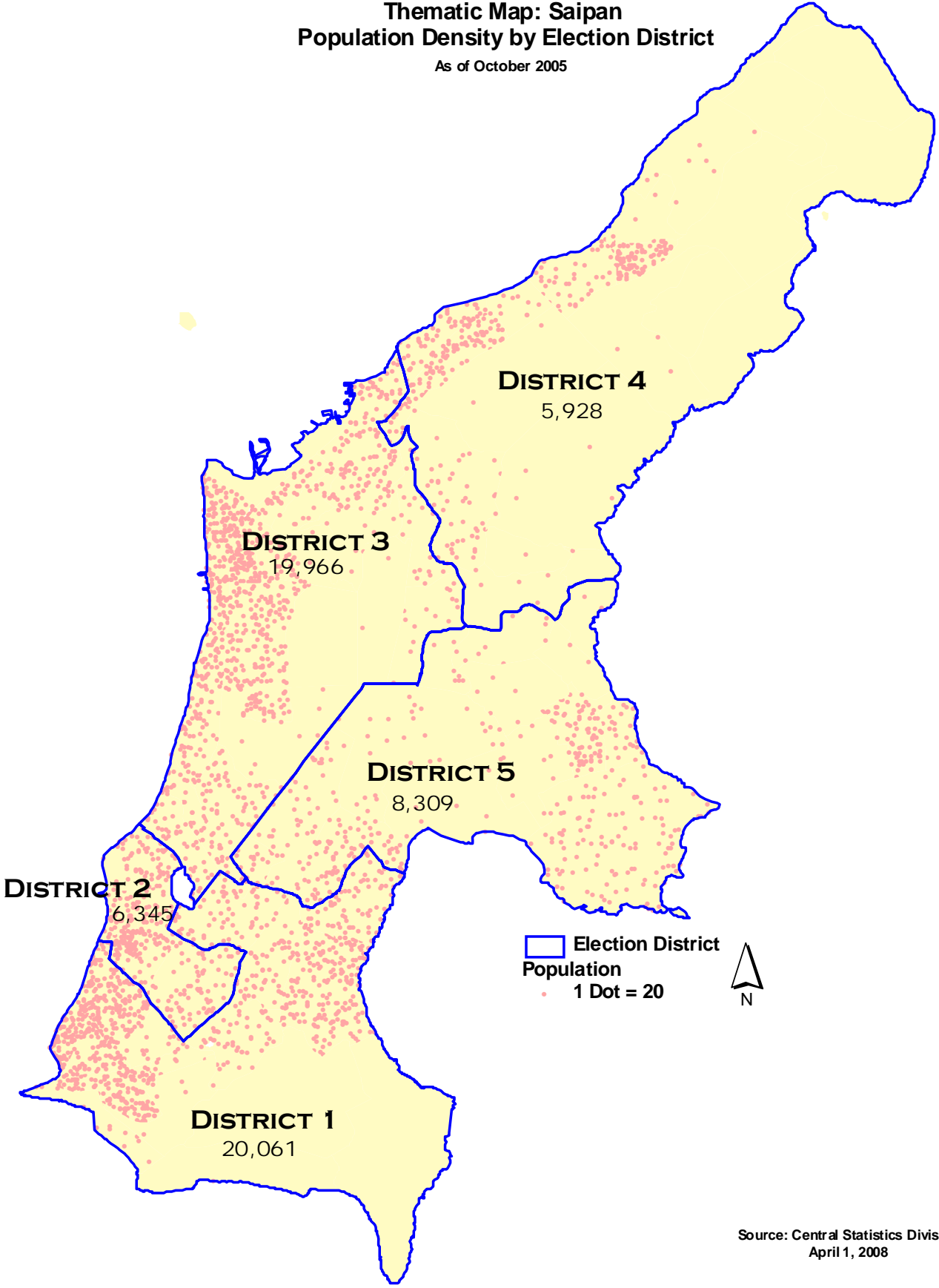


**Part I**

2005 Household, Income, and Expenditure Survey (HIES)  
Report Summary

**Thematic Map: Saipan  
Population Density by Election District**

As of October 2005



Source: Central Statistics Division  
April 1, 2008

## CNMI-Wide Population, Labor Force and Income Profile

### CNMI's General Population

**The Total Population** The estimated total population in the CNMI in October 2005 was 65,927. The estimated total population for the island of Saipan was 60,608, Tinian was 2,829, and Rota was 2,490.

**CNMI Population by 2007 Election Districts** Saipan Election Districts (ED) 1 and 3 each had about 30% of the CNMI's total population in 2005, followed by ED 5 (13%), ED 2 (10%) and ED 4 (9%). Election District 6 (island of Tinian) had just over 4% while ED 7 (island of Rota) had just fewer than 4% of the CNMI's total population at the time of the survey. See map of Saipan's population concentration on the opposite page for estimated population by EDs for the island of Saipan.<sup>1</sup>

**Median Age** The estimated median age for the entire CNMI population was 29.2 years of age.

**Age Distribution** Persons in age groups between 20 to 44 years of age made up a relatively larger proportion (48%) of the CNMI's total population than those below age 20 (32%) and those above 44 age groups (20%). This is primarily because of the large number of migrant workers in the CNMI who fall into ages 20 to 44.

