

SPECIAL RELEASE

Age and Sex Distribution in the Municipality of MacArthur (2020 Census and Population and Housing)

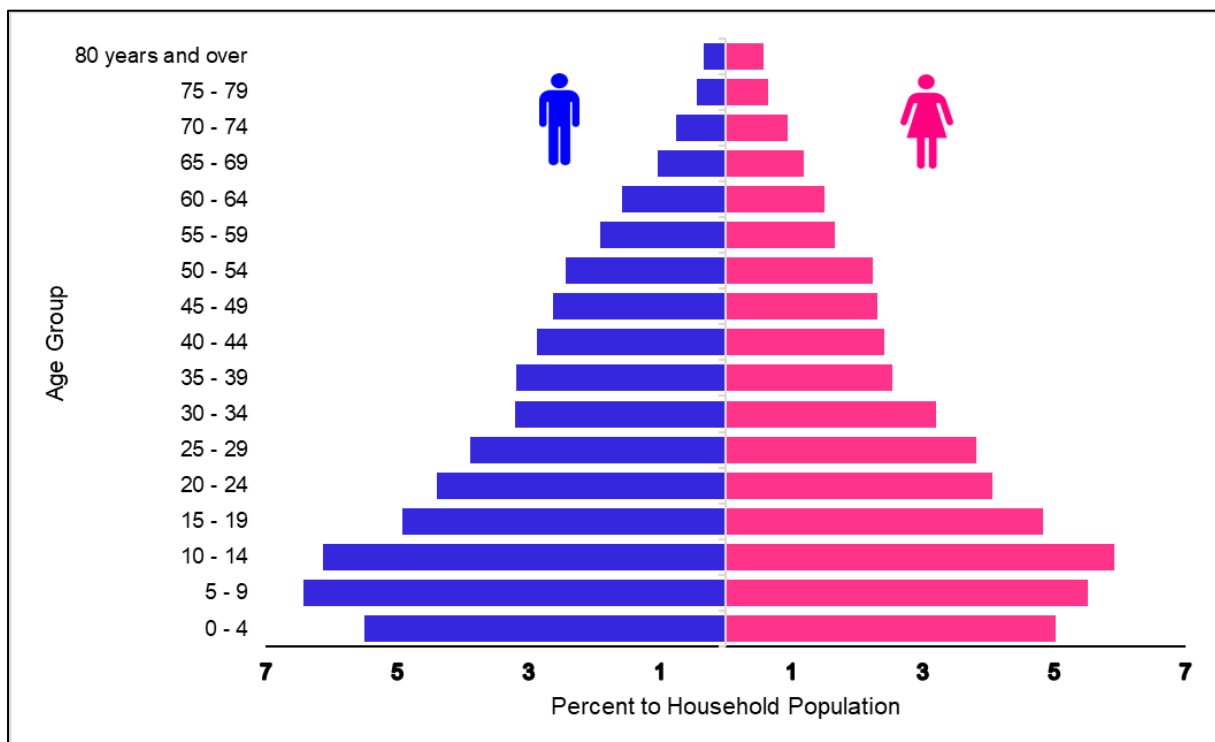
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The municipality of MacArthur, Leyte had a total population of 21,578 persons based on the 2020 Census of Population and Housing (2020 CPH). The household population of 21,526 persons comprised 99.8 percent of the total population recorded as of the time of census-taking.

Of the 21,526 household population in MacArthur, Leyte, 11,104 (51.6%) were males while 10,422 (48.4%) were females. By age group, 7,427 (34.5%) were under 15 years of age (young dependents). On the other hand, persons aged 15 to 64 years (working-age or economically-active population) totaled to 12,829 (59.6%) while those in age groups 65 years and over (old dependents) comprised the remaining 1,270 (5.9%). In 2015, persons aged 0 to 14 years, 15 to 64 years, and 65 years and over accounted for 36.2 percent, 58.5 percent, and 5.3 percent, respectively, of the household population.

