



Malawi Government

2018 Malawi Population and Housing

Census

Machinga District Report

National Statistical Office

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FOREWORD



The Malawi Government through the National Statistical Office (NSO) conducted its sixth Population and Housing Census (PHC) in September 2018. The 2018 PHC was the first one to be conducted using Computer Assisted Personal Interviewing (CAPI) technology. Data was collected and captured on tablets and transmitted to NSO server electronically via internet. The process proved to be efficient as it reduced time for data processing and cleaning since these processes were mostly done at data capturing stage. The preliminary and main reports were produced in a record time of 3 and 7 months, respectively.

In order to increase the utilization and to enhance understanding of the census data, NSO has prepared Machinga district report aimed at providing summary findings of the 2018 Population and Housing Census. The district report has been written by officers from NSO. This report is among the dissemination products published by the NSO. Others include preliminary and main census reports and thematic reports.

I would like to acknowledge the support NSO has received from the Government, Development Partners, the Private Sector and individuals for the census. Specifically, I wish to thank UNFPA for providing funding and coordinating support from all Development Partners. I also wish to thank DFID, USAID, the Norwegian Government, GIZ, the Irish Aid, Iceland Government, the Peoples' Republic of China, the UN Family and the Standard Bank for providing financial resources for the 2018 PHC.

I am heavily indebted to all NSO staff, Census Zone Managers, Census District Supervisors, Control Centre Supervisors, Field Supervisors and Enumerators for their dedication and hard work during the 2018 PHC. Thanks, are extended to US Census Bureau and Regional Centre for Mapping of Resources for Development (RCMRD) for the technical assistance they rendered. I would also like to thank community leaders for mobilizing their members to be counted, and members of the general public for their willingness to participate in the 2018 PHC.

Mercy Kanyuka (Mrs.)

Commissioner of Statistics

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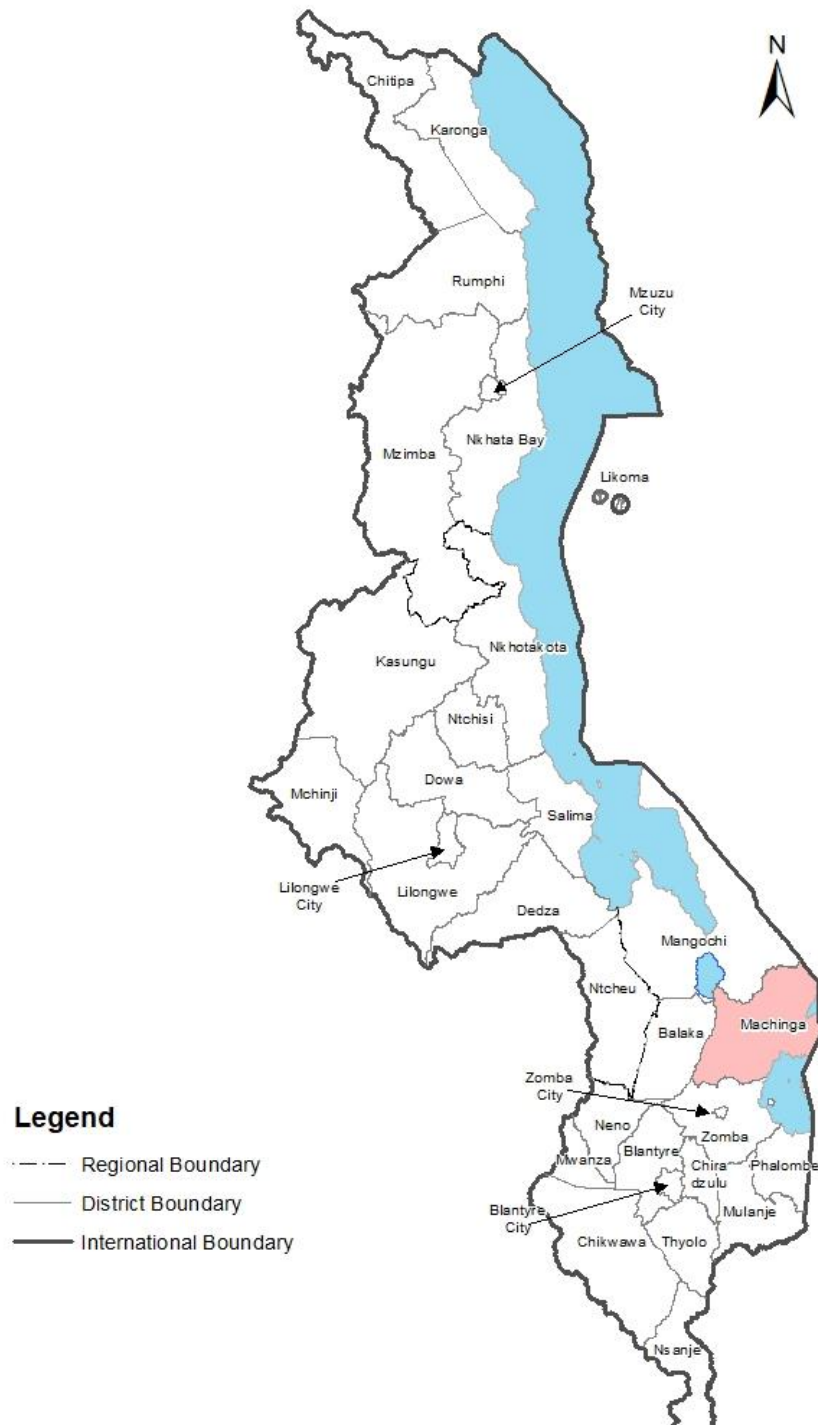
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Map of Malawi Showing Machinga District boundaries



Map of Machinga District Showing TA Boundaries



Legend

- TA Boundary
- District Boundary



1 Population Size and Growth

1.1 Population size

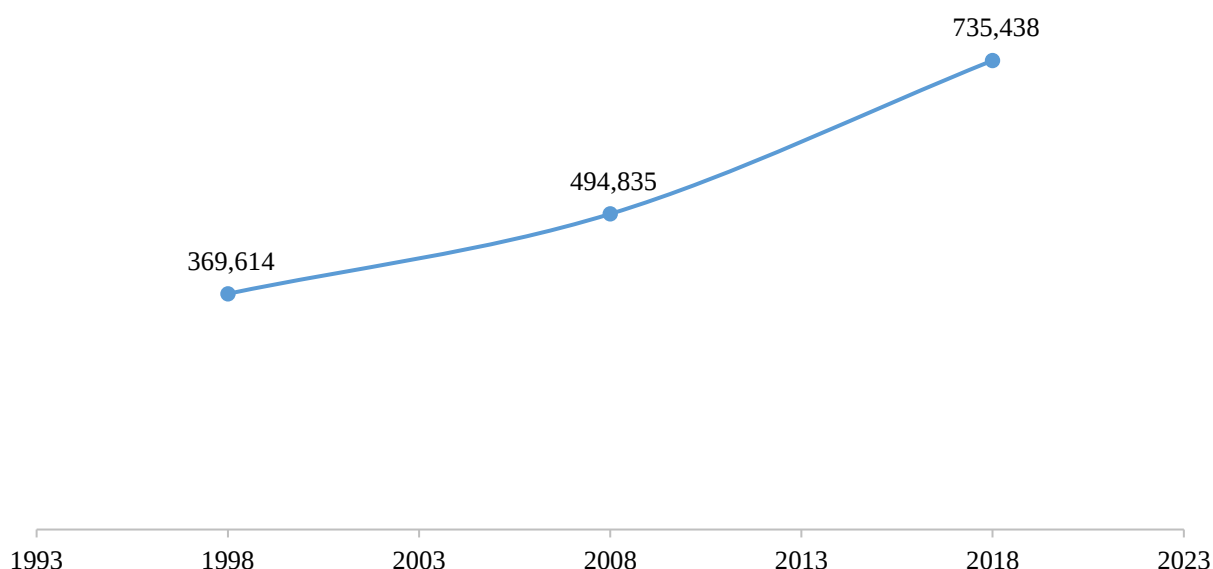
The 2018 Population and Housing Census enumerated a total of 17,563,749 persons in Malawi. Southern Region contributed 44.1 percent of the population (7,750,629 persons) while Machinga district contributed 4.2 percent of the population of Malawi (735,438 persons).

Machinga district had 350,742 males and 384,696 females, representing 47.7 percent and 52.3 percent of the total population, respectively. By computation the sex ratio for Machinga is 91; meaning that for every 100 females there were 91 males. Table 1.1 further shows that Liwonde National Park had the highest sex ratio at 117 followed by Liwonde town at 97 then TA Ngokwe at 95 while TA Nyambi had the lowest at 88.

1.2 Intercensal Annual Growth Rates

The annual intercensal growth rate for Malawi has increased from 2.8 to 2.9 percent from 2008 to 2018. For Machinga district, the annual intercensal growth rate has increased from 2.7 in 2008 to 4.9 in 2018. The population of Machinga has grown from 494,835 in 2008 to 735,438 in 2018 reflecting a population change of 240,603 persons. (Figure 1.1)

Figure 1.1: Machinga Population growth from 1998 to 2018



Source: National Statistical Office, 1998, 2008, 2018 Malawi Population and Housing Census

1.3 Population Distribution by TA

At traditional authority (TA), TA Kawinga had the largest population size of 92,144 persons representing 12.5 percent of Machinga population, whereas TA Chiwalo had the smallest population size of 13,149 persons representing 1.8 percent of Machinga population (Table 1.1).

