



# SPECIAL RELEASE

## 2021 CATANDUANES PRELIMINARY DEATH STATISTICS

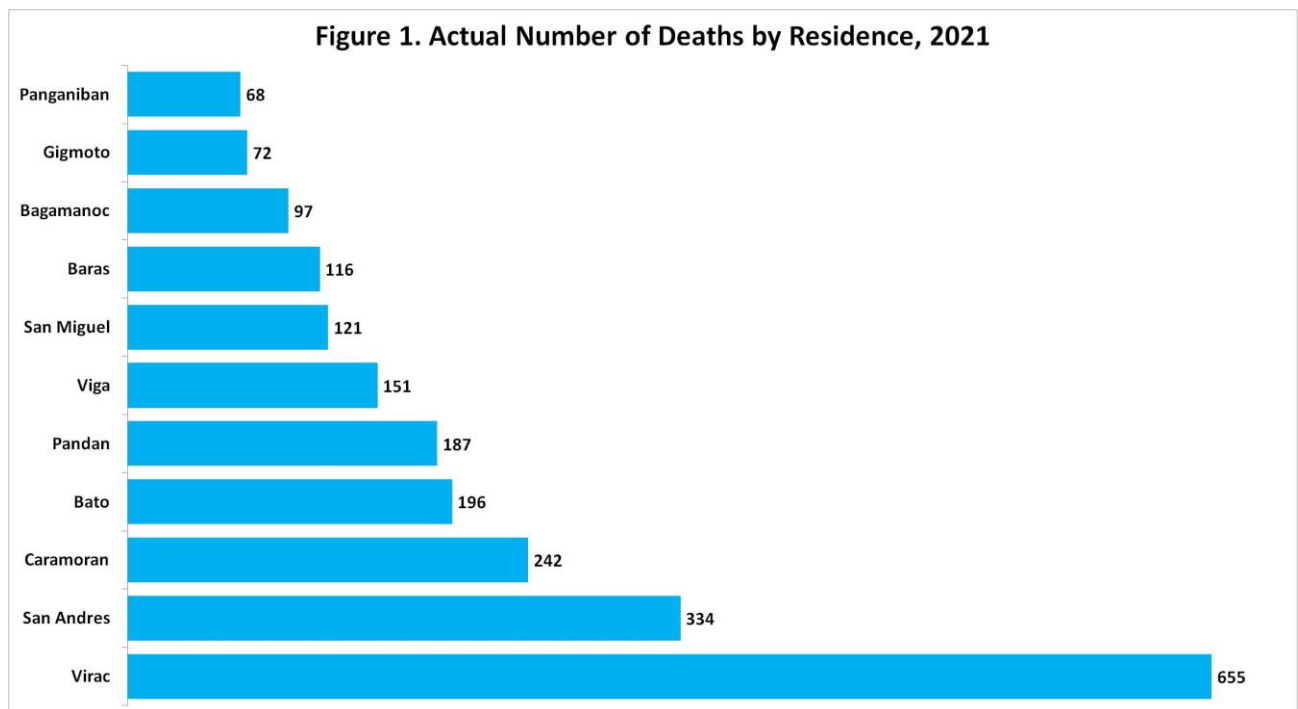
**Date of Release:** 28 January 2022

**Reference No.** 2022-01-007-CT

### Actual deaths in 2021 reaches 2, 239

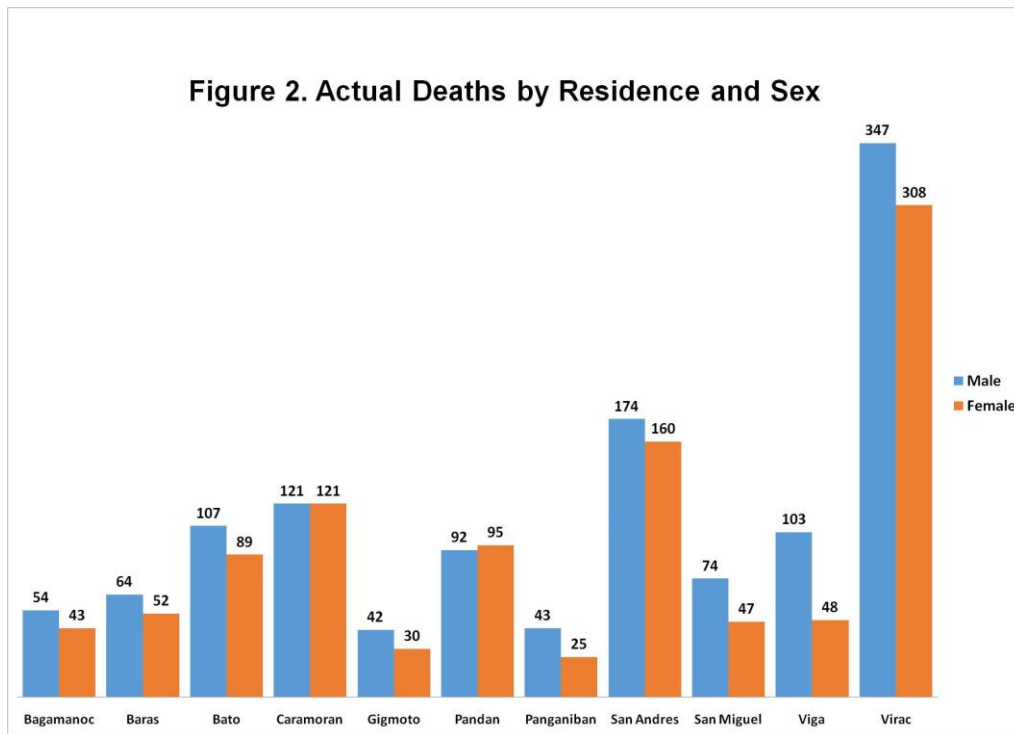
The actual number of deaths reported in Catanduanes in 2021 reached 2, 239 which is equivalent to a crude death rate of 8.1 or 8 deaths per thousand population in 2021 (Table 1).

Among the eleven municipalities, municipality of Virac had the highest number of deaths as their residence with 655, followed by San Andres with 334 and Caramoran with 242 reported deaths in 2021. Municipality of Panganiban had the lowest number of actual deaths as their residence in 2021 with 68 (Figure 1).



