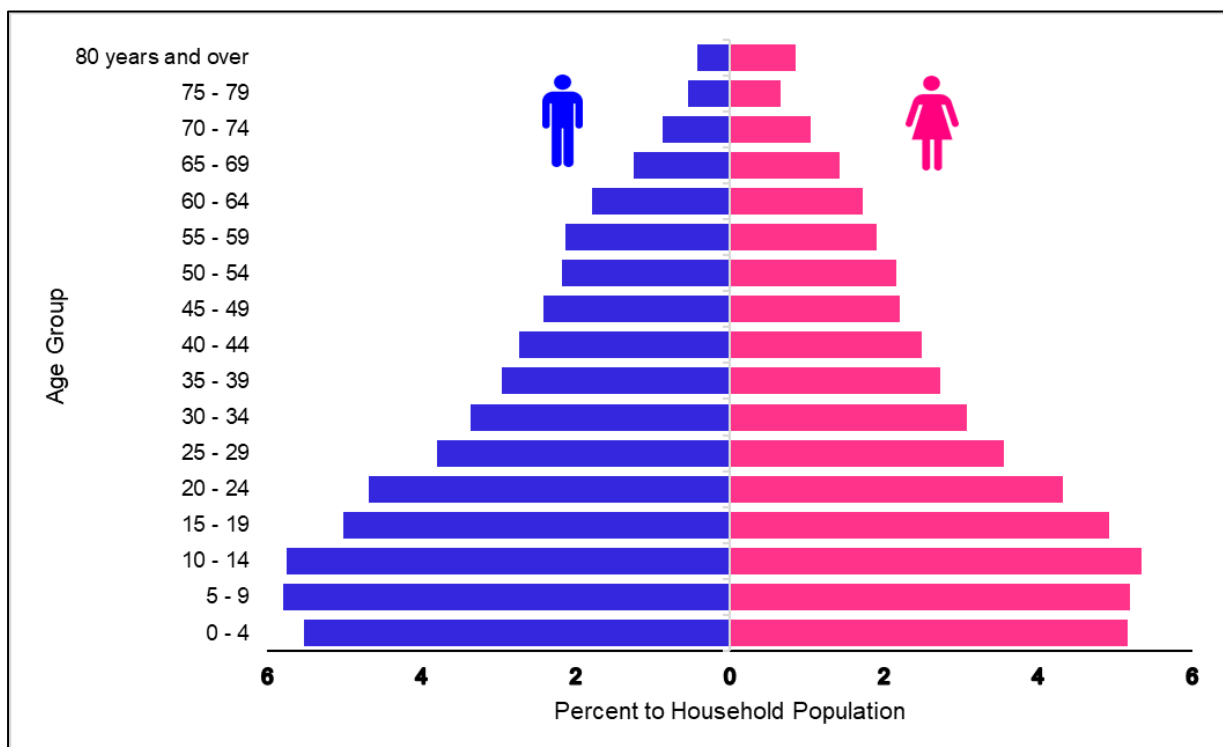# SPECIAL RELEASE

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

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The municipality of Carigara, Leyte had a total population of 54,656 persons based on the 2020 Census of Population and Housing (2020 CPH). The household population of 54,539 persons comprised 99.8 percent of the total population recorded as of the time of census-taking.

Of the 54,539 household population in Carigara, Leyte, 27,913 (51.2%) were males while 26,626 (48.8%) were females. By age group, 17,871 (32.7%) 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 32,811 (60.2%) while those in age groups 65 years and over (old dependents) comprised the remaining 3,857 (7.1%). In 2015, persons aged 0 to 14 years, 15 to 64 years, and 65 years and over accounted for 34.5 percent, 59.1 percent, and 6.4 percent, respectively, of the household population.