**Sex Ratio** Total females (53%) outnumbered total males (47%) in the CNMI's total population. The sex ratio (male/female) was 87 males to every 100 females in the Commonwealth in 2005.

**Ethnicity**<sup>2</sup> The largest single ethnic group in the CNMI was Filipino at about 30% of the estimated total CNMI population in 2005, followed by Chamorro (23%) and Chinese (16%). The Carolinians were about 5% of the total population. Asians made up more than half (53%) of the CNMI's total population, Pacific Islanders about 37%, and Caucasian less than 2%. Multiple ethnic persons made up about 8% of the Commonwealth's total population.

**Citizenship** Just over half (50.3%) of the CNMI's total population were US citizens; while slightly less than half (49.7%) were non-US citizens. However, by gender, total male US citizens outnumbered total male non-US citizens, while total female non-US citizens outnumbered total female US citizens. This is mainly because of the large number of non-US citizen females who were working in the apparel industry at the time of the survey.

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<sup>1</sup> Population estimates are for the Year 2005, 4<sup>th</sup> Quarter. Election District (ED) Boundaries were created by Law in 2007.

<sup>2</sup> Percentages were calculated based on single ethnic and does not include mixed ethnic. Persons of mixed ethnic were counted together as multiple ethnic persons to avoid double counting.

***Migrant Population*** About 56% of CNMI's total population was born outside and migrated here, while 44% was born within the Commonwealth in 2005.

***Reason for Migrating into the CNMI*** Of the total migrants in the CNMI in 2005, 75% came for employment purpose. About 12% came as spouse, dependent, or family member of an employed person, 3% came as students, 5% came for visiting, and the rest came for reasons such as missionary, medical and other purposes.

***Length of Stay*** Of the total number of migrants in the Commonwealth, 44% have been in the CNMI less than five years, 16% have been here 5 to 9 years, 30% have been here 10 to 19 years, and about 10% have been here 20 or more years, during the survey period.

***Living Arrangement*** About 84% (55,175) of the total CNMI population lived in household units while 16% (10,739) lived in group quarters.

## CNMI's Labor Force Population

***Labor Force Participation Rate*** Of the estimated total 16 years and older persons (48,669) in the CNMI in 2005, 79% were in the labor force.

### The Employed Population

***CNMI's Employment Rate*** About 92% (or about 35,400) of the CNMI labor force was employed in 2005.

***Percentage of Total Employed by Citizenship*** About 78% of the CNMI's total employed persons were non-US citizens while 22 % were US citizens in 2005.

***Percentage of Total Employed by Ethnic Group*** Asians comprised 75% of the CNMI's total employed in 2005, Pacific islanders were about 21%, and Caucasians less than 2%. Filipinos (40%) were the largest single ethnic group, followed by Chinese (28%). Chamorros were 13%, Micronesians about 16%, and Carolinians were about 2%.

***Percentage of Total Employed by Industry*** The largest industry in the CNMI, in terms of number of workers, was the *apparel* manufacturing industry with about 31% of the CNMI's total employed persons in 2005. *Accommodation* industry was the second largest which employed 14%, followed by *public administration* which employed 9%, and *retail trade* with 7% of the CNMI's total employed population.

***Percentage of Total Employed by Class of Worker*** Over 79% of the total employed persons in the CNMI worked in the private sector, about 14% worked for the public sector, and less than 1% was self-employed.

### The Unemployed Population

***CNMI Unemployment Rate*** About 8% (or about 3,200) of the CNMI's total labor force population was unemployed in 2005.

***Percentage of Total Unemployed by Citizenship*** Of the total unemployed, 68% were US citizens while 32% were non-US citizens. Persons born in the CNMI were about 56% of the CNMI's total unemployed population in 2005.

***Percentage of Total Unemployed by Ethnicity*** Chamorros were 35% of the CNMI's total unemployed, Asians were 24%, Micronesians were 16%, and Carolinians were 15%. Multiple ethnics made up about 8% of the CNMI's total unemployed population in 2005.

### CNMI's Income

#### CNMI's Household Income

***Household Income Distribution*** Over 16,000 households in the CNMI reported household income in 2004. About 28% of these had household income less than \$10,000; 29% had household income of \$10,000 or more, but less than \$20,000; about 13% had household income of \$20,000 or more, but less than \$30,000; 20% had income of \$30,000 or more, but less than \$60,000; and 10% had household income of \$60,000 or more.

***The Median Household Income*** in the CNMI in 2004 was \$17,138.

***The Mean Household Income*** in the CNMI in 2004 was \$25,172.

#### CNMI's Family Income

***Family Income Distribution*** An estimated 11,500 families in the CNMI reported family income in 2004. About 23% of these had family income of less than \$10,000; 28% had family income of \$10,000 or more, but less than \$20,000; 13% had family income of \$20,000 or more, but less than \$30,000; 11% had family income of \$30,000 or more, but less than \$40,000; 13% had family income of \$40,000 or more, but less than \$60,000; and 12% had family income of \$60,000 or more.