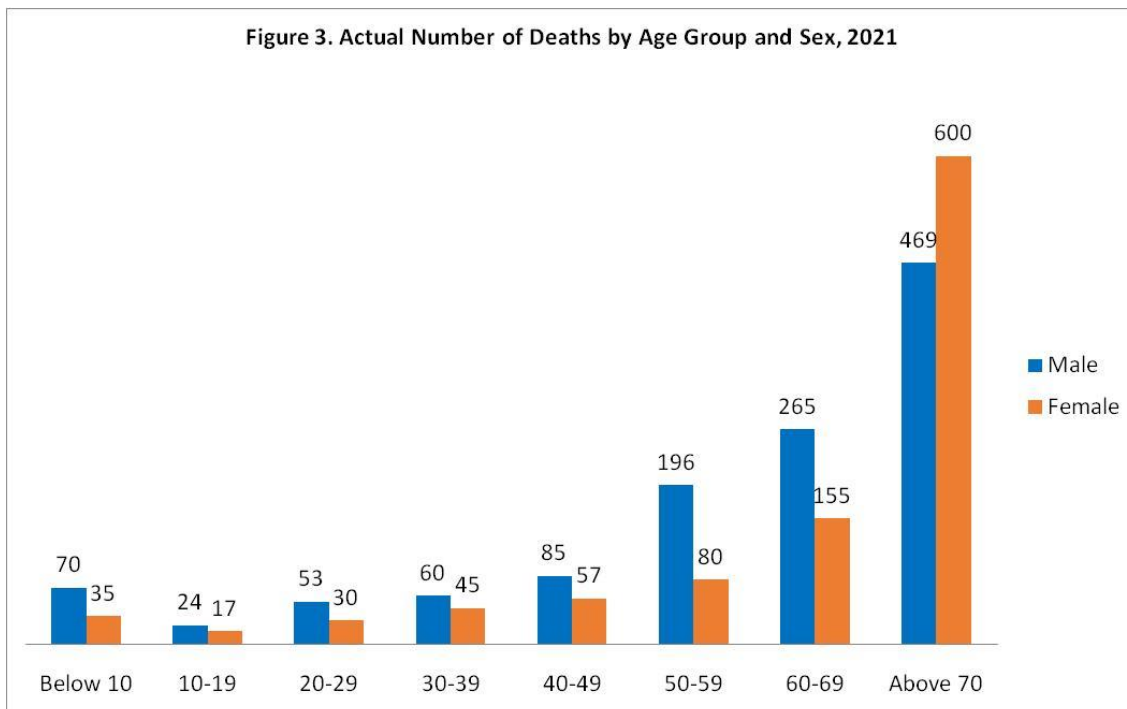
### More male deaths than female recorded in 2021

Overall, 54.5% of the deaths that occurred in Catanduanes for 2021 were male while 45.5% were female. Among the eleven municipalities, Virac had the highest number of male and female deaths as their residence with reported 347 and 308 respectively. Municipality of Gigmoto had the least number of male deaths as their residence with 42 reported deaths while municipality of Panganiban had the least number of female deaths as their residence with 25 reported deaths. (Figure 2 and Table 2).



