



Malawi Government

2018 Malawi Population and Housing

Census

Phalombe 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 Phalombe 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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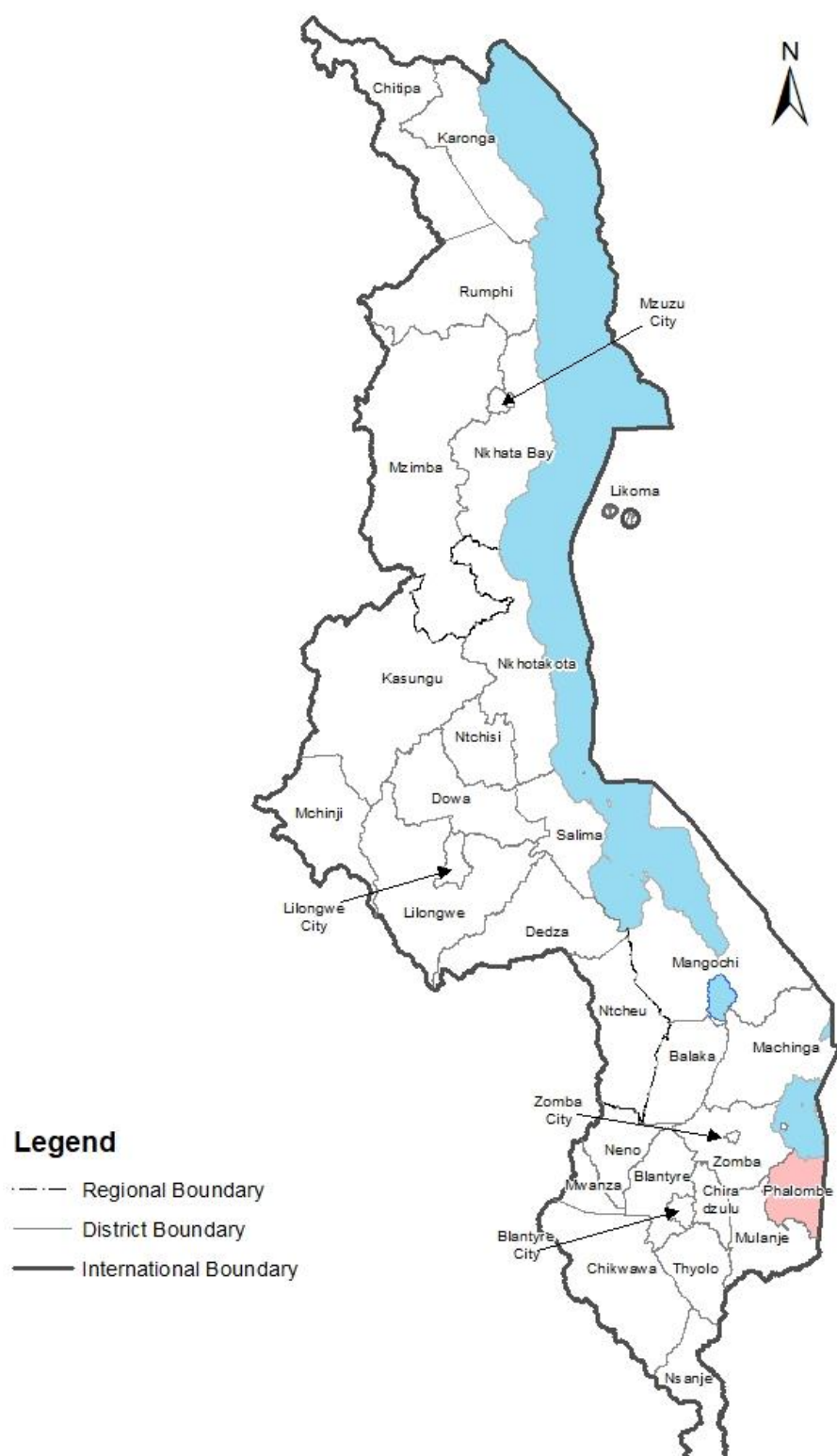
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Map of Malawi Showing Phalombe District



Map of Phalombe District Showing Traditional Authority Boundaries



1 POPULATION SIZE AND GROWTH

1.1 Population size

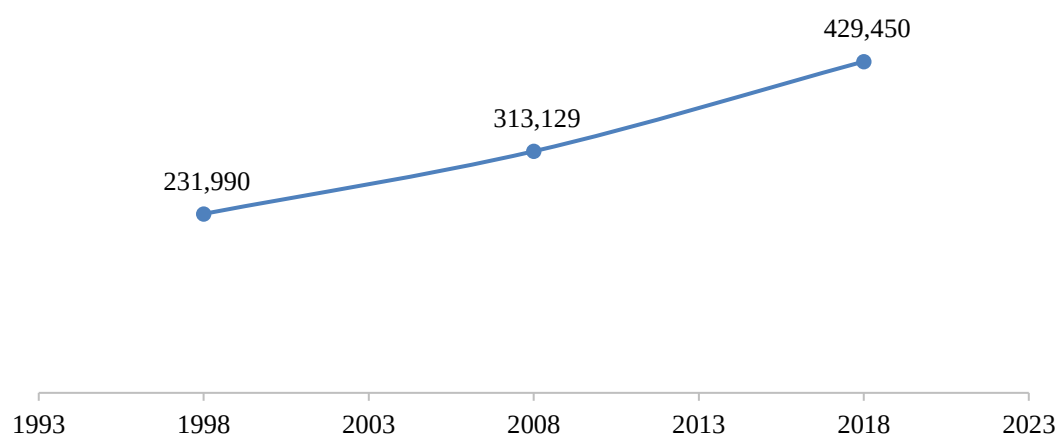
The 2018 Population and Housing Census enumerated a total of 17,563,749 persons in Malawi. Southern Region contributed 44.1 percent of the population (7,750,629 persons) while Phalombe district contributed 2.4 percent of the population of Malawi (429,450 persons) (Table 1.1).

Phalombe district had 207,006 males and 222,444 females, representing 48.2 percent and 51.8 percent of the total population, respectively. By computation the sex ratio for Phalombe is 93; meaning that for every 100 females there were 93 males. Table 1.1 further shows that TA Chiwalo had the highest sex ratio at 95 while TA Mkhumba had the lowest at 93.

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 Phalombe district, the annual intercensal growth rate has not changed (3.1 percent). The population of Phalombe has grown from 313,129 in 2008 to 429,450 in 2018 reflecting a population change of 81,139 persons, (Figure 1.1).

