
- Certificated Public Accountant Course (Part II)	414		478	502	74	35	43
- English Language Course Level-I Training						48	
- Training on English Language Course Level- II							20
- Training on Basic Accounting							33
- Training on International Public Sector Accounting Standards (Part –I)							100
(TDT-OAG)							
- Mechanical Training Course for Welding Course, Machine Course, Electric Course and Fitting Course in Railways Technical Training Centre (Ywataung)			115	46		14	146
- Track Maintenance Machineries Operation & Maintenance Training	12	20	49			17	57
- Rail Gang Car (RGC) Operation and Maintenance Training	17		26				
- Management Improvement for Myanmar Railways	23	20	119	62	62	62	58
(MR)							

Institution	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
- Total Numbers of Driving Licenses <sup>@</sup>	5,290,773		5,538,000	5,574,940	5,556,700	5,632,093	5,722,085
- Total Numbers of Road safety Training <sup>#</sup> (RTAD)			346,627	100,415		2,051	4,219
- Short Course Training in Skills Training Centers*	858	772	2,987	1,212	307	217	887
- NSSA Related Training for Capacity Development* (DOL)						57	212
<b>UMFCCI Training Institute</b>	<b>1,707</b>		<b>2,231</b>	<b>451</b>	<b>774</b>	<b>535</b>	<b>992</b>
- Office Administration & Management	207		134	20			36
- Business English (Beginner Level)	132		146	42	60	31	63
- Business English (Intermediate Level)	128		137	31	23	52	78
- International Trade	114		139	70	165	72	137
- Basic Sales & Marketing	149		195	53	29	47	65
- Higher Sales & Marketing	99		45				
- Logistics & Supply Chain (Basic Level)	96		189	66	132	80	156
- Logistics & Supply Chain (Advanced Level)			94		22		
- Human Resource Management (Basic Level)	232		238	37	54	31	52
- Human Resource Management(Advanced Level)			54				
- Financial Management (Basic Level)	153		172	39	73	55	103
- Financial Management (Advanced Level)			39				
- Business Management	223		262	46	58	49	84
- Business Consulting Service Provider	94		88	25	64	22	55
- Strategic Management (Advanced Level)	40		131				
- Customer Service Management			89			43	25
- Digital Marketing							35
- Business English (Intermediate Level)	40						
- General Management			45	22	72	35	64
- Leadership & Organizational Management			34				
- Innovation & Entrepreneurship (UMFCCI)					22	18	39
<b>Center for Tourism Development</b>	<b>7,047</b>	<b>1,655</b>	<b>5,512</b>	<b>5,667</b>	<b>2,550</b>	<b>6,203</b>	<b>6,085</b>
- Tour Guide (Refresher) Training	36						
- Basic Tour Guide Training	191		273	170	143		20
- Regional Tour Guide Training	939	361	1,382	739			
- Local Guide Training				101			100
- Hotel Service Training	2,564		1,566	284			552
- F & B Service Training	689	388	419	157	14		
- F & B Production Training	323		178	7			
- ICT ( In Company Trainer)			31		18		
- Training Methodology			31				

Note: @ Calculation based on calendar year  
 # The Lists of Road Safety Educative Training Courses conducted by Road Transport Administration Department  
 \* Conducting Skills Training and Capacity Development Training at Skills Training Center (Yankin, North Dagon, Mandalay, Patheingyi, Setse, Hpa An and Bago)

<b>Institution</b>	<b>17/18</b>	<b>Mini Budget</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>
- Hospitality Supervision & Leadership Training				41			
- Front Office	971	456	641	262	18		
- Housekeeping	1,092	450	471	117	12		
- Hotel Operation Management			36				
- Lodging Operation			33				
- SM-1 (Supervisory Management)			41	31			
- HACCP( Hazard Analysis Critical Control Point)			62				
- Assistant Cook			40		15		
- Certificate I in Hospitality Operation			117	24	76		
- Certificate II in Hospitality Operation			48		7		
- Certificate I in Travel & Tourism			19		74		
- Certificate II in Travel & Tourism			5		25		
- Passenger Fares and Ticketing				12	19		
- Planning & Operation( Banquets & Special Events)				10	10		
- Colourful Pasta				5			
- Fantastic Pizza				9	9		
- Certificate III in Travel & Tourism			3		4		
- Responsible Tourism Principle & Practices				4	4		
- International Travel & Tourism Destinations				7	7		
- Responsible Tourism Online Training				15			
- Digital Marketing Online Training				81			
- Supervisory Skill Online Training				292			
- Work Place Health and Safety Training				87		4,381	2,496
- Food Safety and Hygiene Training				72			
- English & Basic Computer Training	40			30			
- Thai Language Training							80
- English Language Training					14		157
- Spanish Language Training	57						
- Chinese Language Training	38		32	269			293
- Japanese Language Training	90		32	100			
- Korea Language Training	17		25	36			
- Russia Language Training							234
- 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			
- Eco Tourism					7		
- ASEAN Standard Upgrading Course for English Tour Guide					14		
- Training of Trainers (Batch-1)			27				
- Training of Trainers (Batch-2)				31			
- Training of Trainers(Batch-3)				24			
- Covid-19 Health and Safety Master and Inspector Training					260		

<b>Institution</b>	<b>17/18</b>	<b>Mini Budget</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>
- Covid-19 Safe Service Cascading Training					1,800	1,822	
- Barrier Free Tourism							1,446
- Anti-Trafficking Awareness Training							60
- Sike Guide Training							327
- Bakery and Pastry Training							20
- Bamboo Craft Basic Course							20
- Coastal Protection Awareness Training							210
- MSME Developing Training							70
(DHT)							
<b>Elderly Care Assistant Training</b>							
- Number of Trainings			1	1	pp		1
- Number of Trainees				85	pp		14
(DHRH)							

pp=pandemic period

**Table 4.4 Percentage of Female Students by Education Level**  
(Indicator No.31)

<b>Education Level</b>	<b>17/18</b>	<b>Mini Budget</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>
- Primary School Level	48.51		48.72	48.70	pp	49.35	49.40
- Middle School Level	50.85		50.87	50.38	pp	51.08	51.53
- High School Level	53.97		54.60	53.65	pp	55.79	50.30
(DBE)							
- Professional Institutions			43.44	44.44		82.68	
- Arts & Science			63.74	65.78		70.16	
(DHE)							
- Government Technical Institute	34.98		35.56	pp	pp	34.11	33.75
- Government Technical High School	21.78		21.87	19.84	pp	24.46	20.14
(DTVET)							
- State Agricultural Institute(SAI)	42.00		45.00	50.00	pp	52.00	
(DOP(MOALI))							

pp=pandemic period

## CHAPTER V LABOUR STATISTICS

Information on Labour Statistics is usually obtained from two sources: Labour Force Survey and Population and Housing Census. In 2015, Department of Labour conducted Labour Force, Child Labour and School-to-Work Transition Survey with technical and financial assistance of the ILO. Since 2017, Department of Labour has been conducting the Annual Labour Force Survey twice a year by Department's Budget: the first semi-annual labour force survey of 2020 had been conducted. However, the second semi-annual labour force survey in 2020 had been suspended due to the spread of covid-19 pandemic. However, Department of Labour had implemented 2020-2023 Labour Force Projection with technical assistance of the Department of Statistics, Meikhtila Economic University and Nay Pyi Taw State Academy in 2022. 2020-2023 Labour Force Projection was calculated based on 2014 Population, Housing Census and 2019 Inter-censal Survey and 5 years survey data of Myanmar Labour Force, Child Labour and School to Work Transition Survey in 2015 and Annual Labour Force Surveys from 2017 to 2019.

**Table 5.1 Labour Force, Labour Force Participation Rate and Unemployment Rate**  
(Indicator No. 33, 34 & 35)

Indicator	17/18 <sup>β</sup>	Mini Budget	18/19 <sup>α</sup>	19/20 <sup>®</sup>	20/21 <sup>∞</sup>	21/22 <sup>∞</sup>	22/23 <sup>∞</sup>
Labour Force *(million)	22.28		22.74	22.28	22.61	23.06	23.52
Employment*(million)	21.94		22.55	22.18	22.58	22.76	22.93
Unemployment * (million) (DOL)	0.34		0.19	0.10	0.03	0.30	0.59
Labour Force Participation Rate * (%) (DOL)	61.20		61.49	59.43	59.89	60.28	60.69
Unemployment Rate * (%)	1.60		0.86	0.48	0.17	1.33	2.53
Composite Rate of Labour Underutilization - LU * (%) (DOL)	7.20		5.96	3.33	NA	NA	NA

Note: \* Refers to the calendar year. Based on working age population 15 years and above(DOL)

Source: β 2017 Annual Labour Force Survey (Yearly) Report(DOL)

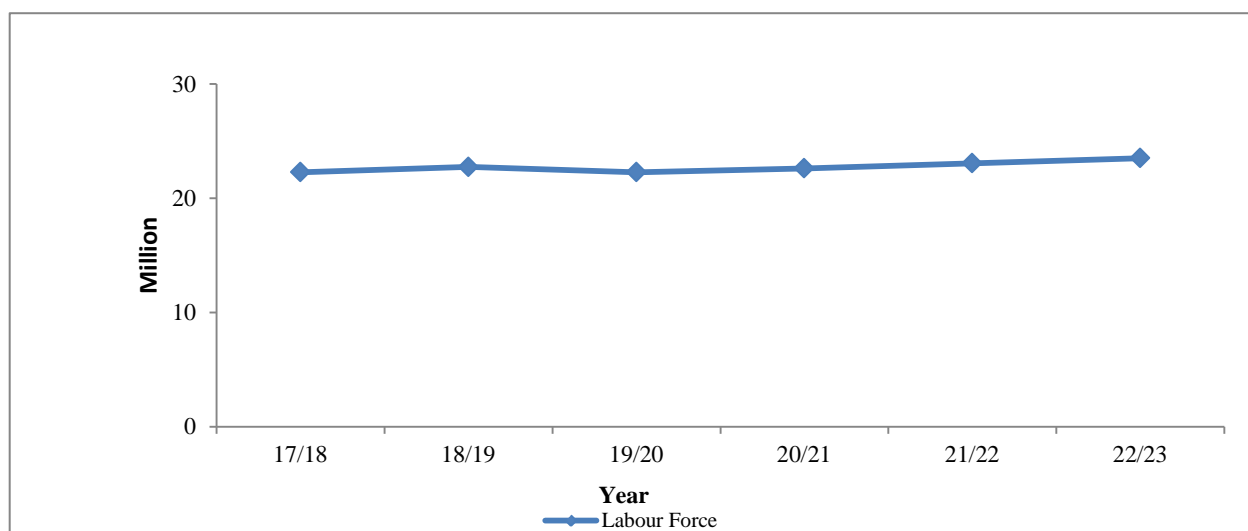
α 2018 Annual Labour Force Survey (Yearly) Report(DOL)

® 2019 Labour Force Survey (Yearly) Report(DOL)

∞ 2020-2023 Labour Force Projection Report(DOL)

NA=Not Available

**Chart 5.1 Labour Force (million)**



The structural characteristics of labour force, the percentage of employed population by occupation, and industry groups as perceived in the 2020-2023 Labour Force Projection, are described in Table 5.2 and Table 5.3.

**Table 5.2 Percentage Distribution of Employed Person by Industrial Group**  
(Indicator No.37)

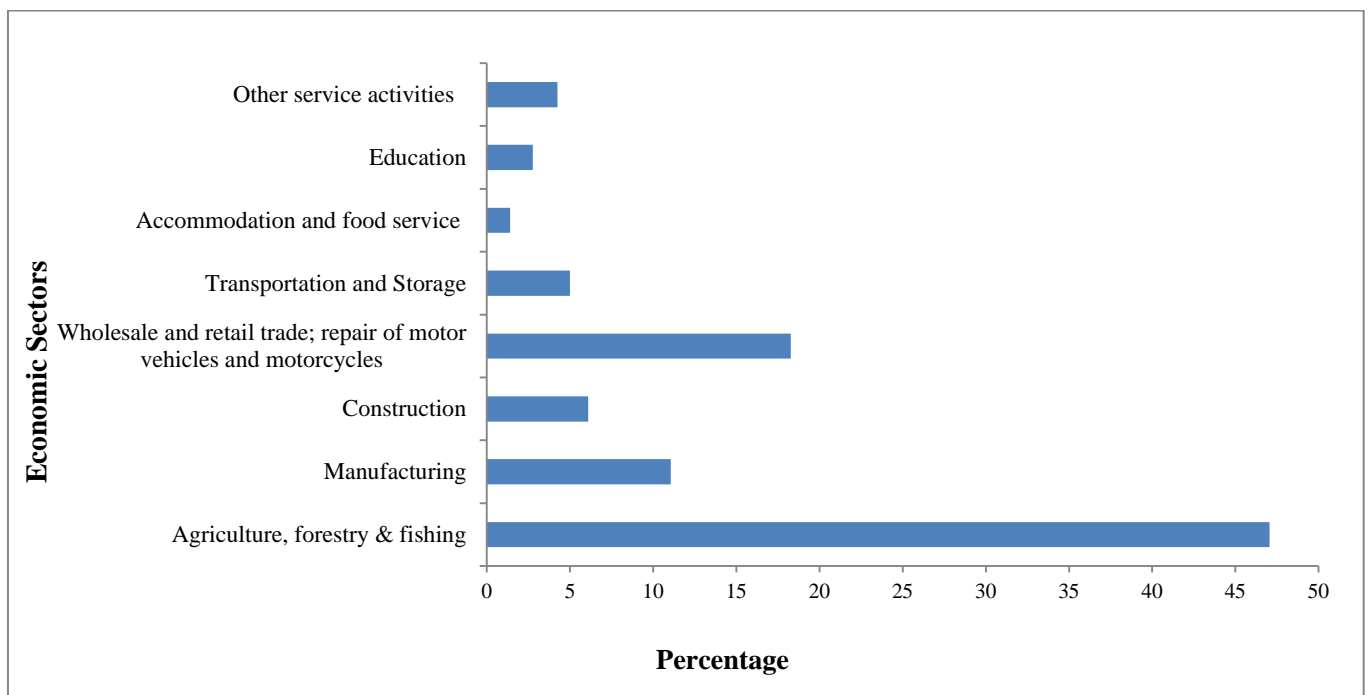
Sr.	Industry	Percent (%)*
1.	Agriculture, forestry and fishing	47.06
2.	Mining and quarrying	0.65
3.	Manufacturing	11.06
4.	Electricity, gas, steam and air conditioning supply	0.08
5.	Water supply; sewerage, waste management and remediation activities	0.16
6.	Construction	6.09
7.	Wholesale and retail trade; repair of motor vehicles and motorcycles	18.27
8.	Transportation and storage	5.00
9.	Accommodation and food service activities	1.39
10.	Information and communication	0.24
11.	Financial and insurance activities	0.65
12.	Real estate activities	0.15
13.	Professional, scientific and technical activities	0.23
14.	Administrative and support service activities	0.96
15.	Public administration and defence; compulsory social security	0.39
16.	Education	2.77
17.	Human health and social work activities	0.48
18.	Arts, entertainment and recreation	0.09
19.	Other service activities	4.24
20.	Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use	0.02
21.	Activities of extraterritorial organizations and bodies	0.02 <sup>#</sup>
<b>Total</b>		<b>100.0</b>

Source: 2020-2023 Labour Force Projection Report(DOL)

Note: # The number of employed person is low in based years that are calculated(DOL)

\* Refers to the calendar year. Based on Working Aged Population 15 years and above(DOL)

**Chart 5.2 Percentage of Employed Person by eight most Industrial Sectors**



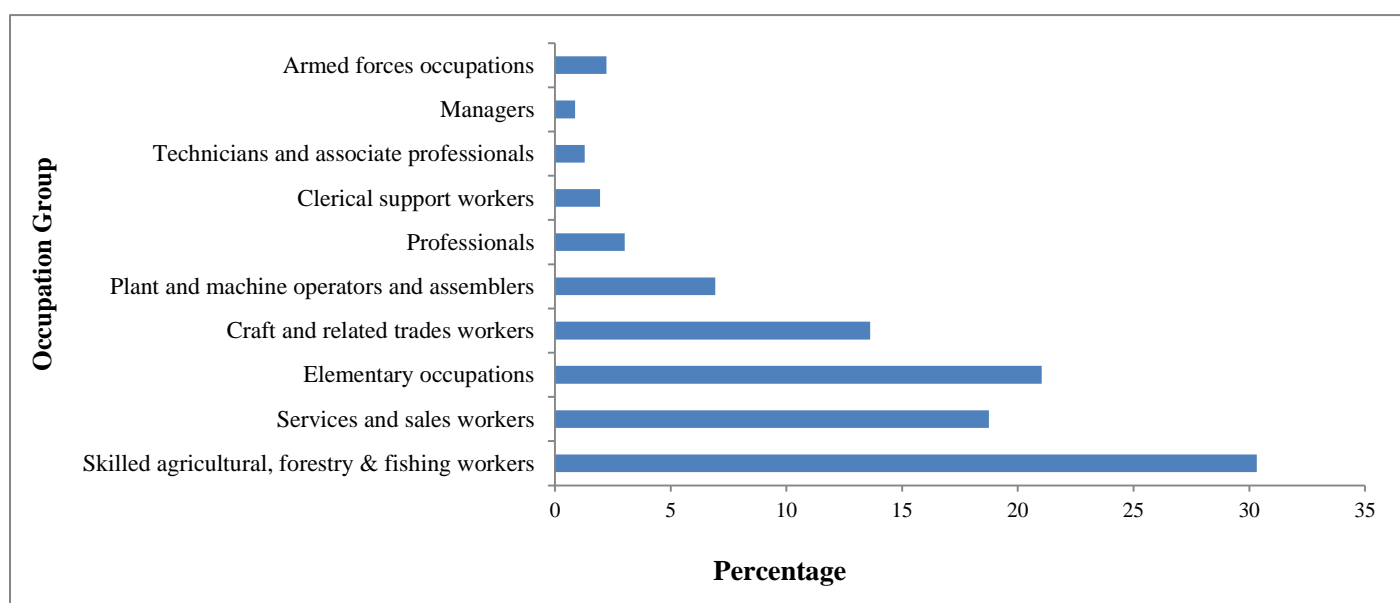
**Table 5.3 Percentage Distribution of Employed Person by Occupation Group**  
(Indicator No.37)

Sr.	Occupation	Percent (%)*
1.	Managers	0.87
2.	Professionals	3.01
3.	Technicians and Associate Professionals	1.29
4.	Clerical Support Workers	1.95
5.	Services and Sales Workers	18.75
6.	Skilled Agricultural, Forestry and Fishery Workers	30.33
7.	Craft and Related Trades Workers	13.62
8.	Plant and Machine Operators, and Assemblers	6.93
9.	Elementary Occupations	21.03
10.	Armed Forces Occupations	2.22
<b>Total</b>		<b>100.0</b>

Source: 2020-2023 Labour Force Projection Report (DOL)

Note: \* Refers to the calendar year. Based on Working Aged Population 15 years and above(DOL)

**Chart 5.3 Percentage of Employed Person by Occupation Group**



As of Table (5.4), on the purpose of implementing skills assessment and certification for the skills development of labour workforce depending on their skills level and nurturing skilled workers who have capacity to utilize modern technology of the future, National Skills Standards Authority was established in 2007 and the Ministry of Labour acts as a focal Ministry.

Currently, NSSA has been undertaking skills assessment in which National Skills Qualification Framework has already been defined with 4 skill levels, that are semi-skilled workers as Level-1, skilled workers as Level-2, advanced skilled worker as Level-3 and supervisory level as Level-4.

**Table 5.4 National Skills Standards Authority**  
(Indicator No.36)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Skilled Workers, Assessors, Inspectors and Assessment Centers by National Skills Standards Authority (NSSA) for Accreditation</b>							
National Certificate of Occupational Competency- Skills Level-1	5,015	1,893	4,990	2,419	117	467	5,322
National Certificate of Occupational Competency- Skills Level-2	149	131	873	121			148
National Certificate of Occupational Competency- Skills Level-3							6
NSSA Assessor Level-1	107	31	45	96	4		58
NSSA Assessor Level-2	10	17	54	17			23
NSSA Assessor Level-3							4
NSSA Inspector Level-1							3
NSSA Inspector Level-2							6
NSSA Inspector Level-3							1
NSSA Assessment Center Level-1	34	21	33	34	2	2	34
NSSA Assessment Center Level-2	5	1	8	4	1		8
NSSA Assessment Center Level-3							1
(DOL)							

## CHAPTER VI ECONOMIC INDICATORS

Statistics on the performance of the economy are provided by Planning Department (PD) and Central Statistical Organization (CSO) 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 Statistical Yearbook by Central Statistical Organization (CSO). Table (6.1) illustrating Gross Domestic Product (GDP) and GDP per Capita in current prices (Nominal GDP) and in constant producers prices (Real GDP), Table (6.2) present Nation’s Investment, Exports and Imports, Table (6.3) present the Consumer Price Index and Table (6.4) present total government expenditure (current and capital combined) by sectors.

