

HOUSING

Affordable housing is seriously valued for the well being and health of different families in the province. Without decent and affordable housing, families find trouble in managing their daily activities. This may also affect the health and development of all the members of the society. Based on these reasons, the provincial government has engaged itself in managing various resettlement housing projects and has allowed the establishments of housing subdivisions. In this way, the provincial government, settlers of the province and families from the neighboring towns and provinces are being benefited.

HOUSING SUBDIVISIONS

For the year 2009, the number of housing subdivisions in the province with issued license to sell amounts to 34 as approved by the Housing and Land Use Regulatory Board. Bacoor has the most number of subdivisions with 12 housing subdivisions, followed by the municipality of Imus with 11 and the city of Dasmariñas with 3. With regards to the total land area which covers the entire housing subdivisions, it is measured at 146.8907 hectares. Bacoor takes the lead for having the widest land area provided for the said residential places (42.0551). As indicated on the table, Cavite homes for a total of 11,883 lots and housing units (Table 5.20).

Table 5.20. Registered Housing Subdivisions by City/Municipality, Province of Cavite: 2009

City/Municipality	List of Housing Subdivisions with Issued License To Sell	Area (Hectares)	Number Of Lots/Units		
			Lots	House and Lot	Total
District II					
Bacoor	12	42.0551	362	2,831	3,193
District III					
Imus	11	28.5900	1	3,500	3,501
District IV					
Dasmariñas	3	25.8488	200	1239	1,439
District V					
Silang	2	17.8786	139	906	1,045
District VI					
Gen. Trias	1	0.7070	20		20
Tanza	2	7.7822	464		464
Trece Martires City	1	8.9796		1000	1000
District VII					
Taaytay City	1	7.4902	211	50	261
Naic	1	7.5592		960	960
Total	34	146.8907	1,397	10,486	11,883

Source: Housing and Land Use Regulatory Board, Quezon City

PAMAYANANG MALIKSI- CAVITE MASS HOUSING PROJECT

In 2007, the provincial government has entered a Memorandum of Agreement signing R-II for the development of first provincial mass housing project which is called "Pamayanang Maliksi-Cavite Mass Housing Project". It is a 53-hectare property in Gen. Trias which is divided into five clusters, will benefit more or less than 5,000 homeless families. Target beneficiaries of this project are the provincial capitol employees; municipal employees of Dasmariñas, Imus, Gen. Trias, and Tanza; the members of the Philippine National Police in Cavite; and public school teachers. As of 2009, a total of 1,486 housing units from Phases 2, 4 and 5 have already been constructed while on-going construction totals to 368 units. Out of 1,486 housing units constructed, 876 units or 59 percent have already been occupied by more than 800 families of the province (Table 5.21).

RESETTLEMENT HOUSING PROJECTS

The National Housing Authority (NHA) has managed 14 resettlement projects with 64,225 resettlement units in the entire 1151.8945 hectares in the province as of 2009. A total of 24,750 of these units which are established in 523.2400 hectares of land, are situated in Dasmariñas Bagong Bayan Resettlement Project, Dasmariñas City, Cavite. It is also noted that 11,969 units which are placed in 335.9400 hectares of land are managed within the General Mariano Alvarez Resettlement Project. Both of these resettlement housing projects are established for the benefits of Metro Manila Informal Settlers. Other resettlement projects are also maintained for the benefits of displaced families from the Railway Development Project and other danger zones, families who are affected by Pasig River Rehabilitation Program and LGU employees, informal settlers from different reclamation areas, government employees, PNP employees and other military personnel and public school teachers (Table 5.22).

Table 5.21. Pamayanang Maliksi House Construction Status by Phase

Phase	Constructed	On-going Construction	Total Units Sold	Total Moved-In
2	339	219	509	87
4	34	143	110	0
5	1,113	6	1,113	789
Total	1,486	368	1,732	876

Source: Provincial Housing and Urban Development Office Trece Martires City

Table 5.22. Resettlement Housing Projects, Province of Cavite: As of December 31, 2009