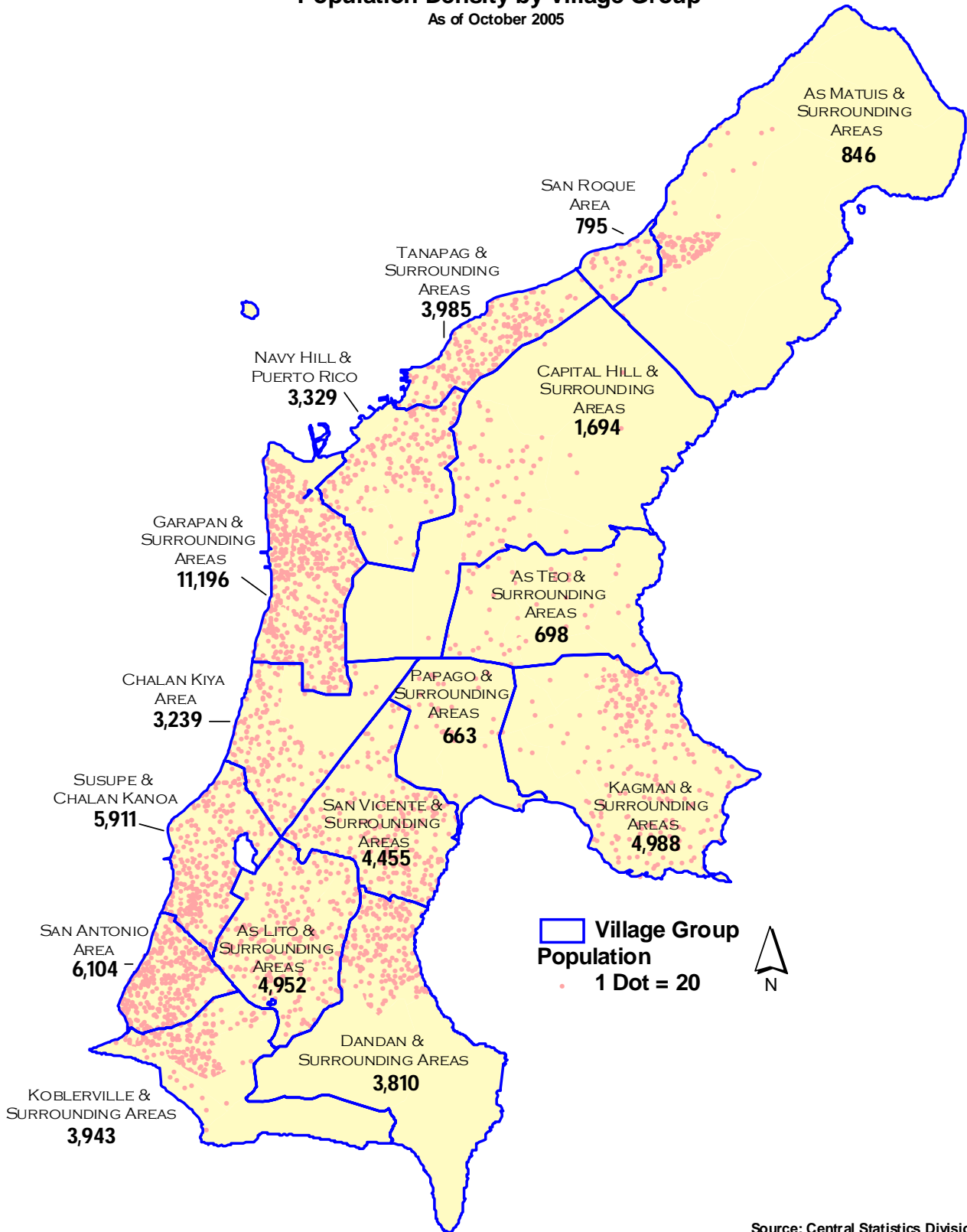
***The Median Family Income*** in the CNMI in 2004 was \$19,625.

***The Mean Family Income*** in the CNMI in 2004 was \$28,461.

#### CNMI's Per Capita Income

***Per Capita Income*** in the CNMI in 2004 was \$6,178.

**Thematic Map: Saipan  
Population Density by Village Group**  
As of October 2005



Source: Central Statistics Division  
April 1, 2008

# Saipan's Population, Labor Force, and Income Profile

## Saipan's General Population

***Saipan's Total Population*** The estimated total population for the island of Saipan was 60,608. Saipan's population was 92% of the CNMI's total population in 2005.

***Saipan's Population by Village Group*** Garapan and surrounding areas had the largest percentage share (about 16%) of Saipan's total population, followed by San Antonio and surrounding areas (10%). Papago and surrounding areas had the least share (1%) of Saipan's total population. See map of Saipan's population concentration on the opposite page for estimated population by village group in 2005.

