

## **ASSESSMENT BY COMMUNE**

---

# Commune: Binh Hien

## District: Hai Chau

### Profile

Binh Hien commune is located on the west bank of the Han River. Population density is quite high, exceeding 400 pax/ha. In terms of employment, the tertiary sector has cornered 76% of employed labor. As the commune has 5 schools, the daytime student population is high. It also has 5 pagodas and 3 churches. Several hospitals are likewise located here, one of which is the HIV/AIDS Prevention Center. The Cham Museum can be found in this commune.

### FACT SHEET

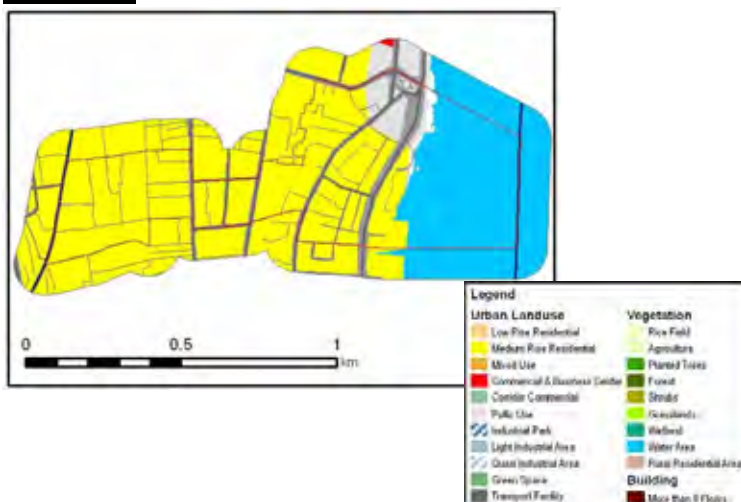
Main Indicators		Value
Population	Population (2000)	12,278
	Population (2007)	12,782
	Average Population Growth Rate (00-07)	0.58
	Gross Population Density Ratio (no./ha)	254
	Net Population Density Ratio (no./ha)	409
Land	Total Area (ha)	50
	Net Area (ha) <sup>1</sup>	31.27
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	0 : 24 : 76
	Employment-Residence Ratio (%) <sup>2</sup>	0.77
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.62
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	4,671
	Poor Households (%)	5.0
	Households with Own Houses (%)	97.6
	Households with Cars/1-2 Motorcycles (%)	96.2
Transportation	Average Travel Time (excluding walking) (min.)	14.8
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	13.58
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	88.6
	Households with Internet Connection (%)	34
Health	Hospitals (no.)	4
	Hospital Beds (no.)	50
	Doctors (no.)	21
Education	Schools (no.)	5
	Students (no.)	4,846
	Teachers (no.)	222

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

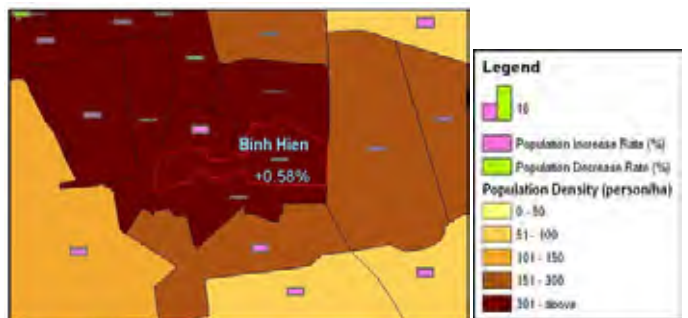
### Land Use



### Location



### Population



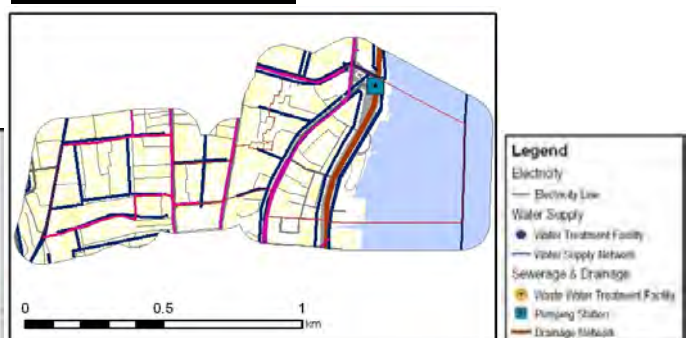
### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Binh Hien Commune	ASSESSMENT			
		Binh Hien Commune	Hai Chau District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							<b>0.53</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>32</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.43	2	1	1	24
	Road Area Ratio (% per net area)	15.5	19.8	12.8	15.0	Traffic Situation	0.71	2	26	1	28
	To-work Travel Time (min.)	15.2	14.9	16.7	15.0	To-work Travel Time	0.51	2	21	1	35
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	593	543	450	250	Transportation Convenience	0.73	2	3	1	26
	# of TV Sets per 000 Population	453	407	323	300	Telecommunications	0.39	2	3	1	38
	# of Telephones per 000 Population	252	227	200	300	Telecommunications	0.39	1	1	1	38
							<b>0.33</b>	<b>0</b>	<b>21</b>	<b>1</b>	<b>29</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.48	2	17	1	31
	Flood Vulnerability (% of area)	55.4	38.7	25.7	10.0	Flooding	0.29	-2	45	1	33
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.56	2	1	1	6
	Traffic Injuries per 100,000 Population	710	1,306	1,480	700	Traffic Safety	-0.01	-1	20	0	43
							<b>0.27</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>36</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	97.5	95.2	60.9	80.0	Water Supply	0.43	1	6	1	16
	HHs Covered by SW Collection Services (%)	97.5	96.3	80.2	90.0	Solid Waste Collection	0.33	2	26	1	34
	HHs with Sewerage Systems (%)	95.0	87.7	51.6	90.0	Drainage Conditions	0.27	1	5	1	41
	Hospitals per 000 Population	0.31	0.16	0.13	0.15	Access to Health Care	0.06	2	3	1	41
								<b>0.17</b>	<b>-1</b>	<b>32</b>	<b>1</b>
AMENITY	Cultural Facilities per 000 Population	0.78	0.41	0.53	1.00	Access to Entertainment Facilities	-0.04	1	11	0	26
	Water Areas per 000 Population (ha)	1.06	1.25	5.52	10.00	Neighborhood Landscape	0.23	-1	28	1	8
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.14	-2	13	1	16
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	-0.11	-2	42	-1	38
	Average Living Space per Capita (m <sup>2</sup> )	23.5	22.4	75.3	50.0	Housing Conditions	0.30	2	39	1	39
	Net Population Density (no./ha)	409	206	39	100	Peace and Order Situation	0.47	-1	50	1	13
							<b>0.52</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>29</b>
CAPACITY	Average Annual Income (USD)	3,114	3,295	2,619	5,000	Housing	0.56	1	17	1	6
	Motor Vehicle Ownership per 000 Population	593	543	450	250	Transportation Convenience	0.73	2	3	1	26
	Internet Connections per 000 Population	342	342	174	500	Telecommunications	0.39	2	9	1	38
	Mobile Phone Ownership per 000 Population	550	477	352	500	Telecommunications	0.39	2	1	1	38

**Overall Assessment**

**Objective Assessment Score: 0.86 (2/56)**  
**Subjective Assessment Score: 0.36 (33/56)**

rank /  
commune

**Summary Diagnosis**

**Overall Assessment** The people have a balanced and positive perception of their living environment, although amenities are not adequate.

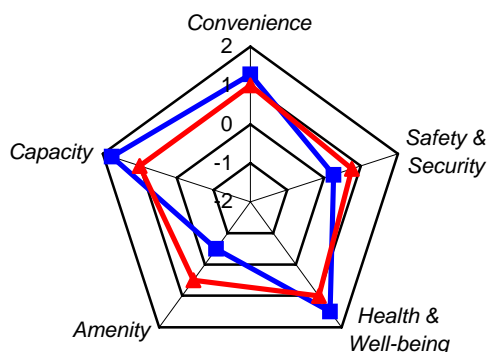
**Convenience** The status is generally good, especially transportation (excluding public transportation).

**Safety & Security** This commune is highly vulnerable to floods and traffic injury rates are relatively high.

**Health & Well-being** Basic services are well provided, but people are dissatisfied with their access to health care services.

**Amenity** Parks, open space, and greeneries are limited and people are dissatisfied. On the other hand, housing conditions are good.

**Capacity** Capacity scores are high, especially in terms of transportation convenience and telecommunications.



— Objective Assessment Score — Subjective Assessment Score



# Commune: Binh Thuan

## District: Hai Chau

### Profile

Binh Thuan commune is located on the west bank of the Han River. Medium-rise residential area is the dominant land use in this commune. Population has not grown much since 2000. Employment is mostly in the tertiary sector, and the average monthly household income is quite high. The commune has many schools, including a college, 4 pagodas, and several tennis courts.

### FACT SHEET

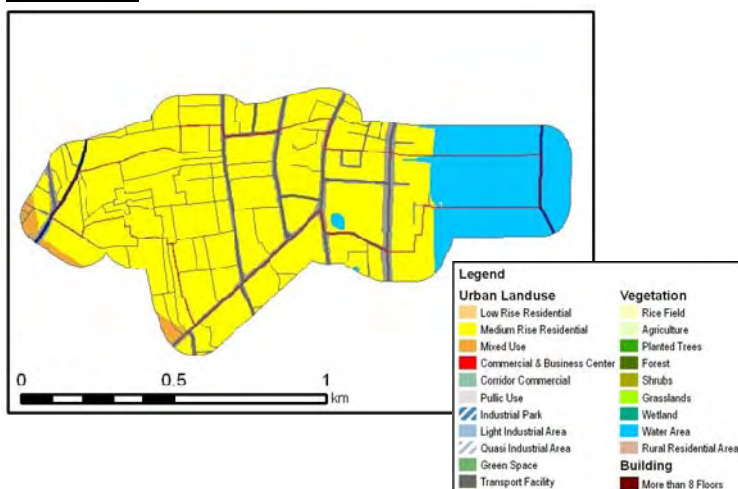
Main Indicators		Value
Population	Population (2000)	14,456
	Population (2007)	14,894
	Average Population Growth Rate (00-07)	0.43
	Gross Population Density Ratio (no./ha)	289
	Net Population Density Ratio (no./ha)	399
Land	Total Area (ha)	51.62
	Net Area (ha) <sup>1</sup>	37.36
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 19 : 81
	Employment-Residence Ratio (%) <sup>2</sup>	0.83
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.84
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	4,976
	Poor Households (%)	6.5
	Households with Own Houses (%)	97.8
	Households with Cars/1-2 Motorcycles (%)	95.7
Transportation	Average Travel Time (excluding walking) (min.)	14.3
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	9.70
	Parks and Open Spaces (ha)	0.12
Connectivity	Households with Mobile Phones (%)	81.7
	Households with Internet Connection (%)	30.1
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	8
	Students (no.)	4,060
	Teachers (no.)	224

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

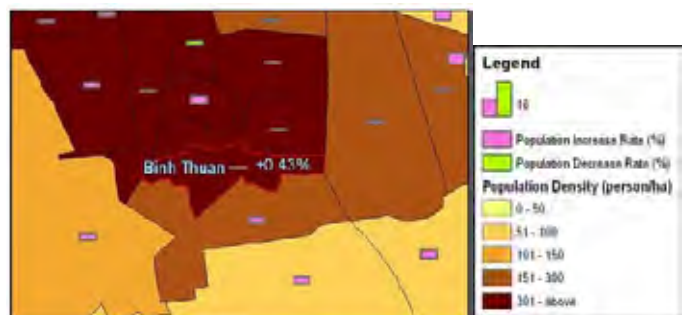
### Land Use



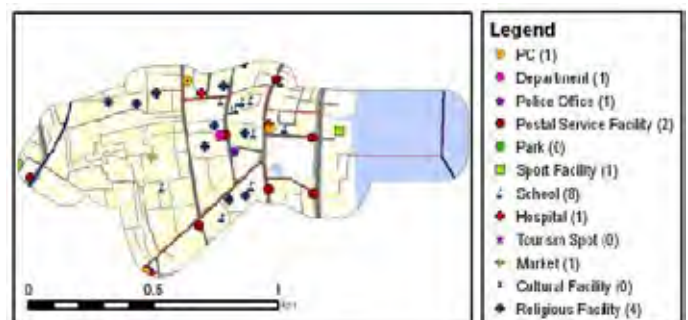
### Location



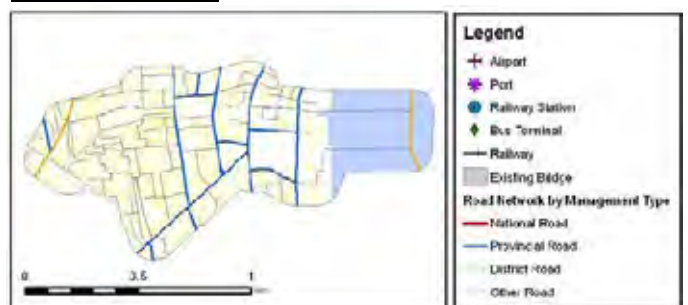
### Population



### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Binh Thuan Commune	ASSESSMENT			
		Binh Thuan Commune	Hai Chau District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE						<b>0.56</b>	<b>1</b>	<b>20</b>	<b>1</b>	<b>25</b>	
	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.40	2	1	1	26
	Road Area Ratio (% per net area)	10.1	19.8	12.8	15.0	Traffic Situation	0.77	1	32	1	19
	To-work Travel Time (min.)	15.3	14.9	16.7	15.0	To-work Travel Time	0.62	2	23	1	24
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	529	543	450	250	Transportation Convenience	0.72	2	10	1	28
	# of TV Sets per 000 Population	365	407	323	300	Telecommunications	0.42	2	15	1	37
# of Telephones per 000 Population	229	227	200	300	Telecommunications	0.42	1	8	1	37	
SAFETY & SECURITY						<b>0.38</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>20</b>	
	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.47	2	1	1	32
	Flood Vulnerability (% of area)	26.0	38.7	25.7	10.0	Flooding	0.54	-2	33	1	15
	HHs with Permanent Housing (%)	95.7	98.9	98.4	100.0	Housing	0.48	1	49	1	17
Traffic Injuries per 100,000 Population	839	1,306	1,480	700	Traffic Safety	0.03	-1	22	0	37	
HEALTH & WELL-BEING						<b>0.37</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>23</b>	
	HHs with Piped Water Connection (%)	95.7	95.2	60.9	80.0	Water Supply	0.42	1	9	1	17
	HHs Covered by SW Collection Services (%)	97.9	96.3	80.2	90.0	Solid Waste Collection	0.34	2	22	1	31
	HHs with Sewerage Systems (%)	86.0	87.7	51.6	90.0	Drainage Conditions	0.56	1	22	1	22
	Hospitals per 000 Population	0.07	0.16	0.13	0.15	Access to Health Care	0.15	0	45	1	31
AMENITY						<b>0.24</b>	<b>-1</b>	<b>47</b>	<b>1</b>	<b>11</b>	
	Cultural Facilities per 000 Population	0.34	0.41	0.53	1.00	Access to Entertainment Facilities	0.07	-1	31	1	21
	Water Areas per 000 Population (ha)	0.65	1.25	5.52	10.00	Neighborhood Landscape	0.24	-2	34	1	5
	Parks / Open Spaces per 000 Population (ha)	0.01	0.52	0.46	3.00	Access to Parks and Green Spaces	0.09	-2	11	1	21
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	0.10	-2	42	1	15
	Average Living Space per Capita (m <sup>2</sup> )	20.1	22.4	75.3	50.0	Housing Conditions	0.49	2	47	1	14
	Net Population Density (no./ha)	399	206	39	100	Peace and Order Situation	0.46	-1	49	1	15
CAPACITY						<b>0.51</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>31</b>	
	Average Annual Income (USD)	3,317	3,295	2,619	5,000	Housing	0.48	1	10	1	17
	Motor Vehicle Ownership per 000 Population	529	543	450	250	Transportation Convenience	0.72	2	10	1	28
	Internet Connections per 000 Population	301	342	174	500	Telecommunications	0.42	2	12	1	37
Mobile Phone Ownership per 000 Population	448	477	352	500	Telecommunications	0.42	1	12	1	37	

**Overall Assessment**

Objective Assessment Score: **0.53 (15/56)**  
 Subjective Assessment Score: **0.41 (16/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: People are generally satisfied with their living environment. Objective score results low due to poor amenity.

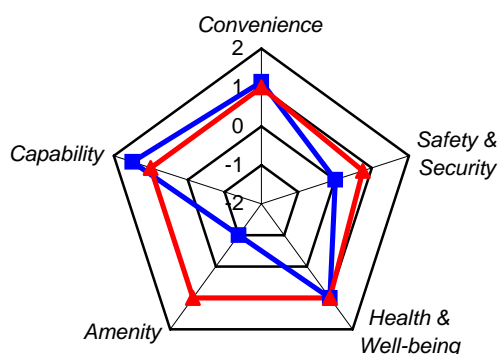
**Convenience**: People have good access to electricity, motor vehicles, and TVs, however the satisfaction level for telecommunications is low.

**Safety & Security**: Flood and traffic safety are in a bad condition, however the people are overall rather satisfied with safety & security situations.

**Health & Well-being**: Generally health and well-being services are well provided.

**Amenity**: The situation of amenity is quite poor, but the people's perception is not proportionate to this condition.

**Capacity**: Objective scores for capability are quite high, and people are generally satisfied.



— Objective Assessment Score — Subjective Assessment Score



# Commune: Hoa Cuong Nam

District: Hai Chau

## Profile

Hoa Cuong Nam commune was established in 2005 when, as a result of administrative reform, one commune was split into two, namely Hoa Cuong Nam and Hoa Cuong Bac. Much of the Hoa Cuong Nam borders the river. Population density is not very high, but the daytime employment population is high compared to the number of residents. The commune has a 12-hectare wholesale market, which the city manages, and the Da Nang Tourism & Cultural Park.

## FACT SHEET

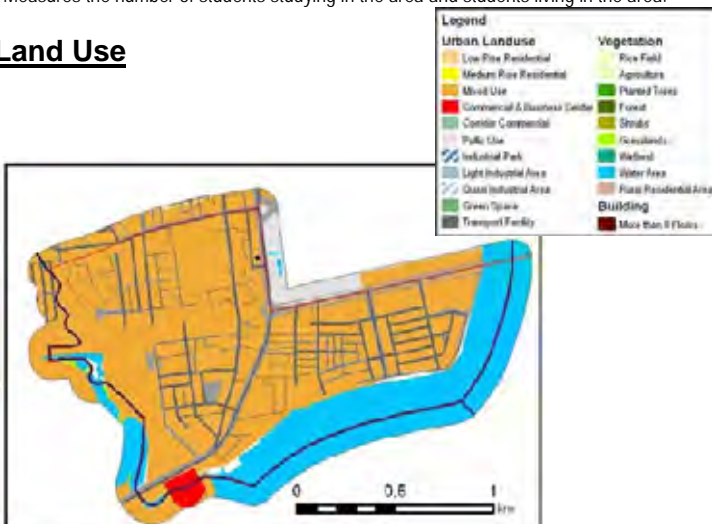
Main Indicators		Value
Population	Population (2000)	27,119
	Population (2007)	11,787
	Average Population Growth Rate (00-07)	2.36
	Gross Population Density Ratio (no./ha)	55
	Net Population Density Ratio (no./ha)	88
Land	Total Area (ha)	212.81
	Net Area (ha) <sup>1</sup>	134.10
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	2 : 18 : 80
	Employment-Residence Ratio (%) <sup>2</sup>	1.19
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.99
Household Information	Average Household Size	3.8
	Average Monthly Household Income (000VND)	4,118
	Poor Households (%)	2.5
	Households with Own Houses (%)	100.0
	Households with Cars/1-2 Motorcycles (%)	91.4
Transportation	Average Travel Time (excluding walking) (min.)	15.7
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	51.14
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	78.0
	Households with Internet Connection (%)	24.3
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	7
	Students (no.)	3,248
	Teachers (no.)	135

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

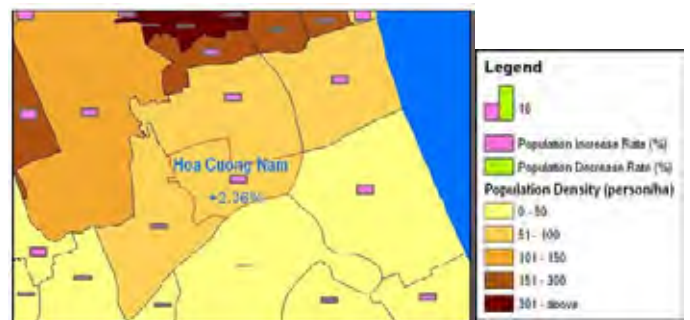
## Land Use



## Location



## Population



## Public Facilities



## Transportation



## Urban Infrastructure







# Commune: Hoa Thuan Tay

District: Hai Chau

## Profile

Hoa Thuan Tay commune was established in 2005 when, as a result of administrative reform, one commune was split into two, namely Hoa Thuan Tay and Hoa Thuan Dong. Most of Hoa Thuan Tay's area is occupied by the Danang International Airport (718 ha), which accounts for 85% of the commune's territory. The average monthly income of people in this commune is high at VND 5,393,000. The commune has a national government managed hospital, a sports club, and 2 tennis courts.

