



CDP 2020-2029

COMPREHENSIVE
DEVELOPMENT PLAN



AMALANG BAYAN
NG TRIAS CAVITE

CITY OF GENERAL TRIAS
CAVITE



COMPREHENSIVE DEVELOPMENT PLAN 2020-2029

City of General Trias, Cavite

Prepared by:



RURBAN Strategic Development Planners Inc.



Republic of the Philippines
 Region IV-A (CALABARZON)
 Province of Cavite
 CITY OF GENERAL TRIAS

OFFICE OF THE SANGGUNIANG PANLUNGSOD

RESOLUTION NO. 03-2021-278

Author : SP Member Walter C. Martinez
 Chair, Committee on Finance, Budget
 and Appropriation

Sponsors : SP Member Kristine Jane M. Perdito-Barison
 SP Member Gary A. Grepo
 SP Member Vivencio Q. Lozares, Jr.
 SP Member Jonas Glyn P. Labuguen
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 SP Member Florencio D. Ayos
 SP Member Richard R. Parin
 SP Member Alfredo S. Ching
 SP Member Reinel R. Ferrer

ADOPTING THE CITY DEVELOPMENT COUNCIL (CDC) RESOLUTION NO. 07-2021 PERTAINING TO THE COMPREHENSIVE DEVELOPMENT PLAN (CDP) AND THE LOCAL DEVELOPMENT INVESTMENT PROGRAM (LDIP) OF THE CITY GOVERNMENT OF GENERAL TRIAS FOR FISCAL YEAR 2020-2029.

WHEREAS, Section 106 of the Local Government Code of 1991 (RA 7160) mandates each local government unit to prepare a comprehensive multi-sectoral development plan to be initiated by its Local Development Council and approved by its respective Sanggunian;

WHEREAS, the City Development Council formulated and approved the City Comprehensive Development Plan (CDP) and the Local Development Investment Program (LDIP) for 2020-2029 through City Development Council Resolution No. 07, Series of 2021;

WHEREAS, the City Development Council endorsed to the Sanggunian the said Council Resolution;

WHEREAS, the Sanggunian finds the proposed plan and programs beneficial to the constituents of the City of General Trias;

WHEREFORE, on motion of SP Member Walter C. Martinez duly seconded by SP Member Kristine Jane M. Perdito-Barison, be it

RESOLVED, AS IT IS HEREBY RESOLVED to adopt the City Development Council (CDC) Resolution No. 07-2021 pertaining to the Comprehensive Development Plan (CDP) and the Local Development Investment Program (LDIP) of the City Government of General Trias for Fiscal Year 2020-2029.

APPROVED under SECOND READING on 27 DECEMBER 2021.

JONAS GLYN P. LABUGUEN
 SP Member

GARY A. GREPO
 SP Member

CLARISSSEL J. CAMPAÑA-MORAL
 SP Member

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Republic of the Philippines
 Region IV-A (CALABARZON)
 Province of Cavite
 CITY OF GENERAL TRIAS
 OFFICE OF THE SANGGUNIANG PANLUNGSOD

Continuation...page 2 of Res. No. 03-2021-278:

ADOPTING THE CITY DEVELOPMENT COUNCIL (CDC) RESOLUTION NO. 07-2021 PERTAINING TO THE COMPREHENSIVE DEVELOPMENT PLAN (CDP) AND THE LOCAL DEVELOPMENT INVESTMENT PROGRAM (LDIP) OF THE CITY GOVERNMENT OF GENERAL TRIAS FOR FISCAL YEAR 2020-2029.


JOWIE S. CARAMPOT
 SP Member


KRISTINE JANE H. FERDITO-BARISON
 SP Member


ISAGANI L. CULANDING
 SP Member


J-M VERGEL M. COLUMNA
 SP Member


WALTER C. MARTINEZ
 SP Member



FLORENCIO D. AYOS
 SP Member


VIVENCIO Q. LOZARES, JR.
 SP Member


RICHARD B. PARIN
 SP Member

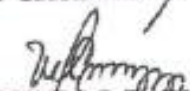



HERNANDO H. GRANADOS
 SP Member



ALFREDO S. CHING
 SP Member/LNB President


REIBEL R. FERRER
 SP Member/SKF President


CERTIFIED TRUE AND CORRECT:


WENCESLAO P. CAMINGAY
 Secretary to the Sanggunian

APPROVED:


MAURITO C. SISON
 City Vice Mayor/Presiding Officer

NOTED:


ANTONIO A. FERRER
 City Mayor



OFFICE OF THE CITY DEVELOPMENT COUNCIL

City Development Council Resolution No. 07 Series of 2021

A RESOLUTION APPROVING THE CITY OF GENERAL TRIAS' COMPREHENSIVE DEVELOPMENT PLAN (CDP) AND THE LOCAL DEVELOPMENT INVESTMENT PROGRAM (LDIP) FOR 2020-2029 AND FAVORABLY ENDORSING THE SAME TO THE SANGGUNIANG PANLUNGSOD FOR ADOPTION AND APPROVAL.

WHEREAS, the Comprehensive Development Plan (CDP) serves as a guide in defining General Trias' future growth and embodies the desired development path and over-all direction in terms of city's development within the period of ten years;

WHEREAS, pursuant to the Local Government Code of 1991, every local government unit is mandated to prepare this multi-year and multi-sectoral development plan, policies and public investment programs;

WHEREAS, the Local Development Investment Program (LDIP) is the principal instrument for implementing the CDP that translates the CDP into programs and projects, as the LGU selects those that will be picked up for funding in the annual general fund budget or through special fund generation scheme;

WHEREAS, the formulation of the CDP and LDIP involved the participation and collaboration among various development stakeholders in its various stages, from visioning, situational analysis, prioritization of PPAs and the development of policies, strategies and interventions to the development challenges facing the City of General Trias;

WHEREAS, the CDP consolidates the programs and projects designed to carry out the objectives of the five (5) development sectors: social, economic, physical/infrastructure, environmental management and institutional development representing the collective aspirations, needs and priorities of the local society;

WHEREAS, the CDP is the city government's call to its constituents, resource institutions and development stakeholders both in and out of General Trias, to be its pro active partners in the developing the City of General Trias as the center of sustainable economic development in the region, and is expected to provide the future generation a better quality of life;

NOW THEREFORE, based on the premises previously mentioned, and on motion of CLGOO, Mr. Ronald A. Mojica, and seconded by Mr. Xian Lerry G. Lozares, be it.

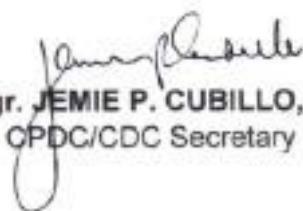
RESOLVED, as it hereby **RESOLVED** that the General Trias' Comprehensive Development Plan (CDP) and the Local Development Investment Program (LDIP) for 2020-2019 is hereby approved by the City Development Council;

RESOLVED FURTHER, that the CDC hereby indorses for favorable action the herein CDP and LDIP 2020-2029 to the Sangguniang Panlungsod for their review and approval.

Let copies of this Resolution be furnished the Sangguniang Panlungsod, for their information, review and approval.

APPROVED, this 17th day of December 2021, via Teleconference at City of General Trias, Cavite.

Attested by:


Engr. **JEMIE P. CUBILLO**, EnP
OPDC/CDC Secretary

Approved :


ANTONIO A. FERRER
City Mayor/CDC Chairman

FOREWORD

The Comprehensive Development Plan (CDP) of the City of General Trias shall be the basis for other plans that will set the City's development direction in the next nine (9) years. The Comprehensive Development Plan is the action plan utilized by every local administration to develop and implement priority sectoral and cross-sectoral programs and projects in the proper locations to put flesh on the skeleton as it were, gradually and incrementally, until the desired shape or form of development is eventually attained over the long term.

The Local Government Code mandates all LGU to prepare their multi-sectoral Comprehensive Development Plans (CDP). The CDP is the medium term and annual guide to public investments implemented through the Local Development Investment Program (LDIP) and the annual budget. The concepts and terminologies used represent a faithful interpretation of, and compliance with the pertinent mandates of the Local Government Code (Sections 20, 106 and 458, among others). The Local Development Investment Program (LDIP) is the principal instrument for implementing the CDP. The LDIP should have a time frame of three (3) years. Its annual component is what is referred to as the Annual Investment Program (AIP).

The first chapter of this document presents the quick facts of the City. Drawn from the City's Ecological Profile (EP), pertinent information of the planning database are discussed and analyzed by sector. The Local Development Indicator, an intermediate analytical tool for planning purposes, is used in the second chapter to generate new information and extract intelligence.

The third chapter, which discusses the CDP includes the City's vision which should be compliant with the recent statutes mandated by the government and a local variation of the very aspiration of the national government that LGU, as political and territorial subdivisions, attain their fullest development as self-reliant communities and become effective partners in the attainment of national goals. Then, characterizing the planning area by determining the current reality in the LGU based on the EP of the City is discussed in the second part. The next part entails the determination of the vision-reality gap. The succeeding part comprises of the sectoral goals, objectives and targets.

Lastly, the LDIP is created as the principal instrument for implementing the CDP and translates the programs and projects that will be used by the LGU for funding the annual general fund budget or through special fund generation schemes.

ACKNOWLEDGEMENT

This Comprehensive Development Plan (2020-2029) is a product of the collaborative efforts of the Technical Working Group, Office of the City Mayor, Office of the City Vice-Mayor and the Sangguniang Panlungsod, participating departments and divisions/ units of the City Government, Barangay Captains and their delegates, representatives from the national government offices and from the non-government organizations, civil society organizations, people's organizations and private sector, technical consultants, and other stakeholders of the City of General Trias, without which the completion of this CDP is not possible.

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LIST OF ABBREVIATIONS AND ACRONYMS

A&D	Alienable and Disposable
AICS	Assistance to Individuals in Crisis Situation
AIDS	Acquired Immunodeficiency Syndrome
AIP	Annual Investment Plan
ALS	Alternative Learning System
ARTA	Anti-Red Tape Act (RA 9485)
BBC	Barangay Business Councilors
BESDO	Barangay Employment Service Desk Officer
BFP	Bureau of Fire and Protection
BHW	Barangay Health Workers
BIR	Bureau of Internal Revenue
BLGU	Barangay Local Government Units
BNS	Barangay Nutrition Scholars
BOSS	Business One-Stop Shop
Brgy.	Barangay
CALABARZON	Region 4: Cavite, Laguna, Batangas, Rizal and Quezon
CapDev	Capacity Development
CBFMA	Community Based-Forest Management Agreement
CBMS	Community-Based Monitoring System
CCTV	Closed-circuit television
CDC	City Development Council
CDP	Comprehensive Development Plan
CDRRM	City Disaster Risk Reduction and Management
CDRRMC	City Disaster Risk Reduction and Management Council
CDRRMO	City Disaster Risk Reduction and Management Office
CENRO	City Environment and Natural Resources Office
CHO	City Health Office
CLTS-ZOD	Community-led Total Sanitation Zero Open Defecation
CLUP	Comprehensive Land Use Plan
COA	Commission on Audit
Coop	Cooperatives
CPDO	City Planning and Development Office
CSC	Civil Service Commission
CSO	Civil Society Organizations
CSWDO	City Social Welfare and Development Office
cu.m	Cubic Meters
DAO	Department Administrative Order
DBM	Department of Budget and Management

DENR	Department of Environment and Natural Resources
DepEd	Department of Education
DF	Development Funds
DHSUD	Department of Human Settlements and Urban Development
DILG	Department of Interior and Local Government
DJF	December, January and February
DOF	Department of Finance
DOH	Department of Health
DOLE	Department of Labor and Employment
DOST	Department of Science and Technology
DOT	Department of Tourism
DPWH	Department of Public Works and Highways
DRR	Disaster Risk Reduction
EBP	Entrepreneurial Boost Program
eBPLS	Electronic Business Permit and Licensing System
ECA	Environmentally Critical Areas
EEU	Energy Efficiency Utility
EPZA	Export Processing Zone Authority
etc	Etcera
EXCEL	EXCeeding Expectations of Learners
FY	Fiscal Year
GEMP	Government Energy Management Program
GenTri	City of General Trias
GIS	Geographic Information System
GT	General Trias
GTWC	General Trias Water Corporation
Ha	Hectares
HAP	Honor Awards Program
HEARTS	Heads up to Excellence and Access thru Responsive TEA (Transparent, Ethical, Accountable)
HH	Households
HIV	Human Immunodeficiency Virus
HLURB	Housing and Land Use Regulatory Board
HOA	Homeowners' Association
HR	Human Resource
HRD	Human Resource and Development
HUDCC	Housing and Urban Development Coordinating Council
ICT	Information and Communications Technology
IDP	Individual Development Plan
IEC	Information, Education and Communication
IO	Information Office

IPCR	Individual Performance Commitment Review
IRA	Internal Revenue Allotment
IRR	Implementing Rules and Regulations
ISF	Informal Settler Families
IYRR	Imus-Ylang ylang Rio Grande Rivers
JHS	Junior High School
JJA	June, July and August
kg	Kilograms
km	Kilometer
LCE	Local Chief Executive
LDIP	Local Development Investment Plan
LGC	Local Government Code
LGFPMS	Local Government Financial Performance Monitoring System
LGU	Local Government Unit
LIIC	Local Investments and Incentives Code
lm	Linear Meters
LNB	Liga ng Barangay
LOS	Level of Service
LRA	Land Registration Authority
LRT	Manila Light Rail Transit System
LSP	Local Shelter Plan
LTO	Land Transportation Office
m	Meters
MAM	March, April and May
Meralco	Manila Electric Railroad And Light Company
MICE	Meetings, incentives, conferences and exhibitions
mm	Millimeter
MOA	Memorandum of Agreement
MOOE	Maintenance and Other Operating Expenses
MRF	Materials Recovery Facilities
MSG	Multi-Sectoral Group
MSME	Micro, Small, and Medium Enterprise
mt	Metric Tons
NA	Not Applicable
NAT	National Achievement Test
NCCA	National Commission for Culture and the Arts
NDA	No Data Available
NDEP	National Drug Education Program
NGO	Non-Government Organizations
NHMFC	National Home Mortgage Finance Corporation
OSCA	Office of the Senior Citizen Affairs

OSHDP	Organization of Socialized and Economic Housing Developers of the Philippines, Inc.
PAGASA	Philippine Atmospheric, Geophysical and Astronomical Services Administration
PCG	Philippine Coast Guard
PDAO	Persons with Disability Affairs Office
PEM	Public Expenditure Management
PESO	Public Employment Services Office
PH	Philippines
PhilPost	Philippine Postal Office
PhP	Philippine Peso
PLDT	Philippine Long Distance Telephone Company
PNP	Philippine National Police
PO	People's Organizations
POPCEN	Population Census
PPA	Programs, Projects and Activities
PPP	Public Private Partnership
PRIME-HRM	Meritocracy and Excellence in Human Resource Management
PSA	Philippine Statistics Authority
PWD	Persons with Disability
PWE	Persons with Eccentricities
PYAP	Pag-asa Youth Association of the Philippines
QGIS	Quantum Geographic Information System
RA	Republic Act
RPT	Real Property Tax
SCA	Senior Citizen Affairs
SF	Symphysis-fundus
SGLG	Seal of Good Local Governance
SHFC	Social Housing Finance Corporation
SK	Sangguniang Kabataan
SMPS	Strategic Performance Management System
SON	September, October and November
SPED	Special Education for Disabled
SPES	Special Program for the Employment of Students
sq.m	Square Kilometers
SRE	Statement of Receipts and Disbursements
STD	Sexually Transmitted Diseases
STP	Sewage Treatment Plant
TESDA	Technical Education and Skills Development Authority
TNA	Training Needs Assessment
TRAIN	Tax Reform for Acceleration and Inclusion (RA 10963)
TWG	Technical Working Group
VHF	Very High Frequency

VRGA	Vision Reality Gap Analysis
VS	Very Satisfactory
WACS	Waste Analysis and Characterization Study
WQMA	Water Quality Management Areas
ZO	Zoning Ordinance

CHAPTER 1: QUICK FACTS OF THE CITY OF GENERAL TRIAS

A. BRIEF HISTORY AND BACKGROUND

Named after its Patron Saint, Francis of Assisi (1181-1226), the Municipality of San Francisco de Malabon was founded on 13 December 1748. The name of the town was later changed to General Trias in honor of General Mariano Trias (1868-1914) by virtue of a law fathered by Emilio P. Virata during his term as Representative of Cavite from 1919 to 1921.

The name Malabon was derived from either *labong* (bamboo shoot) or *mayabong* (luxuriant), referring to the trees and other plants abounding the place. The first reference has been derived to be more probable than the second because General Trias, a noted writer, adopted the “nom de guerre” “Labong”, a word which he often used in his writings and conversations.

The old town of San Francisco de Malabon used to be a big municipality comprising its present area plus Sta. Cruz de Malabon or Malabon El Chico (now known as Tanza), and Rosario (formerly known as Tejeros of Salinas, its revolutionary name). This vast area within the Hacienda de San Francisco owned by the friars was purchased by Doña Isabel Gomez de Cariaga on 14 June 1788.

The first uprising in the province or “First Cry of Cavite” during the Philippine Revolution occurred in San Francisco de Malabon on 31 August 1896 at about ten o’clock in the morning. The town’s tribunal was captured by Filipino revolutionists led by Mariano Trias, Diego Mojica and Nicolas Portilla. The second incident followed at twelve o’clock in Noveleta and the third in Cavite El Viejo (now Kawit) between 2:00 and 3:00 in the afternoon. It is noteworthy that the revolution started in Cavite only five days before the “Cry of Balintawak” on 26 August 1896.

The Sangguniang Bayan Magdiwang headed by General Mariano Alvarez of Noveleta and the Sangguniang Balangay Mapagtiis of San Francisco de Malabon later merged under the name Magdiwang Council with Mariano Alvarez as president. The Magdiwang Council was subsequently reorganized after the arrival of Andres Bonifacio in Cavite, making the Katipunan Supremo the Haring Bayan (King) and Mariano Alvarez, the Pangalawang Haring Bayan (Vice King). This was the composition of the Magdiwang Council from early December 1896 to 22 March 1897 when the Tejeros Convention was held. This convention established the Revolutionary Government to replace the Katipunan. It was held by the Magdiwang Council at the friar estate house in Sitio Tejero, now part of Rosario, Cavite. General Emilio Aguinaldo was elected (in absentia) president of the Revolutionary Government during the same convention.

General Trias, who served with General Aguinaldo throughout the Revolution and during the Philippine-American War, became the first provincial governor of Cavite under the American regime. Shortly after the outbreak of the war on 4 February 1899, General Trias, the secretary of the treasury in the Mabini Cabinet, was appointed by Aguinaldo as the supreme civilian and military commander of Southern Luzon.

General Trias had an agonizing re-appraisal of his position in the revolution 23 days after Aguinaldo's treacherous capture (23 March 1901) by the Americans in Palanan, Isabela. In a letter to General Miguel Malvar, his second in command, General Trias said that "In view of the course it [war] had taken, I believe it is difficult, if not impossible, for us to attain our goal of independence by armed struggle". Consequently, General Trias surrendered to the Americans in order to pursue the task of "securing independence in a lawful manner and by peaceful means". General Malvar, on the other hand, decided to continue the war until his men, suffering from battle fatigue and lack of food and ammunition, virtually abandoned their chief, forcing him to surrender on 16 April 1902.

On December 12, 2015, General Trias was able to obtain its cityhood after majority of its voters favored in a plebiscite. In a statement, the local government said election officer Armando Vencilao declared the ratification of the cityhood of General Trias following Republic Act 10675, or the law converting the municipality into a city. The conversion of General Trias into a city was approved, as it has met the requirements set by the Local Government Code.

B. GEO-PHYSICAL CHARACTERISTICS

Location

The City of General Trias lies in the northeastern part of the province of Cavite and its Poblacion is located at 14°23'12" latitude and 120°52'46" longitude. It is situated 35 kilometers (km) southwest of Manila and it is 18.27 km away from the Provincial Capitol in the City of Trece Martires (**Map 1**).

General Trias is bounded by five municipalities and three cities. It is bounded by the municipalities of Noveleta and Rosario on the north, by the municipality of Amadeo on the south, by the municipality of Silang on the southeast, by the cities of Dasmariñas and Imus on the east, and the City of Trece Martires and municipality of Tanza on the west, and by the municipality of Kawit in the northeast. The land shape of the City follows the path of its territorial boundaries in the eastern and western sections, which is the river (**Map 2**).

Land Area

General Trias is an inland City comprised of 33 barangays with a total land area of 8,890 hectares (ha.). As shown in the table below, the largest barangay is San Francisco with a land area of 934.04 hectares. In contrast, the smallest barangay is Governor Ferrer with 1.97 ha. followed by Arnaldo (3.73 ha.) and 1896 (4.29 ha.) (**Table 1**).