***Median Age in Saipan*** The estimated median age for the island of Saipan's population was 29.4 years in 2005. The median age for Saipan is very close to that of the CNMI's population's median age. Because Saipan's population was 92% of the total CNMI population, Saipan's population characteristics—including age—have much greater influence on the population characteristics for the CNMI as a whole.

***Age Distribution in Saipan*** Persons in age groups between 20 to 44 years of age made up a relatively larger proportion (48%) of Saipan's total population than those below 20 years of age (32%) and those above 44 years of age (20%). This is mainly because of the large number of migrant workers in Saipan who fall into ages 20 to 44 in 2005.

***Sex Ratio in Saipan*** Total females outnumbered total males in Saipan: 54% of Saipan's total population was female while 46% was male. The sex ratio (male/female) was 86 males to every 100 females in Saipan in 2005.

***Saipan's Population by Ethnic Group*** The largest single ethnic group in Saipan, in 2005, was Filipino at about 31% of Saipan's total population, followed by Chamorro (20%), and Chinese (16%). The Carolinians were about 6% of the Saipan's population. Asians made up more than half (54%) of Saipan's total population, Pacific Islanders about 36%, and Caucasian less than 2%. Multiple ethnic persons made up about 9% of Saipan's total population.

***Saipan's Population by Citizenship*** Slightly less than half (49%) of Saipan's total population were US citizens; while just over half (51%) were non-US citizens. Temporary non-US citizens comprised 38% of Saipan's total population in 2005.

***Saipan's Migrant Population*** About 57 percent of Saipan's total population was born outside the Commonwealth and migrated to Saipan, while 43 percent was born within the CNMI, at the time of the Survey.

***Reason for Migrating to Saipan*** Of the total migrants in Saipan in 2005, 75% came for employment purposes. About 12% came as spouse, dependent, or family member of an

employed person, 3% came as students, 5% came for visiting, and the rest came in for reasons such as missionary, medical and other purposes.

***Length of Stay in Saipan*** Of the total migrants in Saipan in 2005, 44% have been in Saipan less than five years, 16% have been here 5 to 9 years, 31% have been here 10 to 19 years, and about 10% have been here 20 or more years.

***Living Arrangement in Saipan*** About 83% of Saipan's population lived in household units while 17% lived in group quarters in 2005.

## Saipan's Labor Force Population

***Saipan's Labor Force Participation Rate*** Of the estimated total 16 years and older persons (44,743) in Saipan in 2005, 79% were in the labor force.

### Saipan's Employed Population

***Saipan's Employment Rate*** About 92% (or about 35,500) of Saipan's labor force was employed in 2005.

***Percentage of Saipan's Total Employed by Citizenship*** Over 79% of the total employed persons in Saipan were non-US citizens while about 21 % were US citizens in 2005. About 65% of Saipan's employed population was temporary non-US residents.

***Percentage of Saipan's Total Employed by Ethnic Group*** Asians comprised over 76% of Saipan's total employed, Pacific islanders made up close to 20% while Caucasians were less than 2%. Chamorros were 12%, Micronesians about 6%, and Carolinians were about 2% of total employed in 2005.

***Percentage of Saipan's Total Employed by Industry*** The largest industry in Saipan, by number of workers, was the *apparel* manufacturing industry with about 33% of Saipan's total employed population in 2005. *Accommodation* industry was the second largest which employed 13%, followed by *public administration* which employed over 8%, and *retail trade* with close to 8% of the CNMI's total employed population.

***Percentage of Saipan's Total Employed by Class of Worker*** Eighty six percent (86%) of Saipan's total employed population worked in the private sector, about 13% worked for the public sector, and less than 1% was self-employed in 2005.

### Saipan's Unemployed Population

***Saipan Unemployment Rate*** Close to 8% (or about 2,700) of the Saipan's total labor force was unemployed in 2005.

***Percentage of Saipan's Total Unemployed by Citizenship*** Of the total Saipan unemployed population, 66% were US citizens while 34% were non-US citizens. Persons



born in the CNMI made up 53% of Saipan's total unemployed. Temporary non-US citizens were about 18%.

***Percentage of Saipan's Total Unemployed by Ethnic Group*** Chamorros were 30% of Saipan's unemployed population in 2005, Asians were 25%, Micronesians were 18%, and Carolinians were 17%. Multiple ethnics made up about 8% of the total unemployed in Saipan in 2005.

## Saipan's Income

### Saipan's Household Income

***Household Income Distribution*** Over 14,000 households in Saipan reported household income in 2004. About 29% of these had household income less than \$10,000; 30% had household income of \$10,000 or more, but less than \$20,000; about 13% had household income of \$20,000 or more, but less than \$30,000; 19% had income of \$30,000 or more, but less than \$60,000; and close to 10% had household income of \$60,000 or more.

***The Median Household Income*** in Saipan in 2004 was \$16,835.

***The Mean Household Income*** in Saipan in 2004 was \$24,629.

### Saipan's Family Income

***Family Income Distribution*** An estimated 10,500 families in Saipan reported family income in 2004. About 23% of these had family income of less than \$10,000; 30% had family income of \$10,000 or more, but less than \$20,000; 13% had family income of \$20,000 or more, but less than \$30,000; 11% had family income of \$30,000 or more, but less than \$40,000; and almost 12% had family income of \$40,000 or more, but less than \$60,000; and 12% had family income of \$60,000 or more.