## FACT SHEET

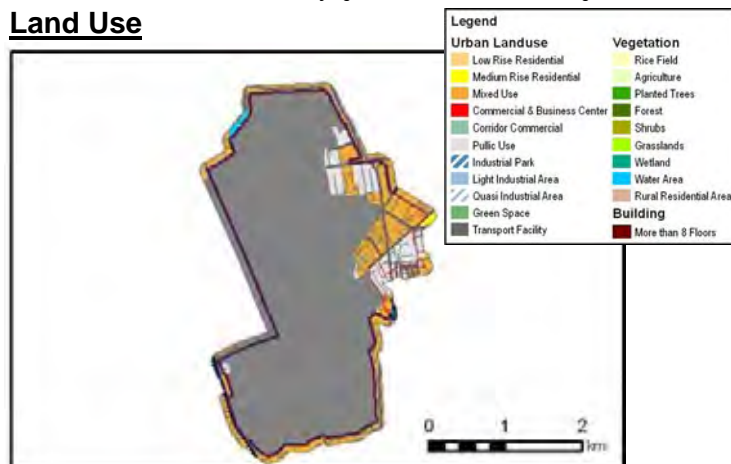
Main Indicators		Value
Population	Population (2000)	24,044
	Population (2007)	13,322
	Average Population Growth Rate (00-07)	2.50
	Gross Population Density Ratio (no./ha)	16
	Net Population Density Ratio (no./ha)	131
Land	Total Area (ha)	844.07
	Net Area (ha) <sup>1</sup>	101.64
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	0 : 15 : 85
	Employment-Residence Ratio (%) <sup>2</sup>	0.96
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.54
Household Information	Average Household Size	3.8
	Average Monthly Household Income (000VND)	5,393
	Poor Households (%)	2.5
	Households with Own Houses (%)	96.3
Transportation	Households with Cars/1-2 Motorcycles (%)	95.1
	Average Travel Time (excluding walking) (min.)	14.6
Landscape Areas	Public Transportation Usage (all trips) (%)	0.0
	Water Surface (ha)	5.69
Connectivity	Parks and Open Spaces (ha)	0.12
	Households with Mobile Phones (%)	91.3
Health	Households with Internet Connection (%)	37.0
	Hospitals (no.)	2
	Hospital Beds (no.)	300
Education	Doctors (no.)	0
	Schools (no.)	3
	Students (no.)	4,282
	Teachers (no.)	146

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

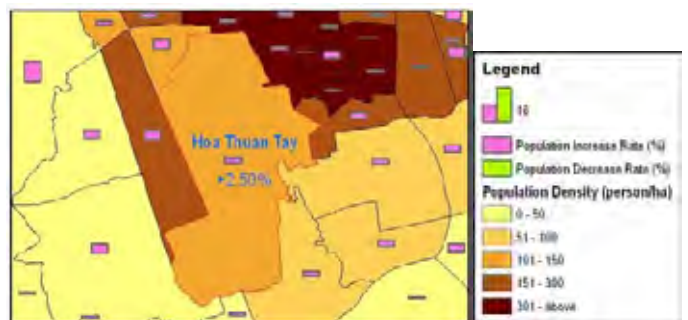
## Land Use



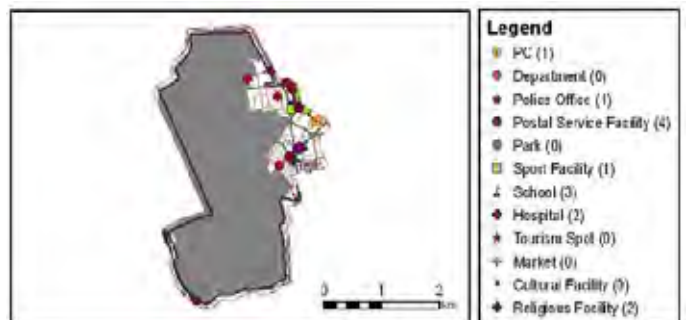
## Location



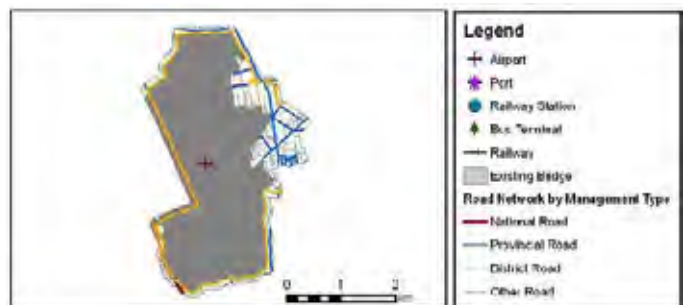
## Population



## Public Facilities



## Transportation



## Urban Infrastructure





Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Thuan Tay Commune	Hai Chau District	Danang City					Hoa Thuan Tay Commune	Objective Score	Commune Rank	Subjective Score
CONVENIENCE							<b>0.55</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>27</b>	
	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.31	2	1	1	36	
	Road Area Ratio (% per net area)	15.9	19.8	12.8	15.0	Traffic Situation	0.90	2	25	1	2	
	To-work Travel Time (min.)	14.3	14.9	16.7	15.0	To-work Travel Time	0.72	2	13	1	13	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-	
	Motor Vehicle Ownership per 000 Population	532	543	450	250	Transportation Convenience	0.81	2	9	1	13	
	# of TV Sets per 000 Population	398	407	323	300	Telecommunications	0.27	2	9	1	45	
	# of Telephones per 000 Population	233	227	200	300	Telecommunications	0.27	1	6	1	45	
SAFETY & SECURITY							<b>0.34</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>28</b>	
	Police Service Coverage (%)	97.7	99.8	71.6	80.0	Safety and Security	0.40	2	31	1	40	
	Flood Vulnerability (% of area)	43.7	38.7	25.7	10.0	Flooding	0.51	-2	42	1	17	
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.37	2	1	1	29	
HEALTH & WELL-BEING							<b>0.33</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>26</b>	
	HHs with Piped Water Connection (%)	100.0	95.2	60.9	80.0	Water Supply	0.33	2	1	1	30	
	HHs Covered by SW Collection Services (%)	97.5	96.3	80.2	90.0	Solid Waste Collection	0.28	2	25	1	41	
	HHs with Sewerage Systems (%)	91.3	87.7	51.6	90.0	Drainage Conditions	0.69	1	11	1	13	
	Hospitals per 000 Population	0.13	0.16	0.13	0.15	Access to Health Care	0.01	1	19	0	45	
AMENITY							<b>0.23</b>	<b>-1</b>	<b>36</b>	<b>1</b>	<b>12</b>	
	Cultural Facilities per 000 Population	0.20	0.41	0.53	1.00	Access to Entertainment Facilities	0.10	-1	45	1	16	
	Water Areas per 000 Population (ha)	0.43	1.25	5.52	10.00	Neighborhood Landscape	0.15	-2	40	1	16	
	Parks / Open Spaces per 000 Population (ha)	0.01	0.52	0.46	3.00	Access to Parks and Green Spaces	0.10	-2	12	1	20	
	Green Areas per 000 Population (ha)	0.04	0.01	298.66	300.00	Greenery	0.11	-2	36	1	13	
	Average Living Space per Capita (m <sup>2</sup> )	28.5	22.4	75.3	50.0	Housing Conditions	0.60	2	34	1	5	
	Net Population Density (no./ha)	131	206	39	100	Peace and Order Situation	0.30	1	34	1	26	
CAPACITY							<b>0.43</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>43</b>	
	Average Annual Income (USD)	3,596	3,295	2,619	5,000	Housing	0.37	1	6	1	29	
	Motor Vehicle Ownership per 000 Population	532	543	450	250	Transportation Convenience	0.81	2	9	1	13	
	Internet Connections per 000 Population	370	342	174	500	Telecommunications	0.27	2	6	1	45	
	Mobile Phone Ownership per 000 Population	526	477	352	500	Telecommunications	0.27	2	3	1	45	

**Overall Assessment**

**Objective Assessment Score: 0.97 (1/56)**  
**Subjective Assessment Score: 0.37 (29/56)**

rank /  
commune

**Summary Diagnosis**

**Overall Assesment** The commune has a high objective score due especially to high convenience, health & WELL-BEING, and capacity.

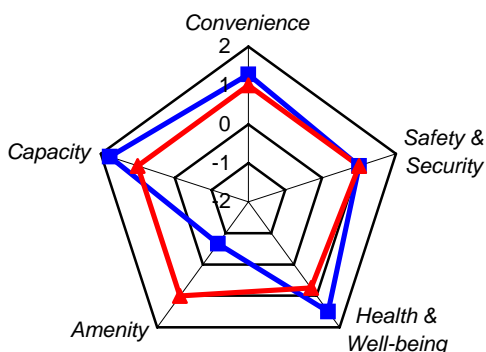
**Convenience** Basic services are very well provided; however, the commune is low on road area compared to the district average.

**Safety & Security** The people are rather dissatisfied with safety & security, but the current conditions are not so bad except for flood vulnerability.

**Health & Well-being** People are dissatisfied with solid waste collection services and access to health care.

**Amenity** Amenity scores are not high due to the lack of water and green areas.

**Capacity** The objective score for capacity is especially high, and all items exceed the district average which is already high compared to other districts.



— Objective Assesment Score — Subjective Assesment Score

# Commune: Hai Chau I

## District: Hai Chau

### Profile

Hai Chau I Commune has been and still is the central business commune in the city. Many public offices, including the Danang People's Committee and 6 city departments, are located here. It also has 6 hospitals and 17 schools, including the Danang University. Workers and students flock to this commune, contributing to a daytime-nighttime employment and student ratios of over 3. Han Market, one of the main markets in the city, and West Bach Dang Sidewalk Park are also located in this commune.

### FACT SHEET

Main Indicators		Value
Population	Population (2000)	15,575
	Population (2007)	14,615
	Average Population Growth Rate (00-07)	-0.90
	Gross Population Density Ratio (no./ha)	159
	Net Population Density Ratio (no./ha)	239
Land	Total Area (ha)	91.81
	Net Area (ha) <sup>1</sup>	61.15
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 14 : 84
	Employment-Residence Ratio (%) <sup>2</sup>	3.03
	Enrolment-Residence Ratio (%) <sup>3</sup>	3.88
Household Information	Average Household Size	4.3
	Average Monthly Household Income (000VND)	6,052
	Poor Households (%)	5.3
	Households with Own Houses (%)	96.9
	Households with Cars/1-2 Motorcycles (%)	96.8
Transportation	Average Travel Time (excluding walking) (min.)	14.5
	Public Transportation Usage (all trips) (%)	1.3
Landscape Areas	Water Surface (ha)	15.12
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	92.5
	Households with Internet Connection (%)	52.2
Health	Hospitals (no.)	6
	Hospital Beds (no.)	50
	Doctors (no.)	18
Education	Schools (no.)	17
	Students (no.)	13,050
	Teachers (no.)	596

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

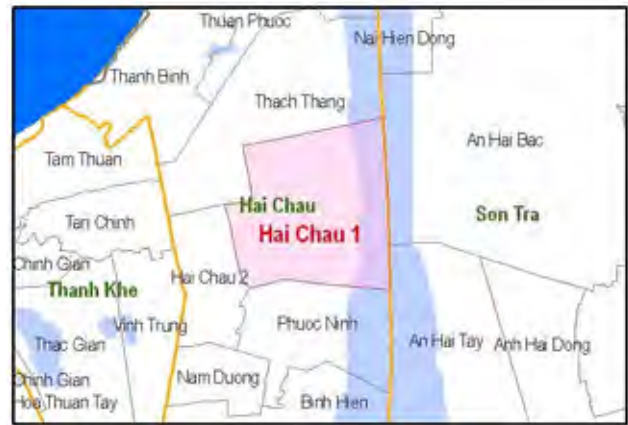
<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

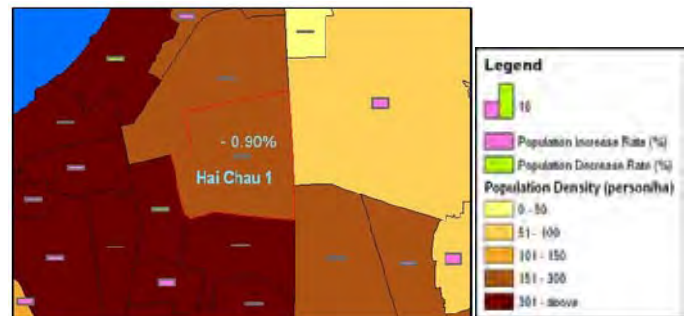
### Land Use



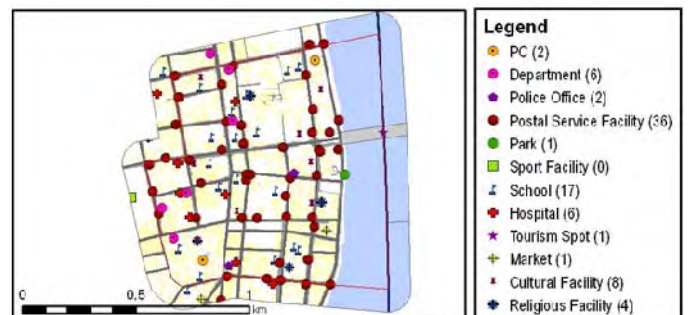
### Location



### Population



### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hai Chau I Commune	Hai Chau District	Danang City					Hai Chau I Commune	Objective Score	Commune Rank	Subjective Score
								<b>0.65</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>13</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.37	2	1	1	28	
	Road Area Ratio (% per net area)	22.0	19.8	12.8	15.0	Traffic Situation	0.80	2	7	1	14	
	To-work Travel Time (min.)	12.7	14.9	16.7	15.0	To-work Travel Time	0.90	2	4	1	2	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-	
	Motor Vehicle Ownership per 000 Population	520	543	450	250	Transportation Convenience	0.94	2	13	1	2	
	# of TV Sets per 000 Population	403	407	323	300	Telecommunications	0.43	2	7	1	31	
	# of Telephones per 000 Population	223	227	200	300	Telecommunications	0.43	1	17	1	31	
								<b>0.38</b>	<b>0</b>	<b>43</b>	<b>1</b>	<b>19</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.40	2	10	1	39	
	Flood Vulnerability (% of area)	12.9	38.7	25.7	10.0	Flooding	0.53	-2	26	1	16	
	HHs with Permanent Housing (%)	97.9	98.9	98.4	100.0	Housing	0.52	1	42	1	11	
	Traffic Injuries per 100,000 Population	1,965	1,306	1,480	700	Traffic Safety	0.07	-2	40	1	31	
								<b>0.36</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>24</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	100.0	95.2	60.9	80.0	Water Supply	0.39	2	1	1	22	
	HHs Covered by SW Collection Services (%)	96.8	96.3	80.2	90.0	Solid Waste Collection	0.33	2	27	1	33	
	HHs with Sewerage Systems (%)	89.4	87.7	51.6	90.0	Drainage Conditions	0.74	1	16	1	8	
	Hospitals per 000 Population	0.41	0.16	0.13	0.15	Access to Health Care	-0.01	2	2	0	47	
									<b>0.08</b>	<b>0</b>	<b>28</b>	<b>0</b>
AMENITY	Cultural Facilities per 000 Population	0.96	0.41	0.53	1.00	Access to Entertainment Facilities	-0.25	1	7	-1	40	
	Water Areas per 000 Population (ha)	1.03	1.25	5.52	10.00	Neighborhood Landscape	0.05	-1	29	1	33	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.13	-2	13	1	17	
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	0.03	-2	42	0	23	
	Average Living Space per Capita (m <sup>2</sup> )	20.5	22.4	75.3	50.0	Housing Conditions	0.49	2	46	1	17	
	Net Population Density (no./ha)	239	206	39	100	Peace and Order Situation	0.01	0	41	0	50	
								<b>0.58</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>16</b>
CAPACITY	Average Annual Income (USD)	4,035	3,295	2,619	5,000	Housing	0.52	1	2	1	11	
	Motor Vehicle Ownership per 000 Population	520	543	450	250	Transportation Convenience	0.94	2	13	1	2	
	Internet Connections per 000 Population	522	342	174	500	Telecommunications	0.43	2	1	1	31	
	Mobile Phone Ownership per 000 Population	478	477	352	500	Telecommunications	0.43	1	8	1	31	

**Overall Assessment**

**Objective Assessment Score: 0.79 (4/56)**  
**Subjective Assessment Score: 0.41 (17/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment Living conditions in Hai Chau I commune are currently good, and its objective score for capacity is especially high.

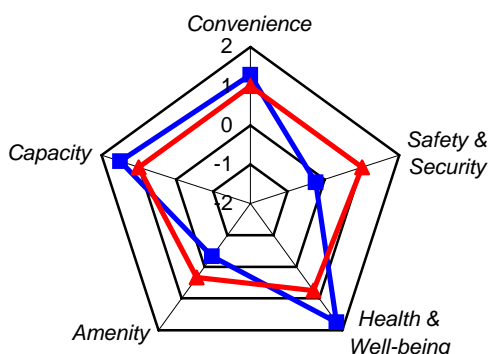
**Convenience** Indicators show that living in Hai Chau I commune has a high level of convenience.

**Safety & Security** Safety & security conditions are poor, especially for flood vulnerability and traffic safety.

**Health & Well-being** Though the current conditions are good, the people feel that access to health care can still be improved.

**Amenity** Amenities are bad, as the commune lacks parks and green spaces. The people also feel that access to entertainment facilities can be improved.

**Capacity** The average annual income is much higher than that of the district average, and more than 1.5 times that of Danang City.



— Objective Assessment Score — Subjective Assessment Score



# Commune: Hai Chau II

## District: Hai Chau

### Profile

Hai Chau II commune has a high net population density, at nearly 500 persons / ha. It is located in the city's central business district, thereby attracting considerable daytime population. From 2000 to 2007, however, the total population decreased. Majority of the employment is in the tertiary sector. Con Market, the central market in the city, is located here.

### FACT SHEET

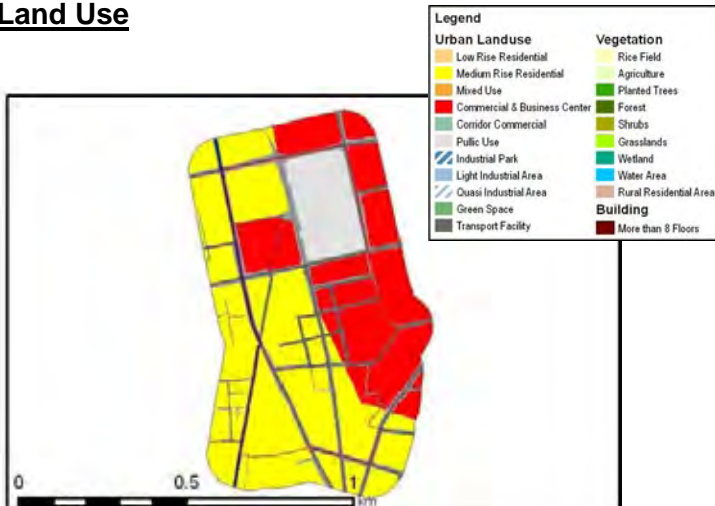
Main Indicators		Value
Population	Population (2000)	15,354
	Population (2007)	14,114
	Average Population Growth Rate (00-07)	-1.20
	Gross Population Density Ratio (no./ha)	398
	Net Population Density Ratio (no. /ha)	474
Land	Total Area (ha)	35.42
	Net Area (ha) <sup>1</sup>	29.78
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	0 : 23 : 77
	Employment-Residence Ratio (%) <sup>2</sup>	1.66
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.37
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	4,389
	Poor Households (%)	9.3
	Households with Own Houses (%)	98.8
	Households with Cars/1-2 Motorcycles (%)	94.2
Transportation	Average Travel Time (excluding walking) (min.)	13.8
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	0.00
	Parks and Open Spaces (ha)	4.55
Connectivity	Households with Mobile Phones (%)	79.1
	Households with Internet Connection (%)	38.4
Health	Hospitals (no.)	0
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	3
	Teachers (no.)	145

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

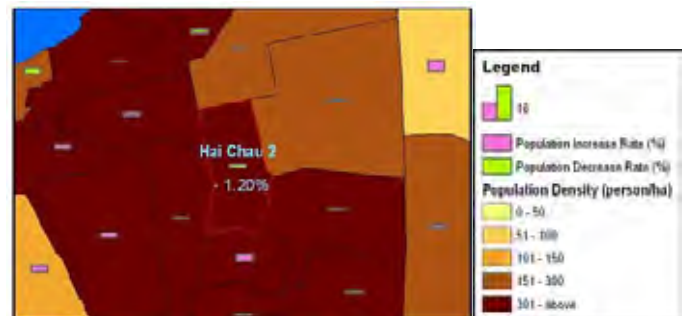
### Land Use



### Location



### Population



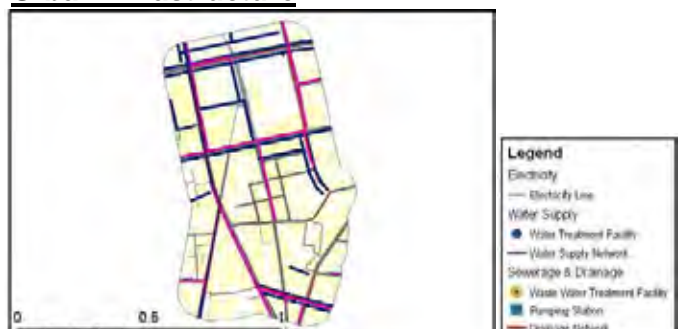
### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hai Chau II Commune	ASSESSMENT			
		Hai Chau II Commune	Hai Chau District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							<b>0.66</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>9</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.45	2	1	1	23
	Road Area Ratio (% per net area)	15.9	19.8	12.8	15.0	Traffic Situation	0.84	2	24	1	8
	To-work Travel Time (min.)	14.7	14.9	16.7	15.0	To-work Travel Time	0.70	2	18	1	16
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	1.00	-2	7	1	1
	Motor Vehicle Ownership per 000 Population	486	543	450	250	Transportation Convenience	0.86	2	17	1	7
	# of TV Sets per 000 Population	437	407	323	300	Telecommunications	0.38	2	4	1	39
	# of Telephones per 000 Population	211	227	200	300	Telecommunications	0.38	1	28	1	39
							<b>0.29</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>34</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.31	2	27	1	44
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.45	2	1	1	20
	HHs with Permanent Housing (%)	98.8	98.9	98.4	100.0	Housing	0.24	1	31	1	43
	Traffic Injuries per 100,000 Population	1,526	1,306	1,480	700	Traffic Safety	0.14	-2	33	1	19
							<b>0.41</b>	<b>1</b>	<b>21</b>	<b>1</b>	<b>19</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	95.3	95.2	60.9	80.0	Water Supply	0.51	1	10	1	9
	HHs Covered by SW Collection Services (%)	95.4	96.3	80.2	90.0	Solid Waste Collection	0.46	2	34	1	22
	HHs with Sewerage Systems (%)	91.9	87.7	51.6	90.0	Drainage Conditions	0.59	1	8	1	19
	Hospitals per 000 Population	0.00	0.16	0.13	0.15	Access to Health Care	0.08	-2	56	1	39
							<b>0.07</b>	<b>-1</b>	<b>54</b>	<b>0</b>	<b>30</b>
AMENITY	Cultural Facilities per 000 Population	0.14	0.41	0.53	1.00	Access to Entertainment Facilities	-0.17	-2	50	-1	33
	Water Areas per 000 Population (ha)	0.00	1.25	5.52	10.00	Neighborhood Landscape	0.20	-2	52	1	13
	Parks / Open Spaces per 000 Population (ha)	0.32	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.12	-2	4	-1	31
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	0.02	-2	42	0	26
	Average Living Space per Capita (m <sup>2</sup> )	19.5	22.4	75.3	50.0	Housing Conditions	0.34	2	51	1	37
	Net Population Density (no./ha)	474	206	39	100	Peace and Order Situation	0.14	-1	53	1	38
							<b>0.47</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>38</b>
CAPACITY	Average Annual Income (USD)	2,926	3,295	2,619	5,000	Housing	0.24	0	23	1	43
	Motor Vehicle Ownership per 000 Population	486	543	450	250	Transportation Convenience	0.86	2	17	1	7
	Internet Connections per 000 Population	384	342	174	500	Telecommunications	0.38	2	5	1	39
	Mobile Phone Ownership per 000 Population	468	477	352	500	Telecommunications	0.38	1	10	1	39

**Overall Assessment**

**Objective Assessment Score: 0.52 (16/56)**  
**Subjective Assessment Score: 0.38 (26/56)**

rank /  
commune

**Summary Diagnosis**

**Overall Assessment** Hai Chau II commune has good living conditions. However, its objective scores for amenity and health & WELL-BEING are low.

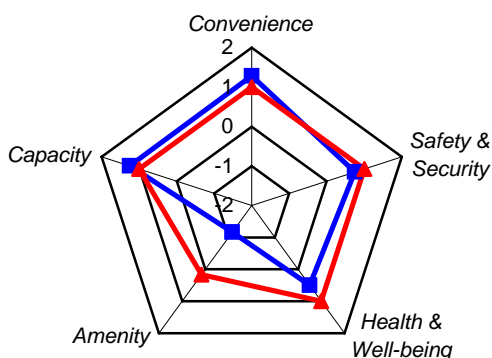
**Convenience** Even though it is located in the central part of the city, the people seem to be very satisfied with the traffic situation in their commune. The people rarely commute by public transportation.

**Safety & Security** Hai Chau II commune is resilient to flood disasters, but vulnerable to traffic accidents.

**Health & Well-being** Sanitary conditions and access to health care are the issues which need to be addressed.

**Amenity** As the commune lacks water and green areas, as well as parks/open spaces, the amenity level is low. It is also densely populated, especially in the daytime.

**Capacity** Objective indicators show that Hai Chau II commune has a high level of capacity, which is, however, disproportionate to the people's perception.



— Objective Assessment Score — Subjective Assessment Score



# Commune: Hoa Cuong Bac

District: Hai Chau

## Profile

Hoa Cuong Bac commune was established in 2005 when, as a result of administrative reform, one commune was split into two, namely Hoa Cuong Nam and Hoa Cuong Bac. This commune is located on the west bank of the Han River. Employment is mainly in the tertiary sector, while 5% is accounted for by the primary sector. Much of the land is used for both residential and commercial purposes. Residents have good access to parks, such as the Water Park and North Monument Park.