**Table 6.1. Gross Domestic Product (GDP)**  
(Indicator No.41, 42)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
(a) Nominal GDP at Current prices (K. million) <sup>#</sup>	92,788,955.1		105,258,500.8	112,769,724.6	108,205,724.0	75,044,663.3	125,338,951.9
(b) Real GDP at 2015-2016 constant Prices (K. million) <sup>#</sup>	83,510,030.1		89,147,341.4	91,971,632.7	86,561,824.6	56,726,449.9	90,865,129.3
Growth Rate (%)	6.4		6.8	3.2	-5.9	2.4	3.4
(PD)							
(a) Nominal GDP per Capita (Kyats) <sup>#</sup>	1,730,330		1,945,593	2,066,174	1,965,376		2,247,426
(b) Real GDP per Capita at 2015-2016 constant Prices (Kyats) <sup>#</sup>	1,557,297		1,647,795	1,685,110	1,572,251		1,629,283
(PD)							

Note: # 2017-2018 FY to 2020-2021 FY was October to September. 2021-2022 (6) Month was Interim Budget from 2021 October to 2022 March. 2022-2023 FY was April to March  
2021-2022 (6) Month (October to March) was interim Budget Plan Implementation and GDP per Capita on the indicator 42 was not calculated for interim term.  
2022-2023 FY (April to March) data on the indicator 41 and 42 will be revised accordingly

**Table 6.2. Investment, Exports and Imports**  
(Indicator No. 44)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
(a) Investment (K. million)	28,057,231.0		29,919,166.7	33,943,700.0	28,782,700.0	16,160,075.4	35,297,300.0
(b) Exports (US\$ million)	14,850.66	8,832.18	17,060.41	17,681.09	15,363.28	8,308.42	16,621.29
(c) Imports (US\$ million)	18,686.95	9,858.04	18,086.60	19,050.86	14,686.06	7,964.99	17,355.47
(PD, CSO)							

**Table 6.3. Consumer Price Index**  
(Indicator No.46)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
Consumer Price Index (CPI) (2017 =100) <sup>@</sup>							
(CSO) Union	135.59 <sup>\$</sup>	142.37 <sup>\$</sup>	152.41 <sup>\$</sup>	161.14 <sup>\$</sup>	167.01 <sup>\$</sup>	184.81 <sup>\$</sup>	162.11 <sup>#</sup>

Source: @ Myanmar Living Conditions Survey, 2017 (No survey conducted after 2017)  
Note: \$ Consumer Price Index is calculated using 2012 as the base year  
# Consumer Price Index is calculated using 2017 as the base year

**Table 6.4. Public Expenditure by Sector**  
(Indicator No. 45)

(Kyat Million)

Sr.	Sector	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
1.	Agriculture	382,050.852	155,947.276	453,867.036	440,524.705	339,511.266	156,813.937	408,191.110
2.	Livestock & Fishery	30,987.718	13,507.321	49,227.040	33,714.582	24,358.726	16,367.071	35,149.475
3.	Forestry	259,699.054	21,205.341	60,403.980	56,479.284	50,781.794	18,712.487	44,613.026
4.	Energy	1,339,596.131	683,319.995	1,686,297.244	3,227,749.043	1,805,743.938	1,217,300.724	3,063,984.092
5.	Mining	136,498.919	21,450.711	57,238.365	167,448.119	114,950.424	103,609.985	131,999.018
6.	Processing & Manufacturing	557,642.245	319,216.687	830,534.339	516,044.952	557,663.329	408,793.354	1,092,481.674
7.	Electric Power	3,378,386.846	1,534,141.771	4,364,286.462	5,959,510.859	4,688,969.952	2,926,381.646	6,441,115.055
8.	Construction	1,339,916.462	109,601.239	596,728.744	1,354,015.668	876,773.169	278,029.080	834,475.206
9.	Transportation	775,698.144	301,388.785	975,459.123	1,033,127.714	537,228.429	449,589.148	1,336,305.883
10.	Communication	222,613.864	199,346.459	317,075.015	456,046.388	121,833.250	34,655.758	248,046.055
11.	Trade	244,193.234	308,174.297	673,445.120	230,443.659	178,815.283	125,338.066	311,017.367
12.	Social	2,723,991.219	1,244,497.817	3,372,026.002	4,016,780.885	3,050,906.140	1,405,351.228	3,732,467.474
	<i>Education</i>	1,651,802.399	788,127.314	2,087,753.611	2,131,878.354	1,842,244.342	853,247.830	2,253,817.711
	<i>Health</i>	867,906.334	357,837.103	968,161.378	1,188,021.456	631,954.177	301,860.249	856,035.679
	<i>Others</i>	204,282.486	98,533.400	316,111.013	696,881.075	576,707.621	250,243.149	622,614.084
13.	Financial Institutions	1,099,997.434	563,200.725	1,308,756.669	1,263,652.210	1,133,635.720	713,101.295	1,423,178.075
14.	Administrative Organizations	9,524,508.612	4,800,370.339	11,941,006.707	14,743,764.943	14,114,443.236	6,854,871.801	14,944,906.195
<b>Total</b>		<b>22,015,780.734</b>	<b>10,275,368.763</b>	<b>26,686,351.846</b>	<b>33,499,303.011</b>	<b>27,595,614.656</b>	<b>14,708,915.580</b>	<b>34,047,929.705</b>

Note: 2017-2018 and 2022-2023 Fiscal Year are April to March, 2018-2019 to 2020-2021 Fiscal Year is October to September and 2021-2022 Fiscal Year is October to March Mini Budget. Including States and Regions.  
It is compiled based on the data from summary of the Union's Budget Estimate (2023-2024 FY). It is included interest, grant, emergency fund and States & Regions data.

## CHAPTER 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. 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 7.1. Food Production and Land Use**  
(Indicator No. 43, 47 & 48)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Food Availability per Head (kg.)</b>							
Rice	227.08 <sup>\$</sup>						
Edible Oil	30.09 <sup>\$</sup>						
Meat	59.27 <sup>\$</sup>						
Fish	104.89 <sup>\$</sup>						
Beans & Pulses	81.15 <sup>\$</sup>						
(PD)							
Gross Sown Area ('000 acres)	50,526		49,139	48,527	48,323	48,817	49,399
Cultivated land per head (acre) <sup>#</sup>	0.5580		0.5509	0.5446	NA	NA	NA
(DAMLS)							
<b>Land Use/Land Cover ('000 Acres)</b>							
- Net Sown Area	29,792		29,674	29,593	29,615	29,721	29,666
- Fallow Land	1,149		1,214	1,241	1,254	1,229	1,266
- Cultivable Waste Land	13,695		14,243	16,488	16,470	16,299	16,307
(DAMLS)							
- Forest Cover				70,533 <sup>*</sup>			
- Other Wooded Land				46,347 <sup>*</sup>			
- Reserved Forest and Protected Public Forest (RF and PPF)	42,486		42,977	43,139	43,238	43,112	43,198
- Protected Area System(PAS)	9,682		9,783	10,169	10,184	10,751	10,759
(FD)							

Note: \$ End of March figures

# 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

\* Forest cover and other wooded land area for 2020 is the source data from FRA 2020. This appraisal is published by FAO once every 5 years

NA=Not Available

## CHAPTER VIII OTHER INDICATORS

The indicators related to transportation, communication and information are listed in table 8.1, the other indicators related to mass media are shown in table 8.2 and the social welfare establishments are shown in table 8.3 and other indicators are shown in table 8.4, 8.5, 8.6, 8.7 and 8.8.

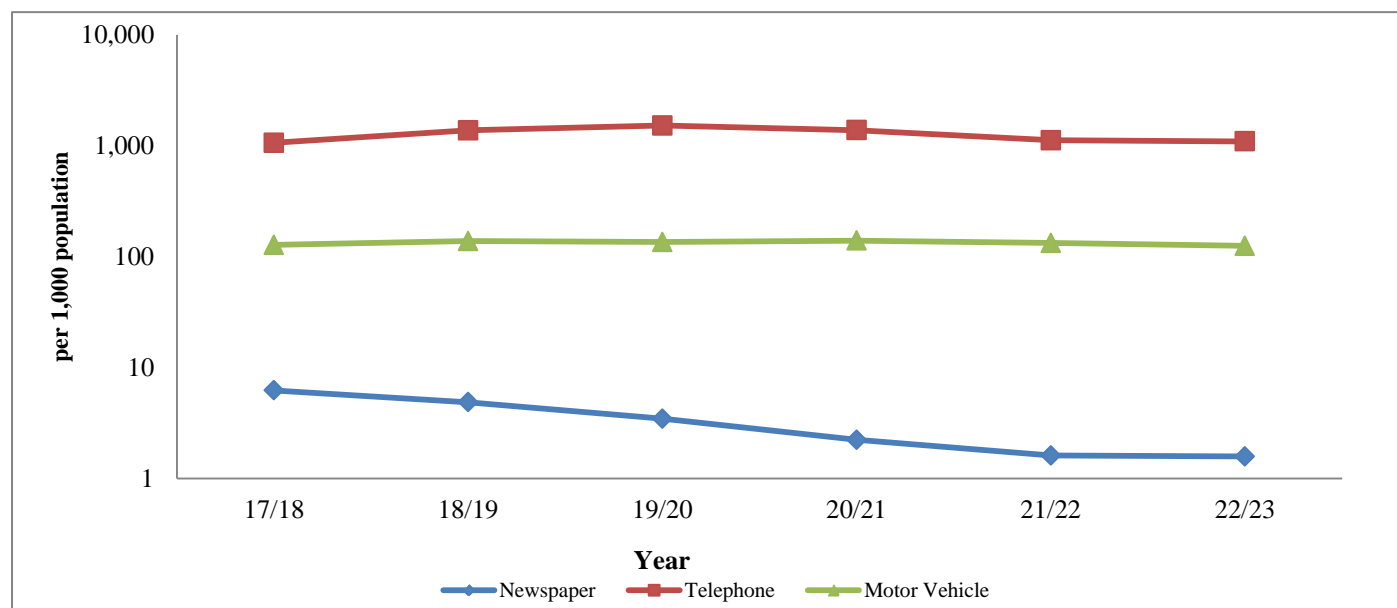
**Table 8.1 Transportation, Communication and Information Indicators**  
(Indicator No. 49, 51, 52, 53, 54 & 55)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
Number of Motorcars (per 1,000 population)* <sup>1</sup>	18.75		20.40	20.39	20.73	20.98	20.88
Number of Two-wheelers (per 1,000 population)* <sup>2</sup>	105.64		114.53	111.69	116.99	108.81	101.61
Number of Motor Vehicles (Total)(per 1,000 population)* <sup>3</sup> (RTAD)	127.39		138.09	135.28	140.68	132.62	125.10
- Railway Traffic Passenger Miles (million) (MR)	1,997.659	897.407	1,904.888	1,062.249	36.194	96.729	458.564
<b>Road and Bridge Traffic</b>							
- Road (Mile/Furlong)	1,881/3	1,107/3	3,283/6	5,211/5	4,515/4	1,182/1	1,259/3
- Bridge (No.) (DRRD)	1,378	602	2,075	3,510	2,997	1,133	1,194
<b>Construction of Rural Farm Road</b>							
- Mile/Furlong		75/0	266/7	614/5	493/7	204/4	363/6
<b>Construction of Rural Farm Bridge</b>							
- Number		40	220	875	783	344	683
- Feet (DRD)		253	2,341	7,717	10,114	3,297	5,156
<b>Bridge Traffic</b>	<b>124</b>	<b>36</b>	<b>108</b>	<b>107</b>	<b>103</b>	<b>38</b>	<b>71</b>
- Below of 180 ft Bridge	89	23	76	63	73	24	52
- 180 ft and Above of 180 ft Bridge (DOB)	35	13	32	44	30	14	19
<b>Road Traffic</b>							
- Road(Mile/Furlong) (DOH)	26,311/5		26,208	26,323/6	26,458/6	26,523/4	41,021
- Railway Traffic Cargo-Ton Miles (million)	421.198	225.447	457.634	491.076	207.337	83.316	268.805
- Railway Track Miles	4,939.54	4,939.54	4,939.54	4,939.55	4,939.55	4,845.08	4,845.08
- Railway Route Miles (MR)	3,797.92	3,797.92	3,797.92	3,797.92	3,797.92	3,868.59	3,868.59
<b>Telecommunication</b>							
- Number of Telephone Subscribers	56,624,067		74,010,081	82,647,000	75,580,000	61,860,000	60,930,000
- Number of Fixed Subscribers	557,078		350,322	520,000	520,000	520,000	520,000
- Number of Mobile Subscribers	56,066,989		73,659,759	82,127,000	75,060,000	61,340,000	60,410,000
- Number of Mobile Internet Subscribers (Operators) <sup>#</sup>	37,826,838		65,242,182	79,805,000	67,928,000	54,390,000	55,670,000
- Number of Internet Subscribers	19,435,325		65,840,137	80,290,000	68,448,000	54,910,000	56,190,000
- Telephone per 1,000 Inhabitants (Operators) (PTD)	1,099.79		1,361	1,514	1,367	1,108	1,091

- Note:   \*<sup>1</sup> In the statistics of "Number of Motorcars", Passenger Cars, Buses, Trucks (Light Duty), Truck ( Heavy Duty) and Special Purpose Vehicles are included
- \*<sup>2</sup> In the statistics of "Number of Two-wheelers", Motorized Bicycle, Moped-Cycles, Scooters, Motorcycles and Electric Motorcycles are included
- \*<sup>3</sup> In the statistics of "Number of Motor Vehicles (Total)", Passenger Cars, Buses, Trucks (Light Duty), Truck (Heavy Duty), Special Purpose Vehicles, Two-wheelers, Three-wheelers, Trawlergyi and Machinery are included
- # Number of Mobile Internet Subscribers (Operators) is the data of 4 operators. (Data of Mytel operator are not included in 2017-2018 and 2018-2019 data.)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Postal Services</b>							
- Average area covered by per post office(square kilometer)	490		487	486	487	474	481
- Average number of total inhabitants served by per postal employee	10,720		11,841	12,601	17,679	15,648	16,577
- Average number of letter item sent by per person as per year	0.03		0.03	0.02	0.04	0.05	0.04
- <b>Total number of post offices</b>	<b>1,382</b>		<b>1,389</b>	<b>1,391</b>	<b>1,390</b>	<b>1,427</b>	<b>1,406</b>
- <i>Full function post offices</i>	783		834	844	313	350	353
- <i>Non full function post offices</i>	208		169	161	691	654	652
- <i>Agency post offices</i>	391		386	386	386	423	401
- Total number of staffs	4,803		4,348	4,065	3,128	3,534	3,336
- Total number of post office boxes	365		345	345	1,574	3,027	4,415
- Total number of street letter boxes	1,330		1,165	1,165	636	1,081	1,281
- Financial transactions post offices	783		834	844	843	843	844
- Express Mail Service (Cities)	299		310	332	393	401	405
- Express Money Order Service (Cities)	418		413	413	413	699	706
(PTD)							
<b>Daily Newspapers</b>	<b>332</b>	<b>315</b>	<b>262</b>	<b>188</b>	<b>122</b>	<b>89</b>	<b>88</b>
No.in Circulation ('000)							
Myanmar	316	299	248	177	115	84	83
English	16	16	14	11	7	5	5
(NPE)							

**Chart 8.1 Transportation and Communication Indicators**



**Table 8.2. Mass Media**  
(Indicator No. 56)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Public*</b>							
Other Mass Media							
- District Public Libraries	74		74	79	79	79	79
- Township Public Libraries	256		256	251	251	245	245
- Sub-township Public Libraries	87		87	88	88	86	86
- Readers('000)	3,670		3,324	2,683	1,435	241	1,077
<b>Private*</b>							
- 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	6,106		6,106	6,106	6,106	3,508	3,508
<b>Cinema</b>							
- Digital Cinema	122	46	151	206	221	196	196
- Film Cinema	13	4	6	9	8	8	8
- Video-Parlors	3,229	522	2,572	1,759	339	3	39
- Karaoke Lounge	3,783	1,203	3,190	2,679	410	618	3,722
- Video-Shooting House	769	206	692	456	60	23	115
<b>Learning Centre(Graduates)</b>							
- Private Film Training School	158		233	225	12	12	62
<i>(IPRD)</i>							
<b>Transmit TV &amp; FM &amp; DVB- T2</b>							
- TV Retransmitting Station	254	255	258	258	258	258	258
- Analogue TV Transmitting	251	251	251	251	251	251	251
- Digital DVB- T2 Transmitting	151	151	151	153	153	154	155
- Radio FM Transmitting	84	84	84	85	85	85	85
- J.V FM Radio (Station)	81	81	83	86	86	86	86
- J.V FM Radio(Company)	6	6	6	7	7	7	7
- Radio Transmitter Station	3	3	3	3	3	3	3
- Myanma Radio (English)					3	3	3
- ThaPyay Radio					1	1	1
- Community FM Radio(Khayae FM Radio)	1	1	1	1	1		
<i>(MRTV)</i>							
Broadcast the variety of programmes through Myanmar Education Channel						1,759	1,899
<i>(DAE)</i>							

Note: \* These figures refer to calendar year

**Table8.3 Social Welfare Establishments**  
(Indicator No. 57)

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
57.	<b>Social Welfare Establishments</b>							
	<b>Residential Nursery (GOs)</b>							
	(1) Number of Nurseries	7	7	7	7	8	8	8
	(2) Number of Children	279	294	356	374	380	372	370
	<b>Pre-Primary School (GOs)</b>							
	(1) Number of Schools	104	123	129	142	142	132	155
	(2) Number of Children	15,094	16,866	18,076	19,069		11,038	19,027
	<b>Central Early Childhood Care and Development Resource Center (GOs)</b>							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Trainees	1,081	586	773	110	553	158	437
	<b>Community based Mother Circles</b>							
	(1) Number of Mother Circles	373	442	646	1,200	931		653
	(2) Number of Children	9,560	8,870	13,125	24,205	18,825		13,060
	<b>Training School for Boys /Girls(GOs)</b>							
	(1) Number of Schools	10	10	10	11	11	11	11
	(2) Number of Boys/Girls	1,574	1,685	2,214	2,507	2,082	1,987	2,801
	<b>Women Development Center(GOs)</b>							
	(1) Number of Centers	2	2	2	2	2	2	2
	(2) Number of Women	150	162	157	185	187	181	193
	<b>Vocational Training Center for Women (GOs)</b>							
	(1) Number of Centers	4	4	4	4	4	4	4
	(2) Number of Women	286	308	331	244	239	241	245
	<b>Center for Women Care and Development (GOs)</b>							
	(1) Number of Centers	2	2	2	2	2	2	2
	(2) Number of Women		2	3	4	135	152	479
	<b>One Stop Women Support Center(GOs)</b>							
	(1) Number of Centers		4	4	6	6	6	7
	(2) Number of Survivors		171	145	76	30	8	34
	<b>Day Care Center for the Aged(GOs)</b>							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of the Elderly	70	70	70	70	70	71	87
	<b>Care Giver Training for Elderly People</b>							
	(1) Number of Trainings	2		3	1		1	2
	(2) Number of Trainees	37		85	38		27	49
	<b>School for Children with Visual Disabilities (GOs)</b>							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	226	243	255	248	1	31	126
	<b>School for Children with Hearing Disabilities (GOs)</b>							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	322	329	358	350	15	53	172

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Vocational Training School for Adult Persons with Disabilities(GOs)</b>							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	151	59	216	241		36	165
	<b>School for the Children with Disabilities (GOs)</b>							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	353	340	343	321		56	203
	<b>Disabled Care Center (GOs)</b>							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Children	93	99	107	110	109	110	116
	<b>School for Home Science(GOs)</b>							
	(1) Number of Schools	10	10	11	11	11	11	11
	(2) Number of Trainees	10,574	4,160	7,046	3,510	1,248	1,444	3,519
	<b>Social Welfare Training School(GOs)</b>							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	409	424	618	559	388	205	470
	<b>Social Safety Net and Social Protection Services</b>							
	(1) Number of Program	2	2	2	2	2	2	2
	(2) Social Pension(Number of beneficiaries)	40,909	43,310	188,740	229,979	248,322	241,125	206,887
	(3) Maternal and Child Cash Transfer (Number of beneficiaries)	74,093	93,213	203,198	371,101	473,684	432,626	461,364
	<b>Voluntary Youth Development Center(NGOs)</b>							
	(1) Number of Centers	229	223	231	231	218	211	182
	(2) Number of Children	20,180	19,756	21,933	21,855	18,932	15,787	16,256
	<b>Vocational Training School for Women (NGOs)</b>							
	(1) Number of Schools	12	12	13	13	13	15	17
	(2) Number of Students	824	871	1,084	1,213	1,206	990	1,215
	<b>Home for the Aged (NGOs)</b>							
	(1) Number of Homes (Registered)	80	80	82	83	85	92	93
	(2) Number of the Elderly	2,828	2,862	2,993	3,033	2,963	2,640	2,786
	<b>Voluntary Schools for the Persons with Visual Disabilities (NGOs)</b>							
	(1) Number of Schools	6	6	6	6	6	6	6
	(2) Number of Trainees	370	475	497	510	424	282	396
	<b>Voluntary Schools for the Persons with Hearing Disabilities (NGOs)</b>							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	182	203	221	247	247	23	145
	<b>Voluntary Schools for the Children with Disabilities (NGOs)</b>							
	(1) Number of Schools	5	5	5	5	5	4	3
	(2) Number of Trainees	533	563	554	589	334	332	262
	<b>Voluntary Pre-primary School(NGOs)</b>							
	(1) Number of Schools	978	1,024	1,024	1,545	1,408	1,161	1,712
	(2) Number of Children	35,174	35,315	34,938	95,570		19,731	47,830

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Voluntary Night School (NGOs)</b>							
	(1) Number of Schools	19	17	17	19	5	11	14
	(2) Number of Children	2,686	2,411	2,287	2,242	776	1,115	1,321
	<b>Voluntary Youth Center(NGOs)</b>							
	(1) Number of Centers	39	29	26	28	7	6	6
	(2) Number of Children	6,031	2,167	1,140	1,549	340	209	200
	(DSW)							
	<b>Rehabilitation Center for Ex-Drug Addicts (GOs)</b>							
	(1) Number of Centers	12	12	11	14	14	14	14
	(2) Number of Participants	566	122	558	420	105	80	280
	<b>Allowances of Department of Rehabilitation</b>							
	Association for the Rehabilitation of Drug Addicts(Myanmar), Yangon and Association of Voluntary Social Workers (Mandalay)							2
	Total Allowances (Million Kyat)							2.000
	<b>Allowances of Department of Rehabilitation</b>							
	Number of People Injured by Explosive Ordnance	129	271	141	70	63	12	35
	Total Allowances (Million Kyat)	25.800	54.200	28.200	14.000	12.600	2.400	7.000
	<b>Allowances of Department of Rehabilitation</b>							
	Number of people with disabilities			2,023	234,226	42,139	5,518	2,159
	Total Allowances (Million Kyat)			610.090	7,382.949	1,281.105	166.210	74.250
	<b>Temporary Shelter for Victims of Trafficking (GOs)</b>							
	Number of Shelters	4	4	4	5	5	5	5
	Number of Victims	144	204	462	317	98	7	38
	<b>Rehabilitation Assistance</b>							
	Number of Persons						12	13
	Total Amount (Million Kyat)						8.500	9.400
	<b>Referral &amp; Coordination Center for Trafficked Persons (Yangon) *</b>							
	(1) Number of Centers			1	1	1	1	1
	(2) Number of Persons			314	185	184	140	170
	(DOR)							

Note: \* In order to share the information that are needed by trafficked persons, to provide the psycho-social support, to repatriate and to reintegrate with their relatives and to get the job opportunities by coordination with other relevant departments and social organizations, Referral & Coordination Center for Trafficked Persons has opened at Yangon.