Figure 1. Age-Sex Population Pyramid of MacArthur, Leyte: 2020



Source: Philippine Statistics Authority, 2020 Census of Population and Housing

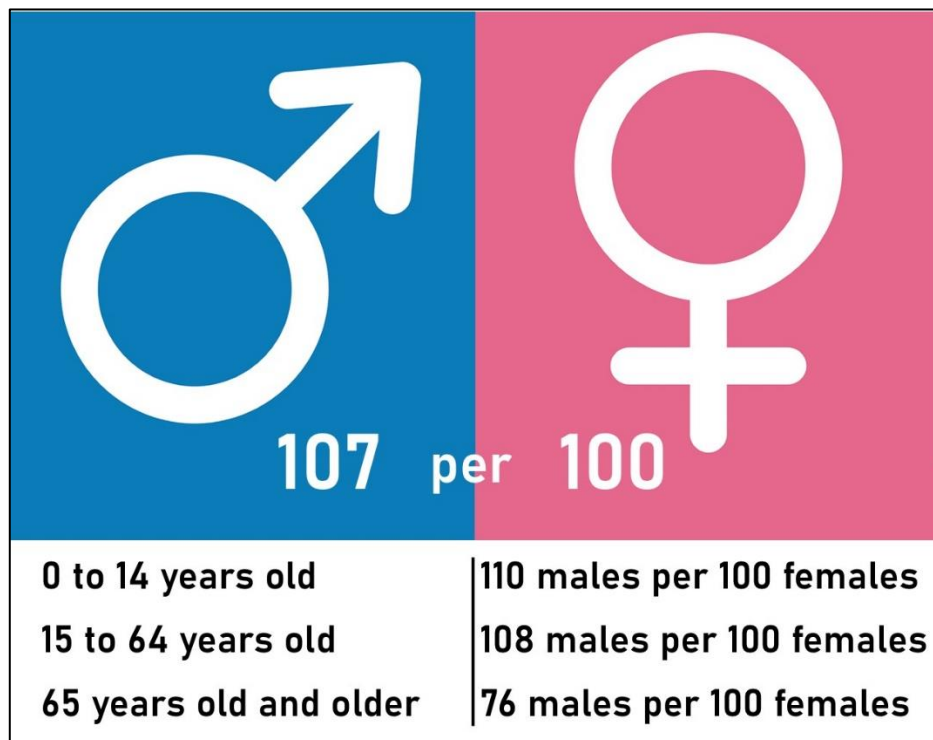
Moreover, there were more males (47.5%) than females (43.5%) among the 0 to 59 age group. However, among the older age group (60 years and over), females (4.9%) outnumbered the males (4.1%). The same trend was also observed in 2015.

Sex ratio stands at 107 males per 100 females

The sex ratio in MacArthur, Leyte was computed at 107 in 2020. This means that there were 107 males for every 100 females. The sex ratio in 2015 was also computed at 107 males per 100 females.

In 2020, children aged below 15 years had a sex ratio of 110 males per 100 females. On the other hand, those aged 15 to 64 years had a sex ratio of 108 males per 100 females. Moreover, among those aged 65 years and over, the sex ratio was 76 males per 100 females. This depicts a longer life expectancy among females than males or a higher mortality rate among males than females in the older age groups.

Figure 2. Sex Ratio by Selected Age Group, MacArthur, Leyte: 2020



Source: Philippine Statistics Authority, 2020 Census of Population and Housing

There were more males than females in children under five years old

The sex ratio for children under five years old in 2020 was 109 males per 100 females, lower than the 2015 ratio of 118 males per 100 females. Additionally, children under five comprised 10.5 percent (2,265 persons) of the household population in 2020, a decrease from 12.5 percent (2,660 persons) in 2015.