City/Municipality	Project Location	Program	Land Area (in Has.)	Number of Units	Beneficiaries
District II					
Bacoor	San Lorenzo Ruiz Village, Bacoor	Resettlement	0.4144	363	Families occupying Ayala Land, Inc. in Las Pinas City
District IV					
Dasmariñas	Dasmariñas Bagong Bayan Resettlement	Resettlement	523.2400	24,750	Metro Manila Informal Settlers
	Paliparan Sites and Services Project	Site and Services	51.3749	4,294	Informal Settlers from Roxas Blvd. Reclamation Area
	Alvaran Sites and Services Project	Site and Services	2.2500	103	Government employees & PNP employees
District V					
Gen. M. Alvarez	General Mariano Alvarez Resettlement	Resettlement	335.9400	11,969	Metro Manila Informal Settlers
	NHA Pag-Ibig Teachers Housing	Complete	9.2800	599	Public School Teachers
Silang	Bulihan Site and Services Project	Resettlement	84.9100	5,275	Displaced families from danger zones
	Bulihan Military HSG Project	Complete	42.2900	2,641	Military Personnel
District VI					
Trece Martires City	Southville 2 Housing Project, Brgy. Aguado	Resettlement	23.569	3,999	Displaced families from the Railway Development Project
	Kasiglahan Village 3	Resettlement	3.6000	1,000	Families affected by Pasig River Rehab. Program & LGU
Gen. Trias	Kasiglahan Village 4	Resettlement	6.0000	1,076	Families affected by Pasig River Rehab. Program & LGU
	Bahay Pinagpala (Tropical Village)	Resettlement	26.0000	3,246	Families from Pasay & Parañaque Reclamation Area
	Kasiglahan Village 5	Resettlement	3.7900	1,054	Families from Pasay & Parañaque Reclamation Area
Tanza	Katuparan Ville Housing Project	Complete	39.2362	3,856	DPWH & Metro Manila Informal Settlers
Total			1,151.8945	64,225	

Source: National Housing Authority, Quezon City

VITAL HEALTH INDICES AND NUTRITION

HEALTH FACILITIES

Public health facilities in the province are composed of government hospitals, rural health stations (RHS) and barangay health stations (BHS). RHS and BHS are both engaged in broad range of health services. Among which are medical consultation services, treatments of minor ailments, maternal and child health care, dental health, nutrition, dispensation of drugs and medicines, on calls and attendance at home, immunization and conduct of health education, family planning, sanitation campaign and other related activities.

In 2009, the number of BHS in the province has decreased to 536 which pertain to a decrease of 2.72 percent from its 2008 record of 551. Specifically, the number of BHS has grown more in the municipalities of Rosario, Imus and city of Dasmariñas. Meanwhile, the number of government hospitals and Rural Health Units (RHUs) has remained the same as marked by a total of 12 and 33 units, respectively (Table 5.23).

The presence of RHUs and BHSs complements the hospital establishments in providing medical services for Caviteños. These are being supported and given substantial assistance by the Provincial Government in order to ensure that even the grassroots level are being reached by vital health services.

BED-POPULATION RATIO

Based on the record of the Department of Health Regional Office, there are 52 licensed hospitals operating in the province, of which 40 are privately owned and the remaining twelve (12) are government hospitals. This does not include private medical practitioners who are maintaining medical clinics and admitting in-patients. These hospitals have a combined total of 2,258 hospital beds wherein 512 are provided by government hospitals while 1,736 are provided by private hospitals. With a projected population of 3,125,035 in 2009, Cavite reaches a hospital bed to population ratio of 1:1,384 which reflects a lower ratio compared to the standard ratio of 1:2,000. As indicated, the General Emilio Aguinaldo Memorial Hospital holds the highest bed capacity of 260. It is followed by De La Salle University Medical Center with 200 beds, Emilio Aguinaldo College Medical Center with 154 beds, Our Lady of the Pillar Medical Center with 108 beds, Fort San Felipe Hospital (Cavite Naval Base Hospital), St. Dominic Medical Center, and Saint Paul Hospital (formerly Dr. Jose P. Rizal Memorial Hospital) with 100 beds each.

In compliance to A.O. 205-0029 otherwise known as Revised Rules and Regulations Governing the Registration, Licensure and Operation of Hospitals and Other Health Facilities, all hospitals in Cavite are classified as General Hospitals which provides services for all types of deformity, illness or injury. As to service capability, out of the 52 hospitals, 16 or 31 percent were categorized as Level I. The highest number of hospitals in the province falls under Level II category with 24 or 46 percent of the total number of hospitals. The remaining 10 or 19 percent and 2 or 4 percent are classified into Level III and IV, respectively. Emilio Aguinaldo Memorial Hospital in Trece Martires City and De La Salle University Medical Center in Dasmariñas City are the two teaching and training hospitals or the Level IV hospitals in the province. (Table 5.24).