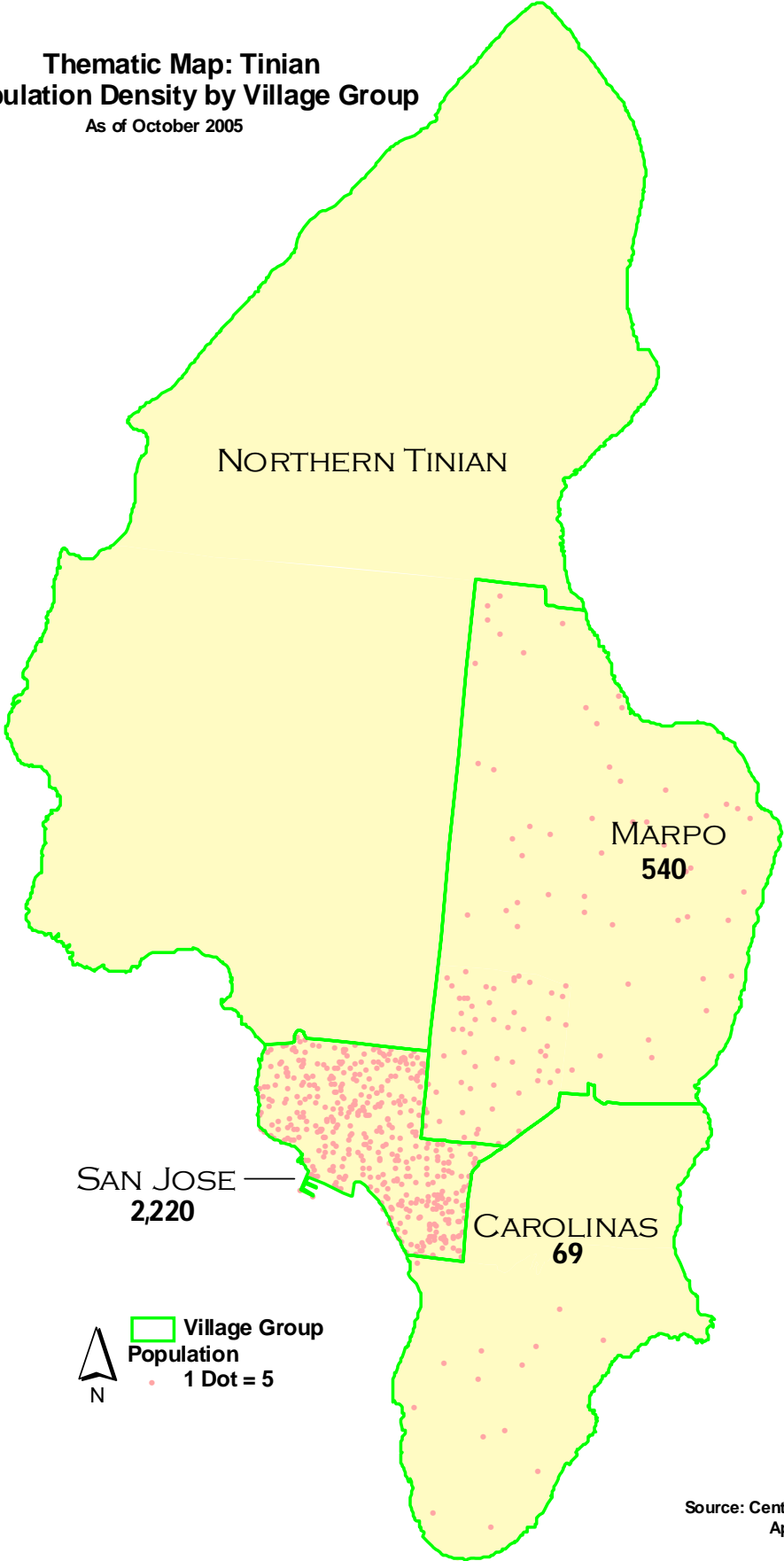
***The Median Family Income*** in Saipan in 2004 was \$19,174.

***The Mean Family Income*** in Saipan in 2004 was \$27,933.

### Saipan's Per Capita Income

***Per Capita Income*** in Saipan in 2004 was \$6,017.

**Thematic Map: Tinian  
Population Density by Village Group**  
As of October 2005



Source: Central Statistics Division  
April 1, 2008

## Tinian's Population, Labor Force and Income Profile

### Tinian's General Population

***Tinian's Total Population*** The estimated total population for Tinian was 2,829. Tinian's population was just over 4% of the CNMI's total population in 2005.

***Tinian's Population by Village Group*** The village of San Jose in Tinian had about 76% of Tinian's total population in 2005. Marpo had about 20%, while Carolinas had less than 3% of Tinian's total population at the time of the survey. See map of Tinian's population concentration on the opposite page for estimated population by village group for Tinian in 2005.