## FACT SHEET

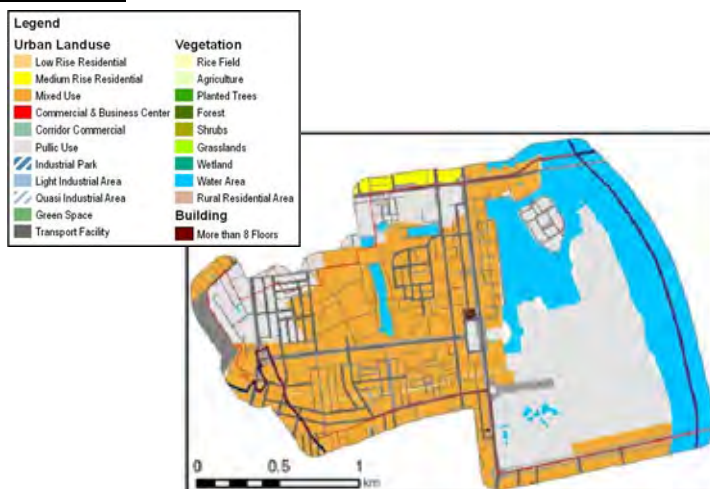
Main Indicators		Value
Population	Population (2000)	27,119
	Population (2007)	20,148
	Average Population Growth Rate (00-07)	2.36
	Gross Population Density Ratio (no./ha)	58
	Net Population Density Ratio (no./ha)	82
Land	Total Area (ha)	349.67
	Net Area (ha) <sup>1</sup>	246.95
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	5 : 17 : 79
	Employment-Residence Ratio (%) <sup>2</sup>	0.79
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.92
Household Information	Average Household Size	3.6
	Average Monthly Household Income (000VND)	5,404
	Poor Households (%)	0.8
	Households with Own Houses (%)	97.6
	Households with Cars/1-2 Motorcycles (%)	92.0
Transportation	Average Travel Time (excluding walking) (min.)	14.9
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	54.10
	Parks and Open Spaces (ha)	125.44
Connectivity	Households with Mobile Phones (%)	78.6
	Households with Internet Connection (%)	34.1
Health	Hospitals (no.)	3
	Hospital Beds (no.)	100
	Doctors (no.)	28
Education	Schools (no.)	7
	Teachers (no.)	153

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

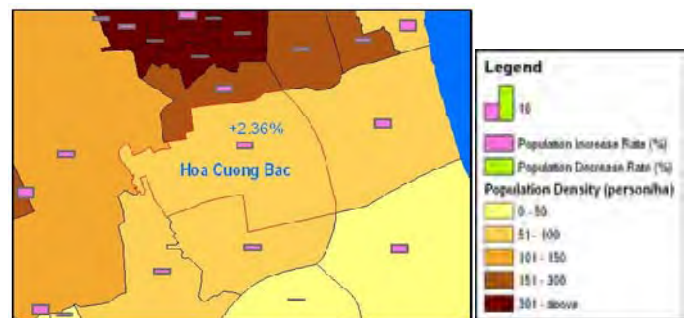
## Land Use



## Location



## Population



## Public Facilities



## Transportation



## Urban Infrastructure





Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Cuong Bac Commune	ASSESSMENT			
		Hoa Cuong Bac Commune	Hai Chau District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							<b>0.61</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>19</b>
	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.46	2	1	1	22
	Road Area Ratio (% per net area)	23.1	19.8	12.8	15.0	Traffic Situation	0.81	2	6	1	13
	To-work Travel Time (min.)	15.9	14.9	16.7	15.0	To-work Travel Time	0.71	2	28	1	14
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	628	543	450	250	Transportation Convenience	0.79	2	1	1	18
	# of TV Sets per 000 Population	409	407	323	300	Telecommunications	0.45	2	6	1	30
# of Telephones per 000 Population	240	227	200	300	Telecommunications	0.45	1	4	1	30	
							<b>0.36</b>	<b>0</b>	<b>43</b>	<b>1</b>	<b>25</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.45	2	15	1	36
	Flood Vulnerability (% of area)	54.4	38.7	25.7	10.0	Flooding	0.42	-2	44	1	24
	HHs with Permanent Housing (%)	99.2	98.9	98.4	100.0	Housing	0.51	1	28	1	13
	Traffic Injuries per 100,000 Population	2,310	1,306	1,480	700	Traffic Safety	0.07	-2	44	1	32
							<b>0.41</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>18</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	89.7	95.2	60.9	80.0	Water Supply	0.46	0	19	1	13
	HHs Covered by SW Collection Services (%)	97.7	96.3	80.2	90.0	Solid Waste Collection	0.40	2	24	1	27
	HHs with Sewerage Systems (%)	92.9	87.7	51.6	90.0	Drainage Conditions	0.57	1	7	1	20
	Hospitals per 000 Population	0.15	0.16	0.13	0.15	Access to Health Care	0.22	1	17	1	25
							<b>0.29</b>	<b>1</b>	<b>16</b>	<b>1</b>	<b>6</b>
AMENITY	Cultural Facilities per 000 Population	0.60	0.41	0.53	1.00	Access to Entertainment Facilities	0.15	0	17	1	14
	Water Areas per 000 Population (ha)	2.69	1.25	5.52	10.00	Neighborhood Landscape	0.18	-1	21	1	15
	Parks / Open Spaces per 000 Population (ha)	6.23	0.52	0.46	3.00	Access to Parks and Green Spaces	0.24	2	2	1	9
	Green Areas per 000 Population (ha)	0.03	0.01	298.66	300.00	Greenery	0.26	-2	37	1	6
	Average Living Space per Capita (m <sup>2</sup> )	30.4	22.4	75.3	50.0	Housing Conditions	0.50	2	32	1	12
	Net Population Density (no./ha)	82	206	39	100	Peace and Order Situation	0.38	2	29	1	20
							<b>0.55</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>21</b>
CAPACITY	Average Annual Income (USD)	3,603	3,295	2,619	5,000	Housing	0.51	1	5	1	13
	Motor Vehicle Ownership per 000 Population	628	543	450	250	Transportation Convenience	0.79	2	1	1	18
	Internet Connections per 000 Population	341	342	174	500	Telecommunications	0.45	2	10	1	30
	Mobile Phone Ownership per 000 Population	503	477	352	500	Telecommunications	0.45	2	4	1	30

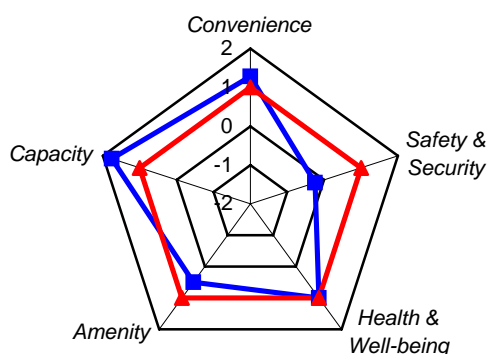
**Overall Assessment**

**Objective Assessment Score: 0.86 (2/56)**  
**Subjective Assessment Score: 0.44 (9/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: Not only is the current living situation good, the people's perception of it is also high.



— Objective Assessment Score — Subjective Assessment Score

- Convenience:** Living in Hoa Cuong Bac commune is convenient from most perspectives except for public transportation.
- Safety & Security:** The number of traffic injuries in the commune is exceptional, and more than half of the commune's area is vulnerable to floods.
- Health & Well-being:** Though the situation is not so bad, the commune can improve its access to health care facilities.
- Amenity:** The population density is half the district average, which translates to sufficient living space.
- Capacity:** The capacity of the commune is quite high, though the scores of some items are below the district average.

# Commune: Nam Duong

District: Hai Chau

## Profile

Nam Duong commune has a high net population density at 563 persons / ha. It attracts considerable daytime population, especially students. From 2002 to 2007, population grew at an annual rate of 2.7%. The commune is rather small, with a total area of only 24ha. Worship facilities are concentrated here: the commune has 4 pagodas and 1 church.

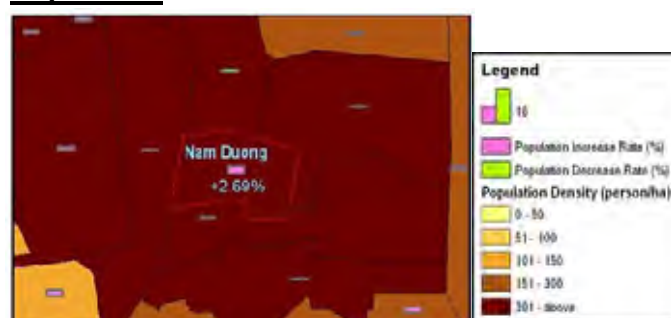
## Location



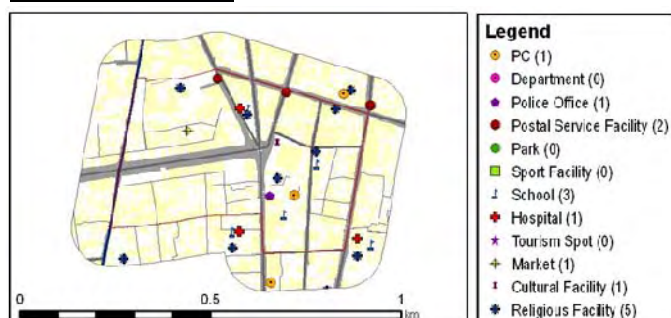
## FACT SHEET

Main Indicators		Value
Population	Population (2000)	9,344
	Population (2007)	11,250
	Average Population Growth Rate (00-07)	2.69
	Gross Population Density Ratio (no./ha)	470
	Net Population Density Ratio (no. /ha)	563
Land	Total Area (ha)	23.93
	Net Area (ha) <sup>1</sup>	20.00
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 19 : 80
	Employment-Residence Ratio (%) <sup>2</sup>	1.22
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.73
Household Information	Average Household Size	4.2
	Average Monthly Household Income (000VND)	4,405
	Poor Households (%)	5.7
	Households with Own Houses (%)	97.1
	Households with Cars/1-2 Motorcycles (%)	95.7
Transportation	Average Travel Time (excluding walking) (min.)	14.2
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	0.00
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	77.2
	Households with Internet Connection (%)	18.6
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	3
	Teachers (no.)	50

## Population



## Public Facilities



## Transportation

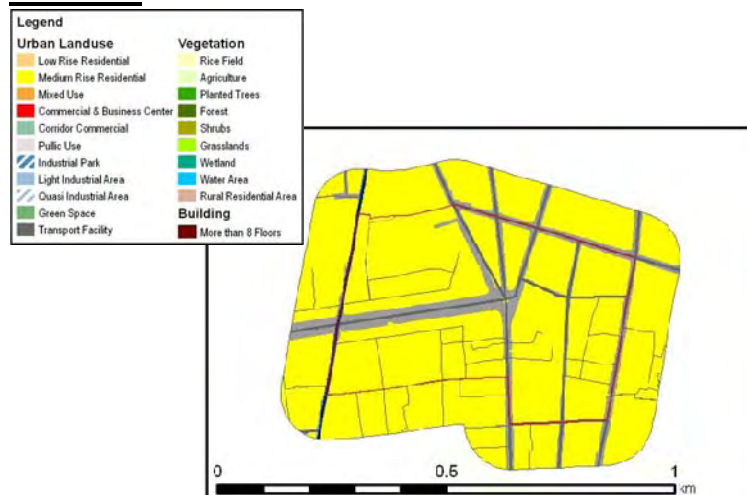


<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

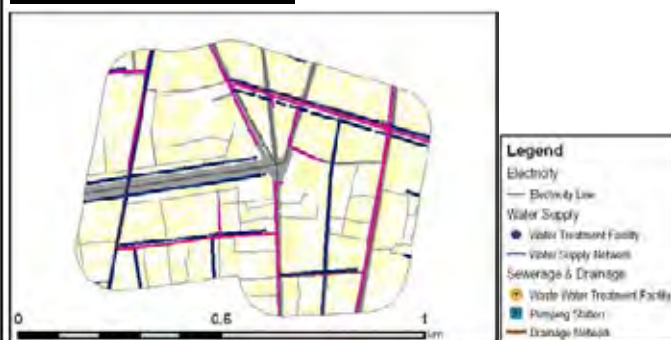
<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

## Land Use



## Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Nam Duong Commune	ASSESSMENT			
		Nam Duong Commune	Hai Chau District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							<b>0.67</b>	<b>1</b>	<b>20</b>	<b>1</b>	<b>6</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.50	2	1	1	16
	Road Area Ratio (% per net area)	16.7	19.8	12.8	15.0	Traffic Situation	0.85	2	18	1	7
	To-work Travel Time (min.)	13.9	14.9	16.7	15.0	To-work Travel Time	0.87	2	9	1	3
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.51	-2	7	1	11
	Motor Vehicle Ownership per 000 Population	478	543	450	250	Transportation Convenience	0.88	2	20	1	4
	# of TV Sets per 000 Population	341	407	323	300	Telecommunications	0.55	2	21	1	18
	# of Telephones per 000 Population	183	227	200	300	Telecommunications	0.55	0	40	1	18
							<b>0.42</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>16</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.50	2	28	1	27
	Flood Vulnerability (% of area)	47.4	38.7	25.7	10.0	Flooding	0.63	-2	43	1	11
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.40	2	1	1	26
	Traffic Injuries per 100,000 Population	2,750	1,306	1,480	700	Traffic Safety	0.13	-2	47	1	20
							<b>0.49</b>	<b>1</b>	<b>21</b>	<b>1</b>	<b>10</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	95.7	95.2	60.9	80.0	Water Supply	0.45	1	8	1	15
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.56	2	1	1	16
	HHs with Sewerage Systems (%)	62.8	87.7	51.6	90.0	Drainage Conditions	0.71	-1	28	1	10
	Hospitals per 000 Population	0.08	0.16	0.13	0.15	Access to Health Care	0.23	0	34	1	24
								<b>0.22</b>	<b>-1</b>	<b>47</b>	<b>1</b>
AMENITY	Cultural Facilities per 000 Population	0.51	0.41	0.53	1.00	Access to Entertainment Facilities	0.07	0	20	1	20
	Water Areas per 000 Population (ha)	0.00	1.25	5.52	10.00	Neighborhood Landscape	0.19	-2	52	1	14
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.16	-2	13	1	15
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	0.14	-2	42	1	10
	Average Living Space per Capita (m <sup>2</sup> )	17.4	22.4	75.3	50.0	Housing Conditions	0.27	2	54	1	41
	Net Population Density (no./ha)	563	206	39	100	Peace and Order Situation	0.46	-2	55	1	14
							<b>0.59</b>	<b>1</b>	<b>25</b>	<b>1</b>	<b>12</b>
CAPACITY	Average Annual Income (USD)	2,937	3,295	2,619	5,000	Housing	0.40	0	20	1	26
	Motor Vehicle Ownership per 000 Population	478	543	450	250	Transportation Convenience	0.88	2	20	1	4
	Internet Connections per 000 Population	186	342	174	500	Telecommunications	0.55	0	21	1	18
	Mobile Phone Ownership per 000 Population	412	477	352	500	Telecommunications	0.39	1	18	1	18

**Overall Assessment**

**Objective Assessment Score: 0.28 (38/56)**

**Subjective Assessment Score: 0.48 (6/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: Though objective scores are quite low in safety & security, health & WELL-BEING, as well as amenity, the people are generally satisfied with their living conditions.

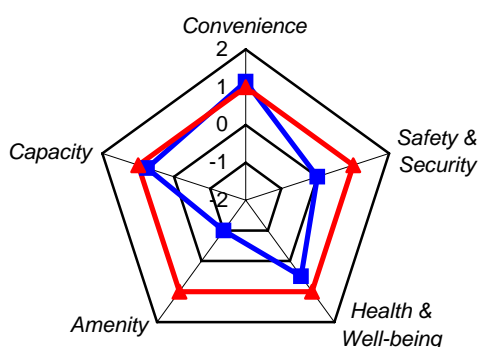
**Convenience**: The people's general assessment of the living convenience in this commune is high; however, they feel that telecommunications services should be improved.

**Safety & Security**: The commune is vulnerable both to floods and traffic accidents. However, the people are not so much concerned about these issues.

**Health & Well-being**: Though located in the city center, the commune lacks an accessible hospital.

**Amenity**: Net population is exceptionally high, and the commune attracts significant daytime population. The average living space is also small, lower than the city average.

**Capacity**: The people in Nam Duong commune has a rather high capacity level.



— Objective Assessment Score    — Subjective Assessment Score



# Commune: Phuoc Ninh

## District: Hai Chau

### Profile

Phuoc Ninh commune is located on the west bank of the Han River in the city's central business district. The district People's Committee office is located here. The commune attracts considerable labor population in the daytime. Phuoc Ninh is a rather wealthy commune, with a high average household income and low share of poor households.

### FACT SHEET

Main Indicators		Value
Population	Population (2000)	13,108
	Population (2007)	13,365
	Average Population Growth Rate (00-07)	0.28
	Gross Population Density Ratio (no./ha)	246
	Net Population Density Ratio (no./ha)	438
Land	Total Area (ha)	54.29
	Net Area (ha) <sup>1</sup>	30.54
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 22 : 77
	Employment-Residence Ratio (%) <sup>2</sup>	1.49
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.76
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	5,864
	Poor Households (%)	1.2
	Households with Own Houses (%)	98.8
	Households with Cars/1-2 Motorcycles (%)	96.4
Transportation	Average Travel Time (excluding walking) (min.)	13.8
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	14.99
	Parks and Open Spaces (ha)	0.11
Connectivity	Households with Mobile Phones (%)	87.9
	Households with Internet Connection (%)	26.5
Health	Hospitals (no.)	2
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	5
	Students (no.)	2,164
	Teachers (no.)	85

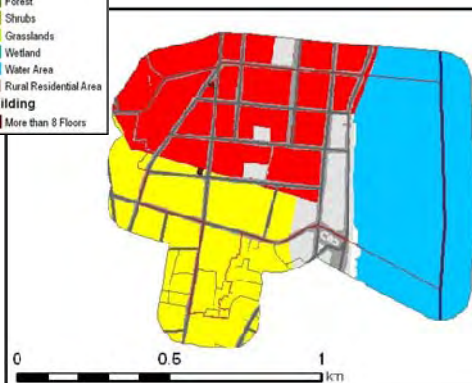
<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

### Land Use

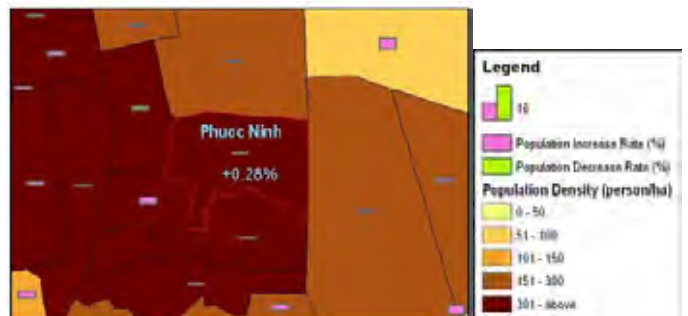
Legend	
<b>Urban Landuse</b>	<b>Vegetation</b>
Low Rise Residential	Rice Field
Medium Rise Residential	Agriculture
Mixed Use	Planted Trees
Commercial & Business Center	Forest
Corridor Commercial	Shrubs
Public Use	Grasslands
Industrial Park	Wetland
Light Industrial Area	Water Area
Quasi Industrial Area	Rural Residential Area
Green Space	<b>Building</b>
Transport Facility	More than 8 Floors



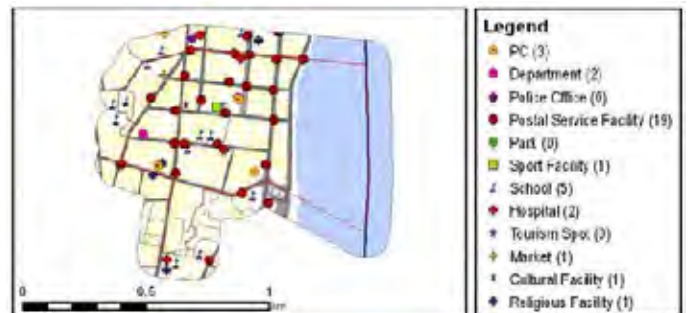
### Location



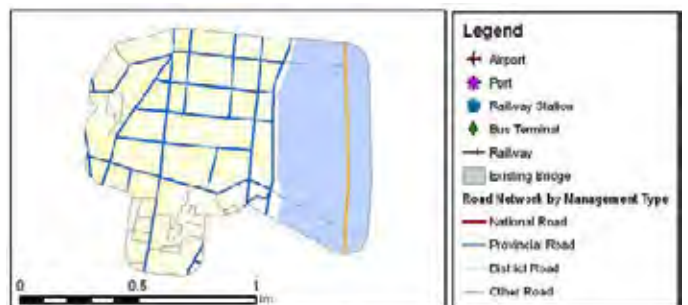
### Population



### Public Facilities



### Transportation



### Urban Infrastructure





# Commune: Thanh Binh

## District: Hai Chau

### Profile

Thanh Binh commune faces Danang Bay. From 2000 to 2007, the population in this commune decreased at an annual rate of nearly -1.5%. Most employment is in the tertiary sector. Daytime population outflow is larger than the inflow.

### FACT SHEET

Main Indicators		Value
Population	Population (2000)	21,695
	Population (2007)	19,545
	Average Population Growth Rate (00-07)	-1.48
	Gross Population Density Ratio (no./ha)	260
	Net Population Density Ratio (no./ha)	301
Land	Total Area (ha)	75.07
	Net Area (ha) <sup>1</sup>	65.02
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	0 : 17 : 83
	Employment-Residence Ratio (%) <sup>2</sup>	0.73
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.47
Household Information	Average Household Size	3.8
	Average Monthly Household Income (000VND)	4,705
	Poor Households (%)	3.3
	Households with Own Houses (%)	97.6
	Households with Cars/1-2 Motorcycles (%)	95.1
Transportation	Average Travel Time (excluding walking) (min.)	13.9
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	0.54
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	82.1
	Households with Internet Connection (%)	39.8
Health	Hospitals (no.)	2
	Hospital Beds (no.)	150
	Doctors (no.)	40
Education	Schools (no.)	8
	Teachers (no.)	106

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

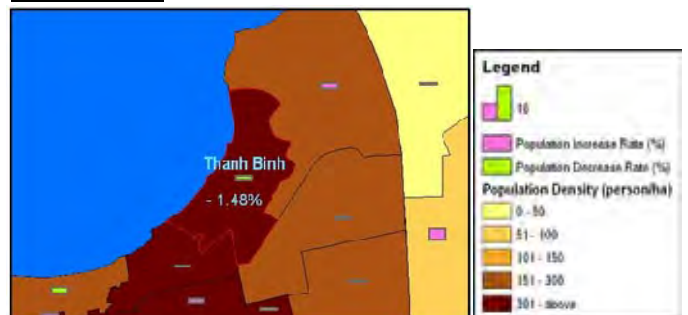
### Land Use



### Location



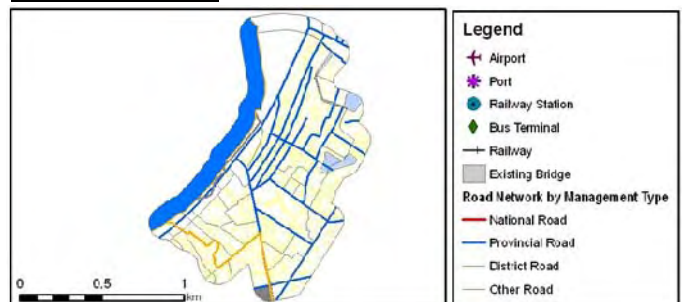
### Population



### Public Facilities



### Transportation



### Urban Infrastructure







# Commune: Thuan Phuoc

## District: Hai Chau

### Profile

In 2009, a new bridge was constructed in Thuan Phuoc commune. It is a cable-stayed bridge crossing the lower Han River, connecting freight traffic between Hai Van Pass and Tien Sa Port. The commune has a few large markets, including the Thuan Phoc Fishing Port Market and Dong Da Market.