Table 1. Number and Percent to All Ages of Household Population and Sex by Age Group, MacArthur, Leyte: 2020 and 2015

Age Group and Year	Number			Percent to All Ages			Sex Ratio
	Both Sexes	Male	Female	Both Sexes	Male	Female	
2020							
All Ages	21,526	11,104	10,422	100.0	100.0	100.0	107
0 - 4	2,265	1,183	1,082	10.5	10.7	10.4	109
5 - 9	2,568	1,382	1,186	11.9	12.4	11.4	117
10 - 14	2,594	1,320	1,274	12.1	11.9	12.2	104
15 - 19	2,102	1,060	1,042	9.8	9.5	10.0	102
20 - 24	1,821	946	875	8.5	8.5	8.4	108
25 - 29	1,657	835	822	7.7	7.5	7.9	102
30 - 34	1,380	690	690	6.4	6.2	6.6	100
35 - 39	1,231	685	546	5.7	6.2	5.2	125
40 - 44	1,138	617	521	5.3	5.6	5.0	118
45 - 49	1,063	566	497	4.9	5.1	4.8	114
50 - 54	1,006	524	482	4.7	4.7	4.6	109
55 - 59	767	409	358	3.6	3.7	3.4	114
60 - 64	664	339	325	3.1	3.1	3.1	104
65 - 69	476	221	255	2.2	2.0	2.4	87
70 - 74	364	162	202	1.7	1.5	1.9	80
75 - 79	232	93	139	1.1	0.8	1.3	67
80 years and over	198	72	126	0.9	0.6	1.2	57
2015							
All Ages	21,211	10,967	10,244	100.0	100.0	100.0	107
0-4	2,660	1,438	1,222	12.5	13.1	11.9	118
5 - 9	2,684	1,364	1,320	12.7	12.4	12.9	103
10 - 14	2,343	1,218	1,125	11.0	11.1	11.0	108
15 - 19	2,193	1,169	1,024	10.3	10.7	10.0	114
20 - 24	1,912	964	948	9.0	8.8	9.3	102
25 - 29	1,530	793	737	7.2	7.2	7.2	108
30 - 34	1,300	687	613	6.1	6.3	6.0	112
35 - 39	1,208	637	571	5.7	5.8	5.6	112
40 - 44	1,100	601	499	5.2	5.5	4.9	120
45 - 49	1,055	549	506	5.0	5.0	4.9	108
50 - 54	853	445	408	4.0	4.1	4.0	109
55 - 59	703	364	339	3.3	3.3	3.3	107
60 - 64	546	276	270	2.6	2.5	2.6	102
65 - 69	446	210	236	2.1	1.9	2.3	89
70 - 74	313	134	179	1.5	1.2	1.7	75
75 - 79	183	69	114	0.9	0.6	1.1	61
80 years and over	182	49	133	0.9	0.4	1.3	37

Sources: Philippine Statistics Authority, 2020 Census of Population and Housing and 2015 Census of Population

Note: Details may not add up to total due to rounding

Median age measures at 22.7 years

The median age of MacArthur, Leyte household population continues to increase during the past three censuses. In 2020, the median age was computed at 22.7 years, which means that half of the household population was younger than 22.7 years, while the other half is older than 22.7 years. This is higher than the median ages of 21.5 and 20.5 years that was posted in 2015 and 2010, respectively.