**Table 8.4 Establishments under Myanmar Maternal and Child Welfare Association**  
(Indicator No. 58)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Establishments under Myanmar Maternal and Child Welfare Association</b>							
- Total number of Maternity Home	130		129	129	129	129	
- Total number of Maternity Waiting Homes	11		12	11	11	11	
- Number of Community Nutrition Center	442		444	358	217	164	
- Preschools	498		467	424	402	306	
- Day Care Centers	21		28	21	13	19	
- Number of Children	18,507		16,877	16,021	9,329	4,606	
- Number of Person Attending Sewing Courses	17,154		21,649	15,638	4,978	1,666	
- Number of Person Attending Cooking Courses	29,004		38,950	21,334	5,907	2,209	
- Number of Person Attending other Skill Courses	12,594		19,247	18,840	4,736	930	
- Number of Person Implementing Agriculture and Veterinary Works	2,609		2,327	2,538	1,297	555	
- Number of Digging Wells	5,497		1,368	415	118	102	
- Chlorination and Repairing Existing Wells	53,735		30,527	29,016	8,331	8,552	
- Number of Newly Built Fly-proof Latrines as to the time of report duration	9,328		5,401	4,316	1,631	248	
(MMCWA)							

**Table 8.5 Total Number of Villages with Social Services**  
(Indicator No. 59)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
Total Number of Villages (GAD)	63,300		63,218	63,219	63,221	63,221	63,217
- Number of Villages with School	43,943		42,113	NA	NA		
- Percentage of Villages with School (DBE)	69.00		66.62	NA	NA		
- Number of Villages with RHC or Sub RHC*	10,231		10,477	10,549	10,981 <sup>@</sup>	10,981 <sup>\$</sup>	10,981 <sup>\$</sup>
- Percentage of Villages with RHC or Sub RHC* (DOPH)	16.02		18.00	17.00	17.36 <sup>@</sup>	17.36 <sup>\$</sup>	17.36 <sup>\$</sup>
- Number of Electrified Villages (Off Grid)	1,719		3,314	1,431	35	8	993
- Number of Households of Energy Consumption by Rural Areas (DRD)	94,888		134,783	71,907	7,132	1,696	52,246
- Number of Co-operative Society	40,613	40,584	40,178	39,622	39,338	38,954	38,760
- Members of Co-operative Society (in million)	4.25	4.25	4.23	4.22	4.21	4.20	4.19
(DOC)							
- Total Number of Electrified Villages	32,475	33,602	34,532	37,247	39,758	40,171	41,376
- Number of Electrified Villages(On Grid)	11,614	13,210	14,881	19,137	23,118	23,612	25,291
- Number of Electrified Villages (Off Grid)	20,861	20,392	19,651	18,110	16,640	16,559	16,085
- Percentage of Electrified Villages	50.96	52.73	54.58	58.88	62.85	63.54	65.45
- Unit Consumed (in millions)	17,251.91	9,573.47	19,478.05	20,014.72	19,369.67	8,708.26	17,183.55
- No. of Consumer (in thousands)	4,337.69	4,617.81	5,140.06	6,161.87	6,639.00	6,796	7,147
(DEPP)							

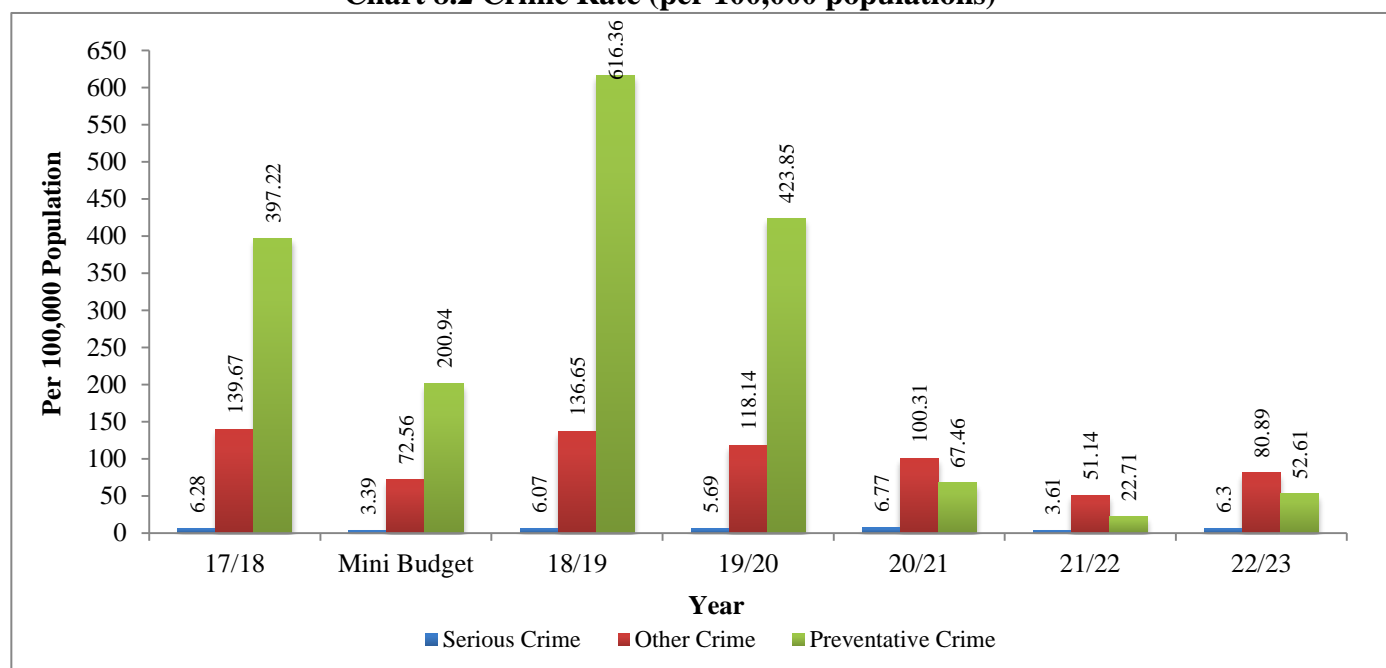
Note: \* Calculation based on calendar year  
Source: @ Health Information Division, Planning Division (DOPH)  
\$ Planning Division (DOPH)  
NA=Not Available

**Table 8.6 Crime Rate**  
(Indicator No. 60)

Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
<b>Crime Rate(per 100,000 population)<sup>#</sup></b>	<b>543.17</b>	<b>276.89</b>	<b>759.08</b>	<b>547.68</b>	<b>174.54</b>	<b>77.46</b>	<b>139.80</b>
- Serious Crime	6.28	3.39	6.07	5.69	6.77	3.61	6.30
- Other Crime	139.67	72.56	136.65	118.14	100.31	51.14	80.89
- Preventative Crime	397.22	200.94	616.36	423.85	67.46	22.71	52.61
<b>Transnational Crime</b>							
- Narcotic Crime	9,525	5,189	13,041	14,511	7,625	6.52	11.10
- Trafficking in Persons	203	95	234	142	35	0.01	0.05
Population and Police Ratio (MPF)	1:1,136	1:1,163	1:1,155	1:1,167	1:1,263		1:742

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

**Chart 8.2 Crime Rate (per 100,000 populations)**



**Table 8.7 Single Leading Causes of Morbidity for Union (Percentage)**  
(Indicator No. 61)

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
61.	<b>Single Leading Causes of Morbidity Percentage)<sup>*</sup></b>	<b>100.0<sup>&amp;</sup></b>		<b>100.0<sup>&amp;</sup></b>	<b>100.0<sup>&amp;</sup></b>	<b>100.0<sup>&amp;</sup></b>	NA	NA
	- Single spontaneous delivery <sup>#</sup>	8.1		7.9	7.6	8.6(p)	NA	NA
	- Diarrhoea and gastroenteritis of presumed infectious origin	4.9		4.3	4.7	3.8(p)	NA	NA
	- Viral infection of unspecified site	5.5		4.4	6.7	3.0(p)	NA	NA
	- Single delivery by caesarean section	5.2		5.5	5.0	6.7(p)	NA	NA
	- Other and unspecified injuries of head	3.3		3.0	2.8	2.9(p)	NA	NA
	- Gastritis and duodenitis	3.0		2.9	2.9	2.9(p)	NA	NA
	- COVID-19 confirmed					2.4(p)	NA	NA
	- Acute upper respiratory infections of multiple and unspecified sites	1.9		1.7	1.4		NA	NA

Source: \* Health Information Division, Electronic Health Management Information System/DHIS2(DOPH )

Note: & Calculation based on Calendar year.

# These figures are 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

p= provisional data

NA= Not Available

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	- Pneumonia, organism unspecified	1.2		1.4	1.3	1.0(p)	NA	NA
	- Unspecified abortion	1.6		1.5	1.2	1.2(p)	NA	NA
	- Mental and behavioural disorders due to use of alcohol	1.5		1.4	1.5	1.4(p)	NA	NA
	- Neonatal jaundice from other and unspecified causes	1.4			1.3	1.6(p)	NA	NA
	- Essential (primary) hypertension	1.4		1.5	1.4	1.4(p)	NA	NA
	- Other cataract			1.4	1.2		NA	NA
	- Injury of unspecified body region	1.2					NA	NA
	- Respiratory tuberculosis, not confirmed bacteriologically or histologically						NA	NA
	- Dengue haemorrhagic fever	2.2		1.5	1.6		NA	NA
	- Single delivery by forces and vacuum extractor	1.1				1.1(p)	NA	NA
	- Unspecified acute lower respiratory infection			1.4	1.4	1.0(p)	NA	NA
	- Acute appendicitis			1.1		1.2(p)	NA	NA
	- Heart failure						NA	NA
	- All other causes	56.5		59.1	58.0	59.8(p)	NA	NA
	(DOPH)							

p=provisional data

NA= Not Available

**Table 8.8 Single Leading Causes of Mortality for Union (Percentage)**

(Indicator No. 62)

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
62.	<b>Single Leading Causes of Mortality for Union (Percentage)*</b>	<b>100.0</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>NA</b>	<b>NA</b>
	- Other septicaemia	4.7		4.6	5.6	5.6(p)	NA	NA
	- COVID-19 confirmed					5.5(p)	NA	NA
	- Disorders related to short gestation and low birth weight, not elsewhere classified	6.0		6.0	4.6	4.5(p)	NA	NA
	- Other and unspecified injuries of head	4.1		4.0		1.9(p)	NA	NA
	- Heart failure	2.9		2.6	2.5	2.4(p)	NA	NA
	- Intracranial injury	3.9		3.9	5.9	4.0(p)	NA	NA
	- Stroke, not specified as haemorrhage or infarction	3.0		2.3	2.4	1.8(p)	NA	NA
	- HIV	2.2					NA	NA
	- Birth asphyxia	3.1		2.9	2.4	2.2(p)	NA	NA
	- Intracerebral haemorrhage	2.2		2.1	2.4	2.5(p)	NA	NA
	- Respiratory tuberculosis, not confirmed bacteriologically or histologically	2.2		2.1	1.9	1.8(p)	NA	NA
	- Fibrosis and cirrhosis of liver	2.7			1.7		NA	NA
	- Pneumonia, organism unspecified	2.1		2.2	2.8	2.7(p)	NA	NA
	- Essential (primary) hypertension	2.5		2.4	1.8	2.0(p)	NA	NA
	- Bacterial sepsis of newborn				2.0		NA	NA
	- Alcoholic liver disease	1.8		2.1	2.0	2.2(p)	NA	NA
	- Hepatic failure						NA	NA
	- Acute myocardial infarction			1.5	1.6	1.6(p)	NA	NA
	- Other chronic obstructive pulmonary disease			1.5	1.7		NA	NA
	- Shock, not elsewhere classified					1.8(p)	NA	NA
	- Unspecified diabetes mellitus	1.9		1.8			NA	NA
	- Malignant neoplasm of liver and intrahepatic bile ducts						NA	NA
	- Pneumonitis due to solids and liquids						NA	NA
	- All other causes	54.7		57.9	58.7	57.5(p)	NA	NA
	(DOPH)							

Source: Health Information Division, Electronic Health Management Information System/DHIS2(DOPH)

Note: \*Calculation based on Calendar year.

p=provisional data

NA= Not Available

## CHAPTER IX

## LIST OF INDICATORS BY SERIES

The first HRDI handbook was published in 1997. The current handbook happens to be the twenty-third consecutive publication. Only public sectors were described in the past indicators, but both public and private sectors are included in the indicators nowadays.

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
1.	Total Population (Million) <b>Total</b>	<b>53.39</b>		<b>53.86</b> *	<b>54.34</b> *	<b>54.82</b> *	<b>55.30</b> *	<b>55.77</b> *
	Male	25.65		25.85 *	26.05 *	26.25 *	26.46 *	26.66 *
	(DOP) Female	27.74		28.01 *	28.29 *	28.57 *	28.84 *	29.11 *
2.	Dependency Ratio <b>Total</b>	<b>51.6</b>		<b>51.2</b> *	<b>50.6</b> #	<b>50.4</b> *	<b>50.1</b> *	<b>50.0</b> *
	Old-age DR(65+)	9.2		9.4 *	9.7 #	9.9 *	10.2 *	10.5 *
	Young DR(0-14)	42.4		41.8 *	40.9 #	40.5 *	39.9 *	39.5 *
	Dependency Ratio <b>Total</b>	<b>59.9</b>		<b>59.6</b> *	<b>59.4</b> #	<b>59.3</b> *	<b>59.3</b> *	<b>59.4</b> *
	Old-age DR(60+)	15.2		15.5 *	16.1 #	16.4 *	16.9 *	17.5 *
	(DOP) Young DR(0-14)	44.7		44.1 *	43.3 #	42.9 *	42.4 *	41.9 *
3.	Crude Birth Rate-CBR@ <b>Union</b>	<b>19.9</b> \$		<b>19.7</b> \$	<b>19.5</b> \$	<b>19.3</b> \$	<b>17.8</b> \$	<b>17.7(p)</b> \$
	(per1,000 population) Rural	21.2 \$		20.9 \$	20.6 \$	20.2 \$	18.7 \$	18.6(p)\$
	Urban	16.9 \$		16.9 \$	17.0 \$	16.9 \$	15.8 \$	15.7(p)\$
	Crude Birth Rate-CBR <b>Union</b>	<b>19.8</b> &		<b>19.5</b> *	<b>19.3</b> #	<b>19.1</b> *	<b>18.9</b> *	<b>18.7</b> *
	(per1,000 population) Rural	21.0&		20.6 *	16.9#	20.0 *	19.7 *	19.5 *
	(CSO, DOP) Urban	16.9&		17.0 *	20.3#	16.9 *	16.9 *	16.8 *
4.	Crude Death Rate-CDR@ <b>Union</b>	<b>8.9</b> \$		<b>8.7</b> \$	<b>8.6</b> \$	<b>8.5</b> \$	<b>9.0</b> \$	<b>8.9(p)</b> \$
	(per1,000 population) Rural	8.8 \$		8.6 \$	8.5 \$	8.4 \$	8.9 \$	8.8(p)\$
	Urban	9.1 \$		9.0 \$	8.8 \$	8.7 \$	9.2 \$	9.1(p)\$
	Crude Death Rate-CDR <b>Union</b>	<b>8.8</b> &		<b>8.6</b> *	<b>8.5</b> #	<b>8.4</b> *	<b>8.4</b> *	<b>8.3</b> *
	(per1,000 population) Rural	8.7&		8.5 *	8.7#	8.4 *	8.3 *	8.2 *
	(CSO, DOP) Urban	9.0&		8.8 *	8.4#	8.6 *	8.6 *	8.5 *
5.	Total Fertility Rate-TFR@ <b>Union</b>	<b>2.4</b> \$		<b>2.4</b> \$	<b>2.4</b> \$	<b>2.4</b> \$	<b>2.2</b> \$	
	Rural	2.7 \$		2.7 \$	2.7 \$	2.6 \$	2.5 \$	
	Urban	1.9 \$		1.9 \$	1.9 \$	1.9 \$	1.8 \$	
	Total Fertility Rate-TFR <b>Union</b>	<b>2.4</b> &		<b>2.4</b> *	<b>2.0</b> #	<b>2.4</b> *	<b>2.4</b> *	<b>2.3</b> *
	Rural	2.7&		2.7 *	1.7#	2.6 *	2.6 *	2.6 *
	(CSO, DOP) Urban	1.9&		1.9 *	2.2#	1.9 *	1.9 *	1.8 *
6.	Under 5 Mortality Rate@ (U5MR) <b>Union</b>	<b>62.6</b> \$		<b>60.2</b> \$	<b>59.7</b> \$	<b>58.2</b> \$	<b>50.5</b> \$	<b>50.6(p)</b> \$
	(per 1,000 live birth) Rural	69.5 \$		66.8 \$	66.5 \$	65.0 \$	53.0 \$	53.5(p)\$
	Urban	41.9 \$		41.0 \$	40.1 \$	39.2 \$	43.7 \$	42.8(p)\$
	Under 5 Mortality Rate(U5MR) <b>Union</b>	<b>NA</b>		<b>NA</b>	<b>37.7</b> #	<b>NA</b>	<b>NA</b>	<b>NA</b>
	(per 1,000 live birth) Rural	NA		NA	42.1 #	NA	NA	NA
	(CSO, DOP) Urban	NA		NA	26.3#	NA	NA	NA

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

# 2019 Inter-censal Survey (DOP)

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

& The 2014 Myanmar Population and Housing Census (DOP)

Note: \$ Calculating based on population projections, 2014-2050, Census Report Volume 4-F (DOP)