Figure 1.1: Population growth for Phalombe from 1998 to 2018



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

1.3 Population Distribution by Traditional Authority

Phalombe Boma had the population size of 6,242 persons representing 1.5 percent of Phalombe population. At traditional authority (TA) level, TA Mkhumba had the largest population size of 110,623 persons representing 25.8 percent of Phalombe population, whereas TA Nkhulambe had lower population of 40,313 persons representing 9.4 percent of Phalombe population, (Table 1.1).

Table 1.1: Population Distribution for Phalombe District, Malawi 2018

Area Name	Population Distribution						Sex Ratio
	Total	Percent	Male	percent	Female	Percent	
Phalombe District	429,450	100	207,006	100	222,444	100	93
TA Mkhumba	110,623	25.8	53,037	25.6	57,586	25.9	92
TA Jenala	88,237	20.5	42,744	20.6	45,493	20.5	94
TA Kaduya	79,357	18.5	38,178	18.4	41,179	18.5	93
TA Nazombe	60,745	14.1	29,369	14.2	31,376	14.1	94
TA Chiwalo	43,933	10.2	21,446	10.4	22,487	10.1	95
TA Nkhulambe	40,313	9.4	19,185	9.3	21,128	9.5	91
Phalombe Boma	6,242	1.5	3,047	1.5	3,195	1.4	95

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

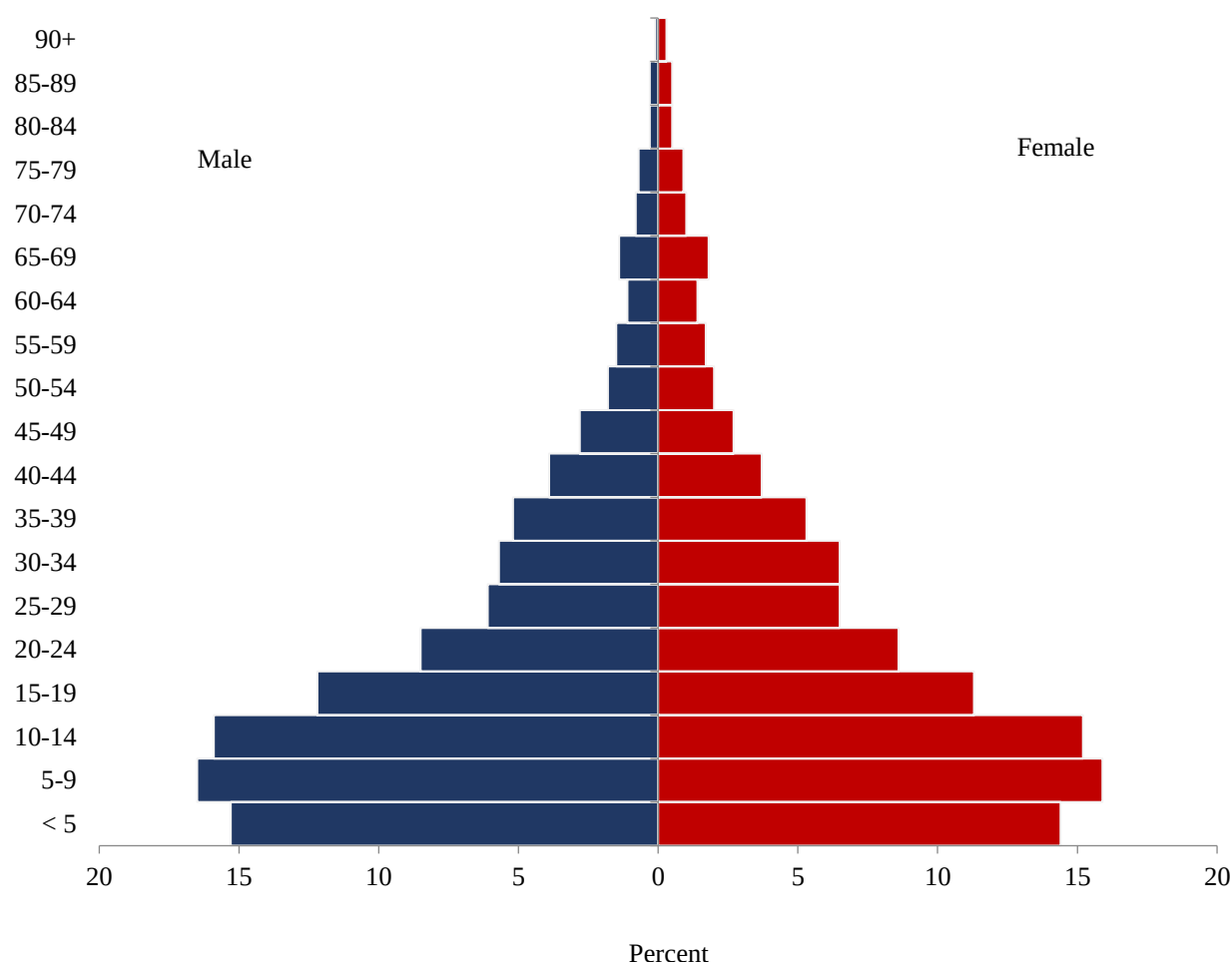
1.4 Age and Sex Distribution

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 Phalombe district had a younger population, characteristic of prevalence of high fertility, (Figure 1.2).

Figure 1.2: Population Pyramid of Phalombe 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 109,996 primary school going persons (age 6-13 years); 41,270 secondary school going (age 14-17 years); 212,303 youth aged 10-35 years; 99,129 women of childbearing age (15-49 years); 200,958 persons aged 18 years and older and 23,494 elderly population age 60 years and older.

TA Mkhumba had the highest number of children under 5 years (15,713) while Phalombe Boma had the least number of children under 5 years (772). There were 28,004 primary school going children and 10,641 secondary school going children in TA Mkhumba. Phalombe Boma had the least number of primary and secondary school going children, 1,371 and 626 respectively.

In terms of women of child bearing age (15-49 years), persons aged 18 years and older, youth aged 10-35 years and the elderly population (60 years +), TA Mkhumba had more numbers than the rest of the TAs in Phalombe district, (Table 1.2).