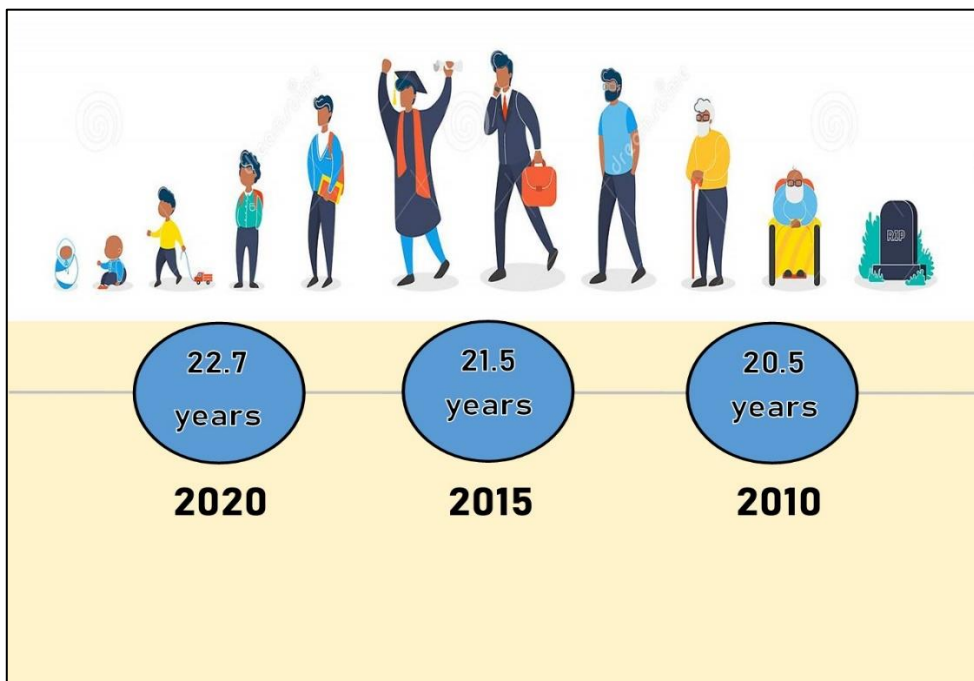


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Figure 3. Median Age, MacArthur, Leyte: 2010, 2015, and 2020



Sources: Philippine Statistics Authority, 2010 and 2020 Census of Population and Housing and 2015 Census of Population

Dependency ratio decreases to 68 dependents per 100 persons in the working-age group

The 2020 overall dependency ratio of MacArthur, Leyte was computed at 68, which indicates that for every 100 working-age or economically-active population, there were about 68 dependents (58 young dependents and 10 old dependents). This is lower than the dependency ratio in 2015 at 71 dependents per 100 working-age population (62 young dependents and 9 old dependents).

Table 2. Age dependency Ratio of the Household Population by Sex, MacArthur, Leyte: 2015 and 2020

Dependency	2020			2015		
	Both Sexes	Male	Female	Both Sexes	Male	Female
Overall	68	66	69	71	69	73
Young	58	58	58	62	62	62
Old	10	8	12	9	7	11

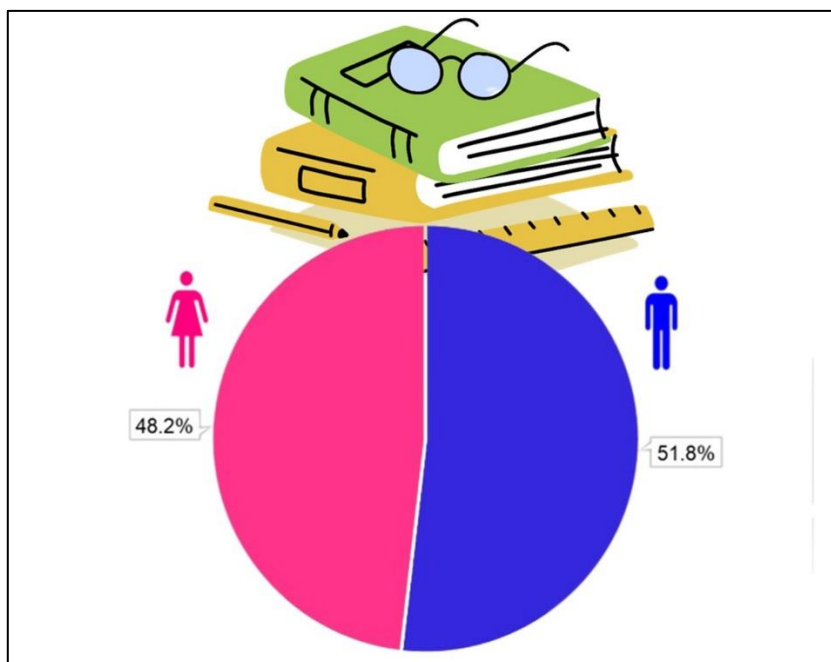
Sources: Philippine Statistics Authority, 2020 Census of Population and Housing and 2015 Census of Population

Note: Details may not add up to total due to rounding

Two in every five household population are of school age

In 2020, the school-age population (5 to 24 years old) accounted for 9,085 (42.2%) of the household population which is lower compared to the 9,132 (43.0%) school-age population that was reported in 2015. Moreover, there were more males (51.8%) than females (48.2%) of the school-age population in 2020.