Table 1.1: Population Distribution for Machinga District, Malawi 2018

Area Name	Total	Percent	Male	Percent	Female	Percent	Sex Ratio
Machinga	735,438	100	350,742	100	384,696	100	91
TA Kawinga	92,144	12.5	43,833	12.5	48,311	12.6	91
TA Liwonde	89,259	12.1	42,032	12.0	47,227	12.3	89
TA Chikweo	83,273	11.3	40,141	11.4	43,132	11.2	93
TA Mlomba	62,263	8.5	29,613	8.4	32,650	8.5	91
TA Nyambi	55,989	7.6	26,177	7.5	29,812	7.7	88
TA Nkoola	54,169	7.4	25,931	7.4	28,238	7.3	92
STA Nsanama	38,518	5.2	18,423	5.3	20,095	5.2	92
TA Ngokwe	37,602	5.1	18,274	5.2	19,328	5.0	95
TA Mposa	36,000	4.9	17,385	5.0	18,615	4.8	93
TA Chamba	33,009	4.5	15,652	4.5	17,357	4.5	90
STA Nchinguza	31,816	4.3	15,278	4.4	16,538	4.3	92
TA Nkula	27,349	3.7	12,864	3.7	14,485	3.8	89
TA Sitola	25,138	3.4	11,824	3.4	13,314	3.5	89
Liwonde Town	23,374	3.2	11,526	3.3	11,848	3.1	97
TA Kapoloma	15,789	2.1	7,539	2.1	8,250	2.1	91
STA Chesale	14,599	2.0	7,074	2.0	7,525	2.0	94
TA Chiwalo	13,149	1.8	6,211	1.8	6,938	1.8	90
Machinga Boma	1,833	0.2	876	0.2	957	0.2	92
Liwonde National Park	165	0.0	89	0.0	76	0.0	117

Source: National Statistical Office, 2018 Malawi Population and Housing Census

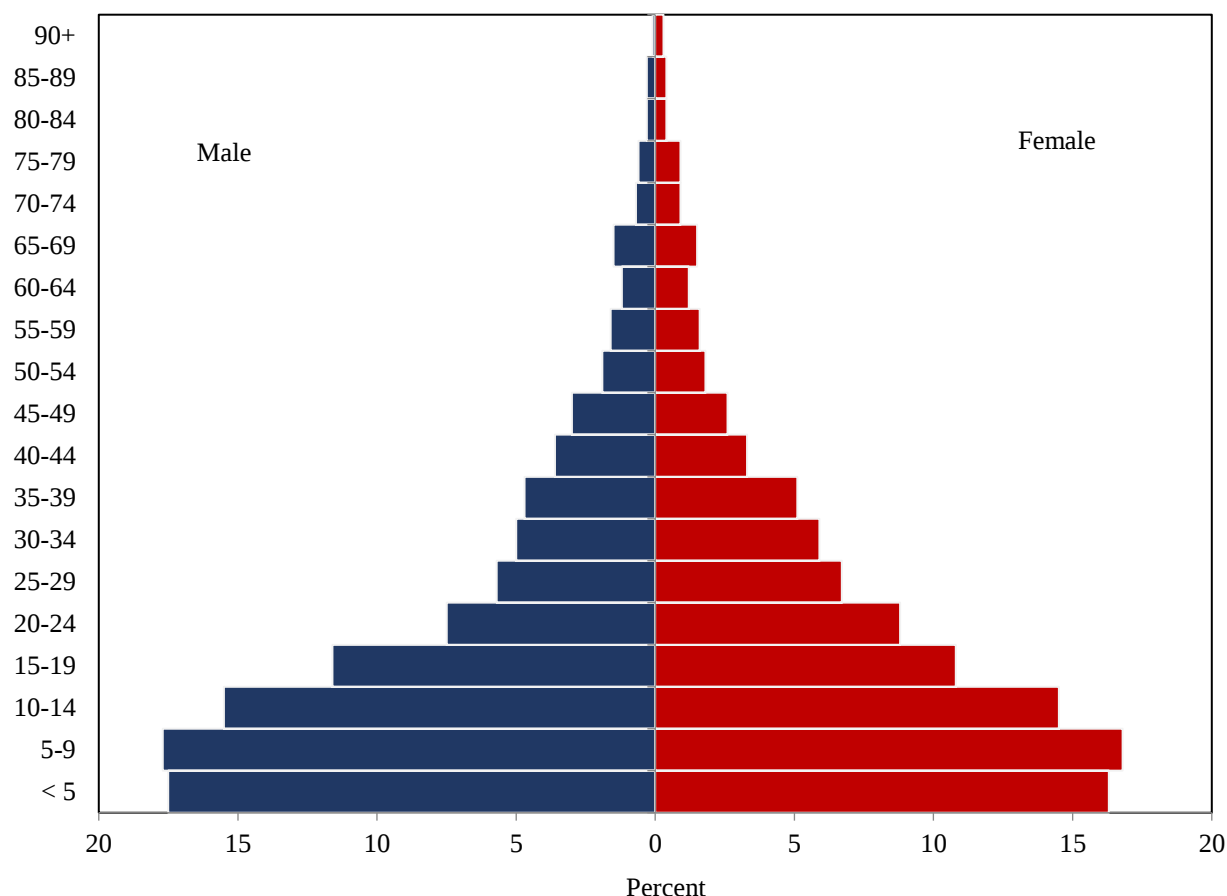
1.4 Age and Sex Distribution

Age and sex are the most basic characteristics of a population. Every population has a different age and sex distribution. The number and proportion of males and females in each age group can have considerable impact on the population's social and economic situation, both present and future.

A population pyramid graphically displays a population's age and sex composition. Each year a new cohort is born and appears at the bottom of the pyramid, while the cohorts above move up. As the cohorts age, they lose members because of death and may gain or lose members because of migration.

The age and sex pyramid shows that Machinga district has a younger population, characteristic of prevalence of high fertility (Figure 1.2).

Figure 1.2: Population Pyramid of Machinga District, Malawi 2018



Source: National Statistical Office, 2018 Malawi Population and Housing Census

1.5 Population Distribution by Special Age Groups

Among special age groups there were 190,182 primary school going persons (age 6-13 years); 67,343 secondary school going (age 14-17 years); 347,216 youth age 10-35 years; 166,656 women of childbearing age (15-49 years); 328,195 persons aged 18 years and older and 29,615 elderly population age 60 years and older

TA Chikweo had the highest number of children under 5 years while TA Chiwalo had the least number of children under 5 years. There were 23,840 primary school going children and 14,998 secondary school going children in TA Kawinga. TA Chiwalo had the least number of primary and secondary school going age children.

In terms of women of child bearing age (15-49 years), persons aged 18 years and older and the elderly population (60 years +), TA Kawinga had more numbers than the rest of the TAs in Machinga district (Table 1.2).

Table 1.2: Population Composition by Special Age Groups, Malawi 2018

Area name	Under 5	Primary School Going (6-13)	Secondary School Going (14-17)	Childbearing (Women 15-49)	Youth (10-35)	18+	Elderly 60+
Malawi	2,552,406	4,142,872	1,670,145	4,267,788	8,778,539	8,669,215	656,887
Southern Region	1,144,132	1,853,206	737,219	1,883,831	3,833,347	3,778,805	309,823
Machinga	123,878	190,182	67,343	166,656	347,216	328,195	29,615
TA Chikweo	15,412	21,672	7,192	17,902	38,532	35,847	3,077
TA Kawinga	14,998	23,840	8,594	21,027	43,512	41,459	3,970
TA Liwonde	14,898	23,064	8,586	20,369	41,906	39,577	3,841
TA Mlomba	10,443	16,854	5,545	13,981	29,232	27,147	2,297
TA Nyambi	10,298	14,210	4,883	12,664	25,292	24,548	2,465
TA Nkoola	9,449	14,166	4,775	11,936	25,024	23,842	2,364
TA Ngokwe	7,041	9,501	3,135	8,188	17,615	16,557	1,281
STA Nsanama	6,145	10,283	3,709	8,565	18,412	17,068	1,594
TA Mposa	5,463	9,319	3,424	8,333	17,575	16,615	1,456
TA Chamba	5,281	8,397	3,151	7,705	15,809	15,077	1,425
STA Nchinguza	5,135	8,508	2,982	7,232	15,492	14,040	1,129
TA Nkula	4,276	7,056	2,590	6,350	12,991	12,593	1,303
TA Sitola	3,844	6,499	2,409	5,778	11,706	11,553	1,260
Liwonde Town /Liwonde							
National Park	3,321	5,121	2,259	6,279	12,750	12,203	464
STA Chesale	2,790	3,750	1,280	3,136	6,771	6,239	464
TA Kapoloma	2,598	4,012	1,421	3,736	7,640	7,190	583
TA Chiwalo	2,267	3,507	1,210	2,964	5,985	5,690	603
Machinga Boma	219	423	198	511	972	950	39

Source: National Statistical Office, 2018 Malawi Population and Housing Census

1.6 Population Density

Population density refers to the average number of persons per square kilometre. The population density for Machinga district has increased from 137 persons per square kilometre in 2008, to 205 in 2018.

Machinga Boma has the density of 763 persons per square kilometre while Liwonde township population density was at 762. Among the TAs, TA Kapoloma has the highest density of 529 persons per square kilometre (Table 1.3) while STA Nchinguza is the least densely populated area with 75 persons per square kilometre.

Table 1.3: Population Density by TA, Malawi 2018.

Area Name	Total Population	Area Sq. Km	Density
Malawi	17,563,749	94,552.0	186
Southern Region	7,750,629	31,780.0	244
Machinga	735,438	3,582.2	205
TA Kawinga	92,144	267.7	344
TA Liwonde	89,259	300.5	297
TA Chikweo	83,273	332.3	251
TA Mlomba	62,263	291.7	213
TA Nyambi	55,989	240.2	233
TA Nkoola	54,169	159.7	339
STA Nsanama	38,518	150.9	255
TA Ngokwe	37,602	155.8	241
TA Mposa	36,000	181.2	199
TA Chamba	33,009	112.7	293
STA Nchinguza	31,816	425.2	75
TA Nkula	27,349	117.6	233
TA Sitola	25,138	209.5	120
Liwonde Town	23,374	30.7	762
TA Kapoloma	15,789	29.9	529
STA Chesale	14,599	109.8	133
TA Chiwalo	13,149	40.1	328
Machinga Boma	1,833	2.4	763
Liwonde National Park	165	424.3	0

Source: National Statistical Office, 2018 Malawi Population and Housing Census

1.1. Household size

The average household size is calculated as the ratio of the total household population to the total number of households in an area. The average household size for Machinga district was 4.5 in 2018. This means that on average a household in Machinga has 4.5 members.

Average household size was 4.4 for Malawi and 4.3 for the Southern region.

Among the TAs of Machinga, STA Nchinguza TA Kawinga, TA Nsanama, TA Chikweo and STA Chesale has the highest average household size of 4.6 while TA Chamba, TA Mposa and TA Chiwalo has the lowest average household size of 4.3. Liwonde Town has a household size of 4.2 while Liwonde National Park was at 3.6 (Table 1.4).