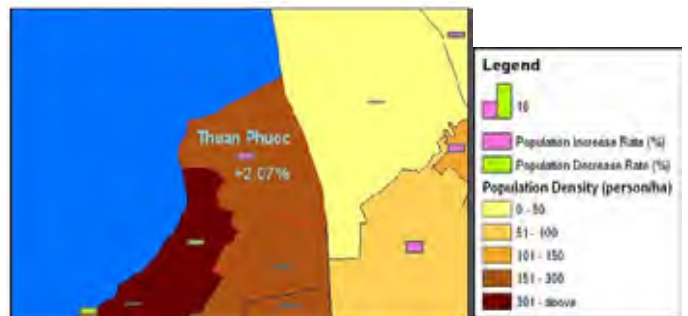
### Location



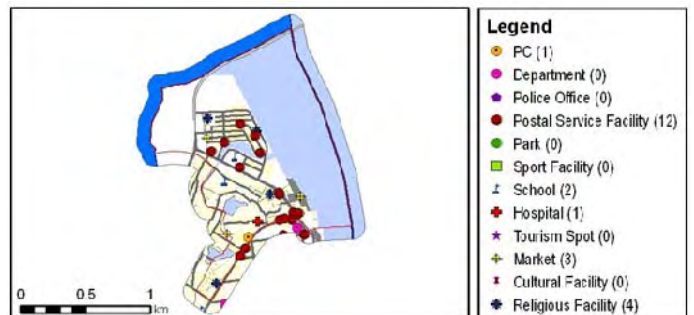
### FACT SHEET

Main Indicators		Value
Population	Population (2000)	13,730
	Population (2007)	15,850
	Average Population Growth Rate (00-07)	2.07
	Gross Population Density Ratio (no./ha)	143
	Net Population Density Ratio (no. /ha)	247
Land	Total Area (ha)	110.59
	Net Area (ha) <sup>1</sup>	64.11
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	6 : 22 : 72
	Employment-Residence Ratio (%) <sup>2</sup>	0.81
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.11
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	4,405
	Poor Households (%)	3.6
	Households with Own Houses (%)	97.3
	Households with Cars/1-2 Motorcycles (%)	93.7
Transportation	Average Travel Time (excluding walking) (min.)	13.2
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	34.88
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	78.6
	Households with Internet Connection (%)	36.6
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	2
	Students (no.)	1,282
	Teachers (no.)	74

### Population



### Public Facilities



### Transportation

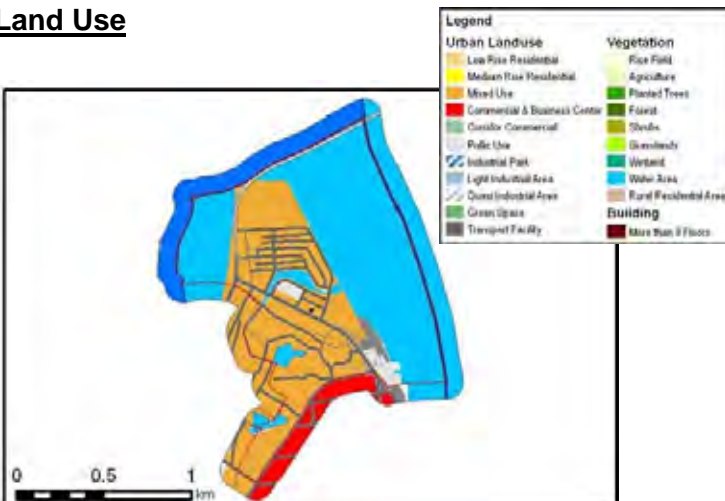


<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

### Land Use



### Urban Infrastructure







# Commune: Thach Thang

## District: Hai Chau

### Profile

Thach Thang commune is one of the communes located in the city center. It faces Han River and has a port. Land is mostly of mixed residential and commercial use. The people have good access to health care, since the Danang C Hospital, one of the main hospitals in Danang City and managed by the Ministry of Health, is located in this commune.

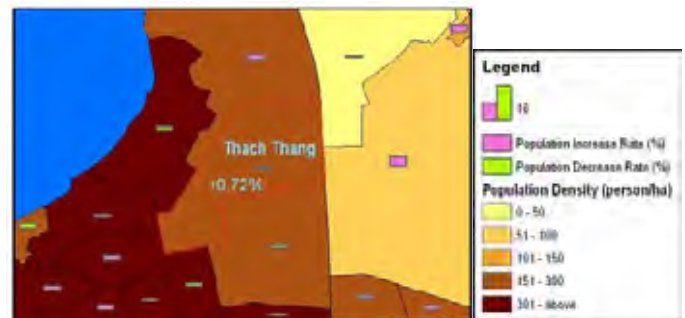
### Location



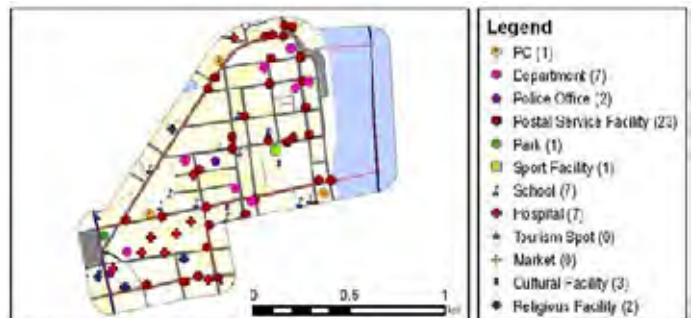
### FACT SHEET

Main Indicators		Value
Population	Population (2000)	17,295
	Population (2007)	18,180
	Average Population Growth Rate (00-07)	0.72
	Gross Population Density Ratio (no./ha)	178
	Net Population Density Ratio (no./ha)	266
Land	Total Area (ha)	101.89
	Net Area (ha) <sup>1</sup>	68.46
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	3 : 20 : 77
	Employment-Residence Ratio (%) <sup>2</sup>	1.96
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.26
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	5,064
	Poor Households (%)	2.6
	Households with Own Houses (%)	98.2
	Households with Cars/1-2 Motorcycles (%)	90.3
Transportation	Average Travel Time (excluding walking) (min.)	14.7
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	16.02
	Parks and Open Spaces (ha)	0.39
Connectivity	Households with Mobile Phones (%)	83.4
	Households with Internet Connection (%)	46.4
Health	Hospitals (no.)	7
	Hospital Beds (no.)	1,610
	Doctors (no.)	282
Education	Schools (no.)	7
	Teachers (no.)	3,733
	Teachers (no.)	164

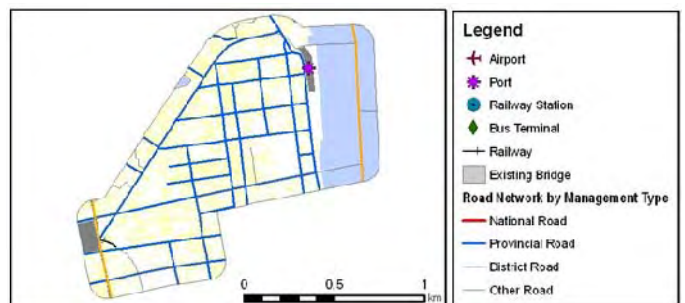
### Population



### Public Facilities



### Transportation



<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

### Land Use



### Urban Infrastructure







# Commune: Hoa Thuan Dong

## District: Hai Chau

### Profile

Hoa Thuan Dong commune was established in 2005 when, as a result of administrative reform, one commune was split into two, namely Hoa Thuan Dong and Hoa Thuan Tay. Hoa Thuan Dong is located on the west bank of the Han River. Land use is mainly residential and some commercial. The share of poor households is relatively high. There are several worship facilities, i.e., 4 pagodas and 1 church.

### Location



### FACT SHEET

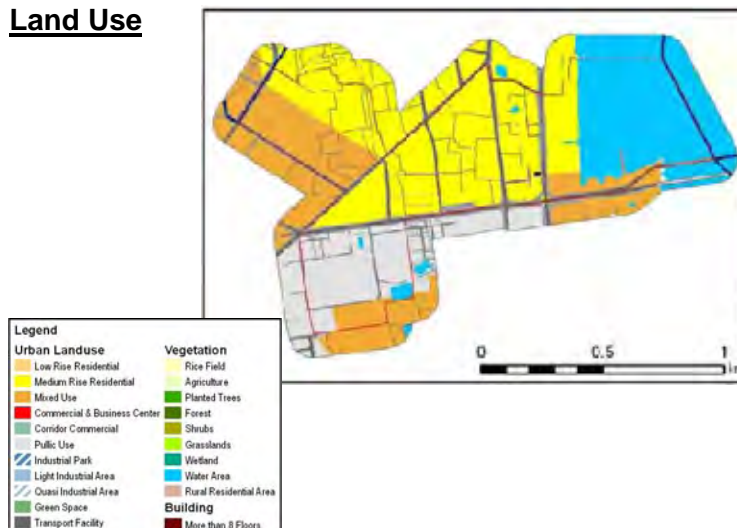
Main Indicators		Value
Population	Population (2000)	17,295
	Population (2007)	18,180
	Average Population Growth Rate (00-07)	0.72
	Gross Population Density Ratio (no./ha)	178
	Net Population Density Ratio (no./ha)	266
Land	Total Area (ha)	101.89
	Net Area (ha) <sup>1</sup>	68.46
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	3 : 20 : 77
	Employment-Residence Ratio (%) <sup>2</sup>	1.96
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.26
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	5,064
	Poor Households (%)	2.6
	Households with Own Houses (%)	98.2
	Households with Cars/1-2 Motorcycles (%)	90.3
Transportation	Average Travel Time (excluding walking) (min.)	14.7
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	16.02
	Parks and Open Spaces (ha)	0.39
Connectivity	Households with Mobile Phones (%)	83.4
	Households with Internet Connection (%)	46.4
Health	Hospitals (no.)	7
	Hospital Beds (no.)	1,610
	Doctors (no.)	282
Education	Schools (no.)	7
	Students (no.)	3,733
	Teachers (no.)	164

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

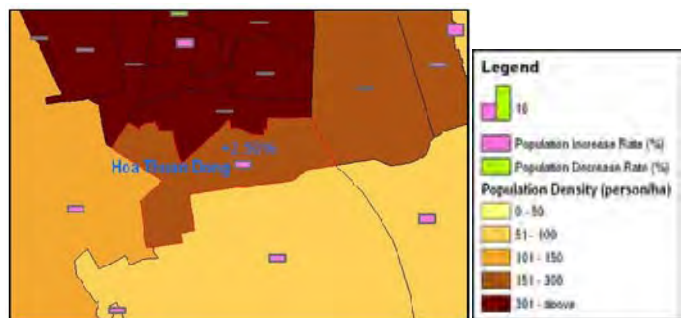
<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

### Land Use



### Population



### Public Facilities



### Transportation



### Urban Infrastructure







# Commune: An Khe

## District: Thanh Khe

### Profile

An Khe commune was established in 2005 when, as a result of administrative reform, one commune was split into two, namely An Khe and Hoa Khe. The average population growth rate is very high, at an annual growth of 3.9%. The average household size is slightly larger than the city average. About 53% of the area is occupied by the Danang International Airport.

### Location



### FACT SHEET

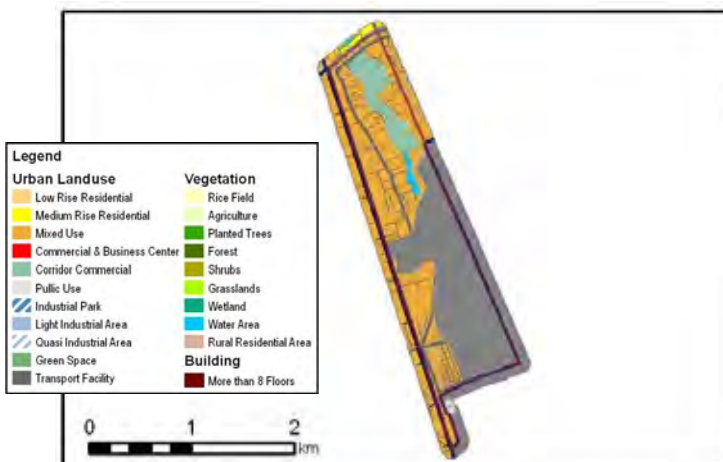
Main Indicators		Value
Population	Population (2000)	24,189
	Population (2007)	18,351
	Average Population Growth Rate (00-07)	3.87
	Gross Population Density Ratio (no./ha)	87
	Net Population Density Ratio (no./ha)	216
Land	Total Area (ha)	211.24
	Net Area (ha) <sup>1</sup>	84.77
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 22 : 77
	Employment-Residence Ratio (%) <sup>2</sup>	0.71
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.42
Household Information	Average Household Size	4.2
	Average Monthly Household Income (000VND)	4,913
	Poor Households (%)	6.4
	Households with Own Houses (%)	100.0
	Households with Cars/1-2 Motorcycles (%)	94.5
Transportation	Average Travel Time (excluding walking) (min.)	14.1
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	0.10
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	88.1
	Households with Internet Connection (%)	36.7
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	5
	Students (no.)	3,102
	Teachers (no.)	139

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

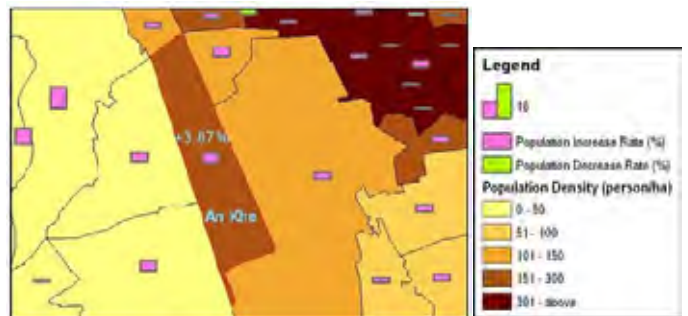
<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

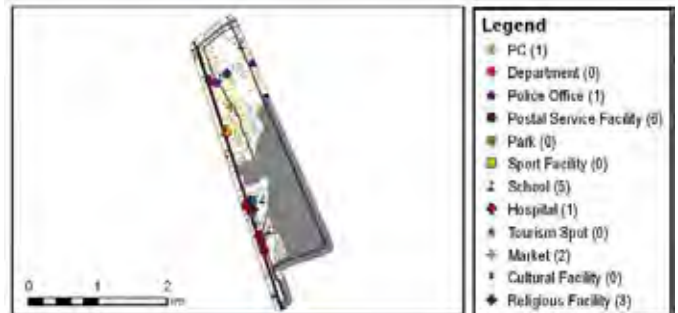
### Land Use



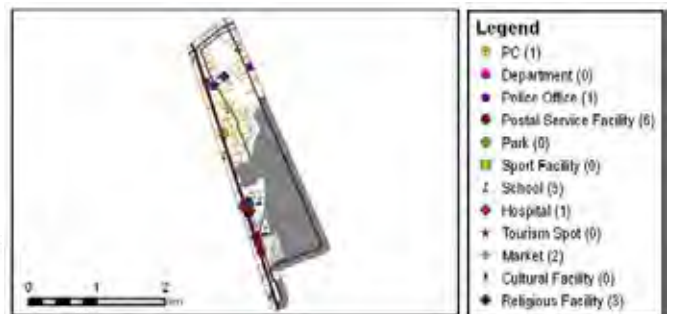
### Population



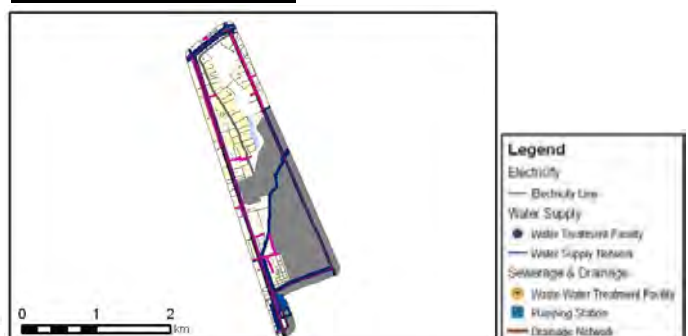
### Public Facilities



### Transportation



### Urban Infrastructure







# Commune: Cinh Gian

## District: Thanh Khe

### Profile

The net population density in Chinh Gian commune is high, with 327 persons / ha. Land use is predominantly residential and partly commercial. Bai Tho Supermarket, otherwise known as Danang Supermarket, was the first megamarket to open in Danang before Big C and Metro.

### FACT SHEET

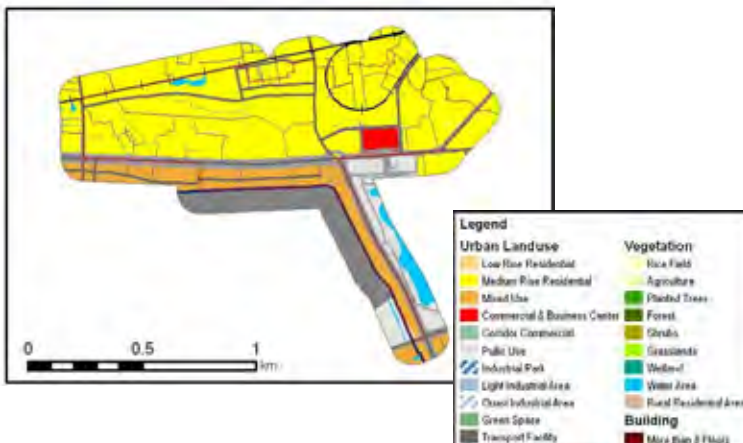
Main Indicators		Value
Population	Population (2000)	18,653
	Population (2007)	20,325
	Average Population Growth Rate (00-07)	1.23
	Gross Population Density Ratio (no./ha)	273
	Net Population Density Ratio (no. /ha)	327
Land	Total Area (ha)	74.47
	Net Area (ha) <sup>1</sup>	62.23
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 22 : 77
	Employment-Residence Ratio (%) <sup>2</sup>	0.92
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.41
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	4,430
	Poor Households (%)	8.7
	Households with Own Houses (%)	98.3
	Households with Cars/1-2 Motorcycles (%)	92.1
Transportation	Average Travel Time (excluding walking) (min.)	14.7
	Public Transportation Usage (all trips) (%)	0.3
Landscape Areas	Water Surface (ha)	0.36
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	77.0
	Households with Internet Connection (%)	15.1
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	3
	Teachers (no.)	85

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

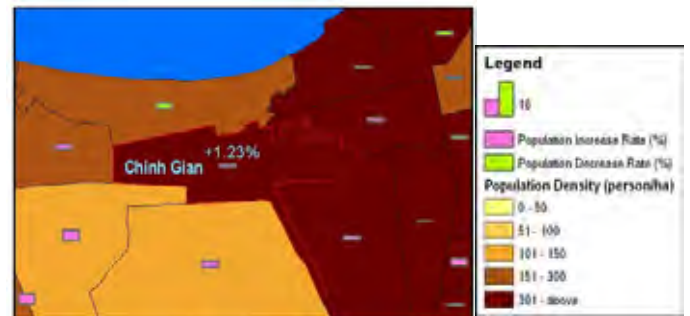
### Land Use



### Location



### Population



### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Chinh Gian Commune	ASSESSMENT			
		Chinh Gian Commune	Thanh Khe District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE						<b>0.76</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	
	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.47	2	1	1	18
	Road Area Ratio (% per net area)	15.9	19.8	12.8	15.0	Traffic Situation	0.88	2	23	1	4
	To-work Travel Time (min.)	16.3	14.9	16.7	15.0	To-work Travel Time	0.98	2	32	1	1
	To-work Trips by Public Transportation (%)	0.80	0.00	0.07	35.00	Public Transportation Convenience	1.00	-2	2	1	1
	Motor Vehicle Ownership per 000 Population	451	543	450	250	Transportation Convenience	0.98	2	29	1	1
	# of TV Sets per 000 Population	314	407	323	300	Telecommunications	0.50	2	30	1	24
	# of Telephones per 000 Population	217	227	200	300	Telecommunications	0.50	1	23	1	24
SAFETY & SECURITY						<b>0.29</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>33</b>	
	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.29	2	25	1	46
	Flood Vulnerability (% of area)	16.0	38.7	25.7	10.0	Flooding	0.56	-2	28	1	13
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.48	2	1	1	16
	Traffic Injuries per 100,000 Population	0	1,306	1,480	700	Traffic Safety	-0.18	2	1	-1	50
HEALTH & WELL-BEING						<b>0.59</b>	<b>1</b>	<b>14</b>	<b>1</b>	<b>6</b>	
	HHs with Piped Water Connection (%)	80.2	95.2	60.9	80.0	Water Supply	0.51	0	27	1	10
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.76	2	1	1	6
	HHs with Sewerage Systems (%)	88.1	87.7	51.6	90.0	Drainage Conditions	0.56	1	19	1	23
	Hospitals per 000 Population	0.05	0.16	0.13	0.15	Access to Health Care	0.54	0	52	1	6
AMENITY						<b>-0.17</b>	<b>-1</b>	<b>47</b>	<b>-1</b>	<b>52</b>	
	Cultural Facilities per 000 Population	0.16	0.41	0.53	1.00	Access to Entertainment Facilities	-0.11	-1	47	-1	32
	Water Areas per 000 Population (ha)	0.02	1.25	5.52	10.00	Neighborhood Landscape	-0.48	-2	47	-1	55
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.10	-2	13	-1	29
	Green Areas per 000 Population (ha)	0.11	0.01	298.66	300.00	Greenery	-0.49	-2	33	-1	55
	Average Living Space per Capita (m <sup>2</sup> )	19.0	22.4	75.3	50.0	Housing Conditions	0.10	2	52	1	48
	Net Population Density (no./ha)	327	206	39	100	Peace and Order Situation	0.04	-1	47	0	48
CAPACITY						<b>0.62</b>	<b>1</b>	<b>25</b>	<b>1</b>	<b>7</b>	
	Average Annual Income (USD)	2,953	3,295	2,619	5,000	Housing	0.48	0	19	1	16
	Motor Vehicle Ownership per 000 Population	451	543	450	250	Transportation Convenience	0.98	2	29	1	1
	Internet Connections per 000 Population	151	342	174	500	Telecommunications	0.50	0	29	1	24
	Mobile Phone Ownership per 000 Population	368	477	352	500	Telecommunications	0.50	1	28	1	24

**Overall Assessment**

**Objective Assessment Score: 0.56 (14/56)**  
**Subjective Assessment Score: 0.42 (15/56)**

rank /  
commune

**Summary Diagnosis**

**Overall Assessment** The people are satisfied with their living conditions, although the objective scores for health & WELL-BEING and amenity are negative.

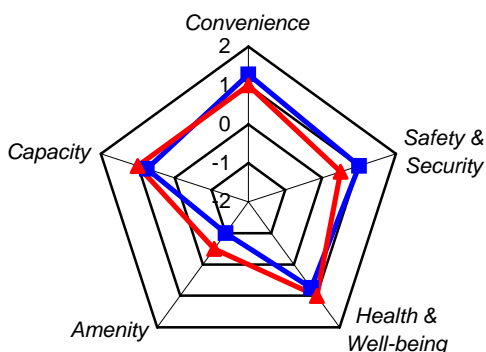
**Convenience** The commune ranks highly in both objective and subjective scores for convenience.

**Safety & Security** Traffic injury is remarkably low in this commune, but it must be noted that the results are based on a sample survey only.

**Health & Well-being** Though the commune lacks accessible hospitals within its area, the people are mostly satisfied with their health & well-being.

**Amenity** The commune ranks low in almost all subjective indicators for amenity, indicating the people's dissatisfaction.

**Capacity** Overall, the people are satisfied with their capacity levels, but expect improvements in telecommunications services.



— Objective Assessment Score — Subjective Assessment Score



# Commune: Tam Thuan

## District: Thanh Khe

### Profile

Tam Thuan commune faces Danang Bay. It has a high net population density at 478 persons / ha. The Danang Railway Station is located in this commune, occupying 21% of the total area. Nearly half of the workers living in the area travel to other communes.