***Median Age in Tinian*** The estimated median age for the island of Tinian's population was 32.2 years, highest among the three islands and higher than CNMI-wide median age.

***Age Distribution in Tinian*** Persons in age groups between 20 to 44 years of age comprised more than half (53%) of Tinian's total population. Those below 20 years of age were 28% and those above 44 years of age were 19% of Tinian's total population. Like in Saipan, this was mainly because of the large number of migrant workers in Tinian who fall into ages 20 to 44, at the time of the survey.

***Sex Ratio in Tinian*** In Tinian, unlike in Saipan, total males, which was 53% of Tinian's total population, outnumbered total females (47%). The sex ratio (male/female) was 113 males to every 100 females in Tinian in 2005.

***Tinian's Population by Ethnic Group*** The largest single ethnic group in Tinian was Chamorro which was 44% of Tinian's total population in 2005, followed by Filipino (32%), and Chinese (9%). Asians made up almost half (49%) of Tinian's total population, Pacific Islanders about 45%, and Caucasian 1%. Multiple ethnic persons made up almost 5% of Tinian's total population in 2005.

***Tinian's Population by Citizenship*** More than half (55%) of Tinian's total population was US citizens; while 45% was non-US citizens in 2005. Temporary non-US citizens comprised 42% of Tinian's total population in 2005. Persons born in the CNMI were 46% of Tinian's total population at the time of the survey.

***Tinian's Migrant Population*** About 54 percent of Tinian's total population was born outside the CNMI and migrated to Tinian, while 46 percent was born within the CNMI, at the time of the Survey.

***Reason for Migrating to Tinian*** Of the total migrants in Tinian in 2005, 84% came for employment purpose. About 7% came as spouse, dependent, or family member of an employed person, 3% came as students, 1% came for visiting, and the rest came for reasons such as missionary, medical and other purposes.

***Length of Stay in Tinian*** Of those who migrated to Tinian, 46% have been in Tinian less than five years, 25% have been there 5 to 9 years, 22% have been there 10 to 19 years, and 7% have been there 20 or more years during the survey period.

***Living Arrangement in Tinian*** About 80% of Tinian's population lived in household units while 20% lived in group quarters in 2005.

## Tinian's Labor Force Population

***Tinian's Labor Force Participation Rate*** Of the estimated total 16 years and older persons (2,197) in Tinian in 2005, 89% was in the labor force.

### Tinian's Employed Population

***Tinian's Employment Rate*** Eighty three percent (83%, about 1,600) of Tinian's labor force was employed in 2005.

***Percentage of Tinian's Total Employed by Citizenship*** About 71% of Tinian's total employed persons were non-US citizens while about 29% were US citizens in 2005. About 68% of Tinian's total employed population was temporary non-US citizens.

***Percentage of Tinian's Total Employed by Ethnic Group*** Asians comprised about 71% of Tinian's total employed population while Pacific islanders made up 27% in 2005. Filipino, at 42%, was the largest single ethnic group in Tinian's total employed population; Chamorro was second at 26%, followed by Chinese (15%).

***Percentage of Tinian's Total Employed by Industry*** The largest industry in Tinian, by number of workers, was the *accommodation* industry with about 38% of Tinian's total employed population in 2005. *Public Administration* was the second largest sector employing almost 17%, followed by *other services* with 11%.

***Percentage of Tinian's Total Employed by Class of Worker*** Seventy four percent (74%) of Tinian's total employed population was employed in the private sector, about 26% worked for the public sector in 2005.

### Tinian's Unemployed Population

***Tinian's Unemployment Rate*** Seventeen percent (17%, about 330) of Tinian's total labor force was unemployed in 2005.

***Percentage of Tinian's Total Unemployed by Citizenship*** Of the total unemployed population in Tinian in 2005, 80% were US citizens while 20% were non-US citizens. Persons born in the CNMI made up 71%, while temporary non-US citizens were about 18% of Tinian's total unemployed population.

***Percentage of Tinian's Total Unemployed by Ethnic Group*** Chamorros were 75% of Tinian's unemployed population in 2005; Asians were 22%; and multiple ethnics were 4%.

## Tinian's Income

### Tinian's Household Income

***Household Income Distribution*** Over 650 households in Tinian reported household income in 2004. Twenty two percent (22%) of these had household income less than \$10,000; 26% had household income of \$10,000 or more, but less than \$20,000; about 11% had household income of \$20,000 or more, but less than \$30,000; 27% had income of \$40,000 or more, but less than \$60,000; and 14% had household income of \$60,000 or more.

***The Median Household Income*** in Tinian in 2004 was \$21,538.

***The Mean Household Income*** in Tinian in 2004 was \$32,318.

### Tinian's Family Income

***Family Income Distribution*** An estimated 463 families in Tinian reported family income in 2004. Almost 20% of these had family income of less than \$10,000; 18% had family income of \$10,000 or more, but less than \$20,000; close to 15% had family income of \$20,000 or more, but less than \$30,000; 8% had family income of \$30,000 or more, but less than \$40,000; and 23% had family income of \$40,000 or more, but less than \$60,000; and 15% had family income of \$60,000 or more.

