

THE REPUBLIC OF THE UNION OF MYANMAR

The 2014 Myanmar Population and Housing Census

KAYAH STATE, BAWLAKHE DISTRICT

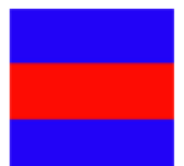
Bawlakhe Township Report



Department of Population

Ministry of Labour, Immigration and Population

October 2017



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Kayah State, Bawlakhe District

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Figure 1: Map of Kayah State, showing the townships



Bawlakhe Township Figures at a Glance ¹

Total Population	8,480 ²	
Population males	4,651 (54.8%)	
Population females	3,829 (45.2%)	
Percentage of urban population	48.9%	
Area (Km²)	449.8 ³	
Population density (per Km²)	18.9 persons	
Median age	24.5 years	
Number of wards	2	
Number of village tracts	5	
Number of private households	1,589	
Percentage of female headed households	21.5%	
Mean household size	4.4 persons⁴	
Percentage of population by age group		
Children (0 – 14 years)	29.1%	
Economically productive (15 – 64 years)	68.1%	
Elderly population (65+ years)	2.8%	
Dependency ratios		
Total dependency ratio	46.9	
Child dependency ratio	42.7	
Old dependency ratio	4.2	
Ageing index	9.8	
Sex ratio (males per 100 females)	122	
Literacy rate (persons aged 15 and over)	87.5%	
Male	91.1%	
Female	84.0%	
People with disability	Number	Per cent
Any form of disability	560	6.6
Walking	140	1.7
Seeing	322	3.8
Hearing	181	2.1
Remembering	151	1.8

Type of Identity Card (persons aged 10 and over)	Number	Per cent	
Citizenship Scrutiny	6,534	95.3	
Associate Scrutiny	-	-	
Naturalised Scrutiny	*	< 0.1	
National Registration	22	0.3	
Religious	*	0.2	
Temporary Registration	*	0.1	
Foreign Registration	-	-	
Foreign Passport	-	-	
None	276	4.0	
Labour Force (aged 15 – 64)	Both sexes	Male	Female
Labour force participation rate	81.0%	94.0%	63.6%
Unemployment rate	1.1%	1.0%	1.4%
Employment to population ratio	80.1%	93.1%	62.7%
Ownership of housing unit (Tenure)	Number	Per cent	
Owner	1,227	77.2	
Renter	92	5.8	
Provided free (individually)	28	1.8	
Government quarters	240	15.1	
Private company quarters	*	0.1	
Other	*	0.1	
Material for housing	Wall	Floor	Roof
Dhani/Theke/In leaf	0.6%		27.1%
Bamboo	33.9%	24.2%	0.2%
Earth	-	0.9%	
Wood	46.6%	54.3%	0.9%
Corrugated sheet	0.1%		71.6%
Tile/Brick/Concrete	18.8%	19.8%	-
Other	0.1%	0.8%	0.1%
Main source of energy for cooking	Number	Per cent	
Electricity	499	31.4	
LPG	-	-	
Kerosene	*	0.8	
Biogas	-	-	
Firewood	1,048	66.0	
Charcoal	26	1.6	
Coal	*	0.1	
Other	*	0.1	

Main source of energy for lighting	Number	Per cent
Electricity	887	55.8
Kerosene	70	4.4
Candle	479	30.1
Battery	*	1.1
Generator (private)	*	0.9
Water mill (private)	*	0.1
Solar system/energy	108	6.8
Other	*	0.7
Main source of drinking water	Number	Per cent
Tap water/piped	255	16.1
Tube well, borehole	*	0.6
Protected well/spring	26	1.6
Bottled/purifier water	56	3.5
<i>Total Improved Water Sources</i>	<i>346</i>	<i>21.8</i>
Unprotected well/spring	60	3.8
Pool/pond/lake	91	5.7
River/stream/canal	890	56.0
Waterfall/rainwater	202	12.7
Other	-	-
<i>Total Unimproved Water Sources</i>	<i>1,243</i>	<i>78.2</i>
Main source of water for non-drinking use	Number	Per cent
Tap water/piped	276	17.4
Tube well, borehole	*	0.4
Protected well/spring	23	1.4
Unprotected well/spring	57	3.6
Pool/pond/lake	89	5.6
River/stream/canal	928	58.4
Waterfall/rainwater	205	12.9
Bottled/purifier water	*	0.1
Other	*	0.2

Type of toilet	Number	Per cent
Flush	*	0.3
Water seal (Improved pit latrine)	1,480	93.2
Total Improved Sanitation	1,485	93.5
Pit (Traditional pit latrine)	46	2.9
Bucket (Surface latrine)	*	0.1
Other	*	0.1
None	55	3.4
Availability of communication amenities	Number	Per cent
Radio	430	27.1
Television	815	51.3
Landline phone	53	3.3
Mobile phone	27	1.7
Computer	39	2.5
Internet at home	*	0.1
Households with none of the items	591	37.2
Households with all of the items	-	-
Availability of Transportation equipment	Number	Per cent
Car/Truck/Van	34	2.1
Motorcycle/Moped	880	55.4
Bicycle	287	18.1
4-Wheel tractor	55	3.5
Canoe/Boat	*	0.3
Motor boat	*	0.1
Cart (bullock)	362	22.8

Note: ¹ Population figures for Bawlakhe Township are as of 29th March 2014.

² Includes both household population and institution population.

³ Settlement and Land Record Department, Ministry of Agriculture, Livestock and Irrigation, (2014-2015)

⁴ Calculated based on conventional household population

* Less than 20.

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Introduction

In April 2014, the Government of the Republic of the Union of Myanmar conducted its latest census, after three decades without a Population and Housing Census. In the post-independence period, comprehensive population and housing censuses were only successfully undertaken in 1973, 1983 and most recently in April 2014.

Censuses are an important source of benchmark information on the characteristics of the population and households in every country. One unique feature of a census is its ability to provide information down to the lowest administrative level. Such information is vital for planning and evidence based decision-making at every level. Additional data uses include allocation of national resources; the review of administrative boundaries; the positioning of social infrastructures, drawing national development plans, service provision and developing social infrastructure, and for humanitarian preparedness and response.

The results of the 2014 Census have been published so far in a number of volumes. The first was the Provisional Results released in August 2014. The Census Main Results were launched in May 2015. These included The Union Report, Highlights of the Main Results, and reports of each of the 15 States and Regions. The reports on Occupation and Industry and Religion were launched in March 2016 and July 2016, respectively. All the publications are available online at <http://www.dop.gov.mm/> and <http://myanmar.unfpa.org/node/15104>.

The current set of the 2014 Census publications comprise township and sub-township reports. Their preparation involved collaborative efforts of the Department of Population and UNFPA. This report contains selected demographic and socio-economic characteristics of Bawlakhe Township in Kayah State. The information included in this report is the situation of 2014 March 29, Census night. Township level information is very important. However, the level of confidence of township estimates is not the same as Union level information. Some of the townships have relatively small populations; the interpretation of these estimates should be made with caution. Some of the indicators, such as IMR/U5MR, were adopted only after careful analysis considering a number of factors to ensure consistency in the results. Estimates for townships with relatively small number of observations should not be taken as exact estimates of the mortality level, but rather they should be regarded as reasonable indicators for the scale of mortality risk they experience, an indication of which townships are better off and which are in a more vulnerable situation.

Census information on Bawlakhe Township

(A) Demographic Characteristics

Total population	8,480 *		
Males	4,651		
Females	3,829		
Sex ratio	122 males per 100 females		
Percentage of urban population	48.9%		
Area (Km ²)	449.8 **		
Population density (persons per Km ²)	18.9 persons		
Number of wards	2		
Number of village tracts	5		
	Total	Urban	Rural
Population in conventional households	7,022	3,323	3,699
Number of conventional households	1,589	839	750
Mean household size	4.4 persons ***		
<ul style="list-style-type: none"> • In Bawlakhe Township, there are fewer females than males with 122 males per 100 females. • The majority of the people in the Township live in rural areas with (48.9%) living in urban areas. • The population density of Bawlakhe Township is 19 persons per square kilometre. • There are 4.4 persons living in each household in Bawlakhe Township. This is equal to the Union average. 			

Note: * Includes both household population and institution population.

** Settlement and Land Record Department, Ministry of Agriculture, Livestock and Irrigation, (2014-2015)

***Calculated based on conventional household population

Table 1: Population and number of conventional households by sex by ward and village tract; Bawlakhe Township (Bawlakhe District, Kayah State)

Sr	Ward/Village Tract	No. of Conventional households	Population		
			Total	Males	Females
	Total	1,589	8,480	4,651	3,829
	Ward	839	4,146	2,318	1,828
1	Kayah Paing(W)	126	500	252	248
2	Shan Paing(W)	713	3,646	2,066	1,580
	Village Tract	750	4,334	2,333	2,001
1	Bu Khu(VT)	55	269	120	149
2	Nan Hpe(VT)	205	1,102	560	542
3	Bawlakhe(VT)	261	1,397	750	647
4	Saw Lon(VT)	63	319	203	116
5	Chi Kweit(VT)	166	1,247	700	547

Figure 2: Population by broad age groups, Bawlakhe Township

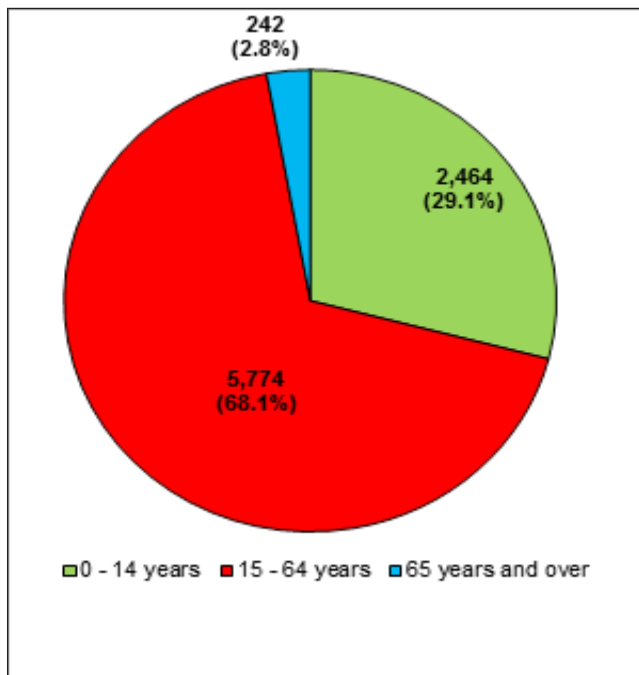
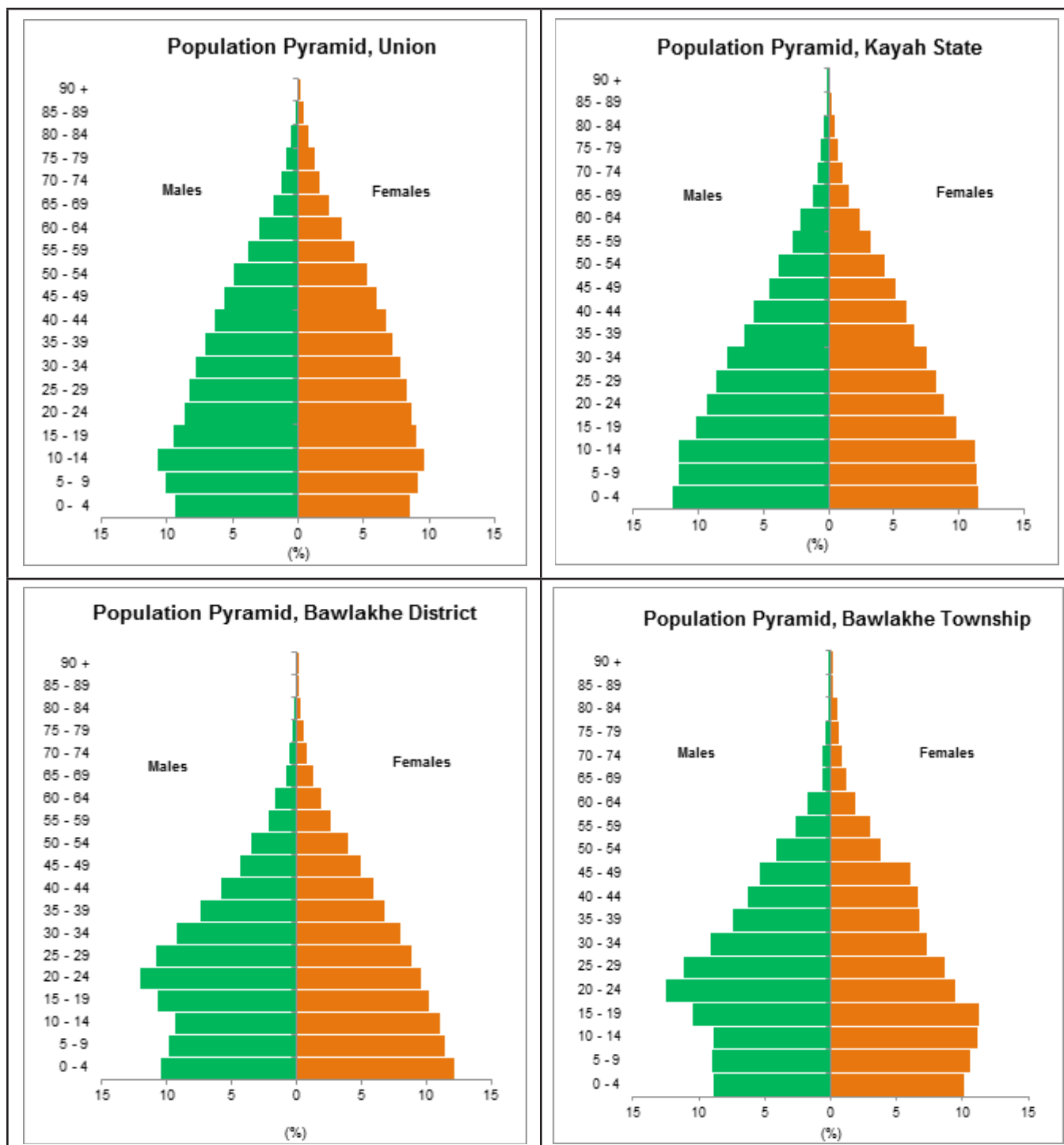