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

Source: Philippine Statistics Authority, 2020 Census of Population and Housing
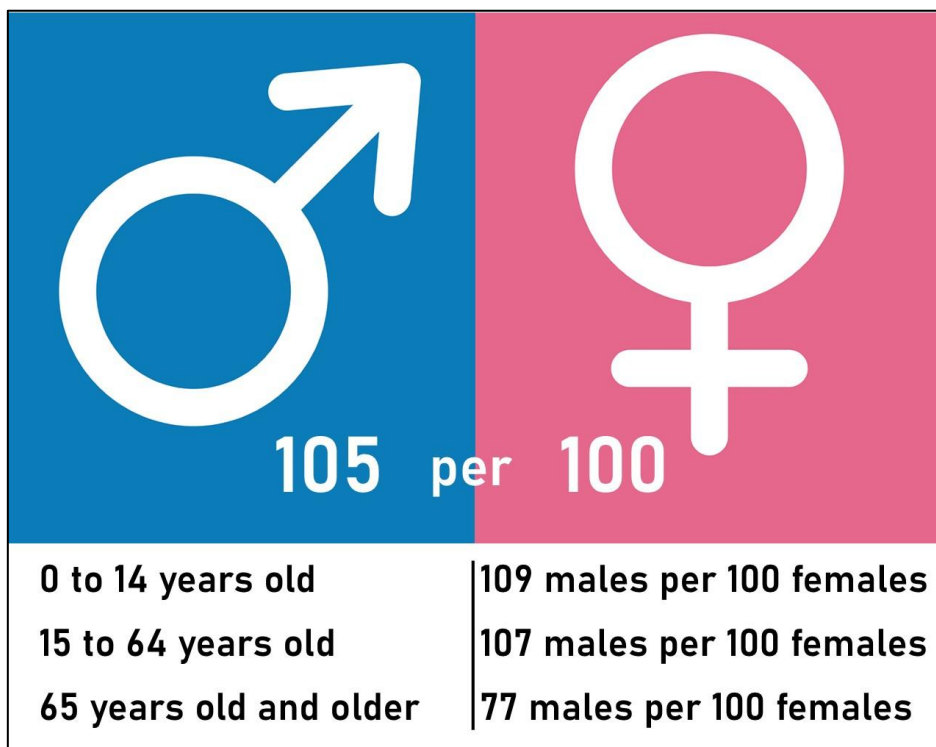
Moreover, there were more males (46.3%) than females (43.1%) among the 0 to 59 age group. However, among the older age group (60 years and over), females (5.7%) outnumbered the males (4.9%). The same trend was also observed in 2015.

Sex ratio stands at 105 males per 100 females

The sex ratio in Carigara, Leyte was computed at 105 in 2020. This means that there were 105 males for every 100 females. The sex ratio in 2015 was higher at 106 males per 100 females.

In 2020, children aged below 15 years had a sex ratio of 109 males per 100 females. On the other hand, those aged 15 to 64 years had a sex ratio of 107 males per 100 females. Moreover, among those aged 65 years and over, the sex ratio was 77 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, Carigara, Leyte: 2020

105 per 100

0 to 14 years old	109 males per 100 females
15 to 64 years old	107 males per 100 females
65 years old and older	77 males per 100 females

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 107 males per 100 females, lower than the 2015 ratio of 113 males per 100 females. Additionally, children under five comprised 10.7 percent (5,829 persons) of the household population in 2020, a decrease from 11.5 percent (5,890 persons) in 2015.