NA=Not Available

p = provisional data

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
7.	Maternal Mortality Ratio <sup>*</sup> (MMR) <b>Union</b> (per 100,000 live birth) Maternal Mortality Ratio(MMR) <b>Union</b> (per 100,000 live birth) (CSO, DOP) Rural Urban	202 <sup>#</sup> NA NA NA		208 <sup>#</sup> NA NA NA	206 <sup>#</sup> NA NA NA	204 <sup>#</sup> NA NA NA	223 <sup>#</sup> NA NA NA	
8.	Life Expectancy at Birth (years) <sup>*</sup> <b>Male-Union</b> Rural Urban <b>Female-Union</b> Rural Urban Life Expectancy at Birth (years) <b>Male-Union</b> Rural Urban <b>Female- Union</b> Rural Urban (CSO, DOP)	60.8 <sup>#</sup> 61.2 <sup>#</sup> 60.5 <sup>#</sup> 70.2 <sup>#</sup> 69.7 <sup>#</sup> 71.8 <sup>#</sup> 61.4 <sup>\$</sup> 61.9 <sup>\$</sup> 60.9 <sup>\$</sup> 70.5 <sup>\$</sup> 70.0 <sup>\$</sup> 72.0 <sup>\$</sup>		61.3 <sup>#</sup> 61.7 <sup>#</sup> 60.9 <sup>#</sup> 70.9 <sup>#</sup> 70.4 <sup>#</sup> 72.4 <sup>#</sup> 61.8 <sup>&amp;</sup> 62.3 <sup>&amp;</sup> 61.3 <sup>&amp;</sup> 70.9 <sup>&amp;</sup> 70.4 <sup>&amp;</sup> 72.4 <sup>&amp;</sup>	62.0 <sup>#</sup> 62.5 <sup>#</sup> 61.5 <sup>#</sup> 71.1 <sup>#</sup> 70.6 <sup>#</sup> 72.6 <sup>#</sup> 66.5 <sup>β</sup> 73.3 <sup>β</sup>	62.0 <sup>#</sup> 62.3 <sup>#</sup> 61.8 <sup>#</sup> 71.5 <sup>#</sup> 71.0 <sup>#</sup> 73.0 <sup>#</sup> 62.6 <sup>&amp;</sup> 63.1 <sup>&amp;</sup> 62.2 <sup>&amp;</sup> 71.6 <sup>&amp;</sup> 71.2 <sup>&amp;</sup> 73.0 <sup>&amp;</sup>	62.7 <sup>#</sup> 62.9 <sup>#</sup> 62.2 <sup>#</sup> 71.1 <sup>#</sup> 70.8 <sup>#</sup> 71.8 <sup>#</sup> 63.0 <sup>&amp;</sup> 63.4 <sup>&amp;</sup> 62.6 <sup>&amp;</sup> 71.9 <sup>&amp;</sup> 71.5 <sup>&amp;</sup> 73.3 <sup>&amp;</sup>	62.8(p) <sup>#</sup> 63.1(p) <sup>#</sup> 62.4(p) <sup>#</sup> 71.3(p) <sup>#</sup> 71.0(p) <sup>#</sup> 72.1(p) <sup>#</sup> 63.4 <sup>&amp;</sup> 63.8 <sup>&amp;</sup> 63.0 <sup>&amp;</sup> 72.2 <sup>&amp;</sup> 71.8 <sup>&amp;</sup> 73.6 <sup>&amp;</sup>
9.	<b>Percentage of Severe and Moderately Malnourished Children Under 5</b> Moderately Underweight (%) <sup>@</sup> (DOPH) Severe Underweight (%) <sup>@</sup>	15.2 <sup>^</sup> 3.7 <sup>^</sup>		15.7 <sup>®</sup> 3.4 <sup>®</sup>	2.0 <sup>∞</sup> 0.2 <sup>∞</sup>	1.9 <sup>∞</sup> 0.2 <sup>∞</sup>	1.37 <sup>μ</sup> 0.13 <sup>μ</sup>	1.16 <sup>μ</sup> 0.11 <sup>μ</sup>
10.	Contraceptive Prevalence Rate among Union eligible couples <sup>@</sup> (MordernMethdod)(%) (DOPH)	67.2 <sup>¢</sup>		69.3 <sup>¢</sup>	71.1 <sup>¢</sup>	72.2(p) <sup>**</sup>		
11.	Percentage Coverage of Pentavalent Vaccine (3 <sup>rd</sup> Dose) <sup>@</sup> (DOPH)	90.2 <sup>¢</sup>		92.1 <sup>¢</sup>	90.9 <sup>¢</sup>	84 <sup>©</sup>	19.8 <sup>©</sup>	66.9 <sup>©</sup>
12.	Number of Physician <sup>α</sup> Number of Physician (per 10,000 populations) (MOH)	14,262 2.65	15,307 2.84	15,845 2.92	15,531 2.83	14,352 2.60	6,057 1.09	5,846 1.04
13.	Number of Nurse <sup>α</sup> Number of Nurse (per 10,000 populations) (MOH)	21,713 4.03	21,897 4.07	23,494 4.32	25,505 4.65	24,735 4.47	11,385 2.04	11,009 1.96
14.	Number of Hospital Bed <sup>α</sup> Number of Hospital Bed (per 10,000 populations) (MOH)	55,022 10.22	55,097 10.23	55,378 10.19	55,768 10.17	56,698 10.25	56,698 10.17	56,814 10.10

Source: \* These figures represent calendar year. Civil Registration and Vital Statistics (CRVS) System (CSO)  
 \$ The 2014 Myanmar Population and Housing Census (DOP)  
 & Thematic report on population projections for the Union of Myanmar, State/ Regions, Rural and Urban areas, 2014-2050 (DOP)  
 β 2019 Inter-censal Survey (DOP)  
 ^ Myanmar Demographic and Health Survey (MDHS) (2015-2016) (DOPH)  
 ® Myanmar Micronutrient and Food Consumption Survey, MMFCS(2017-2018) (DOPH)  
 ∞ National Nutrition Centre, Department of Public Health (DOPH) (District Health Information System,DHIS-2)  
 ¢ Health Information Division (DOPH)  
 μ National Nutrition Centre(NNC), Electronic Health Management Information System/DHIS2 (DOPH)  
 \*\* Maternal and Reproductive Health Division, Electronic Health Management Information System/DHIS2 (DOPH)  
 © Central Expanded Program on Immunization(CEPI) (DOPH)  
 α These data only refer to Ministry of Health.  
 Note: # Calculating based on population projections, 2014-2050, Census Report Volume 4-F (DOP)  
 @ Calculation based on Calendar year.  
 p=provisional data  
 NA=Not Available

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
15.	<b>Number of Government Hospitals*</b>	<b>1,134</b>		<b>1,151</b>	<b>1,168</b>	<b>1,177</b>	<b>1,177</b>	<b>1,178</b>
	- Specialist Hospitals	33		33	33	33	33	33
	- General Hospitals with Specialist Services (200 beds & above)	51		51	51	52	52	53
	- 150 bedded hospitals	2		2	2	2	2	2
	- 100 bedded hospitals	40		40	40	43	43	42
	- 50 bedded hospitals	115		115	119	121	121	121
	- 25 bedded hospitals	149		150	148	146	146	146
	- 16 bedded hospitals	9		9	9	9	9	9
	- Station Hospitals	735		751	766	771	771	772
	Private Hospitals	224		244	251	256	259	266
	Private Specialist Clinic (DOMS)	655		890	895	898	1,033	1,005
16.	- Number of Villages per Rural Health Center <sup>§</sup>	36 <sup>π</sup>		31 <sup>π</sup>	34 <sup>π</sup>	33 <sup>π</sup>	33 <sup>π</sup>	33 <sup>π</sup>
	- Number of Villages per Rural Health Center or Sub Rural Health Center <sup>§</sup>	8 <sup>π</sup>		5 <sup>π</sup>	6 <sup>π</sup>	6 <sup>π</sup>	6 <sup>π</sup>	6 <sup>π</sup>
	(DOPH)							
17.	<b>Traditional Medicine Hospitals (Public Sector)<sup>^</sup></b>	<b>32</b>	<b>36</b>	<b>42</b>	<b>44</b>	<b>46</b>	<b>49</b>	<b>49</b>
	- 100 bedded hospitals	3	3	3	3	3	3	3
	- 50 bedded hospitals	9	9	9	9	9	9	9
	- 25 bedded hospitals	8	9	10	11	11	13	13
	- 16 bedded hospitals	12	15	20	21	23	24	24
	- Dispensaries(Public Sector)	260	260	260	260	260	260	260
	- Private Traditional Clinic (Estimated)	812	812	899	901	901	725	725
	- Registered Traditional Medical Practitioners	7,200	7,384	7,437	7,488	7,488	7,488	7,492
	- Traditional Medicine Practitioners Population ratio	1:7,421	1:6,973	1:6,923	1:6,876	1:7,937	1:7,235	1:7,285
	- Registered Traditional Medicine Drugs	14,046	14,387	14,862	15,019	15,183	15,487	15,762
	- Traditional Medicine Manufacturing Licenses	3,099	3,175	3,359	3,423	3,470	3,498	3,620
	(DTM)							
18.	Percentage of RHCs which are adequately supplied with Staff, Equipment and Essential Drugs <sup>§</sup>	100 <sup>#</sup>		100 <sup>#</sup>	100 <sup>#</sup>	100 <sup>#</sup>	NA	NA
	(DOPH)							
19.	- Percentage of Households with improved Water Supply <sup>§</sup>					86 <sup>@</sup>	81.5 <sup>@</sup>	87.4 <sup>@</sup>
	- Percentage of Population Coverage of People with improved Water Supply <sup>§</sup>					87.5 <sup>@</sup>	69.5 <sup>@</sup>	84.9 <sup>@</sup>
	(DOPH)							
	- Accessible to safe and convenient Village drinking water <sup>a</sup>	1,269	989	1,803	4,074	3,766	1,753	2,398
	(DRD)							
20.	- Percentage of households using (at least) basic sanitation services <sup>§</sup>	78.3		80.0 <sup>∞</sup>				
	- Percentage of Households that have Fly-Proof Latrines <sup>§</sup>				79.6 <sup>@</sup>	74.3 <sup>@</sup>	71.2 <sup>@</sup>	75.6 <sup>@</sup>
	- Percentage of population Coverage Using Fly-Proof Latrines <sup>§</sup>					80.4 <sup>@</sup>	66.2 <sup>@</sup>	80 <sup>@</sup>
	(DOPH)							
	- Proportion of population access to Union improve Sanitation Facilities	NA		NA	91.4 <sup>μ</sup>	NA	NA	NA
	(DOP)							

Source: \* These data only refer to Department of Medical Services

π Planning Division (DOPH)

# Health Information Division, Basic Health Division (DOPH)

@ Occupational and Environmental Health Division(OEH),Electronic Health Management Information System/DHIS2 (DOPH)

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

® Occupational and Environmental Health Division (DOPH)( MSDP NIF indicator 5.3.E).

μ 2019 Inter-censal Survey (DOP)

Note: § Calculation based on Calendar year.

^ All Data were carried over

a These lists are being implemented in villages by Department of Rural Development without lists of urban projects under control of Nay Pyi Taw Development Committee, Yangon City Development Committee and Mandalay City Development Committee.

pp=pandemic period

NA=Not Available

Sr.	Indicator		17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
21.	Gross Enrollment Ratios by Level (DBE)	Primary	112.87		110.56	102.24	pp	66.10	87.62
		Middle	74.96		78.29	78.36	pp	37.72	42.69
		High	56.59		59.84	61.02	pp	20.36	16.42
22.	Net Enrollment Ratios by Level (DBE)	Primary	96.99		97.00	95.07	pp	54.76	79.04
		Middle	63.68		71.45	72.35	pp	29.68	36.36
		High	56.59		46.21	50.55	pp	11.50	22.82
23.	Transition Rates by Levels* (DBE)	P to M	94.12		94.11		pp	34.45	
		M to H	87.17		87.13		pp	95.12	
24.	Retention Rates by Level*	Primary	69.64		73.55	78.40	pp	50.47	42.95
		Middle	80.78		84.33	83.32	pp	33.97	44.33
		High	81.14		83.79	97.10	pp	37.58	95.32
	Completion Rates by Level*	Primary	68.82		76.42	76.69	pp	44.53	39.93
		Middle	79.83		87.59	81.24	pp	29.15	40.88
		High	20.72		19.24	19.22	pp	14.39	78.85
	Gross Intake Rate	KG	110.34		93.46	93.58	pp	66.85	89.87
	Net Intake Rate	KG	96.59		79.00	79.02	pp	36.97	64.25
	(DBE)								
25.	Internal Efficiency of Primary Education Pupil -Teacher Ratio (DBE)	Efficiency (%)	87.20		97.65	94.17	pp		
		Graduates (%) <sup>&amp;</sup>	81.20		87.60	93.20	pp		
		Primary	1:20		1:21	1:20	pp	1:20	1:27
		Middle	1:28		1:28	1:27	pp	1:14	1:15
		High	1:26		1:26	1:23	pp	1:12	1:13
26.	<b>Enrollment in Basic Education</b>								
	Pre-Primary('000)	<b>Both Sexes</b>	<b>138</b>		<b>91</b>	<b>81</b>	<b>pp</b>		<b>864</b>
		Male	72		45	40	pp		445
		Female	66		46	41	pp		419
	Primary ('000)	<b>Both Sexes</b>	<b>5,038</b>		<b>4,954</b>	<b>4,847</b>	<b>pp</b>	<b>3,228</b>	<b>4,169</b>
		Male	2,587		2,541	2,483	pp	1,635	2,102
		Female	2,451		2,413	2,364	pp	1,593	2,067
	Middle('000)	<b>Both Sexes</b>	<b>2,935</b>		<b>3,014</b>	<b>3,087</b>	<b>pp</b>	<b>1,442</b>	<b>1,560</b>
		Male	1,434		1,481	1,524	pp	705	756
		Female	1,501		1,533	1,563	pp	737	804
	High ('000)	<b>Both Sexes</b>	<b>1,009</b>		<b>1,050</b>	<b>1,040</b>	<b>pp</b>	<b>415</b>	<b>479</b>
		Male	457		477	472	pp	183	212
		Female	552		573	568	pp	232	267
	(DBE)								
	<b>Monastic Education</b>								
	Primary('000)	<b>Both Sexes</b>	<b>220</b>		<b>216</b>	<b>207</b>	<b>pp</b>	<b>194</b>	<b>228</b>
		Male	116		114	135	pp	129	152
		Female	104		102	72	pp	65	76
	Middle('000)	<b>Both Sexes</b>	<b>83</b>		<b>88</b>	<b>92</b>	<b>pp</b>	<b>89</b>	<b>54</b>
		Male	45		46	54	pp	59	36
		Female	38		42	38	pp	30	18
	High('000)	<b>Both Sexes</b>	<b>6</b>		<b>6</b>	<b>6</b>	<b>pp</b>	<b>5</b>	<b>3</b>
		Male	3		3	3	pp	3	2
		Female	3		3	3	pp	2	1
	(DPPS)								
	<b>Non-Formal Education</b>								
	Non-Formal Primary	<b>Both Sexes</b>	<b>8,461</b>		<b>8,946</b>	<b>7,533</b>	<b>pp</b>	<b>5,928</b>	<b>5,935</b>
		Male	4,990		5,162	4,315	pp	3,228	3,244
		Female	3,471		3,784	3,218	pp	2,700	2,691

Note: \* Transition Rates, Retention Rates and Completion Rates are estimated  
 & Number of primary level graduates from the cohort of 100 new KG intakes under prevailing student flow rates.  
 pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	Non-Formal Middle <b>Both Sexes</b>	<b>191</b>		<b>179</b>	<b>295</b>	<b>pp</b>	<b>197</b>	<b>252</b>
	Male	111		105	162	pp	119	141
	Female	80		74	133	pp	78	111
	(DAE)							
27.	<b>Buddhistic Studies</b>	<b>223</b>		<b>233</b>	<b>250</b>	<b>112</b>	<b>180</b>	<b>147</b>
	<b>Buddha Dhamma*</b>	<b>98</b>		<b>114</b>	<b>131</b>	<b>pp</b>	<b>43</b>	<b>108</b>
	Dip(B.Dh) (Diploma of Buddha Dhamma)	48		51	64	pp	19	65
	B.A(B.Dh)(Bachelor of Arts in Buddha Dhamma)	30		43	51	pp	7	37
	M.A(B.Dh)(Master of Arts in Buddha Dhamma)	12		14	14	pp	12	4
	Ph.D (B.Dh)(Doctor of Philosophy in Buddha Dhamma)	8		6	2	pp	5	2
	<b>Buddhism<sup>#</sup></b>	<b>125</b>		<b>119</b>	<b>119</b>	<b>112</b>	<b>137</b>	<b>39</b>
	B.A(Buddhism) (Bachelor of Arts Buddhism)	111		102	102	92	124	29
	M.A(Buddhism) (Master of Arts Buddhism)	14		16	16	19	13	9
	Ph.D(Buddhism)(Doctor of Philosophy in Buddhism)			1	1	1		1
	(DPPS)							
	<b>Engineering and Architecture<sup>&amp;</sup></b>	<b>18,283</b>		<b>11,739</b>	<b>349</b>		<b>1,781</b>	<b>3,194</b>
	Diploma	161		203	164			
	Postgraduate Diploma							7
	B.E & B. Arch	16,775		11,073	185		1,599	3,028
	M.E & M. Arch	879		396			149	151
	Ph. D	468		67			33	8
	<b>Engineering Science</b>	<b>115</b>		<b>64</b>	<b>66</b>			
	B.Sc	9		6	11			
	B.Sc (Hons:)	106		58	55			
	(MMU,DHE,DAST, ETD)							
	<b>Myanmar Maritime University</b>							<b>148</b>
	B.E (Bachelor of Engineering)							53
	B.Sc							3
	B.Sc(Hons)							14
	Post Graduate Diploma							72
	M.E(Master of Engineering)							6
	(MMU)							
	<b>Myanmar Mercantile Marine College</b>	<b>126</b>		<b>106</b>	<b>132</b>		<b>71</b>	<b>83</b>
	Dip.N.S	56		56	63		49	27
	Dip.Mar.Tech	70		50	69		22	50
	Dip.E.Tech							6
	(MMMC)							

Note: \* Award from International Theravada Buddhist Missionary University  
 # Award from State Pariyatti Sasana University (Yangon and Mandalay)  
 & The same degrees are awarded from concerned Universities, Colleges are combined as one. However, degrees of Myanmar Maritime University are not included in 2021-2022 and 2022-2023.  
 pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Computer Science and Technology</b>	<b>2,769</b>		<b>2,436</b>			<b>863</b>	<b>1,231</b>
	<b>Computer Science</b>	<b>2,115</b>		<b>2,017</b>			<b>733</b>	<b>1,002</b>
	Post Graduate Diploma			26				
	D.C.Sc						90	139
	B.C.Sc	1,988		1,903			593	736
	B.E(Hons)						7	23
	M.C.Sc			88			12	90
	Ph.D(IT)	127					31	14
	<b>Information Science</b>	<b>206</b>		<b>34</b>			<b>1</b>	<b>12</b>
	M.I.Sc	16					1	12
	Ph.D(IT)	190		34				
	<b>Computer Applied Science</b>	<b>8</b>						<b>5</b>
	M.A.Sc	8						5
	<b>Computer Technology</b>	<b>440</b>		<b>385</b>			<b>126</b>	<b>212</b>
	B.C. Tech	421		367			121	186
	M.C.Tech	19		18			5	26
	<b>Applied Science</b>						<b>3</b>	
	B.S(Bio-Tech)						2	
	M.S (Bio-Tech)						1	
	(DAST)							
	<b>Economic University</b>						<b>3</b>	<b>3</b>
	<b>Economics</b>	<b>5,787</b>		<b>7,296</b>	<b>661</b>	<b>pp</b>	<b>59</b>	<b>364</b>
	B.A(Economics)	5,288		5,868		pp		
	B.Dev.S(Development Studies)	44		30	2	pp		12
	B.P.A(Public Administration)	47		27	2	pp		50
	B.P.A(Hons:)	7		5		pp		1
	M.P.A	7		403	314	pp	11	102
	B.Econ(Economics)	107		361	43	pp		159
	B.Econ (Hons:)(Economics)	41		14	1	pp	2	2
	M.Econ(Economics)	12		50	8	pp		7
	B.Dev.S(Hons:)	6				pp		
	M.Dev.S	82		136	43	pp	12	30
	Dip.DS	145		216	173	pp		
	Ph.D	1		2	7	pp	1	1
	D.E.S				54	pp	33	
	D.B.S			184	14	pp		
	<b>Statistics</b>	<b>339</b>		<b>948</b>	<b>315</b>	<b>pp</b>	<b>36</b>	<b>274</b>
	B.Econ(Statistics)	161		463	36	pp		224
	B.Econ(Statistics) (Hons:)	1		18	2	pp		
	M.Econ(Statistics)	8		35	23	pp		6
	Master of applied statistics							14
	BPS(Population Studies)	55		5	2	pp		18
	BPS(Hons:)	1		3		pp		1
	D.S.M			188	187	pp		
	D.S			132 <sup>#</sup>		pp	33	
	MPS(Master Population Studies)			6	5	pp		

Note # These figures include data provided by CSO and DHE  
pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	Ph.D	1		3	3	pp	3	
	Dip. RS	112		95	57	pp		11
	<b>Commerce</b>	<b>3,344</b>		<b>2,967</b>	<b>834</b>	<b>pp</b>	<b>109</b>	<b>1,016</b>
	B.Com	209		612	28	pp		375
	B.Act	87		78	8	pp		54
	B.Act(Hons:)	13		8	3	pp		
	BBA(Business Administration)	170		555	40	pp		268
	BBM	155		350	192	pp		
	B.Com(Hons:)			22	3	pp	2	2
	M.Com	13		32	43	pp		13
	M.B.A	189		466	345	pp	92	125
	D.M.A	57		28	31	pp	8	15
	DAA	2,017				pp		
	Post Graduate Diploma of Human Resource Management							11
	M.Act	4		22	4	pp		2
	BBA(Hons:)	13		23	2	pp	1	2
	D.Fac			182	49	pp		
	Dip of Bank (DB)	159		215		pp		
	Ph.D	6		8	13	pp	6	4
	MBF (Master of Banking and Finance)	107		230	5	pp		112
	Dip. Marketing	145		103	65	pp		
	PGDAA			33		pp		13
	PGDMM				3	pp		17
	MHTM(Master of Housing and Tourism Management)							3
	(DHE)							
	<b>Cooperative</b>	<b>1,489</b>		<b>1,873</b>	<b>1,654</b>			<b>592</b>
	Bachelor of Business Science (B.BSc) *	1,095		1,448	1,156			395
	Diploma in Applied Statistics (Dip.A.S)	112		101	106	pp	pp	46
	Diploma in Business Accounting (Dip.B.Acct)	79		109	133	pp	pp	64
	Diploma in Social Enterprise Management (Dip.S.E.M)	79		69	82	pp	pp	25
	Diploma in Regional Development (Dip.R.D)	61		68	89	pp	pp	32
	Diploma in Marketing Management (Dip.M.M)	63		78	88	pp	pp	30
	(DOC)							
	<b>Education University®</b>						<b>2</b>	<b>2</b>
	<b>Education</b>	<b>33,479</b>		<b>16,439</b>	<b>64,017</b>	<b>5,898</b>	<b>2,854</b>	<b>9,649</b>
	Diploma	7,506		597	48,675			273
	B.Ed	388		843	433		2,554	1,362
	B.Ed(Bridges)			607	159		159	313
	M.Ed	12		244	246		126	7
	D.T.Ed	12,956		7,107	4,493			
	Ph.D			13	21		15	29

Note: \* 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 University of Cooperative and Management (Thanlyin and Sagaing).