Table 2: Population by 5-year age groups, Bawlakhe Township

Age groups	Total	Males	Females
Total	8,480	4,651	3,829
0 - 4	801	413	388
5 - 9	823	419	404
10 - 14	840	415	425
15 - 19	917	488	429
20 - 24	945	583	362
25 - 29	851	518	333
30 - 34	702	424	278
35 - 39	599	343	256
40 - 44	547	293	254
45 - 49	481	251	230
50 - 54	339	194	145
55 - 59	240	124	116
60 - 64	153	82	71
65 - 69	77	30	47
70 - 74	63	29	34
75 - 79	43	18	25
80 - 84	28	10	18
85 - 89	17	10	7
90 +	14	7	7

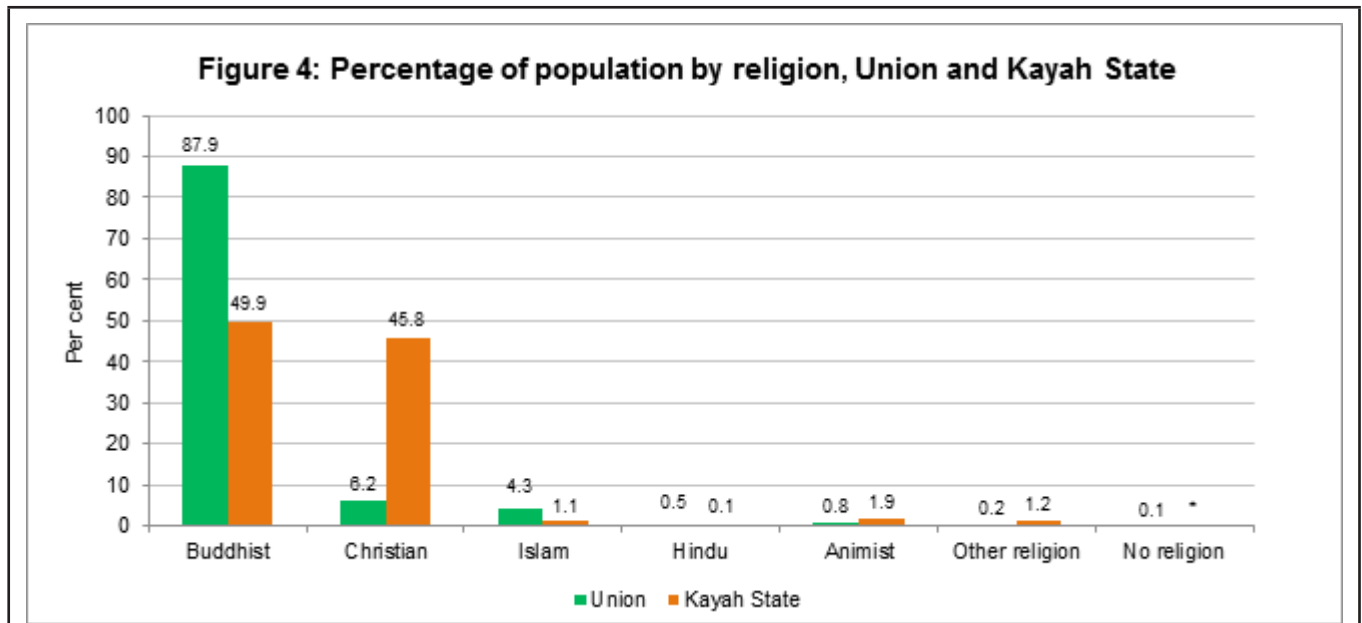
- The proportion of productive working population between 15 to 64 years of age in Bawlakhe Township is 68.1 per cent.
- The proportion of children aged 14 and below together with the proportion of the elderly aged 65 and over are less than the proportion of the working age group population.
- Fewer proportions of children and elderly reduce the dependency of those age groups on the working age population.

Figure 3: Population pyramid (Union, Kayah State, Bawlakhe District and Bawlakhe Township)



- In Bawlakhe Township, there is not much population difference in age groups 0-4 to 10-14. Male population is highest in age group 20-24.
- Compared to Union level, there is a higher percentage of working age group 15-64 population in Bawlakhe Township.
- Except for age groups 10-14 and 80-84, there are more males than females in all age groups.

(B) Religion



- At the Union level, the composition of the population by religion is: 87.9% Buddhist, 6.2% Christian, 4.3% Islam, 0.5% Hindu, 0.8% Animist, 0.2% Other religion and 0.1% No religion.
- In Kayah State, it is 49.9% Buddhist, 45.8% Christian, 1.1% Islam, 0.1% Hindu, 1.9% Animist, 1.2% Other religion and less than 0.1% No religion.

Note: * Less than 0.1 per cent.

(C) Education

Table 3: Population aged 5 - 29 and current school attendance by sex by age

Age	Total population			Currently attending		
	Total	Males	Females	Total	Males	Females
5	134	65	69	55	32	23
6	168	76	92	143	67	76
7	153	78	75	144	73	71
8	157	79	78	145	71	74
9	169	87	82	150	77	73
10	149	67	82	135	60	75
11	150	72	78	135	63	72
12	157	67	90	129	56	73
13	151	73	78	108	48	60
14	141	71	70	93	42	51
15	126	66	60	67	31	36
16	148	73	75	59	23	36
17	155	69	86	31	16	15
18	160	90	70	28	11	17
19	138	62	76	12	4	8
20	148	76	72	12	4	8
21	134	70	64	6	1	5
22	127	67	60	2	2	-
23	137	64	73	2	1	1
24	108	57	51	3	2	1
25	126	59	67	1	1	-
26	110	53	57	2	1	1
27	96	50	46	2	2	-
28	124	68	56	2	1	1
29	126	54	72	1	1	-

Figure 5: School attendance by age, Union, Kayah State and Bawlakhe Township

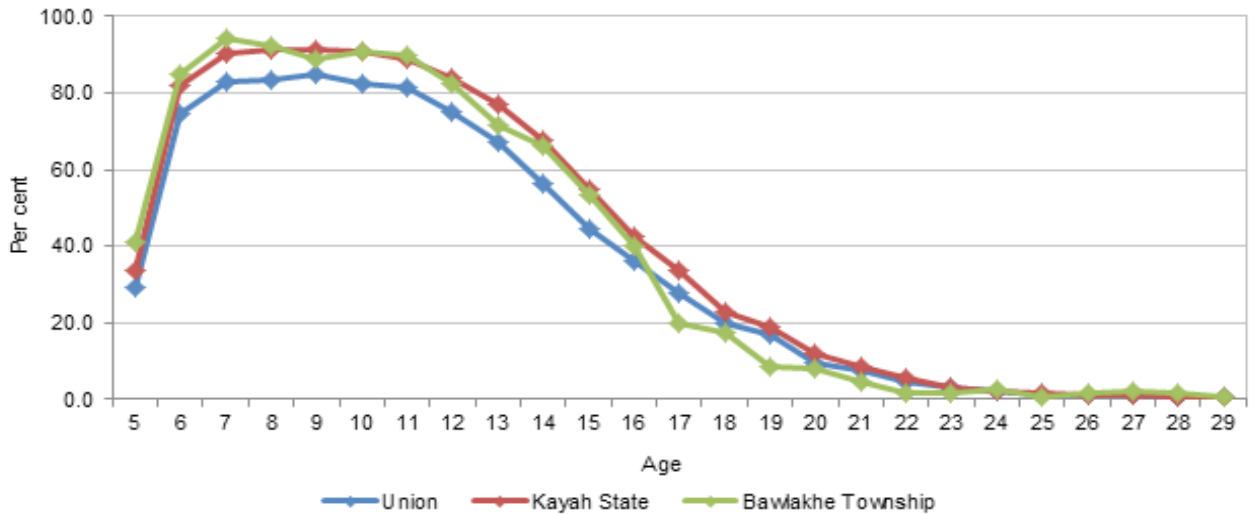
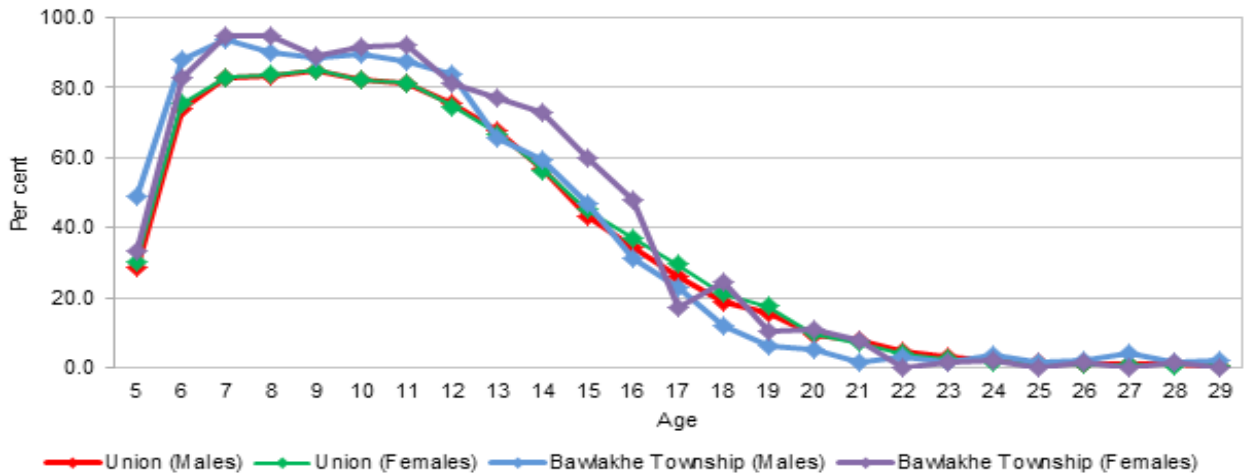
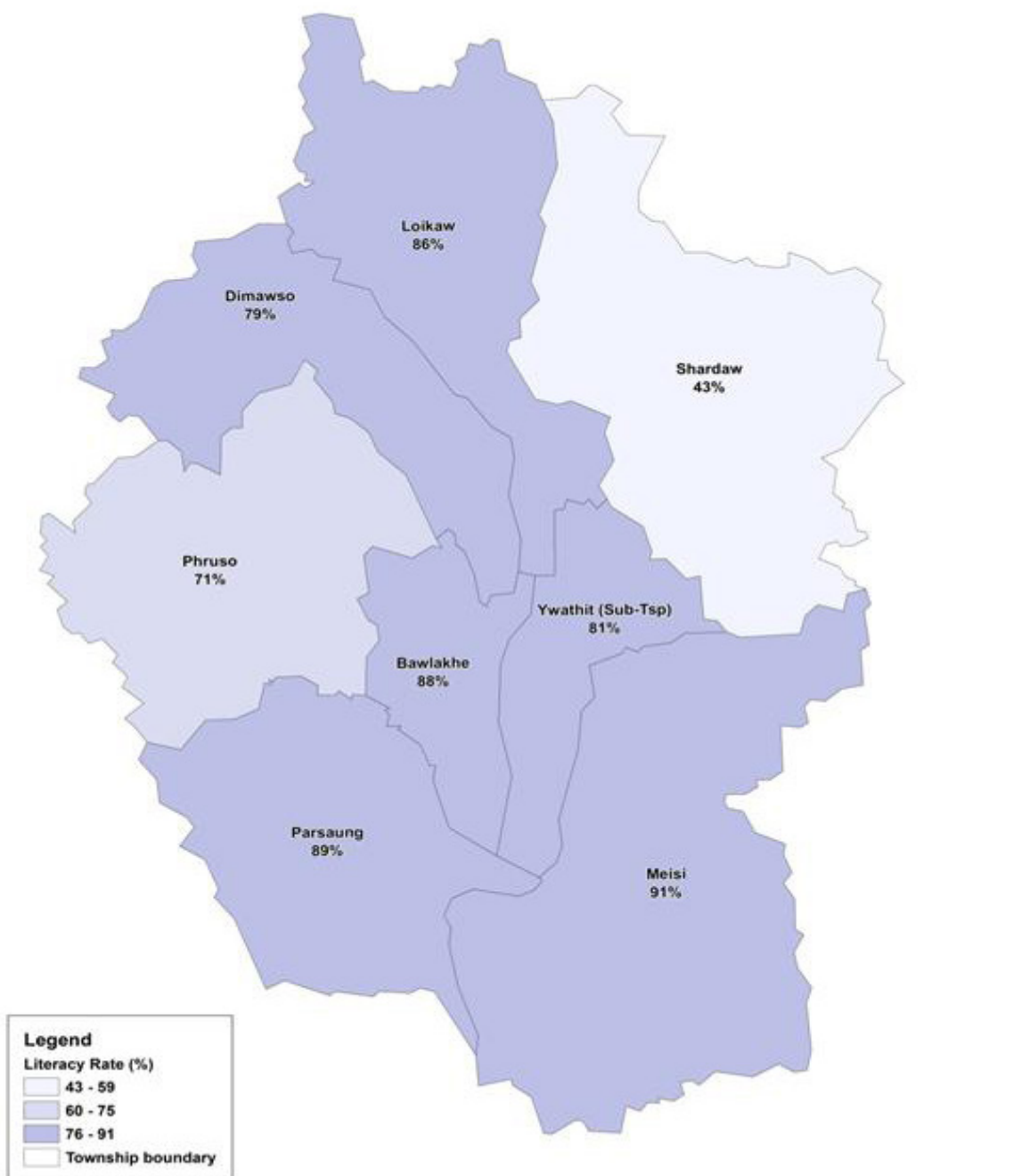


Figure 6: School attendance by age by sex, Union and Bawlakhe Township



- School attendance in Bawlakhe Township drops after age 11 for males and age 12 for females.
- Compared to the Union, the school attendance of males and females in Bawlakhe Township is lower than that of the Union after age 17 onwards.