Table 1. Land Area Distribution by Barangay (2020), City of General Trias, Cavite

Barangay	Land Area (ha.)	% Over Total
1896 (Pob)	4.29	0.05%
Alingaro	678.83	7.64%
Arnaldo (Pob)	3.73	0.04%
Bacao I	355.84	4.00%
Bacao II	282.07	3.17%
Bagumbayan (Pob)	8.14	0.09%
Biclatan	465.76	5.24%
Buenavista I	363.37	4.09%
Buenavista II	268.15	3.02%
Buenavista III	170.23	1.91%
Corregidor (Pob)	7.57	0.09%
Dulongbayan (Pob)	8.47	0.10%
Governor Ferrer ((Pob)	1.97	0.02%
Javalera	698.71	7.86%
Manggahan	571.87	6.43%
Navarro	534.25	6.01%
Panungyanan	327.91	3.69%
Pasong Camachile I	395.21	4.45%
Pasong Camachile II	443.7	4.99%

Barangay	Land Area (ha.)	% Over Total
Pasong Kawayan I	179.65	2.02%
Pasong Kawayan II	593.95	6.68%
Pinagtipunan	106.96	1.20%
Prinza (Pob)	6.49	0.07%
Sampalucan (Pob)	18.46	0.21%
San Francisco	934.09	10.51%
San Gabriel (Pob)	6.23	0.07%
San Juan I	37.61	0.42%
San Juan II	97.39	1.10%
Santiago	846.54	9.52%
Sta. Clara	99.68	1.12%
Tapia	195.95	2.20%
Tejero	168.32	1.89%
Vibora (Pob)	8.7	0.10%
Total	8,890.00	100.00%

Source: City Planning and Development Coordination Office (CPDO), City of General Trias, Cavite

Topography and Slope

Elevation

The topography of the City is generally flat to gently rolling with deeply incised river channels. The lowest elevation is in Barangay Tejero and Bacao II at an elevation of eight (8) meters above mean sea level. The Poblacion has an elevation of about twelve (12) meters while Barangay Manggahan, at the junction of Governor's Drive, has an elevation of approximately 114 meters. The southern portion of the City has the highest elevation with Barangay Panungyanan at 250 and Javalera at 200 meters above sea level.

Slope

The slope categories of General Trias range from level to undulating especially at the City's northern part. About 54.26% of General Trias's total land has a level to very gently sloping terrain, which is equivalent to 4,824 hectares. The southern portion, on the other hand, is of mixed slope as level lands become interspersed with rolling terrain which basically forms foot slopes ultimately leading to the Tagaytay ridge. Steep to very steep slopes in the City may be observed along the deeply incised river channels. Many barangays have rolling to hilly terrain characterized by 10-20% slope (**Figure 1**). These barangays are identified as prone to 'Earthquake-Induced Landslide' and 'Rain-Induced Landslide' hazards (**Map 3**).

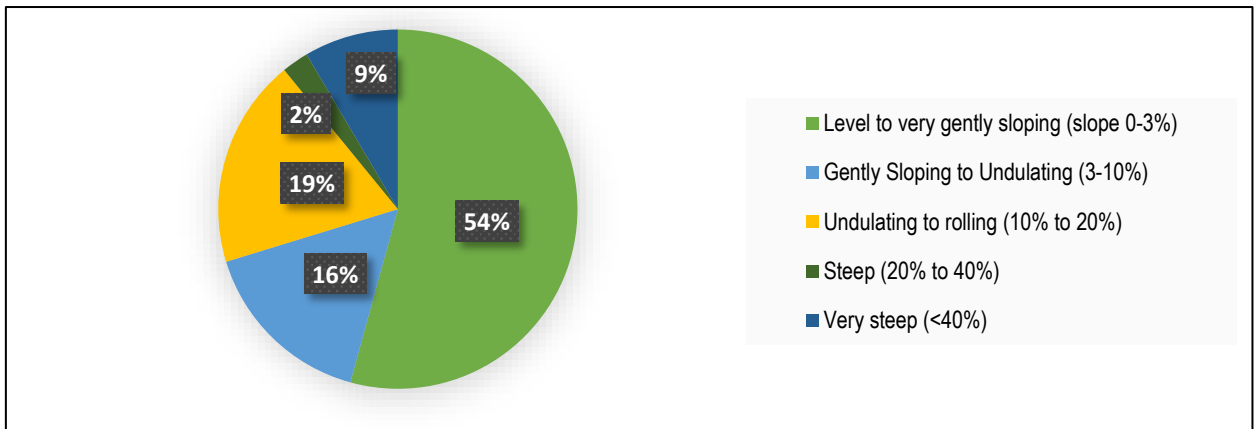


Figure 1. Slope Categories (2020), City of General Trias, Cavite

Source: Ecological Profile, City of General Trias, Cavite

Soil

Majority of the barangays located in the central part of the City have 'Guadalupe Clay Loam' covering up to 56.01% of the total land area. This is the predominant soil series in the City. It is underlain by volcanic tuffaceous materials of various degrees of disintegration and weathering. The northern part of General Trias is composed of mixed Guadalupe Clay (12.53%) and Quinguia Fine Sandy Loam (9.54%). While most of the barangays with Magallanes Loam (18.17%) and Magallanes Loam – Steep Phase (3.76%) soil can be found on the southern part of the City. They are characterized by gently sloping to rolling terrain. These soils are observed mostly near the roads going to the Tagaytay Boundary (**Map 4**).

Land Classification and Suitability

Generally, lands within General Trias are classified as 'alienable and disposable' (A&D). These lands are composed of built-up areas and production areas mainly used for infrastructure, utilities, residential, commercial, industrial, institutional, and agricultural purposes. These lands are intended for the socio-economic development of the City.

Small areas along the waterways are observed to have proliferation of dense trees mixed with various shrubs, vines, and non-commercial value crops. These vegetation areas are not included in the list of protected forests by the Department of Environment and Natural Resources (DENR). The latter considers General Trias as outside the Forest Land Classification.

The City has environmentally critical areas (ECA) that are mostly concentrated in its northern portion. ECA's constitute about 60.53% of the total land area at 5,381 hectares. Thus, the non-ECAs comprise 39.47% of the total area at 3,509 hectares (**Map 5**). The non-ECAs are found in the upland area in the southern part of the City which spans from Barangays Pasong Kawayan, Buenavista and San Francisco down to Barangays Alingaro and Panungyanan.

The City has no ancestral domains.

General Trias has Strategic Agriculture and Fisheries Development Zone (SAFDZ) that is part of the City's prime agricultural lands i.e., irrigated and irrigable. In 2011, the estimated agricultural area of General Trias covers around 4,131.25 ha., which includes 619.04 ha. of the SAFDZ. As of 2018, the City's agricultural area decreased to 3,745.12 ha., which consequently decreased the areas allotted for SAFDZ to 369.29 hectares (**Figure 2**).

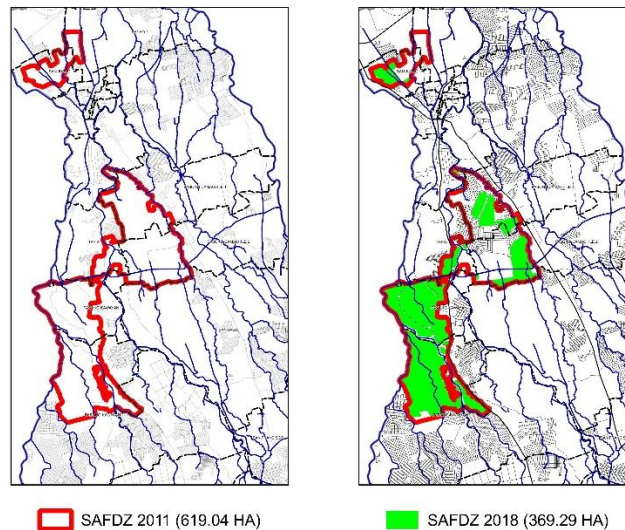


Figure 2. SAFDZ Coverage (2011-2018), City of General Trias, Cavite
Source: CPDO, City of General Trias, Cavite

Existing Land Use

Overall, the historical land use trend of the City from 1993 to 2018 shows a constant decrease in agricultural areas devoted to crop production. Conversely, the trend established a continuous increase in built-up areas due to urban development efforts of the City (**Map 6**).

Based on the 2018 land use survey, the total area dedicated for agricultural use was 3,745.77 ha. (42.13%). This is further classified into agricultural (cultivated), which includes open/vacant/grassland at 39.28%, agro-industrial (livestock/poultry/fishpond) at 2.78%, and forest park (agri-nursery) at 0.07 percent.

About 51.16% of the total land area of the City are built-up, which is primarily composed of residential areas (22%) and infrastructure and utilities (12.69%). Other classifications include industrial (4.78%), commercial (3.58%), institutional (0.90%), parks/playgrounds (2.11%), planned unit developments (1.33%) and easement/buffer zones (0.31%) (**Table 2**).

Table 2. Existing Land Use (2018), City of General Trias, Cavite

Land Use Classification	2011		2018		Change (%)
	Land Area (ha.)	% to Total Area	Land Area (ha.)	% to Total Area	
Agricultural	4,131.25	46.47	3,745.77	42.13	-9.33
Agricultural (cultivated)	2,565.34	28.86	3,491.54	39.27	-9.50
Open / Vacant / Grassland	1,292.69	14.54			
Forest Park (Agri-nursery)	8.58	0.10	6.45	0.07	-24.83

Land Use Classification	2011		2018		Change (%)
	Land Area (ha.)	% to Total Area	Land Area (ha.)	% to Total Area	
Agri-Industrial (Livestock/ Poultry/ Fishpond)	264.64	2.98	247.13	2.78	-6.62
Built-up Area	4,334.14	48.75	4,548.44	51.16	4.93
Residential	1,512.20	17.01	1,955.47	22.00	29.31
Industrial	437.75	4.92	424.91	4.78	-2.93
Commercial	211.05	2.37	318.34	3.58	50.84
Institutional	56.72	0.64	80.37	0.90	41.70
Parks/Playgrounds	156.65	1.76	187.98	2.11	20.00
Infrastructure and Utilities	871.26	9.80	1,128.33	12.69	29.51
Planned Unit Development	704.85	7.93	118.46	1.33	-83.19
Cemeteries	24.77	0.28	26.24	0.30	5.93
Closed Dumpsite/ Private Disposal Site	13.77	0.15	8.78	0.10	-36.24
Easement/ Buffer zones	27.77	0.31	27.68	0.31	-0.32
Tourism	317.35	3.57	271.25	3.05	-14.53
Quarry	5.56	0.06	-	-	
Rivers	419.03	4.71	596.57	6.71	42.37
Total	8,890.00	100%	8,890.00	100%	

Source: Ecological Profile, City of General Trias, Cavite

Water Resources

General Trias has surface and groundwater as water resources. The City has seven (7) major river systems, namely: Rio Grande (Malabon River), Ylang Ylang River, Pasong Camachile River, Matangilan River, Panaysayan River, Pulonan River, and Cañas River (**Map 7**).

The Rio Grande (Malabon River) has the biggest drainage area of approximately 3,840.10 ha. among other rivers in the City. This traverses in Barangays Bacao I and II, Poblacion, Pinagtipunan, Tapia, Pasong Kawayan I and II, Buenavista I, II and III, Manggahan, Biclatan, Javalera, and Panungyanan.

Groundwater such as shallow, deep and dug wells serves as the City's main domestic water resource. The northernmost barangays of the City, from Pinagtipunan, Sta. Clara and Navarro up to the boundaries with the municipalities of Rosario and Noveleta are potential areas for high-yielding wells. These locations account for about 85% of the City's total land area. (**Map 8**).

Climate and Natural Hazards

Climate

General Trias is within the area classified as Type 1 under the Coronas Climate classification system, having two pronounced seasons: relatively dry from November to April and wet from May to October. The maximum rain period is from June to October. An average of five cyclones visits the area every three years based on data regarding the frequency of tropical cyclones passing the Philippine area of responsibility

prepared by the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

Natural Hazards

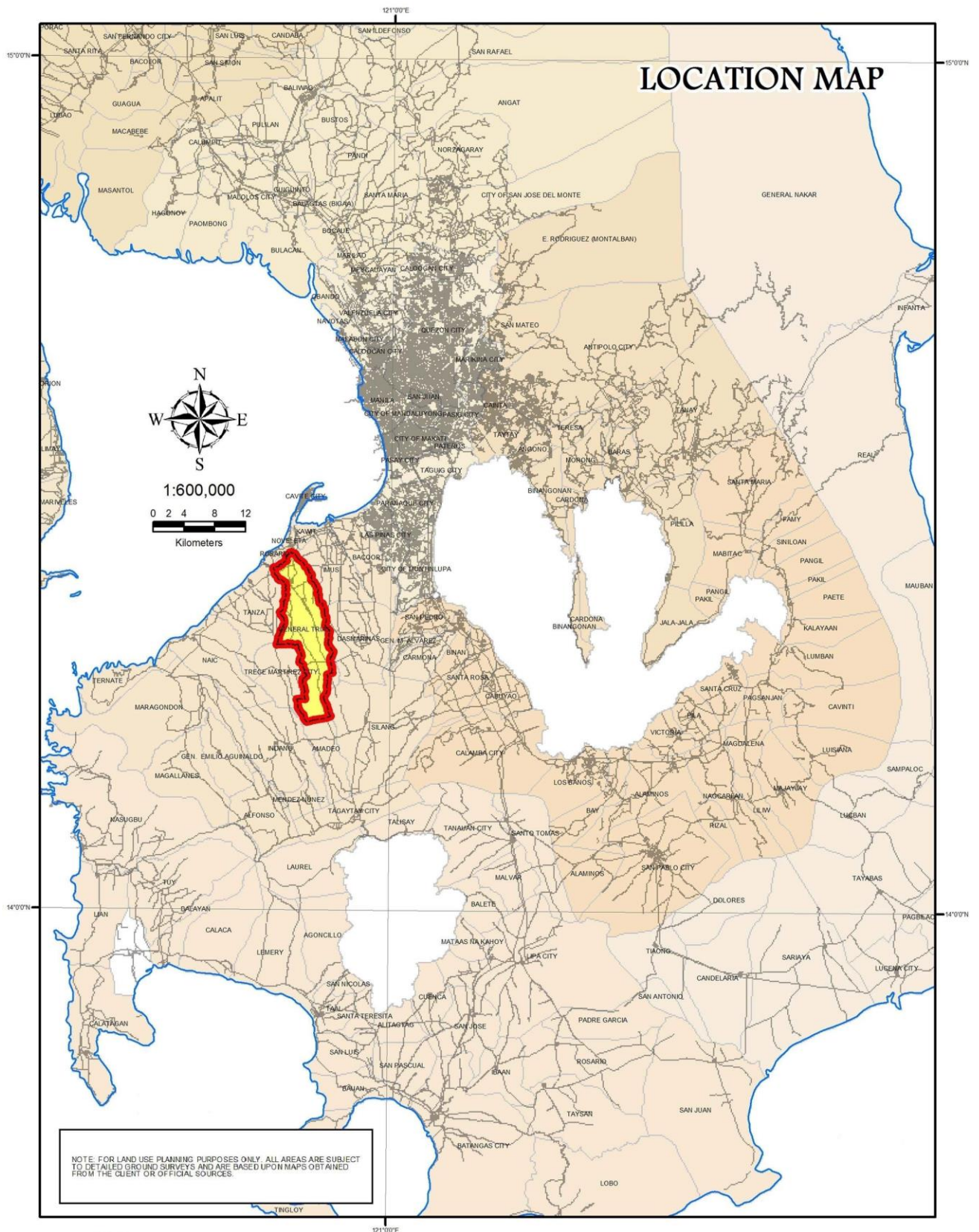
General Trias is exposed to four (4) major natural hazards, namely: flooding, landslide, liquefaction, and ground shaking. Flooding is the most commonly experienced hazards in many barangays. **Table 3** shows the hazard susceptibility level present in every barangay. The data are generated using Quantum GIS (QGIS) software based on the updated hazard maps and base maps.

Table 3. Hazard Inventory by Barangay (2020), City of General Trias, Cavite

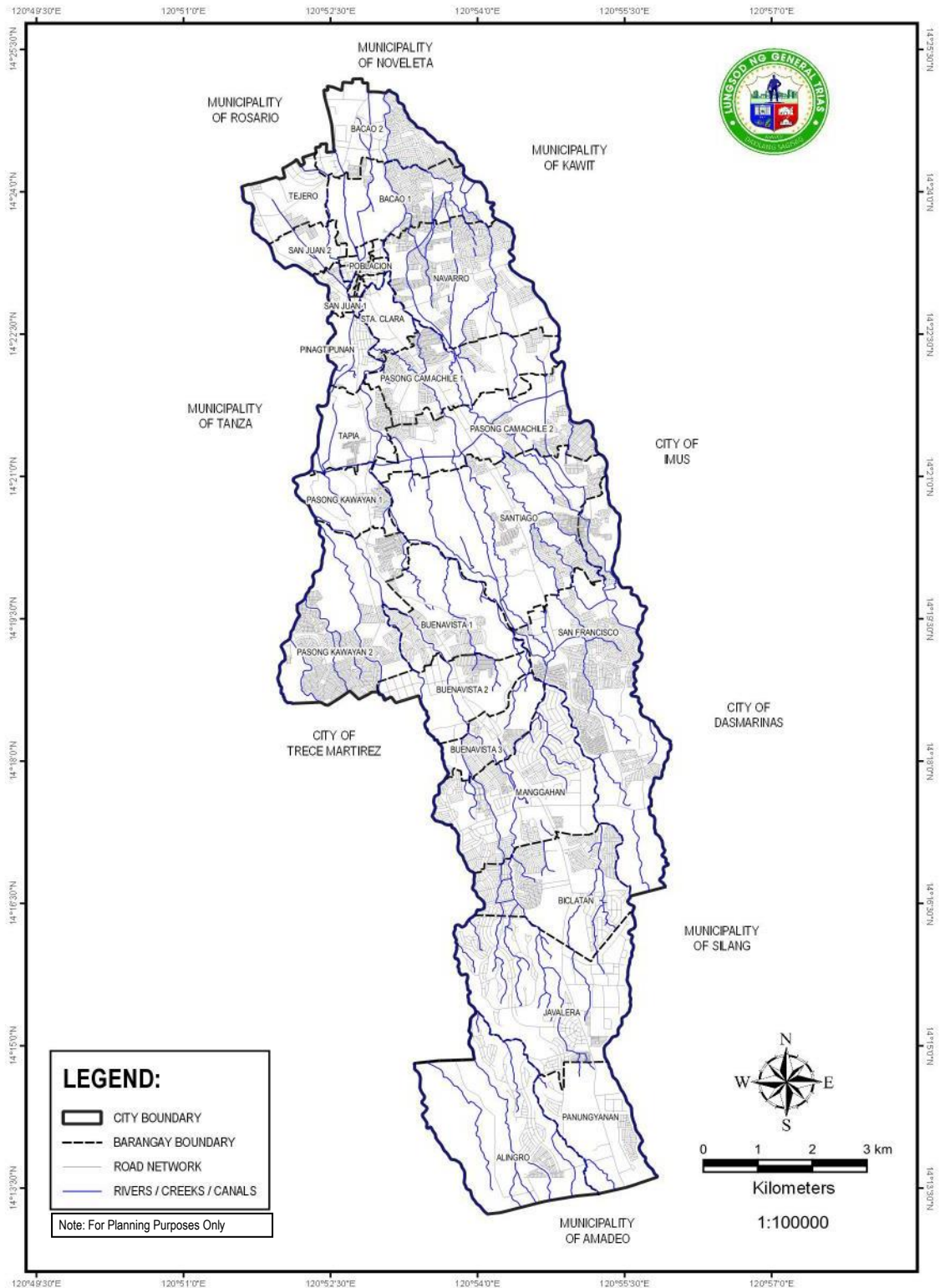
Barangay	Hazard									
	Flood			Landslides			Liquefaction			Ground Shaking
	Low	Mod	High	Low	Mod	High	Low	Mod	High	≥ Intensity VIII
1896 (Pob)	•						•			•
Alingaro			•	•		•				•
Arnaldo (Pob)	•	•	•				•			•
Bacao I	•	•	•				•	•		•
Bacao II	•	•	•					•		•
Bagumbayan (Pob)	•	•	•				•	•		•
Biclatan			•	•						•
Buenavista I			•	•						•
Buenavista II			•	•						•
Buenavista III			•	•						•
Corregidor (Pob)	•						•			•
Dulongbayan (Pob)	•	•	•				•	•		•
Governor Ferrer (Pob)	•	•					•			•
Javalera			•	•		•				•
Manggahan			•	•						•
Navarro	•	•	•	•			•	•		•
Panungyanan			•	•		•				•
Pasong Camachile I	•		•	•			•			•
Pasong Camachile II			•	•						•
Pasong Kawayan I			•	•						•
Pasong Kawayan II			•	•						•
Pinagtipunan	•		•	•			•			•
Prinza (Pob)	•	•	•				•			•
Sampalucan (Pob)	•						•	•		•
San Francisco			•	•						•
San Gabriel (Pob)	•	•	•				•	•		•
San Juan I	•		•				•	•		•