Table 1.4: Population in Households and Household Size by TA, Malawi 2018.

Area Name	Population			Households			Household Size		
	Total	In Male Headed Households	In Female Headed Households	Total	Male Headed	Female Headed	Total	Male Headed	Female Headed
Malawi	17,517,349	11,854,709	5,662,640	3,984,981	2,583,771	1,401,210	4.4	4.6	4.0
Southern Region	7,732,650	5,006,657	2,725,993	1,799,596	1,107,883	691,713	4.3	4.5	3.9
Machinga	733,344	459,418	273,926	164,176	96,315	67,861	4.5	4.8	4.0
TA Kawinga	91,764	55,844	35,920	19,936	11,361	8,575	4.6	4.9	4.2
TA Liwonde	88,622	50,912	37,710	19,717	10,531	9,186	4.5	4.8	4.1
TA Chikweo	83,125	52,583	30,542	18,233	10,808	7,425	4.6	4.9	4.1
TA Mlomba	62,104	38,667	23,437	14,040	8,133	5,907	4.4	4.8	4.0
TA Nyambi	55,842	33,653	22,189	12,602	6,982	5,620	4.4	4.8	3.9
TA Nkoola	54,001	33,187	20,814	12,141	6,890	5,251	4.4	4.8	4.0
STA Nsanama	38,476	23,498	14,978	8,413	4,805	3,608	4.6	4.9	4.2
TA Ngokwe	37,493	23,662	13,831	8,342	5,007	3,335	4.5	4.7	4.1
TA Mposa	35,984	24,688	11,296	8,400	5,480	2,920	4.3	4.5	3.9
TA Chamba	32,976	21,088	11,888	7,707	4,567	3,140	4.3	4.6	3.8
STA Nchinguza	31,784	22,254	9,530	6,874	4,536	2,338	4.6	4.9	4.1
TA Nkula	27,344	17,089	10,255	6,280	3,697	2,583	4.4	4.6	4.0
TA Sitola	25,108	15,991	9,117	5,673	3,387	2,286	4.4	4.7	4.0
Liwonde Town	23,338	17,737	5,601	5,620	4,165	1,455	4.2	4.3	3.8
TA Kapoloma	15,758	10,313	5,445	3,492	2,152	1,340	4.5	4.8	4.1
STA Chesale	14,499	9,630	4,869	3,199	1,977	1,222	4.5	4.9	4.0
TA Chiwalo	13,128	7,427	5,701	3,040	1,567	1,473	4.3	4.7	3.9
Machinga Boma	1,833	1,040	793	421	228	193	4.4	4.6	4.1
Liwonde National Park	165	155	10	46	42	4	3.6	3.7	2.5

Source: National Statistical Office, 2018 Malawi Population and Housing Census

2. Fertility and Mortality Rates

The 2018 Population and Housing Census collected data on population dynamics such as fertility and mortality. This information is important for analysis and estimating fertility and mortality indicators, namely Crude Birth Rate (CBR), Total Fertility Rate (TFR), Crude Death Rate (CDR), Infant Mortality Rate (IMR), Under five Mortality Rate (U5MR) and life expectancy.

The Crude Birth Rate (CBR) is defined as number of births that occurred in a particular year per 1,000 persons. The Crude birth rate for Machinga district is 37 births per 1000 population which is higher than the rate for both Malawi (33) and the Southern region (34).

The Total Fertility Rate (TFR) is defined as the number of births a woman would have if she survived to the end of her childbearing age, which ranges from 15-49 years, and experienced the current observed age-specific fertility rates. The Total Fertility Rate for Machinga district is reported at 5.2 children per woman which is higher than the rate for Malawi (4.2) and the Southern region (4.6).

Crude Death Rate (CDR) is defined as the number of deaths that occurred in a given calendar year per 1,000 persons. For Machinga district, the Crude death rate for was at 6.4 deaths per 1000 population in 2018. The CDR for Machinga district is higher than for Malawi (6.3) but lower than for the Southern region (6.7).

The Infant Mortality Rate (IMR) measures the probability of dying before the first birthday. The IMR for Machinga district is 32 deaths per 1000 live births.

The under-five Mortality Rate measures the probability of dying between birth and exact age five. The Under-five Mortality Rate for Machinga district is 43 deaths per 1000 live births, which is lower than U5MR for Malawi (44 deaths per 1000 live births) but higher than the U5MR for Southern region (42 deaths per 1000 live births) (Table 2.1).

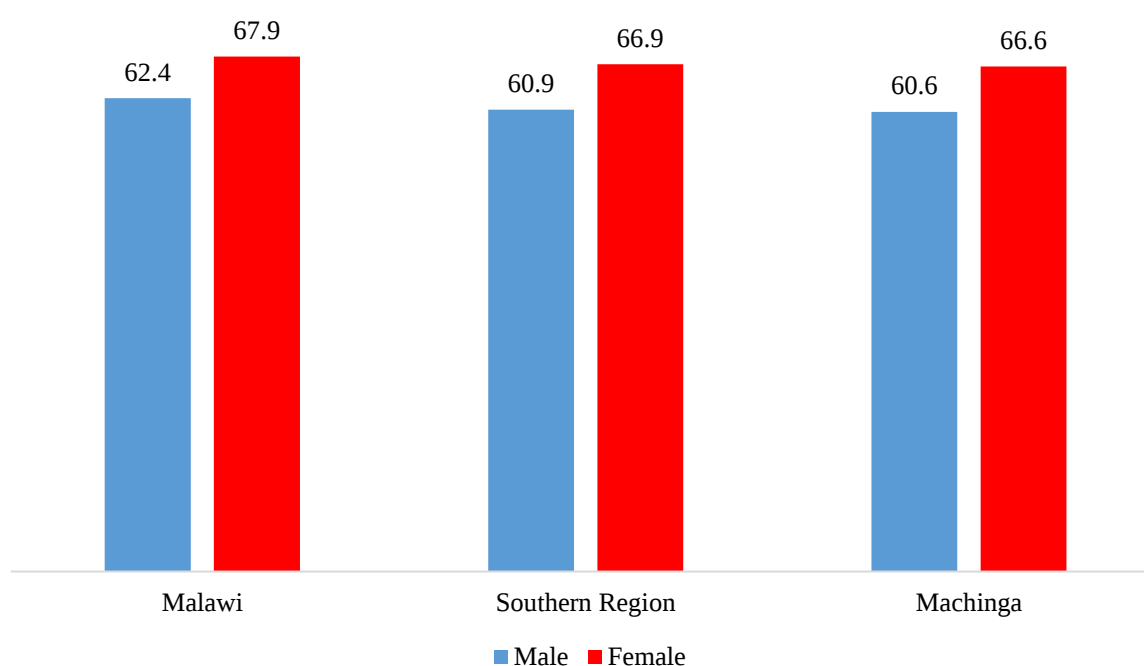
Life expectancy is a generic term for all population indicators that estimate the average time (in years) that a person could expect to live. At national level, life expectancy for males is 62.4 years and for females is 67.9 years; while for the Southern region life expectancy for males is 60.9 years and for females is 66.9 years and for Machinga district the life expectancy for males is 60.6 years and females is 66.6 years (Figure 2.1).

Table 2.1: Selected Fertility and Mortality Indicators

Area Name	Total Fertility Rate (Expected number of births a woman would have if she survived to the end of her childbearing age)	Crude Birth Rate (Births per 1000 persons)	Infant Mortality Rate (Deaths per 1000 live births before 1 st birthday)	Crude Death rate (Deaths per 1000 persons)	Under five Mortality (Deaths per 1000 live births before 5 th birthday)
Malawi	4.2	33	33	6.3	44
Southern Region	4.6	34	31	6.7	42
Machinga District	5.2	37	32	6.4	43

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Figure 2.1: Life expectancy by Sex