Figure 7: Literacy rate, Kayah State (aged 15 and over)



Union	: 89.5%
Kayah State	: 82.1%
Bawlakhe District	: 88.6%
Bawlakhe Township	: 87.5%

Table 4: Youth literacy rate (15 - 24), Bawlakhe Township

Sex	Total Population (15 - 24)	Literacy Rate (15 - 24)
Total	1,381	96.2
Males	694	95.7
Females	687	96.8

- The literacy rate of those aged 15 and over in Bawlakhe Township is 87.5 per cent. It is higher than the literacy rate of Kayah State (82.1%) but lower than that of the Union (89.5%). Female literacy rate is 84.0 per cent and for the males it is 91.1 per cent.
- The literacy rate for youth aged 15-24 is 96.2 per cent with 96.8 per cent for females and 95.7 per cent for males.

Table 5: Population aged 25 and over by highest level of education completed, urban/rural and sex

	Total	None	% Never attended	Primary school		Middle school (grade 6 - 9)	High school (grade 10 - 11)	Diploma	University/ College	Post-graduate and above	Vocational training	Other
				(grade 1 - 4)	(grade 5)							
Total	4,154	625	15.0	1,092	595	867	504	26	323	24	14	84
Urban	2,183	286	13.1	386	273	509	371	20	288	22	9	19
Rural	1,971	339	17.2	706	322	358	133	6	35	2	5	65
Males	2,333	252	10.8	607	345	586	283	15	182	19	13	31
Females	1,821	373	20.5	485	250	281	221	11	141	5	1	53

- Fifteen per cent of the population aged 25 and over have never been to school.
- Of the rural population aged 25 and over, 17.2 per cent have never been to school.
- There are 10.8 per cent of males aged 25 and over who have never attended school as against 20.5 per cent for females.
- Among those aged 25 and over, 14.3 per cent has completed primary school(grade 5) and only 7.8 per cent has completed university/college education.

(D) Economic Characteristics

Table 6: Population aged 10 and over by labour force participation rate and unemployment rate by sex and age group

Age groups	Labour Force Participation Rate		
	Total	Males	Females
10 - 14	16.1	18.8	13.4
15 - 19	66.6	78.3	53.4
20 - 24	88.0	99.0	70.4
25 - 29	84.7	98.1	64.0
30 - 34	86.3	98.6	67.6
35 - 39	85.8	98.5	68.8
40 - 44	83.9	98.0	67.7
45 - 49	82.3	96.4	67.0
50 - 54	80.2	93.3	62.8
55 - 59	74.2	88.7	58.6
60 - 64	56.9	72.0	39.4
65 - 69	49.4	63.3	40.4
70 - 74	28.6	37.9	20.6
75 +	13.7	22.2	7.0
15 - 24	77.5	89.5	61.2
15 - 64	81.0	94.0	63.6

Age groups	Unemployment Rate		
	Total	Males	Females
10 - 14	2.2	2.6	1.8
15 - 24	2.6	2	3.9
15 - 64	1.1	1	1.4
65 +	-	-	-

Figure 8: Labour force participation rate

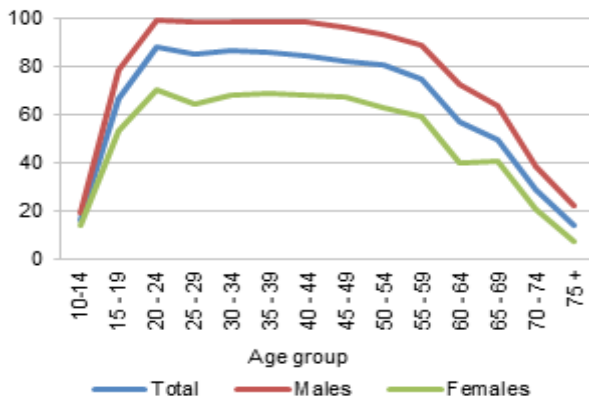
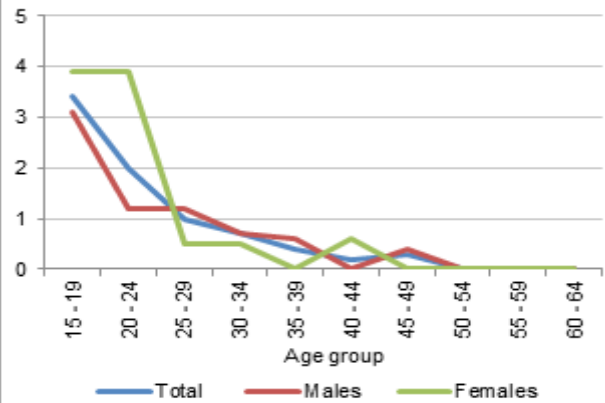


Figure 9: Unemployment rate



- Labour force participation rate for the population aged 15-64 in Bawlakhe Township is 81.0 per cent.
- The labour force participation rate of females is 63.6 per cent and is much lower than that of their male counterparts which is 94.0 per cent.
- In Bawlakhe Township, labour force participation rate for the population aged 10-14 is 16.1 per cent.
- The unemployment rate for those aged 15-64 in Bawlakhe Township is 1.1 per cent. There is not much difference between the unemployment rate for males (1.0%) and for females (1.4%).
- The unemployment rate for young females aged 15-24 is 3.9 per cent.

Table 7: Population aged 10 and over not in the labour force by usual activity status and sex

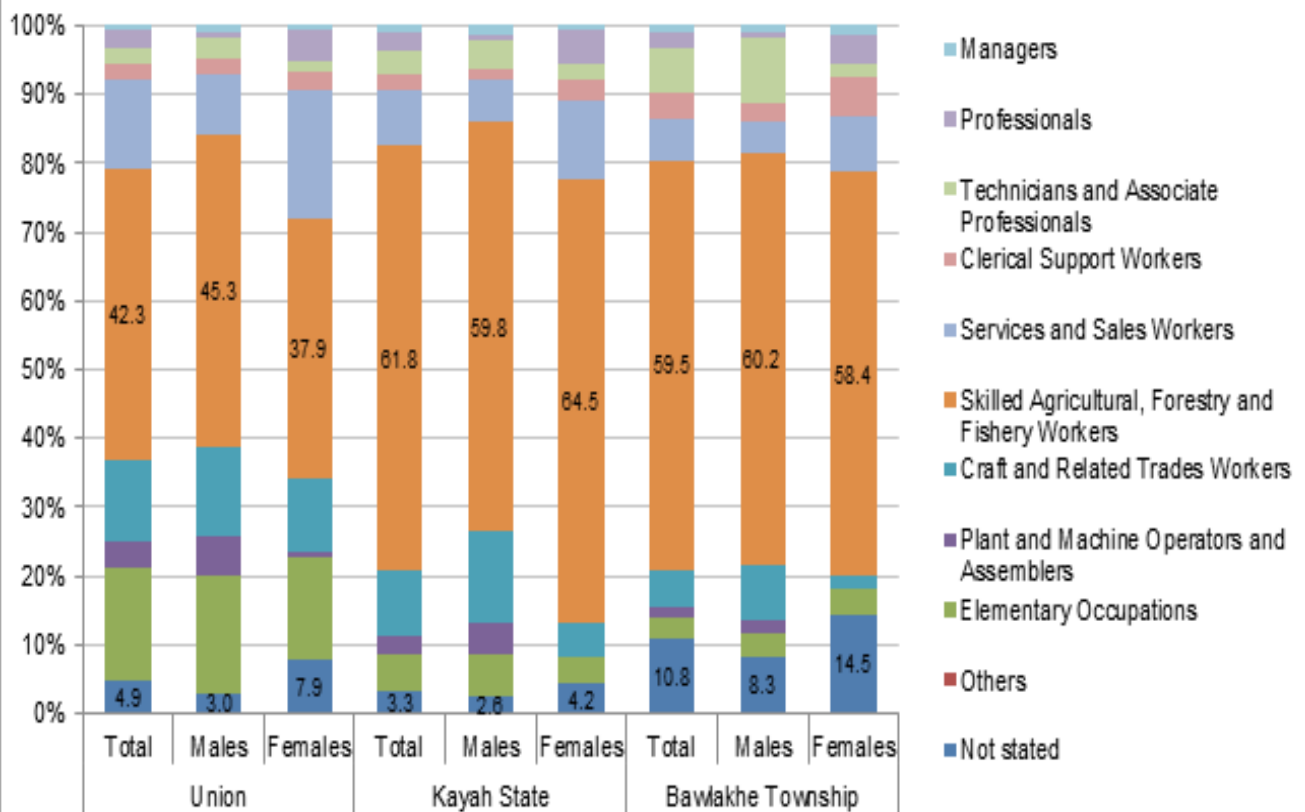
Sex	Usual activity status						
	Total	Did not seek work	Full time student	Household worker	Pensioner, retired, elderly	Ill, disabled	Other
Total	1,975	0.6	46.5	38.5	10.9	1.7	1.8
Males	599	1.0	71.5	4.2	16.4	2.5	4.5
Females	1,376	0.4	35.7	53.5	8.5	1.3	0.7

- Among those aged 10 and over who are not in the labour force, 71.5 per cent of males are full time students while 53.5 per cent of females are household workers.

Table 8: Employed persons aged 15 - 64 by occupation by sex

Occupation	Employed persons			Per cent		
	Total	Males	Females	Total	Males	Females
Total	3,385	2,033	1,352	100.0	100.0	100.0
Managers	39	21	18	1.2	1.0	1.3
Professionals	70	13	57	2.1	0.6	4.2
Technicians and Associate Professionals	222	197	25	6.6	9.7	1.8
Clerical Support Workers	132	53	79	3.9	2.6	5.8
Services and Sales Workers	200	90	110	5.9	4.4	8.1
Skilled Agricultural, Forestry and Fishery Workers	2,014	1,224	790	59.5	60.2	58.4
Craft and Related Trades Workers	184	157	27	5.4	7.7	2.0
Plant and Machine Operators and Assemblers	48	45	3	1.4	2.2	0.2
Elementary Occupations	111	64	47	3.3	3.1	3.5
Others	-	-	-	-	-	-
Not stated	365	169	196	10.8	8.3	14.5

Figure 10: Percentage of employed persons aged 15 - 64 by occupation by sex, Union, Kayah State and Bawlakhe Township