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Table 1. Number and Percent to All Ages of Household Population and Sex by Age Group, Carigara, 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	54,539	27,913	26,626	100.0	100.0	100.0	105
0 - 4	5,829	3,010	2,819	10.7	10.8	10.6	107
5 - 9	5,992	3,159	2,833	11.0	11.3	10.6	112
10 - 14	6,050	3,134	2,916	11.1	11.2	11.0	107
15 - 19	5,423	2,737	2,686	9.9	9.8	10.1	102
20 - 24	4,911	2,551	2,360	9.0	9.1	8.9	108
25 - 29	4,011	2,072	1,939	7.4	7.4	7.3	107
30 - 34	3,513	1,833	1,680	6.4	6.6	6.3	109
35 - 39	3,101	1,612	1,489	5.7	5.8	5.6	108
40 - 44	2,846	1,486	1,360	5.2	5.3	5.1	109
45 - 49	2,522	1,319	1,203	4.6	4.7	4.5	110
50 - 54	2,368	1,185	1,183	4.3	4.2	4.4	100
55 - 59	2,201	1,164	1,037	4.0	4.2	3.9	112
60 - 64	1,915	975	940	3.5	3.5	3.5	104
65 - 69	1,460	678	782	2.7	2.4	2.9	87
70 - 74	1,051	476	575	1.9	1.7	2.2	83
75 - 79	658	297	361	1.2	1.1	1.4	82
80 years and over	688	225	463	1.3	0.8	1.7	49
2015							
All Ages	51,345	26,448	24,897	100.0	100.0	100.0	106
0-4	5,890	3,120	2,770	11.5	11.8	11.1	113
5 - 9	6,060	3,126	2,934	11.8	11.8	11.8	107
10 - 14	5,748	2,968	2,780	11.2	11.2	11.2	107
15 - 19	5,592	2,900	2,692	10.9	11.0	10.8	108
20 - 24	4,408	2,321	2,087	8.6	8.8	8.4	111
25 - 29	3,506	1,870	1,636	6.8	7.1	6.6	114
30 - 34	3,100	1,653	1,447	6.0	6.3	5.8	114
35 - 39	2,924	1,518	1,406	5.7	5.7	5.6	108
40 - 44	2,531	1,343	1,188	4.9	5.1	4.8	113
45 - 49	2,450	1,212	1,238	4.8	4.6	5.0	98
50 - 54	2,230	1,171	1,059	4.3	4.4	4.3	111
55 - 59	2,033	1,063	970	4.0	4.0	3.9	110
60 - 64	1,586	773	813	3.1	2.9	3.3	95
65 - 69	1,256	592	664	2.4	2.2	2.7	89
70 - 74	842	392	450	1.6	1.5	1.8	87
75 - 79	601	238	363	1.2	0.9	1.5	66
80 years and over	588	188	400	1.1	0.7	1.6	47

Sources: Philippine Statistics Authority, 2020 Census of Population and Housing and 2015 Census of Population
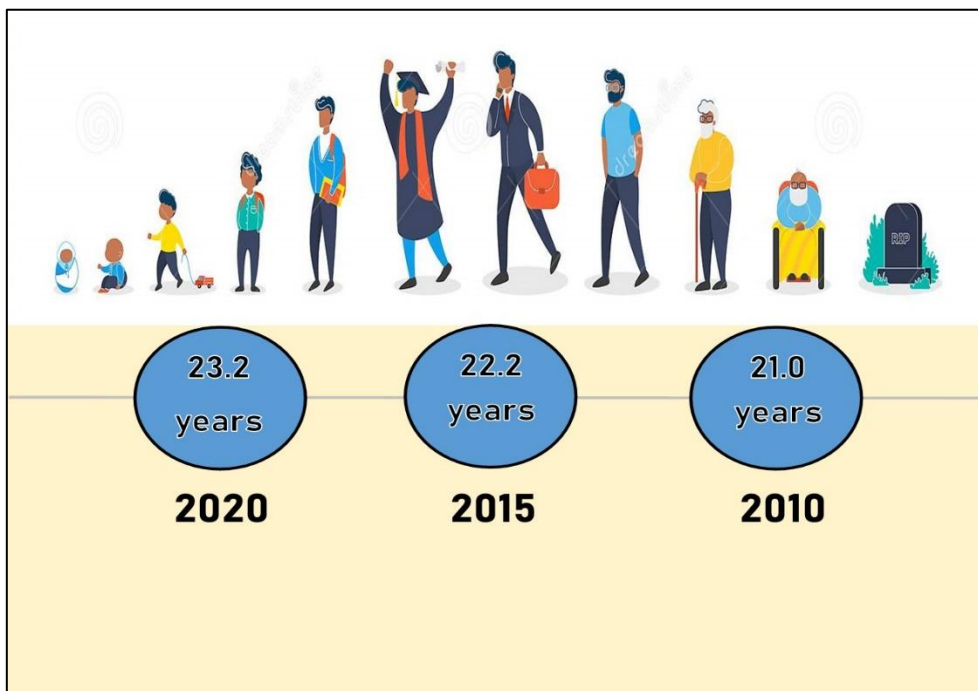*Note: Details may not add up to total due to rounding*

Median age measures at 23.2 years

The median age of Carigara, Leyte household population continues to increase during the past three censuses. In 2020, the median age was computed at 23.2 years, which means that half of the household population was younger than 23.2 years, while the other half is older than 23.2 years. This is higher than the median ages of 22.2 and 21.0 years that was posted in 2015 and 2010, respectively.