Source: National Statistical Office, 2018 Malawi Population and Housing Census

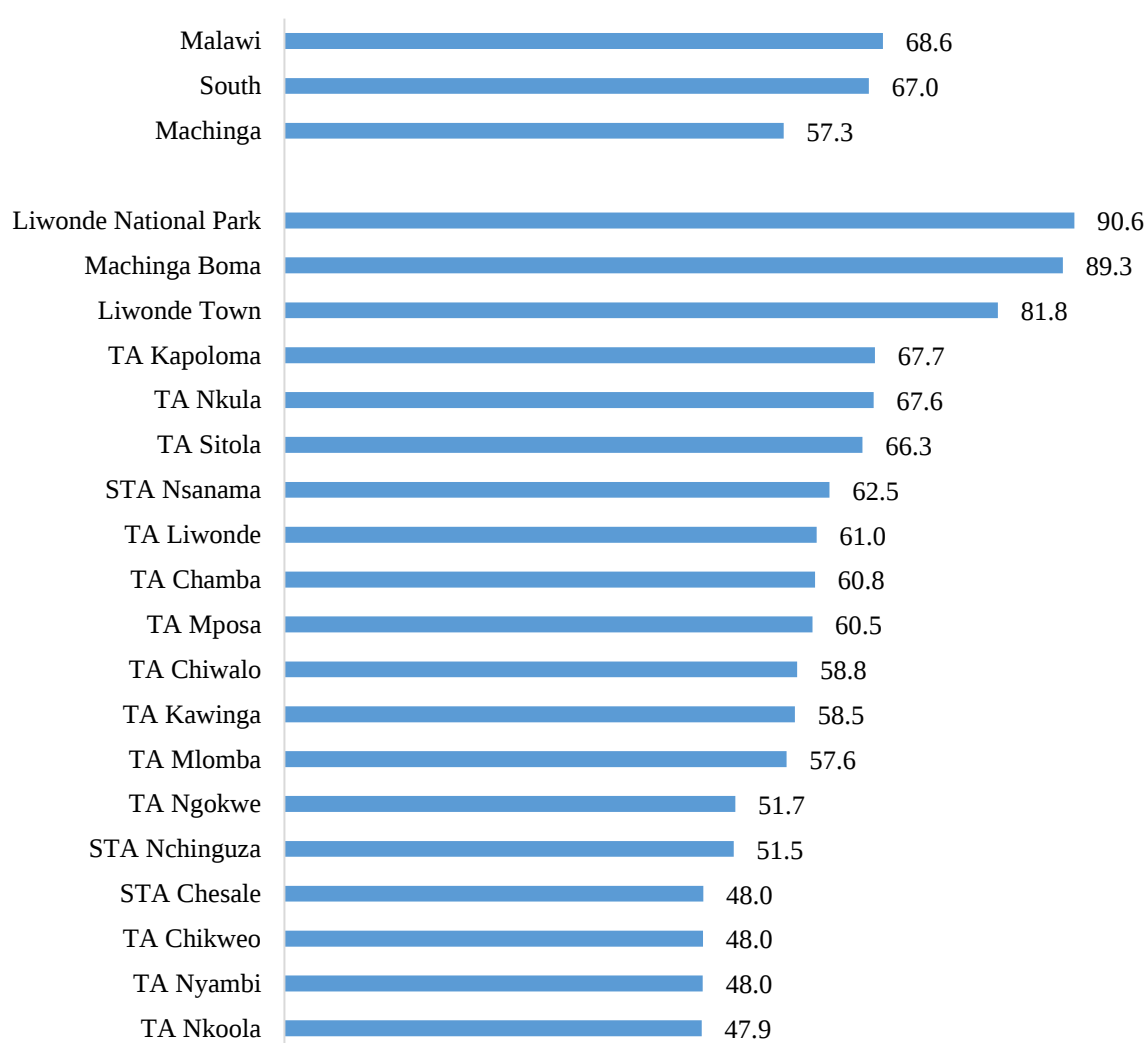
3. Literacy and Education

3.1 Literacy

Literacy is defined as the ability by person aged 5 years and over to read and write a simple sentence in any language. In Machinga district, 57.3 percent of the enumerated persons belonging to the age band of interest were reportedly literate (Figure 3.1).

Liwonde National Park had literacy rate of 90.6 percent, Machinga Boma was at 89.3 percent while Liwonde Town literacy rate was at 81.8 percent. Across the Traditional Authority areas, TA Kapoloma had the highest literacy rate at 67.7 percent, whereas STA Nkoola had the lowest at 47.9 percent (Figure 3.1).

Figure 3.1: Literacy Rates by TA, Machinga, Malawi 2018



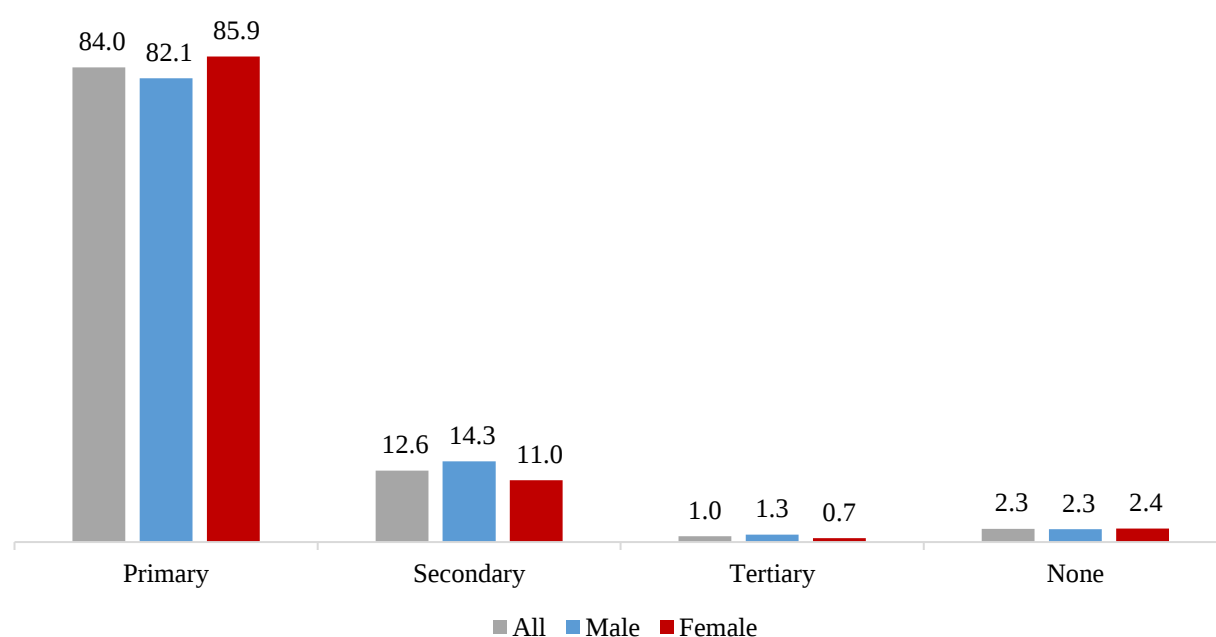
Source: National Statistical Office, 2018 Malawi Population and Housing Census

3.2 School Attendance

The 2018 PHC also collected information on school attendance and education level of the population aged 5 years and above. The majority of the population in the district had primary school as their highest level of education (84.0 percent). Those who had tertiary as their highest level of education were 0.7 percent, and 2.3 percent had never attended school.

In Machinga district, a higher percentage of females (85.9 percent) had attended primary school compared to males (82.1 percent). Further, 14.3 percent of males as compared to 11.0 percent of females had attended secondary school. Furthermore, 1.3 percent of males and 0.7 percent females had attended tertiary education level (Figure 3.2).

Figure 3.2: Highest Level of Education Attended – Machinga, Malawi 2018



Source: National Statistical Office, 2018 Malawi Population and Housing Census

4. Employed person by industry.

Employed person is a person aged from 15 to 64 years who did work, apart from his or her own house work for at least an hour for pay or gain during the last 7 days.

The majority of the economically active population were employed in Agriculture forestry and fishing sector (85.3 percent). A similar pattern is reflected when the sex of the respondent is factored in, though the percentage is higher among females (92.3 percent) compared to their male counterparts (76.5 percent).

The Construction sector accounts for 2.0 percent of the employed persons, whilst wholesale and retail trade; repair of motor vehicles and motorcycles contributes 1.3 percent (Table 4.1).

Table 4.1: Employed Persons Aged 15-64 Years by Industry, Sex, Machinga, Malawi 2018.

Economic Activity Status	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	221,161	100.0	98,219	100.0	122,942	100.0
Agriculture forestry and fishing	188,605	85.3	75,134	76.5	113,471	92.3
Mining and quarrying	233	0.1	158	0.2	75	0.1
Manufacturing	1,561	0.7	989	1.0	572	0.5
Electricity, gas, steam and air conditioning supply	185	0.1	167	0.2	18	0.0
Water supply, sewerage waste management and remediation activities	159	0.1	108	0.1	51	0.0
Construction	4,432	2.0	3,949	4.0	483	0.4
Wholesale and retail trade, repair of motor vehicles and motorcycles	2,928	1.3	2,089	2.1	839	0.7
Transportation and storage	1,326	0.6	1,295	1.3	31	0.0
Accommodation and food service activities	1,796	0.8	852	0.9	944	0.8
Information and communication	331	0.1	257	0.3	74	0.1
Financial and insurance activities	265	0.1	190	0.2	75	0.1
Real estate activities	152	0.1	113	0.1	39	0.0
Professional scientific and technical activities	442	0.2	355	0.4	87	0.1
Administrative and support service activities	176	0.1	138	0.1	38	0.0
Public administration and defence; compulsory social security	481	0.2	410	0.4	71	0.1
Education	2,727	1.2	1,747	1.8	980	0.8
Human health and social work activities	1,315	0.6	736	0.7	579	0.5
Arts entertainment and recreation	499	0.2	428	0.4	71	0.1
Other service activities	10,954	5.0	7,548	7.7	3,406	2.8
Activities of households as employers, undifferentiated goods-and services-producing activities of households for own us	2,230	1.0	1,286	1.3	944	0.8
Activities of extraterritorial organizations and bodies	364	0.2	270	0.3	94	0.1

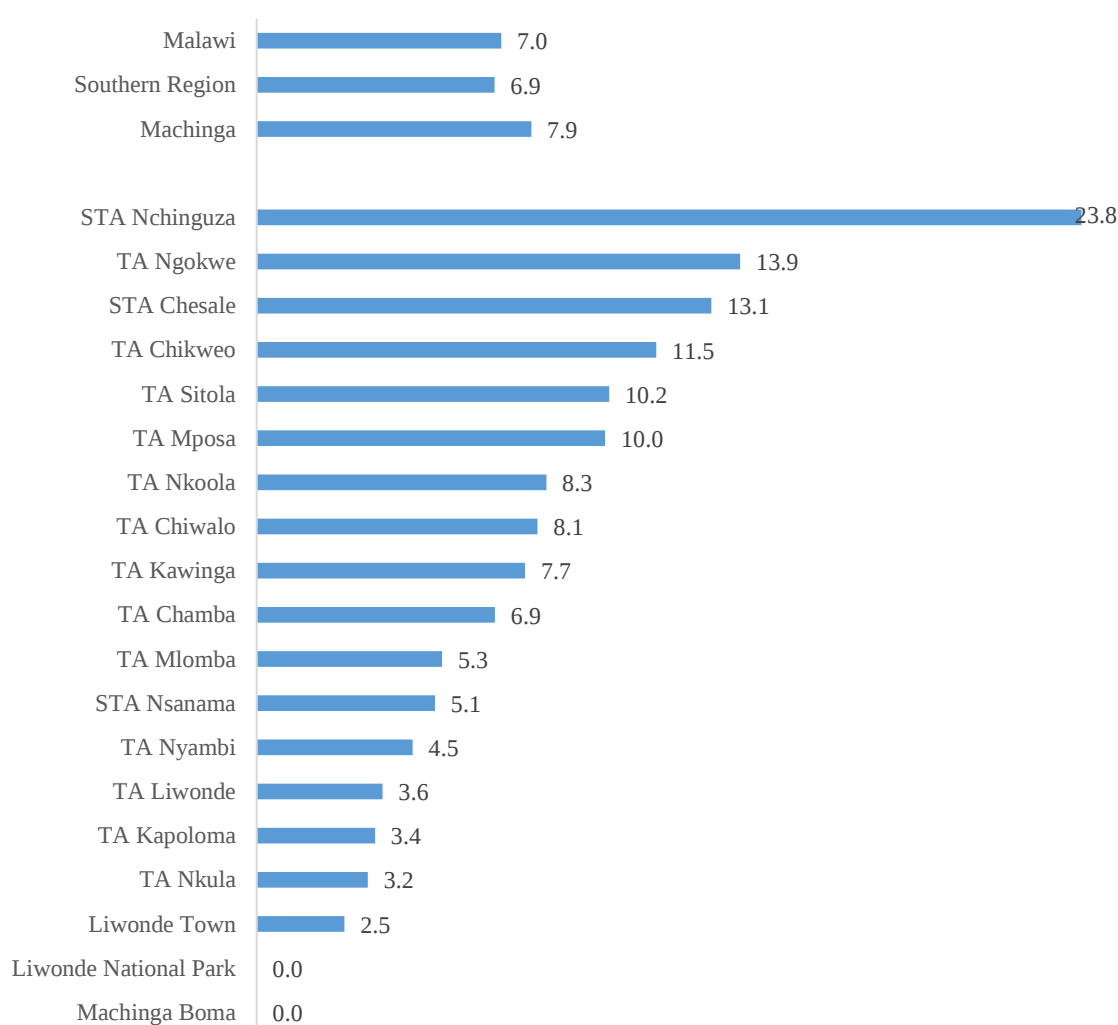
Source: National Statistical Office, 2018 Malawi Population and Housing Census

5. Households with No Toilet Facility

The 2018 PHC collected information on availability of toilet facilities at household level by type including those with no toilet facility.