@ Department of Higher Education

pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	PPTT MA(TEFL) (DHE, ETD, DBE,DTE)	12,617		7,018 10	9,972 18	5,898		7,665
	<b>Forestry</b>	<b>99</b>	<b>9</b>	<b>101</b>	<b>28</b>	<b>23</b>	<b>7</b>	<b>39</b>
	B.Sc	76		76		12		26
	M.Sc(Local)	11		6		3	3	
	M.Sc(Overseas)	8	8	19	22	7	4	10
	Ph.D(Overseas)	4	1		6	1		3
	(FD, UFES)							
	<b>Veterinary &amp; Animal Science</b>	<b>329</b>	<b>1</b>	<b>309</b>	<b>3</b>	<b>76</b>	<b>18</b>	<b>100</b>
	B.V.Sc (Bachelor of Veterinary Science)	221		226				
	D.V.M (Doctor of Veterinary Medicine)					46		62
	B.A.Sc(Bachelor of Animal Science)	93		65		10	1	30
	M.V.Sc(Local) (Master of Veterinary Science)	11		17		19	15	3
	Ph.D(Local) (Doctor of Philosophy)	2		1		1	2	2
	Ph.D(Overseas) (Doctor of Philosophy)	2	1		3			3
	(UVS)							
	<b>Arts &amp; Science University and Degree Collage<sup>#</sup></b>						<b>42</b>	<b>42</b>
	<b>Arts &amp; Science<sup>*</sup></b>	<b>94,960</b>		<b>127,552</b>	<b>16,094</b>		<b>31,847</b>	<b>36,042</b>
	<b>Arts</b>	<b>65,019</b>		<b>83,008</b>	<b>5,571</b>		<b>26,356</b>	<b>17,155</b>
	Diploma	1,224		1,509	245		149	156
	B.A	61,616		78,627	3,215		25,375	16,014
	B.A(Hons:)	1,251		1,285	426		136	279
	B.A(Q)			222	49			
	M.A	837		1,219	1,475		632	651
	M.Res	91		22				
	Ph.D			124	161		64	55
	<b>Science</b>	<b>29,941</b>		<b>44,544</b>	<b>10,523</b>		<b>5,491</b>	<b>18,887</b>
	Diploma			231	65			
	B.Sc	23,850		37,025	6,061		4,130	16,918
	B.Sc(Hons:)	3,718		3,921	1,176		425	719
	M.Sc	1,854		2,488	2,843		844	1,135
	M.Res	404		50				
	Ph.D	115		86	203		92	115
	B.Sc(Q)			743	175			
	(DHE,ETD)							
	<b>Arts( Fine Arts)</b>	<b>112</b>		<b>142</b>	<b>33</b>		<b>30</b>	<b>64</b>
	B.A	34		56	11		15	23
	B.A(Hons)	21		13				
	PGDA	47		26	2		4	29
	B.A(HC)	4		4			2	
	M.A			33	20		4	12

Note: \* 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 Department of Higher Education and Department of Education and Training  
# Department of Higher Education

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	M.A(HC)	6		8			3	
	Ph.D(HC) Doctor of Arts (HonorisCausa)			2			2	
	(FAD)							
	<b>Foreign Languages University</b>						2	2
	<b>Foreign Languages</b>	<b>1,207</b>		<b>1,278</b>	<b>120</b>	<b>pp</b>	<b>8</b>	<b>516</b>
	Diploma	196		200		pp		28
	B.A	897		982	90	pp		480
	M.A	113		94	26	pp	7	7
	Ph.D	1		2	4	pp	1	1
	(DHE)							
	<b>Agriculture</b>	<b>531</b>		<b>678</b>	<b>233</b>	<b>pp</b>	<b>188</b>	<b>158</b>
	B.Agr.Sc(Bachelor of Agricultural Sceince)	493		613	171	pp	156	139
	M.Agr.Sc(Master of Agricultural Sceince)	18		54	44	pp	24	12
	Ph.D(Doctor of Philosophy)	7		7	15	pp	6	3
	Ph.D(by Research) (Doctor of Philosophy)			3	1	pp	2	
	Grad.Dip.Agr.Sc(Rice)(Post Graduate Diploma in Agricultural Science in Rice) <sup>@</sup>	11				pp		
	Post Grad Dip Agr.Sc(Post Graduate Diploma in Agricultural Science)	1			1	pp		3
	M.phill(Master of Philosophy)	1		1	1	pp		1
	(DOP(MOALI))							
	<b>Health</b>	<b>8,038</b>	<b>221</b>	<b>8,226</b>	<b>8,231</b>	<b>2,485</b>	<b>204</b>	<b>442</b>
	<b>Medical Science</b>	<b>3,223</b>	<b>115</b>	<b>3,136</b>	<b>2,805</b>	<b>2,080</b>	<b>174</b>	<b>211</b>
	M.B.B.S	2,058		1,898	1,460	1,222		24
	Post Graduate Diploma	220	11	123	171	79	24	24
	M.Med.Sc (Master)	813	87	947	937	660	99	115
	Dr.Med.Sc	96	13	151	191	96	44	40
	Ph.D	36	4	17	46	23	7	8
	<b>Dental Science</b>	<b>292</b>	<b>5</b>	<b>349</b>	<b>286</b>	<b>309</b>	<b>14</b>	<b>22</b>
	B.D.Sc	241		283	243	294		10
	M. D. Sc	44	4	53	36	7	14	8
	Dr.D.Sc	7	1	13	7	8		4
	<b>Pharmacy</b>	<b>194</b>		<b>207</b>	<b>268</b>	<b>30</b>	<b>4</b>	<b>31</b>
	B. Pharm	174		187	238	pp		19
	M. Pharm	12		15	25	28	4	9
	Ph.D	8		5	5	2		3
	<b>Medical Technology</b>	<b>266</b>		<b>271</b>	<b>308</b>	<b>16</b>	<b>3</b>	<b>32</b>
	B.Med.Tech	240		245	285	pp		28
	M.Med.Tech	26		26	23	16	3	2
	Ph.D							2
	<b>Nursing Science</b>	<b>2,263</b>		<b>2,705</b>	<b>2,851</b>	<b>50</b>	<b>9</b>	<b>49</b>
	Nursing Diploma	1,521		1,841	1,658	pp		
	B.N.Sc	681		800	1,116	pp		42
	M.N.Sc	61		61	77	47	9	5
	Ph.D			3		3		2

Note: @ Grad.Dip.Agr.Sc(Rice)(Post Graduate Diploma in Agricultural Science in Rice) was opened in 2016-2017 academic year and 2017-2018 academic year. It was suspended since 2019-2020 academic year.

pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Community Health</b>	<b>282</b>	<b>101</b>	<b>134</b>	<b>213</b>	<b>pp</b>		<b>10</b>
	Health Assistant	128	101		121	pp		
	B.Comm.H	151		131	92	pp		10
	M.Comm.H	3		3		pp		
	<b>No. of Basic Health Staff</b>	<b>1,518</b>		<b>1,424</b>	<b>1,500</b>	<b>pp</b>		<b>87</b>
	Midwife	1,377		1,275	1,351	pp		21
	Lady Health Visitor	141		149	149	pp		66
	<i>(DHRH)</i>							
	<b>Traditional Medicine *</b>	<b>3,743</b>	<b>3,743</b>	<b>3,829</b>	<b>3,912</b>	<b>3,912</b>	<b>3,990</b>	<b>4,028</b>
	Dip.T.Med <sup>#</sup> (Diploma in Traditional Medicine)	2,187	2,187	2,187	2,187	2,187	2,187	2,187
	B.M.T.M (Bachelor of Myanmar Traditional Medicine)	1,505	1,505	1,583	1,648	1,648	1,716	1,740
	M.M.T.M(Master of Myanmar Traditional Medicine)	51	51	59	77	77	87	101
	<i>(DTM)</i>							
	<b>UTCC, Global MBA Program</b>	<b>143</b>		<b>85</b>			<b>103</b>	<b>48</b>
	Master of Business Administration	143		85			103	48
	<i>(UMFCCI)</i>							
28.	<b>Skill Training in Technical Agricultural and Vocational Institutions by Skill Level</b>							
	- AGTI	161		139	136			146
	<i>(ETD)</i>							
	<b>GTI</b>							
	- School	25		25	28	28	28	28
	- Student	2,590		3,020	pp	pp	812	1,526
	<b>GTHS</b>							
	- School	34		35	35	35	35	35
	- Student	2,190		2,890	2,928	pp	838	293
	<i>(DTVET)</i>							
	- SAI	1,671		1,977	618	pp	994	
	<i>(DOP(MOALI))</i>							
	- Central Forestry and Development Training Center(CFDTC)	1,467	310	751	427	100	155	512
	- Myanmar Forest School (PyinOoLwin)	94		57	56	61		98
	<i>(FD)</i>							
	- Workshop Skill Training Course (WST)	151		76	13		21	138
	<i>(MMMC)</i>							
	- Lacquerware Technology College	122		102	14			23
	- Saunders' Weaving and Vocational Institute and (13) Weaving and Vocational Schools	387		419	162			353
	- Vocational Training (Short Term)	8,240	4,124	10,363	5,018	3,500	4,218	11,833
	<i>(SSID)</i>							
	- Commercial Schools	216	85	273	37		32	
	- Cooperative University and Colleges	5,364		5,676		pp	pp	839
	- Cooperative Training Schools	408	229	372	210		144	
	<i>(DOC)</i>							

Note: \* All data were carried over  
# Institute of Traditional Medicine was suspended in 2008  
pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	- Industrial Training Center – ITCs*	897	354	959	951	251	455	101
	- Mobile Vocational Training Unit	1,389	489	1,554	589	pp	39	216
	- Competency Based Modular Short Courses (3) months (DIC)	170	54	708	106	pp		
	- Training Concerned with Computer	1		2		pp	114	22
	- Boiler Operator Training	181	90	161	104	pp	pp	37
	- Boiler Special Advance Training						pp	40
	- Basic Electrician Training and Basic Electrician Mobile Training	683	307	878	322		pp	75
	- Electrician Advance Training	73		82		pp	pp	Nil
	- SMEs Supporting Training	53	45	49	39	2,837	pp	340
	(DISI)							
	- Carpenter Training	124		58	122			
	- Masonary and Bricklaying Training	393		168	367		55	93
	- Barbending Training	80		104	93			126
	- Road Construction	70		9	46			
	- Concrete Shuttering	51		12	14			22
	- Plumbing Training	53			50			23
	- Basic Auto-CAD Training	231		243	289	15	26	137
	- Surveying Training	119		115	138		12	37
	- Building Estimating Course	19		30	38			
	- Basic Building Technology Training				164			22
	- Cement Technology Operator Course	14						
	- Furniture and Cabinet Making Training				18			64
	- Basic Electronic Course	205		99	313		10	22
	- CNC Machine Training			42	66			
	- Mobile Phone Service Training	79		85	88			
	- Electrical Wiring	1,327		1,583	1,969	28	162	793
	- Solar Installation Training	22						10
	- Rewinding of Motor and Generator Training				20			
	- Motor Control Course	103		76	166		9	15
	- Electrical Appliances Services Training	241		176	169			89
	- Computer Hardware Maintenance Training			8				35
	- Programmable Logic Controller (PLC) Training			40	38			
	- Basic Mechanic Training(Diesel, Petrol)	89		122	97			
	- Welding Training	649		636	601		23	344
	- Lathe Machine Operations Training	8		4				
	- Petrol Engine Maintenance Training	31		10	11			
	- Single Cylinder Engine Maintenance Training	332		337	380		34	68
	- Motorcycle Services and Maintenance Training	466		392	583	52	15	93
	- Diesel Engine Maintenance Training	41			11			
	- Agricultural Machinery Services and Maintenance Training	165		162	34		32	30
	- Automotive Service Technology Training	30		38				
	- Air-Con Service Training	140		24	89			138
	- Basic Computer Training	1,591		2,157	2,784	28	394	715
	- Programming and Applied Software	27		8	47			71
	- Transformer and Electronic Circuit Training			25	33			
	- Networking Course				29			126
	- Sewing Training (Basic/Advanced)	1,279		1,393	1,666	123	263	287
	- Motor Sewing Training							825
	- Hair Dressing Training(Woman)	148		110	45			
	- Hair Cutting Training(Man)	69		76			36	27
	- Make-up Training				119			

Note: \* ITCs - Industrial Training Center (Sinde, Mandalay, Thagaya, Pakokku, Magway, Myingyan)  
pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	- Hotel Servicing Training	74		180	129			
	- Front Office Operation Training	103		41				
	- Housekeeping Training	192		61			15	
	- Food and Beverage Production Training	113		55	35			20
	- Food and Beverage Servicing Training				46			
	- Language Training	1,659		1,021	1,094			29
	- Mushroom Cultivation Training	26						
	- Baking & Confectionery Course			19	68		31	20
	- Food Service and Culinary Course			16	37			
	- Beverage Course			20	37			
	- Pomelo Wine and Jam Making Training Course				30			
	- Plants Tissue Culture Course			112				
	- Household Products Making Course (Liquid Soap, Hair Cream, Shampoo)			36	186	80	83	29
	- Cottage Industry Training			34	227		20	51
	- Driving Training				18			
	- Singapore-Myanmar Vocational Training Institute (SMVTI)	779		1,166	397			204
	- School for Industrial Training and Education (SITE)			240	134			166
	(DTVET)							
	<b>Training Schools for Development of Nationalities Youth from Border Areas</b>							
	- Number of Schools	44	45	45	45	45	44	47
	- Number of Students	6,719	7,067	6,634	5,787	5,229	5,225	4,139
	<b>Technical Schools for National Youths in Border Areas</b>							
	- Number of Schools	9	9	9	9	9	9	9
	- <b>Number of Students</b>	<b>979</b>	<b>420</b>	<b>534</b>	<b>200</b>	<b>180</b>	<b>183</b>	<b>410</b>
	- <i>Construction Training</i>			92	20	20	34	49
	- <i>Electrical Training</i>			106	45	50	34	87
	- <i>Welding Training</i>			115	40	40	39	81
	- <i>Motor Car Mechanic Training</i>			178	80	50	61	118
	- <i>Mobile Phone Repairing Training</i>			43	15	20	15	35
	- <i>Housekeeping Operation Course</i>							20
	- <i>Food and Beverage Service</i>							20
	- Mobile Technical Training Team*	77	32	42				
	<b>Vocational Training Schools of Domestic Science for Women</b>							
	- Number of Schools	43	45	46	46	46	46	47
	- <b>Number of Students</b>	<b>5,400</b>	<b>3,187</b>	<b>6,159</b>	<b>2,060</b>	<b>732</b>	<b>780</b>	<b>1,554</b>
	- <i>Advanced Vocational Dress Making Training</i>			1,670	1,869	729	760	1,534
	- <i>Basic Vocational Training<sup>#</sup></i>			4,105				
	- <i>Course for Knitting Training</i>			10	5			
	- <i>Basic Weaving Hand-loom</i>			7	3	3	5	5
	- <i>Traditional Hand Weaving Course</i>			67	33		15	15
	- <i>Front Office Operation Course</i>			100	50			
	- <i>Housekeeping Operation Course</i>			100	50			
	- <i>Food and Beverage Service</i>			100	50			
	- Mobile Vocational Training Team <sup>\$</sup>	360	223	100				
	- Motor Sewing Machine Course	342	140	200	204		50	50
	- Motor Sewing Machine Course-NSSA Level-1			531	100		50	50
	(ETD)							

Note: \* In the Financial Years of 2019-2020 and 2020-2021, Mobile Technical Training Team were not submitted and could not be opened.  
# Starting from the Financial Year of 2019-2020, the basic vocational lessons have been integrated into the Advanced Vocational Tailoring Courses, and taught with the total 22-week course period, so the Basic Vocational Tailoring Course is no longer opened separately.  
\$ In the Financial Years of 2019-2020 and 2020-2021, Mobile Vocational Training Team were not submitted and could not be opened.

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>State High School of Fine Arts (Yangon and Mandalay)</b>	<b>37</b>		<b>56</b>	<b>58</b>		<b>12</b>	<b>35</b>
	- Dramatic Arts	28		39	45		10	26
	- Painting	4		13	11		2	8
	- Sculpture	5		4	2			1
	(FAD)							
	<b>Civil Service Academy (Upper and Lower Myanmar)</b>	<b>7,124</b>	<b>2,477</b>	<b>18,809</b>	<b>9,418</b>	<b>1,563</b>	<b>3,341</b>	<b>18,571</b>
	- Executive Level Officials Course	61	45	38		pp	63	153
	- Senior Level Officials Course	205	86	143	157	pp	155	330
	- Mid-Level Official Course	322		266	128	pp	156	785
	- Basic Course for Civil Service Officers	926	332	955	634	159	415	1,634
	- Pre-Service (Special) Course (Assistant Surgeon)	764	408	415	183	176	143	1,082
	- Basic Pre-Service (Special) Course	1,157		1,103				
	- Junior Level Officers Course	1,982	720	9,087	3,541	659	453	4,547
	- Staff Supervisors Course	158	153	191	140	pp	154	977
	- Clerical Staff Course	1,549	733	6,611	4,635	322	650	4,632
	- Special Refresher Course for Higher Education Teachers					pp		512
	- Special Refresher Course for Basic Education Teachers					pp	956	2,986
	- Enhance Course for Administrative Skills					247	196	933
	(CSSTD)							
	<b>Opened Training Courses</b>	<b>6,797</b>	<b>1,459</b>	<b>6,136</b>	<b>5,604</b>	<b>438</b>	<b>610</b>	<b>2,075</b>
	- Deputy Director's Refresher Course				62			
	- Assistant Director's Refresher Course for Enhancing Work Performance			76			52	126
	- Staff Officer Refresher Course for Enhancing Work Performance			366		105	48	204
	- Senior Auditor Refresher Course for Enhancing Work Performance	97		112	123	58		330
	- Deputy Senior Auditor Refresher Course for Enhancing Work Performance							100
	- Assistant Senior Auditor In-house Training	223	112	100	346			
	- Assistant Senior Auditor Proficiency In-house Training Course				65			109
	- Basic Accounting and Office Work Proficiency Training Course	1,025	563	490	690		125	320
	- Intermediate Accounting and Office Work Proficiency Training Course	360	291	265				136
	- Advanced Accounting and Office Work Proficiency Training Course	123	119	95				67
	- Diploma in Accountancy Course (Part I)	438		672	672	201	102	318
	- Diploma in Accountancy Course (Part II)	194	374	212	403		35	24
	- Certificated Public Accountant Course (Part I)	3,923		3,270	2,741		165	145
	- Certificated Public Accountant Course (Part II)	414		478	502	74	35	43
	- English Language Course Level-I Training						48	
	- Training on English Language Course Level- II							20
	- Training on Basic Accounting							33
	- Training on International Public Sector Accounting Standards (Part –I)							100
	(TDT-OAG)							

pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	- Mechanical Training Course for Welding Course, Machine Course, Electric Course and Fitting Course in Railways Technical Training Centre(Ywataung)			115	46		14	146
	- Track Maintenance Machineries Operation & Maintenance Training	12	20	49			17	57
	- Rail Gang Car (RGC)Operation and Maintenance Training	17		26				
	- Management Improvement for Myanmar Railways	23	20	119	62	62	62	58
	(MR)							
	- Total Numbers of Driving licenses *	5,290,773		5,538,000	5,574,940	5,556,700	5,632,093	5,722,085
	- Total Numbers of Road safety Training <sup>#</sup>			346,627	100,415		2,051	4,219
	(RTAD)							
	- Short Course Training in Skills Training Centers <sup>\$</sup>	858	772	2,987	1,212	307	217	887
	- NSSA Related Training for Capacity Development <sup>\$</sup>						57	212
	(DOL)							
	<b>UMFCCI Training Institute</b>	<b>1,707</b>		<b>2,231</b>	<b>451</b>	<b>774</b>	<b>535</b>	<b>992</b>
	- Office Administration & Management	207		134	20			36
	- Business English (Beginner Level)	132		146	42	60	31	63
	- Business English (Intermediate Level)	128		137	31	23	52	78
	- International Trade	114		139	70	165	72	137
	- Basic Sales & Marketing	149		195	53	29	47	65
	- Higher Sales & Marketing	99		45				
	- Logistics & Supply Chain (Basic Level)	96		189	66	132	80	156
	- Logistics & Supply Chain (Advanced Level)			94		22		
	- Human Resource Management (Basic Level)	232		238	37	54	31	52
	- Human Resource Management(Advanced Level)			54				
	- Financial Management (Basic Level)	153		172	39	73	55	103
	- Financial Management (Advanced Level)			39				
	- Business Management	223		262	46	58	49	84
	- Business Consulting Service Provider	94		88	25	64	22	55
	- Strategic Management (Advanced Level)	40		131				
	- Customer Service Management			89			43	25
	- Digital Marketing							35
	- Business English (Intermediate Level)	40						
	- General Management			45	22	72	35	64
	- Leadership& Organizational Management			34				
	- Innovation & Entrepreneurship					22	18	39
	(UMFCCI)							

Note: \* Calculation based on Calendar year  
# The Lists of Road Safety Educative Training Courses conducted by Road Transport Administration Department  
\$ Conducting Skills Training and Capacity Development Training at Skills Training Center (Yankin, North Dagon, Mandalay, Pathein, Setse, Hpa An and Bago)