Figure 4. Percentage Distribution of School-age Population 5 to 24 Years Old by Sex, MacArthur, Leyte: 2020

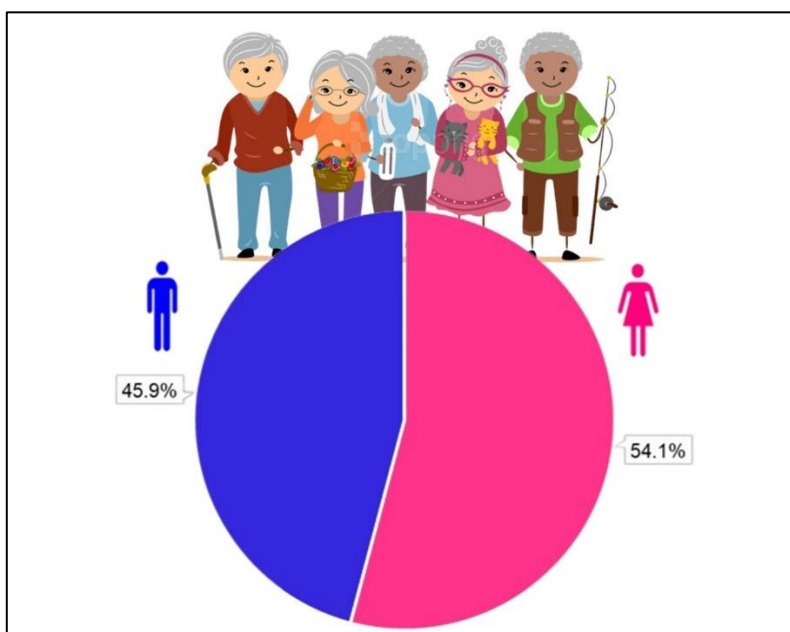


Source: Philippine Statistics Authority, 2020 Census of Population and Housing

Senior citizens accounts for 9.0 percent of the household population

In MacArthur, Leyte, people aged 60 years old and over are regarded as senior citizens, made up 9.0 percent (1,934 persons) of the household population in 2020, higher than the 7.9 percent (1,670 persons) recorded in 2015. There were more females (54.1%) than males (45.9%) among the senior citizens in 2020. The same trend was observed in 2015.

Figure 5. Percentage Distribution of Senior Citizens by Sex, MacArthur, Leyte: 2020



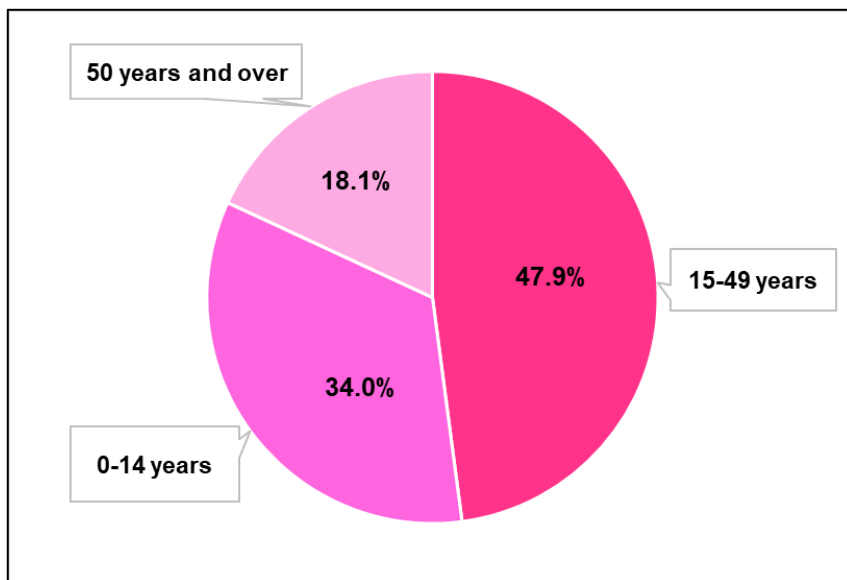
Source: Philippine Statistics Authority, 2020 Census of Population and Housing



Nearly half of the female population are of reproductive age

Women of reproductive age (15 to 49 years old) totaled to 4,993 or 47.9 percent of the 10,422 female household population in 2020. This percentage was higher compared to the 47.8 percent or 4,898 females posted in 2015.