Figure 3. Median Age, Carigara, 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 66 dependents per 100 persons in the working-age group

The 2020 overall dependency ratio of Carigara, Leyte was computed at 66, which indicates that for every 100 working-age or economically-active population, there were about 66 dependents (54 young dependents and 12 old dependents). This is lower than the dependency ratio in 2015 at 69 dependents per 100 working-age population (58 young dependents and 11 old dependents).

Table 2. Age dependency Ratio of the Household Population by Sex, Carigara, Leyte: 2015 and 2020
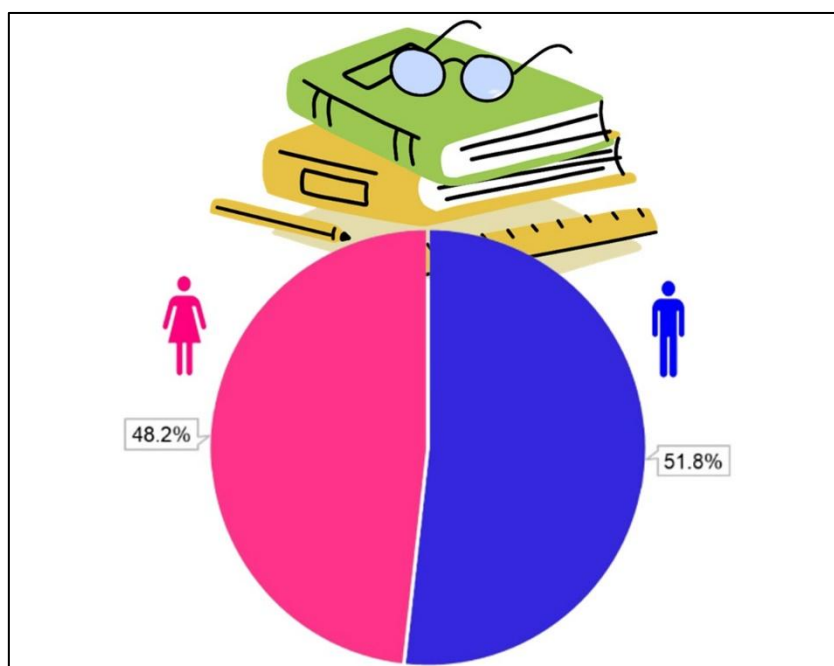
Dependency	2020			2015		
	Both Sexes	Male	Female	Both Sexes	Male	Female
Overall	66	65	68	69	67	71
Young	54	55	54	58	58	58
Old	12	10	14	11	9	13

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

Two in every five household population are of school age

In 2020, the school-age population (5 to 24 years old) accounted for 22,376 (41.0%) of the household population which is lower compared to the 21,808 (42.5%) 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, Carigara, Leyte: 2020
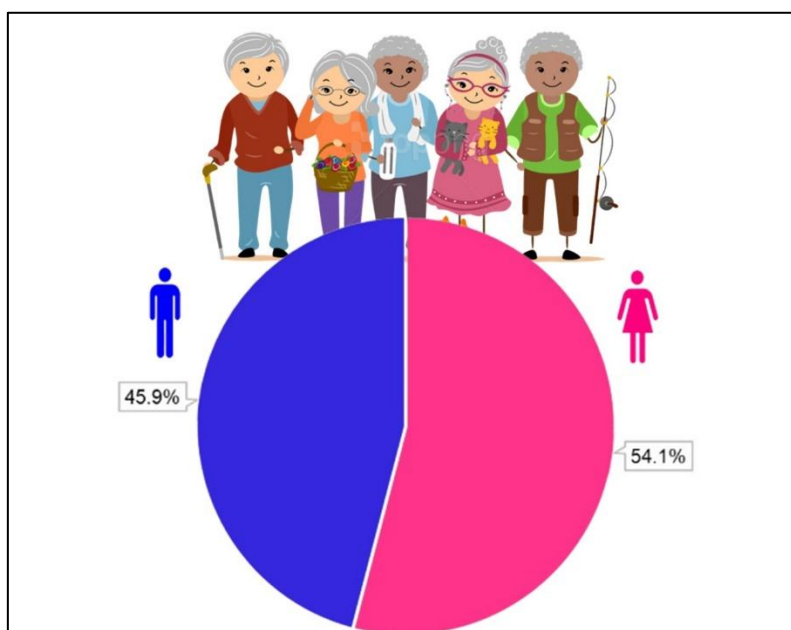

Source: Philippine Statistics Authority, 2020 Census of Population and Housing

Senior citizens accounts for 10.6 percent of the household population

In Carigara, Leyte, people aged 60 years old and over are regarded as senior citizens, made up 10.6 percent (5,772 persons) of the household population in 2020, higher than the 9.5 percent (4,873 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.