Barangay	Hazard									
	Flood			Landslides			Liquefaction			Ground Shaking
	Low	Mod	High	Low	Mod	High	Low	Mod	High	≥ Intensity VIII
San Juan II	•		•				•	•		•
Santiago			•	•						•
Sta. Clara	•	•	•				•			•
Tapia	•		•	•			•			•
Tejero	•	•	•					•		•
Vibora (Pob)	•	•	•				•			•

Source: Ecological Profile, City of General Trias, Cavite; Mod = Moderate



Map 1. Location Map, City of General Trias, Cavite
 Source: CPDO, City of General Trias, Cavite



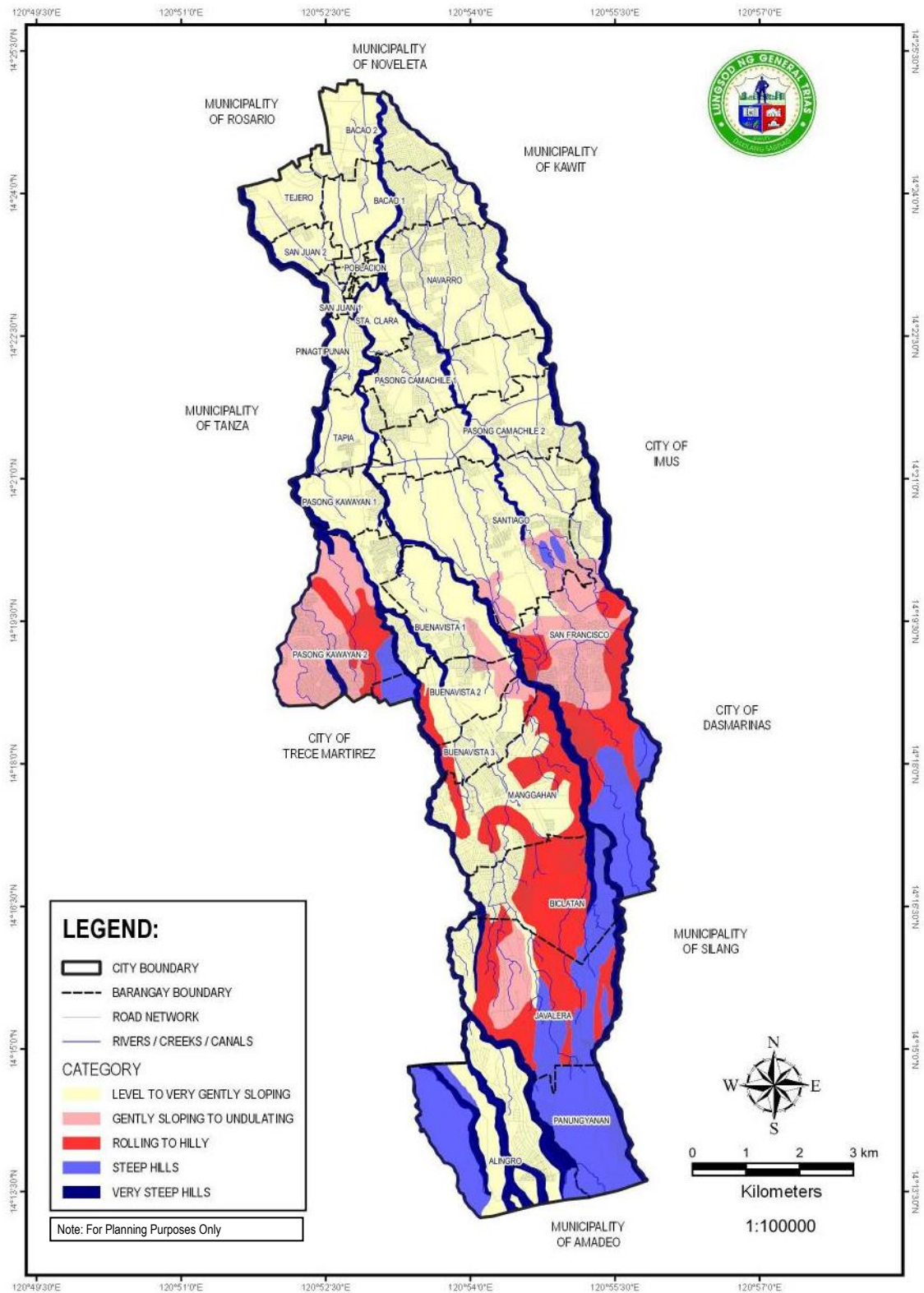
BOUNDARY MAP

CITY OF GENERAL TRIAS, PROVINCE OF CAVITE

Map Projection : WGS 84
 Data Source : NAMRIA, CPDC
 Prepared By : CPDC Office

Map 2. Boundary Map, City of General Trias, Cavite

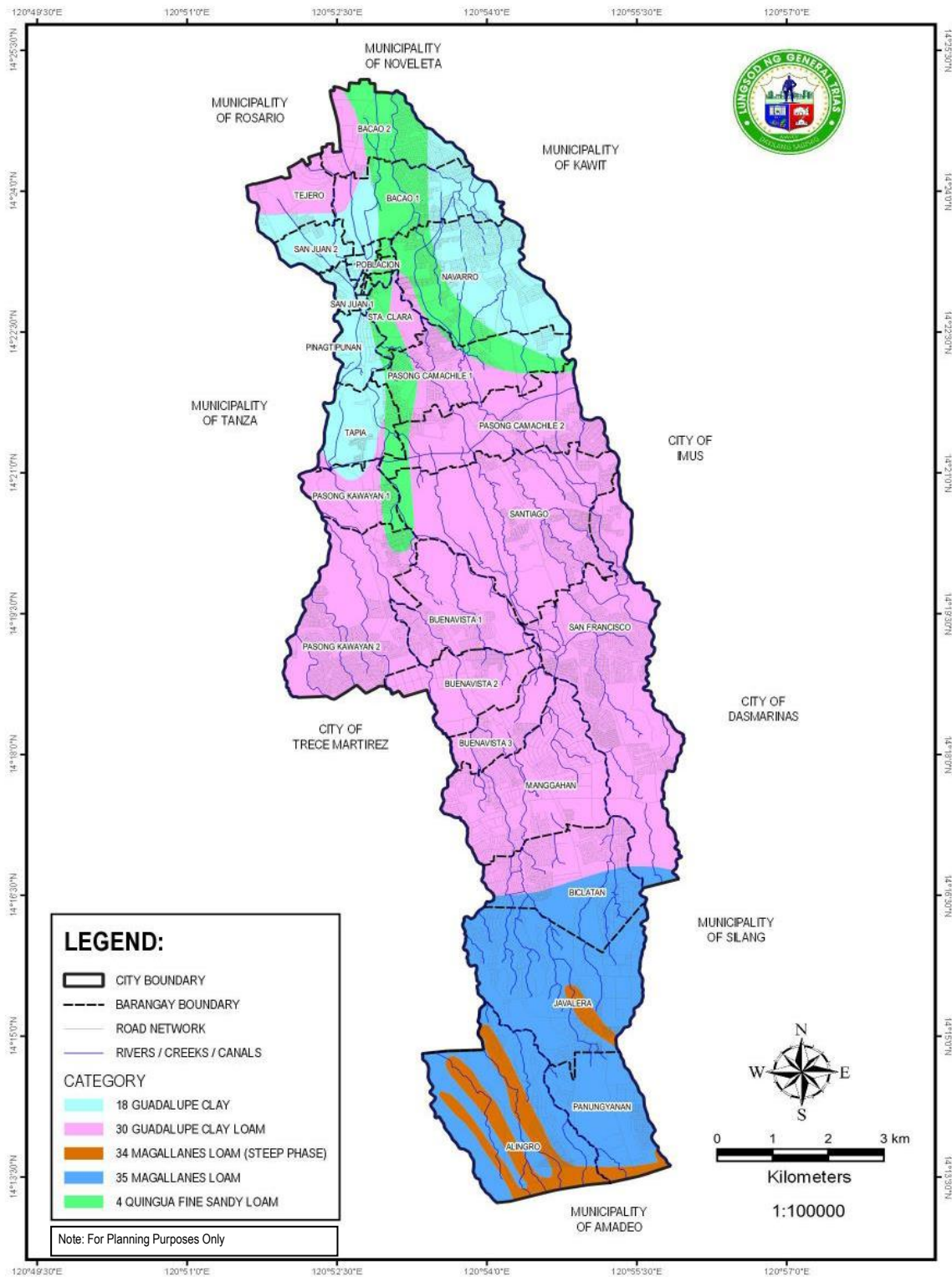
Source: CPDO, City of General Trias, Cavite



SLOPE MAP

Map Projection : WGS 84
 Data Source : NAMRIA, CPDC, BSWM
 Prepared By : CPDC Office

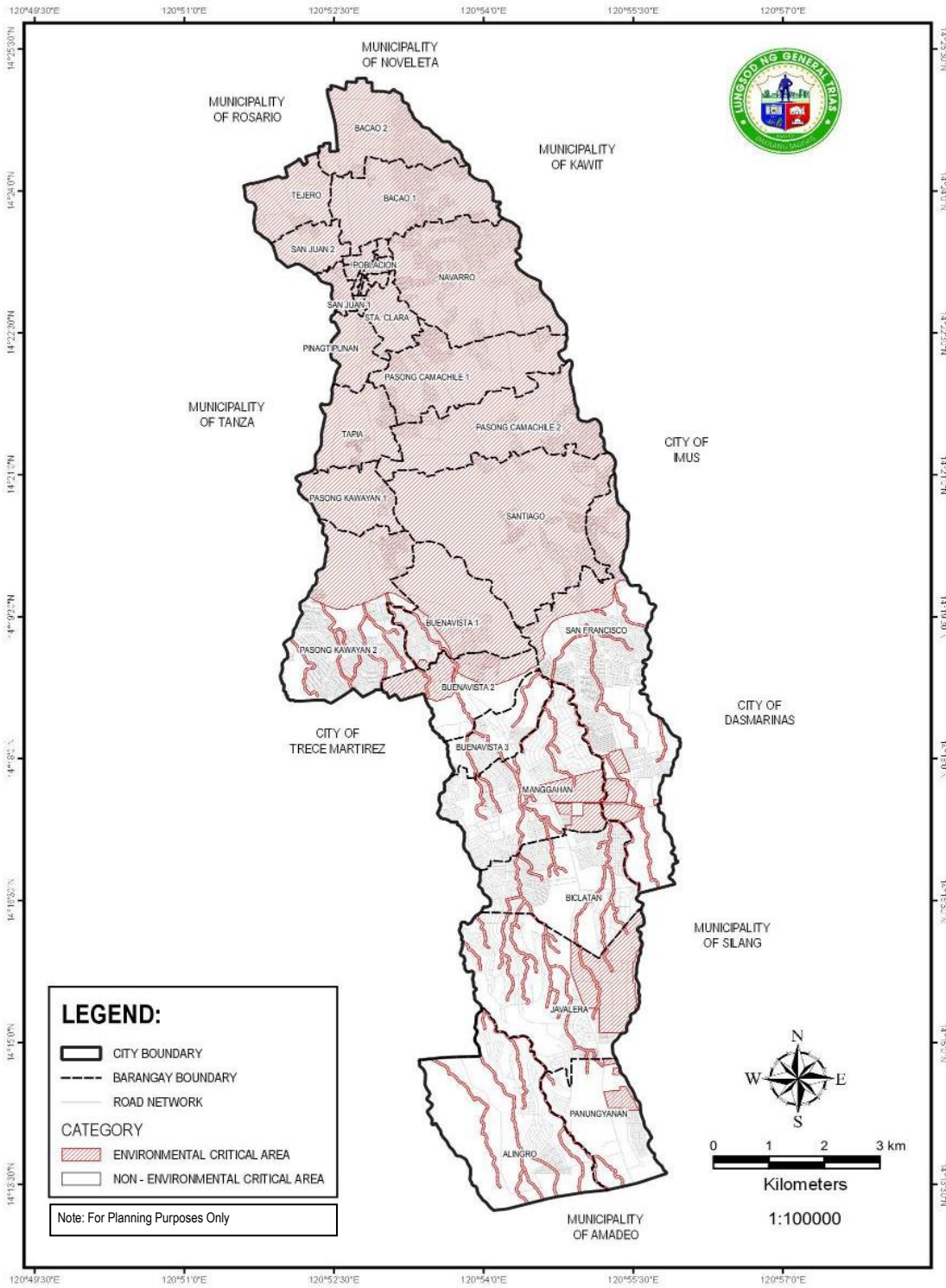
Map 3. Slope Map, City of General Trias, Cavite
 Source: CPDO, City of General Trias, Cavite



SOIL MAP

Map Projection : WGS 84
 Data Source : NAMRIA, CPDC, BSWM
 Prepared By : CPDC Office

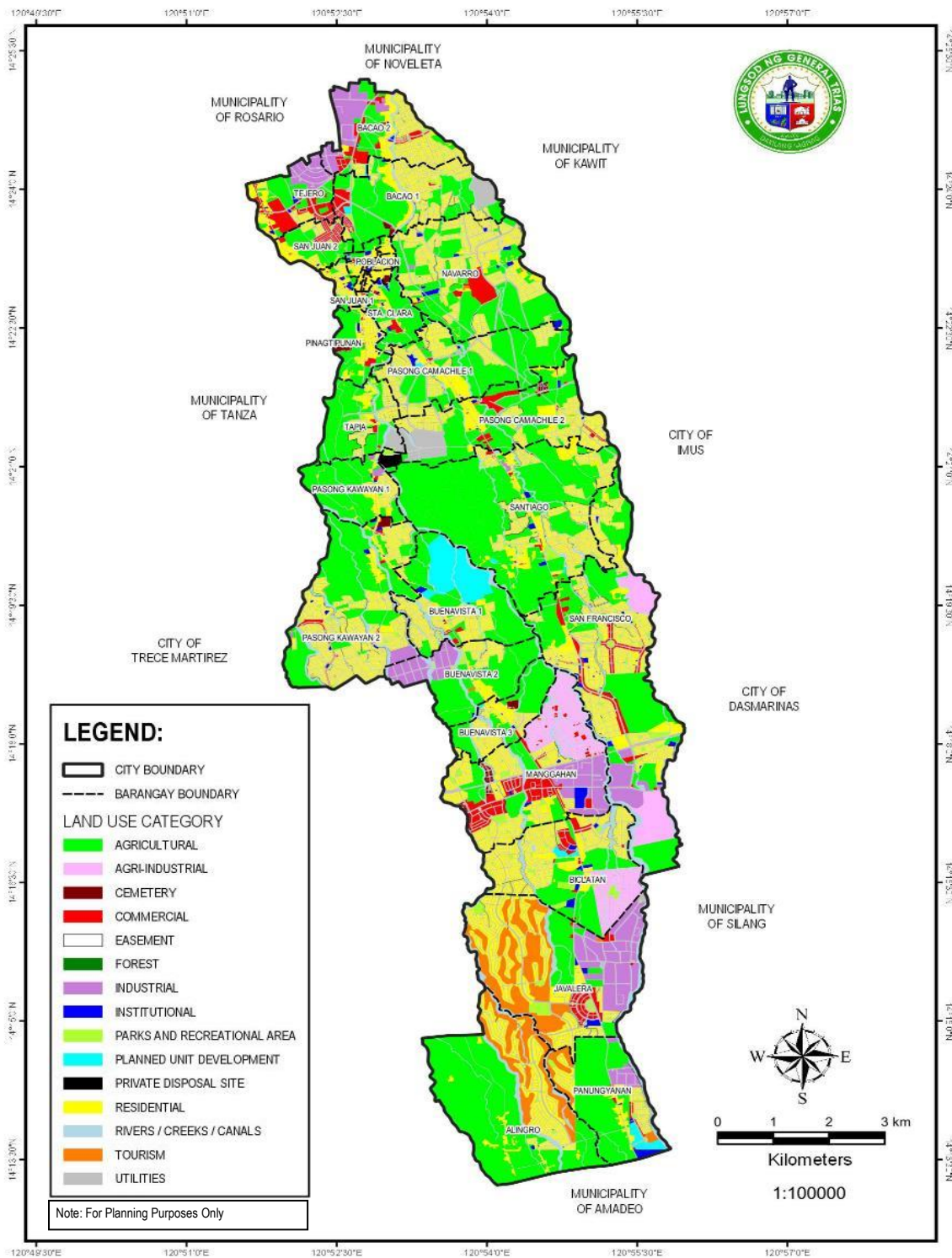
Map 4. Soil Classification Map, City of General Trias, Cavite
 Source: CPDO, City of General Trias, Cavite



LAND SUITABILITY MAP

Map Projection : WGS 84
 Data Source : NAMRIA, CPDC
 BSWM
 Prepared By : CPDC Office

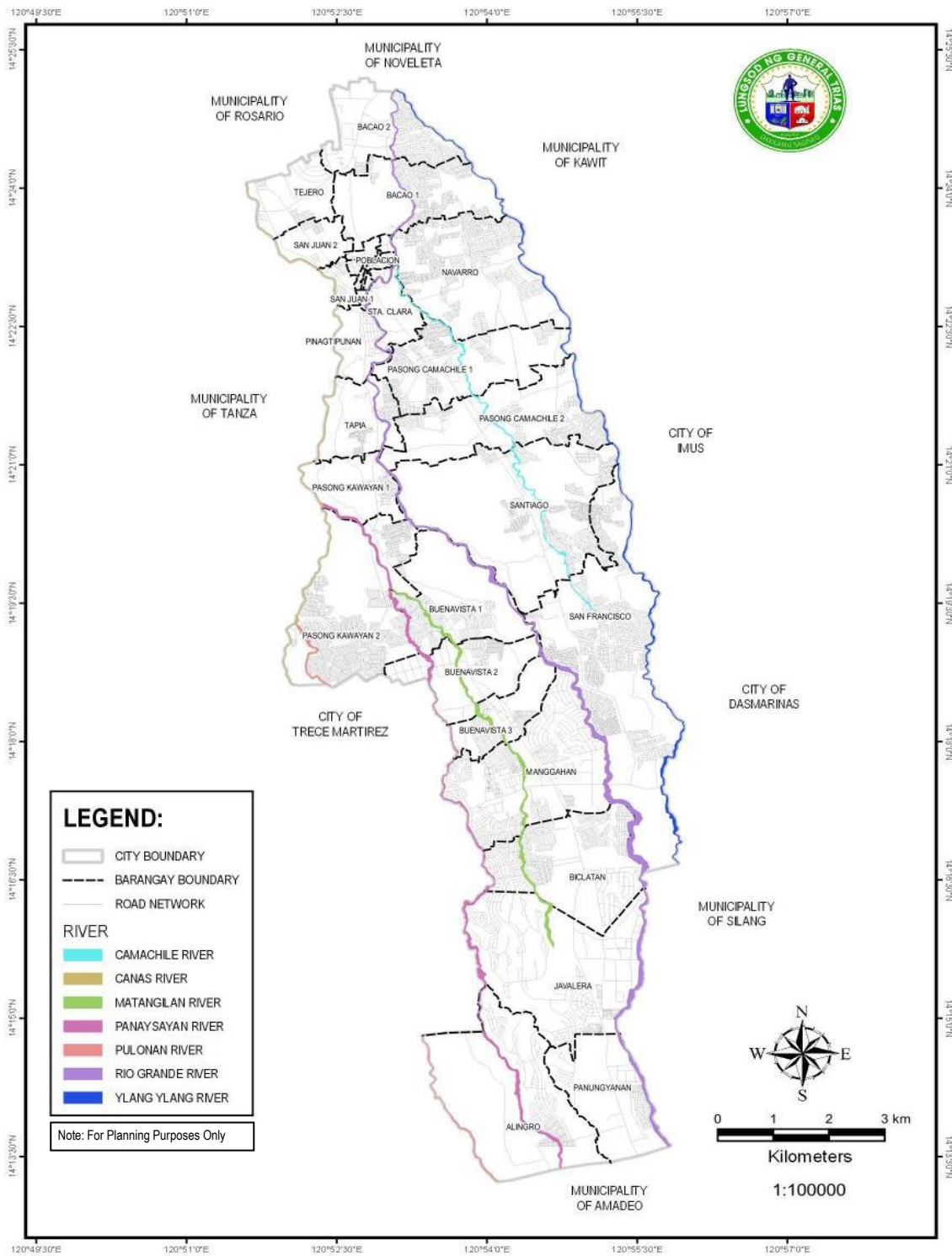
Map 5. Land Suitability Map, City of General Trias, Cavite
 Source: CPDO, City of General Trias, Cavite