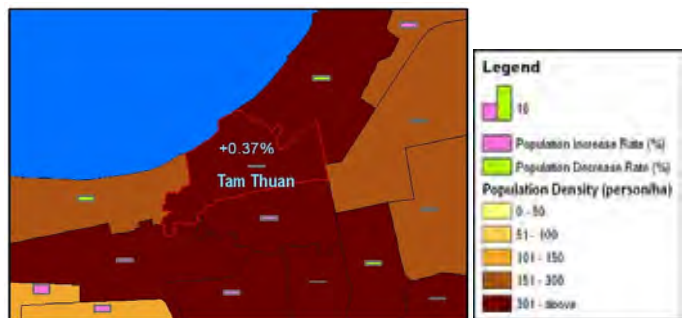
### Location



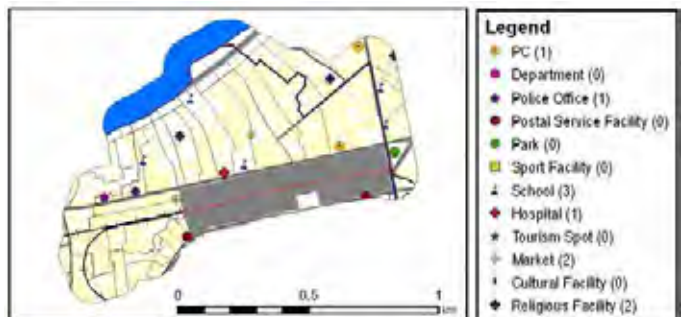
### FACT SHEET

Main Indicators		Value
Population	Population (2000)	18,569
	Population (2007)	19,050
	Average Population Growth Rate (00-07)	0.37
	Gross Population Density Ratio (no./ha)	380
	Net Population Density Ratio (no. /ha)	478
Land	Total Area (ha)	50.12
	Net Area (ha) <sup>1</sup>	39.83
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 19 : 80
	Employment-Residence Ratio (%) <sup>2</sup>	0.58
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.04
Household Information	Average Household Size	4.6
	Average Monthly Household Income (000VND)	3,933
	Poor Households (%)	4.2
	Households with Own Houses (%)	98.3
	Households with Cars/1-2 Motorcycles (%)	90.8
Transportation	Average Travel Time (excluding walking) (min.)	16.5
	Public Transportation Usage (all trips) (%)	0.2
Landscape Areas	Water Surface (ha)	0.00
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	76.4
	Households with Internet Connection (%)	16.0
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	3
	Teachers (no.)	89

### Population



### Public Facilities



### Transportation



<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

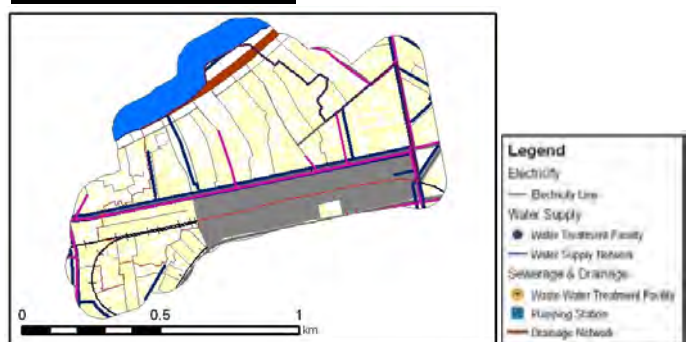
<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

### Land Use



### Urban Infrastructure





Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Tam Thuan Commune	ASSESSMENT			
		Tam Thuan Commune	Thanh Khe District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							<b>0.60</b>	<b>1</b>	<b>34</b>	<b>1</b>	<b>20</b>
	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.54	2	1	1	15
	Road Area Ratio (% per net area)	10.9	19.8	12.8	15.0	Traffic Situation	0.60	1	30	1	38
	To-work Travel Time (min.)	17.9	14.9	16.7	15.0	To-work Travel Time	0.35	2	42	1	45
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.98	-2	7	1	9
	Motor Vehicle Ownership per 000 Population	417	543	450	250	Transportation Convenience	0.49	2	39	1	46
	# of TV Sets per 000 Population	252	407	323	300	Telecommunications	0.61	1	49	1	9
# of Telephones per 000 Population	178	227	200	300	Telecommunications	0.61	0	42	1	9	
							<b>0.36</b>	<b>1</b>	<b>16</b>	<b>1</b>	<b>26</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.52	2	22	1	24
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.73	2	1	1	7
	HHs with Permanent Housing (%)	90.7	98.9	98.4	100.0	Housing	0.41	0	56	1	25
	Traffic Injuries per 100,000 Population	1,509	1,306	1,480	700	Traffic Safety	-0.23	-2	32	-1	51
							<b>0.75</b>	<b>1</b>	<b>14</b>	<b>1</b>	<b>4</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	91.6	95.2	60.9	80.0	Water Supply	0.70	0	16	1	4
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.69	2	1	1	10
	HHs with Sewerage Systems (%)	91.6	87.7	51.6	90.0	Drainage Conditions	0.87	1	9	1	2
	Hospitals per 000 Population	0.05	0.16	0.13	0.15	Access to Health Care	0.74	0	51	1	4
							<b>0.24</b>	<b>-1</b>	<b>55</b>	<b>1</b>	<b>10</b>
AMENITY	Cultural Facilities per 000 Population	0.11	0.41	0.53	1.00	Access to Entertainment Facilities	0.44	-2	54	1	5
	Water Areas per 000 Population (ha)	0.00	1.25	5.52	10.00	Neighborhood Landscape	0.14	-2	52	1	18
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.32	-2	13	1	7
	Green Areas per 000 Population (ha)	0.10	0.01	298.66	300.00	Greenery	0.05	-2	34	1	21
	Average Living Space per Capita (m <sup>2</sup> )	13.7	22.4	75.3	50.0	Housing Conditions	0.28	1	56	1	40
	Net Population Density (no./ha)	478	206	39	100	Peace and Order Situation	0.24	-1	54	1	31
							<b>0.53</b>	<b>1</b>	<b>25</b>	<b>1</b>	<b>24</b>
CAPACITY	Average Annual Income (USD)	2,622	3,295	2,619	5,000	Housing	0.41	0	29	1	25
	Motor Vehicle Ownership per 000 Population	417	543	450	250	Transportation Convenience	0.49	2	39	1	46
	Internet Connections per 000 Population	160	342	174	500	Telecommunications	0.61	0	27	1	9
	Mobile Phone Ownership per 000 Population	351	477	352	500	Telecommunications	0.61	1	32	1	9

**Overall Assessment**

Objective Assessment Score: **0.30 (37/56)**

Subjective Assessment Score: **0.50 (5/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: The people have a balanced and good perception of their living conditions in the commune, despite the low objective scores for amenity.

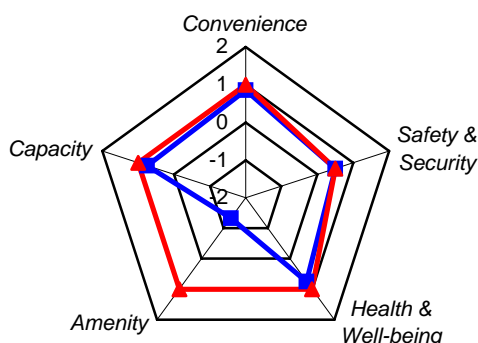
Convenience: This commune has poor transportation conditions, and the people feel inconvenienced by these.

Safety & Security: 1 out of 10 households have no secure housing tenure, and traffic injury rate is quite high.

Health & Well-being: Solid waste collection service is very well provided, along with sewerage services.

Amenity: The situation of amenity is one of the worst in the city, but the people seem satisfied with it.

Capacity: Internet connection rate is even lower than the city average, and average annual income is not high either, though the commune is located in the city center.



Legend: Objective Assessment Score (blue line), Subjective Assessment Score (red line)

# Commune: Thanh Khe Dong

## District: Thanh Khe

### Profile

Thanh Khe Dong commune was established in 2005 when, as a result of administrative reform, one commune was split into two, namely Thanh Khe Dong and Thanh Khe Tay. The land use is predominantly residential. 14% of its population are engaged in the primary sector, mostly as fishermen. This commune is relatively wealthy: the average monthly household income exceeds VND 6,122,000 / month, and most people own their houses. There were no poor households among the survey respondents.

### FACT SHEET

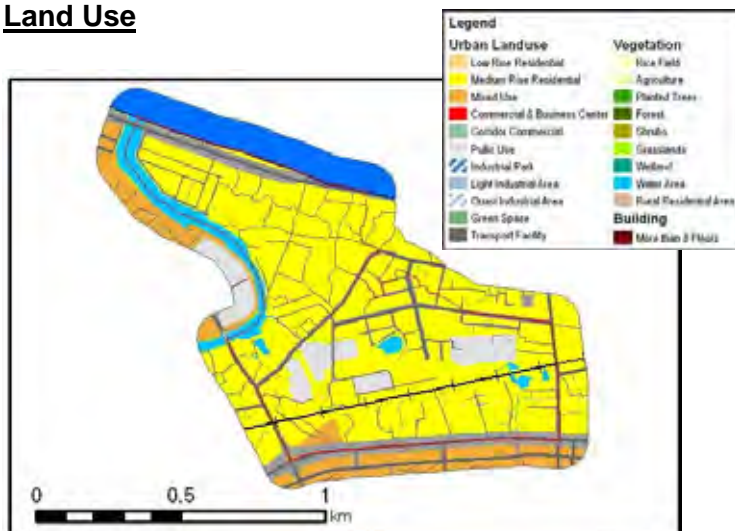
Main Indicators		Value
Population	Population (2000)	21,906
	Population (2007)	11,213
	Average Population Growth Rate (00-07)	1.97
	Gross Population Density Ratio (no./ha)	136
	Net Population Density Ratio (no. /ha)	166
Land	Total Area (ha)	82.41
	Net Area (ha) <sup>1</sup>	67.67
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	14 : 13 : 72
	Employment-Residence Ratio (%) <sup>2</sup>	1.14
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.10
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	6,122
	Poor Households (%)	0.0
	Households with Own Houses (%)	100.0
	Households with Cars/1-2 Motorcycles (%)	95.9
Transportation	Average Travel Time (excluding walking) (min.)	13.3
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	1.86
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	85.1
	Households with Internet Connection (%)	17.6
Health	Hospitals (no.)	2
	Hospital Beds (no.)	130
	Doctors (no.)	36
Education	Schools (no.)	5
	Teachers (no.)	251

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

### Land Use



### Location



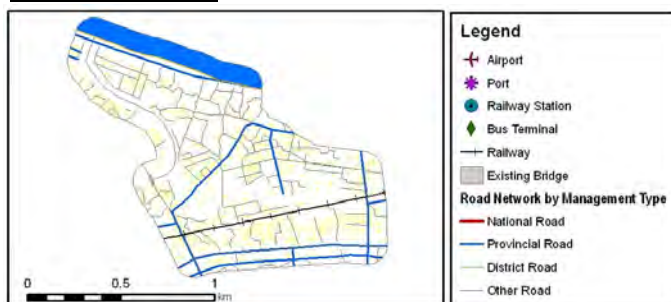
### Population



### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Thanh Khe Dong Commune	ASSESSMENT			
		Thanh Khe Dong Commune	Thanh Khe District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							<b>0.49</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>34</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.57	2	1	1	12
	Road Area Ratio (% per net area)	21.6	19.8	12.8	15.0	Traffic Situation	0.56	2	8	1	41
	To-work Travel Time (min.)	18.9	14.9	16.7	15.0	To-work Travel Time	0.15	2	46	1	53
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	514	543	450	250	Transportation Convenience	0.61	2	15	1	37
	# of TV Sets per 000 Population	363	407	323	300	Telecommunications	0.53	2	17	1	21
	# of Telephones per 000 Population	219	227	200	300	Telecommunications	0.53	1	19	1	21
							<b>0.23</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>41</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.27	2	9	1	47
	Flood Vulnerability (% of area)	61.0	38.7	25.7	10.0	Flooding	0.44	-2	48	1	22
	HHs with Permanent Housing (%)	98.6	98.9	98.4	100.0	Housing	0.55	1	35	1	7
	Traffic Injuries per 100,000 Population	586	1,306	1,480	700	Traffic Safety	-0.33	-1	17	-1	55
							<b>0.52</b>	<b>1</b>	<b>14</b>	<b>1</b>	<b>7</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	78.4	95.2	60.9	80.0	Water Supply	0.34	-1	29	1	27
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.86	2	1	1	4
	HHs with Sewerage Systems (%)	90.5	87.7	51.6	90.0	Drainage Conditions	0.43	1	12	1	28
	Hospitals per 000 Population	0.12	0.16	0.13	0.15	Access to Health Care	0.45	1	22	1	10
								<b>0.15</b>	<b>-1</b>	<b>47</b>	<b>0</b>
AMENITY	Cultural Facilities per 000 Population	0.12	0.41	0.53	1.00	Access to Entertainment Facilities	0.10	-2	51	1	18
	Water Areas per 000 Population (ha)	0.17	1.25	5.52	10.00	Neighborhood Landscape	-0.11	-2	44	-1	47
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.11	-2	13	1	19
	Green Areas per 000 Population (ha)	0.08	0.01	298.66	300.00	Greenery	-0.10	-2	35	-1	37
	Average Living Space per Capita (m <sup>2</sup> )	27.6	22.4	75.3	50.0	Housing Conditions	0.82	2	36	1	1
	Net Population Density (no./ha)	166	206	39	100	Peace and Order Situation	0.07	0	37	1	45
								<b>0.56</b>	<b>1</b>	<b>18</b>	<b>1</b>
CAPACITY	Average Annual Income (USD)	4,081	3,295	2,619	5,000	Housing	0.55	1	1	1	7
	Motor Vehicle Ownership per 000 Population	514	543	450	250	Transportation Convenience	0.61	2	15	1	37
	Internet Connections per 000 Population	176	342	174	500	Telecommunications	0.53	0	25	1	21
	Mobile Phone Ownership per 000 Population	369	477	352	500	Telecommunications	0.53	1	27	1	21

**Overall Assessment**

Objective Assessment Score: **0.41 (27/56)**

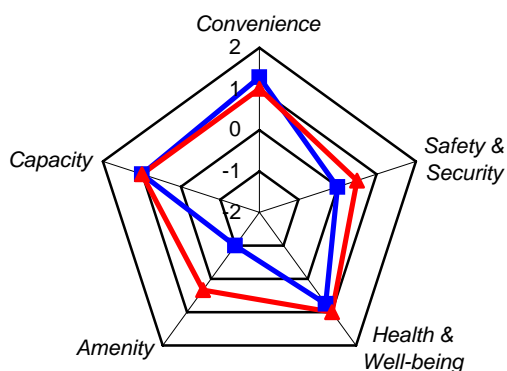
Subjective Assessment Score: **0.39 (24/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: The people are generally satisfied with their living conditions in Thanh Khe Dong commune, but amenity condition is poor.

Convenience	Assessment indicators related to traffic, i.e. traffic situation, travel time to work, and transportation convenience, have low scores.
Safety & Security	Flood vulnerability rate is high, but the people are more concerned about traffic safety issues.
Health & Well-being	The commune has high solid waste collection rates and a high coverage of sewerage services. However, the people feel that sanitary conditions should be improved.
Amenity	Though population density is relatively low, the people are dissatisfied with the neighborhood landscape as well as with the peace and order situation.
Capacity	The capacity of the people in this commune is rather high.



— Objective Assessment Score — Subjective Assessment Score



# Commune: Thac Gian

## District: Thanh Khe

### Profile

Thac Gian commune is located east of the Danang International Airport. Land use is mainly residential and partly commercial. The 29 - 3 Park, one of the landmark parks in the city, is located in this commune. Postal service facilities are concentrated here.

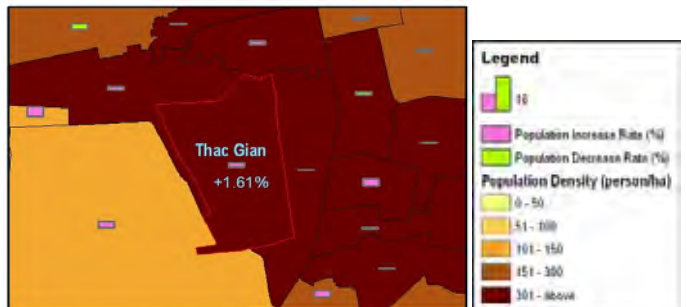
### Location



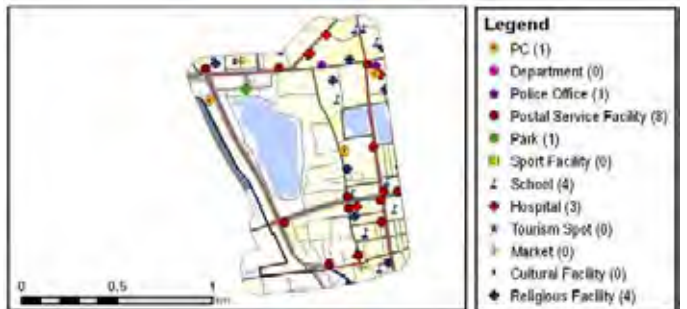
### FACT SHEET

Main Indicators		Value
Population	Population (2000)	16,681
	Population (2007)	18,653
	Average Population Growth Rate (00-07)	1.61
	Gross Population Density Ratio (no./ha)	240
	Net Population Density Ratio (no. /ha)	344
Land	Total Area (ha)	77.57
	Net Area (ha) <sup>1</sup>	54.20
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 18 : 81
	Employment-Residence Ratio (%) <sup>2</sup>	1.03
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.76
Household Information	Average Household Size	3.7
	Average Monthly Household Income (000VND)	4,311
	Poor Households (%)	7.7
	Households with Own Houses (%)	91.4
	Households with Cars/1-2 Motorcycles (%)	93.2
Transportation	Average Travel Time (excluding walking) (min.)	15.5
	Public Transportation Usage (all trips) (%)	0.7
Landscape Areas	Water Surface (ha)	11.87
	Parks and Open Spaces (ha)	19.93
Connectivity	Households with Mobile Phones (%)	79.5
	Households with Internet Connection (%)	33.4
Health	Hospitals (no.)	3
	Hospital Beds (no.)	125
	Doctors (no.)	7
Education	Schools (no.)	4
	Students (no.)	2,132
	Teachers (no.)	112

### Population



### Public Facilities



### Transportation



<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

### Land Use



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Thac Gian Commune	ASSESSMENT			
		Thac Gian Commune	Thanh Khe District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE						<b>0.27</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>52</b>	
	Household Electricity Connection (%)	100	100	99	100	Power Supply	-0.53	2	1	-1	56
	Road Area Ratio (% per net area)	17.4	19.8	12.8	15.0	Traffic Situation	0.47	2	17	1	49
	To-work Travel Time (min.)	17.3	14.9	16.7	15.0	To-work Travel Time	0.17	2	39	1	52
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.29	-2	7	1	14
	Motor Vehicle Ownership per 000 Population	521	543	450	250	Transportation Convenience	0.29	2	12	1	51
	# of TV Sets per 000 Population	385	407	323	300	Telecommunications	0.60	2	11	1	11
# of Telephones per 000 Population	233	227	200	300	Telecommunications	0.60	1	7	1	11	
						<b>0.28</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>36</b>	
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.41	2	19	1	38
	Flood Vulnerability (% of area)	72.8	38.7	25.7	10.0	Flooding	0.22	-2	53	1	36
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.39	2	1	1	28
	Traffic Injuries per 100,000 Population	1,548	1,306	1,480	700	Traffic Safety	0.08	-2	34	1	27
						<b>0.29</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>35</b>	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	88.1	95.2	60.9	80.0	Water Supply	0.28	0	22	1	32
	HHs Covered by SW Collection Services (%)	98.3	96.3	80.2	90.0	Solid Waste Collection	0.41	2	17	1	26
	HHs with Sewerage Systems (%)	20.5	87.7	51.6	90.0	Drainage Conditions	0.37	-2	38	1	36
	Hospitals per 000 Population	0.16	0.16	0.13	0.15	Access to Health Care	0.12	1	14	1	33
						<b>0.19</b>	<b>-1</b>	<b>40</b>	<b>1</b>	<b>16</b>	
AMENITY	Cultural Facilities per 000 Population	0.27	0.41	0.53	1.00	Access to Entertainment Facilities	0.21	-1	38	1	11
	Water Areas per 000 Population (ha)	0.64	1.25	5.52	10.00	Neighborhood Landscape	0.14	-2	35	1	17
	Parks / Open Spaces per 000 Population (ha)	1.07	0.52	0.46	3.00	Access to Parks and Green Spaces	0.17	-1	3	1	14
	Green Areas per 000 Population (ha)	0.01	0.01	298.66	300.00	Greenery	0.03	-2	40	0	25
	Average Living Space per Capita (m <sup>2</sup> )	19.6	22.4	75.3	50.0	Housing Conditions	0.34	2	49	1	36
	Net Population Density (no./ha)	344	206	39	100	Peace and Order Situation	0.27	-1	48	1	29
						<b>0.47</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>37</b>	
CAPACITY	Average Annual Income (USD)	2,874	3,295	2,619	5,000	Housing	0.39	0	24	1	28
	Motor Vehicle Ownership per 000 Population	521	543	450	250	Transportation Convenience	0.29	2	12	1	51
	Internet Connections per 000 Population	334	342	174	500	Telecommunications	0.60	2	11	1	11
	Mobile Phone Ownership per 000 Population	490	477	352	500	Telecommunications	0.60	1	6	1	11

**Overall Assessment**

Objective Assessment Score: **0.39 (29/56)**  
 Subjective Assessment Score: **0.30 (40/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: The people are generally satisfied with the conditions in the commune, but the objective scores for some indicators are quite low.

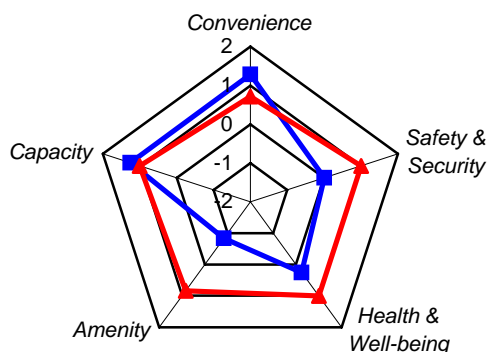
**Convenience**: Though the electricity connection is high, the people are not satisfied with the power supply, possibly due to other factors such as power outages.

**Safety & Security**: Flood vulnerability and traffic injury rate are quite high.

**Health & Well-being**: Sewerage system is exceptionally low compared to the district average.

**Amenity**: The commune is densely populated, and the people are dissatisfied with their housing conditions as well as with the peace and order situation.

**Capacity**: Telecommunications conditions are not bad, but the people feel the need for improvement in transportation convenience.



— Objective Assessment Score — Subjective Assessment Score



# Commune: Tan Chinh

## District: Thanh Khe

### Profile

Tan Chinh commune is located in the eastern side of Thanh Khe district. The commune's net population density is the highest in Danang, exceeding 600 persons / ha. About 80% of the population is engaged in the tertiary sector. There is a plan to construct the Hai Phong-Ong Ich Khiem Park here.