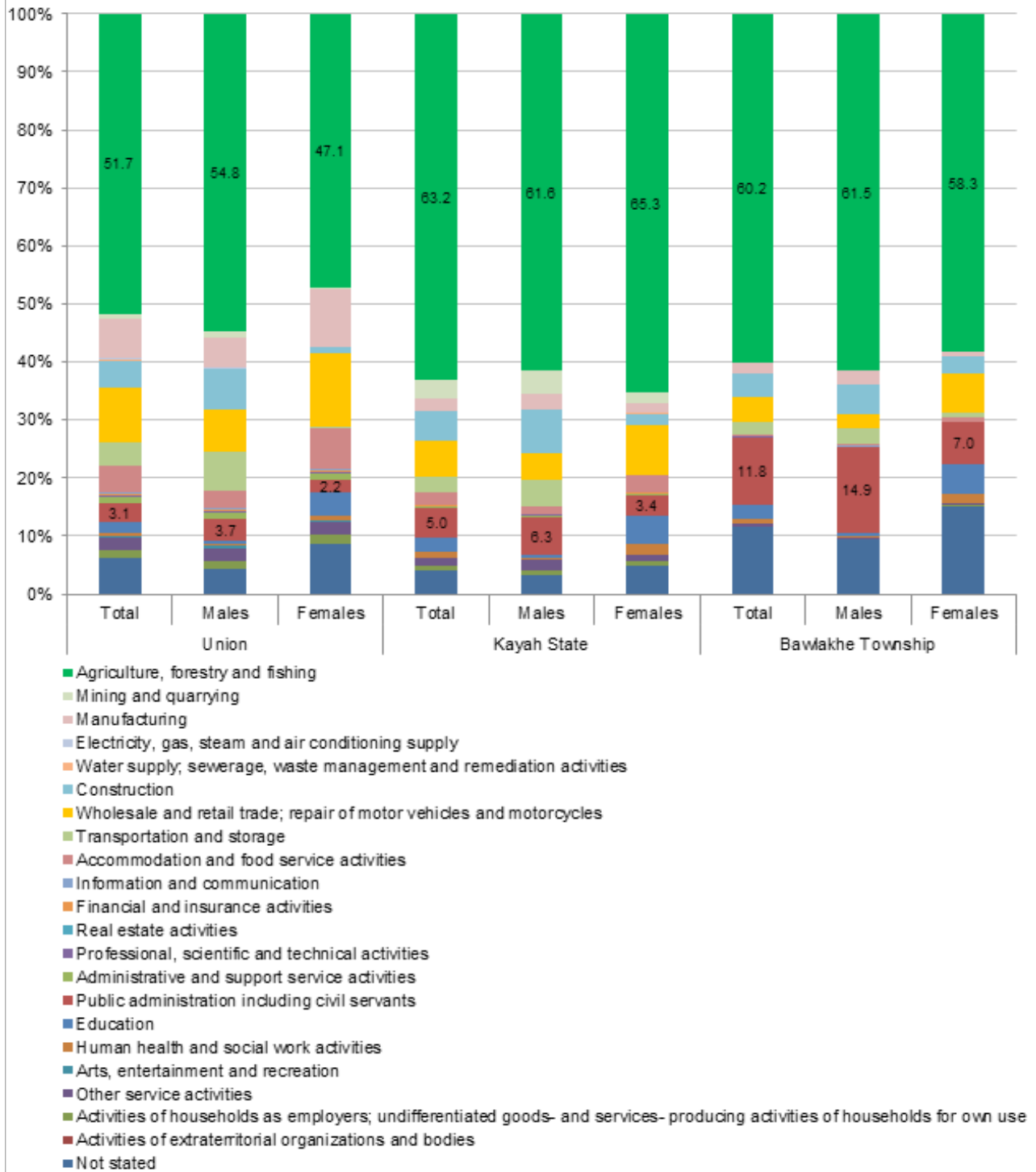
- In Bawlakhe Township, 59.5 per cent of the employed persons aged 15-64 are skilled agricultural, forestry and fishery workers.
- Analysis by sex shows that 60.2 per cent of males and 58.4 per cent of females are skilled agricultural, forestry and fishery workers.
- In Kayah State, 61.8 per cent are skilled agricultural, forestry and fishery workers.

Table 9: Employed persons aged 15 - 64 by industry by sex

Industry	Employed persons			Per cent		
	Total	Males	Females	Total	Males	Females
Total	3,385	2,033	1,352	100.0	100.0	100.0
Agriculture, forestry and fishing	2,038	1,250	788	60.2	61.5	58.3
Mining and quarrying	1	1	-	*	*	-
Manufacturing	60	48	12	1.8	2.4	0.9
Electricity, gas, steam and air conditioning supply	-	-	-	-	-	-
Water supply; sewerage, waste management and remediation activities	-	-	-	-	-	-
Construction	139	102	37	4.1	5.0	2.7
Wholesale and retail trade; repair of motor vehicles and motorcycles	142	49	93	4.2	2.4	6.9
Transportation and storage	71	59	12	2.1	2.9	0.9
Accommodation and food service activities	14	4	10	0.4	0.2	0.7
Information and communication	3	3	-	0.1	0.1	-
Financial and insurance activities	-	-	-	-	-	-
Real estate activities	-	-	-	-	-	-
Professional, scientific and technical activities	1	-	1	*	-	0.1
Administrative and support service activities	1	1	-	*	*	-
Public administration including civil servants	398	303	95	11.8	14.9	7.0
Education	82	12	70	2.4	0.6	5.2
Human health and social work activities	24	3	21	0.7	0.1	1.6
Arts, entertainment and recreation	1	1	-	*	*	-
Other service activities	15	8	7	0.4	0.4	0.5
Activities of households as employers; undifferentiated goods- and services- producing activities of households for own use	1	-	1	*	-	0.1
Activities of extraterritorial organizations and bodies	-	-	-	-	-	-
Not stated	394	189	205	11.6	9.3	15.2

Note: * Less than 0.1 per cent.

Figure 11: Percentage of employed persons aged 15 - 64 by industry by sex, Union, Kayah State and Bawlakhe Township



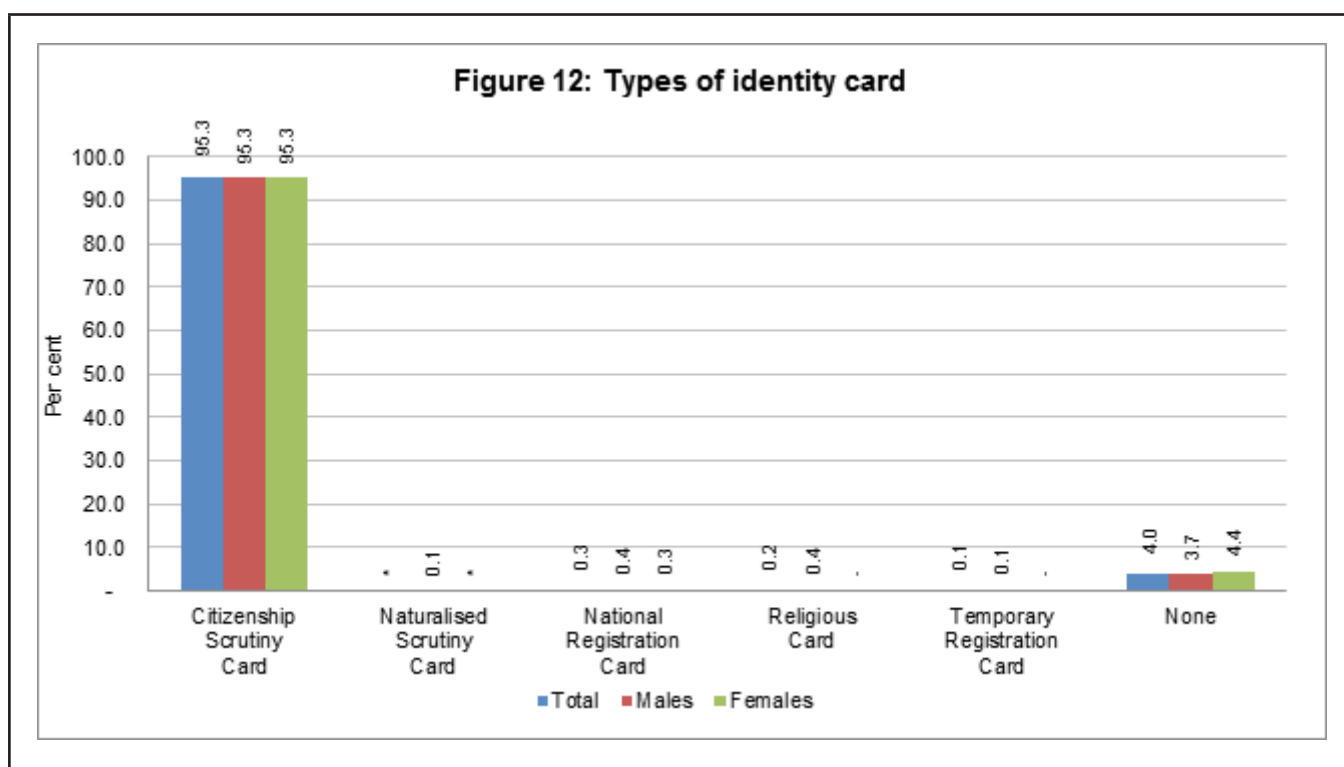
- In Bawlakhe Township, the proportion of employed persons working in the industry of “Agriculture, forestry and fishing” is the highest with 60.2 per cent.
- The second highest industry is “Public administration including civil servants” at 11.8 per cent.
- There are 61.5 per cent of males and 58.3 per cent of females working in “Agriculture, forestry and fishing” industry.
- In Kayah State, there are 63.2 per cent of employed population working in “Agriculture, forestry and fishing” industry and 5.0 per cent in “Public administration including civil servants” industry.

(E) Identity Cards

Table 10: Population aged 10 and over by type of identity card, urban/rural and sex

	Citizenship Scrutiny Card	Associate Scrutiny Card	Naturalised Scrutiny Card	National Registration Card	Religious Card	Temporary Registration Card	Foreign Registration Card	Foreign Passport	None
Total	6,534	-	*	22	*	*	-	-	276
Urban	3,289	-	*	16	*	*	-	-	152
Rural	3,245	-	-	6	*	*	-	-	124
Males	3,640	-	*	14	*	*	-	-	142
Females	2,894	-	*	8	-	-	-	-	134

Note: * Less than 20 cards.



- In Bawlakhe Township, 95.3 per cent of the population aged 10 and over have Citizenship Scrutiny Card while 4.0 per cent have none.
- Analysis by sex shows that 3.7 per cent of males and 4.4 per cent of females do not have any type of card.

Note: * Less than 0.1 per cent.

(F) Disability

Table 11: Population by disability prevalence rate and type of disability by sex by age group

Age groups	Total Population				Type of disability			
	Total	Not disabled	With any of 4 disabilities	Disability prevalence rate (%)	Seeing	Hearing	Walking	Remembering
Total	8,480	7,920	560	6.6	322	181	140	151
0-14	2,464	2,427	37	1.5	4	8	14	24
15-64	5,774	5,378	396	6.9	242	110	78	79
65+	242	115	127	52.5	76	63	48	48
Males	4,651	4,330	321	6.9	177	113	79	77
0-14	1,247	1,226	21	1.7	1	3	9	14
15-64	3,300	3,061	239	7.2	142	70	51	44
65+	104	43	61	58.7	34	40	19	19
Females	3,829	3,590	239	6.2	145	68	61	74
0-14	1,217	1,201	16	1.3	3	5	5	10
15-64	2,474	2,317	157	6.3	100	40	27	35
65+	138	72	66	47.8	42	23	29	29

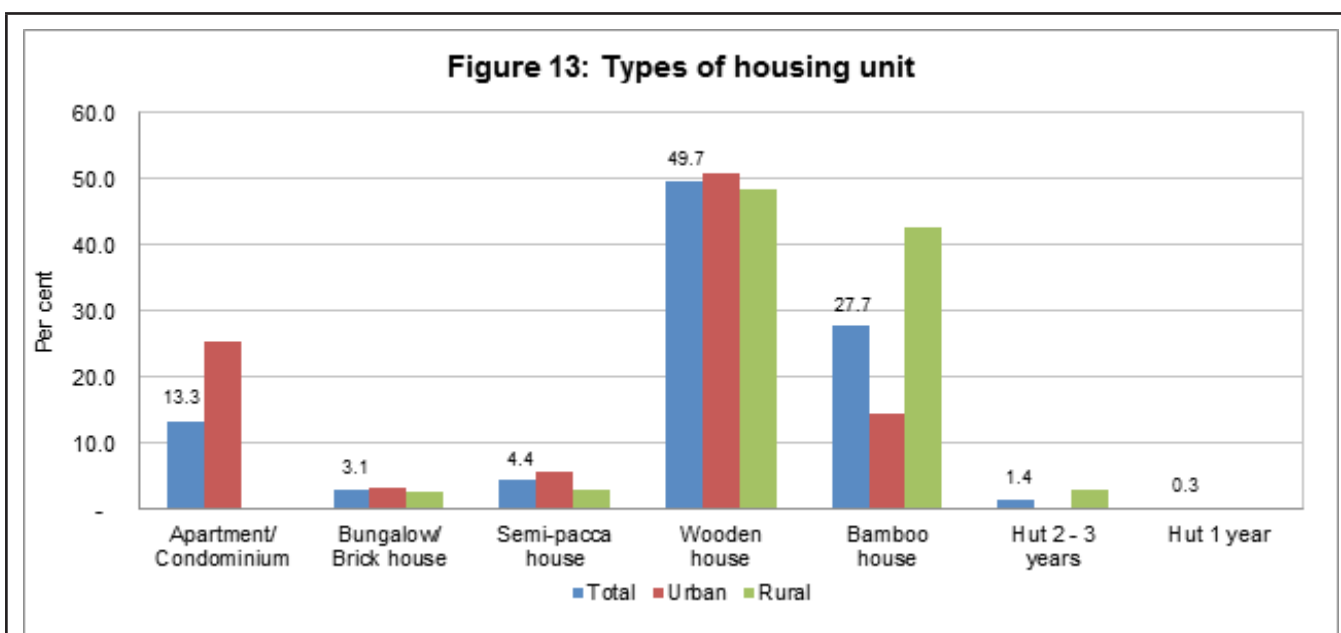
- Seven in every 100 persons in Bawlakhe Township have, at least, one form of disability.
- Slightly less females than males have disability.
- The prevalence of disability increases with age and it increases considerably after the age of 65.
- Difficulties with seeing and hearing were the most commonly mentioned forms of disability in the Township.