**Almost 50% of actual deaths recorded in 2021 were age 70 and above**

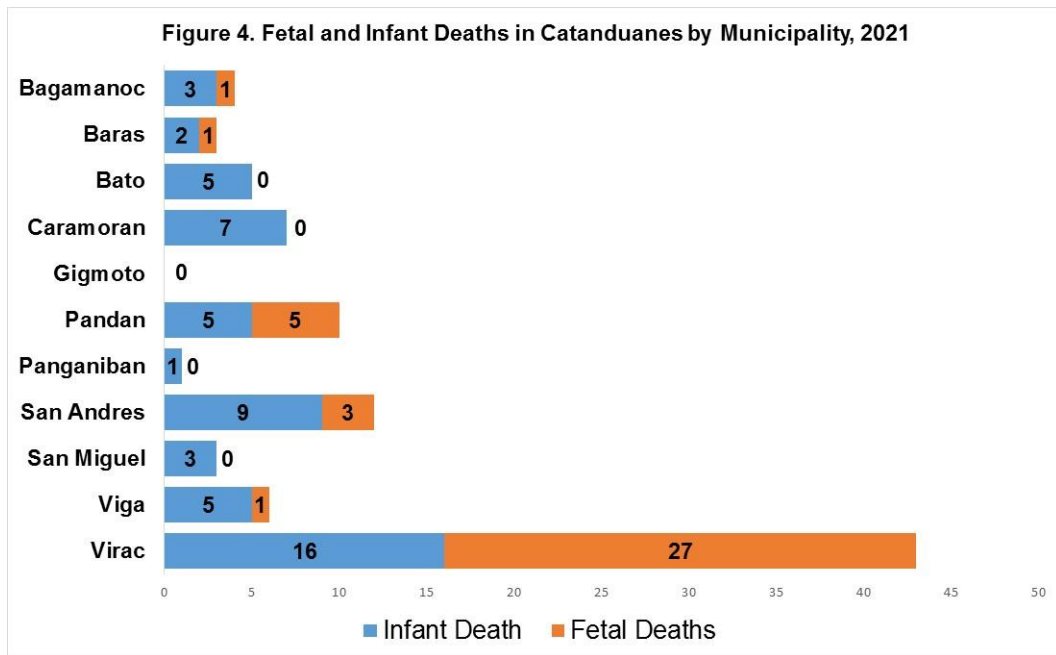
Of the total actual deaths in Catanduanes reported in 2021, almost 50% of the total deaths were aged 70 and above, which is also the only age group with female deaths greater than male deaths. Moreover, it can be noted that the number of deaths of those below 10 years old is higher than the older age groups 10-19 and age group 20-29. (Figure 3).



## Highest number of fetal and infant deaths recorded in Virac

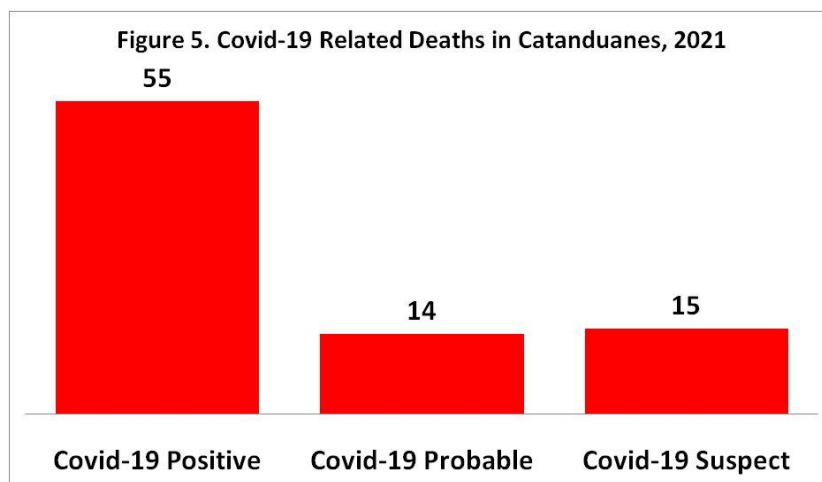
Thirty-eight (38) fetal deaths were recorded in Catanduanes in 2021 which translates to fetal death ratio of 9.8. Of the total recorded fetal deaths in 2021, 71.1% were from municipality of Virac, 13.2% were from municipality of Pandan, 7.9% were from municipality of San Andres while municipalities of Bagamanoc, Baras and Viga recorded 2.6% each of the total fetal deaths (Figure 4 and Table 3).