Table 1.2: Population Composition by Special Age Groups, Phalombe District, 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	891,805
Southern Region	1,144,132	1,853,206	737,219	1,883,831	3,734,519	3,778,805	412593
Phalombe District	63,642	109,996	41,270	99,129	212,303	200,958	23494
TA Mkhumba	15,713	28,004	10,641	26,028	54,597	52,842	6411
TA Nazombe	9,069	15,512	6,011	13,767	30,046	28,237	3543
TA Chiwalo	6,949	11,545	4,364	9,828	21,997	19,687	2041
TA Nkhulambe	5,836	10,228	3,783	9,563	20,033	19,210	2238
TA Jenala	14,133	23,228	8,198	19,602	42,384	39,721	4710
TA Kaduya	11,170	20,108	7,647	18,585	39,777	37,944	4371
Phalombe Boma	772	1,371	626	1,756	3,469	3,317	180

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 Phalombe district has increased from 225 persons per square kilometre in 2008, to 325 in 2018.

Phalombe Boma had the density of 1,818 persons per square kilometre. Among the TAs, TA Nkhulambe had the highest density of 464 persons per square kilometre, while TA Chiwalo was the least densely populated area with 211 persons per square kilometre, (Table 1.3).

Table 1.3: Population Density by TA, Phalombe District, Malawi 2018

Area Name	Population	Area Sq. Km.	Density
Malawi	17,563,749	94,552	186
Southern Region	7,750,629	31,780	244
Phalombe District	429,450	1323	325
TA Mkhumba	110,623	308	360
TA Nazombe	60,745	189	322
TA Chiwalo	43,933	208	211
TA Nkhulambe	40,313	87	464
TA Jenala	88,237	311	284
TA Kaduya	79,357	217	366
Phalombe Boma	6,242	3	1,818

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

1.7 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 Phalombe district was 4.3 in 2018. This means that on average a household in Phalombe had 4.3 members.

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

Phalombe Boma had the average household size of 4.1. Among the TAs of Phalombe, TA Nazombe and TA Jenala had the highest average household size of 4.5 while TA Chiwalo and TA Kaduya had the lowest average household size of 4.2, (Table 1.4).

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

Area Name	Population in Households			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
Phalombe District	429,052	293,947	135,105	98,848	63,360	35,488	4.3	4.6	3.8
TA Chiwalo	110,504	75,778	34,726	26,134	16,646	9,488	4.2	4.6	3.7
TA Mkhumba	88,136	50,637	37,499	19,993	10,841	9,152	4.4	4.7	4.1
TA Nkhulambe	79,295	57,496	21,799	18,312	12,379	5,933	4.3	4.6	3.7
TA Nazombe	60,678	44,329	16,349	13,614	9,368	4,246	4.5	4.7	3.9
TA Jenala	43,921	32,467	11,454	9,734	6,702	3,032	4.5	4.8	3.8
TA Kaduya	40,284	28,414	11,870	9,542	6,311	3,231	4.2	4.5	3.7
Phalombe Boma	6,234	4,826	1,408	1,519	1,113	406	4.1	4.3	3.5

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 population. The Crude birth rate for Phalombe district is 34 births per 1000 population which is higher than the rate for Malawi (33).

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 Phalombe district is estimated at 4.5 children per woman which is higher than the rate for Malawi (4.2) and lower than 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 population. For Phalombe district, the Crude death rate was at 6.4 deaths per 1000 population in 2018. The CDR for Phalombe district was higher than Malawi (6.3) and lower than Southern region (6.7).

The Infant Mortality Rate (IMR) measures the probability of dying before the first birthday. The IMR for Phalombe district was 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 Phalombe district was 42 deaths per 1000 live births, which is lower than U5MR for Malawi (44 deaths per 1000 live births), (Table 2.1).

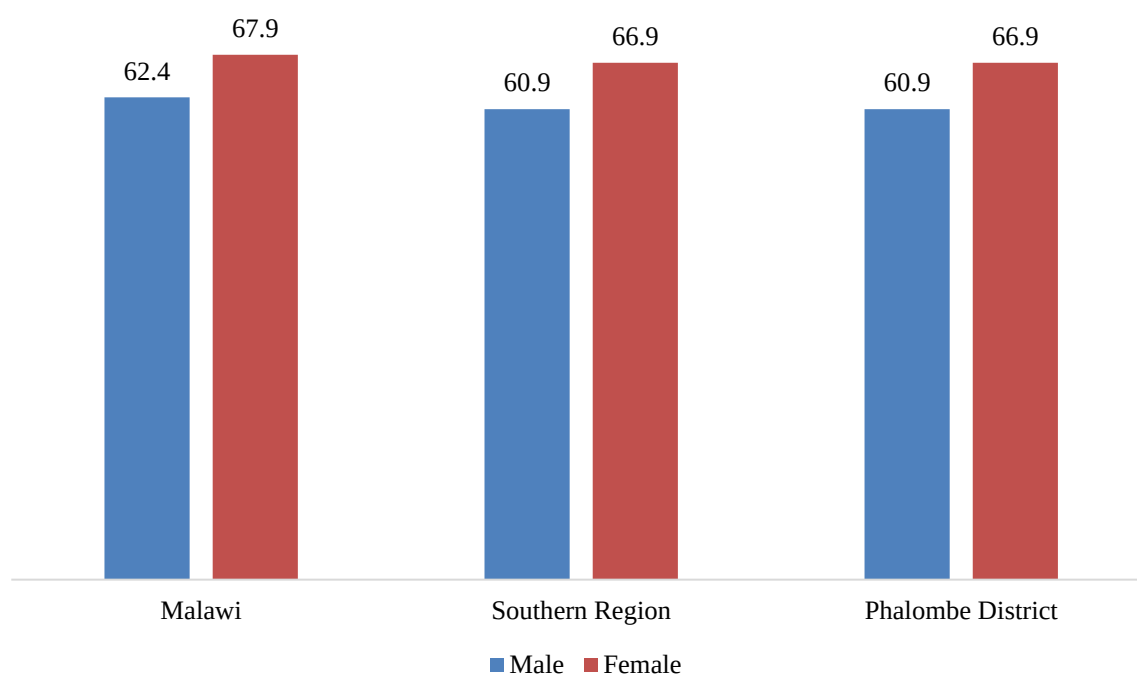
Life expectancy at birth is defined as the average number of years that a new born could expect to live if he or she were to pass through life subject to the age-specific mortality rates of a given period. At national level, life expectancy for males was 62.4 years and for females was 67.9 years; while for the Southern region life expectancy for males was 60.9 years and for females was 66.9 years which was the same as Phalombe district, (Figure 2.1).