Table 5.23. Number Of Public Health Facilities By City/Municipality
Province Of Cavite: 2008 and 2009

City/Municipality	Government Hospitals		Rural Health Units		Barangay Health Stations	
	2008	2009	2008	2009	2008	2009
District I						
Cavite City	4	4	5	5	0	0
Kawit	1	1	2	2	20	20
Noveleta	0	0	1	1	7	7
Rosario	0	0	1	1	17	20
District II						
Bacoor	0	0	2	2	51	48
District III						
Imus	0	0	2	2	28	30
District IV						
Dasmariñas	1	1	2	2	80	81
District V						
Carmona	1	1	1	1	10	11
Gen. M. Alvarez	1	1	2	2	28	28
Silang	0	0	2	2	65	53
District IV						
Trece Martires City	1	1	1	1	13	13
Gen Trias	1	1	1	1	37	28
Tanza	0	0	1	1	26	26
Amadeo	0	0	1	1	13	13
District VII						
Tagaytay City	1	1	1	1	34	34
Alfonso	0	0	1	1	27	27
Gen. Aguinaldo	0	0	1	1	11	11
Indang	0	0	1	1	28	28
Magallanes	0	0	1	1	8	9
Maraqondon	1	1	1	1	7	8
Mendez	0	0	1	1	13	13
Naic	0	0	1	1	26	26
Ternate	0	0	1	1	2	2
TOTAL	12	12	33	33	551	536

Sources: Provincial Health Office, Trece Martires City, Cavite



Table 5.24. Licensed Government and Private Hospitals by City/Municipality, Province of Cavite: 2009

NAME OF HOSPITAL		LOCATION	TYPE OF HOSPITAL	AUTHORIZED BED CAPACITY	SERVICE CAPABILITY / CATEGORY
District I					
Cavite City					
1	Dra. Olivia Salamanca Memorial District Hospital	P. Gomez St., Cavite City	Government	50	Level 2
2	Major Danilo Atienza Air Base Hosp.	A. Diokno St., Sanglely Point, Cavite City	Government	10	Level 1
3	Cavite Naval Hospital	B1100 Zamora St. Fort San Felipe	Government	100	Level 2
4	Bautista Hospital	375 P. Burgos Ave., Caridad Cavite City	Private	60	Level 3
5	Cavite Medical Center	Dalahican Cavite City	Private	60	Level 3
6	De la Cruz Maternity Hospital	#910 Crescini St. Caridad, Cavite City	Private	11	Level 2
Kawit					
7	Kawit Kalayaan Hospital	San Sebastian, Kawit	Government	25	Level 2
8	Kawit Maternity & General Hospital	#66 Kaingen, Kawit	Private	20	Level 1
Noveleta					
9	St. Martin Maternity & Pediatric Hosp	Salcedo II, Noveleta	Private	50	Level 2
Rosario					
10	Contreras Medical Clinic	Gen. Trias Drive, Rosario	Private	24	Level 2
11	Our Savior Hospital, Inc.	General Trias Drive, Rosario	Private	30	Level 2
12	SSMC Satellite Hospital-Rosario Br.	AbutIn Bldg., Gen. Trias Drive, Salinas Rosario	Private	11	Level 2
District II					
Bacoor					
13	Crisostomo General Hospital	Tirona Highway, Dulong bayan, Bacoor	Private	20	Level 2
14	Prime Global Care Medical Center, Inc.	Blk 3 Lot 6,7,8 Cabezas Cor. Avenida St. Bahayang Pag-asa Subd Molino,Bac	Private	33	Level 2
15	Metro South Medical Center	National Road, Molino IV, Bacoor	Private	50	Level 3
16	Molino Doctors Hospital	National Road, Molino II, Bacoor	Private	38	Level 2
17	St. Dominic Medical Center, Inc.	Aguinaldo Highway, Talaba, Bacoor	Private	100	Level 3
18	St. Michael Medical Hospital	#220 Molino II, Bacoor Cavite	Private	15	Level 2
District III					
Imus					
19	Imus Family Hospital, Inc.	Justinville 2, Subd., Pallico, Imus	Private	15	Level 2
20	Our Lady of the Pillar Medical Center	Tamsui Avenue, Bayan Luma, Imus	Private	108	Level 3
21	Medical Center Imus	Diversion Road, Palico IV, Imus	Private	90	Level 3