LAND USE MAP

Map Projection : WGS 84
 Data Source : NAMRIA, CPDC
 Prepared By : CPDC Office

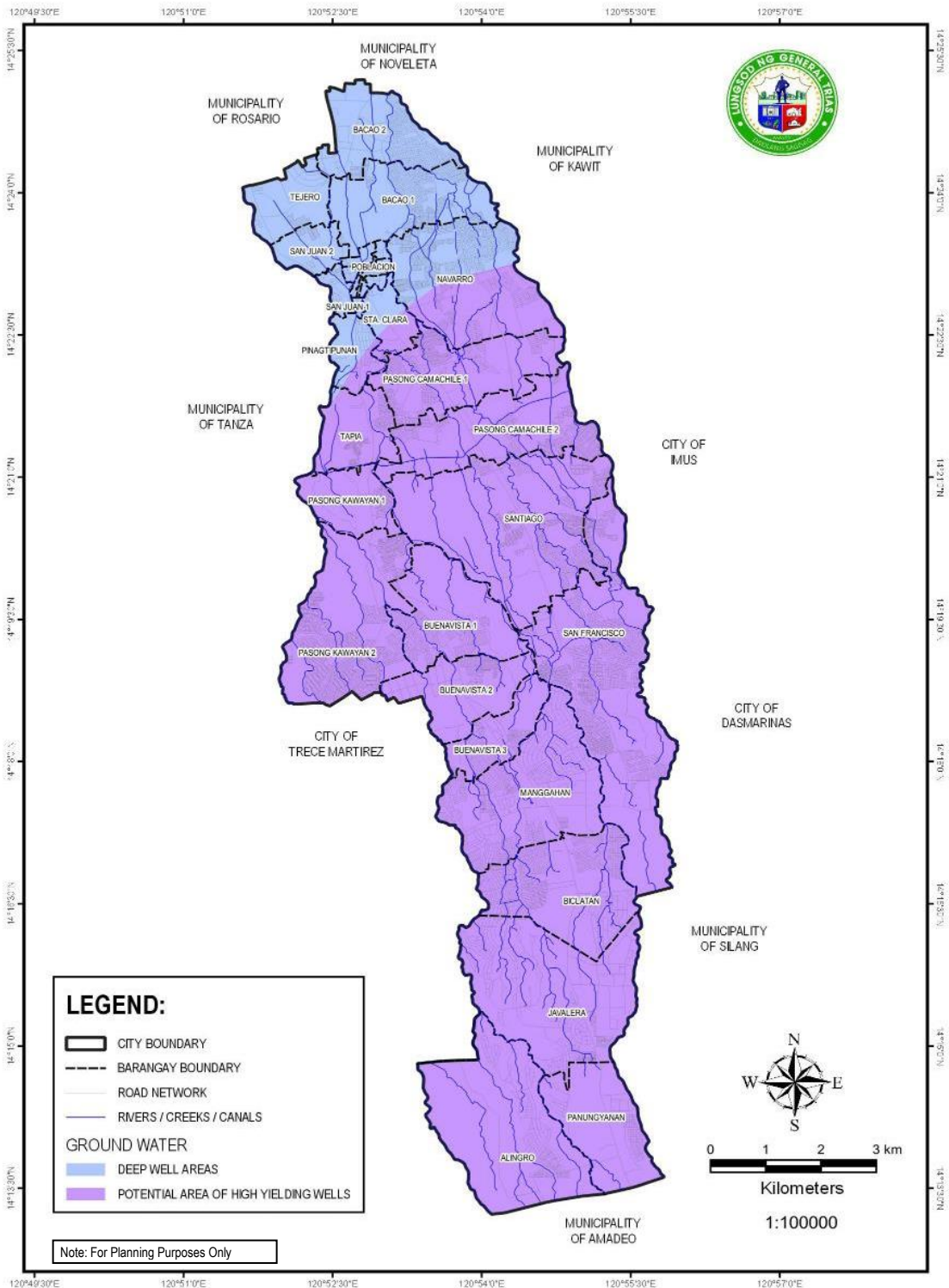
Map 6. Existing Land Use Map (2018), City of General Trias, Cavite
 Source: CPDO, City of General Trias, Cavite



RIVER MAP

Map Projection : WGS 84
Data Source : NAMRIA, CPDC
Prepared By : CPDC Office

Map 7. River Map, City of General Trias, Cavite
Source: CPDO, City of General Trias, Cavite



GROUNDWATER AREAS MAP

Map Projection : WGS 84
 Data Source : NAMRIA, CPDC
 BSWM
 Prepared By : CPDC Office

Map 8. Groundwater Areas Map, City of General Trias, Cavite
 Source: CPDO, City of General Trias, Cavite

C. POPULATION AND DEMOGRAPHIC PROFILE

Total Population

The City of General Trias has a total population of 314,303 as of POPCEN 2015. It is ranked fourth as the most populous city in the province of Cavite which population reached 3,678,301 in the same census year. The Province of Cavite remained as the most populous province since the previous census year, 2010, followed by Bulacan and Pangasinan, which were both surpassed by Cavite in 2000.

The population is observed to be doubling over a period of 10 years since 1990, with an average annual growth rate of 7.11% for 1990-2000 and 8.49% for 2000-2010.

In the most recent census years, the annual population growth rate of the City is decreasing (**Figure 3**). This implies low population growth for the succeeding years.

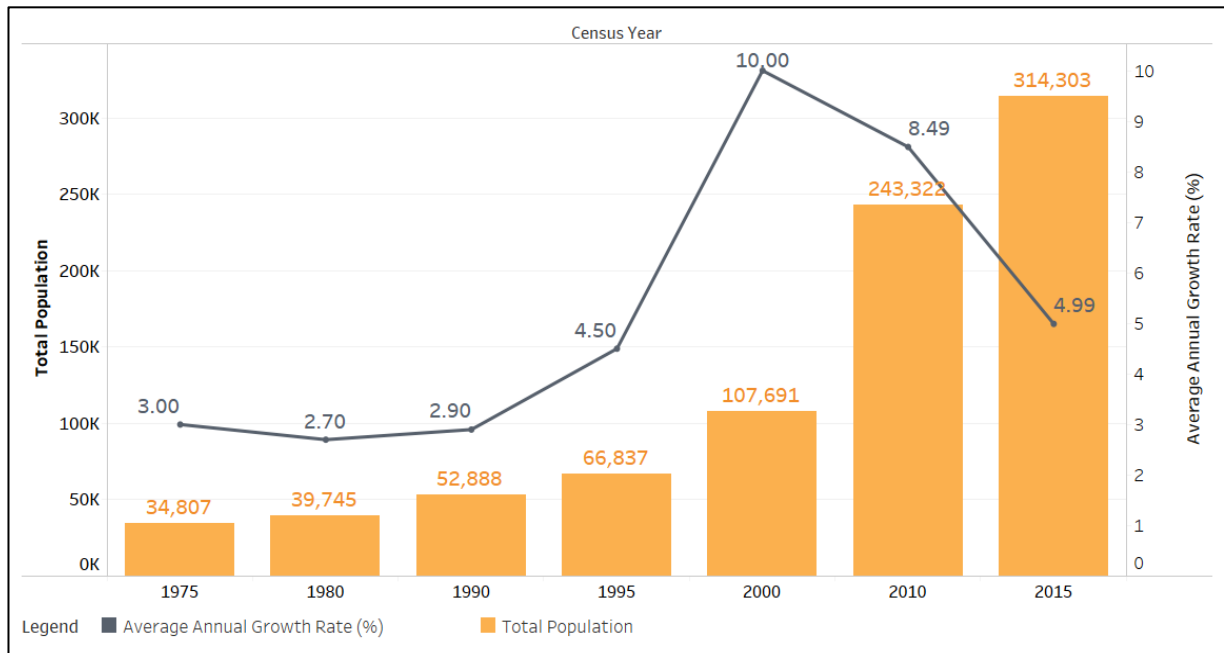


Figure 3. Total Population and Annual Growth Rate (1975-2015)

Source: Philippine Statistics Authority (2015)

Population Distribution

The most populous barangays are located in the eastern portion of the City which are closest to Imus City and the City of Dasmariñas. Barangay San Francisco having 74,344 population, or 24% of the total population has the highest count among the 33 barangays in the City. Conversely, Governor Ferrer has the lowest population at 276, or 0.09% of the total population. Barangay Navarro almost doubled its population from 7,526 in 2010 to 14,763 in 2015. This is followed by Buenavista I and Santiago. The increase in population is commonly attributed by the presence of access roads and increased in economic activities within the area (**Table 4**).

Table 4. Population Distribution by Barangay (2015), City of General Trias, Cavite

Barangay	No. of HHs (2015)	Total Population (2015)			Total Population (2010)	Growth Rate (% Increase/Decrease)
		Male	Female	Total		
1896 (Pob)	136	272	259	531	592	-10.30
Alingaro	963	1,774	1,981	3,755	2,800	34.11
Arnaldo (Pob)	250	519	456	975	917	6.32
Bacao I	1,534	2,931	3,050	5,981	5,366	11.46
Bacao II	1,961	3,776	3,870	7,646	6,762	13.07
Bagumbayan (Pob)	268	523	521	1,044	1,060	-1.51
Biclatan	3,770	6,928	7,775	14,703	11,358	29.45
Buenavista I	1,434	2,666	2,927	5,593	3,194	75.11
Buenavista II	2,539	4,904	4,998	9,902	7,244	36.69
Buenavista III	2,063	3,880	4,167	8,047	5,982	34.52
Corregidor (Pob)	292	590	547	1,137	1,139	-0.18
Dulongbayan (Pob)	234	482	430	912	901	1.22
Governor Ferrer (Pob)	71	136	140	276	312	-11.54
Javalera	1,377	2,237	3,133	5,370	5,095	5.40
Manggahan	4,009	7,704	7,932	15,636	13,482	15.98
Navarro	3,785	8,314	6,449	14,763	7,526	96.16
Panungyanan	741	1,397	1,494	2,891	2,430	18.97
Pasong Camachile I	5,104	9,565	10,341	19,906	17,260	15.33
Pasong Camachile II	8,027	15,302	16,004	31,306	20,942	49.49
Pinagtipunan	1,746	3,324	3,485	6,809	3,358	16.68
Pasong Kawayan I	1,005	1,971	1,947	3,918	17,135	61.43
Pasong Kawayan II	7,093	13,819	13,842	27,661	6,312	7.87
Prinza (Pob)	190	363	377	740	675	9.63
Sampalucan (Pob)	293	545	599	1,144	1,083	5.63
San Francisco	19,063	36,482	37,862	74,344	63,877	16.39
San Gabriel (Pob)	512	961	1,035	1,996	1,913	4.34
San Juan I	1,381	2,579	2,807	5,386	4,951	8.79
San Juan II	1,275	2,448	2,523	4,971	3,634	36.79
Sta. Clara	896	1,742	1,753	3,495	3,510	-0.43
Santiago	5,827	10,951	11,776	22,727	13,177	72.47
Tapia	678	1,286	1,357	2,643	2,553	3.53
Tejero	1,801	3,658	3,366	7,024	5,756	22.03
Vibora (Pob)	275	504	567	1,071	1,026	4.39
Total	80,593	154,533	159,770	314,303	243,322	689.29

Source: PSA (2015)

Population Density

In 2010, the population density of General Trias was at 28 persons per hectare. It increased by 8.16% in five (5) years, or at 35 persons per hectare in 2015. Barangay San Gabriel (Pob) was the most densely populated among the 33 barangays with 320 persons per hectare. This was followed by Arnaldo (Pob) at 261 persons per hectare and Corregidor at 150 persons per hectare.

In contrast, Barangays Alingaro, Javalera and Panungyanan have the lowest population density at 6, 8 and 9 persons per hectare, respectively. Despite having the lowest population densities, however, these three (3) barangays were observed to gain significant increase in population from 2010 to 2015 (**Table 5**). This may entail high in-migration to agricultural and eco-tourism areas.

Table 5. Population Density by Barangay (2015), City of General Trias, Cavite

Barangay	2015 Population	Land Area (ha.)	Population Density
1896 (Pob)	531	4.29	124
Alingaro	3,755	678.83	6
Arnaldo (Pob)	975	3.73	261
Bacao I	5,981	355.84	17
Bacao II	7,646	282.07	27
Bagumbayan (Pob)	1,044	8.14	128
Biclatan	14,703	465.76	32
Buenavista I	5,593	363.37	15
Buenavista II	9,902	268.15	37
Buenavista III	8,047	170.23	47
Corregidor (Pob)	1,137	7.57	150
Dulongbayan (Pob)	912	8.47	108
Governor Ferrer (Pob)	276	1.97	140
Javalera	5,370	698.71	8
Manggahan	15,636	571.87	27
Navarro	14,763	534.25	28
Panungyanan	2,891	327.91	9
Pasong Camachile I	19,906	395.21	50
Pasong Camachile II	31,306	443.70	71
Pasong Kawayan I	3,918	179.65	22
Pasong Kawayan II	27,661	593.95	47
Pinagtipunan	6,809	106.96	64
Prinza (Pob)	740	6.49	114
Sampalucan (Pob)	1,144	18.46	62
San Francisco	74,344	934.09	80
San Gabriel (Pob)	1,996	6.23	320
San Juan I	5,386	37.61	143
San Juan II	4,971	97.39	51

Barangay	2015 Population	Land Area (ha.)	Population Density
Santiago	22,727	846.54	27
Sta. Clara	3,495	99.68	35
Tapia	2,643	195.95	13
Tejero	7,024	168.32	42
Vibora (Pob)	1,071	8.70	123
Total	314,303	8,890.09	35

Source: Philippine Statistics Authority (2015)

Population Projection

Using geometric population projection with a growth rate of 5.12%, General Trias will record a total population of 677,407 by 2030. However, the population will not double by that year, different from the doubling trend of population every 10 years from 1990-2010 (Figure 4).

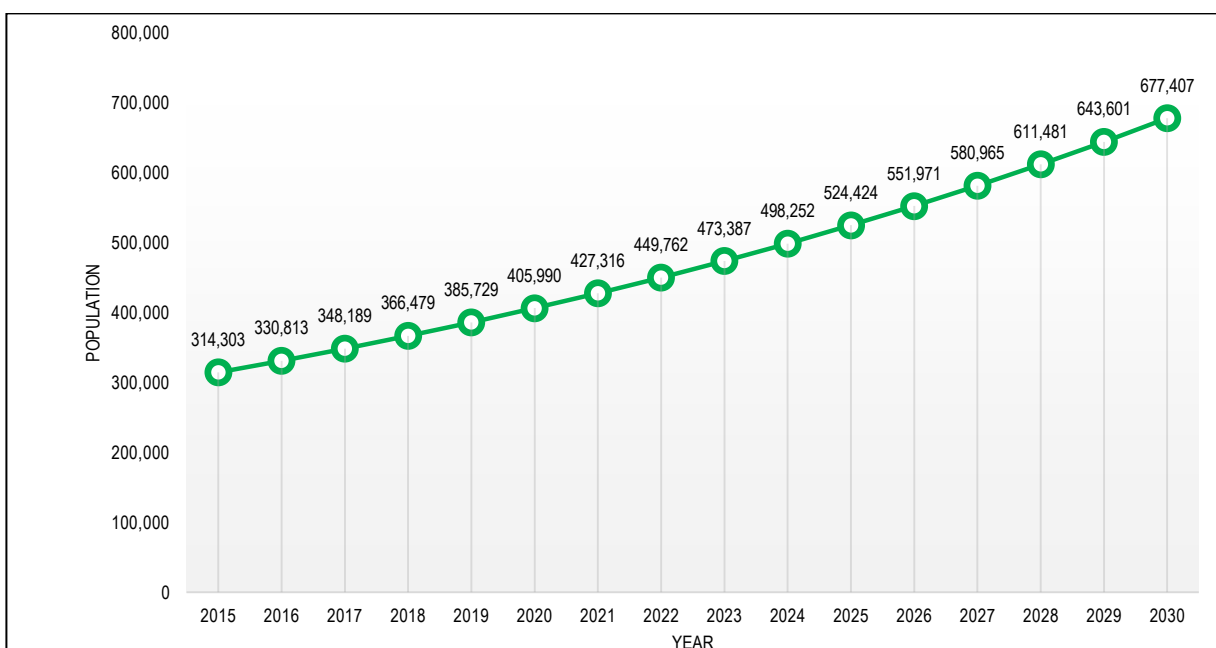


Figure 4. Population Projection (2015-2030), City of General Trias, Cavite

Urban-Rural Distribution

The tempo of urbanization is an indicator to express the speed at which an area is moving toward an urban classification. This is calculated by taking the difference between the growth rate of urban population and growth rate of rural population. The average urban growth rate of General Trias was computed at 32.07 while the average rural growth rate was at 7.47. This yields a tempo of urbanization at 24.60.

Migration Patterns

According to the 2010 POPCEN, out of the 59,920 households in General Trias, 96.32% or 57,715 households prefer to stay in the same province and city/municipality for the next five (5) years.

Aside from the households who prefer staying in General Trias, there are 490 households who considered moving to a different province, 234 households who are likely to move to a different city/municipality within the Province of Cavite, and 127 households who intend to migrate in a foreign country (Table 6). In-migration may have occurred due to the possible economic opportunities that the City has to offer as it transitioned to a first class city last 2015.

Table 6. Households Reporting Intention to Reside in the City/Municipality of Residence 5 Years From Date of Census by City/Municipality of Present Residence, Cavite Province, 2010

City/Municipality	Total Number of Households	Residence Five Years From Now				
		Same Province/Municipality	Same Province Different Municipality	Different Province	Foreign Country	Not Reported
CAVITE	703,841	684,309	1,919	4,648	1,876	11,090
Alfonso	10,694	10,589	10	20	20	54
Amadeo	7,596	7,509	31	20	15	21
Bacoor	120,092	117,005	177	782	418	1,710
Carmona	18,012	17,563	44	285	33	89
Cavite City	22,915	22,382	161	83	75	215
City of Dasmariñas	126,229	122,833	245	864	359	1,928
General Emilio Aguinaldo	3,761	3,730	5	5	11	11
General Trias	59,920	57,715	234	490	127	1,354
City of Imus	72,182	68,631	228	499	355	2,470
Indang	13,911	13,605	31	55	20	200
Kawit	17,646	17,133	85	94	80	254
Magallanes	4,461	4,420	5	0	0	36
Maragondon	7,701	7,606	33	25	0	37
Mendez	6,379	6,219	35	30	15	81
Naic	19,951	19,761	35	46	44	65
Noveleta	9,799	9,451	67	64	25	192
Rosario	22,188	21,474	38	206	6	463
Silang	45,638	44,926	50	193	75	394
Tagaytay City	13,391	12,974	21	119	55	222
Tanza	43,681	41,821	275	512	64	1,009
Ternate	4,166	4,161	0	0	5	0
Trece Martires City	23,728	23,227	85	181	65	170
Gen. Mariano Alvarez	29,800	29,575	25	75	10	115

Note: Figures are based on 20-percent sample households. Details may not add up to total due to rounding off

Source: 2010 Census of Population and Housing, PSA

Household Population

There was a significant decrease in the household size in 2015 at 3.9 compared to the preceding census year 2010 which recorded at 4.6 (Table 7).

Table 7. Household Size (1995-2015), City of General Trias, Cavite

Year	Household Population	Number of Households	Household Size
1995	66,502	13,743	4.8
2000	107,077	23,299	4.6
2010	241,935	52,595	4.6
2015	314,303	80,142	3.9

Source: PSA (2015)

Age-Sex Distribution

General Trias has an expansive population, which indicates a relatively high birth rates and high death rates from the older age group. However, this also implies low life expectancy. Females have higher population than males across all age groups with a ratio of 97 percent (Figure 5).