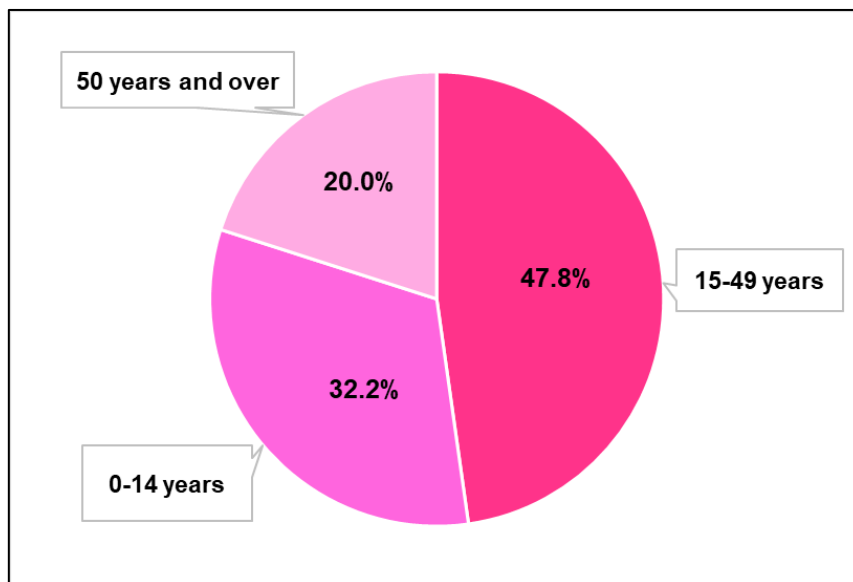**Figure 5. Percentage Distribution of Senior Citizens by Sex, Carigara, Leyte: 2020**

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 12,717 or 47.8 percent of the 26,626 female household population in 2020. This percentage was higher compared to the 47.0 percent or 11,694 females posted in 2015.

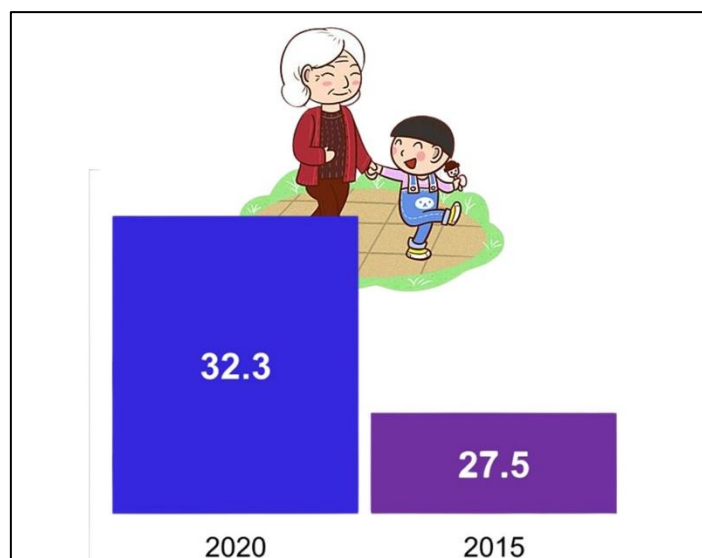**Figure 6. Percentage Distribution of Women by Selected Age Group, Carigara, Leyte: 2020**

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

Aging index is higher by 4.8 percentage points from 27.5 in 2015 to 32.3 in 2020

In Carigara, 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 32.3 percent in 2020. This means that there is about one (1) person aged 60 years and over for every three (3) children under 15 years old. The aging index was lower in 2015 at 27.5 percent.

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

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

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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