	NAME OF HOSPITAL	NAME OF HOSPITAL	LOCATION	TYPE OF HOSPITAL	AUTHORIZED BED CAPACITY
	District IV				
	Dasmariñas City				
22	Asia Medic Family Hospital and Medical Center	Sitio Palapala, Sampalok 2, Dasmariñas City	Private	45	Level 2
23	DBB Municipal Hospital	Brgy. San Esteban Dasmariñas City	Government	10	Level 1
24	De la Salle University Medical Center	Congressional Ave. Dasmariñas City	Private	200	Level 4
25	St. Paul Hospital Cavite, Inc. (Formerly Dr. Jose P. Rizal Hosp. & Nat'l Medical Research Center)	Burol II, Bagong Bayan, Dasmariñas City	Private	100	Level 3
26	Emilio Aguinaldo College Medical Center - Cavite	Brgy. Salitran II, Dasmariñas City	Private	154	Level 3
	District V				
	Carmona				
27	Pagamutang Bayan Ng Carmona	#252 San Jose St. Carmona	Government	15	Level 1
28	Catalan Medical Hospital	#523 J. M. Loyola St. Carmona	Private	8	Level 1
29	HCGC Medical Plaza Hospital	#260 San Jose St., Carmona	Private	10	Level 1
	Gen. M. Alvarez				
30	GMA Medicare Hospital	Congressional Road, Brgy. Memije, Gen. Mariano Alvarez	Government	10	Level 1
31	San Jose Hospital and Trauma Ctr.	Brgy. Maderan, Gen. Mariano Alvarez	Private	25	Level 2
	Silang				
32	Adventist Univ. of the Philippines Health Service	Putingkahoy, Silang	Private	10	Level 1
33	Estrella Hospital	Km. 43 Aguinaldo Highway Silang	Private	20	Level 2
34	Silang General Hospital	M. H. del Pilar St. Silang, Cavite	Private	10	Level 1
35	St. Mazonod Hospital, Inc.	Blk. 113 Lot 7 & 8 AFP Housing Bulihan, Silang	Private	12	Level 1
36	Velazco Hospital	J. Rizal St., Sabutan, Silang	Private	25	Level 2
	District VI				
	Trece Martires City				
37	General Emilio Aguinaldo Memorial Hospital	Brgy. Luciano, Trece Martires City	Government	260	Level 4
38	M.V. Santiago Medical Center	Brgy. De Ocampo, Trece Martires City	Private	63	Level 2
	Gen. Trias				
39	Divine Grace Medical Center	Bypass Road, Tejero, Gen. Trias	Private	50	Level 3
40	Gen Trias Medicare Hospital	Brgy. Pinagtipunan, General Trias	Government	10	Level 1
41	General Trias Maternity and Pediatric Hospital	Tejero, General Trias, Cavite	Private	40	Level 2
42	SSMC Satellite Hospital	Gateway Business Park, Brgy. Javalera General Trias	Private	25	Level 2
	Tanza				
43	Tanza Family General Hospital	Nia Road, Daang Amaya 2, Tanza	Private	44	Level 2
44	JNRAL Family Corporation Hospital (formerly Manas Medical Clinic)	A. Soriano Highway, Sahud Ulan, Tanza	Private	15	Level 1

	NAME OF HOSPITAL	LOCATION	TYPE OF HOSPITAL	AUTHORIZED BED CAPACITY	SERVICE CAPABILITY / CATEGORY
	District VII				
	Tagaytay City				
45	Ospital ng Tagaytay	Bacolod St. Kaybagal South Tagaytay	Government	12	Level 1
46	Tagaytay Hospital and Medical Center Alfonso	Silang Crossing, East Tagaytay Rotonda, Tagaytay City	Private	50	Level 3
47	DLS-Dr. Rodolfo Poblete Memorial Hospital Magallanes	Burgos St. Brgy 1, Alfonso	Private	20	Level 2
48	Our Lady of the Way Medical and Pediatric Clinic Maragondon	92 Brgy. Cabulusan Magallanes	Private	5	Level 1
49	Cavite Municipal Hospital Naic	Garita A, Maragondon	Government	10	Level 1
50	Naic Medicare Hospital	A. Soriano Highway, Naic	Government	10	Level 1
51	First Filipino Saint Hospital	Governors Drive Naic	Private	40	Level 2
52	Naic Doctors Hospital, Inc.	Daang Makina, Naic	Private	30	Level 2
Total Authorized Bed Capacity				2,258	

Sources: Department of Health, Region IV-A

Note:

LEVEL 1 An emergency hospital that provides initial clinical care and management to patients requiring immediate treatment, as well as primary care on prevalent diseases in the locality

LEVEL 2 Non-departmentalized hospital that provides clinical care and management on the prevalent diseases in the locality

LEVEL 3 Departmentalized hospital that provides clinical care and management on the prevalent diseases in the locality, as well as particular forms of treatment, surgical procedure and intensive care
LEVEL 4 Teaching and training hospital (with at least one Accredited Residency training Program for Physicians) that provides clinical care and management on the prevalent diseases in the locality, as well as specialized and sub-specialized forms of treatment, surgical procedure and intensive care