Table 2.1: Selected Fertility and Mortality Indicators, Malawi 2018

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
Phalombe District	4.5	34	32	6.4	42

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

Figure 2.1: Life expectancy at Birth by Sex, Phalombe District, Malawi 2018



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

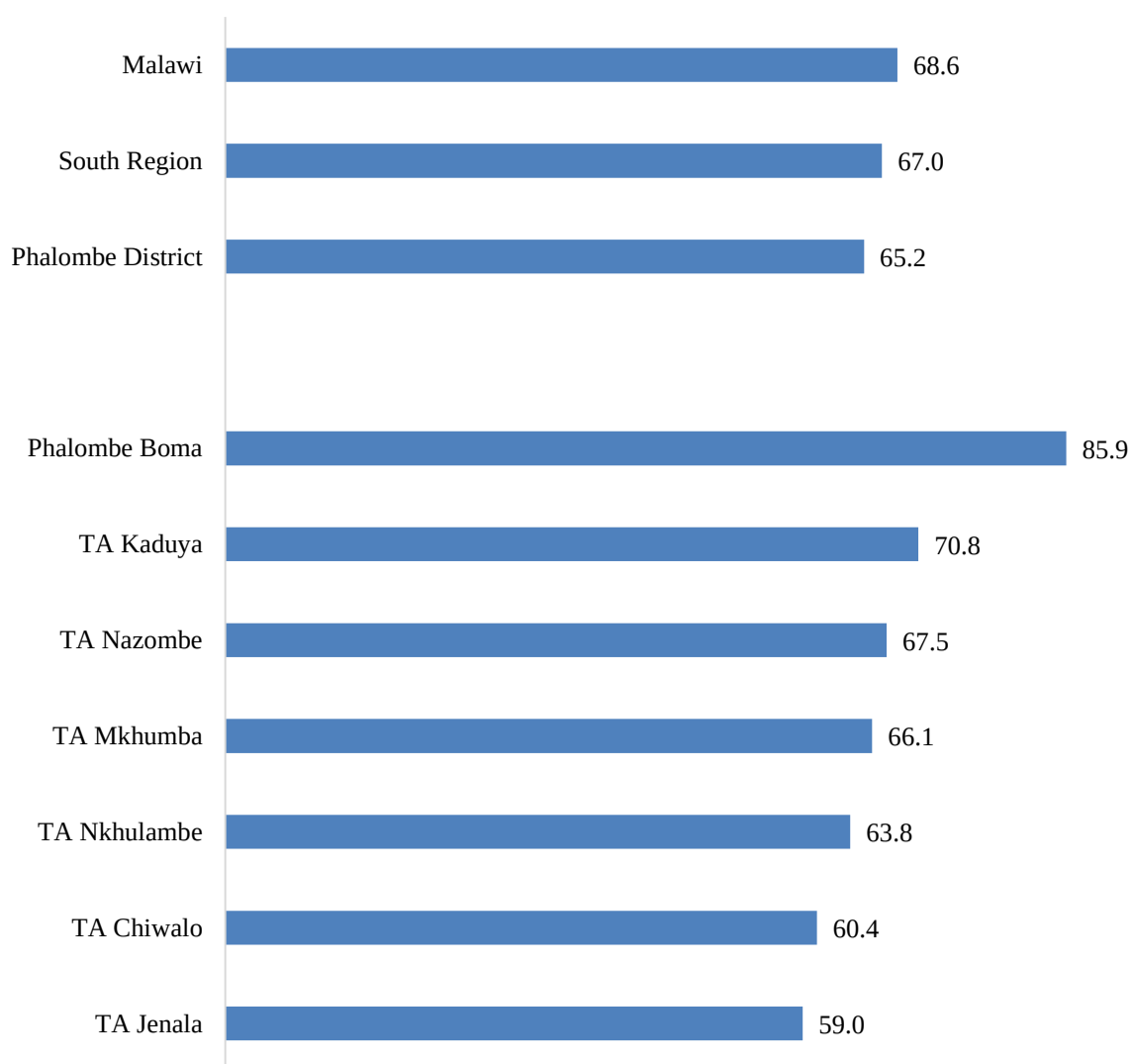
3 LITERACY AND EDUCATION

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 Phalombe district, 65.2 percent of the enumerated persons belonging to the age band of interest were reportedly literate (Figure 3.1).

Phalombe Boma had the highest literacy rate at 85.9 percent. Across the Traditional Authority, TA Kaduya had the highest literacy rate at 70.8 percent whereas TA Jenala had the lowest at 59.0 percent, (Figure 3.1).

Figure 3.1: Literacy Rates by TA, Phalombe District, Malawi 2018



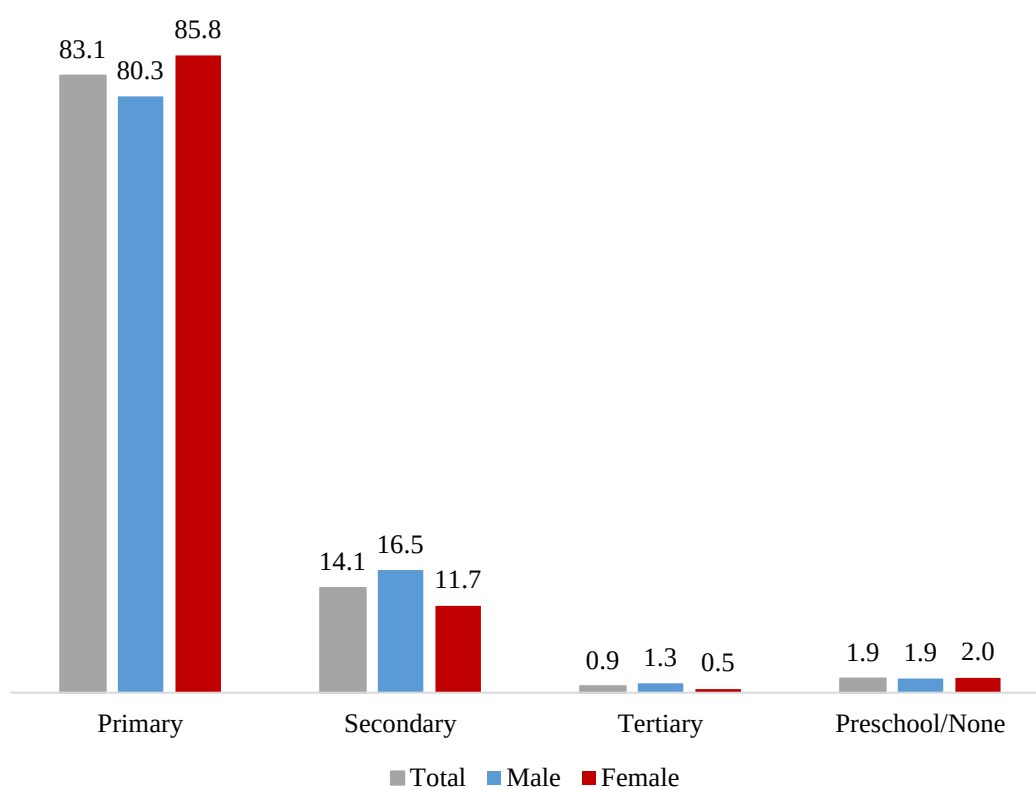
Source: National Statistical Office, 2018 Malawi Population and Housing Census

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 (83.1 percent). Those who had tertiary as their highest level of education were 0.9 percent, and 1.9 percent had never attended school.