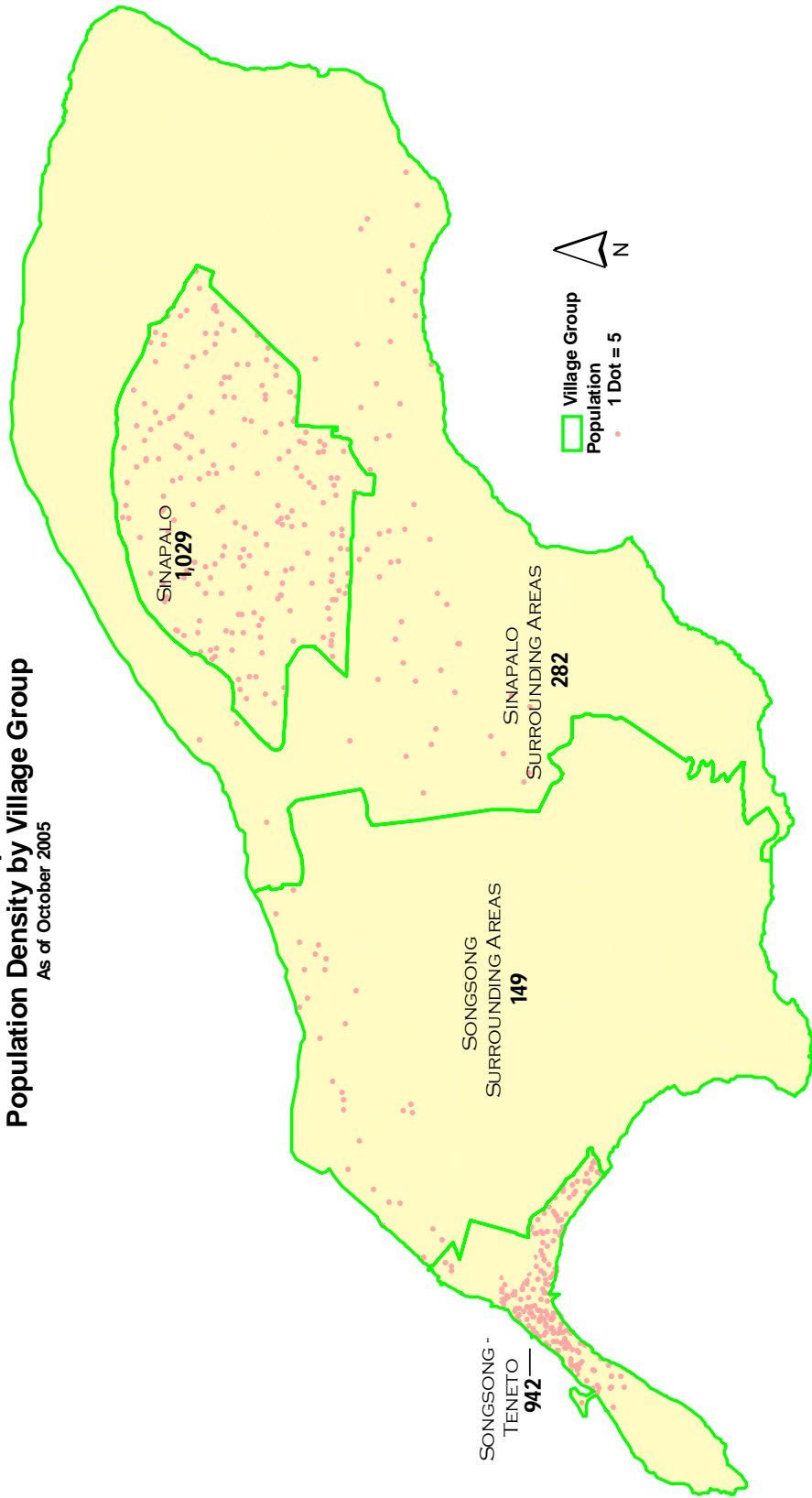
***The Median Family Income*** in Tinian in 2004 was \$26,630.

***The Mean Family Income*** in Tinian in 2004 was \$35,352.

### Tinian's Per Capita Income

***Per Capita Income*** in Tinian in 2004 was \$7,494

**Thematic Map: Rota**  
**Population Density by Village Group**  
As of October 2005



Source: Central Statistics Division  
April 1, 2008

## Rota's Population, Labor Force and Income Profile

### Rota's General Population

**Rota's Total Population** The estimated total population for the island of Rota was 2,490. Rota's population was just under 4% of the CNMI total population in 2005.

**Rota's Population by Village Group** Sinapalo village in Rota had 47% of Rota's total population in 2005; Songsong village had 33%; and Teneto had 10%. See map of Rota's population concentration on the opposite page for estimated population by village group for Rota in 2005.

**Median Age in Rota** The estimated median age in Rota's population was 31.9 years old in 2005, which was slightly lower than Tinian's but higher than Saipan's.