(G) Housing Conditions and Household Amenities

Type of housing unit

Table 12: Conventional households by type of housing unit by urban/rural

Residence	Total	Apartment/ Condominium	Bungalow/ Brick house	Semi-pacca house	Wooden house	Bamboo house	Hut 2 - 3 years	Hut 1 year	Other
Total	1,589	13.3	3.1	4.4	49.7	27.7	1.4	0.3	-
Urban	839	25.3	3.3	5.6	50.9	14.4	0.1	0.4	-
Rural	750	-	2.8	3.1	48.4	42.5	2.9	0.3	-



- The majority of the households in Bawlakhe Township are living in wooden houses (49.7%) followed by households in bamboo houses (27.7%).
- Some 50.9 per cent of urban households and 48.4 per cent of rural households live in wooden houses.

Type of toilet

Figure 14: Proportion of households with access to improved sanitation

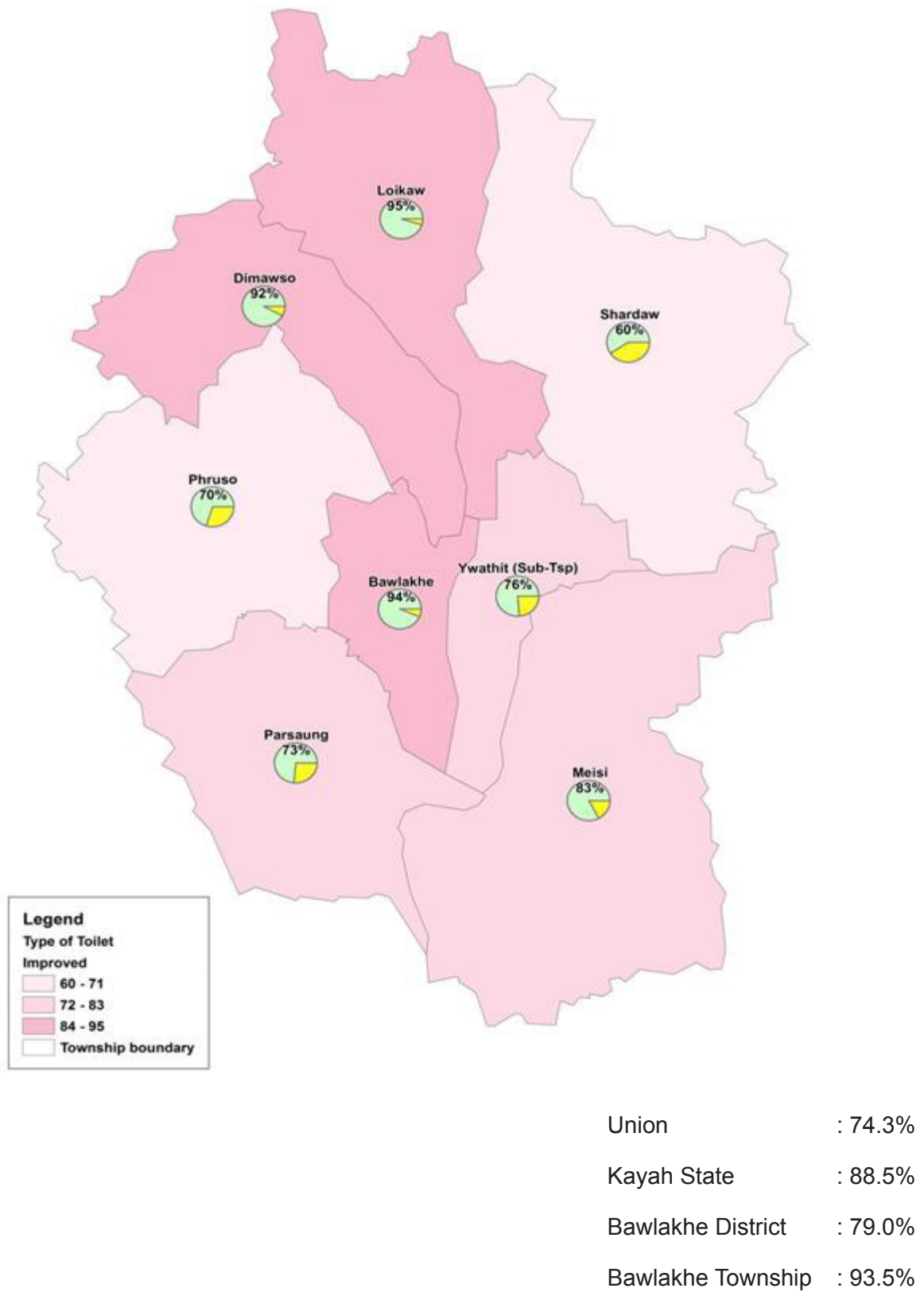


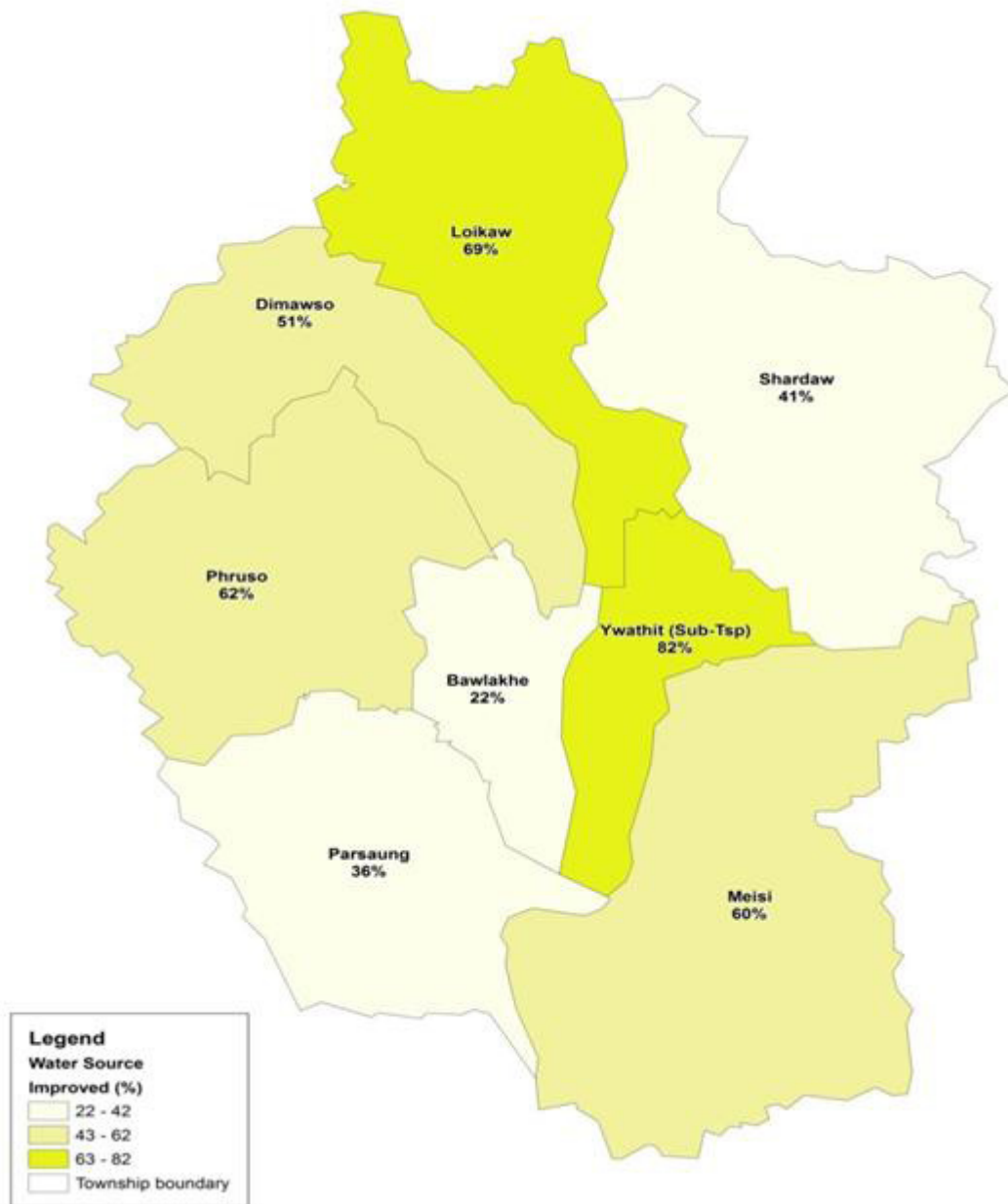
Table 13: Conventional households by type of toilet by urban/rural

Type of toilet		Total	Urban	Rural
Flush		0.3	0.6	-
Water seal (Improved pit latrine)		93.2	94.3	91.9
<i>Improved sanitation</i>		93.5	94.9	91.9
Pit (Traditional pit latrine)		2.9	3.5	2.3
Bucket (Surface latrine)		0.1	0.1	0.1
Other		0.1	0.1	-
None		3.4	1.4	5.7
Total	Per cent	100.0	100.0	100.0
	Number	1,589	839	750

- Some 93.5 per cent of the households in Bawlakhe Township have improved sanitation facilities (flush toilet 0.3%), water seal (improved pit latrine) (93.2%).
- Compared to other townships in Kayah State, this proportion of households with improved sanitation facilities belongs to (84-95) per cent group.
- The proportion of households with improved sanitation facilities in Kayah State is 88.5 per cent while it is 74.3 per cent at the Union level.
- Some 3.4 per cent of the households in the township have no toilet facilities. For the entire Kayah State, it is 6.8 per cent.
- In the rural areas of Bawlakhe Township, 5.7 per cent of the households have no toilet facilities.

Source of drinking water

Figure 15: Proportion of households with access to improved source of drinking water



Union	: 69.5%
Kayah State	: 58.3%
Bawlakhe District	: 39.7%
Bawlakhe Township	: 21.8%

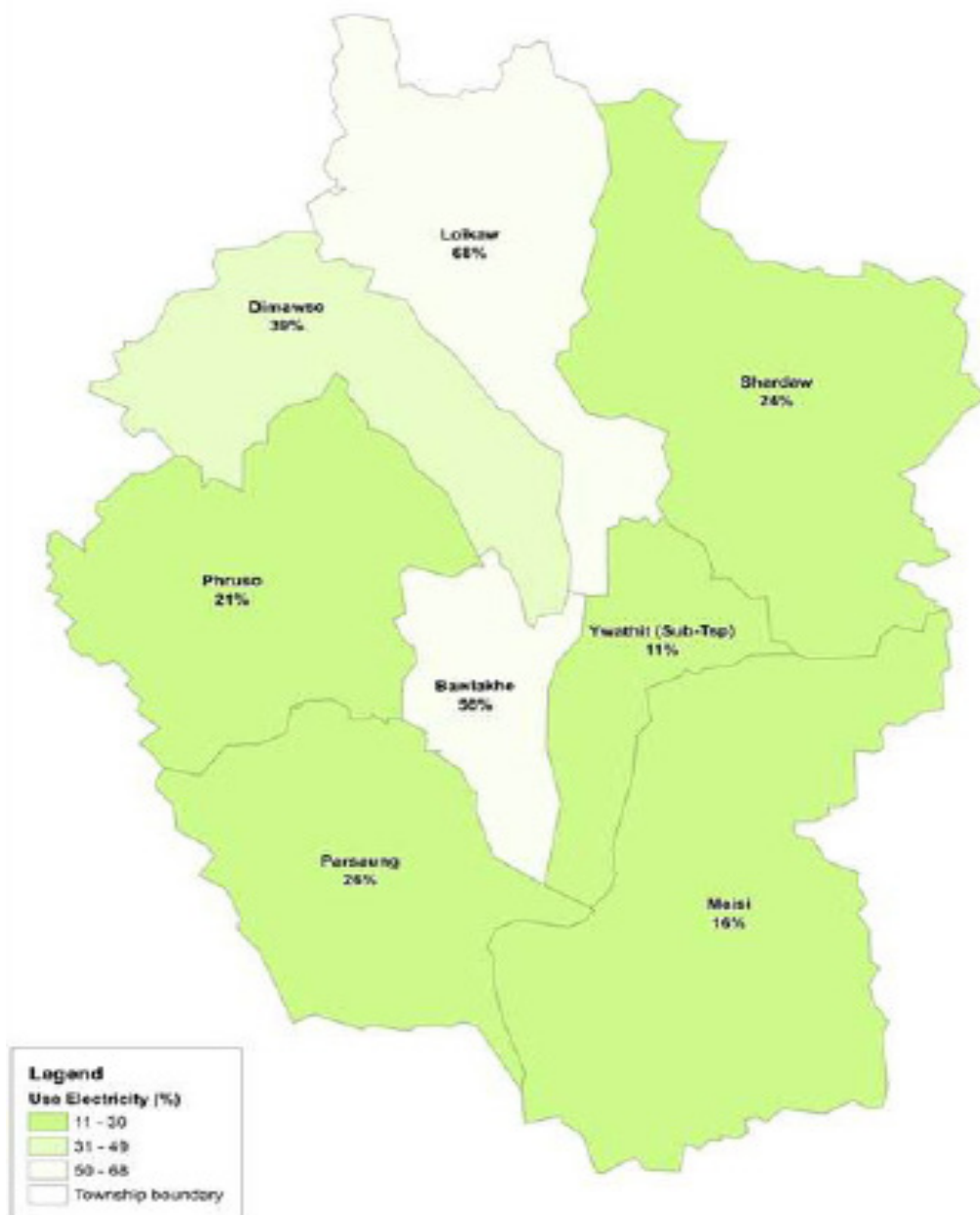
Table 14: Conventional households by source of drinking water by urban/rural

Source of drinking water		Total	Urban	Rural
Tap water/ Piped		16.1	15.8	16.3
Tube well, borehole		0.6	1.0	0.1
Protected well/ Spring		1.6	0.2	3.2
Bottled water/ Water purifier		3.5	6.2	0.5
<i>Total improved drinking water</i>		<i>21.8</i>	<i>23.2</i>	<i>20.1</i>
Unprotected well/Spring		3.8	0.7	7.3
Pool/Pond/ Lake		5.7	0.1	12.0
River/stream/ canal		56.0	75.9	33.8
Waterfall/ Rain water		12.7	0.1	26.8
Other		-	-	-
<i>Total unimproved drinking water</i>		<i>78.2</i>	<i>76.8</i>	<i>79.9</i>
Total	Per cent	100.0	100.0	100.0
	Number	1,589	839	750

- In Bawlakhe Township, 21.8 per cent of households use improved sources of drinking water (tap water/piped, tube well, borehole, protected well/spring and bottled water/water purifier).
- Compared to other townships in Kayah State, this proportion of households use improved sources of drinking water belongs to (22-42) per cent group.
- Fifty six per cent of the households use water from river/stream/canal and 16.1 per cent use water from tap water/piped.
- Some 78.2 per cent of the households use water from unimproved sources.
- In rural areas, 79.9 per cent of the households use water from unimproved sources for drinking water.