In Phalombe district, a higher percentage of females (85.8 percent) had attended primary school as their highest level of education compared to males (80.3 percent). Further, 16.5 percent of males as compared to 11.7 percent of females had attended secondary school. Furthermore, 1.3 percent of males and 0.5 percent females had tertiary as their highest level of education, (Figure 3.2).

Figure 3.2: Highest Level of Education Attended, Phalombe District, Malawi 2018



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

4 EMPLOYED PERSONS 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 (86.2 percent). A similar pattern is reflected when the sex of the respondent is factored in, though the percentage is higher among females (92.5 percent) compared to their male counterparts (78.3 percent).

The Construction sector accounts for 1.7 percent of the employed persons, whilst wholesale and retail trade; repair of motor vehicles and motorcycles contributes 1.2 percent, (Table 4.1).

Table 4.1: Employed Persons Aged 15-64 Years by Industry and Sex, Phalombe District, Malawi 2018

Economic Activity Status	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	138151	100.0	61531	100	76620	100
Agriculture forestry and fishing	119047	86.2	48182	78.3	70865	92.5
Mining and quarrying	113	0.1	84	0.1	29	0.0
Manufacturing	681	0.5	438	0.7	243	0.3
Electricity gas steam and air conditioning supply	118	0.1	111	0.2	7	0.0
Water supply; sewerage waste management and remediation activities	67	0.0	44	0.1	23	0.0
Construction	2413	1.7	2163	3.5	250	0.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	1650	1.2	1260	2.0	390	0.5
Transportation and storage	488	0.4	463	0.8	25	0.0
Accommodation and food service activities	2006	1.5	851	1.4	1155	1.5
Information and communication	138	0.1	116	0.2	22	0.0
Financial and insurance activities	100	0.1	76	0.1	24	0.0
Real estate activities	70	0.1	56	0.1	14	0.0
Professional scientific and technical activities	446	0.3	363	0.6	83	0.1
Administrative and support service activities	100	0.1	73	0.1	27	0.0
Public administration and defense; compulsory social security	233	0.2	210	0.3	23	0.0
Education	1818	1.3	1290	2.1	528	0.7
Human health and social work activities	836	0.6	530	0.9	306	0.4
Arts entertainment and recreation	385	0.3	325	0.5	60	0.1
Other service activities	5812	4.2	3847	6.3	1965	2.6
Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use	1382	1.0	860	1.4	522	0.7
Activities of extraterritorial organizations and bodies	248	0.2	189	0.3	59	0.1

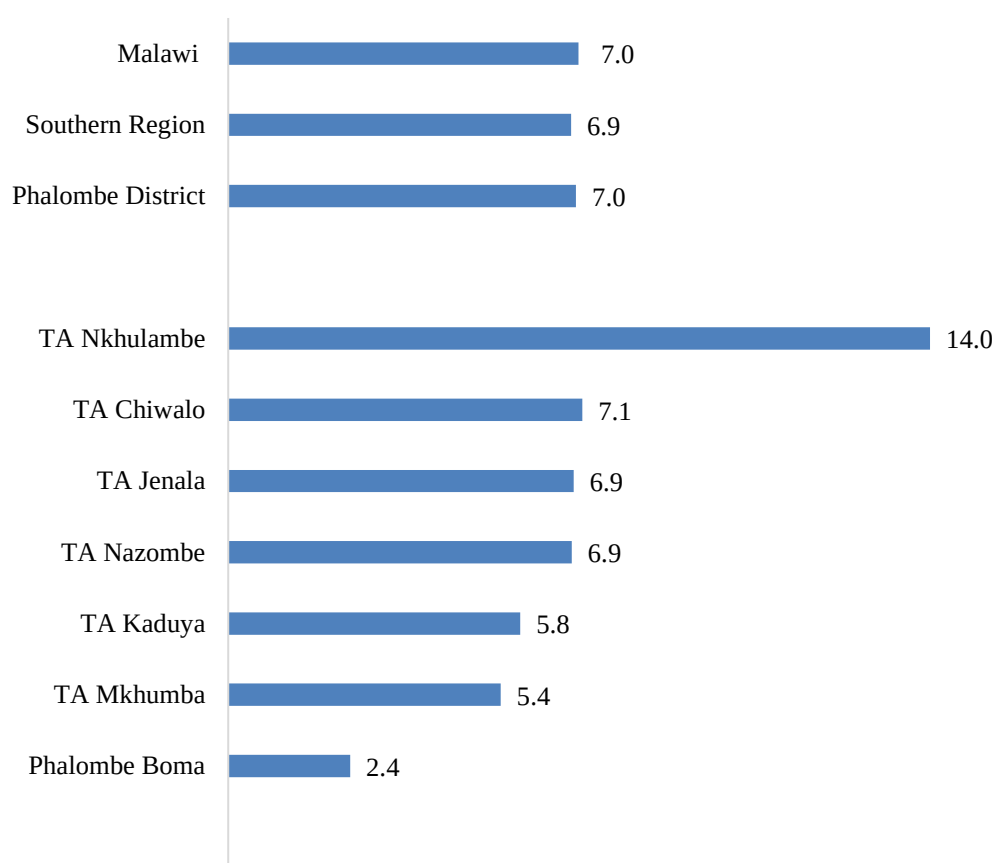
Source: National Statistical Office, 2018 Malawi Population and Housing Census

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 Phalombe district, 7.0 percent of households enumerated did not have access to toilet facility. This percentage contribution was the same with Malawi (7.0 percent) and higher than Southern region (6.9 percent). In terms of traditional authorities, TA Nkhulambe had the highest percentage of households with no toilet facility at 14.0 percent, followed by TA Chiwalo which had 7.1 percent, while TA Mkhumba had the least percentage of households with no toilet facility at 5.4 percent, (Figure 5.1).