In Machinga district, 7.9 percent of households enumerated did not have access to a toilet facility. This percentage contribution is higher compared to Malawi (7.0 percent) and Southern region (6.9 percent). In terms of traditional authorities, STA Nchinguza had the highest percentage of households with no toilet facility at 23.8 percent and it is followed by TA Ngokwe which had 13.9 percent (Figure 5.1).

Figure 5.1: Percentage of Households with No Toilet Facility by TA, Malawi 2018



Source: National Statistical Office, 2018 Malawi Population and Housing Census

6. Annex: Statistical Tables

Annex 1: Population Distribution by Age Group, Machinga, Malawi 2018

Area Name	Total	Age groups														
		Less than 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
Machinga	746,724	21,770	84,885	116,532	112,578	87,170	65,405	47,646	43,759	41,455	29,738	22,010	16,033	13,412	10,907	33,424
Male	350,742	12,541	48,811	61,980	54,380	40,798	26,375	20,160	17,409	16,490	12,456	10,576	6,661	5,470	4,089	12,546
Female	384,696	12,696	49,830	64,694	55,847	41,661	33,813	25,914	22,730	19,596	12,831	10,111	6,866	6,265	4,773	17,069
TA Liwonde	89,259	3,039	11,859	15,047	13,771	10,281	7,193	5,120	4,610	4,312	3,177	2,518	1,735	1,596	1,160	3,841
Male	42,032	1,532	5,810	7,430	6,810	4,991	2,993	2,254	1,943	1,861	1,522	1,278	808	700	508	1,592
Female	47,227	1,507	6,049	7,617	6,961	5,290	4,200	2,866	2,667	2,451	1,655	1,240	927	896	652	2,249
STA Nsanama	38,518	1,263	4,882	6,638	6,120	4,415	3,017	2,275	2,138	1,902	1,308	1,109	698	660	499	1,594
Male	18,423	612	2,395	3,262	3,004	2,252	1,389	1,009	894	867	626	562	331	311	231	678
Female	20,095	651	2,487	3,376	3,116	2,163	1,628	1,266	1,244	1,035	682	547	367	349	268	916
TA Sitola	25,138	771	3,073	4,248	3,844	2,849	2,031	1,421	1,263	1,357	896	762	512	458	393	1,260
Male	11,824	402	1,500	2,064	1,929	1,375	913	611	508	584	419	391	240	201	171	516
Female	13,314	369	1,573	2,184	1,915	1,474	1,118	810	755	773	477	371	272	257	222	744
TA Nkula	27,349	852	3,424	4,424	4,261	3,191	2,304	1,532	1,380	1,339	1,022	849	623	444	401	1,303
Male	12,864	416	1,763	2,148	2,119	1,574	1,019	679	564	580	451	400	294	189	151	517
Female	14,485	436	1,661	2,276	2,142	1,617	1,285	853	816	759	571	449	329	255	250	786
STA Nchinguza	31,816	995	4,140	5,671	4,883	3,630	2,714	2,034	1,905	1,615	1,064	816	469	434	317	1,129
Male	15,278	466	2,059	2,760	2,425	1,804	1,212	917	837	793	540	443	245	201	152	424
Female	16,538	529	2,081	2,911	2,458	1,826	1,502	1,117	1,068	822	524	373	224	233	165	705
TA Kawinga	92,144	3,047	11,951	15,957	13,773	10,493	7,590	5,761	4,840	4,526	3,135	2,721	1,771	1,514	1,095	3,970
Male	43,833	1,495	5,942	7,764	6,764	5,138	3,316	2,563	2,056	2,074	1,521	1,371	870	731	520	1,708
Female	48,311	1,552	6,009	8,193	7,009	5,355	4,274	3,198	2,784	2,452	1,614	1,350	901	783	575	2,262
TA Nkoola	54,169	1,992	7,457	9,647	8,027	5,749	4,480	3,386	2,812	2,557	1,740	1,493	954	894	617	2,364
Male	25,931	1,012	3,728	4,760	3,970	2,834	1,965	1,461	1,229	1,172	899	721	458	441	270	1,011
Female	28,238	980	3,729	4,887	4,057	2,915	2,515	1,925	1,583	1,385	841	772	496	453	347	1,353
TA Chamba	33,009	996	4,285	5,491	5,015	3,800	2,738	2,030	1,865	1,586	1,185	949	642	551	451	1,425
Male	15,652	501	2,121	2,736	2,517	1,895	1,204	829	802	670	582	466	320	223	203	583
Female	17,357	495	2,164	2,755	2,498	1,905	1,534	1,201	1,063	916	603	483	322	328	248	842
TA Mposa	36,000	1,182	4,281	6,053	5,485	4,207	3,000	2,371	2,069	1,936	1,333	1,013	655	497	462	1,456
Male	17,385	578	2,115	2,922	2,708	2,089	1,425	1,052	898	875	690	567	351	233	223	659
Female	18,615	604	2,166	3,131	2,777	2,118	1,575	1,319	1,171	1,061	643	446	304	264	239	797

Area Name	Total	Age groups														
		Less than 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
TA Mlomba	62,263	2,178	8,265	11,242	9,585	6,860	4,825	3,797	3,427	2,995	2,203	1,737	1,130	977	745	2,297
Male	29,613	1,088	4,120	5,443	4,721	3,392	2,090	1,602	1,505	1,357	1,071	846	558	481	367	972
Female	32,650	1,090	4,145	5,799	4,864	3,468	2,735	2,195	1,922	1,638	1,132	891	572	496	378	1,325
TA Chikweo	83,273	3,169	12,243	14,957	12,153	8,916	6,616	5,546	4,478	3,796	2,591	2,194	1,400	1,260	877	3,077
Male	40,141	1,555	5,997	7,268	6,014	4,507	2,961	2,493	2,046	1,775	1,341	1,112	710	613	417	1,332
Female	43,132	1,614	6,246	7,689	6,139	4,409	3,655	3,053	2,432	2,021	1,250	1,082	690	647	460	1,745
TA Ngokwe	37,602	1,406	5,635	6,496	5,338	4,008	3,218	2,565	2,089	1,795	1,223	997	655	511	385	1,281
Male	18,274	709	2,757	3,205	2,591	2,035	1,451	1,168	970	898	637	548	334	243	185	543
Female	19,328	697	2,878	3,291	2,747	1,973	1,767	1,397	1,119	897	586	449	321	268	200	738
TA Chiwalo	13,149	422	1,845	2,374	1,967	1,479	961	729	719	606	459	340	236	224	185	603
Male	6,211	237	949	1,201	960	718	394	280	278	262	208	189	109	101	84	241
Female	6,938	185	896	1,173	1,007	761	567	449	441	344	251	151	127	123	101	362
TA Kapoloma	15,789	543	2,055	2,657	2,370	1,802	1,346	1,017	911	845	550	462	271	221	156	583
Male	7,539	269	1,053	1,310	1,136	852	576	400	433	409	279	248	143	116	68	247
Female	8,250	274	1,002	1,347	1,234	950	770	617	478	436	271	214	128	105	88	336
TA Nyambi	55,989	2,084	8,214	9,806	8,025	6,046	4,225	3,442	2,955	2,686	1,873	1,504	1,039	899	726	2,465
Male	26,177	1,029	4,047	4,785	3,966	2,950	1,689	1,404	1,213	1,195	852	764	512	377	331	1,063
Female	29,812	1,055	4,167	5,021	4,059	3,096	2,536	2,038	1,742	1,491	1,021	740	527	522	395	1,402
STA Chesale	14,599	567	2,223	2,526	2,156	1,652	1,134	892	803	639	488	442	236	216	161	464
Male	7,074	267	1,080	1,244	1,071	873	509	413	341	306	242	230	124	101	72	201
Female	7,525	300	1,143	1,282	1,085	779	625	479	462	333	246	212	112	115	89	263
Liwonde National																
Park + Liwonde Town	23,539	690	2,631	3,191	3,178	2,859	2,599	2,026	1,749	1,477	953	700	459	343	220	464
Male	11,615	349	1,285	1,565	1,540	1,406	1,184	973	834	751	542	394	236	185	130	241
Female	11,924	341	1,346	1,626	1,638	1,453	1,415	1,053	915	726	411	306	223	158	90	223
Machinga Boma	1,833	41	178	249	276	222	197	130	126	117	87	81	42	36	12	39
Male	876	24	90	113	135	113	85	52	58	61	34	46	18	23	6	18
Female	957	17	88	136	141	109	112	78	68	56	53	35	24	13	6	21

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Annex 2: Literacy Rates by Sex and TA, Machinga, Malawi 2018