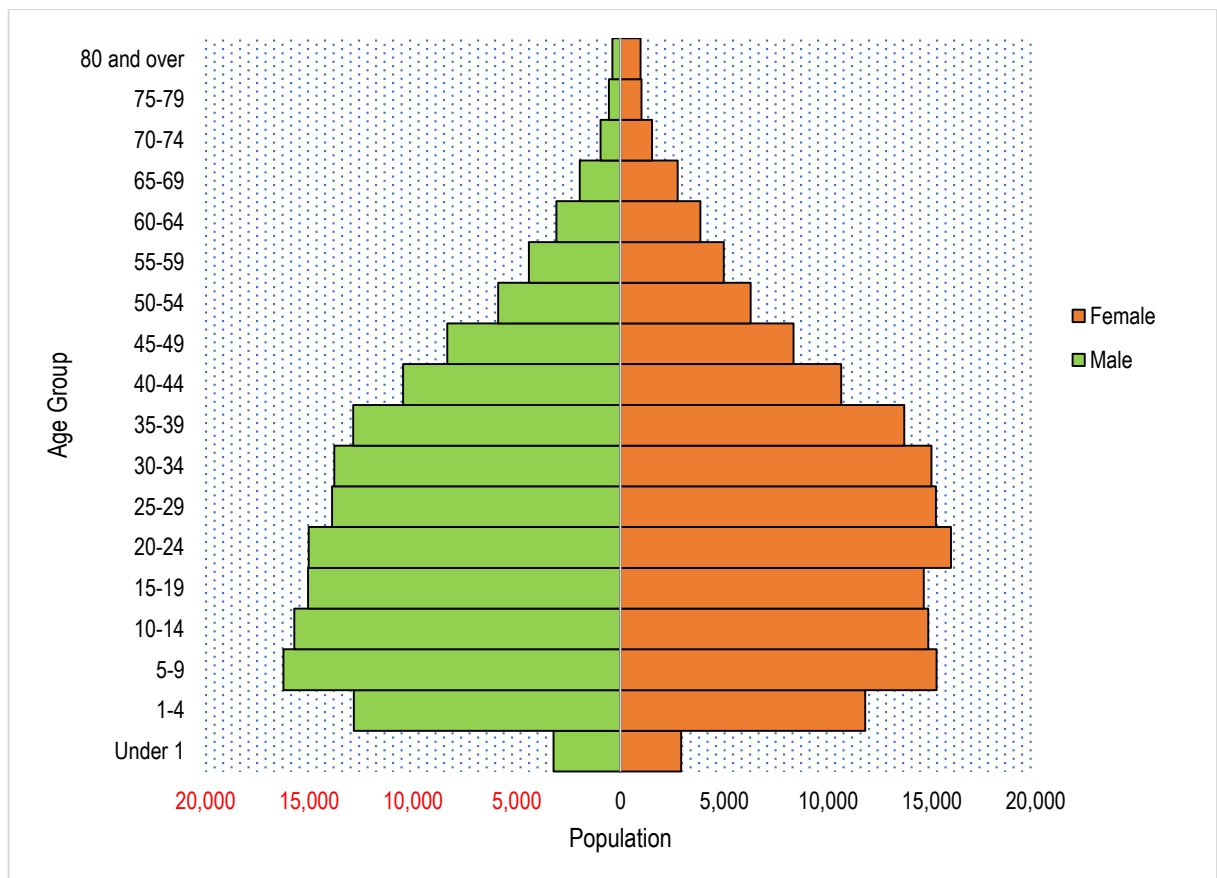


Figure 5. Population Pyramid (2015), City of General Trias, Cavite

Source: PSA

The percentage of male and female is almost evenly distributed for all age groups as presented in the table below. There is a large percentage of the population belonging to the school age population (5 to 24 years old) which accounts to a total of 122,612 individuals or an equivalent to 39.01% of the total population. Moreover, 67.24% belong to the working population (15 to 64 years old) while the dependent population (below 15 years old and above 64 years old) has a share of 32.76% of the total population (**Table 8**).

Table 8. Total Household Population by Age-Group and Sex (2015), City of General Trias, Cavite

Age Group	Both Sexes	Male	Female
Under 1	6,161	3,235	2,926
1 - 4	24,656	12,856	11,800
5 - 9	31,470	16,243	15,227
10 - 14	30,536	15,712	14,824
15 - 19	29,659	15,050	14,609
20 - 24	30,947	15,028	15,919
25 - 29	29,102	13,903	15,199
30 - 34	28,778	13,793	14,985
35 - 39	26,565	12,884	13,681
40 - 44	21,112	10,482	10,630
45 - 49	16,691	8,352	8,339
50 - 54	12,157	5,889	6,268
55 - 59	9,396	4,412	4,984
60 - 64	6,931	3,086	3,845
65 - 69	4,723	1,967	2,756
70 - 74	2,483	967	1,516
75 - 79	1,576	566	1,010
80 & over	1,360	394	966
Total	314,303	154,819	159,484

Source: 2015 Census of Population and Housing, PSA

Age Dependency Ratio

The younger dependent population (ages 0-14) totals 92,823 where 48,046 are male and 44,777 are female. The old dependent population (ages 65 and over) totals 10,142 where 3,894 are male, and 6,248 are female. This means that the City has 49 dependents for every 100 working-age population.

By 2025, the young dependents are projected to be at 152,757 and the old dependents at 16,570 or total dependents at 169,327 (**Table 9**). With the projected labor force of 347,975, the City will remain to have 49 dependents for every 100 working-age population.

Table 9. Projected Labor Force and Dependent Population (2020-2025), City of General Trias, Cavite

Age Group	2015 Pop	Participation Rate	2020	2021	2022	2023	2024	2025
Total Population	314,303	100.00%	403,426	424,079	445,789	468,611	492,602	517,820
Labor Force (15-64 yo)	211,338	67.24%	271,102	284,981	299,570	314,907	331,029	347,975
Young (0-14 yo)	92,823	29.53%	119,011	125,103	131,508	138,240	145,318	152,757
Old (65 yo-over)	10,142	3.23%	12,910	13,570	14,265	14,996	15,763	16,570
Total Dependents	102,965	32.76%	13,029	138,673	145,773	153,236	161,081	169,327

Source: Ecological Profile, City of General Trias, Cavite

Marital Status

General Trias has a total of 252,016 population 10 years old and over based on the 2015 POPCEN. Out of which were 108,724 single, 94,088 married, 9,071 widowed, 5,470 divorced or separated, 34,653 common-law or live-in, and 10 have unknown marital status (Table 10).

Table 10. Marital Status, Population 10 years old and over (2015), City of General Trias, Cavite

Age Group	Total Pop 10 yo old and over	Single	Married	Widowed	Divorced/ Separated	Common -Law/ Live-in	Unknown
Below 20	60,195	58,610	170	1	44	1,370	-
20 - 24	30,947	22,149	2,616	19	267	5,896	-
25 - 29	29,102	12,174	8,469	70	447	7,940	2
30 - 34	28,778	6,073	15,310	130	662	6,602	1
35 - 39	26,565	3,306	17,462	228	865	4,703	1
40 - 44	21,112	2,020	14,777	391	809	3,113	2
45 - 49	16,691	1,569	11,713	588	697	2,123	1
50 - 54	12,157	1,055	8,352	910	578	1,262	-
55 - 59	9,396	706	6,236	1,169	483	802	-
60 - 64	6,931	417	4,238	1,475	320	481	-
65 - 69	4,723	306	2,641	1,411	173	191	1
70 - 74	2,483	133	1,179	1,011	74	86	-
75 - 79	1,576	102	577	809	34	53	1
80 years and over	1,360	104	348	859	17	31	1
Total	252,016	108,724	94,088	9,071	5,470	34,653	10

Source: PSA (2015)

Headship of the Family

Majority of the head of households (HHs) in General Trias have ages ranging from 30 to 49 years old. It can also be observed that a larger percentage (75.58%) of HH heads are comprised of male. The total number of HHs in the City headed by males sums up to 60,574 HHs and out of these, 32.67% (19,788 HHs) have family heads with ages ranging from 30 to 39 years old. Meanwhile, 26.18% (15,860 HHs) of these have heads between 40 to 49 years old.

The total number of families with female heads is 19,568 which is equivalent to 24.42% of the total HH count in the City. The age of female family heads is younger compared to males. Majority of them belong to the 20-29 and 30-39 years old age groups. These two (2) age groups already comprise 43.88% of the total households with female heads. In addition, there is a large number of households heads ranging from 40 to 59 years old and they account to 35.85% of this household group headed by females.

Overall, it can be seen that there are a few households whose age of family heads are below 20 years old and above 80 years. From the total number of households, about 1.07% is headed by individuals below 20 years old and 0.75% is have household heads above 80 years old (**Table 11**).

Table 11. Number of HHs by Age Group, Sex of HH Head, (2015), City of General Trias, Cavite

Age Group of the Household Head	Total Number of Households	Male Household Head	Female Household Head
Below 20	860	520	340
20 - 29	14,438	10,317	4,121
30 - 39	24,254	19,788	4,466
40 - 49	19,669	15,860	3,809
50 - 59	11,945	8,738	3,207
60 - 69	6,285	4,026	2,259
70 - 79	2,088	1,087	1,001
80 years and over	603	238	365
Total	80,142	60,574	19,568

Source: PSA (2015)

Education and Literacy

Literacy

Based on the data from PSA 2015 POPCEN, 99.63% of the total HH population are literate and a bigger share of this are females. There are about 918 persons recorded as illiterate and majority of them belong to the 80 years old and above age group which has a share of 26.69% of the total illiterate households. This is followed by 15-19 age group with 12.20% and 10-14 age group which accounts to 11.87% of the total illiterate HHs (**Table 12**).

Table 12. Literacy of 10 Years Old and Over (2015), City of General Trias, Cavite

Age Group	Household Population 10 years old and over			Literate		
	Both Sexes	Male	Female	Both Sexes	Male	Female
10 - 14	30,480	15,688	14,792	30,371	15,628	14,743
15 - 19	29,519	14,935	14,584	29,407	14,872	14,535
20 - 24	30,817	14,924	15,893	30,730	14,876	15,854
25 - 29	29,011	13,831	15,180	28,953	13,796	15,157
30 - 34	28,708	13,731	14,977	28,654	13,699	14,955
35 - 39	26,504	12,826	13,678	26,456	12,802	13,654
40 - 44	21,071	10,445	10,626	21,025	10,412	10,613
45 - 49	16,655	8,317	8,338	16,605	8,285	8,320
50 - 54	12,142	5,874	6,268	12,103	5,848	6,255
55 - 59	9,387	4,405	4,982	9,352	4,393	4,959
60 - 64	6,926	3,082	3,844	6,891	3,060	3,831
65 years old and over	10,122	3,892	6,230	9,877	3,819	6,058
Total	251,342	121,950	129,392	250,424	121,490	128,934

Source: 2015 Census of Population, PSA

School-Age Population

The City recorded a total of 122,264 HH population 5 to 24 years old based on the PSA (2015) data. Out of which, 82,233 or 67.26% were attending school wherein 68.50% are male and 65.99% are female (Table 13).

Table 13. School Age Population/ Household Population (Age 5-24) Who Were Currently Attending School by Age Group, Sex (2015), City of General Trias, Cavite

Age Group	Household Population 5 to 24 Years Old			Household Population 5 to 24 Years Old Who Were Currently Attending School			Percent of Household Population 5 to 24 Years Old Who Were Currently Attending School		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
5 - 9	31,448	16,229	15,219	30,113	15,482	14,631	95.75	95.40	96.14
10 - 14	30,480	15,688	14,792	29,760	15,282	14,478	97.64	97.41	97.88
15 - 19	29,519	14,935	14,584	18,833	9,611	9,222	63.80	64.35	63.23
20 - 24	30,817	14,924	15,893	3,527	1,943	1,584	11.44	13.02	9.97
Total	122,264	61,776	60,488	82,233	42,318	39,915	67.26	68.50	65.99

Source: PSA (2015), Ecological Profile of the City of General Trias, Cavite

Levels of Education

About 32.67% (92,623) of the total population 5 years and over in the City are high school graduates, while 15.51% (43,956) have post-secondary education such as post-secondary undergraduate (367), post-

secondary graduate (7,191) and college undergraduate (36,398). Whereas a total of 38,553 have academic degrees including 189 with post baccalaureate degrees (Table 14).

Table 14. Total Population 5 Years Old and Over by Highest Grade/Year Completed, by Sex (2015), City of General Trias, Cavite

Highest Grade/Year Completed	Population 5 Years Old and Over		
	Both Sexes	Male	Female
No Grade Completed	5,258	2,749	2,509
Pre-School	7,380	3,839	3,541
Special Education	156	101	55
Elementary	64,894	33,012	31,882
High School Undergraduate	30,660	15,545	15,115
High School Graduate	92,623	44,621	48,002
Post-Secondary Undergraduate	367	168	199
Post-Secondary Graduate	7,191	3,008	4,183
College Undergraduate	36,398	17,726	18,672
Academic Degree Holder	38,364	17,866	20,498
Post Baccalaureate	189	91	98
Not Stated	6	2	4
Total	283,486	138,728	144,758

Source: PSA (2015)

Persons with Disability (PWD)

As of 2017, the City Social Welfare and Development Office (CSWDO) registered their total PWD at 771. The following numbers are those living according to their type of disability: 26 with muteness, 71 with blindness, 50 with deafness and muteness, 21 with speech impairment, 0 with mental illnesses, 113 with mental retardation, 293 with orthopedic handicap, 164 with multiple disability (Table 15).

Table 15. Number of PWD by Type of Disability (2017), City of General Trias, Cavite

Type of Disability	Number of PWD
Muteness	26
Blindness	71
Deafness and Muteness	50
Speech Impairment	21
Mental Illnesses	0
Intellectual Disability (Mental Retardation)	113
Orthopedic Handicap	293
Multiple Disability	164
Total	738

Source: CSWDO (2017), City of General Trias, Cavite

Religious Affiliation

Using the City's participation rate against the PSA (2015) data on religious affiliation of the Province of Cavite, majority or about 86% of the population in General Trias are Roman Catholics, including Catholic Charismatic (**Table 16**). Participation rate is derived by multiplying the quotient of General Trias' population over the total population of the Province of Cavite against the provincial census of population by religious affiliation.

Table 16. Religious Affiliation (2015), City of General Trias, Cavite

Religious Affiliation	Estimated Population
Aglipay	1,440
Association of Baptist Churches in Luzon, Visayas, and Mindanao	22
Association of Fundamental Baptist Churches in the Philippines	3
Bible Baptist Church	569
Bread of Life Ministries	7
Buddhist	96
Cathedral of Praise, Incorporated	20
Church of Christ	654
Church of Jesus Christ of the Latter Day Saints	589
Convention of the Philippine Baptist Church	3
Crusaders of the Divine Church of Christ, Incorporated	3
Door of Faith	41
Evangelical Christian Outreach Foundation	93
Evangelicals (Philippine Council of Evangelical Churches)	2,992
Faith Tabernacle Church (Living Rock Ministries)	6
Good News Christian Churches	5
Higher Ground Baptist Mission	0
Iglesia Evangelica Unida de Cristo	21
Iglesia ni Cristo	11,479
Iglesia sa Dios Espiritu Santo, Incorporated	57
International Baptist Missionary Fellowship	3
International One Way Outreach	8
Islam	2,754
Jehovah's Witness	1,072
Jesus is Alive Community, Incorporated	8
Jesus is Lord Church	1,251
Love of Christ International Ministries	26
Lutheran Church of the Philippines	3
Miracle Revival Church of the Philippines	9
Missionary Baptist Churches of the Philippines	8
National Council of Churches in the Philippines	287
Philippine Benevolent Missionaries Association	1
Philippine Ecumenical Christian Church	3

Religious Affiliation	Estimated Population
Philippine Good News Ministries	2
Philippine Grace Gospel	34
Philippine Independent Catholic Church	55
Potter's House Christian Center	11
Roman Catholic, including Catholic Charismatic	269,238
Salvation Army, Philippines	9
Seventh Day Adventist	1,684
Things to Come	3
UNIDA Evangelical Church	251
Union Espiritista Cristiana de Filipinas, Incorporated	3
United Church of Christ in the Philippines	386
United Pentecostal Church (Philippines), Incorporated	121
Victory Chapel Christian Fellowship	148
Way of Salvation Church, Incorporated	2
Other Baptists	1,801
Other Protestants	1,790
Other Religious Affiliations	15,219
Tribal Religions	0
None	12
Not Reported	4
Total	314,303

Source: PSA (2015); Computed using participation rate of General Trias' population to the province.

Language and Dialects

The latest available data for language and dialects in the City is from the 2010 PSA census. It shows that there are 56 major language and dialects spoken in General Trias of which majority (97.22%) of the HHs use Tagalog as their primary dialect at home.

Some of the HHs in the City originated from the far northern and southern provinces of the country. Thus, other languages and dialects are also being spoken including Bikol/Bicol (202 households), Bisaya/Binisaya (492 households), Cebuano (72 households), Hiligaynon/Ilonggo (134 households), Ilocano (117 households), Maranao (98 households), and Waray (115 households) (**Table 17**).

Table 17. Number of HHs by Language Generally Spoken (2010), City of General Trias, Cavite

Dialect/Language	Estimated HH Population
Abeling/Abellen/Aberling/Aborlin	1
Adasen	1
Agutaynen	2
Akeanon	1
Ata	1
Badjao	1

Dialect/Language	Estimated HH Population
Bantoanon	1
Batak	1
Batangan	1
Bikol/Bicol	202
Binongan	2
Bisaya/Binisaya	492
Boholano	4
Bukidnon	1
Cagayanen	2
Capizeño	1
Caviteño	216
Caviteño-Chavacano	23
Cebuano	72
Chinese	5
Cotabateño	1
Cotabateño-Chavacano	2
Davao-Chavacano	2
Dibaben	3
Gubatnon	1
Hiligaynon/Ilonggo	134
Ibanag	5
Ifugao	3
Ilocano	117
Ivatan	1
Iwak/lowak/Owak/I-wak	1
Kamiguin	1
Kapampangan	20
Karay-a	7
Maguindanao	4
Mandaya	1
Manobo	1
Manubo-UboManobo-Ubo	1
Maranao	98
Masbateno/Masbatenon	7
Obu--Manuvu/Ubo-Manobo	1
Pan-ayanon	3
Pangasinan/Panggalato	24
Romblomanon	2
Sama/Samal	2
Surigaonon	4
Tagalog	58,238

Dialect/Language	Estimated HH Population
Talaandig	1
Tausug	12
Tinananen	2
Waray	115
Yakan	2
Zambageño-Chavacano	3
Zambal	1
Other Local Dialects	2
American/English	42
Other Foreign Languages	20
Total	59,902

Note: Computed using participation rate of the City's HH population over the provincial HH population.
Source: 2010 Census of Population and Housing, PSA

Labor Force

The total population that can enter the labor force as of 2015 was 211,338 (67.24% of the total population) based on the PSA 2015 census. The record of the Public Employment Service Office (PESO) of General Trias, however, shows a population during the same year at 365,748, which is 51,445 more than the 2015 POPCEN of the PSA at 314,303. **Table 18** shows the corresponding rates of participation, employment and unemployment of the City.

Table 18. Labor Force Participation, Employment/Unemployment Rates (2015-2017), City of General Trias, Cavite

Year	Labor Force Participation Rate	Employment Rate	Unemployment Rate
2015	66.66%	90.60%	9.40%
2016	74.50%	90.60%	9.40%
2017	81.72%	90.60%	9.40%

Source: Local DOLE-PESO (2017)

In terms of employment distribution, based on available data as of 2015, majority (29,339 or 63.74%) of the City workers were engaged with industrial establishments while about 34.39% were employed in the service sector. Only about 9,930 (1.55%) were involved in the primary sector or agricultural type of occupation (**Table 19**).

Table 19. Employment Distribution (2018), City of General Trias, Cavite

Employment Classification	2015	Distribution Rate (%)
Employed in Agriculture	9,930	1.55
Employed in Industry	8,852	63.74
Employed in Services	29,339	34.39
Total	132,703	100.00

Source: Local DOLE-PESO (2018)

A more detailed breakdown of employment is captured in the PSA 2015 data. For gainful workers 15 years old and over, most residents of the City are working as technicians and associate professionals (29,339) and plant and machine operators and assemblers (21,098). Next to residents having armed forces occupations (320), the second least occupation in the city is skilled agricultural forestry and fishery workers at 2,058 only (Table 20).

Table 20. Gainful Workers 15 Years Old and Over by Major Occupation Group and Sex (2015), City of General Trias, Cavite

Major Occupation	Both Sexes	Male	Female
Managers	9,930	3,710	6,220
Professionals	8,852	3,974	4,878
Technicians and Associate Professionals	29,339	15,281	14,058
Clerical Support Workers	10,531	4,313	6,218
Service and Sales Workers	19,992	11,673	8,319
Skilled Agricultural Forestry and Fishery Workers	2,058	1,780	278
Craft and Related Trades Workers	15,371	11,737	3,634
Plant and Machine Operators and Assemblers	21,098	17,879	3,219
Elementary Occupations	15,111	8,866	6,245
Armed Forces Occupations	320	297	23
Other Occupation Not Elsewhere Classified	-	-	-
Not Reported	101	43	58
Total	132,703	79,553	53,150

Source: PSA (2015)

Detailed in Table 21 are the means whereby the facilitation of potential employment has been conducted by the local DOLE-PESO data as of their operations last 2017-2018. In terms of completion in 2018, the local PESO has successfully registered and referred 99.07% of applicants, while successfully filling 94.95% of vacancies posted from regulated sources of employment facilitation activities.

Table 21. Employment Facilitation (2017-2018), City of General Trias, Cavite

Activities	Job Vacancies		Registered		Referred		Placed/ Hired	
	2017	2018	2017	2018	2017	2018	2017	2018
Walk-in								
JOBSTART Phils. Program	7,743	11,302	8,062	11,076	7,456	11,061	7,456	11,061
Local Recruitment Activity (LRA)	300	100	328	117	328	117	289	89
Special Recruitment Activity (SRA)	306	120	272	111	272	111	182	72
Job Fairs	5114	2540	5403	2574	5403	2574	5001	2304
Special Program for the Employment of Students (SPES)	503	671	503	671	503	671	503	671
TOTAL	13,971	15,415	14,573	15,272	14,573	15,272	13,436	14,636

Source: Local DOLE-PESO (2018)

Poverty Incidence

Out of the recorded population of 405,990 in 2020, the City recorded a total of 15,874 families living below the poverty thresholds, which translate to 3.91% poverty incidence. Assuming a 25% decrease in the annual poverty incidence, the City will significantly reduce its rate to 0.22% by 2030 (**Table 22**).