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



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

6 ANNEX: STATISTICAL TABLES

Annex 1: Population Distribution by Age Group, Phalombe District, Malawi 2018

Area Name and Sex	Total	Age group														
		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+
Phalombe District	4 29,450	13,197	50,445	69,549	66,702	50,352	36,651	27,259	26,111	22,627	16,243	11,678	8,240	6,902	5,361	18,133
Male	207,006	6,593	24,998	34,191	32,998	25,182	17,535	12,728	11,752	10,763	8,119	5,713	3,770	3,095	2,225	7,344
Female	222,444	6,604	25,447	35,358	33,704	25,170	19,116	14,531	14,359	11,864	8,124	5,965	4,470	3,807	3,136	10,789
TA Mkhumba	110,623	3,349	12,364	17,511	17,136	12,957	9,264	7,048	6,829	6,018	4,442	3,199	2,238	1,857	1,464	4,947
Male	53,037	1,694	6,150	8,589	8,483	6,446	4,505	3,289	3,069	2,752	2,158	1,510	1,031	826	574	1,961
Female	57,586	1,655	6,214	8,922	8,653	6,511	4,759	3,759	3,760	3,266	2,284	1,689	1,207	1,031	890	2,986
TA Nazombe	60,745	1,800	7,269	9,752	9,492	7,285	5,086	3,915	3,611	3,065	2,145	1,614	1,165	1,003	827	2,716
Male	29,369	879	3,655	4,776	4,653	3,715	2,428	1,812	1,650	1,493	1,053	803	534	422	359	1,137
Female	31,376	921	3,614	4,976	4,839	3,570	2,658	2,103	1,961	1,572	1,092	811	631	581	468	1,579
TA Chiwalo	43,933	1,430	5,519	7,298	7,052	5,311	3,683	2,717	2,642	2,285	1,599	1,004	771	581	446	1,595
Male	21,446	737	2,734	3,664	3,469	2,681	1,753	1,276	1,214	1,120	856	513	349	268	187	625
Female	22,487	693	2,785	3,634	3,583	2,630	1,930	1,441	1,428	1,165	743	491	422	313	259	970
TA Nkhulambe	40,313	1,267	4,569	6,588	6,015	4,758	3,661	2,608	2,489	2,147	1,463	1,059	776	675	498	1,740
Male	19,185	634	2,205	3,132	2,984	2,365	1,672	1,205	1,096	1,043	736	505	349	308	206	745
Female	21,128	633	2,364	3,456	3,031	2,393	1,989	1,403	1,393	1,104	727	554	427	367	292	995
TA Jenala	88,237	2,914	11,219	15,029	13,679	9,910	7,347	5,258	5,134	4,441	3,310	2,417	1,541	1,328	1,041	3,669
Male	42,744	1,436	5,565	7,441	6,816	4,948	3,559	2,484	2,252	2,082	1,672	1,218	710	617	446	1,498
Female	45,493	1,478	5,654	7,588	6,863	4,962	3,788	2,774	2,882	2,359	1,638	1,199	831	711	595	2,171
TA Kaduya	79,357	2,288	8,882	12,548	12,452	9,318	6,995	5,166	4,884	4,257	3,002	2,206	1,617	1,371	1,019	3,352
Male	38,178	1,140	4,375	6,189	6,145	4,663	3,341	2,403	2,221	2,068	1,480	1,067	730	604	421	1,331
Female	41,179	1,148	4,507	6,359	6,307	4,655	3,654	2,763	2,663	2,189	1,522	1,139	887	767	598	2,021

Area Name and Sex	Total	Age group														
		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+
Phalombe Boma	6,242	149	623	823	876	813	615	547	522	414	282	179	132	87	66	114
Male	3,047	73	314	400	448	364	277	259	250	205	164	97	67	50	32	47
Female	3,195	76	309	423	428	449	338	288	272	209	118	82	65	37	34	67

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

Annex 2: Literacy Rate by Sex and TA, Phalombe District, Malawi 2018

Area Name	Population Age 5 Years and Older								
	Total			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
South 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
Phalombe District	365,808	175,415	190,393	238,571	120,968	117,603	65.2	69.0	61.8
TA Kaduya	68,187	32,663	35,524	48,255	24,213	24,042	70.8	74.1	67.7
TA Nazombe	51,676	24,835	26,841	34,896	17,869	17,027	67.5	72.0	63.4
TA Mkhumba	94,910	45,193	49,717	62,690	31,523	31,167	66.1	69.8	62.7
TA Nkhulambe	34,477	16,346	18,131	22,003	11,320	10,683	63.8	69.3	58.9
TA Chiwalo	36,984	17,975	19,009	22,341	11,295	11,046	60.4	62.8	58.1
TA Jenala	74,104	35,743	38,361	43,689	22,427	21,262	59.0	62.7	55.4
Phalombe Boma	5,470	2,660	2,810	4,697	2,321	2,376	85.9	87.3	84.6

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

Annex 3: Population Age 5 Years and Over by Highest Level of Education Attended, Sex and TA, Phalombe District, 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
Phalombe District	288,599	5,597	1.9	239,699	83.1	40,721	14.1	2,582	0.9
TA Mkhumba	75,361	1,362	1.8	61,649	81.8	11,767	15.6	583	0.8
TA Kaduya	57,257	1,109	1.9	46,362	81.0	9,158	16.0	628	1.1
TA Jenala	54,054	1,110	2.1	46,697	86.4	5,970	11.0	277	0.5
TA Nazombe	41,431	1,080	2.6	34,225	82.6	5,777	13.9	349	0.8
TA Chiwalo	27,831	391	1.4	24,517	88.1	2,804	10.1	119	0.4
TA Nkhulambe	27,758	490	1.8	23,680	85.3	3,414	12.3	174	0.6
Phalombe Boma	4,907	55	1.1	2,569	52.4	1,831	37.3	452	9.2

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

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

Area Name	Orphans		
	Total	Male	Female
Malawi	978,293	482,640	495,653
Southern Region	474,882	235,488	239,394
Phalombe District	27,580	13,811	13,769
TA Mkhumba	6,827	3,358	3,469
TA Nazombe	4,466	2,257	2,209
TA Chiwalo	2,994	1,513	1,481
TA Nkhulambe	2,849	1,389	1,460
TA Jenala	4,916	2,503	2,413
TA Kaduya	5,154	2,604	2,550
Phalombe Boma	374	187	187