Area Name	Population Age 5 Years and Older								
	Total Population			Literate			Literacy rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Malawi	15,011,343	7,255,489	7,755,854	10,301,467	5,192,701	5,108,766	68.6	71.6	65.9
Southern Region	6,606,497	3,159,131	3,447,366	4,428,915	2,232,409	2,196,506	67.0	70.7	63.7
Machinga	611,560	289,390	322,170	350,166	177,656	172,510	57.3	61.4	53.5
TA Kawinga	77,146	36,396	40,750	45,165	22,788	22,377	58.5	62.6	54.9
TA Liwonde	74,361	34,690	39,671	45,380	22,550	22,830	61.0	65.0	57.5
TA Chikweo	67,861	32,589	35,272	32,582	17,461	15,121	48.0	53.6	42.9
TA Mlomba	51,820	24,405	27,415	29,842	15,014	14,828	57.6	61.5	54.1
TA Nyambi	45,691	21,101	24,590	21,925	11,195	10,730	48.0	53.1	43.6
TA Nkoola	44,720	21,191	23,529	21,399	10,930	10,469	47.9	51.6	44.5
STA Nsanama	32,373	15,416	16,957	20,240	10,186	10,054	62.5	66.1	59.3
TA Ngokwe	30,561	14,808	15,753	15,805	8,568	7,237	51.7	57.9	45.9
TA Mposa	30,537	14,692	15,845	18,490	9,528	8,962	60.5	64.9	56.6
TA Chamba	27,728	13,030	14,698	16,872	8,304	8,568	60.8	63.7	58.3
STA Nchinguza	26,681	12,753	13,928	13,749	6,927	6,822	51.5	54.3	49.0
TA Nkula	23,073	10,685	12,388	15,591	7,518	8,073	67.6	70.4	65.2
TA Sitola	21,294	9,922	11,372	14,119	6,884	7,235	66.3	69.4	63.6
Liwonde Town	20,069	9,899	10,170	16,424	8,267	8,157	81.8	83.5	80.2
TA Kapoloma	13,191	6,217	6,974	8,934	4,452	4,482	67.7	71.6	64.3
STA Chesale	11,809	5,727	6,082	5,673	3,121	2,552	48.0	54.5	42.0
TA Chiwalo	10,882	5,025	5,857	6,400	3,195	3,205	58.8	63.6	54.7
Machinga Boma	1,614	762	852	1,441	691	750	89.3	90.7	88.0
Liwonde National Park	149	82	67	135	77	58	90.6	93.9	86.6

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Annex 3: Population Age 5 Years and Over by Highest Level of Education Attended by TA, Machinga, Malawi 2018

Area Name	Total	Preschool/None		Primary		Secondary		Tertiary	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Malawi	12,108,505	199,642	1.6	9,050,471	74.7	2,520,412	20.8	337,980	2.8
Southern Region	5,243,422	97,207	1.9	3,919,634	74.8	1,077,626	20.6	148,955	2.8
Machinga	440,864	10,353	2.3	370,255	84.0	55,725	12.6	4,531	1.0
TA Liwonde	56,407	1,519	2.7	47,175	83.6	7,295	12.9	418	0.7
TA Kawinga	56,370	1,452	2.6	47,628	84.5	6,880	12.2	410	0.7
TA Chikweo	42,290	1,106	2.6	37,177	87.9	3,821	9.0	186	0.4
TA Mlomba	37,662	578	1.5	31,850	84.6	4,913	13.0	321	0.9
TA Nyambi	29,316	1,034	3.5	25,498	87.0	2,661	9.1	123	0.4
TA Nkoola	26,937	352	1.3	23,919	88.8	2,515	9.3	151	0.6
STA Nsanama	24,659	355	1.4	20,607	83.6	3,441	14.0	256	1.0
TA Mposa	23,186	814	3.5	19,818	85.5	2,432	10.5	122	0.5
TA Chamba	21,492	427	2.0	17,875	83.2	3,014	14.0	176	0.8
TA Ngokwe	21,330	771	3.6	18,209	85.4	2,266	10.6	84	0.4
TA Nkula	19,128	436	2.3	15,584	81.5	2,965	15.5	143	0.7
STA Nchinguza	18,777	454	2.4	16,542	88.1	1,696	9.0	85	0.5
Liwonde Town	18,374	277	1.5	11,101	60.4	5,425	29.5	1,571	8.6
TA Sitola	17,260	325	1.9	14,396	83.4	2,435	14.1	104	0.6
TA Kapoloma	10,634	250	2.4	8,365	78.7	1,862	17.5	157	1.5
TA Chiwalo	8,030	82	1.0	7,123	88.7	809	10.1	16	0.2
STA Chesale	7,405	101	1.4	6,591	89.0	696	9.4	17	0.2
Machinga Boma	1,459	20	1.4	744	51.0	542	37.1	153	10.5
Liwonde National Park	148	-	-	53	35.8	57	38.5	38	25.7

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Annex 4: Orphanhood by TA, Machinga District, Malawi 2018

Area Name	All Orphans		
	Total	Male	Female
Malawi	978,293	482,640	495,653
Southern Region	474,882	235,488	239,394
Machinga	41,533	20,595	20,938
TA Liwonde	5,330	2,682	2,648
TA Kawinga	5,128	2,521	2,607
TA Chikweo	4,632	2,335	2,297
TA Mlomba	3,398	1,682	1,716
TA Nkoola	3,133	1,515	1,618
TA Nyambi	2,705	1,350	1,355
STA Nsanama	2,675	1,302	1,373
STA Nchinguza	1,956	972	984
TA Chamba	1,830	897	933
TA Ngokwe	1,803	904	899
TA Mposa	1,776	842	934
TA Sitola	1,703	846	857
TA Nkula	1,605	827	778
Liwonde Town	1,264	620	644
TA Chiwalo	847	453	394
STA Chesale	841	410	431
TA Kapoloma	813	395	418
Machinga Boma	94	42	52

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Annex 5 :Population Aged 16 Years and Over with National ID by Age for Machinga, Malawi 2018

Area Name	Population			With National ID		
	Total	Male	Female	Total	Male	Female
Malawi	9,393,145	4,482,878	4,910,267	8,487,708	3,973,211	4,514,497
16-19	1,583,928	778,343	805,585	1,134,708	532,696	602,012
20-24	1,651,576	777,577	873,999	1,525,401	705,693	819,708
25-29	1,229,411	582,866	646,545	1,147,861	533,675	614,186
30-34	1,107,226	516,505	590,721	1,041,591	476,253	565,338
35-39	968,998	468,188	500,810	916,378	434,480	481,898
40-44	729,600	367,171	362,429	695,405	344,858	350,547
45-49	535,868	273,749	262,119	513,350	259,214	254,136
50-54	387,812	188,400	199,412	373,755	180,121	193,634
55-59	306,921	144,046	162,875	296,346	138,267	158,079
60-64	234,918	107,820	127,098	226,750	103,707	123,043
65+	656,887	278,213	378,674	616,163	264,247	351,916
Southern Region	4,096,603	1,917,180	2,179,423	3,699,036	1,691,319	2,007,717
16-19	703,008	344,123	358,885	498,636	233,013	265,623
20-24	703,356	324,263	379,093	650,229	293,282	356,947
25-29	526,441	241,981	284,460	491,592	220,276	271,316
30-34	474,715	213,618	261,097	447,251	196,143	251,108
35-39	434,337	205,184	229,153	411,475	189,996	221,479
40-44	315,515	157,694	157,821	301,183	148,032	153,151
45-49	232,025	117,901	114,124	222,586	111,597	110,989
50-54	163,300	77,748	85,552	157,721	74,432	83,289
55-59	131,316	59,919	71,397	127,099	57,626	69,473
60-64	102,770	45,781	56,989	99,447	44,071	55,376
65+	309,820	128,968	180,852	291,817	122,851	168,966
Machinga	356,613	163,633	192,980	316,112	139,506	176,606
16-19	64,417	31,404	33,013	43,931	20,054	23,877
20-24	60,186	26,374	33,812	54,416	22,786	31,630
25-29	46,073	20,159	25,914	42,254	17,535	24,719
30-34	40,139	17,409	22,730	37,410	15,547	21,863
35-39	36,085	16,489	19,596	33,841	14,859	18,982
40-44	25,287	12,456	12,831	23,994	11,530	12,464
45-49	20,687	10,576	10,111	19,724	9,893	9,831
50-54	13,527	6,661	6,866	13,026	6,344	6,682
55-59	11,735	5,470	6,265	11,316	5,209	6,107
60-64	8,862	4,089	4,773	8,544	3,901	4,643
65+	29,615	12,546	17,069	27,656	11,848	15,808

Area Name	Population			With National ID		
	Total	Male	Female	Total	Male	Female
TA Liwonde	43,276	19,315	23,961	37,518	15,788	21,730
16-19	8,014	3,856	4,158	5,265	2,336	2,929
20-24	7,193	2,993	4,200	6,328	2,416	3,912
25-29	5,120	2,254	2,866	4,509	1,822	2,687
30-34	4,610	1,943	2,667	4,212	1,643	2,569
35-39	4,312	1,861	2,451	4,007	1,643	2,364
40-44	3,177	1,522	1,655	2,954	1,362	1,592
45-49	2,518	1,278	1,240	2,389	1,190	1,199
50-54	1,735	808	927	1,665	761	904
55-59	1,596	700	896	1,526	653	873
60-64	1,160	508	652	1,112	478	634
65+	3,841	1,592	2,249	3,551	1,484	2,067
STA Nsanama	18,607	8,627	9,980	16,373	7,268	9,105
16-19	3,407	1,729	1,678	2,331	1,108	1,223
20-24	3,017	1,389	1,628	2,721	1,209	1,512
25-29	2,275	1,009	1,266	2,059	854	1,205
30-34	2,138	894	1,244	1,959	765	1,194
35-39	1,902	867	1,035	1,739	750	989
40-44	1,308	626	682	1,228	569	659
45-49	1,109	562	547	1,057	528	529
50-54	698	331	367	676	318	358
55-59	660	311	349	630	297	333
60-64	499	231	268	487	225	262
65+	1,594	678	916	1,486	645	841
TA Sitola	12,555	5,604	6,951	11,241	4,831	6,410
16-19	2,202	1,050	1,152	1,438	639	799
20-24	2,031	913	1,118	1,889	827	1,062
25-29	1,421	611	810	1,325	551	774
30-34	1,263	508	755	1,191	453	738
35-39	1,357	584	773	1,293	535	758
40-44	896	419	477	844	379	465
45-49	762	391	371	721	360	361
50-54	512	240	272	498	231	267
55-59	458	201	257	449	193	256
60-64	393	171	222	378	163	215
65+	1,260	516	744	1,215	500	715
TA Nkula	13,653	6,034	7,619	12,187	5,215	6,972
16-19	2,456	1,190	1,266	1,615	739	876
20-24	2,304	1,019	1,285	2,123	918	1,205
25-29	1,532	679	853	1,417	597	820
30-34	1,380	564	816	1,310	521	789
35-39	1,339	580	759	1,275	537	738
40-44	1,022	451	571	978	422	556
45-49	849	400	449	815	374	441
50-54	623	294	329	606	284	322
55-59	444	189	255	431	182	249
60-64	401	151	250	390	147	243
65+	1,303	517	786	1,227	494	733