Source of lighting

Figure 16: Proportion of households using electricity for lighting



Union	: 32.4%
Kayah State	: 48.6%
Bawlakhe District	: 29.1%
Bawlakhe Township	: 55.8%

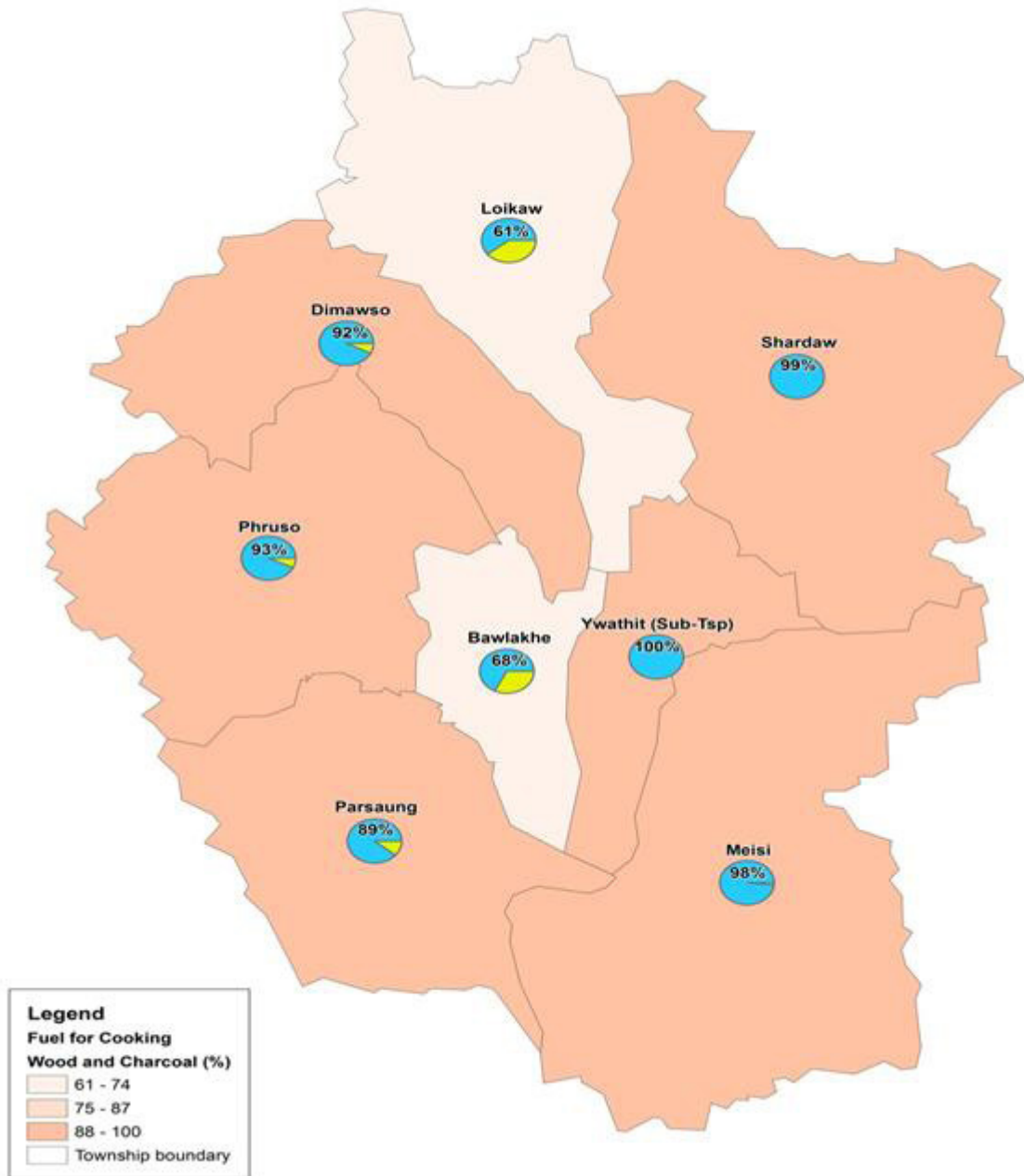
Table 15: Conventional households by source of lighting by urban/rural

Source of lighting		Total	Urban	Rural
Electricity		55.8	89.9	17.7
Kerosene		4.4	-	9.3
Candle		30.1	8.6	54.3
Battery		1.1	0.7	1.6
Generator (private)		0.9	-	2.0
Water mill (private)		0.1	-	0.1
Solar system/energy		6.8	0.5	13.9
Other		0.7	0.4	1.1
Total	Per cent	100.0	100.0	100.0
	Number	1,589	839	750

- In Bawlakhe Township, 55.8 per cent of the households use electricity for lighting and is the highest in the township. Compared to other townships in Kayah State, it belongs to (50-68) per cent group. The percentage of households that use electricity in Kayah State is 48.6 per cent.
- In rural areas, 54.3 per cent of the households mainly use candle for lighting.

Type of cooking fuel

Figure 17: Proportion of households using wood-related cooking fuel



Union	: 81.0%
Kayah State	: 77.1%
Bawlakhe District	: 86.9%
Bawlakhe Township	: 67.6%

Table 16: Conventional households by type of cooking fuel by urban/rural

Type of cooking fuel		Total	Urban	Rural
Electricity		31.4	58.0	1.6
LPG		-	-	-
Kerosene		0.8	-	1.7
BioGas		-	-	-
Firewood		66.0	38.9	96.3
Charcoal		1.6	2.9	0.3
Coal		0.1	0.1	-
Other		0.1	0.1	0.1
Total	Per cent	100.0	100.0	100.0
	Number	1,589	839	750

- In Bawlakhe Township, households mainly use wood-related fuels for cooking with 66.0 per cent using firewood and 1.6 per cent using charcoal.
- Some 31.4 per cent of households use electricity for cooking.
- In rural areas, households mainly use wood-related fuels for cooking with firewood 96.3 per cent and charcoal 0.3 per cent.

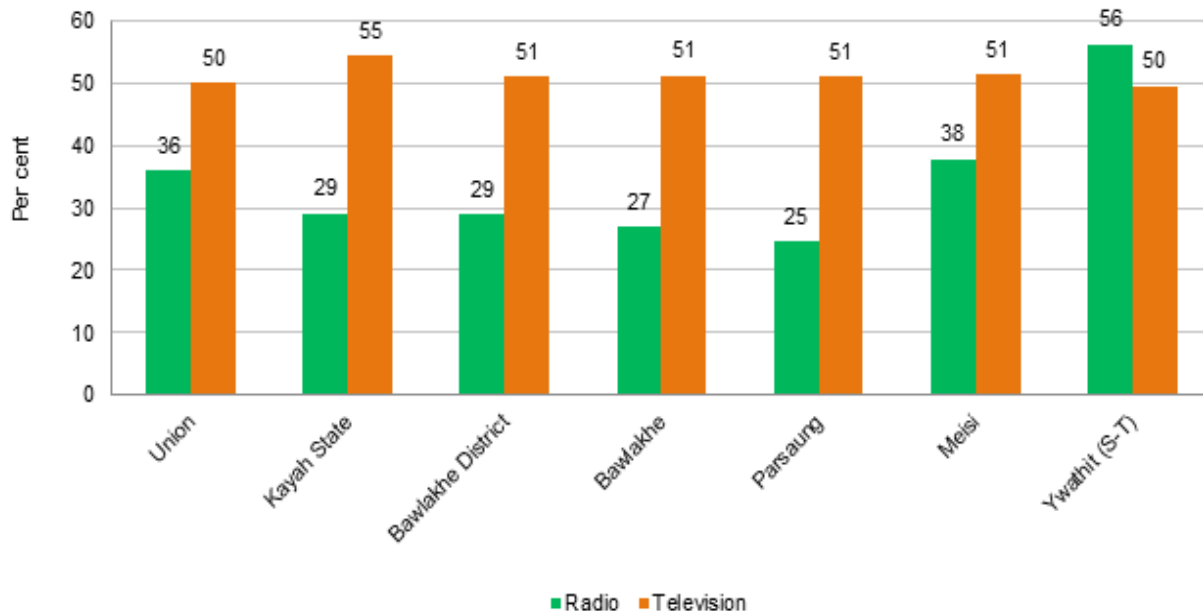
Communication and related amenities

Table 17: Conventional households by availability of communication and related amenities by urban/rural

Residence	Conventional households	Radio	Television	Land line phone	Mobile phone	Computer	Internet at home	% with none of the items	% with all of the items
Total	1,589	27.1	51.3	3.3	1.7	2.5	0.1	37.2	-
Urban	839	26.5	77.4	6.1	1.4	4.6	0.2	18.5	-
Rural	750	27.7	22.1	0.3	2.0	-	-	58.1	-

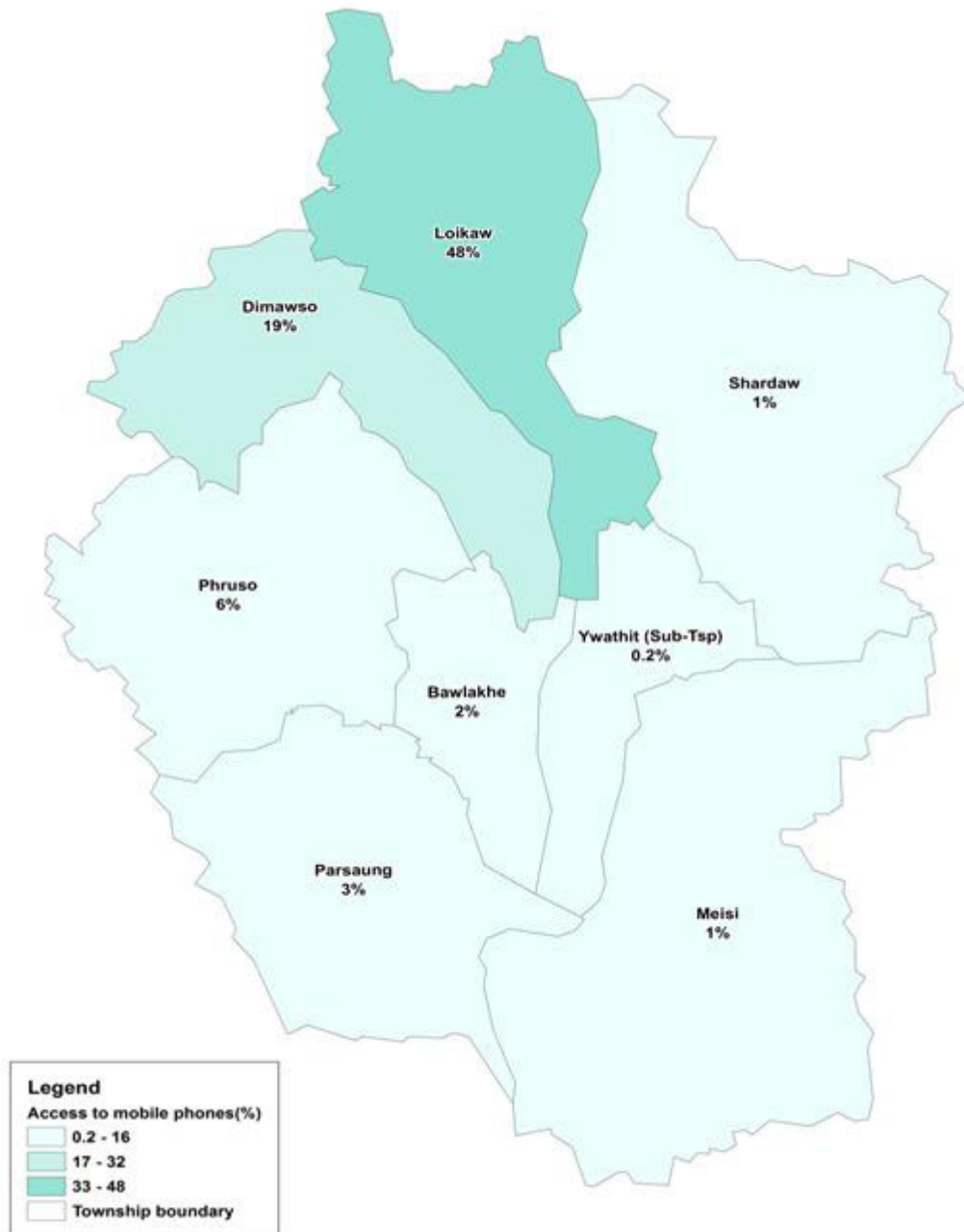
- Some 51.3 per cent of the households in Bawlakhe Township have access to television and is the highest among the access of communication and related amenities. Some 77.4 per cent of households in urban areas have access to television, while the proportion for rural areas was 27.7 per cent reported having a radio and are the highest in urban and rural respectively.