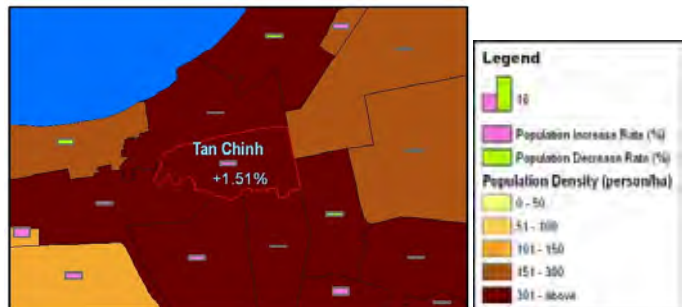
### Location



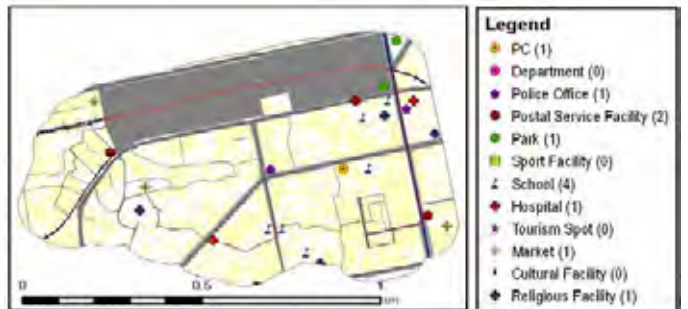
### FACT SHEET

Main Indicators		Value
Population	Population (2000)	14,613
	Population (2007)	16,229
	Average Population Growth Rate (00-07)	1.51
	Gross Population Density Ratio (no./ha)	439
	Net Population Density Ratio (no./ha)	616
Land	Total Area (ha)	37.00
	Net Area (ha) <sup>1</sup>	26.34
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	0 : 19 : 80
	Employment-Residence Ratio (%) <sup>2</sup>	0.60
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.73
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	5,350
	Poor Households (%)	5.8
	Households with Own Houses (%)	91.0
	Households with Cars/1-2 Motorcycles (%)	92.1
Transportation	Average Travel Time (excluding walking) (min.)	14.0
	Public Transportation Usage (all trips) (%)	0.2
Landscape Areas	Water Surface (ha)	0.00
	Parks and Open Spaces (ha)	1.40
Connectivity	Households with Mobile Phones (%)	72.5
	Households with Internet Connection (%)	18.7
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	4
	Students (no.)	2,706
	Teachers (no.)	101

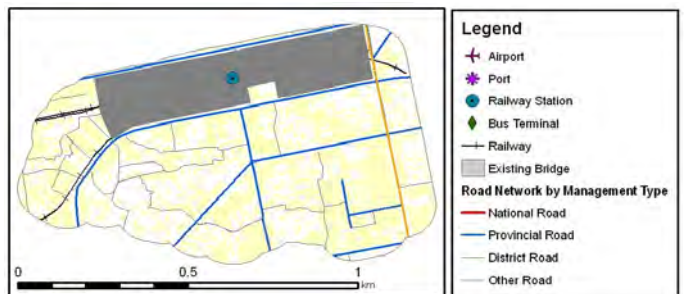
### Population



### Public Facilities



### Transportation



### Urban Infrastructure

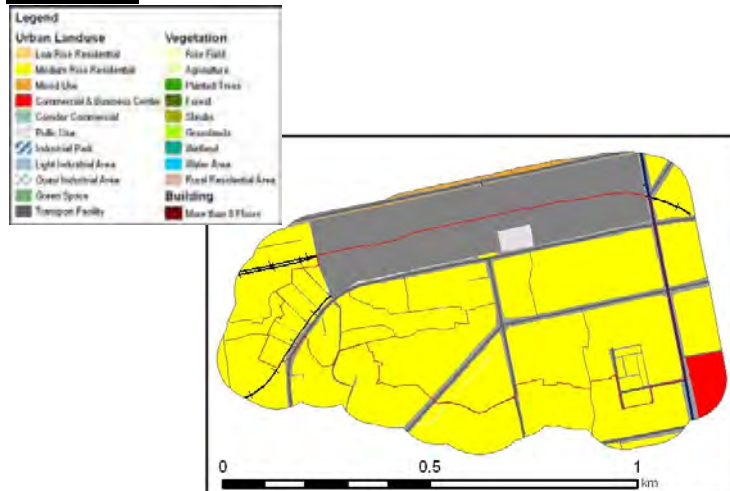


<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

### Land Use





Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Tan Chinh Commune	Thanh Khe District	Danang City					Tan Chinh Commune	Objective Score	Commune Rank	Subjective Score
							<b>0.65</b>	<b>1</b>	<b>20</b>	<b>1</b>	<b>10</b>	
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.42	2	1	1	25	
	Road Area Ratio (% per net area)	10.8	19.8	12.8	15.0	Traffic Situation	0.85	1	31	1	6	
	To-work Travel Time (min.)	16.1	14.9	16.7	15.0	To-work Travel Time	0.62	2	31	1	23	
	To-work Trips by Public Transportation (%)	0.52	0.00	0.07	35.00	Public Transportation Convenience	1.00	-2	4	1	1	
	Motor Vehicle Ownership per 000 Population	525	543	450	250	Transportation Convenience	0.81	2	11	1	12	
	# of TV Sets per 000 Population	398	407	323	300	Telecommunications	0.43	2	10	1	34	
	# of Telephones per 000 Population	219	227	200	300	Telecommunications	0.43	1	18	1	34	
							<b>0.42</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>13</b>	
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.79	2	29	1	8	
	Flood Vulnerability (% of area)	61.1	38.7	25.7	10.0	Flooding	0.36	-2	49	1	28	
	HHs with Permanent Housing (%)	98.1	98.9	98.4	100.0	Housing	0.48	1	41	1	15	
	Traffic Injuries per 100,000 Population	507	1,306	1,480	700	Traffic Safety	0.06	-1	15	1	34	
							<b>0.33</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>28</b>	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	95.1	95.2	60.9	80.0	Water Supply	0.45	1	11	1	14	
	HHs Covered by SW Collection Services (%)	98.1	96.3	80.2	90.0	Solid Waste Collection	0.30	2	20	1	37	
	HHs with Sewerage Systems (%)	98.0	87.7	51.6	90.0	Drainage Conditions	0.39	2	1	1	35	
	Hospitals per 000 Population	0.06	0.16	0.13	0.15	Access to Health Care	0.16	0	48	1	30	
							<b>0.03</b>	<b>-1</b>	<b>55</b>	<b>0</b>	<b>38</b>	
AMENITY	Cultural Facilities per 000 Population	0.11	0.41	0.53	1.00	Access to Entertainment Facilities	-0.11	-2	53	-1	31	
	Water Areas per 000 Population (ha)	0.00	1.25	5.52	10.00	Neighborhood Landscape	-0.08	-2	52	-1	44	
	Parks / Open Spaces per 000 Population (ha)	0.08	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.11	-2	7	-1	30	
	Green Areas per 000 Population (ha)	0.01	0.01	298.66	300.00	Greenery	-0.25	-2	39	-1	47	
	Average Living Space per Capita (m <sup>2</sup> )	17.9	22.4	75.3	50.0	Housing Conditions	0.56	2	53	1	8	
	Net Population Density (no./ha)	616	206	39	100	Peace and Order Situation	0.14	-2	56	1	39	
							<b>0.54</b>	<b>1</b>	<b>18</b>	<b>1</b>	<b>22</b>	
CAPACITY	Average Annual Income (USD)	3,567	3,295	2,619	5,000	Housing	0.48	1	7	1	15	
	Motor Vehicle Ownership per 000 Population	525	543	450	250	Transportation Convenience	0.81	2	11	1	12	
	Internet Connections per 000 Population	187	342	174	500	Telecommunications	0.43	0	20	1	34	
	Mobile Phone Ownership per 000 Population	363	477	352	500	Telecommunications	0.43	1	29	1	34	

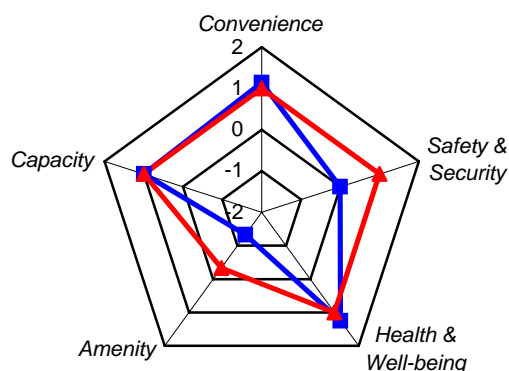
**Overall Assessment**

**Objective Assessment Score: 0.41 (26/56)**  
**Subjective Assessment Score: 0.39 (23/56)**

rank /  
commune

**Summary Diagnosis**

**Overall Assessment** The living conditions and the people's assessment basically match in this commune.



— Objective Assessment Score — Subjective Assessment Score

<b>Convenience</b>	The people commute by public transportation more than others in the city, and while the rate is still low, they are the most satisfied with its convenience among all communes.
<b>Safety &amp; Security</b>	Flood vulnerability is rather high, but the people are more concerned about traffic safety issues.
<b>Health &amp; Well-being</b>	Basic services are well provided, and the people are generally satisfied.
<b>Amenity</b>	Tan Chinh is one of the communes that have the largest parks and open spaces, close to the benchmark for 2025. At the same time, it is the most densely populated commune in the city.
<b>Capacity</b>	Capacity levels are satisfactory.

# Commune: Vinh Trung

## District: Thanh Khe

### Profile

Vinh Trung commune is located in the eastern side of Thanh Khe district. Net population density is high, exceeding 400 persons / ha. The Big C Supermarket is located in this commune, along with Vinh Trung Plaza, a newly emerging high-class office and residential building.

### Location



### FACT SHEET

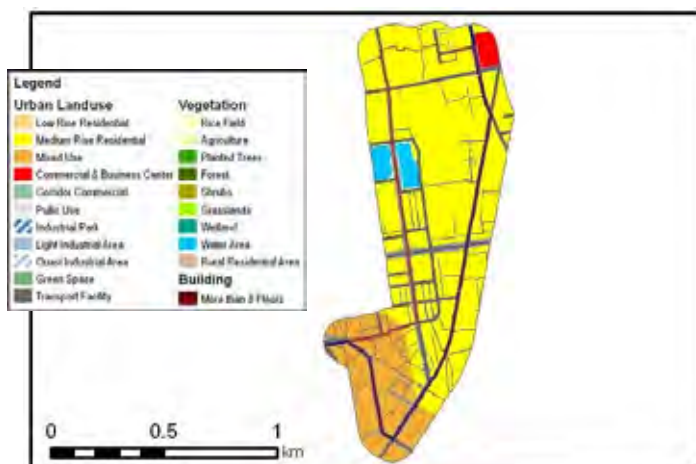
Main Indicators		Value
Population	Population (2000)	18,366
	Population (2007)	18,692
	Average Population Growth Rate (00-07)	0.25
	Gross Population Density Ratio (no./ha)	363
	Net Population Density Ratio (no. /ha)	433
Land	Total Area (ha)	51.50
	Net Area (ha) <sup>1</sup>	43.20
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 18 : 81
	Employment-Residence Ratio (%) <sup>2</sup>	0.84
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.43
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	4,281
	Poor Households (%)	2.5
	Households with Own Houses (%)	97.4
	Households with Cars/1-2 Motorcycles (%)	88.0
Transportation	Average Travel Time (excluding walking) (min.)	13.9
	Public Transportation Usage (all trips) (%)	0.2
Landscape Areas	Water Surface (ha)	0.64
	Parks and Open Spaces (ha)	1.30
Connectivity	Households with Mobile Phones (%)	72.6
	Households with Internet Connection (%)	24.8
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	8
	Students (no.)	4,782
	Teachers (no.)	245

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

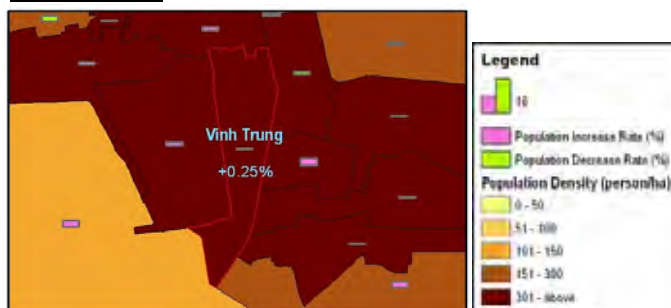
<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

### Land Use



### Population



### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Vinh Trung Commune	ASSESSMENT			
		Vinh Trung Commune	Thanh Khe District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							<b>0.42</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>43</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.32	2	1	1	35
	Road Area Ratio (% per net area)	15.3	19.8	12.8	15.0	Traffic Situation	0.72	2	27	1	26
	To-work Travel Time (min.)	14.2	14.9	16.7	15.0	To-work Travel Time	0.61	2	11	1	25
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.00	-2	7	0	17
	Motor Vehicle Ownership per 000 Population	473	543	450	250	Transportation Convenience	0.70	2	23	1	30
	# of TV Sets per 000 Population	325	407	323	300	Telecommunications	0.29	2	26	1	44
	# of Telephones per 000 Population	213	227	200	300	Telecommunications	0.29	1	26	1	44
							<b>0.28</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>35</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.54	2	7	1	21
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.38	2	1	1	26
	HHs with Permanent Housing (%)	93.1	98.9	98.4	100.0	Housing	0.43	0	53	1	22
	Traffic Injuries per 100,000 Population	244	1,306	1,480	700	Traffic Safety	-0.23	1	9	-1	52
							<b>0.44</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>14</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	94.1	95.2	60.9	80.0	Water Supply	0.32	0	13	1	31
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.41	2	1	1	25
	HHs with Sewerage Systems (%)	97.4	87.7	51.6	90.0	Drainage Conditions	0.81	2	3	1	7
	Hospitals per 000 Population	0.05	0.16	0.13	0.15	Access to Health Care	0.23	0	50	1	23
							<b>-0.08</b>	<b>-1</b>	<b>47</b>	<b>0</b>	<b>45</b>
AMENITY	Cultural Facilities per 000 Population	0.27	0.41	0.53	1.00	Access to Entertainment Facilities	-0.23	-1	35	-1	39
	Water Areas per 000 Population (ha)	0.03	1.25	5.52	10.00	Neighborhood Landscape	-0.41	-2	45	-1	53
	Parks / Open Spaces per 000 Population (ha)	0.07	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.28	-2	8	-1	42
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	-0.47	-2	42	-1	53
	Average Living Space per Capita (m <sup>2</sup> )	20.1	22.4	75.3	50.0	Housing Conditions	0.49	2	48	1	18
	Net Population Density (no./ha)	433	206	39	100	Peace and Order Situation	0.41	-1	51	1	19
							<b>0.43</b>	<b>1</b>	<b>18</b>	<b>1</b>	<b>44</b>
CAPACITY	Average Annual Income (USD)	2,854	3,295	2,619	5,000	Housing	0.43	0	25	1	22
	Motor Vehicle Ownership per 000 Population	473	543	450	250	Transportation Convenience	0.70	2	23	1	30
	Internet Connections per 000 Population	248	342	174	500	Telecommunications	0.29	1	18	1	44
	Mobile Phone Ownership per 000 Population	340	477	352	500	Telecommunications	0.29	1	37	1	44

**Overall Assessment**

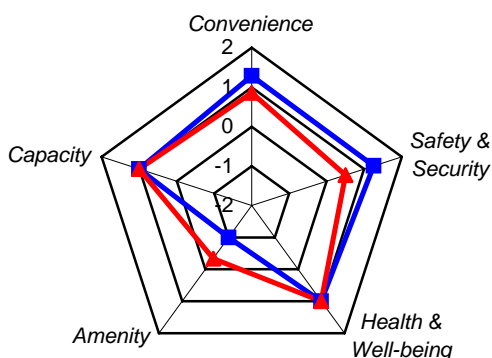
Objective Assessment Score: **0.71 (6/56)**  
 Subjective Assessment Score: **0.30 (41/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: Objective scores are high for convenience, safety & security, and capacity. Subjective scores are balanced.

Convenience	The people's assessment of convenience is quite low, mainly due to the inconvenience of public transportation.
Safety & Security	Safety & security conditions are very good, and people are generally satisfied.
Health & Well-being	The people feel the need for improvements in drainage conditions.
Amenity	The commune lacks water areas, parks/open spaces, and greeneries. The people are especially dissatisfied with greenery conditions. Peace and order are also an issue.
Capacity	Capacity scores are high, but the people feel that transportation convenience should be improved.



— Objective Assessment Score    — Subjective Assessment Score



# Commune: Xuan Ha

## District: Thanh Khe

### Profile

From 2000 to 2007, the population in Xuan Ha commune decreased at an annual rate of -2.2%. A considerable number of workers are engaged in the primary sector, mostly as fishermen. The district People's Committee office is located in this commune. Housing ownership rate is high, and the average monthly household income is also relatively high. The commune is bestowed with a beautiful seascape.

### FACT SHEET

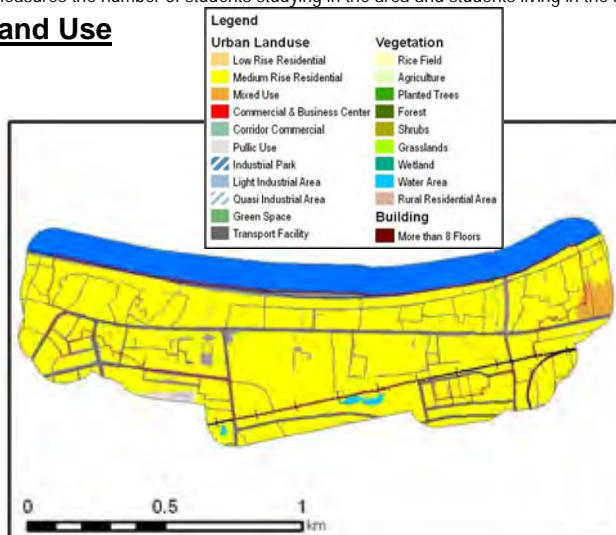
Main Indicators		Value
Population	Population (2000)	20,634
	Population (2007)	17,669
	Average Population Growth Rate (00-07)	-2.19
	Gross Population Density Ratio (no./ha)	212
	Net Population Density Ratio (no./ha)	239
Land	Total Area (ha)	83.47
	Net Area (ha) <sup>1</sup>	73.83
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	12 : 25 : 64
	Employment-Residence Ratio (%) <sup>2</sup>	0.72
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.78
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	4,778
	Poor Households (%)	4.4
	Households with Own Houses (%)	100.0
	Households with Cars/1-2 Motorcycles (%)	90.4
Transportation	Average Travel Time (excluding walking) (min.)	15.9
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	0.00
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	77.2
	Households with Internet Connection (%)	29.8
Health	Hospitals (no.)	2
	Hospital Beds (no.)	70
	Doctors (no.)	0
Education	Schools (no.)	8
	Teachers (no.)	141

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

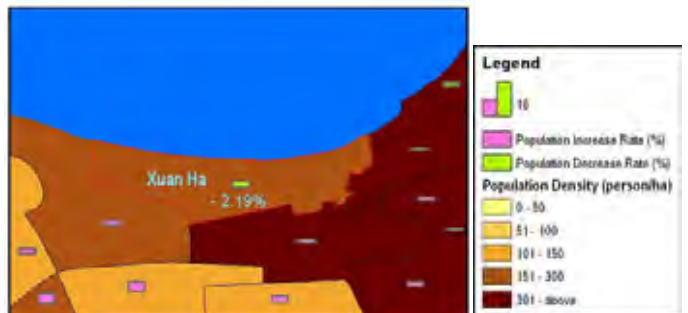
### Land Use



### Location



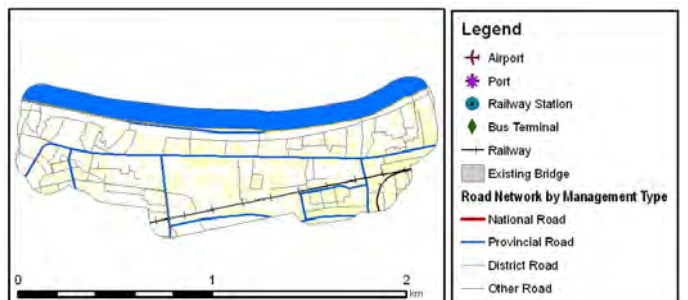
### Population



### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Xuan Ha Commune	ASSESSMENT			
		Xuan Ha Commune	Thanh Khe District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							<b>0.76</b>	<b>1</b>	<b>20</b>	<b>1</b>	<b>2</b>
	Household Electricity Connection (%)	100	100	99	100	Power Supply	1.10	2	1	2	1
	Road Area Ratio (% per net area)	39.0	19.8	12.8	15.0	Traffic Situation	0.75	2	2	1	25
	To-work Travel Time (min.)	20.5	14.9	16.7	15.0	To-work Travel Time	0.75	1	49	1	9
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	453	543	450	250	Transportation Convenience	0.79	2	28	1	17
	# of TV Sets per 000 Population	398	407	323	300	Telecommunications	0.58	2	8	1	13
# of Telephones per 000 Population	229	227	200	300	Telecommunications	0.58	1	10	1	13	
							<b>0.68</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>3</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.94	2	26	1	2
	Flood Vulnerability (% of area)	1.7	38.7	25.7	10.0	Flooding	0.68	1	20	1	8
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.82	2	1	1	3
	Traffic Injuries per 100,000 Population	1,334	1,306	1,480	700	Traffic Safety	0.29	-2	28	1	14
							<b>1.00</b>	<b>1</b>	<b>14</b>	<b>1</b>	<b>1</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	72.8	95.2	60.9	80.0	Water Supply	1.00	-1	31	1	1
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.93	2	1	1	2
	HHs with Sewerage Systems (%)	90.4	87.7	51.6	90.0	Drainage Conditions	0.86	1	13	1	3
	Hospitals per 000 Population	0.15	0.16	0.13	0.15	Access to Health Care	1.20	1	15	2	1
							<b>0.61</b>	<b>-1</b>	<b>40</b>	<b>1</b>	<b>2</b>
AMENITY	Cultural Facilities per 000 Population	0.23	0.41	0.53	1.00	Access to Entertainment Facilities	1.06	-1	42	2	1
	Water Areas per 000 Population (ha)	0.00	1.25	5.52	10.00	Neighborhood Landscape	0.29	-2	52	1	4
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	1.04	-2	13	2	1
	Green Areas per 000 Population (ha)	0.80	0.01	298.66	300.00	Greenery	0.26	-2	29	1	5
	Average Living Space per Capita (m <sup>2</sup> )	25.1	22.4	75.3	50.0	Housing Conditions	0.57	2	37	1	6
	Net Population Density (no./ha)	239	206	39	100	Peace and Order Situation	0.43	0	42	1	17
							<b>0.69</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>3</b>
CAPACITY	Average Annual Income (USD)	3,185	3,295	2,619	5,000	Housing	0.82	1	14	1	3
	Motor Vehicle Ownership per 000 Population	453	543	450	250	Transportation Convenience	0.79	2	28	1	17
	Internet Connections per 000 Population	298	342	174	500	Telecommunications	0.58	1	13	1	13
	Mobile Phone Ownership per 000 Population	426	477	352	500	Telecommunications	0.58	1	16	1	13

**Overall Assessment**

**Objective Assessment Score: 0.61 (10/56)**

**Subjective Assessment Score: 0.75 (1/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment The objective scores for convenience, as well as safety & security are high, but amenity is low. However, the people have a low assessment for both convenience and amenity.

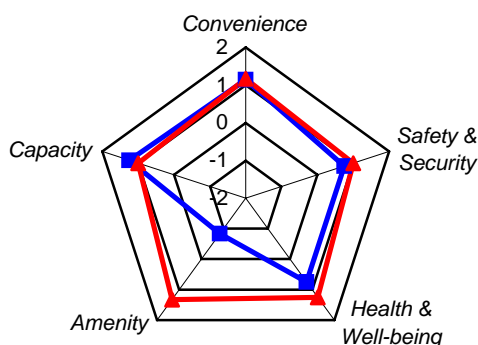
**Convenience** Though both the number of TV sets and telephones per 1000 population is nearly equal to the district average, the people are still dissatisfied with telecommunications services.

**Safety & Security** The commune is resilient to both floods and traffic accidents.

**Health & Well-being** Overall health and well-being conditions are satisfactory, but Vinh Trung lacks an accessible hospital within its area.

**Amenity** The population has not increased much since 2000, but its net population density is still high. Even gross population density exceeds 360 persons / ha.

**Capacity** The people are dissatisfied with their capacity levels.



— Objective Assessment Score — Subjective Assessment Score



# Commune: Hoa Khe

## District: Thanh Khe

### Profile

Hoa Khe commune was established in 2005 when, as a result of administrative reform, one commune was split into two, namely Hoa Khe and An Khe. The population has been growing in this commune, but is still spacious with a net population density of 105 persons / ha. A third of the working population is engaged in the secondary sector, relatively a high ratio for Danang City.

### FACT SHEET

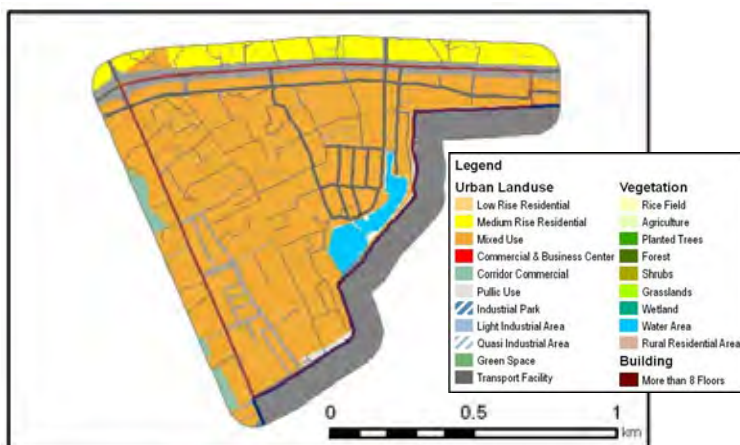
Main Indicators		Value
Population	Population (2000)	24,189
	Population (2007)	13,204
	Average Population Growth Rate (00-07)	3.87
	Gross Population Density Ratio (no./ha)	94
	Net Population Density Ratio (no. /ha)	105
Land	Total Area (ha)	140.66
	Net Area (ha) <sup>1</sup>	126.14
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 30 : 69
	Employment-Residence Ratio (%) <sup>2</sup>	0.52
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.04
Household Information	Average Household Size	3.8
	Average Monthly Household Income (000VND)	3,763
	Poor Households (%)	5.0
	Households with Own Houses (%)	92.2
	Households with Cars/1-2 Motorcycles (%)	94.9
Transportation	Average Travel Time (excluding walking) (min.)	13.1
	Public Transportation Usage (all trips) (%)	0.3
Landscape Areas	Water Surface (ha)	3.28
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	82.2
	Households with Internet Connection (%)	40.6
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	5
	Students (no.)	4,170
	Teachers (no.)	189

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup> Measures the number of workers working in the area and workers living in the area.

<sup>3</sup> Measures the number of students studying in the area and students living in the area.