Moreover, 56 infant deaths, wherein 37 were males and 19 were females, were recorded in the same year which translates to infant mortality rate of 14.5. All municipalities except Gigmoto recorded infant deaths of which Virac had the highest number of infant deaths recorded with 16. This was followed by San Andres with 9 recorded infant deaths and Caramoran with 7 recorded infant deaths. Municipality of Panganiban had the lowest number of infant death recorded in 2021 with only 1 (Figure 3 and Table 3).



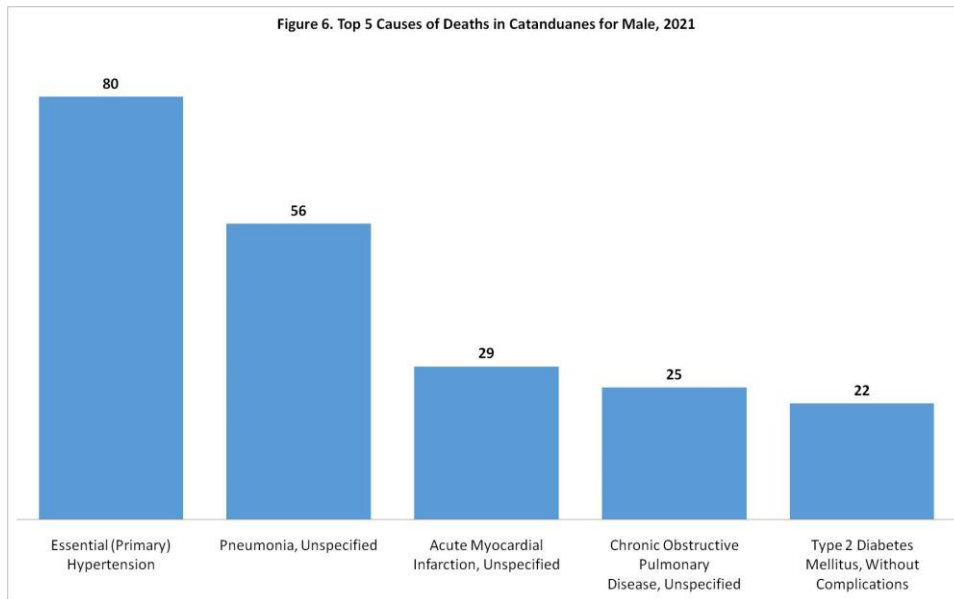
## Fifty five deaths due to Covid-19

In 2020, the Coronavirus Disease 2019 (Covid-19) was declared by the World Health Organization as a pandemic. Based on the documents reported, 55 deaths were reported due to Covid-19 positive, 14 due to Covid-19 probable and 15 due to Covid-19 suspect (Figure 5).



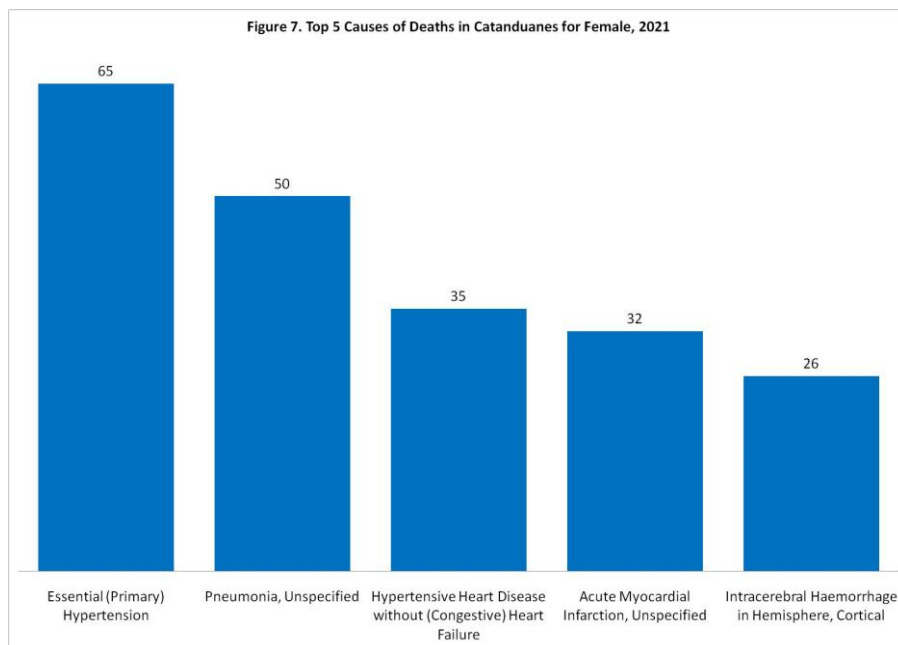
### Deaths due to Essential (Primary) Hypertension highest in male