Table 22. Poverty Incidence (2020), City of General Trias, Cavite

Year	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Poor Families	15,874	12,531	9,892	7,809	6,164	4,866	3,841	3,032	2,394	1,889	1,492
Population	405,990	427,316	449,762	473,387	498,252	524,424	551,971	580,965	611,481	643,601	677,407
Poverty Incidence*	3.91%	2.93%	2.20%	1.65%	1.24%	0.93%	0.70%	0.52%	0.39%	0.29%	0.22%

Source: CPDO (2020), City of General Trias, Cavite

*Assumption is based on target annual decrease of 25%

D. SOCIAL SERVICES

Education

Number of Schools

General Trias has twenty-seven (27) registered public elementary schools and nine (9) DepEd-registered public junior/senior high schools. The City also has eighty-one (81) private schools. **Table 23** shows the total number of enrollees for both public and private schools.

The City has three (3) colleges/ universities to cater to the tertiary level. Given its close proximity to the National Capital Region (NCR), some students are enrolled in colleges and/or universities situated in Metro Manila.

Table 23 shows the pertinent performance indicators under the subsector of education.

Table 23. Educational Performance Indicators (2016-2019), City of General Trias, Cavite

Indicators	Elementary (Grades 1-6)			Secondary – Junior High School (Grades 7-10)		
	2016-2017	2017-2018	2018-2019	2016-2017	2017-2018	2018-2019
ACCESS						
Total Enrollment	42,809	44,999	51,132	19,212	21,893	24,728
Public Schools	36,864	38,576	39,458	16,125	17,672	19,262
Private Schools	5,945	6,423	11,674	3,087	4,221	5,466
Gross Enrollment Rate (GER)	97.09	97.80	99.01	93.84	94.55	96.27
Net Enrollment Rate (NER)	95.46	95.84	96.69	86.93	87.73	89.39
Transition Rate	92.71	89.22	89.22	28.92	30.47	28.36
Kinder (Enrollment)	5,964	6,544	7,865			
GER	93.46	97.67	98.31			
NER	88.78	90.46	93.39			
EFFICIENCY						
Cohort Survival Rate (CSR)	90.69	84.38	88.99	86.99	80.40	93.69
Completion Rate	88.96	84.09	88.54	84.66	79.46	92.78
No. of Drop-Out	815	796	606	575	693	785
Drop-Out Rate	2.21	2.07	1.90	NDA	NDA	NDA
QUALITY						
National Achievement Test	42.63	43.05	N/A	43.33	N/A	N/A

Source: Ecological Profile, City of General Trias, Cavite

In General Trias, the student to teacher ratio in private elementary (17:1) and secondary (23:1) schools are within the standards of the Department of Education, which is (31:1) for elementary level and (36:1) for secondary level. In contrast, the ratio computed for public elementary (37:1) and secondary (34:1) schools are lagging behind the set standard for SY 2018 to 2019 as shown in **Table 24**.

Table 24. Student-Teacher and Student-Classroom Ratio by Level, SY 2018-2019, City of General Trias, Cavite

Type/ Level	No. of Enrollees			Total No. of Teachers	Total No. of Classrooms	Student-Teacher Ratio	Student-Classroom Ratio
	Male	Female	Total				
Private							
Elementary	4,741	4,471	9,212	530	472	17:1	20:1
Secondary	5,179	5,257	10,436	448	302	23:1	35:1
Public							
Elementary	17,512	16,566	34,078	928	670	37:1	51:1
Secondary	10,789	10,513	21,302	625	235	34:1	91:1

Source: Ecological Profile, City of General Trias, Cavite

Majority of the students in General Trias are enrolled in public elementary and secondary schools. **Table 25** shows that there was a steady increase in the number of enrollees for public and private schools both in the elementary and secondary level from SY 2016-2017 to SY 2018-2019.

Table 25. Enrolment Status, Elementary and Secondary Levels, SY 2016-2019, City of General Trias, Cavite

School Year	Elementary			Secondary		
	Total	Public	Private	Total	Public	Private
2016-2017	38,699	32,754	5,945	21,972	16,936	5,036
2017-2018	42,485	33,317	9,168	29,065	19,454	9,611
2018-2019	43,290	34,078	9,212	31,848	21,412	10,436

Source: CPDO and Department of Education, Division – City of General Trias

Out of School Youth (OSY) which are described as 15-30 years of age not attending school have summed up to 25,535 individuals. The highest population of OSY are in Barangays San Francisco (5,190), Manggahan (2,384) and Pasong Kawayan II (2,134). The distribution by barangay is shown in **Table 26**.

Table 26. No. of Out of School Youth (OSY) by Barangay (2019), City of General Trias, Cavite

Barangay	Number of OSY
1896 (Pob)	91
Alingaro	236
Arnaldo (Pob)	88
Bacao I	509
Bacao II	1,142
Bagumbayan (Pob)	67
Biclatan	1,276
Buenavista I	287
Buenavista II	906
Buenavista III	680
Corregidor (Pob)	139
Dulongbayan (Pob)	20

Barangay	Number of OSY
Governor Ferrer (Pob)	25
Javalera	1,356
Manggahan	2,384
Navarro	945
Panungyanan	405
Pasong Camachile I	963
Pasong Camachile II	1,704
Pinagtipunan	533
Pasong Kawayan I	411
Pasong Kawayan II	2,134
Prinza (Pob)	82
Sampalucan (Pob)	40
San Francisco	5,190
San Gabriel (Pob)	192
San Juan I	479
San Juan II	442
Sta. Clara	337
Santiago	1,301
Tapia	170
Tejero	904
Vibora (Pob)	97
Total	25,535

Source: City Planning and Development Office

Alternative Learning System (ALS)

General Trias has implemented ALS for remote and distance learning. **Table 27** shows the total enrollees and teachers that have undergone education through this system.

Table 27. Number of Enrollees and Teachers, SY 2016-2020, City of General Trias, Cavite

Calendar Year	Number of Enrollees	Number of Teachers
2016	1,034	7
2017	521	7
2018	623	7
2019	763	6
2020	474	5

Source: Department of Education

Health and Nutrition

All health indicators of the City between 2016 to 2018 showed decreasing trends except for maternal mortality rate, which shoot up from 22.03 in 2017 to 87.37 in 2018 (**Table 28**).

Table 28. Health Indicators (2016-2018), City of General Trias, Cavite

Health Indicators	2016	2017	2018
Crude Birth Rate	12.84	13.04	12.49
Crude Death Rate	3.08	2.97	2.72
Total Fertility Rate	-	-	1.14
Infant Mortality Rate	5.88	3.52	2.84
Child Mortality Rate	16.71	14.54	10.70
Maternal Mortality Rate	94.14	22.03	87.37

Source: City Health Office (CHO), City of General Trias, Cavite

Meanwhile, the Total Fertility Rate (TFR) for the years 2016 and 2017 were not derived due to the lack of data for the age-specific number of births. Nonetheless, the City's TFR for the year 2018 is 1.14, which means that a woman would bear an average of 1.14 children by the end of her child-bearing years if she were to pass those years in conformity with the observed age-specific fertility rate.

The number of malnourished children in the City decreased by 0.61% from 6.81% (2,668) in 2016 to 6.20% (1,595) in 2017. For the year 2018, malnutrition prevalence rate reached 3.82% which is a significant decrease of 2.38% from the preceding year. Operation Timbang is the weighing of pre-schoolers aged 0-71 months or children aged 0-6 years, done by the Barangay Nutrition Scholars (**Table 29**).

Table 29. Cases of Malnourished Children (2015-2018), City of General Trias, Cavite

Barangay	No. of Malnourished Children by Degree of Malnutrition							
	2016		2017			2018		
	No.	Rate*	No.	Rate*	% Inc./ Dec.	No.	Rate*	% Inc./ Dec.
1896 (Pob)	20	4.18	15	6.40	2.22	1	2.56	3.84
Alingaro	55	10.86	24	3.10	7.76	20	5.11	2.01
Arnaldo (Pob)	9	14.29	0	0.00	14.29	11	8.21	8.21
Bacao I	60	6.46	37	6.40	0.06	20	3.14	3.26
Bacao II	69	5.04	29	4.90	0.14	12	2.03	2.87
Bagumbayan (Pob)	5	4.95	12	1.10	3.85	2	2.13	1.03
Biclatan	186	7.53	7	1.40	6.13	13	1.06	0.34
Buenavista I	37	5.52	39	3.80	1.72	25	5.39	1.59
Buenavista II	78	7.48	35	4.80	2.68	41	4.01	0.79
Buenavista III	48	5.01	19	4.10	0.91	6	0.76	3.34
Corregidor (Pob)	7	5.22	7	6.70	1.48	2	1.80	4.9
Dulongbayan (Pob)	17	25.37	1	1.30	24.07	8	7.02	5.72
Governor Ferrer (Pob)	6	27.59	0	0.00	27.59	2	12.50	12.5
Javalera	78	7.62	19	4.10	3.52	18	3.31	0.79
Manggahan	181	9.18	92	7.70	1.48	47	3.86	3.84
Navarro	19	1.46	57	5.40	3.94	16	1.61	3.79

Barangay	No. of Malnourished Children by Degree of Malnutrition							
	2016		2017			2018		
	No.	Rate*	No.	Rate*	% Inc./ Dec.	No.	Rate*	% Inc./ Dec.
Panungyanan	174	6.15	27	3.60	2.55	7	2.46	1.14
Pasong Camachile I	304	6.24	190	7.10	0.86	34	2.60	4.5
Pasong Camachile II	64	10.96	15	3.30	7.66	67	2.80	0.5
Pasong Kawayan I	227	9.60	76	3.80	5.8	16	3.89	0.09
Pasong Kawayan II	93	7.18	11	1.30	5.88	91	4.34	3.04
Pinagtipunan	1	1.35	1	1.50	0.15	41	7.85	6.35
Prinza (Pob)	18	25.35	5	5.40	19.95	0	0	5.4
Sampalucan (Pob)	273	3.27	754	6.80	3.53	4	4.26	2.54
San Francisco	35	14.40	6	3.30	11.1	387	5.82	2.52
San Gabriel (Pob)	18	2.70	10	1.80	0.9	4	2.96	1.16
San Juan I	30	5.77	22	3.90	1.87	15	2.47	1.43
San Juan II	87	4.00	36	3.40	0.6	6	1.11	2.29
Sta. Clara	28	4.76	14	3.10	1.66	28	1.78	1.32
Santiago	40	8.85	1	0.30	7.38	17	7.05	6.75
Tapia	24	1.76	41	4.20	2.44	14	3.47	0.73
Tejero	15	19.23	7	9.30	9.93	37	4.02	5.28
Vibora (Pob)	1	2.94	1	2.60	0.34	9	11.69	9.09
Total	2,668	6.81	1,595	6.20	0.61	1,021	3.82	2.38

Source: CSWDO – Nutrition Unit; * Prevalence Rate (%)

As of 2019, the overall immunization accomplishment rate averages at 68.18% across all media. The goal is to reach all children across the local jurisdiction to prevent the re-emergence of past diseases and prevent infection among other children (**Table 30**).

Health Personnel

As of 2018, the surveyed medical personnel accounted for in various hospitals, clinics, and barangay health stations providing different typologies of health services throughout the City was 1,509 of which 471 were doctors, 356 nurses and 300 holding various medical licenses (**Table 31**).

Number of Hospitals

As of 2018, there are seven (7) hospitals in General Trias wherein only one (1) is publicly-owned that is the General Trias Medicare Hospital in Barangay Pinagtipunan. The hospital with the biggest authorized bed capacity is the City of General Trias Doctors Medical Center, Inc. in Barangay Manggahan with 100 bed capacity (**Table 32**). The City has 39 BHS and one (1) City Health Office (CHO). In addition, General Trias registered various types of private facility-based health services as shown in **Table 33**.

Table 30. Child Immunization Programs (2015-2019), City of General Trias, Cavite

Immunization	2015		2016		2017		2018		2019	
	Accomplishment	%	Accomplishment	%	Accomplishment	%	Accomplishment	%	Accomplishment	%
Fully-immunized Child	4,197	42.77	5,045	47.6	5,686	67	5,894	63.06	6,177	63.95
BCG	5,370	54.70	5,186	48.93	5,724	67.45	5,752	61.54	5,470	59.43
Hepa B (Within 24 Hours)	2,960	30.16	3,315	31.28	4,000	47.14	4,779	51.13	5,299	54.86
Penta (1st Dose)	3,140	34.75	7,685	72.51	6,068	71.51	6,472	69.24	7,282	75.39
Penta (2nd Dose)	2,827	28.81	8,047	75.93	6,056	71.36	6,511	69.66	7,288	75.45
Penta (3rd Dose)	2,774	28.27	8,045	75.91	6,090	71.84	6,486	69.39	7,353	76.13
OPV (1st Dose)	5,634	57.41	6,036	56.95	6,083	71.68	6,418	68.66	7,097	73.48
OPV (2nd Dose)	5,620	57.27	5,828	54.99	6,144	72.40	6,502	69.56	7,345	76.04
OPV (3rd Dose)	5,594	57.00	5,732	54.09	6,387	75.27	6,551	70.09	7,376	76.36
IPV	0	0	0	0	5,507	64.90	3,883	41.54	7,352	76.12
MCV 1	5,217	53.16	5,667	53.47	5,908	69.62	6,135	65.64	6,322	65.45
MCV 2	4,528	46.14	4,884	46.08	5,331	62.82	5,487	58.70	4,400	45.55

Source: CHO, City of General Trias, Cavite

Table 31. Number of Health Personnel (2018), City of General Trias, Cavite

Source and Number of Personnel	Doctor		Nurse		Midwife		Dentist		Medical Tech.		Radiologic Tech.		Pharmacist		Nurse Aide		Dietician		Physical Therapist		Medical Secretary		Others	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
No. of Hospital Personnel	162	150	77	247	1	13	2	2	10	58	19	26	2	18	20	63	0	8	7	11	1	24	94	11
No. of Health Facility Personnel	52	103	2	15	1	35	13	40	5	17	-	-	-	-	3	7	-	-	-	-	-	-	41	130
No. of Barangay Health Station Personnel	4		15		20		0		0		0		0		0		0		0		0		83	
TOTAL	471		356		70		57		90		45		20		93		8		18		25		359	

Source: Ecological Profile, City of General Trias, Cavite; Note: M – Male; F - Female

Table 32. List of Hospitals (2018), City of General Trias, Cavite

Name of Hospital	Location	Type	Category	Authorized Bed Capacity	Number of Toilets	Number of Rooms		
						Private	Semi-Private	Ward
City of General Trias Doctors Medical Center, Inc.	Manggahan	Private	Level 2	100	155	63	3	7
General Trias Medicare Hospital	Pinagtipunan	Public	Infirmery	10	7	0	0	4
Divine Grace Medical Center	Tejero	Private	Level 2	75	86	40	3	9
SMMC Satellite Center	Javalera	Private	Infirmery	23	26	14	7	3
Gentri Medical Center and Hospital Inc.	Manggahan	Private	Level 2	50	125	11	3	10
General Trias Maternity and Pediatric Hospital	Tejero	Private	Level 1	50	41	14	2	6
Mama Rachel's Hospital of Mercy	Navarro	Private	Infirmery	12	23	4	1	4

Source: Ecological Profile, City of General Trias, Cavite

Table 33. List of Facility-based Health Services (2018), City of General Trias, Cavite

Type of Health Facility	Number	Private or Public	Facilities	
			Beds/ Chairs	Condition
Medical Clinic	8	All Private	3 Beds	Good
Lying-in Clinic	10	All Private	32 Beds	Good
Dental Clinic	42	All Private	50 Dental Chairs	Good
Optical Clinic	8	All Private	0 Beds	Good
Dermatological Clinic	7	All Private	26 Beds	Good
Veterinary Clinic	11	All Private	3 Beds	Good
Miscellaneous Clinic	17	All Private	31 Beds / 2 Dental Chairs	Good

Source: Ecological Profile, City of General Trias, Cavite

In terms of leading causes of morbidity in the City, acute upper respiratory of multiple and unspecified sites recorded the highest case at 3,522 in 2016 followed by essential (primary) hypertension in 2017 (3,081) and 2018 (2,960). Common cold, which has 2,378 cases in 2016, 2,673 in 2017 and 2,480 in 2018 makes up the third greatest number of cases in the City (**Figure 6**).

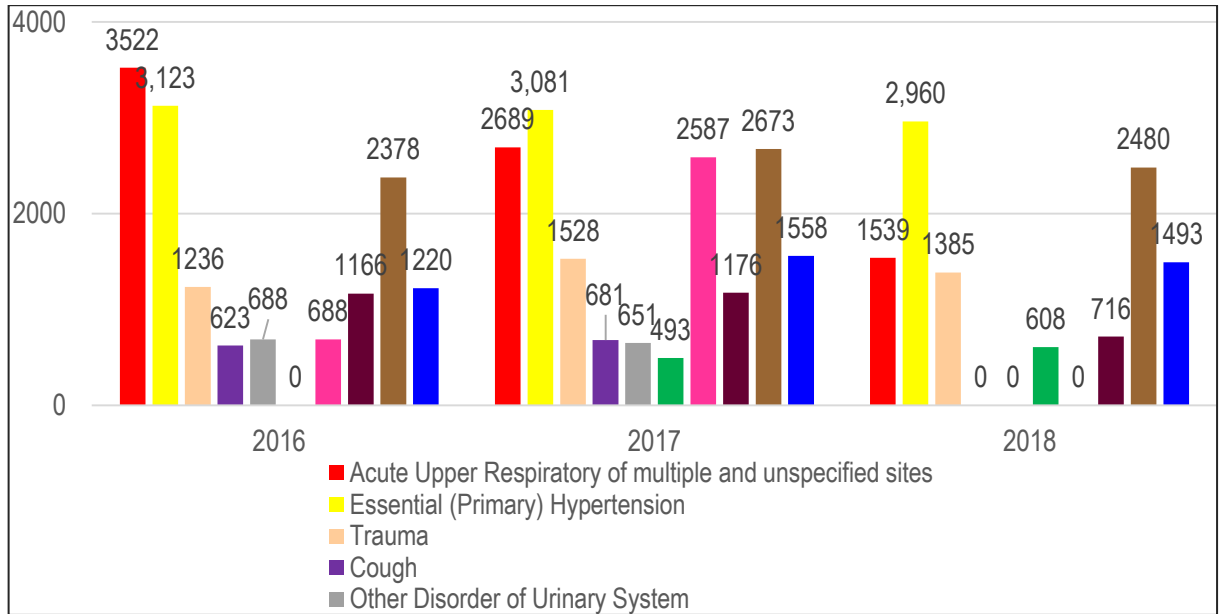


Figure 6. Leading Causes of Morbidity (2016-2018), City of General Trias, Cavite
 Source: CHO, City of General Trias, Cavite

In terms of mortality, acute myocardial infarction recorded the highest case at 272 in 2018, which was a significant increase from 144 in 2017 and 93 in 2016. Heart disease has the second highest case at 252 in 2016. This, however, significantly decreased to 97 in 2017 and further down to 77 in 2018. Pneumonia was the third leading cause of mortality in the City with 123 cases in 2016, 106 in 2017 and 96 in 2018 (**Figure 7**).

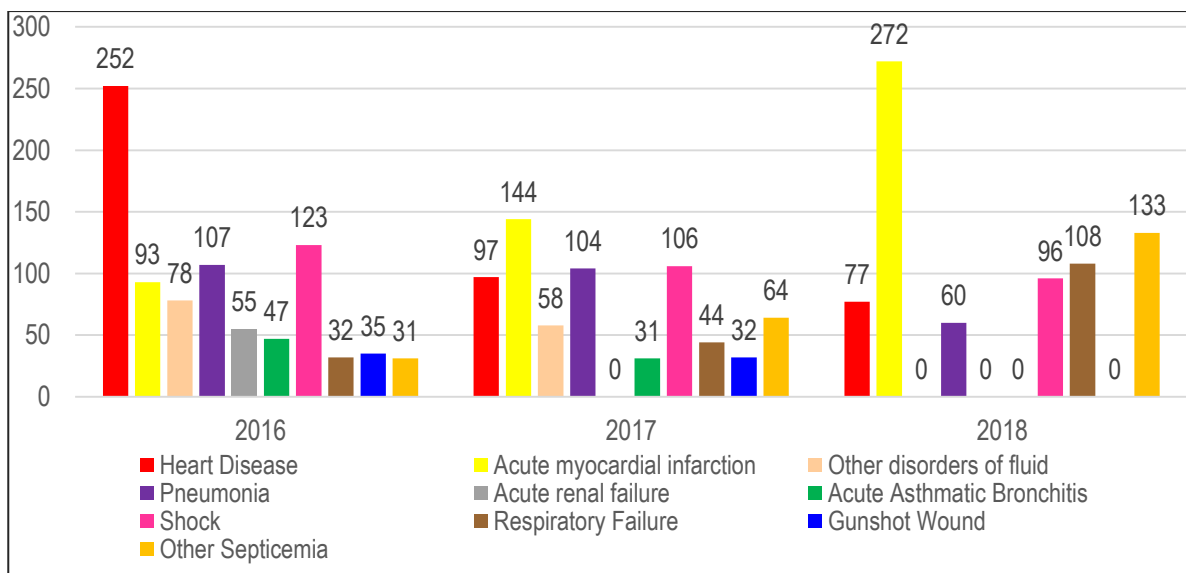


Figure 7. Leading Causes of Mortality (2016-2018), City of General Trias, Cavite
 Source: CHO, City of General Trias, Cavite

Table 34 lists the following diseases which have been taken note by the CHO due to the nature of their communicability.