HEALTH PERSONNEL/WORKERS

Based on the data below, it is noted that there are only 47 government medical doctors in Cavite which comprise 8.16 percent of the total number of government health personnel/workers which is 576. With the 2009 projected population of 3,125,035, the doctor-population ratio in the province is measured at 1:66,803 against the standard ratio of 1:20,000. Likewise, the total number of dentists (37) which pertains to 6.42 percent has resulted to the dentist-population ratio of 1:84,858. As observed, this figure is much lower compared to the standard dentist-population ratio of 1:20,000. It is also noted that nurses comprising 23.78 percent or 137 out of the summed up number of health workers/personnel has led to 1:22,918 nurse-population ratio against 1:20,000 while midwives which is 61.63 percent or 355 has marked the ratio of 1:8,844 against the standard ratio of 1: 5,000. Based on these figures, it can be concluded that the province falls short of the

Figure 5.8. Licensed Hospitals by Service Capability, Province of Cavite: 2009

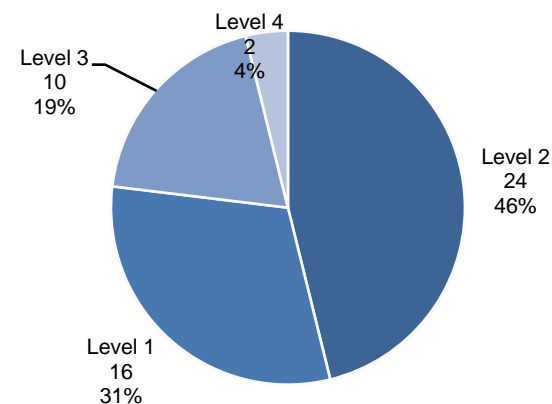


Table 5.25. Number of Public Health Workers by City/Municipality, Province of Cavite: 2008

City/Municipality	2009 Projected Population	Doctors	Doctor-Population Ratio	Dentists	Dentist-Population Ratio	Nurses	Nurse-Population Ratio	Midwives	Midwife-Population Ratio
District I									
Cavite City	106,072	6	1 : 17,679	1	1 : 106,072	6	1 : 17,679	15	1 : 7,071
Kawit	80,665	1	1 : 80,665	2	1 : 40,332	4	1 : 20,166	12	1 : 6,722
Noveleta	41,598	1	1 : 41,598	1	1 : 41,598	1	1 : 41,598	5	1 : 8,320
Rosario	100,842	1	1 : 100,842	3	1 : 33,614	11	1 : 9,167	19	1 : 5,307
District II									
Bacoor	488,182	7	1 : 69,740	6	1 : 81,364	17	1 : 28,717	30	1 : 16,273
District III									
Imus	271,871	5	1 : 54,374	4	1 : 67,968	7	1 : 38,839	38	1 : 7,155
District IV									
Dasmariñas	618,270	4	1 : 154,568	4	1 : 154,568	28	1 : 22,081	71	1 : 8,708
District V									
Carmona	75,105	2	1 : 37,552	1	1 : 75,105	3	1 : 25,035	12	1 : 6,259
Gen. M. Alvarez	144,146	2	1 : 72,073	1	1 : 144,146	2	1 : 72,073	21	1 : 6,864
Silang	213,892	2	1 : 106,946	1	1 : 213,892	5	1 : 42,778	27	1 : 7,922
District VI									
Trece Martires City	111,588	2	1 : 55,794	2	1 : 55,794	4	1 : 27,897	8	1 : 13,949
Gen. Trias	265,403	1	1 : 265,403	3	1 : 88,468	15	1 : 17,694	18	1 : 14,745
Tanza	194,013	3	1 : 64,671	1	1 : 194,013	12	1 : 16,168	18	1 : 10,779
Amadeo	33,584	1	1 : 33,584	0	0 : 31,705	2	1 : 16,792	6	1 : 5,597
District VII									
Tagaytay City	67,087	1	1 : 67,087	1	1 : 67,087	4	1 : 16,772	6	1 : 11,181
Alfonso	50,549	1	1 : 50,549	0	0 : 47,973	1	0 : 50,175	8	1 : 6,319
Gen. Aguinaldo	18,925	1	1 : 18,925	0	0 : 17,818	1	1 : 18,925	5	1 : 3,785
Indang	63,669	1	1 : 63,669	1	1 : 63,669	6	1 : 10,612	8	1 : 7,959
Magallanes	19,117	1	1 : 19,117	1	1 : 19,117	2	1 : 9,559	5	1 : 3,823
Maragondon	34,293	1	1 : 34,293	1	1 : 34,293	1	1 : 34,293	7	1 : 4,899
Mendez	27,920	1	1 : 27,920	1	1 : 27,920	2	1 : 13,960	4	1 : 6,980
Naic	91,501	1	1 : 91,501	1	1 : 91,501	2	1 : 45,751	9	1 : 10,167
Ternate	21,467	1	1 : 21,467	1	1 : 21,467	1	1 : 21,467	3	1 : 7,156
TOTAL	3,139,760	47	1 : 66,803	37	1 : 84,858	137	1 : 22,918	355	1 : 8,844