Deaths due to essential (primary) hypertension was highest cause of deaths for male in Catanduanes for 2021 with 80 recorded deaths. It was followed by pneuminia with recorded 56 deaths and acute myocardial infraction with 29 deaths (Figure 6).



### Deaths due to Essential (Primary) Hypertension highest in female

Deaths due to essential (primary) hypertension was highest cause of deaths for female in Catanduanes for 2021 with 65 recorded deaths. It was followed by pneuminia with recorded 50 deaths and hypertensive heart disease without heart failure with 35 deaths (Figure 7).



There were also recorded 20 vehicular accidents as cause of deaths for both male and female in 2021, 15 homicides and 11 suicides while 27 recorded in other accidents as cause of death.

Table 1. Actual Number of Deaths by Municipality and Crude Death Rate, 2021

Province/Municipality	Number by Pace of Residence of Mother	Crude Death Rate
<b>CATANDUANES</b>	<b>2241</b>	<b>8.1</b>
Bagamanoc	65	5.5
Baras	74	5.6
Bato	138	6.2
Caramoran	176	5.5
Gigmoto	49	5.7
Pandan	191	8.9
Panganiban	46	4.8
San Andres	274	7.2
San Miguel	75	4.8
Viga	147	6.6
Virac	1006	12.5

Table 2. Actual Deaths by Residence and Sex, 2021

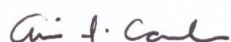
Municipality	Male	Female	Total
<b>Catanduanes</b>	<b>1221</b>	<b>1018</b>	<b>2239</b>
Bagamanoc	54	43	97
Baras	64	52	116
Bato	107	89	196
Caramoran	121	121	242
Gigmoto	42	30	72
Pandan	92	95	187
Panganiban	43	25	68
San Andres	174	160	334
San Miguel	74	47	121
Viga	103	48	151
Virac	347	308	655

Table 3. Number of Fetal and Infant Death by Municipality, 2021

Municipality	Fetal Death	Infant Death
Bagamanoc	1	3
Baras	1	2
Bato	0	5
Caramoran	0	7
Gigmoto	0	0
Pandan	5	5
Panganiban	0	1
San Andres	3	9
San Miguel	0	3
Viga	1	5
Virac	27	16
<b>TOTAL</b>	<b>38</b>	<b>56</b>

## CONCEPTS AND DEFINITIONS

TERM	DEFINITION
<b>Death</b>	This refers to the permanent disappearance of all evidence of life at any time after live birth has taken place.
<b>Crude Death Rate (CDR)</b>	This refers to the number of deaths occurring during a calendar year per thousand population. It is computed using the formula below:  $CDR = \frac{\text{Total deaths for the year and place}}{\text{Total population of the place}} \times 1000$
<b>Fetal Death Ratio</b>	This refers to the number of fetal deaths occurring during a calendar year per thousand live births. It is computed using the formula below:  $\text{Fetal Death Ratio} = \frac{\text{Total fetal deaths for the year and place}}{\text{Total live births}} \times 1000$
<b>Fetal Death Rate</b>	This refers to the number of fetal deaths occurring during a calendar year per thousand births. It is computed using the formula below:  $\text{Fetal Death Rate} = \frac{\text{Total fetal deaths for the year and place}}{\text{Total live births}} \times 1000$
<b>Maternal Mortality Ratio</b>	This refers to the number of fetal deaths occurring during a calendar year per thousand births. It is computed using the formula below:  $\text{Maternal Mortality Ratio} = \frac{\text{Total maternal deaths for the year and place}}{\text{Total live births}} \times 100000$
<b>External Causes of Death</b>	These relate to cases where the underlying cause of death is determined to be one of a group of causes external to the body. Examples are suicide, transport accidents, falls, poisoning, etc.



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