Table 34. List of Notifiable Diseases and Cases Reported (2015-2019), City of General Trias, Cavite

Notifiable Diseases	2015	2016	2017	2018	2019
Infectious gastroenteritis and colitis, unspecified	10	238	207	84	59
Pneumonia, unspecified	2	138	83	26	107
Unspecified acute lower respiratory infection	70	688	2,587	2,043	2,422
Acute Hepatitis A	0	1	0	2	0
Acute Hepatitis B	0	3	2	0	0
Influenza, virus not identified	0	3	52	0	61
Measles	0	0	0	2	4
Gonococcal Infection	0	0	0	0	3

Source: CHO, City of General Trias, Cavite

Table 35 records the cases of teenage pregnancy in the City. Barangay San Francisco has the highest case for both teenage pregnancy age groups, followed by Santiago and Pasong Kawayan I.

Table 35. Teenage Pregnancy Cases (2019), City of General Trias, Cavite

Barangay	Mothers Age 10-14	Mothers at Age 15-19
1896 (Pob)	0	0
Alingaro	0	8
Arnaldo (Pob)	0	1
Bacao I	1	6
Bacao II	0	11
Bagumbayan (Pob)	0	0
Biclatan	0	9
Buenavista I	0	5
Buenavista II	0	3
Buenavista III	0	4
Corregidor	0	1
Dulongbayan (Pob)	0	0
Governor Ferrer (Pob)	0	0
Javalera	0	2
Manggahan	0	24
Navarro	0	10
Panungyanan	0	7
Pasong Camachile I	0	13
Pasong Camachile II	0	7
Pinagtipunan	0	6
Pasong Kawayan I	0	19
Pasong Kawayan II	0	18

Barangay	Mothers Age 10-14	Mothers at Age 15-19
Prinza (Pob)	0	1
Sampalucan (Pob)	0	2
San Francisco	3	83
San Gabriel (Pob)	0	1
San Juan I	0	5
San Juan II	0	3
Sta. Clara	0	3
Santiago	0	38
Tapia	0	4
Tejero	0	10
Vibora (Pob)	0	6
Total	4	310

Source: CHO, City of General Trias, Cavite

There was an increase in the number of HHs with access to sanitary toilet facilities from 53,235 in 2018 to 59,417 in 2019. In terms of percentage, however, a minimal decrease was observed at 0.04% from 99.67% (2018) to 99.63% (2019). A total of 220 HHs remains to have no access to sanitary toilet facilities in 2019 (Table 36).

Table 36. Households' Access to Toilet Facilities (2018-2019), City of General Trias, Cavite

Barangay	2018				2019			
	Population	Households (HH)	HH with access to sanitary toilet facilities	HH without access to sanitary toilet facilities	Population	Households (HH)	HH with access to sanitary toilet facilities	HH without access to sanitary toilet facilities
1896 (Pob)	780	130	130	-	605	101	101	-
Alingaro	3,688	615	608	7	4,275	713	705	8
Arnaldo (Pob)	1,208	201	198	3	1,110	185	185	-
Bacao 1	7,067	1,178	1,687	-	6,809	1,135	1,128	7
Bacao 2	8,906	1,484	1,400	84	8,705	1,451	1,445	6
Bagumbayan (Pob)	1,396	233	233	-	1,189	198	198	-
Biclatan	14,959	2,493	2,465	28	16,739	2,790	2,779	11
Buenavista I	4,207	701	696	5	6,367	1,061	1,054	7
Buenavista II	9,541	1,590	1,495	95	11,273	1,879	1,866	13
Buenavista III	7,879	1,313	1,295	18	9,161	1,527	1,518	9
Corregidor (Pob)	1,500	250	246	4	1,294	216	214	2
Dulongbayan (Pob)	1,187	198	196	2	1,038	173	172	1
Governor Ferrer (Pob)	411	69	69	-	314	52	52	-
Javalera	6,710	1,118	1,085	33	6,113	1,019	1,015	4
Manggahan	17,756	2,959	2,895	64	17,801	2,967	2,943	24
Navarro	9,912	1,652	1,648	4	16,807	2,801	2,791	10
Panungyanan	3,200	533	521	12	3,291	549	542	7
Pasong Camachile I	22,732	3,789	3,783	6	22,662	3,777	3,773	4
Pasong Camachile II	27,581	4,597	4,588	9	35,640	5,940	5,909	31
Pinagtipunan	4,423	737	734	3	7,752	1,292	1,289	3
Pasong Kawayan I	22,567	3,761	3,751	10	4,460	743	732	11
Pasong Kawayan II	8,313	1,386	1,374	12	31,490	5,248	5,241	7

Barangay	2018				2019			
	Population	Households (HH)	HH with access to sanitary toilet facilities	HH without access to sanitary toilet facilities	Population	Households (HH)	HH with access to sanitary toilet facilities	HH without access to sanitary toilet facilities
Prinza (Pob)	889	148	140	8	842	140	138	2
Sampalucan (Pob)	1,426	238	205	33	1,302	217	215	2
San Francisco	84,128	14,021	13,897	124	84,636	14,106	14,086	20
San Juan 1	6,521	1,087	1,078	9	6,132	1,022	1,014	8
San Juan 2	4,786	798	783	15	5,659	943	940	3
San Gabriel (Pob)	2,519	420	412	8	2,272	379	376	3
Santiago	17,355	2,893	2,847	46	25,873	4,312	4,308	4
Sta Clara	4,623	771	762	9	3,979	663	660	3
Tapia	3,362	560	542	18	3,009	502	499	3
Tejero	7,581	1,264	1,251	13	7,996	1,333	1,328	5
Vibora (Pob)	1,351	225	221	4	1,219	203	201	2
Total	320,464	53,412	53,235	686	357,814	59,637	59,417	220

Source: CHO, City of General Trias, Cavite

Social Welfare Services and Programs

Table 37 shows the social welfare services and programs in the City with corresponding number of beneficiaries.

Table 37. Number of Beneficiaries by Social Welfare Activities (2018), City of General Trias, Cavite

Social Welfare Activities	Beneficiaries	Social Welfare Activities	Beneficiaries
Operation Timbang Plus	26,702	Burial Assistance	220
Nutrition-specific Programs:		Solo Parents' Program:	
Dietary Supplementation Program	3,726	IDs Issued	1,076
Nutrition Promotion Program	166	Other Programs	2,461
Nutrition-sensitive Program		Services and Programs for the PWD:	
Enabling Programs	181	PWD IDs Issued	1,398
Economic Productivity of PYAP Members	82	Other Programs	2,461
Social Responsibility, Volunteerism and Leadership Training Activities of PYAP Members	1,815	Emergency Assurances	1,093
Promotion of Positive Lifestyle and Personality Enhancement	2,291	PhilHealth	1,000
Practical Skills Training	892	Certificate of Indigencies Issuances	1,268
Family Planning (Pre-Counseling Certificates)	1,172	Social Pension	1,233
Children and Women's Welfare Program	1,658	4Ps Program	2,735
Sustainable Livelihood Program	865	Early Childhood Care and Development Unit: Cumulative Attendees of Whole-Year Activities	16,284
Senior Citizens Program	31,617		
AICS	5,289	Barangay Service Point Officers Programs	1,051

Source: CSWDO, City of General Trias, Cavite

The CSWDO has facilitated organization of Senior Citizen's Association (SCA) in 33 barangays, Philippine Youth Association of the Philippines (PYAP) in 26 barangays, PWD associations in 31 barangays, and Solo Parents Association in 9 barangays.

As of 2018, the CSWDO has served a total of 9,112 clientele that were mostly comprised of disadvantaged families (2,168) and senior citizens (1,980). The number of victims of natural disaster notably increased

from 240 in year 2017 to 1,721 in 2018, an equivalent to 617.08 percent. Similarly, the number of disadvantaged children increased at 804 in 2017 to 1,634 in 2018.

The other type of clientele served by the CSWDO include persons with disabilities, solo parents, disadvantaged women and youth, victims of man-made disasters, and disadvantaged communities (Table 38).

Table 38. Historical Number of Population Served by Type of Clientele (2015-2018), City of General Trias, Cavite

Type of Clientele	2015	2016	2017	2018	% Change (2017-2018)
Disadvantaged Families	2,046	2,003	2,151	2,168	0.79
Senior Citizens	2,320	1,910	2,078	1,980	-4.72
Victims of Natural Disasters	11	0	240	1,721	617.08
Disadvantaged Children	1,397	3,328	804	1,634	103.23
Persons with Disabilities	622	652	738	746	1.08
Solo Parent	532	319	432	684	58.33
Disadvantaged Women	149	147	232	111	-52.16
Disadvantaged Youth	36	37	38	45	18.42
Victims of Man-made Disaster	4	69	5	22	340.00
Disadvantaged Communities	0	1	1	1	-
Total	7,117	8,466	6,761	9,112	

Source: CSWDO, City of General Trias, Cavite

Gender and Development

Every LGU is mandated to formulate Gender and Development (GAD) programs and projects pursuant to RA 9710, also known as the Magna Carta of Women. It is a comprehensive women's human rights law that seeks to eliminate discrimination against women by recognizing, protecting, fulfilling, and promoting the rights of Filipino women, especially those in the marginalized sector. In this light, all LGUs are mandated to allocate 5% of their annual revenues for GAD. In General Trias, a total of PhP 375.4 million has been allocated for GAD programs, projects and activities for the period 2016 to 2020. However, only about 64% or PhP 239.5 million has been utilized leaving a balance of PhP 135.8 million (Table 39).

Table 39. Gender and Development Fund Utilization (2016-2020), City of General Trias, Cavite

Year	Approved GAD Fund Allocation	Actual Expenditures	%	Unutilized GAD Funds
2020	98,008,506.20	57,776,676.33	59%	40,231,829.37
2019	90,946,254.95	58,958,227.55	65%	31,988,027.40
2018	75,000,000.00	43,534,127.27	58%	31,465,872.73
2017	64,058,365.10	38,533,702.73	60%	25,524,662.37
2016	47,371,227.90	40,740,957.16	86%	6,630,270.74
Total	375,384,354.15	239,543,691.04	64%	135,840,662.61

Source: CPDO, City of General Trias, Cavite

In order to support the implementation of GAD programs, projects and activities, the City issued Executive Order (EO) No. 20 series of 2021 creating the GAD Council Office and EO No. 05 series of 2021, reorganizing the GAD Focal Point System (GFPS) in General Trias.

Housing and Shelter

General Trias identified 15 resettlement areas for the informal settler households (ISH) and those who are qualified to be beneficiaries of the resettlement program. Basic services such as water and power are present in all resettlement areas, however, there is still a need for the LGU to provide a garbage disposal/system and community centers to the areas for the well-being of their residents. The City recorded a total of 1,704 Informal Settler Families (ISF).

Due to the proximity of General Trias to the NCR and the availability of jobs, particularly at the EPZA, a number of residential subdivisions materialized in the City to accommodate the housing needs of the residents and non-residents alike. As of 2018, there are 277 residential subdivisions in the City (**Table 40**).

Table 40. Inventory of Socialized Housing Projects (2018), City of General Trias, Cavite

Name of Project	Location	Project Classification	Land Area (Ha.)	No. of Lots/Units
Stanford City (underdeveloped)	Alingaro	BP 220 - Model B and C	38.86697	9,721 lots
Winter Breeze Phase 2	Alingaro	BP 220 (SHP)	1.684	228 lots
Holiday Homes Phase 3 and 4	Biclatan	Economic Housing and Socialized Housing Project		88 – Socialized
Tahanang Yaman	Buenavista II	BP 220 - SHP	15.4941	2,167 units
Jewel Homes (Formerly BMS Executive Village)	Buenavista III	BP 220 (Socialized Housing)	4.491768 (portion)	112 lots
Tierra Solana Tarragona	Buenavista III	BP 220 - SHP	4.2919	606
Governor's Hills Socialized Housing Project	Manggahan	Socialized Housing	8.96152	1,324 house/lots
ACM Paramount Subd.	Navarro	BP 220 Socialized Housing	7.5303	1,251 lots
Camachile Subdivision	Pasong Camachile I	BP 220 (SHP) Model C	10.0867	1,500 house/lots
Grand Riverside Subdivision Phase 1	Pasong Camachile I	BP 220 (SHP)	5.283	657 lots
Marycris Complex Socialized Housing	Pasong Camachile II	BP 220 - Model C	28.226	4,544 house/lots
Three MRC Subdivision	Pasong Camachile II	BP 220 Socialized Housing	2.3442	239 units (Lots Only)
Belmont Hills Socialized Housing Project	Pasong Kawayan II	BP 220 - Model C	9.116834	1,494 lots
Belvedere Towne III	Pasong Kawayan II	BP 220 - Model C	17.52135	2,936 lots

Name of Project	Location	Project Classification	Land Area (Ha.)	No. of Lots/Units
Heneral Uno	Pasong Kawayan II	BP 220 (Economic and Socialized Housing)	23.5303	SHP – 2,169 units
Heneral Dos	Pasong Kawayan II	BP 220 (Economic and Socialized Housing)	9.7941	SHP – 521 units
Kaia Homes	Pasong Kawayan II	BP 220 - Socialized Housing	6.7577	893 lots
Kaia Homes Phase 3	Pasong Kawayan II	BP 220 Socialized Housing	5.2267	793 units
Paseo Heneral Dos	Pasong Kawayan II	BP 220 Socialized Housing	2.4932	247 lots
South Square Village Phase 1	Pasong Kawayan II	BP 220 (SHP)	14.008576	2,188 lots
South Square Village Phase 2	Pasong Kawayan II	BP 220 (SHP)	9.9	1,699 lots
Castillon Homes (Formerly Asenso Village)	Pasong Kawayan II	BP 220 Socialized Housing and Eco. Type	15.3846	2,446
Bel Aldea Subdivision Socialized Housing	San Francisco	BP 220 - Model C	3.711838	624 house/lots
Country Meadows	San Francisco	BP 220	8.551064	1,356 house/lots
Mistral Plains	San Francisco	BP 220 Socialized Housing	3.2343	689 w/ housing comp.
Pabahay 2000	San Francisco	BP 220 - Model C	21.6092	3,236
Sunny Brooke 2	San Francisco	BP 220	18.6071	3,359
Sunny Brooke I	San Francisco	BP 220 - Model C	21.86	3,807
Casa De Biga Nueva Subdivision	Santiago	BP 220 (SHP)	0.7165	94 lots only
Cavite-LRTA Housing Project	Santiago	BP 220 Socialized Housing	20.9147	2,806 lots only 159 house & lot
KPNP Village	Santiago	BP 220 Socialized Housing	8.0561	682 lots
Parklane Country Homes Phase 1	Santiago	BP 220 - Socialize	8.9455 (Portion)	505
Parklane Country Homes Phase 2	Santiago	BP 220 - Socialize	5.9978 (Portion)	218
Parklane Country Homes Phase 8 (Greenview Subdivision)	Santiago	BP 220 Socialized Housing	6.4172	935 lots

Name of Project	Location	Project Classification	Land Area (Ha.)	No. of Lots/Units
Bella Vita General Trias Phase 1, 2 and 3	Tapia	BP 220 Socialized Housing	10.3932 (portion)	672 lots

Source: *Ecological Profile, City of General Trias, Cavite*

According to the CPDO's 2015 data on Tenure Status of House/Lot, there are 40,327 (53%) house and lot that are owned by the residents in the City. Whilst 22,206 are rented house/room including lot and 736 are owned units but rented lots. About 3,820 are owned housing units with rent-free lot with consent of owners, while 1,135 housing owned units with rent-free lot without consent of owners. There are 5,373 rent-free house and lot with consent of owner, 579 rent-free house and lot without consent of owner and 2,623 are squatting in vulnerable areas such as the streets, caves and water bodies (**Table 41**).

Table 41. Tenure Status of House and Lot (2015), City of General Trias, Cavite

Barangay	Tenure Status of House/ Lot							
	Owner, owner-like possession of house and lot	Rent house/ room including lot	Own house, rent lot	Own house, rent-free lot with consent of owner	Own house, rent-free lot without consent of owner	Rent-free house and lot with consent of owner	Rent-free house and lot without consent of owner	Others
1896 (Pob)	72	121	0	0	0	0	0	0
Alingaro	505	12	0	249	3	15	15	0
Arnaldo (Pob)	116	110	61	10	1	0	1	46
Bacao 1	718	635	174	151	34	49	20	24
Bacao 2	1,001	1,029	35	73	96	60	33	62
Bagumbayan (Pob)	126	124		7	2	38	1	0
Biclatan	2,477	1,200	20	187	84	447	5	86
Buenavista I	574	113	0	135	2	179	6	0
Buenavista II	1,469	654	20	54	4	307	1	0
Buenavista III	1,032	632	27	332	4	136	15	13
Corregidor (Pob)	122	223	0	0	2	24	2	4
Dulongbayan (Pob)	81	18	0	6	1	39	0	3
Governor Ferrer (Pob)	59	36	0	5	0	0	0	0
Javalera	547	2,512	2	119	9	162	2	7
Manggahan	1,074	2,256	25	570	117	530	24	307
Navarro	1,562	600	5	47	5	5	125	1,259
Panungyanan	435	470	4	12	0	67	1	0
Pasong Camachile I	2,900	1,098	5	99	11	226	3	11
Pasong Camachile II	4,725	1,073	91	92	20	559	15	141
Pinagtipunan	880	689	1	133	14	55	4	0
Pasong Kawayan I	573	249	0	84	4	76	1	0

Barangay	Tenure Status of House/ Lot							
	Owner, owner-like possession of house and lot	Rent house/ room including lot	Own house, rent lot	Own house, rent-free lot with consent of owner	Own house, rent-free lot without consent of owner	Rent-free house and lot with consent of owner	Rent-free house and lot without consent of owner	Others
Pasong Kawayan II	3,365	1,335	8	388	50	548	208	236
Prinza (Pob)	98	136	0	0	0	0	0	0
Sampalucan (Pob)	70	45	0	31	5	2	2	0
San Juan 1	495	794	5	75	9	23	8	2
San Juan 2	443	691	38	107	11	30	1	3
San Francisco	9,478	2,994	59	335	235	1,486	79	188
San Gabriel (Pob)	263	132	0	92	1	33	0	0
Santiago	3,680	492	125	30	331	17	0	92
Sta Clara	380	332	4	135	5	37	2	0
Tapia	339	115	0	77	6	5	0	0
Tejero	491	1,152	27	175	64	206	5	139
Vibora (Pob)	177	134	0	10	5	12	0	0
Total	40,327	22,206	736	3,820	1,135	5,373	579	2,623

Source: Ecological Profile, City of General Trias, Cavite

Public Order and Safety

Police Personnel

Based on the minimum standard, the police-to-population ratio should be 1:1,000. In General Trias, the total number of police personnel is at 120 which translates to a police-to-population ratio of 1:3,054 using the 2018 projected population of 366,479. This means that the City's police force is below the minimum requirement.

Crime Incidence

From 2016-2018, the crime incidence of General Trias posted a total of 2,191 cases wherein 977 or 44.6% are index crimes while 1,214 (55.4%) are non-index crimes. Year 2016 recorded the highest number of crimes reaching a total of 862 cases (**Table 42**).

Table 42. Crime Incidence by Type (2016-2018), City of General Trias, Cavite

Year	Total	Index Crimes	Non-index Crimes
2016	862	408	454
2017	762	380	382
2018	567	189	378
Total	2,191	977	1,214

Source: Philippine National Police (PNP), City of General Trias

Drug-cleared Barangays

Between 2016 to 2019, six (6) of the 33 barangays in the City received drug-free clearance, namely: Alingaro, Bagumbayan, Dulongbayan, Governor Ferrer, Prinza and Vibora. This means that the rest of the barangays have not yet received the same clearance (**Table 43**).

Table 43. Drug-Free Clearance Recipient (2016-2019), City of General Trias, Cavite

Barangay	Drug-Free Clearance Recipient			
	2016	2017	2018	2019
1896 (Pob)				
Alingaro				✓
Arnaldo (Pob)				
Bacao 1				
Bacao 2				
Bagumbayan (Pob)			✓	
Biclatan				
Buenavista I				
Buenavista II				
Buenavista III				
Corregidor (Pob)				
Dulongbayan (Pob)			✓	
Governor Ferrer (Pob)		✓		
Javalera				
Manggahan				
Navarro				

Barangay	Drug-Free Clearance Recipient			
	2016	2017	2018	2019
Panungyanan				
Pasong Camachile I				
Pasong Camachile II				
Pinagtipunan				
Pasong Kawayan I				
Pasong Kawayan II				
Prinza				✓
Sampalucan (Pob)				
San Juan 1				
San Juan 2				
San Francisco				
San Gabriel (Pob)				
Santiago				
Sta Clara				
Tapia				
Tejero				
Vibora (Pob)				✓

Source: PNP – City of General Trias, Cavite Station

Fire Personnel and Fire Incidence

The fire department is in Barangay Sampalucan and houses a total of 22 personnel, three (3) firetrucks, two (2) units of transceiver radio, one (1) VHF radio and one (1) UHF Radio. The current ratio of fire personnel-to-population is at 1:16,658 using the 2018 projected population, which does not meet the minimum standard set at 1:2,000. **Table 44** shows the fire incidence in the City for the period 2016 to 2018.