**Age Distribution in Rota** Persons in age groups between 20 to 44 years of age was the same percentage (38%) as those in age groups below 20 (38%) of Tinian's total population. Those above 44 years of age were 20% of Tinian's total population in 2005.

**Sex Ratio in Rota** In Rota, total males was 51% of the island's total population, just slightly more than total females (49%). The sex ratio (male/female) was 104 males to every 100 females in Rota in 2005.

**Rota's Population by Ethnic Group** The largest single ethnic group in Rota, in 2005, was Chamorro at 65% of Rota's total population, followed by Filipino (22%). Asians made up about 25% of Rota's total population, Pacific Islanders about 67% and Caucasian just over 1%. Multiple ethnic persons made up 7% of Rota's total population.

**Rota's Population by Citizenship** Seventy seven percent (77%) of Rota's total population was US citizens, while only 23% was non-US citizens. Persons born in the CNMI were 68% of Rota's total population while temporary non-US citizens comprised 18% of Rota's total population in 2005.

**Rota's Migrant Population** Unlike in Saipan and in Tinian, in Rota, less than half (32%) of the island's total population was born outside the CNMI and migrated to Rota, while a big majority (68%) was born within the CNMI, at the time of the Survey.

**Reason for Migrating to Rota** Of the total migrants in Rota in 2005, 72% came for employment purpose. About 11% came to Rota as spouse, dependent, or family member of an employed person, 3% came as students, 3% came for visiting, and the rest came for reasons such as missionary, medical and other purposes.

**Length of Stay in Rota** Of the total migrant population in Rota in 2005, 39% have been in Rota less than five years, 15% have been there 5 to 9 years, 37% have been there 10 to 19 years, and 9% have been there 20 or more years.

***Living Arrangement in Rota*** Ninety six percent (96%) of Rota's population lived in household units while 4% lived in group quarters in 2005.

## Rota's Labor Force Population

***Rota's Labor Force Participation Rate*** Of the estimated total 16 years and older persons (1,729) in Rota in 2005, 63% was in the labor force, which was the lowest of the three islands.

### Rota's Employed Population

***Rota's Employment Rate*** About 90% (about 980) of Rota's labor force was employed in 2005.

***Percentage of Rota's Total Employed by Citizenship*** Unlike in Saipan and in Tinian, less than half, about 49%, of the Rota's total employed population was non-US citizens while about 51% was US citizens in 2005. Forty one percent (41%) of Rota's total employed population was temporary non-US citizens, while 42 percent was born in the CNMI.

***Percentage of Rota's Total Employed by Ethnic Group*** Asians comprised 50% of Rota's total employed population while Pacific islanders made up 49%. Chamorro, at 48%, was the largest single ethnic group in Rota's total employed population, followed by Filipino (44%), then Bangladeshi and Japanese each at 2%. Multiple ethnic group was less than 1% of Rota's total employed population in 2005.

***Percentage of Rota's Total Employed by Industry*** The largest industry in Rota, by number of workers, was the *public administration* with about 36% of Rota's total employed population in 2005. *Arts, entertainment, and recreation* was the second largest with 12%, followed by *education services* (11%), and *accommodations* (10%).

***Percentage of Rota's Total Employed by Class of Worker*** About 49% of Rota's total employed population was employed in the private sector, just over half (51%) worked for the public sector in 2005.

### Rota's Unemployed Population

***Rota's Unemployment Rate*** Ten percent (10%, about 110) of Rota's total labor force was unemployed in 2005.

***Percentage of Rota's Total Unemployed by Citizenship*** Of the total unemployed population in Rota in 2005, 89% was US citizens while 11% was non-US citizens. Persons born in the CNMI made up 71%, while temporary non-US citizens were about 6% of Rota's total unemployed population.



***Percentage of Rota's Total Unemployed by Ethnic Group*** Chamorro was about 66% of Rota's unemployed population in 2005; Filipino was about 12%; and multiple ethnic group was also about 12% in 2005.

## Rota's Income

### Rota's Household Income

***Household Income Distribution*** About 700 households in Rota reported household income in 2004. Twenty one percent (21%) of these had household income less than \$10,000; 23% had household income of \$10,000 or more, but less than \$20,000; about 17% had household income of \$20,000 or more, but less than \$30,000; 24% had income of \$30,000 or more, but less than \$60,000; and 14% had household income of \$60,000 or more.

***The Median Household Income*** in Rota in 2004 was \$22,270.

***The Mean Household Income*** in Rota in 2004 was \$29,839.

### Rota's Family Income

***Family Income Distribution*** An estimated 565 families in Rota reported family income in 2004. About 17% of these had family income of less than \$10,000; 22% had family income of \$10,000 or more, but less than \$20,000; 15% had family income of \$20,000 or more, but less than \$30,000; 13% had family income of \$30,000 or more, but less than \$40,000; 18% had family income of \$40,000 or more, but less than \$60,000; and 15% had income of \$60,000 or more.

***The Median Family Income*** in Rota in 2004 was \$24,514.

***The Mean Family Income*** in Rota in 2004 was \$32,583.

### Rota's Per Capita Income

***Per Capita Income*** in Rota in 2004 was \$8,592