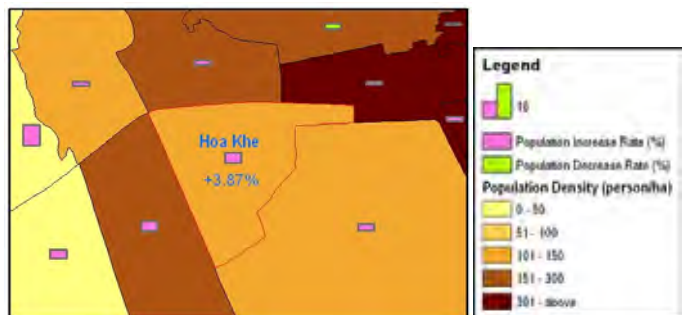
### Land Use



### Location



### Population



### Public Facilities



### Transportation



### Urban Infrastructure





Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Khe Commune	ASSESSMENT			
		Hoa Khe Commune	Thanh Khe District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							<b>0.65</b>	<b>1</b>	<b>34</b>	<b>1</b>	<b>12</b>
	Household Electricity Connection (%)	99	100	99	100	Power Supply	0.28	1	42	1	37
	Road Area Ratio (% per net area)	7.4	19.8	12.8	15.0	Traffic Situation	0.76	0	38	1	22
	To-work Travel Time (min.)	16.1	14.9	16.7	15.0	To-work Travel Time	0.70	2	30	1	15
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	1.00	-2	7	1	1
	Motor Vehicle Ownership per 000 Population	482	543	450	250	Transportation Convenience	0.77	2	18	1	22
	# of TV Sets per 000 Population	342	407	323	300	Telecommunications	0.52	2	20	1	22
# of Telephones per 000 Population	223	227	200	300	Telecommunications	0.52	1	16	1	22	
SAFETY & SECURITY							<b>0.29</b>	<b>1</b>	<b>16</b>	<b>1</b>	<b>32</b>
	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.46	2	4	1	35
	Flood Vulnerability (% of area)	34.0	38.7	25.7	10.0	Flooding	0.19	-2	39	1	38
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.44	2	1	1	18
Traffic Injuries per 100,000 Population	349	1,306	1,480	700	Traffic Safety	0.07	0	11	1	28	
HEALTH & WELL-BEING							<b>0.30</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>33</b>
	HHs with Piped Water Connection (%)	89.8	95.2	60.9	80.0	Water Supply	0.38	0	18	1	23
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.24	2	1	1	42
	HHs with Sewerage Systems (%)	72.2	87.7	51.6	90.0	Drainage Conditions	0.19	-1	27	1	43
	Hospitals per 000 Population	0.07	0.16	0.13	0.15	Access to Health Care	0.37	0	41	1	16
AMENITY							<b>0.21</b>	<b>-1</b>	<b>40</b>	<b>1</b>	<b>15</b>
	Cultural Facilities per 000 Population	0.00	0.41	0.53	1.00	Access to Entertainment Facilities	0.23	-2	56	1	10
	Water Areas per 000 Population (ha)	0.25	1.25	5.52	10.00	Neighborhood Landscape	0.06	-2	41	1	30
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.28	-2	13	1	8
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	-0.19	-2	42	-1	46
	Average Living Space per Capita (m <sup>2</sup> )	29.9	22.4	75.3	50.0	Housing Conditions	0.41	2	33	1	27
	Net Population Density (no./ha)	105	206	39	100	Peace and Order Situation	0.49	1	33	1	12
CAPACITY							<b>0.56</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>18</b>
	Average Annual Income (USD)	2,509	3,295	2,619	5,000	Housing	0.44	0	31	1	18
	Motor Vehicle Ownership per 000 Population	482	543	450	250	Transportation Convenience	0.77	2	18	1	22
	Internet Connections per 000 Population	406	342	174	500	Telecommunications	0.52	2	3	1	22
Mobile Phone Ownership per 000 Population	378	477	352	500	Telecommunications	0.52	1	24	1	22	

**Overall Assessment**

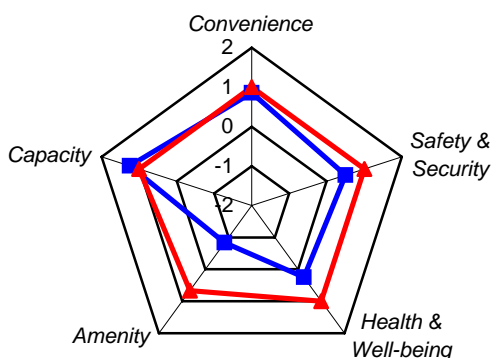
Objective Assessment Score: **0.40 (28/56)**  
 Subjective Assessment Score: **0.40 (21/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: Objective scores are high for convenience, safety & security, and capacity. Subjective scores are balanced.

Convenience	The people's assessment of convenience is quite low, mainly due to the inconvenience of public transportation.
Safety & Security	Safety & security conditions are very good, and people are generally satisfied.
Health & Well-being	The people feel the need for improvements in drainage conditions.
Amenity	The commune lacks water areas, parks/open spaces, and greeneries. The people are especially dissatisfied with greenery conditions. Peace and order are also an issue.
Capacity	Capacity scores are high, but the people feel that transportation convenience should be improved.



— Objective Assessment Score    — Subjective Assessment Score

# Commune: Thanh Khe Tay

## District: Thanh Khe

### Profile

Thanh Khe Tay commune was established in 2005 when, as a result of administrative reform, one commune was split into two, namely Thanh Khe Tay and Thanh Khe Dong. Light industrial sites account for 23% of the commune's total land area. The rest is used as either for residential or commercial use. The percentage of poor households is relatively low.

### FACT SHEET

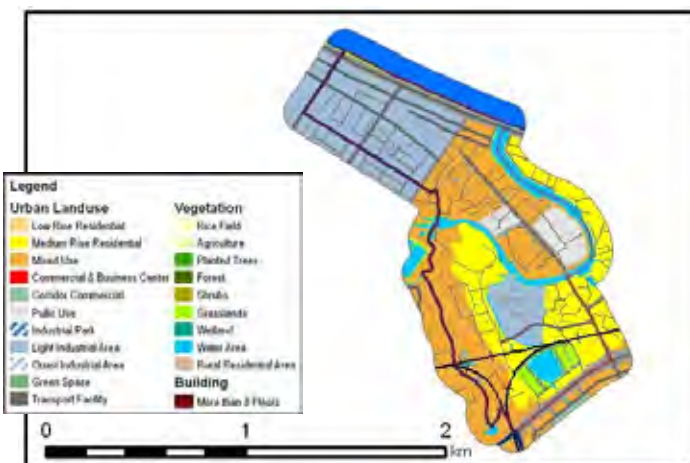
Main Indicators		Value
Population	Population (2000)	21,906
	Population (2007)	13,903
	Average Population Growth Rate (00-07)	1.97
	Gross Population Density Ratio (no./ha)	117
	Net Population Density Ratio (no./ha)	149
Land	Total Area (ha)	119.01
	Net Area (ha) <sup>1</sup>	93.19
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 24 : 74
	Employment-Residence Ratio (%) <sup>2</sup>	0.88
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.66
Household Information	Average Household Size	3.7
	Average Monthly Household Income (000VND)	3,517
	Poor Households (%)	2.4
	Households with Own Houses (%)	76.9
Transportation	Households with Cars/1-2 Motorcycles (%)	89.3
	Average Travel Time (excluding walking) (min.)	12.9
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	7.68
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	77.4
	Households with Internet Connection (%)	15.5
Health	Hospitals (no.)	2
	Hospital Beds (no.)	70
	Doctors (no.)	14
Education	Schools (no.)	7
	Students (no.)	1,517
	Teachers (no.)	61

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

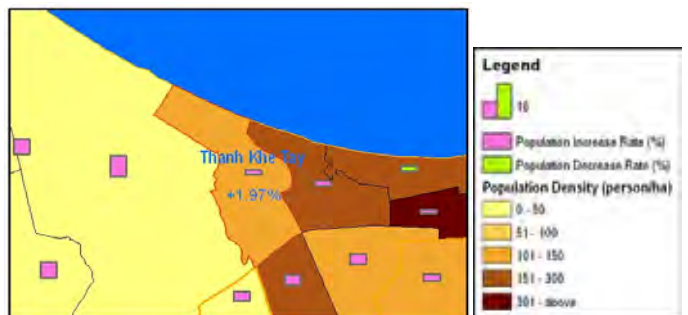
### Land Use



### Location



### Population



### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Thanh Khe Tay Commune	ASSESSMENT			
		Thanh Khe Tay Commune	Thanh Khe District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							<b>0.48</b>	<b>1</b>	<b>30</b>	<b>1</b>	<b>36</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.33	2	1	1	32
	Road Area Ratio (% per net area)	20.5	19.8	12.8	15.0	Traffic Situation	0.59	2	11	1	39
	To-work Travel Time (min.)	14.6	14.9	16.7	15.0	To-work Travel Time	0.53	2	16	1	34
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	405	543	450	250	Transportation Convenience	0.58	2	41	1	38
	# of TV Sets per 000 Population	268	407	323	300	Telecommunications	0.43	1	42	1	33
	# of Telephones per 000 Population	191	227	200	300	Telecommunications	0.43	0	37	1	33
							<b>0.55</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>7</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.94	2	8	1	1
	Flood Vulnerability (% of area)	5.9	38.7	25.7	10.0	Flooding	0.87	-1	23	1	5
	HHs with Permanent Housing (%)	98.8	98.9	98.4	100.0	Housing	0.37	1	32	1	30
	Traffic Injuries per 100,000 Population	1,956	1,306	1,480	700	Traffic Safety	0.02	-2	39	0	38
							<b>0.22</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>39</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	89.3	95.2	60.9	80.0	Water Supply	0.07	0	20	1	42
	HHs Covered by SW Collection Services (%)	96.4	96.3	80.2	90.0	Solid Waste Collection	0.34	2	29	1	32
	HHs with Sewerage Systems (%)	95.2	87.7	51.6	90.0	Drainage Conditions	0.64	2	4	1	14
	Hospitals per 000 Population	0.18	0.16	0.13	0.15	Access to Health Care	-0.19	1	11	-1	54
							<b>-0.07</b>	<b>-1</b>	<b>36</b>	<b>0</b>	<b>44</b>
AMENITY	Cultural Facilities per 000 Population	0.27	0.41	0.53	1.00	Access to Entertainment Facilities	-0.33	-1	37	-1	46
	Water Areas per 000 Population (ha)	0.55	1.25	5.52	10.00	Neighborhood Landscape	-0.23	-2	39	-1	50
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.27	-2	13	-1	41
	Green Areas per 000 Population (ha)	0.11	0.01	298.66	300.00	Greenery	-0.48	-2	32	-1	54
	Average Living Space per Capita (m <sup>2</sup> )	20.9	22.4	75.3	50.0	Housing Conditions	0.37	2	43	1	32
	Net Population Density (no./ha)	149	206	39	100	Peace and Order Situation	0.52	1	36	1	8
							<b>0.45</b>	<b>1</b>	<b>25</b>	<b>1</b>	<b>40</b>
CAPACITY	Average Annual Income (USD)	2,345	3,295	2,619	5,000	Housing	0.37	0	36	1	30
	Motor Vehicle Ownership per 000 Population	405	543	450	250	Transportation Convenience	0.58	2	41	1	38
	Internet Connections per 000 Population	155	342	174	500	Telecommunications	0.43	0	28	1	33
	Mobile Phone Ownership per 000 Population	353	477	352	500	Telecommunications	0.43	1	31	1	33

**Overall Assessment**

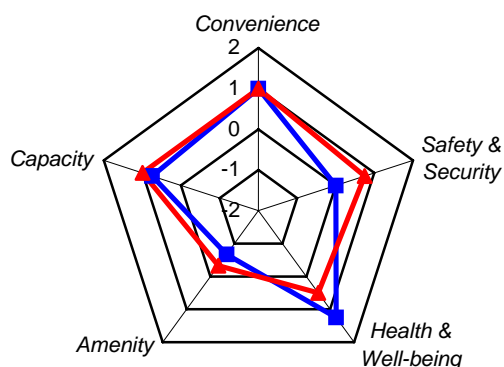
**Objective Assessment Score: 0.47 (23/56)**  
**Subjective Assessment Score: 0.33 (37/56)**

rank /  
commune

**Summary Diagnosis**

**Overall Assessment** Objective scores are high for convenience, safety & security, and capacity. Subjective scores are balanced.

<b>Convenience</b>	The people's assessment of convenience is quite low, mainly due to the inconvenience of public transportation.
<b>Safety &amp; Security</b>	Safety & security conditions are very good, and people are generally satisfied.
<b>Health &amp; Well-being</b>	The people feel the need for improvements in drainage conditions.
<b>Amenity</b>	The commune lacks water areas, parks/open spaces, and greeneries. The people are especially dissatisfied with greenery conditions. Peace and order are also an issue.
<b>Capacity</b>	Capacity scores are high, but the people feel that transportation convenience should be improved.



— Objective Assessment Score — Subjective Assessment Score



# Commune: An Hai Bac

District: Son Tra

## Profile

The population of An Hai Bac commune grew rapidly from 2000 to 2007 at an annual rate of 4.1%. Industrial parks (i.e., Danang Industrial Zone) and other industrial areas account for 25% of the total land area in the commune. There is a considerable number of workers engaged in the secondary sector. The East Bach Dang Sidewalk Park, an entertainment park with greeneries, parterres, ponds, and sculptures, is located here.

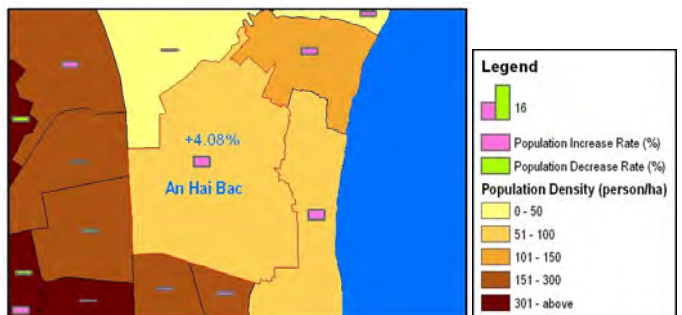
## Location



## FACT SHEET

Main Indicators		Value
Population	Population (2000)	17,518
	Population (2007)	23,178
	Average Population Growth Rate (00-07)	4.08
	Gross Population Density Ratio (no./ha)	66
	Net Population Density Ratio (no./ha)	93
Land	Total Area (ha)	349.00
	Net Area (ha) <sup>1</sup>	249.36
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	6 : 27 : 67
	Employment-Residence Ratio (%) <sup>2</sup>	1.06
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.59
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	5,861
	Poor Households (%)	2.1
	Households with Own Houses (%)	93.8
	Households with Cars/1-2 Motorcycles (%)	96.5
Transportation	Average Travel Time (excluding walking) (min.)	13.5
	Public Transportation Usage (all trips) (%)	2.1
Landscape Areas	Water Surface (ha)	47.73
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	84.0
	Households with Internet Connection (%)	25.7
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	7
	Students (no.)	4,350
	Teachers (no.)	200

## Population



## Public Facilities



## Transportation



## Urban Infrastructure



<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

## Land Use



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	An Hai Bac Commune	ASSESSMENT			
		An Hai Bac Commune	Son Tra District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							<b>0.57</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>24</b>	
	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.22	2	1	1	41	
	Road Area Ratio (% per net area)	16.0	19.8	12.8	15.0	Traffic Situation	0.60	2	21	1	37	
	To-work Travel Time (min.)	13.9	14.9	16.7	15.0	To-work Travel Time	0.53	2	8	1	33	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-	
	Motor Vehicle Ownership per 000 Population	478	543	450	250	Transportation Convenience	0.67	2	21	1	31	
	# of TV Sets per 000 Population	355	407	323	300	Telecommunications	0.69	2	18	1	6	
# of Telephones per 000 Population	227	227	200	300	Telecommunications	0.69	1	14	1	6		
SAFETY & SECURITY							<b>0.27</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>37</b>	
	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.24	2	18	1	51	
	Flood Vulnerability (% of area)	28.5	38.7	25.7	10.0	Flooding	0.18	-2	35	1	40	
	HHs with Permanent Housing (%)	97.2	98.9	98.4	100.0	Housing	0.31	1	46	1	36	
Traffic Injuries per 100,000 Population	960	1,306	1,480	700	Traffic Safety	0.36	-1	25	1	10		
HEALTH & WELL-BEING							<b>0.44</b>	<b>0</b>	<b>33</b>	<b>1</b>	<b>15</b>	
	HHs with Piped Water Connection (%)	87.4	95.2	60.9	80.0	Water Supply	0.36	0	24	1	25	
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.60	2	1	1	15	
	HHs with Sewerage Systems (%)	49.9	87.7	51.6	90.0	Drainage Conditions	0.41	-2	30	1	30	
Hospitals per 000 Population	0.04	0.16	0.13	0.15	Access to Health Care	0.39	-1	55	1	13		
AMENITY							<b>0.17</b>	<b>0</b>	<b>28</b>	<b>1</b>	<b>19</b>	
	Cultural Facilities per 000 Population	0.26	0.41	0.53	1.00	Access to Entertainment Facilities	-0.06	-1	40	-1	30	
	Water Areas per 000 Population (ha)	2.06	1.25	5.52	10.00	Neighborhood Landscape	0.13	-1	24	1	19	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.05	-2	13	1	24	
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	-0.01	-2	42	0	30	
	Average Living Space per Capita (m <sup>2</sup> )	28.1	22.4	75.3	50.0	Housing Conditions	0.35	2	35	1	34	
Net Population Density (no./ha)	93	206	39	100	Peace and Order Situation	0.56	2	32	1	5		
CAPACITY							<b>0.59</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>13</b>	
	Average Annual Income (USD)	3,907	3,295	2,619	5,000	Housing	0.31	1	4	1	36	
	Motor Vehicle Ownership per 000 Population	478	543	450	250	Transportation Convenience	0.67	2	21	1	31	
	Internet Connections per 000 Population	257	342	174	500	Telecommunications	0.69	1	17	1	6	
Mobile Phone Ownership per 000 Population	374	477	352	500	Telecommunications	0.69	1	26	1	6		

**Overall Assessment**

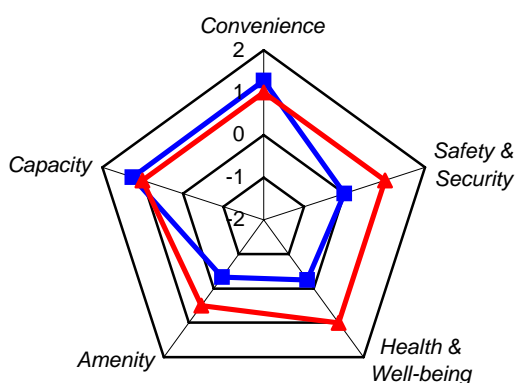
**Objective Assessment Score: 0.39 (29/56)**  
**Subjective Assessment Score: 0.41 (19/56)**

rank /  
commune

**Summary Diagnosis**

**Overall Assessment** The people's assessment is relatively high, although objectively improvements can be made in the aspects of safety & security, health & well-being, as well as amenity.

<b>Convenience</b>	Basic services are well provided. While the people are satisfied with telecommunications services, they are dissatisfied with power supply even though the service coverage is 100%.
<b>Safety &amp; Security</b>	Traffic injury rate is high, but the people seem satisfied with traffic safety conditions. However, they are concerned about safety & security in the commune.
<b>Health &amp; Well-being</b>	Solid waste collection service is well provided, and the people are satisfied. More improvements can be made in the sewerage systems.
<b>Amenity</b>	The commune lacks greeneries, but its water areas are at almost twice the district average. Net population density is not too high. The people gave high scores for peace & order.
<b>Capacity</b>	The average annual income is quite high, and many people can own motor vehicles and mobile phones, as well as access the Internet.



—■— Objective Assessment Score    —▲— Subjective Assessment Score

# Commune: An Hai Tay

District: Son Tra

## Profile

An Hai Tay commune is located on the east bank of the Han River, with Nguyen Van Troi Bridge connecting it to the river's west bank. The district People's Committee office is located in this commune. Postal service facilities are concentrated here. There is a noticeable number of workers engaged in the primary sector. The average monthly household income is low, and almost 1 in 10 households are classified as poor based on DOLISA standards.

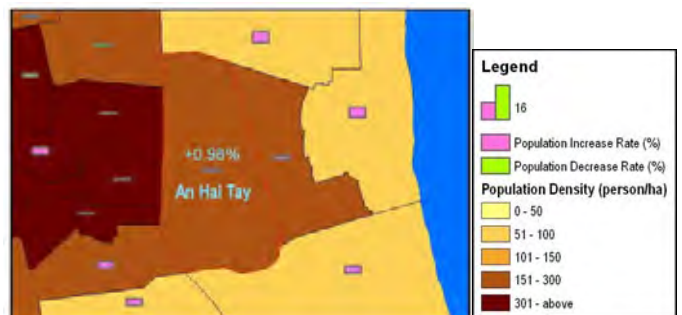
## Location



## FACT SHEET

Main Indicators		Value
Population	Population (2000)	13,727
	Population (2007)	14,692
	Average Population Growth Rate (00-07)	0.98
	Gross Population Density Ratio (no./ha)	139
	Net Population Density Ratio (no./ha)	185
Land	Total Area (ha)	106.00
	Net Area (ha) <sup>1</sup>	79.45
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	12 : 25 : 63
	Employment-Residence Ratio (%) <sup>2</sup>	0.93
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.69
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	2,921
	Poor Households (%)	9.7
	Households with Own Houses (%)	94.6
	Households with Cars/1-2 Motorcycles (%)	88.2
Transportation	Average Travel Time (excluding walking) (min.)	12.5
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	8.69
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	80.7
	Households with Internet Connection (%)	14.0
Health	Hospitals (no.)	3
	Hospital Beds (no.)	155
	Doctors (no.)	34
Education	Schools (no.)	5
	Students (no.)	2,379
	Teachers (no.)	187

## Population



## Public Facilities



## Transportation

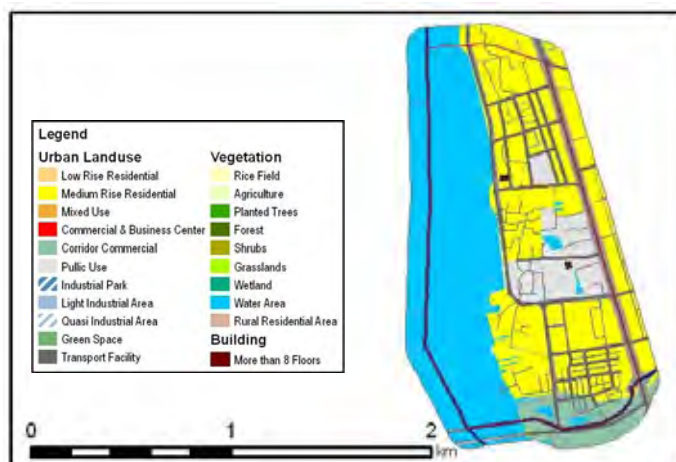


<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

## Land Use



## Urban Infrastructure





Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	An Hai Tay Commune	ASSESSMENT			
		An Hai Tay Commune	Son Tra District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							<b>0.32</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>49</b>	
	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.08	2	1	1	49	
	Road Area Ratio (% per net area)	41.0	19.8	12.8	15.0	Traffic Situation	0.52	2	1	1	46	
	To-work Travel Time (min.)	12.7	14.9	16.7	15.0	To-work Travel Time	0.38	2	3	1	44	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-	
	Motor Vehicle Ownership per 000 Population	445	543	450	250	Transportation Convenience	0.46	2	31	1	47	
	# of TV Sets per 000 Population	322	407	323	300	Telecommunications	0.23	2	27	1	48	
# of Telephones per 000 Population	213	227	200	300	Telecommunications	0.23	1	27	1	48		
SAFETY & SECURITY							<b>0.23</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>40</b>	
	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.49	2	23	1	28	
	Flood Vulnerability (% of area)	84.1	38.7	25.7	10.0	Flooding	-0.05	-2	54	-1	48	
	HHs with Permanent Housing (%)	93.6	98.9	98.4	100.0	Housing	0.37	0	52	1	32	
Traffic Injuries per 100,000 Population	321	1,306	1,480	700	Traffic Safety	0.12	0	10	1	23		
HEALTH & WELL-BEING							<b>0.21</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>40</b>	
	HHs with Piped Water Connection (%)	98.9	95.2	60.9	80.0	Water Supply	0.14	1	5	1	40	
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.30	2	1	1	36	
	HHs with Sewerage Systems (%)	93.6	87.7	51.6	90.0	Drainage Conditions	0.19	1	6	1	42	
	Hospitals per 000 Population	0.20	0.16	0.13	0.15	Access to Health Care	0.20	2	8	1	26	
AMENITY							<b>0.06</b>	<b>-1</b>	<b>40</b>	<b>0</b>	<b>32</b>	
	Cultural Facilities per 000 Population	0.27	0.41	0.53	1.00	Access to Entertainment Facilities	-0.20	-1	36	-1	37	
	Water Areas per 000 Population (ha)	0.59	1.25	5.52	10.00	Neighborhood Landscape	0.12	-2	38	1	24	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.18	-2	13	-1	34	
	Green Areas per 000 Population (ha)	0.00	0.01	298.66	300.00	Greenery	-0.02	-2	42	0	31	
	Average Living Space per Capita (m <sup>2</sup> )	20.6	22.4	75.3	50.0	Housing Conditions	0.41	2	45	1	25	
	Net Population Density (no./ha)	185	206	39	100	Peace and Order Situation	0.26	0	38	1	30	
CAPACITY							<b>0.32</b>	<b>1</b>	<b>34</b>	<b>1</b>	<b>48</b>	
	Average Annual Income (USD)	1,947	3,295	2,619	5,000	Housing	0.37	-1	43	1	32	
	Motor Vehicle Ownership per 000 Population	445	543	450	250	Transportation Convenience	0.46	2	31	1	47	
	Internet Connections per 000 Population	140	342	174	500	Telecommunications	0.23	0	32	1	48	
	Mobile Phone Ownership per 000 Population	349	477	352	500	Telecommunications	0.23	1	33	1	48	

**Overall Assessment**

**Objective Assessment Score: 0.49 (19/56)**  
**Subjective Assessment Score: 0.23 (45/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: Health & well-being scores are especially high in both objective and subjective assessments for this commune.