Figure 6. Percentage Distribution of Women by Selected Age Group, MacArthur, Leyte: 2020

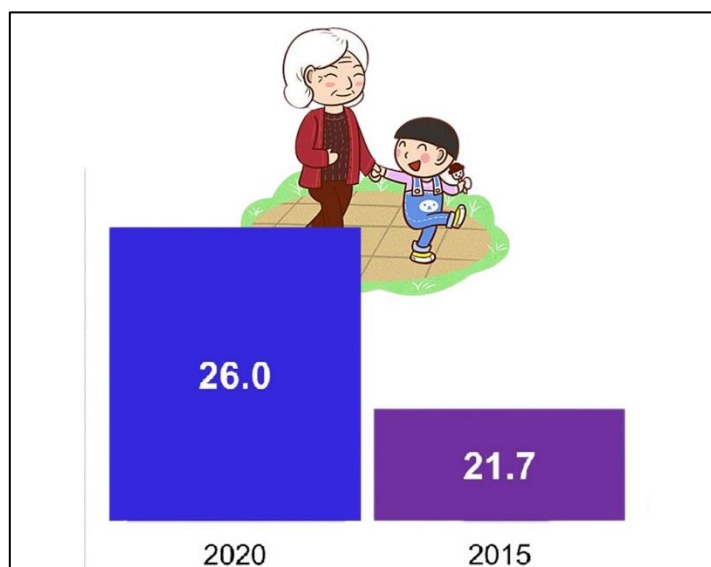


Source: Philippine Statistics Authority, 2020 Census of Population and Housing

Aging index is higher by 4.3 percentage points from 21.7 in 2015 to 26.0 in 2020

In MacArthur, Leyte, the aging index or the proportion of persons aged 60 years and over per 100 persons under the age of 15 years was computed at 26.0 percent in 2020. This means that there is about one (1) person aged 60 years and over for every four (4) children under 15 years old. The aging index was lower in 2015 at 21.7 percent.

Figure 7. Aging Index, MacArthur, Leyte: 2020 and 2015



Sources: Philippine Statistics Authority, 2020 Census of Population and Housing and 2015 Census of Population



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TECHNICAL NOTES

The Philippine Statistics Authority conducted the 2020 Census of Population and Housing (2020 CPH) in September 2020, with 01 May 2020 as reference date.

The 2020 CPH was the 15th census of population and 7th census of housing that was undertaken in the Philippines since the first census in 1903. It was designed to take inventory of the total population and housing units in the country and collect information about their characteristics.

The Philippine Standard Geographic Codes as of April 2022 was used for the disaggregation of geographic levels of the 2020 CPH.

Age refers to the interval of time between the person's date of birth and his/her last birthday prior to the census reference date. It is expressed in completed years or whole number.

Aging index is calculated as the number of persons 60 years old and over per one hundred persons under the age of 15 years.

Aging of population is a process in which the proportions of adults and elderly increase in a population, while the proportions of children and adolescents decrease. This process results in a rise in the median age of the population. Aging occurs when fertility rates decline while life expectancy remains constant or improves at the older ages.

Household is a social unit consisting of person or a group of persons who sleep in the same housing unit and have a common arrangement in the preparation and consumption of food.

Household population refers to all persons who are members of the household.

Median age is the age that divides the population into two numerically equal groups; that is, half of the population are younger than this age and the other half are older.

Overall dependency ratio is the number of persons under 15 years old (young dependents) and persons aged 65 and older (old dependents) per one hundred persons 15 to 64 years old (working-age or economically-productive group) in a population.

Population pyramid is a bar chart, arranged vertically, that shows the distribution of a population by age and sex. By convention, the younger ages are at the bottom, with males on the left and females on the right.

Sex is the biological and physiological reality of being a male or female.

Sex ratio is the number of males per one hundred females in a population.


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