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

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

Area Name and Age group	Population			Population with National ID			Percent		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Phalombe District	218,480	102,400	116,080	200,892	92,363	108,529	91.9	90.2	93.5
16-19	39,275	19,356	19,919	28,776	13,542	15,234	73.3	70.0	76.5
20-24	36,651	17,535	19,116	34,561	16,242	18,319	94.3	92.6	95.8
25-29	27,259	12,728	14,531	26,108	11,994	14,114	95.8	94.2	97.1
30-34	26,111	11,752	14,359	25,163	11,163	14,000	96.4	95.0	97.5
35-39	22,627	10,763	11,864	21,813	10,220	11,593	96.4	95.0	97.7
40-44	16,243	8,119	8,124	15,731	7,789	7,942	96.8	95.9	97.8
45-49	11,678	5,713	5,965	11,316	5,476	5,840	96.9	95.9	97.9
50-54	8,240	3,770	4,470	8,035	3,650	4,385	97.5	96.8	98.1
55-59	6,902	3,095	3,807	6,775	3,033	3,742	98.2	98.0	98.3
60-64	5,361	2,225	3,136	5,223	2,161	3,062	97.4	97.1	97.6
65+	18,133	7,344	10,789	17,391	7,093	10,298	95.9	96.6	95.4
TA Mkhumba	57,448	26,634	30,814	53,072	24,135	28,937	92.4	90.6	93.9
16-19	10,142	4,959	5,183	7,516	3,519	3,997	74.1	71.0	77.1
20-24	9,264	4,505	4,759	8,777	4,196	4,581	94.7	93.1	96.3
25-29	7,048	3,289	3,759	6,771	3,102	3,669	96.1	94.3	97.6
30-34	6,829	3,069	3,760	6,593	2,923	3,670	96.5	95.2	97.6
35-39	6,018	2,752	3,266	5,814	2,617	3,197	96.6	95.1	97.9
40-44	4,442	2,158	2,284	4,301	2,068	2,233	96.8	95.8	97.8
45-49	3,199	1,510	1,689	3,105	1,452	1,653	97.1	96.2	97.9
50-54	2,238	1,031	1,207	2,191	1,004	1,187	97.9	97.4	98.3
55-59	1,857	826	1,031	1,823	805	1,018	98.2	97.5	98.7
60-64	1,464	574	890	1,423	554	869	97.2	96.5	97.6
65+	4,947	1,961	2,986	4,758	1,895	2,863	96.2	96.6	95.9
TA Nazombe	30,835	14,541	16,294	28,344	13,157	15,187	91.9	90.5	93.2
16-19	5,688	2,850	2,838	4,143	1,995	2,148	72.8	70.0	75.7
20-24	5,086	2,428	2,658	4,809	2,259	2,550	94.6	93.0	95.9
25-29	3,915	1,812	2,103	3,768	1,734	2,034	96.2	95.7	96.7
30-34	3,611	1,650	1,961	3,488	1,572	1,916	96.6	95.3	97.7
35-39	3,065	1,493	1,572	2,965	1,431	1,534	96.7	95.8	97.6
40-44	2,145	1,053	1,092	2,078	1,012	1,066	96.9	96.1	97.6
45-49	1,614	803	811	1,558	768	790	96.5	95.6	97.4
50-54	1,165	534	631	1,136	513	623	97.5	96.1	98.7
55-59	1,003	422	581	993	420	573	99.0	99.5	98.6
60-64	827	359	468	814	354	460	98.4	98.6	98.3
65+	2,716	1,137	1,579	2,592	1,099	1,493	95.4	96.7	94.6

Area Name and Age group	Population			Population with National ID			Percent		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
TA Chiwalo	21,481	10,231		19,526	9,073	10,453	90.9	88.7	92.9
16-19	4,158	2,070	2,088	3,056	1,427	1,629	73.5	68.9	78.0
20-24	3,683	1,753	1,930	3,428	1,590	1,838	93.1	90.7	95.2
25-29	2,717	1,276	1,441	2,586	1,187	1,399	95.2	93.0	97.1
30-34	2,642	1,214	1,428	2,515	1,138	1,377	95.2	93.7	96.4
35-39	2,285	1,120	1,165	2,183	1,057	1,126	95.5	94.4	96.7
40-44	1,599	856	743	1,535	812	723	96.0	94.9	97.3
45-49	1,004	513	491	966	486	480	96.2	94.7	97.8
50-54	771	349	422	744	332	412	96.5	95.1	97.6
55-59	581	268	313	563	262	301	96.9	97.8	96.2
60-64	446	187	259	426	178	248	95.5	95.2	95.8
65+	1,595	625	970	1,524	604	920	95.5	96.6	94.8
TA Nkhulambe	20,865	9,690	11,175	19,260	8,758	10,502	92.3	90.4	94.0
16-19	3,749	1,825	1,924	2,838	1,314	1,524	75.7	72.0	79.2
20-24	3,661	1,672	1,989	3,452	1,549	1,903	94.3	92.6	95.7
25-29	2,608	1,205	1,403	2,484	1,122	1,362	95.2	93.1	97.1
30-34	2,489	1,096	1,393	2,390	1,034	1,356	96.0	94.3	97.3
35-39	2,147	1,043	1,104	2,064	982	1,082	96.1	94.2	98.0
40-44	1,463	736	727	1,422	712	710	97.2	96.7	97.7
45-49	1,059	505	554	1,031	488	543	97.4	96.6	98.0
50-54	776	349	427	752	335	417	96.9	96.0	97.7
55-59	675	308	367	663	301	362	98.2	97.7	98.6
60-64	498	206	292	487	201	286	97.8	97.6	97.9
65+	1,740	745	995	1,677	720	957	96.4	96.6	96.2
TA Jenala	43,117	20,307	22,810	39,347	18,124	21,223	91.3	89.3	93.0
16-19	7,631	3,769	3,862	5,409	2,532	2,877	70.9	67.2	74.5
20-24	7,347	3,559	3,788	6,914	3,285	3,629	94.1	92.3	95.8
25-29	5,258	2,484	2,774	5,002	2,313	2,689	95.1	93.1	96.9
30-34	5,134	2,252	2,882	4,949	2,134	2,815	96.4	94.8	97.7
35-39	4,441	2,082	2,359	4,260	1,958	2,302	95.9	94.0	97.6
40-44	3,310	1,672	1,638	3,188	1,594	1,594	96.3	95.3	97.3
45-49	2,417	1,218	1,199	2,329	1,157	1,172	96.4	95.0	97.7
50-54	1,541	710	831	1,499	685	814	97.3	96.5	98.0
55-59	1,328	617	711	1,294	598	696	97.4	96.9	97.9
60-64	1,041	446	595	1,006	428	578	96.6	96.0	97.1
65+	3,669	1,498	2,171	3,497	1,440	2,057	95.3	96.1	94.7