Area Name	Population			With National ID		
	Total	Male	Female	Total	Male	Female
STA Nchinguza	15,286	7,131	8,155	13,171	5,901	7,270
16-19	2,789	1,367	1,422	1,663	757	906
20-24	2,714	1,212	1,502	2,419	1,029	1,390
25-29	2,034	917	1,117	1,880	819	1,061
30-34	1,905	837	1,068	1,779	761	1,018
35-39	1,615	793	822	1,497	700	797
40-44	1,064	540	524	1,008	496	512
45-49	816	443	373	766	405	361
50-54	469	245	224	442	227	215
55-59	434	201	233	409	183	226
60-64	317	152	165	296	138	158
65+	1,129	424	705	1,012	386	626
TA Kawinga	45,081	20,715	24,366	39,345	17,269	22,076
16-19	8,161	3,987	4,174	5,454	2,481	2,973
20-24	7,588	3,315	4,273	6,716	2,772	3,944
25-29	5,761	2,563	3,198	5,209	2,170	3,039
30-34	4,840	2,056	2,784	4,418	1,768	2,650
35-39	4,525	2,073	2,452	4,205	1,836	2,369
40-44	3,135	1,521	1,614	2,944	1,381	1,563
45-49	2,721	1,371	1,350	2,562	1,263	1,299
50-54	1,771	870	901	1,701	825	876
55-59	1,514	731	783	1,448	687	761
60-64	1,095	520	575	1,055	496	559
65+	3,970	1,708	2,262	3,633	1,590	2,043
TA Nkoola	25,791	11,796	13,995	23,172	10,216	12,956
16-19	4,494	2,169	2,325	3,173	1,427	1,746
20-24	4,480	1,965	2,515	4,069	1,703	2,366
25-29	3,386	1,461	1,925	3,139	1,281	1,858
30-34	2,812	1,229	1,583	2,634	1,117	1,517
35-39	2,557	1,172	1,385	2,426	1,078	1,348
40-44	1,740	899	841	1,672	848	824
45-49	1,493	721	772	1,438	681	757
50-54	954	458	496	917	432	485
55-59	894	441	453	873	425	448
60-64	617	270	347	595	261	334
65+	2,364	1,011	1,353	2,236	963	1,273
TA Chamba	16,405	7,351	9,054	14,750	6,417	8,333
16-19	2,983	1,469	1,514	2,172	1,024	1,148
20-24	2,738	1,204	1,534	2,511	1,079	1,432
25-29	2,030	829	1,201	1,878	729	1,149
30-34	1,865	802	1,063	1,751	733	1,018
35-39	1,586	670	916	1,504	618	886
40-44	1,185	582	603	1,113	534	579
45-49	949	466	483	903	436	467
50-54	642	320	322	624	309	315
55-59	551	223	328	535	215	320
60-64	451	203	248	432	191	241
65+	1,425	583	842	1,327	549	778

Area Name	Population			With National ID		
	Total	Male	Female	Total	Male	Female
TA Mposa	18,113	8,600	9,513	16,162	7,451	8,711
16-19	3,321	1,627	1,694	2,234	1,028	1,206
20-24	3,000	1,425	1,575	2,745	1,262	1,483
25-29	2,371	1,052	1,319	2,195	936	1,259
30-34	2,069	898	1,171	1,960	829	1,131
35-39	1,936	875	1,061	1,846	806	1,040
40-44	1,333	690	643	1,284	653	631
45-49	1,013	567	446	977	544	433
50-54	655	351	304	634	335	299
55-59	497	233	264	479	224	255
60-64	462	223	239	444	212	232
65+	1,456	659	797	1,364	622	742
TA Mlomba	29,516	13,450	16,066	26,771	11,834	14,937
16-19	5,383	2,601	2,782	3,886	1,794	2,092
20-24	4,825	2,090	2,735	4,458	1,858	2,600
25-29	3,797	1,602	2,195	3,562	1,444	2,118
30-34	3,427	1,505	1,922	3,254	1,385	1,869
35-39	2,995	1,357	1,638	2,851	1,247	1,604
40-44	2,203	1,071	1,132	2,129	1,021	1,108
45-49	1,737	846	891	1,676	796	880
50-54	1,130	558	572	1,094	538	556
55-59	977	481	496	952	466	486
60-64	745	367	378	726	356	370
65+	2,297	972	1,325	2,183	929	1,254
TA Chikweo	38,826	18,253	20,573	34,547	15,786	18,761
16-19	6,991	3,453	3,538	4,738	2,190	2,548
20-24	6,616	2,961	3,655	6,039	2,602	3,437
25-29	5,546	2,493	3,053	5,120	2,233	2,887
30-34	4,478	2,046	2,432	4,250	1,903	2,347
35-39	3,796	1,775	2,021	3,568	1,636	1,932
40-44	2,591	1,341	1,250	2,452	1,249	1,203
45-49	2,194	1,112	1,082	2,093	1,047	1,046
50-54	1,400	710	690	1,338	674	664
55-59	1,260	613	647	1,218	592	626
60-64	877	417	460	848	403	445
65+	3,077	1,332	1,745	2,883	1,257	1,626
TA Ngokwe	17,896	8,554	9,342	16,082	7,456	8,626
16-19	3,178	1,578	1,600	2,216	1,037	1,179
20-24	3,218	1,451	1,767	2,975	1,290	1,685
25-29	2,564	1,167	1,397	2,404	1,056	1,348
30-34	2,089	970	1,119	1,982	894	1,088
35-39	1,795	898	897	1,693	819	874
40-44	1,223	637	586	1,184	608	576
45-49	997	548	449	959	514	445
50-54	655	334	321	626	315	311
55-59	511	243	268	495	233	262
60-64	385	185	200	366	173	193
65+	1,281	543	738	1,182	517	665

Area Name	Population			With National ID		
	Total	Male	Female	Total	Male	Female
TA Chiwalo	6,189	2,679	3,510	5,282	2,116	3,166
16-19	1,127	533	594	702	305	397
20-24	961	394	567	822	301	521
25-29	729	280	449	641	216	425
30-34	719	278	441	649	231	418
35-39	606	262	344	553	221	332
40-44	459	208	251	424	183	241
45-49	340	189	151	315	167	148
50-54	236	109	127	226	101	125
55-59	224	101	123	211	93	118
60-64	185	84	101	179	79	100
65+	603	241	362	560	219	341
TA Kapoloma	7,772	3,586	4,186	6,819	2,982	3,837
16-19	1,410	667	743	999	436	563
20-24	1,346	576	770	1,202	478	724
25-29	1,017	400	617	922	331	591
30-34	911	433	478	815	363	452
35-39	845	409	436	763	349	414
40-44	550	279	271	523	258	265
45-49	462	248	214	432	226	206
50-54	271	143	128	255	133	122
55-59	221	116	105	212	110	102
60-64	156	68	88	152	65	87
65+	583	247	336	544	233	311
TA Nyambi	26,571	11,647	14,924	23,718	9,924	13,794
16-19	4,757	2,247	2,510	3,328	1,448	1,880
20-24	4,225	1,689	2,536	3,806	1,438	2,368
25-29	3,442	1,404	2,038	3,151	1,192	1,959
30-34	2,955	1,213	1,742	2,745	1,061	1,684
35-39	2,686	1,195	1,491	2,519	1,071	1,448
40-44	1,873	852	1,021	1,798	801	997
45-49	1,504	764	740	1,447	731	716
50-54	1,039	512	527	1,003	494	509
55-59	899	377	522	868	355	513
60-64	726	331	395	703	317	386
65+	2,465	1,063	1,402	2,350	1,016	1,334
STA Chesale	6,801	3,232	3,569	6,023	2,755	3,268
16-19	1,326	693	633	935	453	482
20-24	1,134	509	625	1,010	438	572
25-29	892	413	479	828	369	459
30-34	803	341	462	745	307	438
35-39	639	306	333	588	268	320
40-44	488	242	246	469	228	241
45-49	442	230	212	421	213	208
50-54	236	124	112	227	117	110
55-59	216	101	115	211	100	111
60-64	161	72	89	159	70	89
65+	464	201	263	430	192	238

Area Name	Population			With National ID		
	Total	Male	Female	Total	Male	Female
Liwonde National Park	102	60	42	93	56	37
16-24	26	13	13	20	10	10
25-39	49	25	24	47	24	23
40+	27	22	5	26	22	4
Machinga Boma	1,041	492	549	962	446	516
16-19	174	91	83	133	65	68
20-24	197	85	112	188	83	105
25-29	130	52	78	123	47	76
30-34	126	58	68	118	55	63
35-39	117	61	56	113	58	55
40-44	87	34	53	85	34	51
45-49	81	46	35	77	42	35
50-54	42	18	24	41	17	24
55-59	36	23	13	35	22	13
60-64	12	6	6	12	6	6
65+	39	18	21	37	17	20
Liwonde Town	13,132	6,507	6,625	11,896	5,795	6,101
16-19	2,233	1,091	1,142	1,644	784	860
20-24	2,584	1,177	1,407	2,380	1,076	1,304
25-29	2,009	965	1,044	1,876	881	995
30-34	1,734	828	906	1,623	752	871
35-39	1,460	740	720	1,385	676	709
40-44	941	532	409	893	494	399
45-49	697	393	304	674	375	299
50-54	452	230	222	446	227	219
55-59	339	181	158	330	175	155
60-64	220	130	90	210	121	89
65+	463	240	223	435	234	201