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Center for Tourism Development</b>	<b>7,047</b>	<b>1,655</b>	<b>5,512</b>	<b>5,667</b>	<b>2,550</b>	<b>6,203</b>	<b>6,085</b>
	- Tour Guide (Refresher) Training	36						
	- Basic Tour Guide Training	191		273	170	143		20
	- Regional Tour Guide Training	939	361	1,382	739			
	- Local Guide Training				101			100
	- Hotel Service Training	2,564		1,566	284			552
	- F & B Service Training	689	388	419	157	14		
	- F & B Production Training	323		178	7			
	- ICT ( In Company Trainer)			31		18		
	- Training Methodology			31				
	- Hospitality Supervision & Leadership Training				41			
	- Front Office	971	456	641	262	18		
	- Housekeeping	1,092	450	471	117	12		
	- Hotel Operation Management			36				
	- Lodging Operation			33				
	- SM-1 (Supervisory Management)			41	31			
	- HACCP(Hazard Analysis Critical Control Point)			62				
	- Assistant Cook			40		15		
	- Certificate I in Hospitality Operation			117	24	76		
	- Certificate II in Hospitality Operation			48		7		
	- Certificate I in Travel & Tourism			19		74		
	- Certificate II in Travel & Tourism			5		25		
	- Passenger Fares and Ticketing				12	19		
	- Planning & Operation(Banquets & Special Events)				10	10		
	- Colourful Pasta				5			
	- Fantastic Pizza				9	9		
	- Certificate III in Travel & Tourism			3		4		
	- Responsible Tourism Principle & Practices				4	4		
	- International Travel & Tourism Destinations				7	7		
	- Responsible Tourism Online Training				15			
	- Digital Marketing Online Training				81			
	- Supervisory Skill Online Training				292			
	- Work Place Health and Safety Training				87		4,381	2,496
	- Food Safety and Hygiene Training				72			
	- English & Basic Computer Training	40			30			
	- Thai Language Training							80
	- English Language Training					14		157
	- Spanish Language Training	57						
	- Chinese Language Training	38		32	269			293
	- Japanese Language Training	90		32	100			
	- Korea Language Training	17		25	36			
	- Russia Language Training							234

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<div>- Tourism Capacity Building for Tourism Related Grassroots Personnel</div> <div>- Hospitality Capacity Upgrading for Tourism Industry Personnel</div> <div>- ASEAN Standard Tour Guide Upgrading Course for National Tour Guide</div> <div>- Training for Destination Management Organization</div> <div>- Eco Tourism</div> <div>- ASEAN Standard Upgrading Course for English Tour Guide</div> <div>- Training of Trainers (Batch-1)</div> <div>- Training of Trainers (Batch-2)</div> <div>- Training of Trainers(Batch-3)</div> <div>- Covid-19 Health and Safety Master and Inspector Training</div> <div>- Covid-19 Safe Service Cascading Training</div> <div>- Barrier Free Tourism</div> <div>- Anti-Trafficking Awareness Training</div> <div>- Sike Guide Training</div> <div>- Bakery and Pastry Training</div> <div>- Bamboo Craft Basic Course</div> <div>- Coastal Protection Awareness Training</div> <div>- MSME Developing Training</div> <div>(DHT)</div> <div>Elderly Care Assistant Trainings</div> <div>- Number of Trainings</div> <div>- Number of Trainees</div> <div>(DHRH)</div>			27	1,480  1,120  14  36    31 24  			

Note: μ Head of Primary School included in Primary Teacher  
pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
30.	Number of Foreign Students in Myanmar Universities (DHE)	257		387			3	38
	<b>Number of Foreign Scholarship from Ministries and Organizations</b>	<b>4,561</b>		<b>4,930</b>	<b>5,254</b>	<b>264</b>	<b>524</b>	<b>1,663</b>
	- Training	3,832		4,316	4,607	72	309	1,127
	- Diploma	42		50	18	7	8	40
	- Master	495		399	448	131	172	360
	- Ph.d	192		165	181	54	35	136
	(EHHC)							
31.	<b>Percentage of Female Student by Education Level</b>							
	- Primary	48.51		48.72	48.70	pp	49.35	49.40
	- Middle	50.85		50.87	50.38	pp	51.08	51.53
	- High	53.97		54.60	53.65	pp	55.79	50.30
	(DBE)							
	Professional Institution			43.44	44.44		82.68	
	Arts & Science			63.74	65.78		70.16	
	(DHE)							
	Government Technical Institute	34.98		35.56	pp	pp	34.11	33.75
	Government Technical High School	21.78		21.87	19.84	pp	24.46	20.14
	(DTVET)							
	State Agricultural Institute(SAI)	42.00		45.00	50.00	pp	52.00	
	( DOP(MOALI))							
32.	Percentage of Senior Official Positions Held by Women in Public Sector*	46.51		46.45	49.60	51.71	50.41	53.39
	Women Parliamentary Member percent in National Parliament <sup>#</sup>	10.93		11.57	11.60	11.67		
	Women percent in Judiciary <sup>#</sup>	53.68		54.06	54.36	53.82	53.70	54.22
	Women percent in local government <sup>#</sup>			0.79	0.82	0.69	0.63	0.64
	(CSO)							

Note: \* As of 30 September  
# These figures represent calendar year  
pp=pandemic period

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
33.	Labour Force <sup>μ</sup> (million)	22.28 <sup>β</sup>		22.74 <sup>α</sup>	22.28 <sup>®</sup>	22.61 <sup>∞</sup>	23.06 <sup>∞</sup>	23.52 <sup>∞</sup>
	Employment <sup>μ</sup> (million)	21.94 <sup>β</sup>		22.55 <sup>α</sup>	22.18 <sup>®</sup>	22.58 <sup>∞</sup>	22.76 <sup>∞</sup>	22.93 <sup>∞</sup>
	Unemployment <sup>μ</sup> (million) (DOL)	0.34 <sup>β</sup>		0.19 <sup>α</sup>	0.10 <sup>®</sup>	0.03 <sup>∞</sup>	0.30 <sup>∞</sup>	0.59 <sup>∞</sup>
34.	Labour Force Participation Rate <sup>μ</sup> (%) (DOL)	61.20 <sup>β</sup>		61.49 <sup>α</sup>	59.43 <sup>®</sup>	59.89 <sup>∞</sup>	60.28 <sup>∞</sup>	60.69 <sup>∞</sup>
35.	Unemployment Rate <sup>μ</sup> (%)	1.60 <sup>β</sup>		0.86 <sup>α</sup>	0.48 <sup>®</sup>	0.17 <sup>∞</sup>	1.33 <sup>∞</sup>	2.53 <sup>∞</sup>
	Composite rate of Labour Underutilization-LU(%) <sup>μ</sup> (DOL)	7.20 <sup>β</sup>		5.96 <sup>α</sup>	3.33 <sup>®</sup>	NA	NA	NA
36.	Employed Person by Education Level (percent) <sup>μ</sup>							
	- Never Attend	4.1 <sup>β</sup>		3.9 <sup>α</sup>	1.7 <sup>®</sup>	NA	NA	NA
	- Less than and completed primary	51.3 <sup>β</sup>		51.1 <sup>α</sup>	59.3 <sup>®</sup>	NA	NA	NA
	- Completed secondary	27.1 <sup>β</sup>		27.7 <sup>α</sup>	17.6 <sup>®</sup>	NA	NA	NA
	- Completed High and above	17.5 <sup>β</sup>		17.3 <sup>α</sup>	19.5 <sup>®</sup>	NA	NA	NA
	- Other				1.9 <sup>®</sup>	NA	NA	NA
	<b>Skilled Workers, Assessors, Inspectors and Assessment Centers by National Skills Standards Authority (NSSA) for Accreditation</b>							
	- National Certificate of Occupational Competency- Skills Level-1	5,015	1,893	4,990	2,419	117	467	5,322
	- National Certificate of Occupational Competency- Skills Level-2	149	131	873	121			148
	- National Certificate of Occupational Competency- Skills Level-3							6
	- NSSA Assessor Level-1	107	31	45	96	4		58
	- NSSA Assessor Level-2	10	17	54	17			23
	- NSSA Assessor Level-3							4
	- NSSA Inspector Level-1							3
	- NSSA Inspector Level-2							6
	- NSSA Inspector Level-3							1
	- NSSA Assessment Center Level-1	34	21	33	34	2	2	34
	- NSSA Assessment Center Level-2	5	1	8	4	1		8
	- NSSA Assessment Center Level-3							1
	(DOL)							

Source: β 2017 Annual Labour Force Survey (Yearly) Report (DOL)

α 2018 Annual Labour Force Survey (Yearly) Report (DOL)

® 2019 Labour Force Survey (Yearly) Report (DOL)

∞ 2020-2023 Labour Force Projection Report (DOL)

Note: μ Refers to the calendar year. Based on working age population 15 years and above (DOL)

NA= Not Available

Sr.	Indicator	17/18 <sup>*</sup>	Mini Budget	18/19 <sup>\$</sup>	19/20 <sup>@</sup>	20/21 <sup>∞</sup>	21/22 <sup>∞</sup>	22/23 <sup>∞</sup>
37.	<b>Percentage Distribution of Employed Person<sup>μ</sup> by Industry Group</b>	<b>100.00</b>		<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
	- Agriculture, forestry and fishing	50.61		48.17	48.90	48.10	47.56	47.06
	- Mining and quarrying	0.95		0.62	0.60	0.67	0.65	0.65
	- Manufacturing	10.47		11.13	10.42	11.07	11.07	11.06
	- Electricity, gas, steam, and air conditioning supply	0.10		0.09	0.10	0.08	0.08	0.08
	- Water supply; sewerage, waste management and remediation activities	0.18		0.20	0.11	0.16	0.16	0.16
	- Construction	4.24		5.24	5.57	5.57	5.83	6.09
	- Wholesale and retail trade; repair of motor vehicles and motorcycles	15.67		16.50	18.18	17.80	18.06	18.27
	- Transportation and storage	4.63		5.09	5.44	5.01	5.00	5.00
	- Accommodation and food service activities	1.61		1.77	1.82	1.46	1.42	1.39
	- Information and communication	0.24		0.20	0.29	0.24	0.24	0.24
	- Financial and insurance activities	0.43		0.51	0.71	0.59	0.62	0.65
	- Real estate activities	0.17		0.13	0.09	0.13	0.14	0.15
	- Professional, scientific and technical activities	0.26		0.28	0.28	0.28	0.26	0.23
	- Administrative and support service activities	1.39		1.01	1.05	0.84	0.90	0.96
	- Public administration and defence; compulsory social security	0.59		0.57	0.62	0.42	0.40	0.39
	- Education	2.86		2.74	2.37	2.73	2.75	2.77
	- Human health and social work activities	0.64		0.55	0.34	0.49	0.48	0.48
	- Arts, entertainment and recreation	0.13		0.14	0.10	0.10	0.10	0.09
	- Other service activities	4.63		4.89	2.93	4.20	4.23	4.24
	- Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use	0.15		0.14	0.07	0.04	0.03	0.02
	- Activities of extraterritorial organizations and bodies	0.05 <sup>®</sup>		0.03 <sup>®</sup>	0.01 <sup>®</sup>	0.02 <sup>#</sup>	0.02 <sup>#</sup>	0.02 <sup>#</sup>
	<b>by Occupation Group</b>	<b>100.00</b>		<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
	- Managers	0.61		0.61	0.73	0.74	0.80	0.87
	- Professionals	3.20		3.12	2.70	3.03	3.03	3.01
	- Technicians and Associate Professionals	1.50		1.75	1.47	1.31	1.30	1.29
	- Clerical Support Workers	1.87		1.87	2.04	1.92	1.94	1.95
	- Services and Sales Workers	17.01		18.38	19.62	18.70	18.74	18.75
	- Skilled Agricultural, Forestry and Fishery Workers	37.40		34.07	35.41	32.95	31.60	30.33
	- Craft and Related Trades Workers	10.70		12.83	13.12	12.99	13.30	13.62
	- Plant and Machine Operators, and Assemblers	5.27		5.14	5.90	6.20	6.56	6.93
	- Elementary Occupations	22.31		22.16	18.97	21.05	21.05	21.03
	- Armed Forces Occupations	0.13 <sup>®</sup>		0.07 <sup>®</sup>	0.04 <sup>®</sup>	1.11	1.68	2.22
	(DOL)							
38.	<b>Percentage distribution of employed Person by employment status<sup>μ</sup></b>							
	- Employees	36.8		34.4	35.0	NA	NA	NA
	- Employers	2.9		4.3	2.5	NA	NA	NA
	- Own-account workers	35.4		36.6	37.7	NA	NA	NA
	- Contributing family workers	24.9		24.7	24.8	NA	NA	NA

Source: \* 2017 Annual Labour Force Survey (Yearly) Report

\$ 2018 Annual Labour Force Survey (Yearly) Report

@ 2019 Labour Force Survey (Yearly) Report

∞ 2020-2023 Labour Force Projection Report

Note: μ Refers to the calendar year. Based on working age population 15 years and above

® Denotes high relative standard error from too few observations (<50 cases)

# The number of employed person contributions is low in basic years that are calculated

NA = Not Available

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Placement of Workers for Overseas Employment*</b>	<b>181,744</b>	<b>121,750</b>	<b>308,397</b>	<b>155,072</b>	<b>4,220</b>	<b>6,131</b>	<b>236,815</b>
	- Singapore	360	347	379	244	42	3,859	23,597
	- Malaysia	4,270	12,873	67,610	32,227		234	47,124
	- Korea	6,555	3,355	5,164	1,493	132	471	9,729
	- Thailand	167,039	102,607	227,751	116,405		77	134,253
	- Japan	3,185	2,193	6,049	4,106	4,046	492	18,422
	- U.A.E	173	62	347	126		136	619
	- Qatar	123	26	114	45		187	429
	- Hong Kong						4	18
	- Macau	4	9	9				142
	- Laos						8	8
	- Jordan	35	278	974	426		268	623
	- Other Countries						395	1,851
	(DOL)							
	- Number of Local Seamen <sup>#</sup>	8,839		10,663	10,153	21,887		
	- Number of Foreign Seamen <sup>#</sup>	50,079	52,089	57,089	60,666	62,120	64,604	71,181
	<b>Maritime Industry (Seafarer Employment)</b>							
	- Inland Vessel Crew Members				21,025	21,204	4,576	9,509
	- Coastal Seafarer				900	517	405	891
	- Foreign Going Seafarer	32,958	16,994	36,704	24,751	22,673	15,956	37,926
	(DMA)							
39.	<b>Number of Establishments by Ownership</b>							
	Cooperative	47	47	47	47	35	35	35
	Private <sup>@</sup>	155,795		156,932	155,559	NA	155,513	155,513 <sup>μ</sup>
	Joint Venture <sup>@</sup>	425		427	298	NA	265	281 <sup>μ</sup>
	<b>Percentage Change in Establishments by Ownership</b>							
	Cooperative	0.00		0.00	0.00	-25.53	0.00	0.00
	Private <sup>@</sup>	0.86		0.73	-0.87	NA	NA	NA
	Joint Venture <sup>@</sup>	-31.89		0.47	-30.21	NA	NA	NA
	(DOC, DOL)							
	Number of Micro Industries Establishments (SSID)	2,350		3,847	3,012	1,502	1,062	2,683
	<b>SME Member Card</b>	<b>10,616</b>	<b>6,652</b>	<b>6,663</b>	<b>6,534</b>	<b>2,743</b>	<b>347</b>	<b>1,466</b>
	- Small Enterprise	8,976	5,272	4,894	4,337	1,879	252	1,055
	- Medium Enterprise	1,640	1,380	1,769	2,197	864	95	411
	<b>Registered Private Industrial Enterprise</b>	<b>50,065</b>	<b>50,628</b>	<b>51,661</b>	<b>51,720</b>	<b>49,873</b>	<b>45,812</b>	<b>45,015</b>
	- Growth <sup>&amp;</sup>	1,975	563	1,033	59	-1,847	-4,061	-797
	- Growth Rate(%)	4.11	1.12	2.04	0.11	-3.57	-8.14	-1.74
	(DISI)							
40.	<b>Establishments under the Coverage of Social Security Scheme</b>							
	<b>Total Establishments</b>	<b>29,948</b>	<b>31,119</b>	<b>33,694</b>	<b>36,192</b>	<b>33,470</b>	<b>33,868</b>	<b>34,878</b>
	- Public	1,904	1,911	1,941	1,948	1,805	1,811	1,842
	- Cooperative	366	376	382	388	342	344	344
	- Private	27,389	28,470	30,753	32,983	30,350	30,669	31,621
	- Joint Venture	72	81	98	111	108	107	101
	- Other	217	281	520	762	865	937	970

Note: \* 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  
# All data were carried over  
@ 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  
μ Establishment lists were collected from 14 States including Naypyitaw, other States and Regions except Kayah State.  
& New registered Industrial Enterprises  
NA=Not Available

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Workers under the Coverage of Social Security Scheme</b>							
	<b>Both Sexes</b>	<b>1,149,232</b>	<b>1,254,010</b>	<b>1,415,187</b>	<b>1,399,328</b>	<b>1,020,456</b>	<b>1,107,338</b>	<b>1,211,371</b>
	- Male	471,072	497,751	536,648	533,374	398,564	416,264	435,288
	- Female	678,160	756,259	878,539	865,954	621,892	691,074	776,083
	<b>By Sector</b>	<b>1,149,232</b>	<b>1,254,010</b>	<b>1,415,187</b>	<b>1,399,328</b>	<b>1,020,456</b>	<b>1,107,338</b>	<b>1,211,371</b>
	- Public	147,189	146,171	145,267	138,650	122,455	118,299	118,411
	- Cooperative	3,996	4,598	4,889	4,726	3,352	3,692	3,956
	- Private	968,373	1,072,542	1,232,014	1,223,558	869,409	961,084	1,065,423
	- Joint Venture	28,315	29,295	31,477	30,646	24,136	23,078	22,227
	- Other	1,359	1,404	1,540	1,748	1,104	1,185	1,354
	<b>Numbers of Offices, Clinics and Hospitals under the Social Security Board</b>							
	<b>Social Security Offices</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>99</b>
	- Region/ State Offices	14	14	14	14	14	14	14
	- District Offices	4	4	4	4	4	4	7
	- Township Offices	78	78	78	78	78	78	78
	<b>Clinics Under Social Security Board</b>	<b>158</b>	<b>161</b>	<b>169</b>	<b>171</b>	<b>175</b>	<b>187</b>	<b>203</b>
	- Social Security Board Clinics	96	96	96	96	96	96	96
	- Traditional Medicine Clinic	1	1	1	1	1	1	1
	- Mobile Medical Units (MMU)	2	2	2	2	2	2	2
	- Enterprises Clinics	55	55	58	58	57	56	59
	- Clinics (Fee for service payment )	4	4	5	7	10	11	12
	- Clinics (Capitation payment)	Nil	3	7	7	9	21	24
	- Clinics for Maternity							9
	<b>Worker's Hospitals</b>							
	<b>Total Hospitals</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
	- 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
	No. of Physician*	175	174	166	171	180	76	82
	Number of Physician (Per 10,000 insured person)	1.52	1.38	1.17	1.22	1.76	0.68	0.67
	No. of Nurse*	226	228	248	247	119	107	109
	Number of Nurse (Per 10,000 insured person)	1.97	1.82	1.75	1.77	1.17	0.97	0.90
	No. of Hospital Bed	500	500	500	500	500	500	500
	Number of Hospital Bed (Per 10,000 insured person)	4.35	3.98	3.53	3.57	4.89	4.51	4.12
	(SSB)							
41.	(a) Nominal GDP at Current Prices(K. million) <sup>&amp;</sup>	92,788,955.1		105,258,500.8	112,769,724.6	108,205,724.0	75,044,663.3	125,338,951.9
	(b) Real GDP at 2015-2016 constant Prices (K. million) <sup>&amp;</sup>	83,510,030.1		89,147,341.4	91,971,632.7	86,561,824.6	56,726,449.9	90,865,129.3
	Growth Rate (%)	6.4		6.8	3.2	-5.9	2.4	3.4
	(PD)							

Note: \* The Number of doctors & nurses who are working at Social Security Board's hospitals & clinics are mentioned.  
 & 2017-2018 FY to 2020-2021 FY was October to September. 2021-2022 (6) Month was Interim Budget from 2021 October to 2022 March. 2022-2023 FY was April to March.  
 2022-2023 FY (April to March) data on the indicator 41 will be revised accordingly

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
42.	(a) Nominal GDP per Capita (Kyats) <sup>&amp;</sup>	1,730,330		1,945,593	2,066,174	1,965,376		2,247,426
	(b) Real GDP per Capita at 2015-2016 constant Prices (Kyats) <sup>&amp;</sup> (PD)	1,557,297		1,647,795	1,685,110	1,572,251		1,629,283
43.	Food Availability per Head (kg)	227.08 <sup>#</sup>						
	Rice	30.09 <sup>#</sup>						
	Edible Oil	59.27 <sup>#</sup>						
	Meat	104.89 <sup>#</sup>						
	Fish	81.15 <sup>#</sup>						
	Beans & Pulses							
	(PD)							
44.	(a) Investment (K. million)	28,057,231.0		29,919,166.7	33,943,700.0	28,782,700.0	16,160,075.4	35,297,300.0
	(b) Exports (US\$ million)	14,850.66	8,832.18	17,060.41	17,681.09	15,363.28	8,308.42	16,621.29
	(c) Imports (US\$ million) (PD, CSO)	18,686.95	9,858.04	18,086.60	19,050.86	14,686.06	7,964.99	17,355.47
45.	<b>Public Expenditure by Sector<sup>β</sup> (K. million)</b>							
	<b>Total</b>	<b>22,015,780.734</b>	<b>10,275,368.763</b>	<b>26,686,351.846</b>	<b>33,499,303.011</b>	<b>27,595,614.656</b>	<b>14,708,915.580</b>	<b>34,047,929.705</b>
	Agriculture	382,050.852	155,947.276	453,867.036	440,524.705	339,511.266	156,813.937	408,191.110
	Livestock & Fishery	30,987.718	13,507.321	49,227.040	33,714.582	24,358.726	16,367.071	35,149.475
	Forestry	259,699.054	21,205.341	60,403.980	56,479.284	50,781.794	18,712.487	44,613.026
	Energy	1,339,596.131	683,319.995	1,686,297.244	3,227,749.043	1,805,743.938	1,217,300.724	3,063,984.092
	Mining	136,498.919	21,450.711	57,238.365	167,448.119	114,950.424	103,609.985	131,999.018
	Processing & Manufacturing	557,642.245	319,216.687	830,534.339	516,044.952	557,663.329	408,793.354	1,092,481.674
	Electric Power	3,378,386.846	1,534,141.771	4,364,286.462	5,959,510.859	4,688,969.952	2,926,381.646	6,441,115.055
	Construction	1,339,916.462	109,601.239	596,728.744	1,354,015.668	876,773.169	278,029.080	834,475.206
	Transportation	775,698.144	301,388.785	975,459.123	1,033,127.714	537,228.429	449,589.148	1,336,305.883
	Communication	222,613.864	199,346.459	317,075.015	456,046.388	121,833.250	34,655.758	248,046.055
	Trade	244,193.234	308,174.297	673,445.120	230,443.659	178,815.283	125,338.066	311,017.367
	Social	2,723,991.219	1,244,497.817	3,372,026.002	4,016,780.885	3,050,906.140	1,405,351.228	3,732,467.474
	Education	1,651,802.399	788,127.314	2,087,753.611	2,131,878.354	1,842,244.342	853,247.830	2,253,817.711
	Health	867,906.334	357,837.103	968,161.378	1,188,021.456	631,954.177	301,860.249	856,035.679
	Others	204,282.486	98,533.400	316,111.013	696,881.075	576,707.621	250,243.149	622,614.084
	Financial Institutions	1,099,997.434	563,200.725	1,308,756.669	1,263,652.210	1,133,635.720	713,101.295	1,423,178.075
	Administrative Organizations (PD)	9,524,508.612	4,800,370.339	11,941,006.707	14,743,764.943	14,114,443.236	6,854,871.801	14,944,906.195

Note: & 2017-2018 FY to 2020-2021 FY was October to September. 2022-2023 FY was April to March. 2021-2022 (6) Month was Interim Budget from 2021 October to 2022 March. 2023 FY was April to March.