Table 44. Fire Incidence (2016-2018), City of General Trias, Cavite

Barangay	Origin/ Cause	Year		
		2016	2017	2018
Santiago	Living Room/ Unattended Lighted Candle	-	-	-
Manggahan	Storage (Container Van) / Electrical	-	-	-
Manggahan	Between residential shanties / Electrical	-	-	1
Manggahan	Construction materials at warehouse building / electrical	-	-	1
Manggahan	Portion of the recycling are building / constant friction of one object such as polystyrene scrap materials subject for recycling which is a highly flammable material and moving it from one place to other causes to overheat and start the fire	-	-	1
Manggahan	Commercial Space/Electrical	-	-	1
Bacao II	Bedroom at 2 nd Floor/Electrical	1	-	-
Bacao II	2 nd Floor Level at Extension Panel Bldg. beside R&D. / Investigation turned over to NHQ-BFP	-	1	-
Bacao II	Kitchen/Unattended Cooking	-	-	1

Barangay	Origin/ Cause	Year		
		2016	2017	2018
San Francisco	Bedroom at 2 nd Floor/Electrical	1	2	-
San Francisco	Bedroom at Ground Floor/Electrical	-	1	-
San Francisco	Ground Floor Level/Alleged Arson	-	-	1
Pasong Kawayan II	Bedroom/Unattended Lighted Candle	-	1	-
Navarro	Bedroom at 2 nd Floor/Unattended Lighted Candle	-	1	-
Buenavista II	Kitchen/Unattended Cooking	-	1	-
Buenavista III	Bedroom at Ground Floor/Electrical	-	-	1
Governor Ferrer	Cooking Area of Olvie's Burger and Tapsilog/LPG Leakage	-	1	-
Pasong Camachile II	2 nd Floor Level/Alleged Arson	-	1	-
Pasong Camachile II	Commercial Space/Electrical	-	-	1
Biclatan	2 nd Floor Living Room/Electrical	-	-	1
Biclatan	Bedroom at 3 rd Level/Electrical	-	-	1
Javalera	2 nd Floor Bedroom/Electrical	-	-	1
Total		2	9	11

Source: Ecological Profile, City of General Trias, Cavite

Number and Location of Fire Hydrants

There are a total of 1,082 fire hydrants in General Trias. The barangays with the most fire hydrants are Pasong Kawayan 2 (159), San Francisco (107) and Biclatan (105). In contrast, the barangays with the least fire hydrants are San Juan 2 (3), Bagumbayan (2) and with only 1 fire hydrant are Barangays Pinagtipunan, San Gabriel, San Juan 1 and Vibora (Table 45 and Map 9).

Table 45. Number of Fire Hydrants (2020), City of General Trias, Cavite

Barangay	Number of Fire Hydrants
Alingaro	34
Bacao I	78
Bacao II	78
Bagumbayan (Pob)	2
Biclatan	105
Buenavista I	35
Buenavista II	21
Buenavista III	27
Javalera	60
Manggahan	50
Navarro	93
Panungyanan	31
Pasong Camachile I	36

Barangay	Number of Fire Hydrants
Pasong Camachile II	57
Pasong Kawayan I	15
Pasong Kawayan II	159
Pinagtipunan	1
San Francisco	107
San Gabriel (Pob)	1
San Juan I	1
San Juan II	3
Santiago	61
Tapia	19
Tejero	7
Vibora (Pob)	1
Total	1,082

Note: Information was based on the approved subdivision waterline layout plan

Source: CPDO, City of General Trias, Cavite

Sports Recreation, Arts and Culture

The City of General Trias has a multi-purpose recreational facility and sports complex lightly furnished with infrastructure and gathering halls but has yet to keep all records and logs of visitors and other pertinent data. It also has 30 basketball courts, General Trias Sports Park, Multi-Purpose Convention/ Cultural Park, New Town Plaza, General Trias Park and parks and open spaces in the subdivisions that serve as venues for sports, recreation, arts and cultural activities (**Table 46**).

Table 46. Sports and Recreation Facilities (2020), City of General Trias, Cavite

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
ALINGARO												
1. Winter Breeze Homes 2		1,074										
2. Winter Breeze Homes 3		120		809						809		
Total:		1,194		809						809		
BACAO I												
1. Birmingham Plains		632		585						585		
Total:		632		585						585		
BACAO I - II												
1. Antel Grand Village		51,287		14,718						14,718		
2. Antel Grand Broadmore		3,578		2,688						2,688		
3. Antel Grand Broadmore Exp.		3,641										
4. Lavanya Subd. Ph.1			1,803						1,803			
5. Lavanya Subd. Ph.2			997						997			
6. Lavanya Subd. Ph.3			2,245						2,245			
Sub-Total:		58,506	5,045	17,406					5,045	17,406		
Total:		58,506		22,451						22,451		
BICLATAN												
1. Aravista		21,035		3,190						3,190		
2. Governors Hills		38,794		3,676						3,676		
3. Holiday Homes Subd.		1,729		740		648				740		
4. Holiday Homes Subd. Ph. 3		4,151				612						
Total:		65,709		7,606		1,260				7,606		

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
BUENAVISTA I												
1. IL Giardino		2,573		3,682		3,752				3,682		
2. Mayflower County		4,018										
3. Rio de Oro		18,348		700						700		
4. Sunshine County		1,687		2,141						2,141		
5. Villaggio Ignatius		16,590		13,841						13,841		
Total:		43,216		20,364		3,752				20,364		
MANGGAHAN												
8. Tierra Grande Subdivision		994										
9. Tsarina Grand Villas 1	228		750						750			
10. Tsarina Grand Villas 2	12											
11. Tsarina Grand Villas 3	192											
Sub-Total:	432	76,082	750	45,699					750	45,699		
Total:		76,514		46,449		8,103				46,449		
NAVARRO												
1. ACM Paramount Homes		1,392		2,490						2,490		
2. ACM Woodstock Homes				1,804						1,804		
3. Pacifica Homes		236		1,107						1,107		
4. Peninsula Homes		1,044		600						600		
5. Richwood Park Townhomes		438		1,200						1,200		
6. Richwood Townhomes		2,389										
Total:		5,499		7,201						7,201		
PANUNGYANAN												

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
1. Sabella Homes		8,835		4,506		2,127				600		
Total:		8,835		4,506		2,127				600		
PASONG CAMACHILE I												
1. Camachile Subdivision		2,267		1,170						1,170		
2. Ecotrend Villas		2,200		661						661		
3. Grand Riverside Ph.1		2,071										
4. Grand Riverside Ph.2		2,917		814		1,413				814		
5. Sunterra Place 1		1,466										
6. Sunterra Place 2		959										
Total:		11,880		2,645		1,413				2,645		
PASONG CAMACHILE II												
1. Elliston Place Ph.7		3,070		600						600		
2. Mary Cris Complex		6,236		2,718						2,718		
3. Mary Cris Complex Ph.6,7,8,9		2,480		1,720						1,720		
4. Mary Cris Complex 1-4 Ext.		120										
5. San Benito Homes				1,252		233				1,252		
6. San Jose Town Homes 1				1,704						1,704		
7. San Jose Town Homes 2		367										
8. Three MRC Subdivision		938										
9. Wellington Place 10,11,12		5,012										
Total:		18,223		7,994		233				7,994		
PASONG KAWAYAN I												
1. Birmingham Sotera		748										

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
2. St. Augustine Homes		1740										
3. Trias Residence		4147		1337						1377		
Total:		6,635		1,337						1,337		
PASONG KAWAYAN II												
1. Amara Villas		1604										
2. Bamboo Heights		2809		600		574				600		
3. Belmont Hills		4203		600						600		
4. Belvedere Towne II		8389		600						600		
5. Belvedere Towne III		8373		600						600		
6. Belvedere Towne IV		1593		600						600		
7. Breezewood Gentry Homes		355		600						600		
8. Castillon Homes 1		4075		550						550		
9. Castillon Homes 2		5761		550						550		
10. Castillon Homes 3		4299										
11. Centro de Oro		5509		600						600		
PASONG KAWAYAN II										5300		
12. Heneral Uno		6,103		2,624		1,167				2,624		
13. Heneral Dos		906		1,874		1,413				1,874		
14. Kaia Homes 1		2,268		871		100				871		
15. Kaia Homes 3		1,700				403						
16. Meridian Homes		7,814		600						600		
17. Natania Homes 1-2		4,177		1,215						1,215		
18. Nature Grove		4,078		600						600		

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
19. Pamayanang Maliksi		13,020		6,680						6,680		
20. Paseo Heneral Uno		499				377						
21. South Square Village 1		323		5,549						5,549		
22. South Square Village 2		3,916										
23. Springside Gentry Homes		390		600						600		
24. Woodville Subd. Ph. 1-2		13,297		600						600		
Total:		105,461		26,513		4,034				26,513		
PINAGTIPUNAN												
1. Pulcena Subdivision		1,747										
Total:		1,747										
SAN FRANCISCO												
1. Bel Aldea Subdivision		5,575		600						600		
2. Beyond Homes		672		684						684		
3. Country Meadow		3,394										
4. Crystal Aire		5,515		6,993						6,993		
5. Le Rica Homes		3,252		4,369						4,369		
6. Lessandra Gen. Trias		1,341										
7. Lessandra Gen. Trias II		1,712										
8. Maravilla Subdivision		13,338										
9. Mistral Plains		3,716		622						622		
SAN FRANCISCO												
10. Orient Villas		1,275										
11. Pabahay 2000		8,880										

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
12. Savannah Fields Ph.1		3,895		600						600		
13. Savannah Fields Ph. 2,3,4		8,594										
14. Sunny Brooke 1		16,029										
15. Sunny Brooke 2		9,902										
16. Sunny Brooke 3		6,062										
17. Tierra Nevada Ph.1		7,796		600						600		
18. Tierra Nevada Ph.2		1,977				6,799						
19. Tierra Nevada Ph.3		3,360										
20. Tierra Nevada Ph.4		2,915		3,935		2,622				3,935		
21. Tierra Nevada Ph.5		14,979				11,310						
22. Tierra Nevada Ph.6		1,701										
Total:		124,605		18,403		20,731				18,403		
SAN JUAN I												
1. Pennsylvania 1-2		2,313										
Total:		2,313										
SAN JUAN II												
1. Dream Homes Subdivision		2,027		3,394		977				3,394		
Total:		2,027		3,394		977				3,394		
SANTIAGO												
1. Amaia Scape Cavite		5,043										
2. Amaia Scape Sector 2		3,711										
3. Amaia Scape Sector 3		1,971										
4. Amaia Scape Cav. Sect. 2B Ph.1		109										

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
5. Amaia Scape Cav. Sect. 2B Ph.2		241										
6. Amaia Scape Cavite 2 Sector 1		7,848										
SANTIAGO												
7. Amaia Scape Gen. Trias Sect. 2		29,743										
8. Bella Vista		41,496		8,106						8,106		
9. Casa de Biga		252										
10. Cavite LRTA Housing Project		17,092		725						725		
11. KPNP Village		2,819										
12. Lumina Gen. Trias		2,153		600						600		
13. Nueva Estancia		1,118										
14. Parklane Ph.1		1,098		600						600		
15. Parklane Ph.2		998		600						600		
16. Parklane Ph.2B		782										
17. Parklane Ph.3		1,340		600						600		
18. Parklane Ph.4		1,485		600						600		
19. Parklane Ph.5		3,174		600						600		
20. Parklane Ph.6		1,926		600						600		
21. Parklane Ph.8		1,678		600						600		
22. R.C. Baluyot's Simple Subd.		972										
23. St. Joseph The Workers Vill.		1,677		1,017						1,017		
24. Sunrise Hills 2		12,884		3,982						3,982		
25. Sunrise Hills 2 Cyberville Ext.		3,239										
26. Tierra Vista Gen. Trias		2,019		3,161		899				3,161		

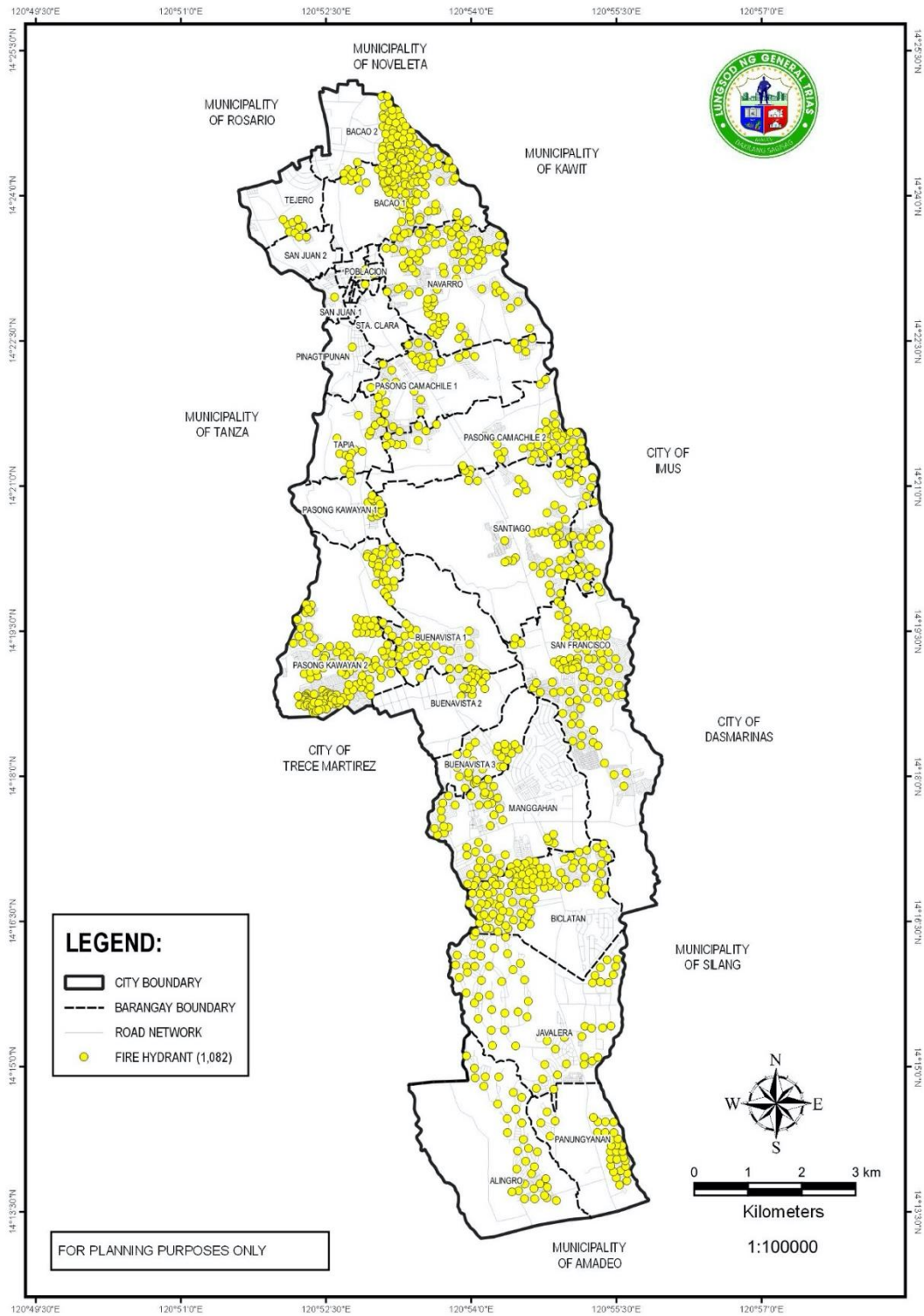
Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
Total:	145,896		21,791		899				21,791			
SANTIAGO - PASCAM II												
1. Liora Homes		3,090		600						600		
Total:	3,090		600						600			
TAPIA												
1. Bella Vita		5,805		600						600		
Total:	5,805		600						600			
PROFRIENDS												
1. Brighton Ph.1 (PasCam 1)		8,807										
2. Brighton Ph.2 (PasCam 1)		6,918										
3. Brighton Ph.3 (PasCam 1)		7,050										
4. Glenbrook Ph.1 (PasCam 1)		9,375										
5. Glenbrook Ph.2 (PasCam 1)		8,426										
6. Glenbrook Ph.3 (PasCam 1-2)		7,483										
7. KS Ph.1 Annex (Navarro)		0										
8. KS Ph.3 (Navarro)				926						926		
9. KS Ph.4 (Navarro)		1,603										
10. KS Ph.5 (Navarro)		769										
11. KS Ph.6 (Navarro)		2,095										
12. KS Ph.7 (Navarro)		1,231										
13. KS Ph.7 Annex (Navarro)		862										
14. KS Ph.8 (Navarro)		1,495										
15. KS Ph.9 (Navarro)		1,462										

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
16. KS Ph.10 (Navarro)		938										
17. KS Ph.11 (Navarro)		1,477										
18. KS Ph.12 (Navarro)		1,363										
19. KS Ph.13 (Navarro)		949										
20. KS Ph.14 (Navarro)		941										
21. KS Ph.15 (Bacao I)		3,981										
22. KS Ph.16 (Navarro)		3,632										
23. KS Ph.17 (Navarro)		4,635										
24. KS Ph.18 (Bacao I)		4,650										
25. KS Ph.19 (Navarro)		1,204										
26. KS Ph.20 (Bacao I)		1,149										
27. KS Ph.21 (Navarro)		1,219										
PROFRIENDS												
28. KS Ph.22 (Bacao I)		2,726										
29. KS Ph.23 (Bacao I)		1,297										
30. KS Ph.24 (Bacao I)		2,341										
31. KS Ph.26 (Navarro)		214										
32. KS Ph.27 (Navarro)		1,849										
33. KS Ph.28 (Bacao I)		720		524						524		
34. KS Ph.29 (Navarro)		1,001										
35. MS Ph.1 (Navarro)		2,713										
36. MS Ph.2 (Navarro)		5,961										
37. MS Ph.3 (Navarro)		4,793										

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
38. MS Ph.4 (Navarro)		8,280										
39. MS Ph.5 (Navarro)		3,368										
40. MS Ph.6 (Navarro)		6,718										
41. MS Ph.7 (Navarro)		9,172										
42. MS Ph.8 (Navarro)		9,403										
43. MS Ph.9 (PasCam 1)		6,097										
44. MS Ph.10 (PasCam 1)		8,192										
45. MS Ph.11 (PasCam 1)		11,015										
46. MS Ph.12 (PasCam 1)		9,515										
47. MS Ph.13 (Navarro)		9,114										
48. MS Ph.14 (PasCam, Navarro, Santiago)		13,224										
49. MS Ph.15 (PasCam, Navarro, Bacao)		4,695										
50. MS Ph.16 (Bacao, Navarro)		5,629										
51. SS Ph.3 (Navarro)		6,253										
52. SS Ph.4 (Navarro)		5,608										
53. SS Ph.5 (Navarro)		3,485										
54. SS Ph.6 (Navarro)		3,459										
PROFRIENDS												
55. SS Ph.7 (Navarro)		2,880										
56. SS Ph.8 (Navarro)		2,671										
57. SS Ph.9 (Navarro)		6,209										

Barangay	Recreational Facilities						Sport Facilities					
	Parks and Playground		Active Recreation		Passive Recreation		Sports Complex		Sports Field		Stadium	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
58. SS Ph.10 (Navarro)		7,472										
59. SS Ph.11 (Navarro)		13,250										
60. SS Ph.12 (Navarro)		11,131										
61. SS Ph.13 (Navarro, PasCam 1)		5,431										
62. SS Ph.14 (PasCam)		14,777										
63. SS Ph.15 (PasCam)		14,529										
64. SS Ph.16 (Navarro)		1,823										
65. Westwood Ph.1 (PasCam 1)		2,941										
66. Westwood Ph.2 (PasCam 2)		2,101										
67. Westwood Ph.3 (PasCam 1-2)		1,604										
68. Westwood Ph.4A (PasCam 2)		2,089										
Total:	319,464		1,450							1,450		
Grand Total:	1,005,027		3,010,161		43,709		91,841		3,010,161			

Source: Ecological Profile, City of General Trias, Cavite



FIRE HYDRANT LOCATION MAP

Map Projection : WGS 84
 Data Source : NAMRIA, CPDC,
 Prepared By : CPDC Office

Map 9. Fire Hydrant Location Map, City of General Trias, Cavite
 Source: CPDO, City of General Trias, Cavite