Sources: Provincial Health Office, Trece Martires City, Cavite

Note: National Standard Ratios:
Population Ratio 1: 5000

Doctor-Population Ratio 1: 20,000

Dentist-Population Ratio 1: 20,000

Nurse-Population Ratio 1: 20,000

Midwife-

As presented on Table 5.26, the number of active Barangay Health Workers (BHWs) decreased by 1.22 percent in 2009 with a total number of 2,423 as compared to 2,453 active BHWs in 2008. To cope up with the increasing demands for various medical and health services and complement the shortage in the number of health personnel, the province resourcefully applied different strategies. The provincial government thru its Provincial Health Office implements programs with various non-government organizations (NGOs) and volunteer teams to reach out more patients particularly those with special needs and those belonging to underprivileged

Table 5.26. Number of Barangay Health Workers by City/Municipality, Province of Cavite: 2008 and 2009

City/Municipality	Active Barangay Health Workers		Percent Increase/Decrease
	2008	2009	
District I			
Cavite City	80	80	0.00
Kawit	73	69	5.48
Noveleta	35	30	14.29
Rosario	169	148	12.43
District II			
Bacoor	106	117	-10.38
District III			
Imus	79	79	0.00
District IV			
Dasmariñas	259	233	10.04
District V			
Carmona	109	109	0.00
Gen. M. Alvarez	95	100	-5.26
Silang	145	137	5.52
District VI			
Trece Martires City	38	45	-18.42
Gen. Trias	125	125	0.00
Tanza	114	109	4.39
Amadeo	66	72	-9.09
District III			
Tagaytay City	56	56	0.00
Alfonso	164	185	-12.80
Gen. Aguinaldo	108	134	-24.07
Indang	75	75	0.00
Magallanes	88	88	0.00
Maragondon	169	129	23.67
Mendez	78	75	3.85
Naic	164	170	-3.66
Ternate	58	58	0.00
TOTAL	2,453	2,423	-1.22

Source: Provincial Health Office, Trece Martires City

HEALTH STATISTICS

Using the health indices as reference, health situation in the province shows positive condition for 2009 despite of the previously mentioned shortage of health personnel against the standard requirements for ideal population health management ratio.

NSO record shows that there are 30,563 live births in Cavite for 2009 representing a crude birth rate of 21.75 births for every thousand population (Table 5.27). This indicates a slight increase of 1.34 from the previous year's 20.41 crude birth rate level (Table 5.28).

Table 5.27. Number of Births by Gender, Province of Cavite: 2009

Month	Male	Female	Total
January	1,308	1,240	2,548
February	1,207	1,078	2,285
March	1,313	1,178	2,491
April	1,193	1,090	2,283
May	1,268	1,162	2,430
June	1,256	1,070	2,326
July	1,326	1,170	2,496
August	1,214	1,194	2,408
September	1,539	1,339	2,878
October	1,697	1,553	3,250
November	1,352	1,267	2,619
December	1,346	1,203	2,549
Total	16,019	14,544	30,563

Source: National Statistics Office, Trece Martires City

On the other hand, the decline of rates in death/mortality and morbidity is a positive indication for the success in preventing and controlling diseases and sustaining good health condition of the populace in Cavite. Crude death rate goes up with a record of 3.59 deaths for every thousand population from 3.16 in 2008. However, infant mortality rate, which measures the risk of dying among infants less than one-year of age, has shown an increase to 5.53 against 5.43 in 2008, and so it is for maternal mortality rate, an indicator that measures death among women during pregnancy, childbirth, and postpartum, except those from accidental or incidental cases which posted a record of 39.23 maternal deaths per thousand live births from a record of 22.19 in the previous year (Table 5.28).