# End of March Figures

β 2017-2018 and 2022-2023 Fiscal Year are April to March, 2018-2019 to 2020-2021 Fiscal Year is October to September and 2021-2022 Fiscal Year is October to March Mini Budget. Including States and Regions. It is compiled based on the data from summary of the Union's Budget Estimate (2023-2024 FY). It is included interest, grant, emergency fund and States & Regions data.

2021-2022 (6) Month (October to March) was interim Budget Plan Implementation and GDP per Capita on the indicator 42 was not calculated for interim term. FY ( April to March ) data will be revised accordingly.

2022-2023 FY (April to March) data on the indicator 42 will be revised accordingly

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
46.	Consumer Price Index (2017=100) <sup>β</sup>  Union (CSO)	135.59 <sup>\$</sup>	142.37 <sup>\$</sup>	152.41 <sup>\$</sup>	161.14 <sup>\$</sup>	167.01 <sup>\$</sup>	184.81 <sup>\$</sup>	162.11 <sup>&amp;</sup>
47.	Gross Sown Area ('000 acres) Cultivated Land per head (acre) <sup>@</sup> (DALMS)	50,526 0.5580		49,139 0.5509	48,527 0.5446	48,323 NA	48,817 NA	49,399 NA
48.	<b>Land Use/ Land Cover ('000 Acres)</b> - Net Sown Area - Fallow Land - Cultivable Waste Land (DALMS) - Forest Cover - Other Wooded Land - Reserved Forest and Protected Public Forest (RF and PPF) - Protected Area System(PAS) (FD)	29,792 1,149 13,695  42,486 9,682		29,674 1,214 14,243  42,977 9,783	29,593 1,241 16,488  70,533* 46,347* 43,139 10,169	29,615 1,254 16,470  43,238 10,184	29,721 1,229 16,299  43,112 10,751	29,666 1,266 16,307  43,198 10,759
49.	Number of Motorcars <sup>#1</sup> (per 1,000 Population) Number of Two- wheelers <sup>#2</sup> (per 1,000 Population) Number of Motor Vehicles <sup>#3</sup> (Total) (per 1,000 Population) (RTAD)	18.75 105.64 127.39		20.40 114.53 138.09	20.39 111.69 135.28	20.73 116.99 140.68	20.98 108.81 132.62	20.88 101.61 125.10
50.	Monthly Household Expenditure of Energy Consumption (Kyat) <sup>μ</sup> (CSO)  Union Rural Urban	<b>12,860.47</b> 12,577.43 13,559.17						
51.	- Railway Traffic Passenger Miles (million) (MR) <b>Road and Bridge Traffic</b> - Road(Mile/ Furlong) - Bridge (No.) (DRRD) <b>Construction of Rural Farm Road</b> - Mile/ Furlong <b>Construction of Rural Farm Bridge</b> - Number - Feet (DRD)	1,997.659  1,881/3 1,378  75/0  40 253	897.407  1,107/3 602  75/0  40 253	1,904.888  3,283/6 2,075  266/7  220 2,341	1,062.249  5,211/5 3,510  614/5  875 7,717	36.194  4,515/4 2,997  493/7  783 10,114	96.729  1,182/1 1,133  204/4  344 3,297	458.564  1,259/3 1,194  363/6  683 5,156

Source: β Myanmar Living Conditions Survey, 2017 (No survey conducted after 2017)

Note: \$ Consumer price index is calculated using 2012 as the base year

& Consumer price index is calculated using 2017 as the base year

@ 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

\* Forest cover and other wooded land area for 2020 is the source data from FRA 2020. This appraisal is published by FAO once every 5 years.

#1 In the statistics of "Number of Motorcars", Passenger Cars, Buses, Trucks (Light Duty), Truck (Heavy Duty) and Special Purpose Vehicles are included

#2 In the statistics of "Number of Two-wheelers", Motorized Bicycle, Moped-Cycles, Scooters, Motorcycles and Electric Motorcycles are included

#3 In the statistics of "Number of Motor Vehicles (Total)", Passenger Cars, Buses, Trucks (Light Duty), Truck (Heavy Duty), Special Purpose Vehicles, Two-wheelers, Three-wheelers, Trawlergyi and Machinery are included

μ These figures represent calendar year. Myanmar Living Conditions Survey, 2017 (No Survey conducted after 2017)

NA=Not Available

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Bridge Traffic</b>	<b>124</b>	<b>36</b>	<b>108</b>	<b>107</b>	<b>103</b>	<b>38</b>	<b>71</b>
	- Below of 180 ft Bridge	89	23	76	63	73	24	52
	- 180 ft and Above of 180 ft Bridge	35	13	32	44	30	14	19
	<b>Road Traffic</b>							
	- Road (Mile/Furlong)	26,311/5		26,208	26,323/6	26,458/6	26,523/4	41,021
	(DOH)							
52.	- Railway Traffic Cargo-Ton Miles (million)	421.198	225.447	457.634	491.076	207.337	83.316	268.805
	- Railway Track Miles	4,939.54	4,939.54	4,939.54	4,939.55	4,939.55	4,845.08	4,845.08
	- Railway Route Miles	3,797.92	3,797.92	3,797.92	3,797.92	3,797.92	3,868.59	3,868.59
	(MR)							
53.	<b>Telecommunication</b>							
	- Number of Telephone Subscribers	56,624,067		74,010,081	82,647,000	75,580,000	61,860,000	60,930,000
	- Number of Fixed Subscribers	557,078		350,322	520,000	520,000	520,000	520,000
	- Number of Mobile Subscribers	56,066,989		73,659,759	82,127,000	75,060,000	61,340,000	60,410,000
	- Number of Mobile Internet Subscribers (Operators) <sup>#</sup>	37,826,838		65,242,182	79,805,000	67,928,000	54,390,000	55,670,000
	- Number of Internet Subscribers	19,435,325		65,840,137	80,290,000	68,448,000	54,910,000	56,190,000
	- Telephone per 1,000 Inhabitants (Operators)	1,099.79		1,361	1,514	1,367	1,108	1,091
	(PTD)							
54.	<b>Postal Services</b>							
	- Average area covered by per post office (square kilometer)	490		487	486	487	474	481
	- Average number of total inhabitants served by per postal employee	10,720		11,841	12,601	17,679	15,648	16,577
	- Average number of letter item sent by per person as per year	0.03		0.03	0.02	0.04	0.05	0.04
	- <b>Total number of post offices</b>	<b>1,382</b>		<b>1,389</b>	<b>1,391</b>	<b>1,390</b>	<b>1,427</b>	<b>1,406</b>
	- <i>Full function post offices</i>	783		834	844	313	350	353
	- <i>Non full function post offices</i>	208		169	161	691	654	652
	- <i>Agency post offices</i>	391		386	386	386	423	401
	- Total number of staffs	4,803		4,348	4,065	3,128	3,534	3,336
	- Total number of post office boxes	365		345	345	1,574	3,027	4,415
	- Total number of street letter boxes	1,330		1,165	1,165	636	1,081	1,281
	- Financial transactions post offices	783		834	844	843	843	844
	- Express Mail Service(Cities)	299		310	332	393	401	405
	- Express Money Order Service (Cities)	418		413	413	413	699	706
	(PTD)							
55.	<b>Daily Newspapers</b>	<b>332</b>	<b>315</b>	<b>262</b>	<b>188</b>	<b>122</b>	<b>89</b>	<b>88</b>
	No. in Circulation ('000)							
	- Myanmar	316	299	248	177	115	84	83
	- English	16	16	14	11	7	5	5
	(NPE)							

Note: # Number of Mobile Internet Subscribers (Operators) is the data of 4 operators. (Data of Mytel operator are not included in 2017-2018 and 2018-2019 data.)

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
56.	<b>Mass Media</b>							
	<b>Public<sup>#</sup></b>							
	Other Mass Media							
	- District Public Libraries	74		74	79	79	79	79
	- Township Public Libraries	256		256	251	251	245	245
	- Sub-township Public Libraries	87		87	88	88	86	86
	- Readers('000)	3,670		3,324	2,683	1,435	241	1,077
	<b>Private<sup>#</sup></b>							
	- 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	6,106		6,106	6,106	6,106	3,508	3,508
	<b>Cinema</b>							
	- Digital Cinema	122	46	151	206	221	196	196
	- Film Cinema	13	4	6	9	8	8	8
	- Video-Parlors	3,229	522	2,572	1,759	339	3	39
	- Karaoke Lounge	3,783	1,203	3,190	2,679	410	618	3,722
	- Video-Shooting House	769	206	692	456	60	23	115
	<b>Learning Centre(Graduates)</b>							
	- Private Film Training School	158		233	225	12	12	62
	<i>(IPRD)</i>							
	<b>Transmit TV &amp; FM &amp; DVB- T2</b>							
	- TV Retransmitting Station	254	255	258	258	258	258	258
	- Analogue TV Transmitting	251	251	251	251	251	251	251
	- Digital DVB- T2 Transmitting	151	151	151	153	153	154	155
	- Radio FM Transmitting	84	84	84	85	85	85	85
	- J.V FM Radio (Station)	81	81	83	86	86	86	86
	- J.V FM Radio(Company)	6	6	6	7	7	7	7
	- Radio Transmitter Station	3	3	3	3	3	3	3
	- Myanma Radio (English)					3	3	3
	- ThaPyay Radio					1	1	1
	- Community FM Radio(Khayae FM Radio)	1	1	1	1	1		
	<i>(MRTV)</i>							
	Broadcast the variety of programmes through Myanmar Education Channel						1,759	1,899
	<i>(DAE)</i>							
57.	<b>Social Welfare Establishments</b>							
	<b>Residential Nursery (GOs)</b>							
	(1) Number of Nurseries	7	7	7	7	8	8	8
	(2) Number of Children	279	294	356	374	380	372	370
	<b>Pre-Primary School (GOs)</b>							
	(1) Number of Schools	104	123	129	142	142	132	155
	(2) Number of Children	15,094	16,866	18,076	19,069		11,038	19,027
	<b>Central Early Childhood Care and Development Resource Center (GOs)</b>							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Trainees	1,081	586	773	110	553	158	437
	<b>Community based Mother Circles</b>							
	(1) Number of Mother Circles	373	442	646	1,200	931		653
	(2) Number of Children	9,560	8,870	13,125	24,205	18,825		13,060

Note: # These figures refer to calendar year

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Training School for Boys /Girls(GOs)</b>							
	(1) Number of Schools	10	10	10	11	11	11	11
	(2) Number of Boys/Girls	1,574	1,685	2,214	2,507	2,082	1,987	2,801
	<b>Women Development Center(GOs)</b>							
	(1) Number of Centers	2	2	2	2	2	2	2
	(2) Number of Women	150	162	157	185	187	181	193
	<b>Vocational Training Center for Women (GOs)</b>							
	(1) Number of Centers	4	4	4	4	4	4	4
	(2) Number of Women	286	308	331	244	239	241	245
	<b>Center for Women Care and Development (GOs)</b>							
	(1) Number of Centers	2	2	2	2	2	2	2
	(2) Number of Women		2	3	4	135	152	479
	<b>One Stop Women Support Center(GOs)</b>							
	(1) Number of Centers		4	4	6	6	6	7
	(2) Number of Survivors		171	145	76	30	8	34
	<b>Day Care Center for the Aged(GOs)</b>							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of the Elderly	70	70	70	70	70	71	87
	<b>Care Giver Training for Elderly People</b>							
	(1) Number of Trainings	2		3	1		1	2
	(2) Number of Trainees	37		85	38		27	49
	<b>School for Children with Visual Disabilities (GOs)</b>							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	226	243	255	248	1	31	126
	<b>School for Children with Hearing Disabilities (GOs)</b>							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	322	329	358	350	15	53	172
	<b>Vocational Training School for Adult Persons with Disabilities(GOs)</b>							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	151	59	216	241		36	165
	<b>School for the Children with Disabilities (GOs)</b>							
	(1) Number of Schools	2	2	2	2	2	2	2
	(2) Number of Students	353	340	343	321		56	203
	<b>Disabled Care Center (GOs)</b>							
	(1) Number of Centers	1	1	1	1	1	1	1
	(2) Number of Children	93	99	107	110	109	110	116
	<b>School for Home Science(GOs)</b>							
	(1) Number of Schools	10	10	11	11	11	11	11
	(2) Number of Trainees	10,574	4,160	7,046	3,510	1,248	1,444	3,519
	<b>Social Welfare Training School(GOs)</b>							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	409	424	618	559	388	205	470
	<b>Social Safety Net and Social Protection Services</b>							
	(1) Number of Program	2	2	2	2	2	2	2
	(2) Social Pension(Number of beneficiaries)	40,909	43,310	188,740	229,979	248,322	241,125	206,887
	(3) Maternal and Child Cash Transfer (Number of beneficiaries)	74,093	93,213	203,198	371,101	473,684	432,626	461,364
	<b>Voluntary Youth Development Center(NGOs)</b>							
	(1) Number of Centers	229	223	231	231	218	211	182
	(2) Number of Children	20,180	19,756	21,933	21,855	18,932	15,787	16,256

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
	<b>Vocational Training School for Women (NGOs)</b>							
	(1) Number of Schools	12	12	13	13	13	15	17
	(2) Number of Students	824	871	1,084	1,213	1,206	990	1,215
	<b>Home for the Aged (NGOs)</b>							
	(1) Number of Homes (Registered)	80	80	82	83	85	92	93
	(2) Number of the Elderly	2,828	2,862	2,993	3,033	2,963	2,640	2,786
	<b>Voluntary Schools for the Persons with Visual Disabilities (NGOs)</b>							
	(1) Number of Schools	6	6	6	6	6	6	6
	(2) Number of Trainees	370	475	497	510	424	282	396
	<b>Voluntary Schools for the Persons with Hearing Disabilities (NGOs)</b>							
	(1) Number of Schools	1	1	1	1	1	1	1
	(2) Number of Trainees	182	203	221	247	247	23	145
	<b>Voluntary Schools for the Children with Disabilities (NGOs)</b>							
	(1) Number of Schools	5	5	5	5	5	4	3
	(2) Number of Trainees	533	563	554	589	334	332	262
	<b>Voluntary Pre-primary School(NGOs)</b>							
	(1) Number of Schools	978	1,024	1,024	1,545	1,408	1,161	1,712
	(2) Number of Children	35,174	35,315	34,938	95,570		19,731	47,830
	<b>Voluntary Night School (NGOs)</b>							
	(1) Number of Schools	19	17	17	19	5	11	14
	(2) Number of Children	2,686	2,411	2,287	2,242	776	1,115	1,321
	<b>Voluntary Youth Center(NGOs)</b>							
	(1) Number of Centers	39	29	26	28	7	6	6
	(2) Number of Children	6,031	2,167	1,140	1,549	340	209	200
	<b>(DSW)</b>							
	<b>Rehabilitation Center for Ex-Drug Addicts(GOs)</b>							
	(1) Number of Centers	12	12	11	14	14	14	14
	(2) Number of Participants	566	122	558	420	105	80	280
	<b>Allowances of Department of Rehabilitation</b>							
	(1) Association for the Rehabilitation of Drug Addicts(Myanmar), Yangon and Association of Voluntary Social Workers (Mandalay)							2
	(2) Total Allowances (Million Kyat)							2.000
	<b>Allowances of Department of Rehabilitation</b>							
	(1) Number of People Injured by Explosive Ordnance	129	271	141	70	63	12	35
	(2) Total Allowances (Million Kyat)	25.800	54.200	28.200	14.000	12.600	2.400	7.000
	<b>Allowances of Department of Rehabilitation</b>							
	(1) Number of people with disabilities			2,023	234,226	42,139	5,518	2,159
	(2) Total Allowances (Million Kyat)			610.090	7,382.949	1,281.105	166.210	74.250
	<b>Temporary Shelter for Victims of Trafficking (GOs)</b>							
	(1) Number of Shelters	4	4	4	5	5	5	5
	(2) Number of Victims	144	204	462	317	98	7	38
	<b>Rehabilitation Assistance</b>							
	(1) Number of Persons						12	13
	(2) Total Amount (Million Kyat)						8.500	9.400
	<b>Referral &amp; Coordination Center for Trafficked Persons (Yangon) *</b>							
	(1) Number of Centers			1	1	1	1	1
	(2) Number of Persons			314	185	184	140	170
	<b>(DOR)</b>							

Note: \* In order to share the information that are needed by trafficked persons, to provide the psycho-social support, to repatriate and to reintegrate with their relatives and to get the job opportunities by coordination with other relevant departments and social organizations, Referral & Coordination Center for Trafficked Persons has opened at Yangon.

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
58.	<b>Establishments under Myanmar Maternal and Child Welfare Association</b>							
	- Total number of Maternity Home	130		129	129	129	129	
	- Total number of Maternity Waiting Homes	11		12	11	11	11	
	- Number of Community Nutrition Centre	442		444	358	217	164	
	- Preschools	498		467	424	402	306	
	- Day Care Centers	21		28	21	13	19	
	- Number of Children	18,507		16,877	16,021	9,329	4,606	
	- Number of Person Attending Sewing Courses	17,154		21,649	15,638	4,978	1,666	
	- Number of Person Attending Cooking Courses	29,004		38,950	21,334	5,907	2,209	
	- Number of Person Attending other Skill Courses	12,594		19,247	18,840	4,736	930	
	- Number of Person Implementing Agriculture and Veterinary Works	2,609		2,327	2,538	1,297	555	
	- Number of Digging Wells	5,497		1,368	415	118	102	
	- Chlorination and Repairing Existing Wells	53,735		30,527	29,016	8,331	8,552	
	- Number of Newly Built Fly-proof Latrines as to the time of report duration (MMCWA)	9,328		5,401	4,316	1,631	248	
59.	- Total Number of Villages (GAD)	63,300		63,218	63,219	63,221	63,221	63,217
	- Number of Villages with School	43,943		42,113	NA	NA		
	- Percentage of Villages with School (DBE)	69.00		66.62	NA	NA		
	- Number of Villages with RHC or Sub-RHC <sup>#</sup>	10,231		10,477	10,549	10,981 <sup>@</sup>	10,981 <sup>\$</sup>	10,981 <sup>\$</sup>
	- Percentage of Villages with RHC or Sub-RHC <sup>#</sup> (DOPH)	16.02		18.00	17.00	17.36 <sup>@</sup>	17.36 <sup>\$</sup>	17.36 <sup>\$</sup>
	- Number of Electrified Villages(Off Grid)	1,719		3,314	1,431	35	8	993
	- Number of Households of Energy Consumption by Rural Areas (DRD)	94,888		134,783	71,907	7,132	1,696	52,246
	- Number of Co-operative Society	40,613	40,584	40,178	39,622	39,338	38,954	38,760
	- Members of Co-operative Society (in million)	4.25	4.25	4.23	4.22	4.21	4.20	4.19
	(DOC)							
	- Total Number of Electrified Villages	32,475	33,602	34,532	37,247	39,758	40,171	41,376
	- Number of Electrified Villages(On Grid)	11,614	13,210	14,881	19,137	23,118	23,612	25,291
	- Number of Electrified Villages (Off Grid)	20,861	20,392	19,651	18,110	16,640	16,559	16,085
	- Percentage of Electrified Villages	50.96	52.73	54.58	58.88	62.85	63.54	65.45
	- Unit Consumed (in millions)	17,251.91	9,573.47	19,478.05	20,014.72	19,369.67	8,708.26	17,183.55
	- No. of Consumer (in thousands)	4,337.69	4,617.81	5,140.06	6,161.87	6,639.00	6,796	7,147
	(DEPP)							

Source: @ Health Information Division, Planning Division (DOPH)

\$ Planning Division (DOPH)

Note: # Calculation based on calendar year.