Figure 18: Percentage of households with access to radio and television



- In Bawlakhe Township, 51.3 per cent of the households have access to television and about one in four households (27.1%) reported having a radio.

Figure 19: Proportion of households with access to mobile phone



Union	: 32.9%
Kayah State	: 28.0%
Bawlakhe District	: 2.0%
Bawlakhe Township	: 1.7%

- Only 1.7 per cent of the households in Bawlakhe Township reported having mobile phones. Twenty eight per cent of households in Kayah State have mobile phones.

Transportation items

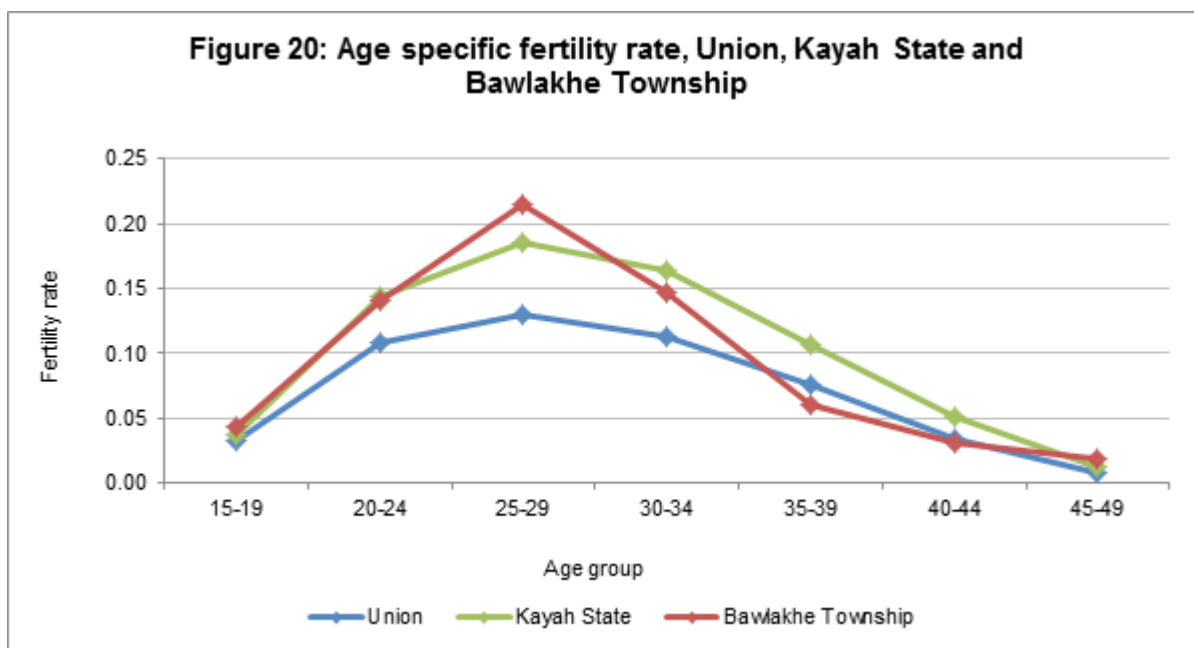
Table 18: Conventional households by availability of transportation items by urban/rural

State/District/ Township	Conventional households	Car/Truck/ Van	Motorcycle/ Moped	Bicycle	4-Wheel tractor	Canoe/ Boat	Motor boat	Cart (bullock)
Kayah State	57,274	1,908	34,423	18,007	5,229	309	144	8,824
Urban	14,688	1,077	10,888	7,554	758	55	40	545
Rural	42,606	829	23,557	10,453	4,471	254	104	8,279
Bawlakhe District	8,116	183	3,845	683	205	77	82	700
Urban	1,920	71	1,169	495	70	9	28	217
Rural	6,196	112	2,676	188	135	68	56	483
Bawlakhe Township	1,589	34	880	287	55	4	1	382
Urban	839	27	507	283	25	2	-	111
Rural	750	7	373	24	30	2	1	251

- In Bawlakhe Township, 55.4 per cent of the households have motorcycle/moped as a means of transport and it is the highest proportion, followed by 22.8 per cent of households having cart (bullock).
- Analysis by urban/rural residence, the majority of the households mainly use motorcycle/moped as a means of transport.

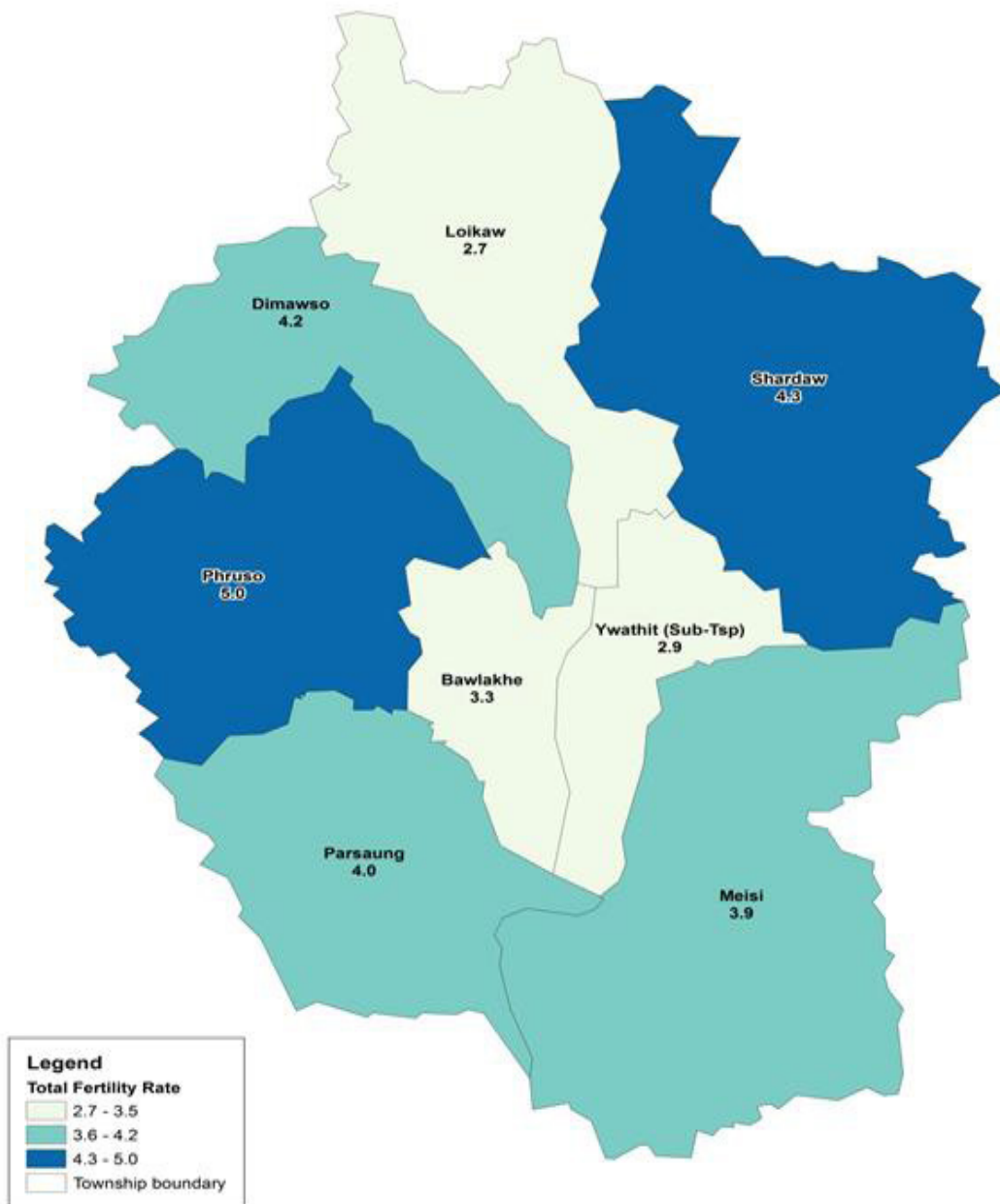
(H) Fertility and Mortality

Fertility



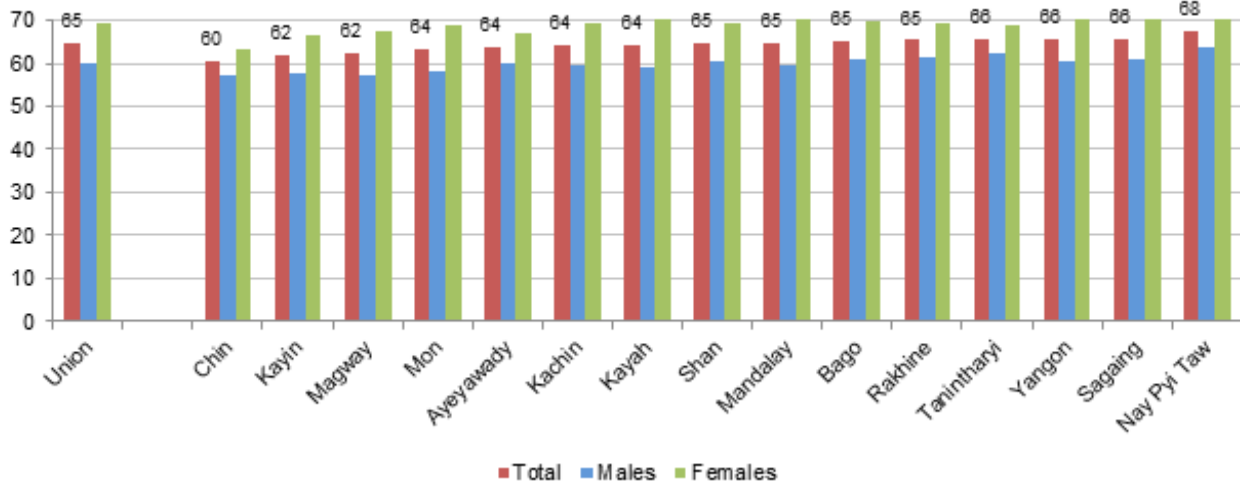
- Age specific fertility rate is the highest at age group 25-29.
- For women aged 15-49, the total fertility rate is 3.3 children per woman and is higher than the total fertility rate of 2.5 at the National level.

Figure 21: Total fertility rate



Union	: 2.5
Kayah State	: 3.5
Bawlakhe District	: 3.8
Bawlakhe Township	: 3.3

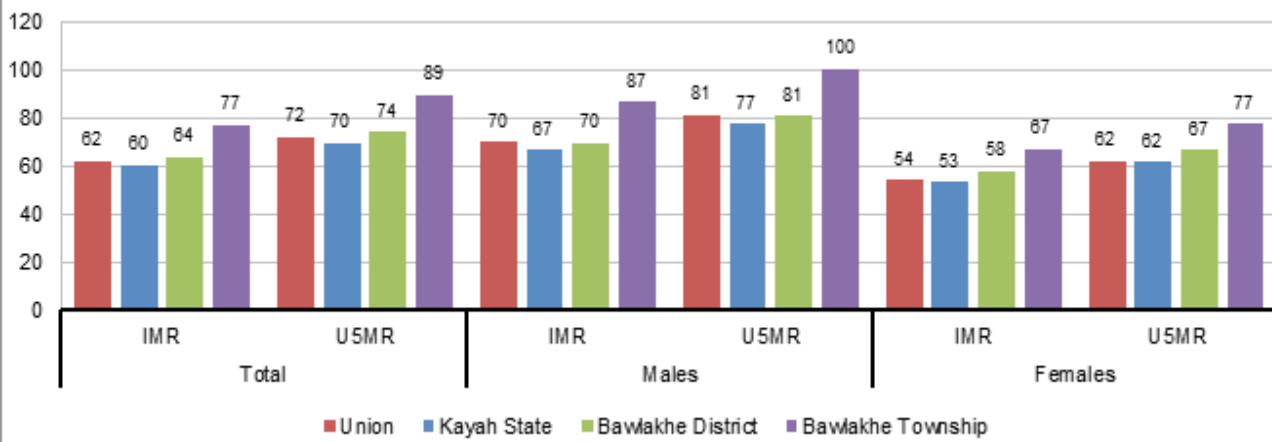
Figure 22: Life expectancy (Union and State/Region)



- The expectation of life at birth in Kayah State is 64.3 years and is slightly lower than that of National level at 64.7 years.
- The female life expectancy at 70.2 years is higher than that of the males at 59.1 years.