Table 5.28. Vital Health Indeces, Province of Cavite: 2008 and 2009

Health Indices	2008	2009
Crude Birth Rate	20.41	21.75
Crude Death Rate	3.16	3.59
Infant Mortality Rate	5.43	5.53
Maternal Mortality Rate	22.19	39.23

Sources: Provincial Health Office Trece Martires City, Cavite

Leading Causes of Morbidity

For the leading causes of morbidity, Acute Upper Respiratory Tract Infection remains number one from 2006 to 2009. Other leading causes include hypertension; diarrhea; influenza; bronchitis; pneumonias; urinary tract infection; wounds; acute tonsilopharyngitis and TB respiratory. (Table 5.29).

Table 5.29. Table Ten Leading Causes of Morbidity Rate/100,000 Population Province of Cavite: 2009

Causes	Number	Rate
1. Acute Upper Respiratory Tract Infection	18,664	723.89
2. Hypertension	10,293	399.22
3. Diarrhea	8,422	326.65
4. Influenza	5,363	208.00
5. Bronchitis	5,305	205.76
6. Pneumonias	5,107	198.1
7. Urinary Tract Infection	2,466	95.64
8. Wounds	1,815	70.39
9. Acute Tonsilopharyngitis	1,631	63.26
10. TB Respiratory	1,304	50.58

Sources: Provincial Health Office Trece Martires City, Cavite

Leading Causes of Mortality

Based on the registration documents of National Statistics Office (NSO), there are 12,118 number of deaths in 2009 wherein 6,992 or 57.70 percent are male and 5,126 or 42.30 percent are female. The month of January has the highest number of deceased person (1,146), followed by the month of October with 1,076 and September with 1,058. (Table 5.31).

Cancer has become the leading cause of mortality for adults in 2009 at a record of 819 cases. Heart Disease has gone down to number three from being the leading cause of mortality in 2008. (Table 5.30).

As pneumonia is still number two leading cause of mortality for adults, it has remained as the number one cause of infant deaths for 2008 and 2009 followed by prematurity. Other causes of infant deaths include sepsis, asphyxia, diarrheal disease, congenital heart disease, intra uterine fetal death, hyaline membrane disease, heart disease and Sudden Infant Death Syndrome (Table 5.32).

Table 5.31. Number of Deaths of Gender, Province of Cavite: 2009

Month	Male	Female	Total
January	665	481	1,146
February	484	343	827
March	595	417	1,012
April	511	405	916
May	550	380	930
June	563	483	1,046
July	642	467	1,109
August	570	411	981
September	578	480	1,058
October	644	432	1,076
November	576	414	990
December	614	413	1,027
Total	6,992	5,126	12,118

Source: National Statistics Office, Trece

Table 5.30. Ten Leading Causes of Mortality Rate/100,000 Population Province of Cavite: 2009

Causes	Number	Rate
1. Cancer (all kinds)	819	31.77
2. Pneumonia	743	28.82
3. Heart Disease	717	27.81
4. Acute Myocardial Infarction	633	24.55
5. Hypertensive Vascular Disease	592	22.96
6. Diabetes Mellitus	388	15.05
7. Renal Failure	352	13.65
8. Tuberculosis	326	12.64
9. Degenerative Diseases	291	11.29
10. Cerebrovascular Accident	276	11.00

Sources: Provincial Health Office, Trece Martires City, Cavite Martires City

Leading Causes of Maternal Mortality

Eclampsia is identified as the number one cause of maternal death in the province for 2009 at a rate of 12.5 percent per thousand population. Uterine Atony, a loss of tone in the uterine musculature which may also be a cause for post partum hemorrhage is the second cause of maternal death that was recorded followed by Septicemia at a rate of 8.92. Other causes are amniotic fluid embolism, anemia of pregnancy, retained placenta, disseminated

Table 5.32. Ten Leading Causes of Infant Mortality Rate/100,000 Population Province Of Cavite: 2009

intravascular and Placenta Accreta. (Table 5.33).