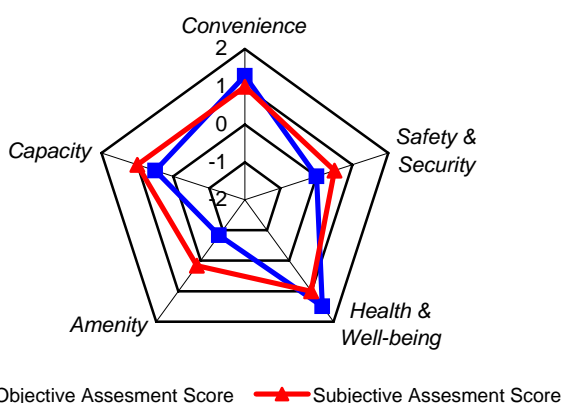
**Convenience**: Though objectively the convenience levels of the commune are quite high, the people are still dissatisfied.

**Safety & Security**: Flood vulnerability is very high, as 84% of the area is vulnerable to floods. The people are also quite concerned about flooding.

**Health & Well-being**: The people expect improvements to water supply and drainage conditions in the commune. The latter is most likely related to the flooding incidents in the commune.

**Amenity**: Housing conditions are not bad, but other amenities scored low.

**Capacity**: The average annual income, internet connection rate, and mobile phone ownership rate are quite low, even compared with the city average, resulting in low capacity scores.



# Commune: An Hai Dong

## District: Son Tra

### Profile

An Hai Dong commune has 11 schools including vocational schools, resulting in a high daytime population. 199 Hospital, a central government hospital managed by the Ministry of Public Security, is located in this commune.

### FACT SHEET

Main Indicators		Value
Population	Population (2000)	14,976
	Population (2007)	16,300
	Average Population Growth Rate (00-07)	1.22
	Gross Population Density Ratio (no./ha)	201
	Net Population Density Ratio (no./ha)	237
Land	Total Area (ha)	81.00
	Net Area (ha) <sup>1</sup>	68.90
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	2 : 32 : 66
	Employment-Residence Ratio (%) <sup>2</sup>	0.75
	Enrolment-Residence Ratio (%) <sup>3</sup>	2.34
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	4,205
	Poor Households (%)	3.9
	Households with Own Houses (%)	95.0
	Households with Cars/1-2 Motorcycles (%)	93.0
Transportation	Average Travel Time (excluding walking) (min.)	13.2
	Public Transportation Usage (all trips) (%)	0.2
Landscape Areas	Water Surface (ha)	0.00
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	85.1
	Households with Internet Connection (%)	17.8
Health	Hospitals (no.)	2
	Hospital Beds (no.)	150
	Doctors (no.)	0
Education	Schools (no.)	11
	Students (no.)	6,409
	Teachers (no.)	306

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

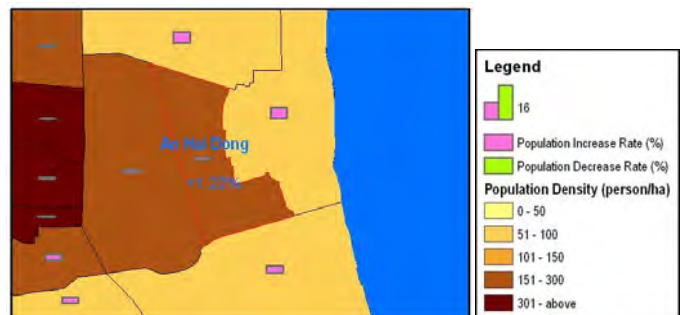
### Land Use



### Location



### Population



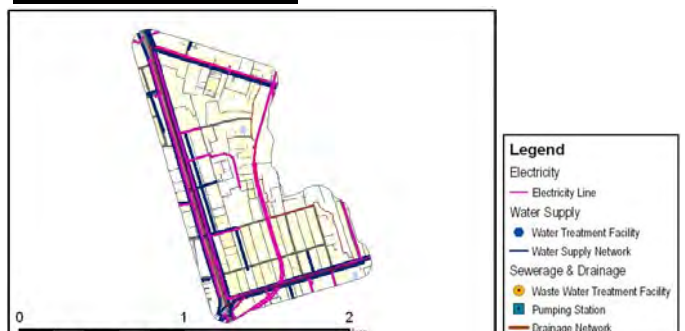
### Public Facilities



### Transportation



### Urban Infrastructure







# Commune: Man Thai

## District: Son Tra

### Profile

Man Thai commune faces the East Sea. Its population is growing at an average annual rate of 2.7%. The percentage of poor households is considerably low, though the household income is not that high. Average commuting time is the lowest in the city at 12.1 minutes. More students attend schools outside, rather than within, the commune.

### FACT SHEET

Main Indicators		Value
Population	Population (2000)	11,003
	Population (2007)	13,259
	Average Population Growth Rate (00-07)	2.70
	Gross Population Density Ratio (no./ha)	124
	Net Population Density Ratio (no./ha)	145
Land	Total Area (ha)	107.00
	Net Area (ha) <sup>1</sup>	91.18
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	9 : 18 : 73
	Employment-Residence Ratio (%) <sup>2</sup>	0.80
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.61
Household Information	Average Household Size	4.2
	Average Monthly Household Income (000VND)	3,821
	Poor Households (%)	1.1
	Households with Own Houses (%)	96.8
Transportation	Households with Cars/1-2 Motorcycles (%)	97.8
	Average Travel Time (excluding walking) (min.)	12.1
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	0.09
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	83.9
	Households with Internet Connection (%)	12.9
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	4
	Teachers (no.)	142

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

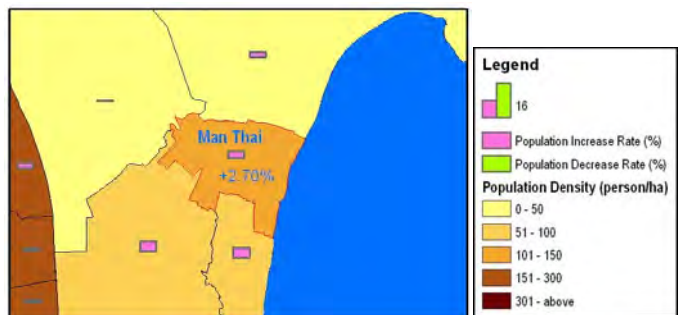
### Land Use



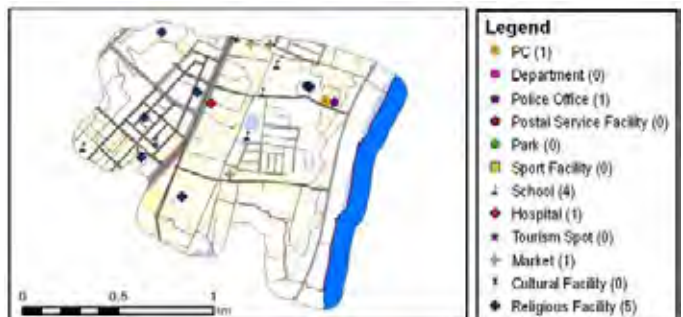
### Location



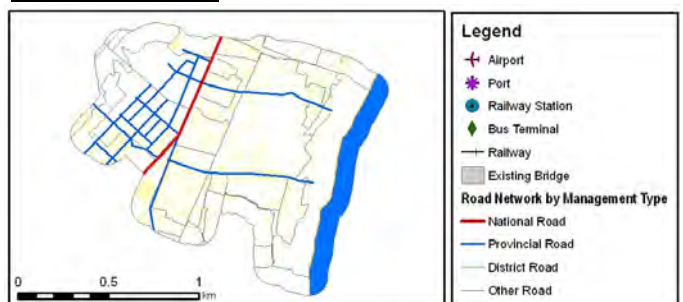
### Population



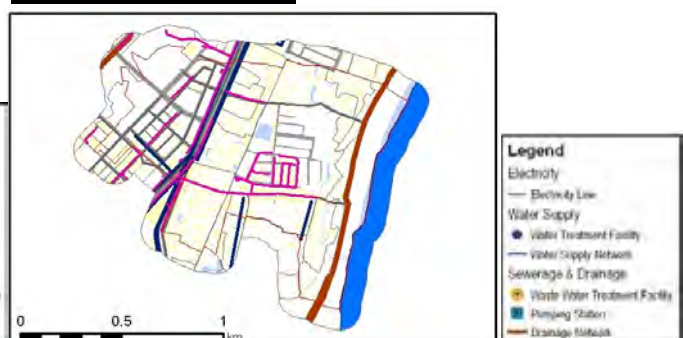
### Public Facilities



### Transportation



### Urban Infrastructure





# Commune: Nai Hien Dong

District: Son Tra

## Profile

Nai Hien Dong commune is located at the mouth of the Han River and at one end of the newly constructed Thuan Phuoc Bridge. From 2000 to 2007, its population did not grow much, and population density remained low. The employment rate in the primary sector is very high at 37%, with most engaged in fishery. The average household size is larger than that of others in the city.

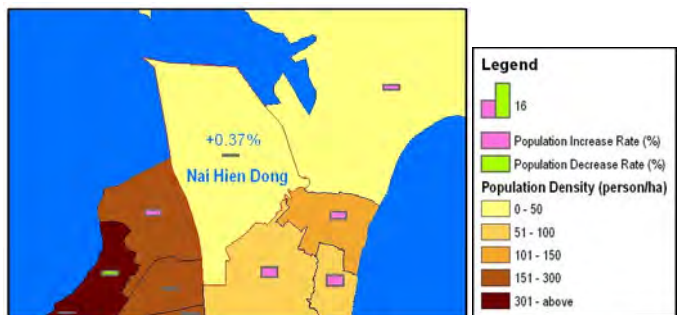
## Location



## FACT SHEET

Main Indicators		Value
Population	Population (2000)	14,476
	Population (2007)	14,856
	Average Population Growth Rate (00-07)	0.37
	Gross Population Density Ratio (no./ha)	35
	Net Population Density Ratio (no./ha)	46
Land	Total Area (ha)	420.00
	Net Area (ha) <sup>1</sup>	325.07
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	37 : 20 : 42
	Employment-Residence Ratio (%) <sup>2</sup>	0.63
	Enrolment-Residence Ratio (%) <sup>3</sup>	0.98
Household Information	Average Household Size	4.5
	Average Monthly Household Income (000VND)	2,739
	Poor Households (%)	21.7
	Households with Own Houses (%)	98.8
	Households with Cars/1-2 Motorcycles (%)	80.8
Transportation	Average Travel Time (excluding walking) (min.)	13.8
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	64.12
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	62.8
	Households with Internet Connection (%)	10.9
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	6
	Students (no.)	2,843
	Teachers (no.)	144

## Population



## Public Facilities



## Transportation

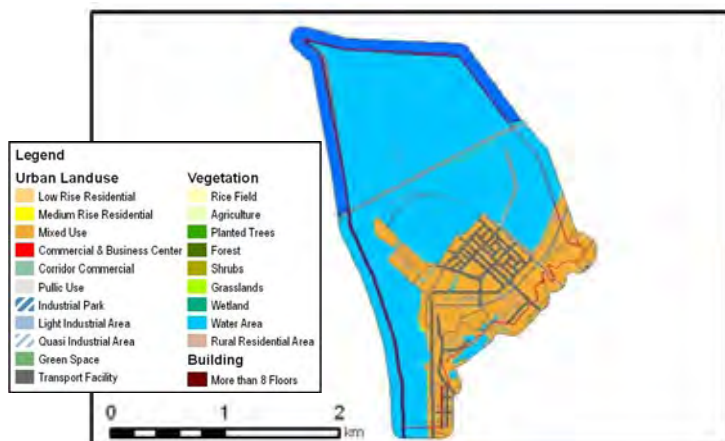


<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

## Land Use



## Urban Infrastructure





Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Nai Hien Dong Commune	ASSESSMENT			
		Nai Hien Dong Commune	Son Tra District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							<b>0.49</b>	<b>1</b>	<b>37</b>	<b>1</b>	<b>35</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.35	2	1	1	31
	Road Area Ratio (% per net area)	7.7	19.8	12.8	15.0	Traffic Situation	0.67	0	37	1	31
	To-work Travel Time (min.)	14.1	14.9	16.7	15.0	To-work Travel Time	0.33	2	10	1	46
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	243	543	450	250	Transportation Convenience	0.67	1	56	1	33
	# of TV Sets per 000 Population	252	407	323	300	Telecommunications	0.46	1	48	1	28
	# of Telephones per 000 Population	165	227	200	300	Telecommunications	0.46	0	47	1	28
							<b>0.44</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>12</b>
SAFETY & SECURITY	Police Service Coverage (%)	80.5	99.8	71.6	80.0	Safety and Security	0.57	2	35	1	19
	Flood Vulnerability (% of area)	41.7	38.7	25.7	10.0	Flooding	0.46	-2	41	1	19
	HHs with Permanent Housing (%)	95.2	98.9	98.4	100.0	Housing	0.52	1	50	1	12
	Traffic Injuries per 100,000 Population	573	1,306	1,480	700	Traffic Safety	0.22	-1	16	1	15
							<b>0.46</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>12</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	87.9	95.2	60.9	80.0	Water Supply	0.41	0	23	1	21
	HHs Covered by SW Collection Services (%)	100.0	96.3	80.2	90.0	Solid Waste Collection	0.46	2	1	1	21
	HHs with Sewerage Systems (%)	97.6	87.7	51.6	90.0	Drainage Conditions	0.49	2	2	1	26
	Hospitals per 000 Population	0.07	0.16	0.13	0.15	Access to Health Care	0.47	0	44	1	9
								<b>0.28</b>	<b>0</b>	<b>21</b>	<b>1</b>
AMENITY	Cultural Facilities per 000 Population	0.34	0.41	0.53	1.00	Access to Entertainment Facilities	0.16	-1	30	1	13
	Water Areas per 000 Population (ha)	4.32	1.25	5.52	10.00	Neighborhood Landscape	0.23	-1	20	1	7
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.17	-2	13	1	13
	Green Areas per 000 Population (ha)	15.40	0.01	298.66	300.00	Greenery	0.17	2	22	1	9
	Average Living Space per Capita (m <sup>2</sup> )	15.0	22.4	75.3	50.0	Housing Conditions	0.49	2	55	1	15
	Net Population Density (no./ha)	46	206	39	100	Peace and Order Situation	0.43	2	25	1	16
							<b>0.53</b>	<b>0</b>	<b>43</b>	<b>1</b>	<b>26</b>
CAPACITY	Average Annual Income (USD)	1,826	3,295	2,619	5,000	Housing	0.52	-1	47	1	12
	Motor Vehicle Ownership per 000 Population	243	543	450	250	Transportation Convenience	0.67	1	56	1	33
	Internet Connections per 000 Population	109	342	174	500	Telecommunications	0.46	0	36	1	28
	Mobile Phone Ownership per 000 Population	218	477	352	500	Telecommunications	0.46	0	48	1	28

**Overall Assessment**

**Objective Assessment Score: 0.38 (31/56)**

**Subjective Assessment Score: 0.44 (11/56)**

rank /  
commune

**Summary Diagnosis**

Overall Assessment: Objective scores are low compared to subjective scores for all indicators.

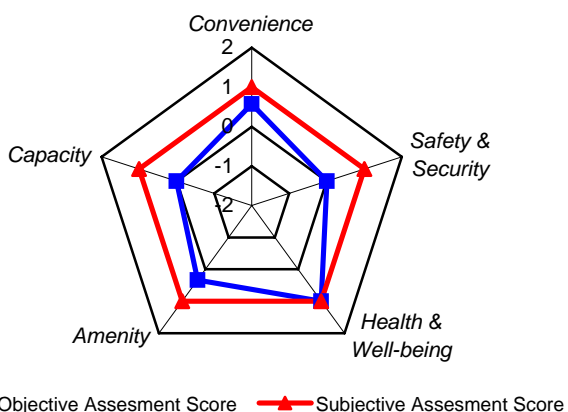
**Convenience**: Road area ratio is low. Motor vehicle ownership rate per 1000 population is the lowest in the city.

**Safety & Security**: More than 40% of the commune's area is vulnerable to floods. About 5% of the population in the commune live in temporary housing structures.

**Health & Well-being**: The people rate their access to health care as satisfactory, although the number of hospitals in the commune per 1000 population is lower than the city average.

**Amenity**: There is much greenery in the commune, and people are satisfied with this situation. On the other hand, cultural facilities within the commune are few.

**Capacity**: The average annual income is low, and fewer people own motor vehicles compared to other communes in the city.



# Commune: Phuoc My

## District: Son Tra

### Profile

Phuoc My commune faces the East Sea, and it has the My Khe Beach, a popular tourist spot in Danang. From 2000 to 2007, its population grew at a high annual rate of 4.2%, but population density is still not very high. Two water pumping stations are located in this commune. Many people commute to areas outside of the commune, but trips are not very far as shown by the average travel time of only 13.4 minutes.

### FACT SHEET

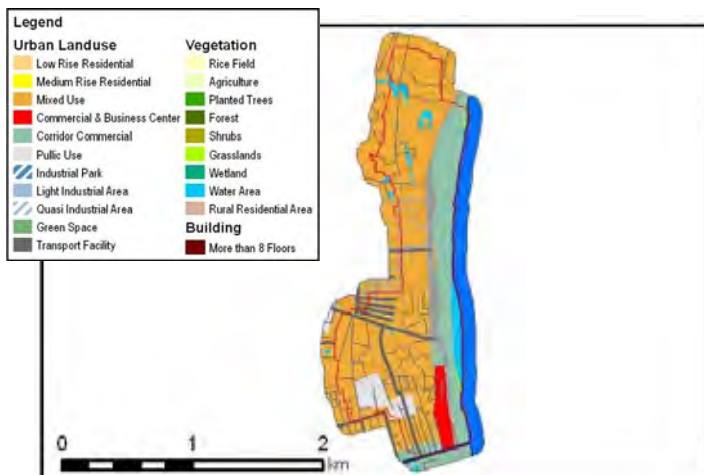
Main Indicators		Value
Population	Population (2000)	11,409
	Population (2007)	15,250
	Average Population Growth Rate (00-07)	4.23
	Gross Population Density Ratio (no./ha)	75
	Net Population Density Ratio (no. /ha)	87
Land	Total Area (ha)	204.00
	Net Area (ha) <sup>1</sup>	174.71
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	5 : 19 : 76
	Employment-Residence Ratio (%) <sup>2</sup>	0.60
	Enrolment-Residence Ratio (%) <sup>3</sup>	1.04
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	4,822
	Poor Households (%)	3.2
	Households with Own Houses (%)	96.8
	Households with Cars/1-2 Motorcycles (%)	99.0
Transportation	Average Travel Time (excluding walking) (min.)	13.4
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	0.06
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	92.5
	Households with Internet Connection (%)	18.1
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	6
	Students (no.)	1,801
	Teachers (no.)	108

<sup>1</sup>Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

<sup>2</sup>Measures the number of workers working in the area and workers living in the area.

<sup>3</sup>Measures the number of students studying in the area and students living in the area.

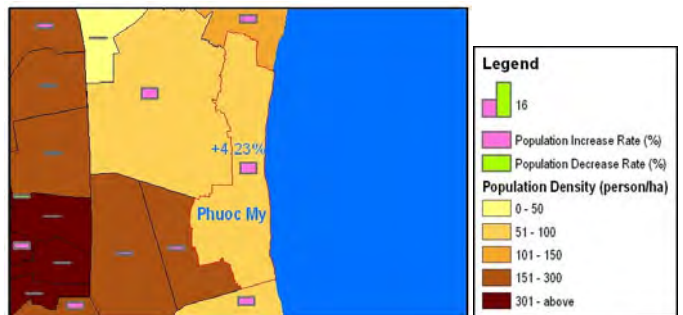
### Land Use



### Location



### Population



### Public Facilities



### Transportation



### Urban Infrastructure



Statistical Data on Current Condition	2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	Phuoc My Commune	ASSESSMENT			
	Phuoc My Commune	Son Tra District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
							<b>0.54</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>30</b>
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.13	2	1	1	47
	Road Area Ratio (% per net area)	17.8	19.8	12.8	15.0	Traffic Situation	0.76	2	15	1	20
	To-work Travel Time (min.)	13.7	14.9	16.7	15.0	To-work Travel Time	0.63	2	7	1	22
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	482	543	450	250	Transportation Convenience	0.79	2	19	1	19
	# of TV Sets per 000 Population	366	407	323	300	Telecommunications	0.46	2	14	1	29
	# of Telephones per 000 Population	235	227	200	300	Telecommunications	0.46	1	5	1	29
							<b>0.37</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>23</b>
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.43	2	11	1	37
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.35	2	1	1	30
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.29	2	1	1	39
	Traffic Injuries per 100,000 Population	612	1,306	1,480	700	Traffic Safety	0.43	-1	18	1	8
							<b>0.35</b>	<b>0</b>	<b>33</b>	<b>1</b>	<b>25</b>
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	63.9	95.2	60.9	80.0	Water Supply	0.34	-1	33	1	28
	HHs Covered by SW Collection Services (%)	97.9	96.3	80.2	90.0	Solid Waste Collection	0.32	2	21	1	35
	HHs with Sewerage Systems (%)	30.9	87.7	51.6	90.0	Drainage Conditions	0.44	-2	35	1	27
	Hospitals per 000 Population	0.07	0.16	0.13	0.15	Access to Health Care	0.29	0	46	1	18
								<b>0.06</b>	<b>0</b>	<b>28</b>	<b>0</b>
AMENITY	Cultural Facilities per 000 Population	0.39	0.41	0.53	1.00	Access to Entertainment Facilities	-0.31	0	28	-1	45
	Water Areas per 000 Population (ha)	0.00	1.25	5.52	10.00	Neighborhood Landscape	-0.09	-2	50	-1	45
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.24	-2	13	-1	38
	Green Areas per 000 Population (ha)	1.14	0.01	298.66	300.00	Greenery	-0.07	-2	28	-1	34
	Average Living Space per Capita (m <sup>2</sup> )	34.5	22.4	75.3	50.0	Housing Conditions	0.56	2	27	1	7
	Net Population Density (no./ha)	87	206	39	100	Peace and Order Situation	0.52	2	30	1	9
								<b>0.50</b>	<b>1</b>	<b>18</b>	<b>1</b>
CAPACITY	Average Annual Income (USD)	3,214	3,295	2,619	5,000	Housing	0.29	1	12	1	39
	Motor Vehicle Ownership per 000 Population	482	543	450	250	Transportation Convenience	0.79	2	19	1	19
	Internet Connections per 000 Population	181	342	174	500	Telecommunications	0.46	0	22	1	29
	Mobile Phone Ownership per 000 Population	428	477	352	500	Telecommunications	0.46	1	15	1	29

Overall Assessment

Objective Assessment Score: **0.59 (11/56)**  
 Subjective Assessment Score: **0.36 (32/56)**

rank /  
commune

Summary Diagnosis

Overall Assessment: The people are mostly satisfied with the health & well-being situation in the commune, but they feel that amenities can still be improved.

- Convenience**: Living in the commune is quite convenient, but the people expect better services.
- Safety & Security**: The commune is resilient to floods; however, some people are concerned about flooding, which may be related to the inadequacy of sewerage systems in the commune.
- Health & Well-being**: Piped water connectivon and sewerage system coverage are much lower than the district average.
- Amenity**: The people are satisfied with their housing conditions and with the peace & order situation. But the people expect better access to cultural facilities, water areas, parks / open spaces, and greeneries.
- Capacity**: All objective scores are better than the district average. Many people are, however, not satisfied with their housing conditions and telecommunication services.