NA=Not Available

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
60.	<b>Crime Rate(per 100,000 population)*</b>	<b>543.17</b>	<b>276.89</b>	<b>759.08</b>	<b>547.68</b>	<b>174.54</b>	<b>77.46</b>	<b>139.80</b>
	- Serious Crime	6.28	3.39	6.07	5.69	6.77	3.61	6.30
	- Other Crime	139.67	72.56	136.65	118.14	100.31	51.14	80.89
	- Preventative Crime	397.22	200.94	616.36	423.85	67.46	22.71	52.61
	<b>Transnational Crime</b>							
	- Narcotic Crime	9,525	5,189	13,041	14,511	7,625	6.52	11.10
	- Trafficking in Persons	203	95	234	142	35	0.01	0.05
	Population and Police Ratio (MPF)	1:1,136	1:1,163	1:1,155	1:1,167	1:1,263		1:742
61.	<b>Single Leading Causes of Morbidity (Percentage)#</b>	<b>100.0<sup>&amp;</sup></b>		<b>100.0<sup>&amp;</sup></b>	<b>100.0<sup>&amp;</sup></b>	<b>100.0<sup>&amp;</sup></b>	<b>NA</b>	<b>NA</b>
	- Single spontaneous delivery <sup>@</sup>	8.1		7.9	7.6	8.6(p)	NA	NA
	- Diarrhoea and gastroenteritis of presumed infectious origin	4.9		4.3	4.7	3.8(p)	NA	NA
	- Viral infection of unspecified site	5.5		4.4	6.7	3.0(p)	NA	NA
	- Single delivery by caesarean section	5.2		5.5	5.0	6.7(p)	NA	NA
	- Other and unspecified injuries of head	3.3		3.0	2.8	2.9(p)	NA	NA
	- Gastritis and duodenitis	3.0		2.9	2.9	2.9(p)	NA	NA
	- COVID-19 confirmed					2.4(p)	NA	NA
	- Acute upper respiratory infections of multiple and unspecified sites	1.9		1.7	1.4		NA	NA
	- Pneumonia, organism unspecified	1.2		1.4	1.3	1.0(p)	NA	NA
	- Unspecified abortion	1.6		1.5	1.2	1.2(p)	NA	NA
	- Mental and behavioural disorders due to use of alcohol	1.5		1.4	1.5	1.4(p)	NA	NA
	- Neonatal jaundice from other and unspecified causes	1.4			1.3	1.6(p)	NA	NA
	- Essential (primary) hypertension	1.4		1.5	1.4	1.4(p)	NA	NA
	- Other cataract			1.4	1.2		NA	NA
	- Injury of unspecified body region	1.2					NA	NA
	- Respiratory tuberculosis, not confirmed bacteriologically or histologically						NA	NA
	- Dengue haemorrhagic fever	2.2		1.5	1.6		NA	NA
	- Single delivery by forces and vacuum extractor	1.1				1.1(p)	NA	NA
	- Unspecified acute lower respiratory infection			1.4	1.4	1.0(p)	NA	NA
	- Acute appendicitis			1.1		1.2(p)	NA	NA
	- Heart failure						NA	NA
	- All other causes	56.5		59.1	58.0	59.8(p)	NA	NA
	(DOPH)							

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

& Calculation based on Calendar year.

@ These figures are 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 Division, Electronic Health Management Information System/DHIS2 (DOPH )  
p=provisional data  
NA= Not Available

Sr.	Indicator	17/18	Mini Budget	18/19	19/20	20/21	21/22	22/23
62.	<b>Single Leading Causes of Mortality for Union (Percentage)*</b>	<b>100.0</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	NA	NA
	- Other septicaemia	4.7		4.6	5.6	5.6(p)	NA	NA
	- COVID-19 confirmed					5.5(p)	NA	NA
	- Disorders related to short gestation and low birth weight, not elsewhere classified	6.0		6.0	4.6	4.5(p)	NA	NA
	- Other and unspecified injuries of head	4.1		4.0		1.9(p)	NA	NA
	- Heart failure	2.9		2.6	2.5	2.4(p)	NA	NA
	- Intracranial injury	3.9		3.9	5.9	4.0(p)	NA	NA
	- Stroke, not specified as haemorrhage or infarction	3.0		2.3	2.4	1.8(p)	NA	NA
	- HIV	2.2					NA	NA
	- Birth asphyxia	3.1		2.9	2.4	2.2(p)	NA	NA
	- Intracerebral haemorrhage	2.2		2.1	2.4	2.5(p)	NA	NA
	- Respiratory tuberculosis, not confirmed bacteriologically or histologically	2.2		2.1	1.9	1.8(p)	NA	NA
	- Fibrosis and cirrhosis of liver	2.7			1.7		NA	NA
	- Pneumonia, organism unspecified	2.1		2.2	2.8	2.7(p)	NA	NA
	- Essential (primary) hypertension	2.5		2.4	1.8	2.0(p)	NA	NA
	- Bacterial sepsis of newborn				2.0		NA	NA
	- Alcoholic liver disease	1.8		2.1	2.0	2.2(p)	NA	NA
	- Hepatic failure						NA	NA
	- Acute myocardial infarction			1.5	1.6	1.6(p)	NA	NA
	- Other chronic obstructive pulmonary disease			1.5	1.7		NA	NA
	- Shock, not elsewhere classified					1.8(p)	NA	NA
	- Unspecified diabetes mellitus	1.9		1.8			NA	NA
	- Malignant neoplasm of liver and intrahepatic bile Ducts						NA	NA
	- Pneumonitis due to solids and liquids						NA	NA
	- All other causes	54.7		57.9	58.7	57.5(p)	NA	NA
	<b>(DOPH)</b>							

Source: Health Information Division, Electronic Health Management Information System/DHIS2(DOPH )

Note: \* Calculation based on Calendar year.

p=provisional data

NA= Not Available

## Glossary, Definitions 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)

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

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)

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

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 among eligible couples (Modern Method) (%)

Percent of couples, wife in reproductive age, currently using at least one modern method of contraception regardless of the method used.

### Method of Calculation

$$\frac{\text{Number of Couples (wife in 15-49 years)} \times \text{Currently using at least one modern method of contraception}}{\text{Total number of couples with wife in 15-49 years}} \times 100$$

**11. Percentage Coverage of Pentavalent Vaccine (Third Dose)**

The proportion of under one year children, who completed the third dose of Pentavalent Vaccine (DTP, Hep-B, Hib).

**Method of calculation**

$$\frac{\text{Number of children under one year of age who received third dose of penta vaccine}}{\text{Total number of children under one year of age (annual target population)}} \times 100$$

**12. Population per Doctors**

Doctors are all graduates of any faculty or school of medicine, actually working in the country in any medical field (practice, teaching, administration, research, laboratory, etc.).

**Method of calculation**

$$\text{Number of Physician per 10,000 population} = \frac{\text{Total number of physicians} \times 10,000}{\text{Total number of population}}$$

**13. Population per Nursing Personnel**

Nurses are all graduates of nursing and midwifery diploma (3) years and Bachelor of nursing science (generic), actually working in the country in any health care related settings (clinical practice, public health, academic, administration, etc.).

$$\text{Number of Nurse per 10,000 population} = \frac{\text{Total number of nurse} \times 10,000}{\text{Total number of population}}$$

**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**

Most of the 100 to 150 Bedded Hospitals are District Hospitals.

**(d) 25 to 50 Bedded Hospitals**

Most of the 25 to 50 Bedded Hospitals are Township Hospitals.

**(e) Station Hospitals**

Station Hospitals are 16 Bedded Hospitals and also Sub-township Hospitals.

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

Average number of villages served by a Rural Health Centre

**Method of Calculation**

$$\frac{\text{Total number of Villages}}{\text{Total number of Rural Health Centre}}$$

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

Average number of villages served by a Rural Health Centre and Sub-Rural Health Centre

**Method of Calculation**

$$\frac{\text{Total number of Villages}}{\text{Total number of Rural Health Centre and Sub-Rural Health Centre}}$$

**17. (a) Traditional Medicine Hospitals**

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

Traditional medicine means medicine in which all public health care services such as diagnosis, prevention, cure, recovery and training by using drugs compounded by the materials of plants, animals, water, earth and mineral, four kinds of Nayas, namely, DesanaNaya,

BethistsaNaya, VissadaraNaya and NatkhattaNaya, and the traditional therapies and methods of the respective Myanmar national races for longevity, healthiness and safety of humans;

**(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 Rural Health Centres which are adequately supplied with Staff, Equipment and Essential Drugs**

The Rural Health Centres which are operated with at least one health staff in the main centre and each of the Sub-Rural Health Centres, 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.

**Method of Calculation**

$$\frac{\text{Number of Rural Health Centres and Sub-Rural Health Centres which are adequately supplied with Staff, Equipment and Essential Drugs}}{\text{Total number of Rural Health Centres and Sub-Rural Health Centres}} \times 100$$

**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.

Improved water sources include piped water into dwelling/ yard/ compound/ public taps or standpipes, tube wells/ boreholes, protected dug wells, protected springs, rain water collection and water purifier/ bottled water.

**20. Percentage of households using (at least) basic sanitation services**

Basic sanitation services are defined as use of improved sanitation facilities which are not shared with other households. Sanitation facility where the fecal-oral chain and water contamination has been blocked; partially, it means that flies cannot access the fecal waste and come back to human beings; also, ground and surface water is not contaminated by the sanitation facility.

**Method of Calculation**

$$\frac{\text{Number of households using (at least) basic sanitation services}}{\text{Total households}} \times 100$$

**Percentage of households using fly-proof latrines**

Fly-proof latrines mean having a latrine connected with a cesspool system for defecation, having the cesspool securely covered, having a layer of soil on top to prevent exposure to flies, fly-proofing the connections among the latrine pan, pipes and the cesspool, fly-proofing the floor in the case of the indirect and direct pit latrines, covering a lid with a 3-foot handle.

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

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

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

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

**Calculation Method**

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

$$\frac{\text{Total enrollment in primary level (Grade 1 to Grade 5)}}{\text{Population aged 5-9}} \times 100$$

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

$$\frac{\text{Total enrollment in middle school level (Grade 6 to Grade 9)}}{\text{Population aged 10-13}} \times 100$$

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

$$\frac{\text{Total enrollment in high school level (Grade 10 to Grade 11)}}{\text{Population aged 14-15}} \times 100$$

## 22. Net Enrollment Ratio (NER)

### Definition

**Primary Level:** Enrollment 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:** Enrollment of official school age-group (aged 10-13) in middle school education (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:** Enrollment of official school age-group (aged 14-15) in high school education (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) enrollment at aged 5-9 by population aged 5-9, and multiply the result by 100.

$$\frac{\text{Primary level (Grade 1 to Grade 5) enrollment at aged 5-9}}{\text{Population aged 5-9}} \times 100$$

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

$$\frac{\text{Middle school level (Grade 6 to Grade 9) enrollment at aged 10-13}}{\text{Population aged 10-13}} \times 100$$

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

$$\frac{\text{High school level (Grade 10 to Grade 11) enrollment at aged 14-15}}{\text{Population aged 14-15}} \times 100$$

## 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.

$$\frac{\text{New entrants to Grade 6 in current school-year}}{\text{Successful completers in Grade 5 in the previous school-year}} \times 100$$

(OR)

$$\frac{\text{New entrants to Grade 6 in current school-year}}{\text{Enrollment in Grade 5 in the previous school-year}} \times 100$$

## 24. Retention Rates by Level (RR)

### Definition

Retention Rate can be defined as percentage of students who enroll in 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 as the percentage of pupils reaching the final grade (Grade 5 for primary, Grade 9 for middle school, 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.

#### (a) Primary Level

$$\frac{\text{Enrollment in Grade 5, the highest grade of primary level in a school-year}(t)}{\text{Enrollment in Grade 1 in the school- year } (t-4)} \times 100$$

#### (b) Middle School Level

$$\frac{\text{Enrollment in Grade 9, the highest grade of middle school level in a school-year}(t)}{\text{Enrollment in Grade 6 in the school- year } (t-3)} \times 100$$

#### (c) High School Level

$$\frac{\text{Enrollment in Grade 11, the highest grade of high school level in a school-year}(t)}{\text{Enrollment in Grade 10 in the school- year}(t-1)} \times 100$$

## 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 year 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 enrollment in Grade 6 three years ago (t-4).

**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 enrollment in Grade 10 one year ago (t-4).

### Calculation method

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

$$\frac{\text{Successful candidates (successful completers) in Grade 5, the highest grade of primary level in a school-year } (t)}{\text{Enrollment in Grade 1 in the school- year}(t-4)} \times 100$$

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

$$\frac{\text{Successful candidates (successful completers) in Grade 9, the highest grade of middle school level in a school-year } (t)}{\text{Enrollment in Grade 6 in the school- year}(t-3)} \times 100$$

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

$$\frac{\text{Successful candidates (successful completers) in Grade 11, the highest grade of high school level in a school-year } (t)}{\text{Enrollment in Grade 10 in the school- year}(t-1)} \times 100$$

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.

$$\frac{\text{Total number of pupils enrolled at a given level of education}}{\text{Total number of teachers at the same level}}$$

(c) **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 enrollment 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 enrollment 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 enrollment 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 enrollment 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 enrollment 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 License**

Driving License 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**

**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**

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

$$\frac{\text{Number of literate people aged(15+)}}{\text{Total population of the same age group}} \times 100$$

**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 parliamentary member in local government divided by total parliamentary 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.

**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, flexitime and compensatory leave for overtime).
- Helping without pay in a household/ family business.

**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.

**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.

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.

**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 19<sup>th</sup> 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.

**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:

- | (i) <b>Complete List</b>            | (ii) <b>Condensed List</b>    |
|-------------------------------------|-------------------------------|
| 1. 0=Never attend                   | 1. Never attend               |
| 2. 1=Kindergarten/Grade 1           | 2. Complete primary and below |
| 3. 2=Grade 2                        | 3. Complete Secondary         |
| 4. 3=Grade 3                        | 4. Complete high and above    |
| 5. 4=Grade 4                        | 5. Others                     |
| 6. 5= Grade 5                       |                               |
| 7. 6= Grade 6                       |                               |
| 8. 7= Grade 7                       |                               |
| 9. 8= Grade 8                       |                               |
| 10. 9= Grade 9                      |                               |
| 11. 10= Grade 10                    |                               |
| 12. 11= Grade 11                    |                               |
| 13. 12= Vocational training/ School |                               |
| 14. 13= Under graduate Diploma      |                               |
| 15. 14=Bachelor degree              |                               |
| 16. 15=Post graduate degree         |                               |
| 17. 16=Master degree                |                               |
| 18. 17=Ph.D. degree                 |                               |
| 19. 99=Other (specify)              |                               |

### 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; sewerage, waste management and remediation activities
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 communication
11. Financial and insurance activities
12. Real estate activities
13. Professional, scientific and technical activities
14. Administrative and support service activities
15. Public administration and defence; compulsory social security
16. Education
17. Human health and social work activities
18. Arts, Entertainment and Recreation
19. Other service activities
20. Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use
21. Activities of extraterritorial organizations and bodies

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 –

<b>Sector</b>	<b>Major Groupings</b>
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. Services 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 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 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 (a), (b), (c), (d) and (e), 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 (a), (b), (c), (d) and (e), 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 Social Security Board shall support the medicare and cash benefits to the insured workers in place of employers in such cases as sickness, maternity, employment injury, decease of employment injury.

**Contribution**

Contribution means the money paid by the employer or worker or insured person or the Union Government to the Social Security Board Periodically in accord with the provisions of the Law and the rules for the purpose of matters contained in the 2012 Social Security Law.

According to the 2012 Social Security Law, Section (17) and Social Security Rules Article(55) (a), both employer and worker shall pay 2% of worker's salary for Health and Social Care Insurance System. For Employment Injury Benefits Insurance System, only the employer shall pay 1% of worker's salary.

**Benefits**

The following benefits are provided for insured workers:

- (a) Health and Social Care Insurance System:
  - (i) Medical treatment and cash benefit for sickness
  - (ii) Medical treatment and cash benefit for maternity and confinement
  - (iii) Medical treatment for the insured after retirement
  - (iv) Funeral benefit for decease due to any cause
- (b) Employment Injury Benefit Insurance System:
  - (i) Medical treatment
  - (ii) Temporary disability benefit
  - (iii) Permanent disability benefit
  - (iv) Survivors' benefit for decease owing to occupation

**Method of Calculation**

This is the statistic total of the registered establishments and insured workers from these establishments covered by Social Security Scheme and also hospital and clinics that own by Social Security Board and contracted by Social Security Board **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. (PD)

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

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

**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) for base year 2012 and the 2017 Myanmar Living Conditions Survey (MLCS) for base year 2017 conducted by the Central Statistical Organization (CSO).

According to COICOP (Classification of Individual consumption According to Purpose) Classification, weights and composition are grouped into twelve major categories of goods and services. 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 and 2017 base CPI is based on 271 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)**

According to the Global Forest Resource Assessment, Forest is defined as 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 land 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.

**Forest Cover**

Forest cover is defined as the 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 land that is predominantly under agricultural or urban land use.

**Methodology**

The forest cover is estimated based on satellite image analysis and the verification of the ground inventory data and remote sensing dataset using the Remote sensing and Geographic Information System Software. Using Landsat satellite images and seeking FAO's verification, the data on the forest cover of the country is released every five years in the Global Forest Resources Assessments (FRA) by the FAO.

### **Other Wooded Land**

Other Wooded Land is defined as the 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**

"Reserved Forest" means land constituted as a reserved forest under Forest law.

### **Protected Public Forest**

"Protected Public Forest" means land declared to be protected public forest under Forest Law.

### **Methodology**

The area of Reserved Forest and Protected Public Forest listed in above table are taken into account starting from the established date to March, 2023.

### **Protected Area System**

Protected Area means a geographically defined area that is designated or regulated and managed to achieve specific conservation objectives according to the conservation of biodiversity and protected area 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 and Machinery.

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)**

Major portion of energy is obtained from the firewood, charcoal, electronic power and petroleum. The production of firewood and charcoal is expressed in terms of thousand metric tons and crude oil production is measured by million barrels. The electric energy is expressed as the thousands of units (Mega-watt-hour) consumed.

Units consumed indicate the amount of electric power consumed by the power stations for department use plus power used by the consumers. Sale of electric power is classified into four categories such as:

- (i) General purpose (general purpose – domestic use);
- (ii) Industrial power;
- (iii) Bulk (commercial power); and
- (iv) Others (temporary lighting, small power and street lighting)

#### **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**

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 Centre 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 for 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.

The Department of Social Welfare is responsible for volunteer organizations that have been opened in the community, such as Voluntary Pre Primary Schools, Voluntary Youth Development Centers, Voluntary Women's Centers, Voluntary Disability Centers, Youth Centers and Voluntary Pre Primary Night Schools. Providing the registrations of establishment permits to those centers by NGOs in accordance with the relevant law; supervision, financial support and technical assistance are provided annually.

Voluntary Homes for the Aged are established by religious and voluntary organizations. Registered Homes for the Aged are being provided assistances like cash for rice, food and clothes and cash

for the administrators of homes by the Department of Social Welfare. These assistances based on three different stages as stated in the Standard Operating Procedure for Voluntary Organizations (2017).

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-beings.

DSW is accepting and providing care for women survivors in One Stop Women Support Center-OSWSC in Yangon, Mandalay, Lashio, Mawlamyine, Loikaw, Monywa and Sittwe if it needs temporary shelter according to situations of survivors.

Women and girl survivors of physical/ sexual violence, domestic violence who need temporary shelter and survivors of sexual violence and single mother who have economic and social difficulties in giving birth to a child are provided Psycho-Social-Support-PSS, health care services, legal services and financial support for livelihoods of survivors with respective of their abilities and needs to stand on their own feet.

#### **58. 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.

#### **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).

##### **Number of Villages with Rural Health Centre or Sub-Rural Health Centre**

Number of Villages with Rural Health Facility, which includes Rural Health Centre or Sub-Rural Health Centre.

##### **Percentage of villages with Rural Health Centre or Sub-Rural Health Centre**

Percentage of villages with Rural Health Facility which includes Rural Health Centre or Sub-Rural Health Centre.

$$\frac{\text{Number of villages with Rural Health Centre or Sub-Rural Health Center}}{\text{Total number of Villages}} \times 100$$

#### **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.

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

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

Proportion of Morbidity (Hospitalization) attributable to single cause or disease.

**Method of calculation**

$$\frac{\text{Number of patients with a single disease or cause}}{\text{Total number of hospitalized patients}} \times 100$$

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

Proportion of Mortality (Death) attributable to single cause or disease

**Method of calculation**

$$\frac{\text{Number of deaths due to a single disease or cause}}{\text{Total number of hospital deaths}} \times 100$$

# **HANDBOOK ON HUMAN RESOURCES DEVELOPMENT INDICATORS**

**2021-2023**



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