Causes	Number	Rate
1. Pneumonia	63	1.12
2. Prematurity	45	0.80
3. Sepsis	23	0.41
4. Asphyxia	17	0.3
5. Diarrheal Disease	16	0.29
6. Congenital Heart Disease	12	0.21
7. Intra Uterine Fetal Death	12	0.21
8. Hyaline Membrane Disease	9	0.16
9. Heart Disease	7	0.12
10. Sudden Infant Death Syndrome	7	0.12

Sources: Provincial Health Office, Trece Martires City, Cavite

Table 5.33. Leading Causes of Maternal Mortality Rate/1,000 Population Province of Cavite: 2009

Causes	Number	Rate
1. Eclampsia	7	12.5
2. Uterine Atony	6	10.7
3. Septicemia	5	8.92
4. Amniotic Fluid Embolism	1	1.78
5. Anemia of Pregnancy	1	1.78
6. Retained Placenta	1	1.78
7. Disseminated Intravascular Coagulation	1	1.78
8. Placenta Accreta	1	1.78

Sources: Provincial Health Office, Trece Martires City, Cavite

NUTRITION

Operation Timbang is an annual weighing of pre-schoolers aged 0-71months or below 6 years old conducted by Barangay Nutrition Scholars through Nutrition Office of the Provincial Government of Cavite. Nutritional status of pre-schoolers (PS) and school children is determined by comparing their actual weight against the standard weight of children based on their age as prescribed by the Nutrition Council of the Philippines.

The result of Operation Timbang in 2009 revealed that out of 511,458 pre-schoolers, 71.99 percent or 368,198 pre-schoolers have been weighed. A total of 320,277 or 86.98 percent weighed normal while 9.15 percent or a total of 33,704 of the pre-schoolers weighed fall on the category of Below Normal. The remaining 3.86 percent or 14,217 are above normal (Table 5.34). Of the total number of pre-schoolers under study, 296,226 are considered normal which further implies that the health condition of most pre-schoolers in the province is properly monitored by health centers and offices.



Table 5.34. Nutritional Status of Pre-Schoolers (0 To 71 Months Old) by City/ Municipality, Province of Cavite: 2009

City/Municipality	Estimated No. of PS	Total Number of PS Weighed	%	Below Normal				Normal	%	Above Normal	%
				(Very Low)	(Low)	Total	%				
District I											
Cavite City	17,289	13,920	80.51	1,308	143	1,451	10.42	11,903	85.51	566	4.07
Kawit	8,314	5,033	60.54	115	603	718	14.27	4,130	82.06	185	3.68
Noveleta	41,768	5,374	12.87	47	398	445	8.28	4,665	86.81	264	4.91
Rosario	10,600	10,600	100.00	220	1,159	1,379	13.01	8,912	84.08	309	2.92
District II											
Bacoor	84,881	56,800	66.92	3,334	6,914	10,248	18.04	41,217	72.57	5,335	9.39
District III											
Imus	44,576	36,530	81.95	201	874	1,075	2.94	34,482	94.39	973	2.66
District IV											
Dasmariñas	89,771	73,304	81.66	521	2,990	3,511	4.79	67,651	92.29	2,142	2.92
District V											
Carmona	12,582	8,331	66.21	70	509	579	6.95	7,483	89.82	269	3.23
Gen. M. Alvarez	23,883	17,879	74.86	425	2,060	2,485	13.90	14,791	82.73	603	3.37
Silang	25,586	25,397	99.26	435	2,092	2,527	9.95	22,167	87.28	703	2.77
District VI											
Trece Martires City	18,736	16,686	89.06	82	717	799	4.79	15,774	94.53	113	0.68
Gen. Trias	46,614	27,036	58.00	494	2,033	2,527	9.35	23,607	87.32	902	3.34
Tanza	25,698	24,439	95.10	374	1,284	1,658	6.78	22,250	91.04	531	2.17
Amadeo	5,432	3,922	72.20	42	223	265	6.76	3,533	90.08	124	3.16
District VII											
Tagaytay City	6,339	6,339	100.00	20	405	425	6.70	5,839	92.11	75	1.18
Alfonso	6,328	5,920	93.55	12	317	329	5.56	5,436	91.82	155	2.62
Gen. E. Aguinaldo	1,990	1,990	100.00	5	178	183	9.20	1,771	88.99	36	1.81
Indang	10,990	6,693	60.90	37	429	466	6.96	6,007	89.75	220	3.29
Magallanes	3,361	2,886	85.87	38	322	360	12.47	2,465	85.41	61	2.11
Maragondon	5,689	4,488	78.89	45	519	564	12.57	3,857	85.94	67	1.49
Mendez	2,947	2,947	100.00	39	185	224	7.60	2,565	87.04	158	5.36
Naic	15,083	8,683	57.57	174	862	1,036	11.93	7,279	83.83	368	4.24
Ternate	3,001	3,001	100.00	34	416	450	15.00	2,493	83.07	58	1.93
Total	511,458	368,198	71.99	8,072	25,632	33,704	9.15	320,277	86.98	14,217	3.86

Source: Provincial Nutrition Office, Trece Martires City, City Nutrition Offices, Cavite City, Tagaytay City and Trece Martires City