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Annex 6 : Percentage of Household by Main Source of Drinking Water Dry Season and TA, Malawi 2018

Area Name	Piped into dwelling	Piped into yard/plot	Community standpipe	Unprotected well	Protected well	Borehole	Spring	River/ Stream	Pond/ Lake	Dam	Other
Malawi	2.8	7.5	8.4	7.9	5.2	61.6	0.6	4.9	0.5	0.4	0.4
Southern Region	3.0	6.5	9.9	6.6	3.2	64.8	0.6	4.0	0.6	0.4	0.4
Machinga	0.6	3.1	5.6	14.2	5.1	65.2	0.7	3.6	0.2	1.4	0.4
TA Liwonde	0.1	0.5	0.3	5.6	1.4	81.3	1.0	9.0	0.1	0.5	0.1
STA Nsanama	0.7	5.8	14.8	4.8	1.5	66.8	0.1	3.1	0.1	0.7	1.6
TA Sitola	0.5	10.9	17.2	3.0	3.4	61.0	0.1	3.7	0.0	0.1	0.1
TA Nkula	1.0	20.6	38.6	3.5	2.2	28.4	2.0	3.1	-	0.5	0.2
STA Nchinguza	0.3	0.1	0.1	29.2	12.4	56.0	0.3	0.2	0.0	1.5	0.1
TA Kawinga	0.1	0.8	0.0	12.7	6.5	77.3	0.2	0.9	0.1	1.4	0.1
TA Nkoola	0.1	0.0	0.5	17.5	3.7	69.4	3.7	1.3	0.0	3.7	0.1
TA Chamba	0.3	2.8	13.1	12.0	4.7	59.0	0.1	7.7	0.4	0.0	0.1
TA Mposa	-	0.0	0.7	7.5	10.7	70.9	1.4	4.5	1.4	2.7	0.1
TA Mlomba	0.1	3.4	18.9	7.2	3.3	65.3	0.0	1.1	0.0	0.4	0.1
TA Chikweo	0.0	0.0	0.0	30.1	3.8	60.5	0.2	1.7	0.5	1.9	1.2
TA Ngokwe	-	0.0	0.0	40.4	5.1	47.2	0.0	4.8	0.1	2.2	0.1
TA Chiwalo	-	-	0.1	2.5	0.7	83.9	1.3	11.1	-	0.3	-
TA Kapoloma	0.6	0.2	0.1	3.3	2.8	92.0	0.1	0.6	-	0.1	0.1
TA Nyambi	0.0	0.0	0.0	13.4	12.9	67.5	0.4	2.4	0.0	2.0	1.2
STA Chesale	0.0	0.0	0.1	33.9	6.3	36.6	0.8	16.2	1.4	3.6	1.1
Liwonde National Park	71.7	10.9	4.3	-	-	10.9	-	-	-	-	2.2
Machinga Boma	10.7	41.3	18.8	-	1.2	27.6	-	-	-	-	0.5
Liwonde Town	10.1	25.9	10.5	7.3	4.1	40.2	0.1	1.4	0.1	0.1	0.3

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Annex 7: Percentage of Household by Main Source of Energy for Lighting and TA, Malawi 2018

Area name	Electricity	Solar	Battery	Paraffin	Candles	Firewood	Grass/ Straw	Other
Malawi	11.4	6.6	52.9	1.7	6.2	4.4	2.1	14.8
Southern Region	13.4	4.7	52.9	2.8	6.5	4.6	1.1	13.9
Machinga	4.1	3.7	68.5	1.0	2.1	5.8	1.9	12.9
TA Liwonde	3.4	4.9	70.4	1.0	1.6	6.1	1.7	10.9
STA Nsanama	5.0	3.2	56.9	1.1	3.4	9.4	1.3	19.6
TA Sitola	0.9	2.8	66.5	0.3	0.9	1.8	0.8	26.0
TA Nkula	1.3	7.4	78.8	0.6	0.7	0.5	2.3	8.3
STA Nchinguza	1.2	2.4	77.0	0.3	1.0	1.1	2.3	14.6
TA Kawinga	3.5	1.7	78.5	0.5	0.9	7.1	1.8	5.9
TA Nkoola	0.9	2.5	69.2	2.9	1.2	3.9	1.3	18.1
TA Chamba	5.7	6.2	68.9	0.7	4.2	2.9	1.5	9.8
TA Mposa	4.1	5.2	80.0	0.4	0.3	1.8	0.6	7.6
TA Mlomba	4.3	4.3	65.9	1.8	2.8	5.8	1.0	14.0
TA Chikweo	2.0	3.3	60.9	1.1	2.3	7.5	3.4	19.6
TA Ngokwe	2.1	2.0	69.7	0.4	2.1	9.5	3.6	10.6
TA Chiwalo	1.4	2.6	73.8	3.3	5.3	2.5	1.7	9.5
TA Kapoloma	14.2	4.1	64.9	0.8	3.4	3.4	1.0	8.3
TA Nyambi	1.7	4.9	66.5	1.2	2.8	9.0	2.5	11.4
STA Chesale	0.1	3.6	36.7	0.3	7.3	20.2	3.2	28.7
Liwonde National Park	63.0	26.1	6.5	0.0	0.0	0.0	0.0	4.3
Machinga Boma	51.5	1.2	27.1	0.2	1.7	0.5	3.3	14.5
Liwonde Town	31.2	3.7	58.3	0.3	3.0	0.1	0.2	3.2

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Annex 8: Percentage of Household by Main Source of Energy for Cooking and TA, Malawi 2018

Area Name	Electricity	Solar	Paraffin	Charcoal	Firewood	Straw/ Shrubs/ Grass	Gas	Other
Malawi	1.9	0.5	0.2	18.2	77.4	1.1	0.0	0.8
Southern Region	1.9	0.4	0.2	19.4	76.3	1.2	0.0	0.7
Machinga	0.2	0.3	0.1	9.6	88.5	0.4	0.0	0.7
TA Liwonde	0.1	1.0	0.2	8.2	89.6	0.2	0.0	0.7
STA Nsanama	0.1	0.2	0.1	9.0	90.1	0.1	-	0.4
TA Sitola	0.1	0.2	0.1	6.2	90.2	0.1	0.0	3.1
TA Nkula	0.1	0.2	0.1	7.8	91.5	-	-	0.3
STA Nchinguza	0.3	0.1	0.1	6.2	92.4	0.7	-	0.2
TA Kawinga	0.2	0.1	0.1	9.0	89.2	1.2	-	0.2
TA Nkoola	0.0	0.2	0.2	3.3	95.2	0.4	-	0.6
TA Chamba	0.1	0.2	0.2	5.6	93.5	0.1	0.0	0.3
TA Mposa	0.1	0.9	0.1	4.2	94.1	0.4	-	0.3
TA Mlomba	0.3	0.2	0.2	11.3	87.4	0.3	0.0	0.4
TA Chikweo	0.1	0.2	0.1	5.0	91.4	0.8	0.0	2.3
TA Ngokwe	0.1	0.1	0.0	7.7	91.0	0.6	0.0	0.3
TA Chiwalo	0.1	0.2	0.3	7.3	91.6	0.3	-	0.3
TA Kapoloma	1.0	0.5	0.1	22.0	75.9	0.1	-	0.3
TA Nyambi	0.1	0.2	0.2	7.0	92.0	0.1	-	0.4
STA Chesale	-	1.0	-	3.0	94.7	0.0	-	1.2
Liwonde National Park	28.3	-	-	4.3	60.9	-	6.5	-
Machinga Boma	2.9	-	-	38.7	58.4	-	-	-
Liwonde Town	2.3	0.2	0.1	69.7	27.3	0.1	0.1	0.2

Source: National Statistical Office, 2018 Malawi Population and Housing Census

Annex 9: Percentage of Household by Type of Toilet and TA, Malawi 2018

Area Name	Flush toilet	Ventilated improved pit (VIP) latrine	Pit latrine with concrete slab	Pit latrine with earth/sand slab	Pit latrine without slab or open pit	Compost toilet	Other	No facility/ Bush/Field
Malawi	3.0	1.3	9.5	45.2	28.1	3.8	2.2	7.0
Southern Region	3.0	1.1	9.1	46.1	27.6	4.1	2.1	6.9
Machinga	0.8	0.7	3.3	47.6	31.9	5.3	2.6	7.9
TA Liwonde	0.2	0.7	3.1	55.5	29.4	5.2	2.3	3.6
STA Nsanama	0.1	0.0	5.4	62.5	19.1	6.2	1.6	5.1
TA Sitola	0.3	0.1	5.6	34.1	43.6	4.3	1.8	10.2
TA Nkula	0.4	4.4	3.0	66.8	20.7	0.4	1.2	3.2
STA Nchinguza	0.4	0.1	1.2	57.6	16.2	0.3	0.5	23.8
TA Kawinga	0.1	1.7	2.7	39.4	38.2	5.9	4.3	7.7
TA Nkoola	0.1	0.1	0.9	40.8	34.8	12.6	2.4	8.3
TA Chamba	0.1	0.2	4.1	53.7	29.1	0.2	5.7	6.9
TA Mposa	0.0	0.4	1.0	49.7	24.9	11.0	3.0	10.0
TA Mlomba	0.1	1.3	3.1	55.8	25.5	7.4	1.4	5.3
TA Chikweo	0.0	0.1	1.8	41.4	37.8	4.8	2.6	11.5
TA Ngokwe	0.1	0.1	0.8	31.3	47.0	4.7	2.0	13.9
TA Chiwalo	-	0.2	1.2	47.9	37.6	3.2	1.9	8.1
TA Kapoloma	0.3	0.1	5.0	51.1	35.7	0.5	3.8	3.4
TA Nyambi	0.0	0.2	0.9	47.2	42.9	1.6	2.7	4.5
STA Chesale	0.0	0.5	1.4	22.5	41.9	15.3	5.3	13.1
Liwonde National Park	78.3	-	17.4	2.2	2.2	-	-	-
Machinga Boma	18.3	3.1	24.0	26.6	27.8	-	0.2	-
Liwonde Town	17.1	0.8	24.5	47.2	4.9	2.7	0.3	2.5

Source: National Statistical Office, 2018 Malawi Population and Housing Census

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