Area Name and Age group	Population			Population with National ID			Percent		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
TA Kaduya	41,121	19,246	21,875	37,994	17,511	20,483	92.4	91.0	93.6
16-19	7,252	3,580	3,672	5,326	2,534	2,792	73.4	70.8	76.0
20-24	6,995	3,341	3,654	6,601	3,103	3,498	94.4	92.9	95.7
25-29	5,166	2,403	2,763	4,964	2,288	2,676	96.1	95.2	96.9
30-34	4,884	2,221	2,663	4,722	2,125	2,597	96.7	95.7	97.5
35-39	4,257	2,068	2,189	4,124	1,980	2,144	96.9	95.7	97.9
40-44	3,002	1,480	1,522	2,935	1,435	1,500	97.8	97.0	98.6
45-49	2,206	1,067	1,139	2,149	1,028	1,121	97.4	96.3	98.4
50-54	1,617	730	887	1,584	716	868	98.0	98.1	97.9
55-59	1,371	604	767	1,356	600	756	98.9	99.3	98.6
60-64	1,019	421	598	1,001	414	587	98.2	98.3	98.2
65+	3,352	1,331	2,021	3,232	1,288	1,944	96.4	96.8	96.2
Phalombe Boma	3,613	1,751	1,862	3,349	1,605	1,744	92.7	91.7	93.7
16-19	655	303	352	488	221	267	74.5	72.9	75.9
20-24	615	277	338	580	260	320	94.3	93.9	94.7
25-29	547	259	288	533	248	285	97.4	95.8	99.0
30-34	522	250	272	506	237	269	96.9	94.8	98.9
35-39	414	205	209	403	195	208	97.3	95.1	99.5
40-44	282	164	118	272	156	116	96.5	95.1	98.3
45-49	179	97	82	178	97	81	99.4	100.0	98.8
50-54	132	67	65	129	65	64	97.7	97.0	98.5
55-59	87	50	37	83	47	36	95.4	94.0	97.3
60-64	66	32	34	66	32	34	100.0	100.0	100.0
65+	114	47	67	111	47	64	97.4	100.0	95.5

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, Phalombe District, 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
Phalombe District	1.0	5.3	16.1	2.9	1.3	66.7	0.6	5.3	0.1	0.4	0.2
TA Mkhumba	1.3	7.6	28.0	5.4	2.5	50.0	0.5	3.5	0.0	0.9	0.1
TA Nazombe	1.4	5.2	21.0	1.8	1.3	64.3	2.0	2.7	0.0	0.3	0.1
TA Chiwalo	0.0	0.0	1.5	1.4	0.1	94.7	0.3	1.8	0.0	0.1	0.0
TA Nkhulambe	0.9	5.3	22.9	3.8	2.0	58.4	0.7	3.4	0.8	0.6	1.1
TA Jenala	0.0	0.7	0.9	2.3	0.6	87.9	0.1	7.1	0.0	0.4	0.0
TA Kaduya	0.9	7.3	15.1	1.5	0.6	63.0	0.3	10.8	0.0	0.0	0.3
Phalombe Boma	12.4	39.2	29.3	0.9	0.2	13.1	2.2	0.2	0.0	0.0	2.6

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

**Annex 7: Percentage of Household by Main Source of Energy for Lighting and TA,
Phalombe District, 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
Phalombe District	3.0	3.4	70.7	1.1	2.2	5.8	0.8	12.9
TA Mkhumba	1.6	3.9	77.9	1.7	2.7	4.8	0.6	6.7
TA Nazombe	3.0	2.8	63.2	1.0	4.2	8.4	1.1	16.3
TA Chiwalo	1.6	1.6	81.9	1.1	2.1	1.7	1.0	8.9
TA Nkhulambe	2.3	3.7	69.2	0.7	1.5	10.3	0.9	11.5
TA Jenala	1.7	2.1	81.5	0.6	1.3	5.2	1.0	6.6
TA Kaduya	4.4	5.3	52.8	1.0	1.5	6.0	0.7	28.3
Phalombe Boma	42.2	2.2	27.3	0.5	3.3	1.2	0.1	23.2

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

**Annex 8: Percentage of Household by Main Source of Energy for Cooking and TA,
Phalombe District, 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
Phalombe District	0.5	0.3	0.2	6.0	89.1	3.5	0.0	0.4
TA Mkhumba	0.1	0.2	0.1	2.3	93.7	3.3	0.0	0.2
TA Nazombe	0.2	0.1	0.1	8.3	87.0	3.8	0.0	0.5
TA Chiwalo	0.0	0.1	0.1	5.8	93.1	0.7	0.0	0.2
TA Nkhulambe	3.3	0.4	0.6	4.4	89.8	0.8	-	0.8
TA Jenala	0.1	0.2	0.1	4.9	89.2	5.2	0.0	0.3
TA Kaduya	0.1	0.5	0.2	8.5	84.9	5.1	0.0	0.7
Phalombe Boma	3.9	0.2	-	46.0	49.0	0.1	0.1	0.7

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

Annex 8: Percentage of Household by Type of Toilet and TA, Phalombe District, 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
Phalombe District	0.3	0.9	3.7	46.4	34.9	5.2	1.6	7.0
TA Mkhumba	0.3	1.2	1.9	56.6	30.7	2.5	1.4	5.4
TA Nazombe	0.1	2.5	2.6	48.7	27.0	10.8	1.3	6.9
TA Chiwalo	0.0	0.1	0.9	52.0	38.3	0.1	1.5	7.1
TA Nkhulambe	0.1	0.1	2.0	41.9	33.5	7.0	1.4	14.0
TA Jenala	0.0	0.5	6.6	26.9	52.1	4.7	2.3	6.9
TA Kaduya	0.3	0.8	4.9	53.0	27.0	6.7	1.5	5.8
Phalombe Boma	9.2	1.0	19.0	21.9	33.8	11.9	0.8	2.4

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

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