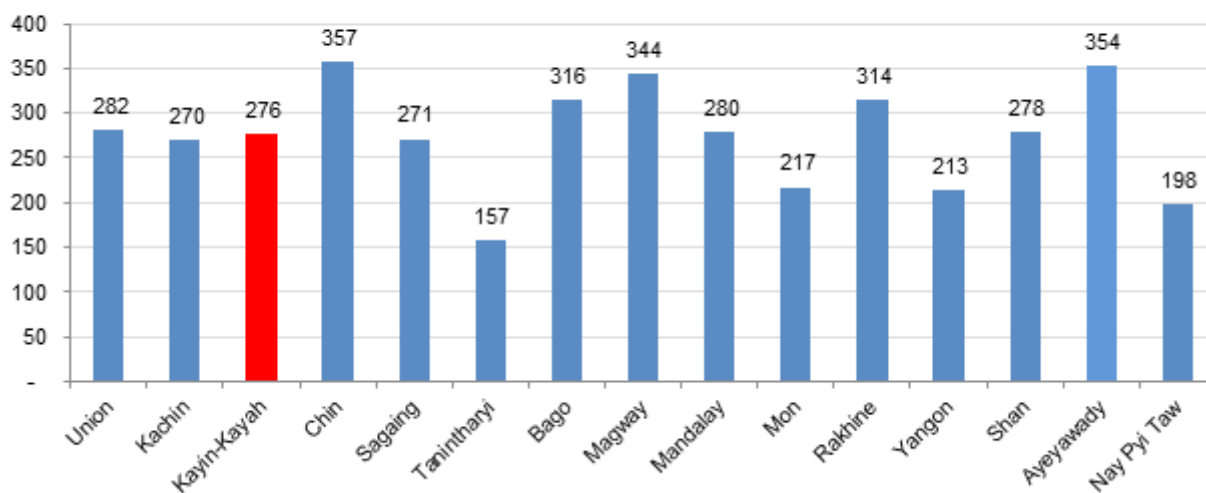
Childhood Mortality and Maternal Mortality

Figure 23: Infant and Under 5 mortality rates



- The Infant and Under 5 mortality rates in Bawlake District are higher than the Union average. The Infant mortality in Bawlake District is 64 deaths under age one per 1,000 live births while Under 5 mortality is 74 deaths under age 5 per 1,000 live births.
- The Infant and Under 5 mortality rates in Bawlake Township are higher than those in Kayah State and Bawlake District. The Infant mortality in Bawlake is 77 per 1,000 live births and Under 5 mortality is 89 per 1,000 live births.

Figure 24: Maternal mortality ratios (Union and State/Region)



- In Kayah State, there are 276 women dying while during pregnancy/delivery or within 42 days of termination of pregnancy for every 100,000 live births.
- The maternal mortality ratio in Kayah State is lower than that of the Union level.
- Compared to the average maternal mortality ratio of 140 for Southeast Asian countries, the maternal mortality ratio of 282 for Myanmar is high.

Definitions and Concepts

Population: The population in this report corresponds to the de-facto population of Myanmar on Census Night (see below).

Census Night: The night between the 29th and the 30th March 2014. Every person in Myanmar was enumerated where they spent the Census Night.

Rural area: Areas classified by the Department of General Administration (GAD) as village tracts. Generally these are areas with low population density and a land use which is predominantly agricultural.

Urban area: Areas classified by the GAD as wards. Generally these areas have an increased density of building structures, population and better infrastructural development.

Population Density: The population density relates to the number of persons in a given administrative area to the surface of the area, expressed in square kilometres (Km²). Areas covered by water are excluded from the calculation.

Mean Household Size: The average number of persons per household (people living in households divided by number of conventional households).

Sex ratio: The number of males for every 100 females in a population.

Dependency ratio: The total dependency ratio is the ratio of dependents (people younger than 15 years and older than 64) to the population of working-age (age 15-64). Data are shown as the proportion of dependents per 100 working-age population. Three different measures can be calculated: total dependency ratio, child dependency ratio and old age dependency ratio.

Child Dependency Ratio: is the proportion of people younger than 15 years to the working age population (15-64).

Old Dependency Ratio: is the proportion of people older than 64 years to the working age population (15-64).

Ageing Index: The number of persons aged 65 years and over per 100 people under the age of 15 years.

Median Age: The age that divides a population into two numerically equal groups; that is, half the people are younger than this age and half are older.

Education: Education is the process by which people learn through instruction and teaching. The 2014 MPHC placed an emphasis on literacy skills, school attendance and educational attainment. The other categorisations used under education were:

- (a) **Literacy:** The ability to read and write in any language with reasonable understanding.
- (b) **School attendance:** The attendance at any regular educational institution or systematic instruction at any level of education during the last 12 months. This included schooling at pre-primary, primary, middle, high school and tertiary institutions of higher learning. The options were: (a) Currently attending; (b) Attended previously; (c) Never attended.

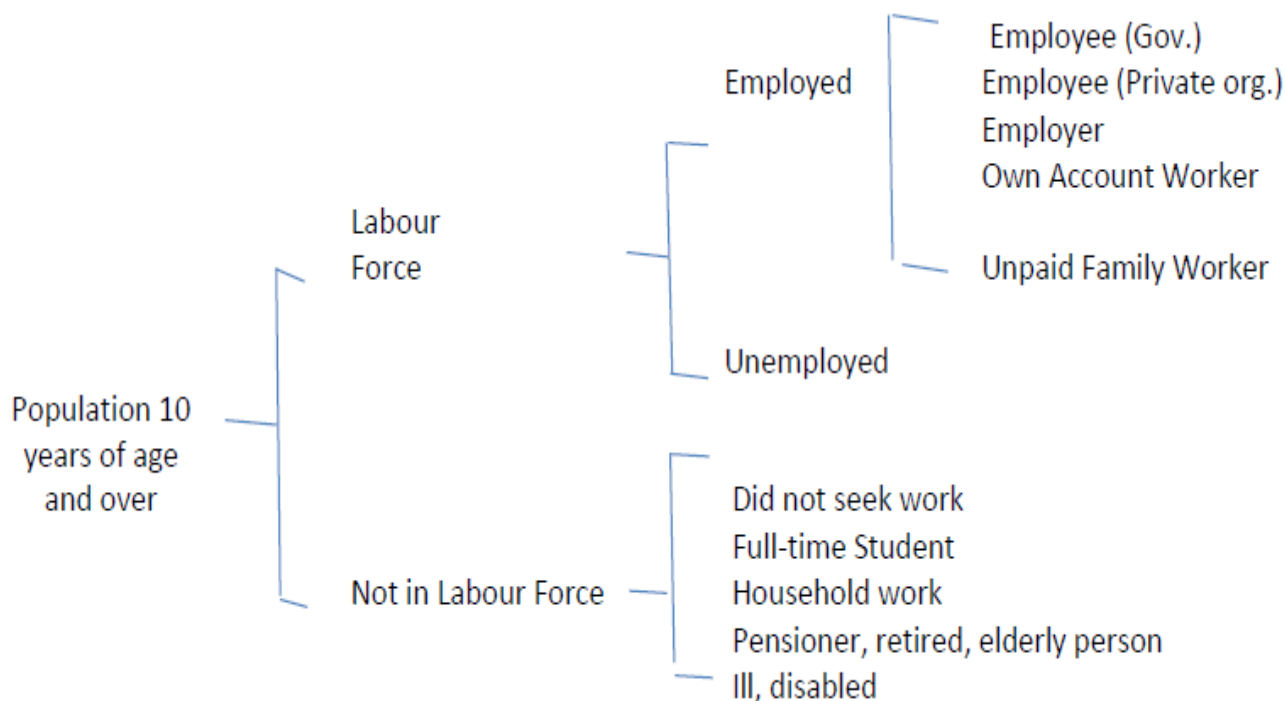
(c) **Educational Attainment:** The highest grade/standard/diploma/degree completed within the most advanced level attended in the education system of the country where the education was received. It covered both public and private institutions accredited by government.

Disability: Disability is a situation where a person is at a greater risk than the general population of experiencing restrictions in performing routine activities (including activities of daily living) or participating in roles (such as work) if no supportive measures are offered. The difficulties covered in the 2014 census included:

- (a) **Walking difficulty** (wheel chairs, crutches, limping, problems climbing steps);
- (b) **Seeing difficulty** (low vision, blind);
- (c) **Hearing difficulty** (partially or completely deaf);
- (d) **Mental/Intellectual difficulty** (slow learning development making it hard to compete with their counterparts at school, other mental conditions).

Identity card: An identity card is a document used to verify aspects of a person's personal identity. There are several types of identity cards issued by the Government of Myanmar, and national passports in the case of foreigners.

Labour Force Status: According to the type of usual economic activities during the 12 months before Census Night, all persons 10 years of age and over were classified as follows:



Labour Force: The Labour force is a general term covering “employed” and “unemployed” persons in the population.

Employed: “Employed” persons refer to those who did any work during the time of the week before the census date or worked for more than 6 months in the 12 months before the census date for pay or profit,

such as a wage, salary, allowance, business profit, etc. Also included in this category were persons working in family businesses, on a farm, in a store, in a private hospital etc., even though they were not paid any wages.

Unemployed: “Unemployed” persons refer to those who had no work but were able to work and actually seeking a job during the reference period, or at the time of the census enumeration.

Not in labour force: This category comprised persons who had no work and did not make any positive efforts to find a job during the 6 months before the census date or were unable to work. This included full time students, household work, elderly people, etc.

Employment Status: All employed persons were classified according to the economic activity status in the place where they worked during the last 12 months or if they worked in more than one place, where they worked most of the time. There were five employment categories:

- (a) **Employee (Government):** those employed and working for government including in state organisation institutions.
- (b) **Employee (Private organisation):** those employed and working for private employers or private organisations. All people in private companies, NGOs, international organisations, retail and wholesale enterprises fell under this category.
- (c) **Employer:** persons who during the reference period worked in their own business, which also employed one or more other persons.
- (d) **Own account worker:** self-employed persons who worked in their own business or worked in their own/family business for family gain **and did not have any employees.**
- (e) **Unpaid family worker:** persons who worked in a business, farm, trade or professional enterprise operated by a member of the household/family and received no pay.

Labour force participation rate: The labour force participation rate is the ratio between the labour force and the overall size of the total population of the same age range. This is an important indicator as it portrays the proportion of the population that is economically active.

$$\text{Labour force participation rate} = \frac{\text{Labour force (Employed + Unemployed)}}{\text{Total Population}} \times 100$$

Unemployment rate: The percentage of the total labour force that is unemployed but actively seeking employment and willing to work. These are people who are without work, looking for jobs and available for work.

$$\text{Unemployment rate} = \frac{\text{Unemployed}}{\text{Labour force (Employed + Unemployed)}} \times 100$$

Employment to population ratio: A statistical ratio that measures the proportion of the country's working-age population (ages 15 to 64) that is employed. The International Labour Organization (ILO) states that a person is considered employed if they have worked at least 1 hour in "gainful" employment in the most recent week.

$$\text{Employment to population ratio} = \frac{\text{Employed}}{\text{Total Population}} \times 100$$

Occupation: Occupation refers to the kind of work an employed person did in the establishment during the 12 months (reference period) before the census date. Put differently, occupation is the kind of work done during the last 12 months by the person employed, regardless of the industry of the establishment. In the 2014 Myanmar Census, field data collectors were instructed to collect a detailed description of the work being done such as accounts clerk, data entry operator (clerk), legal secretary, domestic worker, fisherman, human resource manager, etc. If an employed person was engaged in two or more jobs, the kind of work was decided by the work in which he/she was mainly engaged in, that is in terms of time. The occupational classification is based on the ISCO 2008.

Industry: Industry refers to the main activity of the establishment where an employed person usually worked during the 12 months (reference period) before the census date. In the 2014 Myanmar Census, industry was explained to the enumerators as the type of economic activity carried out at the person's place of work. It is defined in terms of the kind of goods produced or services supplied by the enterprise in which the person works and not necessarily the specific duties or functions of the person's job. For example, a clerical officer working in stores within a factory that makes television sets. The industry should be recorded as manufacture of electrical goods. If an employed person worked in two or more establishments, "industry" was decided by the establishment where he/she worked most. The industrial classification is based on the ISIC Revision 4.

Live Birth: A live birth is one where the infant shows one or more of the following signs of life immediately after birth: crying or similar sounds, movement of the limbs or any other parts of the body and/or any other tangible signs of life. The census was concerned only with children born alive. Also collected was information on the last live birth of ever married female respondents.

Total fertility rate (TFR): The average number of children that a woman would give birth to if all women lived to the end of their childbearing years and bore children according to the current schedule of age-specific fertility rates.

$$\text{Total fertility rate (TFR)} = 5 \text{ Age specific fertility rate (ASFR)}$$

Age specific fertility rate (ASFR): The age-specific fertility rate measures the annual number of births to women of a specified age or age group per 1,000 women in that age group. Unless otherwise specified, the reference period for the age-specific fertility rates is the calendar year.

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The Townships Reports

can be downloaded at :

www.dop.gov.mm

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