



2016

Commonwealth of the
Northern Mariana Islands
Household Income and
Expenditures Survey (HIES)
Report

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Department of Commerce
Central Statistics Division

PREFACE

This publication presents the results of the 2016 Household, Income and Expenditures Survey (HIES). It also provides some demographic trend analysis on selected key data points on the CNMI population characteristics between the 2016 and the 2005 (HIES). The report is organized into several parts with a table of contents for your easy reference.

Part I – The Introductory Section

This section gives the Methodology used for the survey with a brief explanation of the Survey Instruments (Questionnaire & Daily Diary). This section also explains the Field Operations and Data Collection procedures. Additionally, this section also gives additional information on data processing, tabulation, a brief overview of the survey sample universe and how the survey weights were derived.

Part II – The Analysis Section

This section provides the analysis of various key population variables by Island, Villages and by Election Districts. Short written texts with tables, charts and graphs are provided for each part that covers the population, housing, expenditures and the daily diary records of 2016 HIES. Some trends and comparisons are also provided for selected key population characteristic between the 2005 HIES and the recently concluded 2016 HIES.

Part III – Appendix

This section provides tables generated from the 2016 HIES results – the tables cover a wide range of variables on population and housing. Thematic maps by Island and Election Districts are also provided for some key population data. A copy of the survey questionnaire and the daily diary is also provided in the appendix for easy reference.



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The previous Household, Income and Expenditures Survey (HIES) was conducted in the latter part of 2005. Therefore, this report contains key demographic analysis and trends between the 2005HIES and the recently concluded 2016 HIES. The instrument used and almost all the questions asked in both surveys are identical allowing for a better time series analysis.

I am most grateful for the Technical Assistance Program funding that the US Department of the Interior's Office of Insular Affairs (OIA) in making this survey possible. The funding source that funded the initial survey instrument testing that was done in 2015, followed by the actual survey activities that included data collection, data coding and entry, data processing, data analysis including report writing and Consumer Price Index (CPI) revision work.

I want to thank Dr. Michael J. Levin for his expertise and technical assistance in all facets of this project, including his diligent efforts in mining out useful and interesting demographic data from previously completed 2005 HIES to be used in this report.

I also want to make a couple of honorable mentions; the department's IT section manager Mr. Tom Torres for his untiring assistance on days when our computers seem to be having a bad day. Mr. Fermin Sakisat, one of my Central Statistics Division staff, for his technical expertise on the final formatting of the report. Former Central Statistics Division (CSD) Acting Director Mr. Alfonis M. Sound for assisting in securing funding for this project and former CSD staff Mr. Vincent Sablan for his assistance in the initial project set up to which, I want to relay my appreciation and wish them both success in their respective endeavors.

A huge thank you to my Central Statistics Division staff who worked hard to overcome challenges they faced to accomplish one of the toughest household surveys to be conducted. Additionally, I also would like to recognize our Resident Commerce office, Directors and staff on the islands of Rota and Tinian for their collaborative efforts. A huge thank you also goes to our data clerks who coded and keyed all the survey data into the computers and to all our enumerators on Saipan, Rota and Tinian for their perseverance and hard work in the field. Without their diligence and hard work in ensuring that quality data is collected and submitted, this report would not have yielded useful results – Thank you!!

I also want to extend my gratitude and appreciation to the Administration and the key agencies and their staff for their support and collective efforts in ensuring that our survey personnel are hired in a timely manner and are continuously paid.

Lastly, a very special mention and acknowledgement is due to all our survey respondents on Saipan, Rota and Tinian – Thank you so much for welcoming our 2016 HIES enumerators into your homes and taking the time out of your busy schedules to provide the data needed for this important survey.


Mark O. Rabauliman
Secretary, CNMI Department of Commerce

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INTRODUCTION

The 2016 Commonwealth of the Northern Mariana Islands Household Income and Expenditure Survey (HIES) report presents current information on demographic, social and economic characteristics of the Commonwealth of the Northern Mariana Islands (CNMI) population as well as some key expenditure details of what families and residents spent their money on. The survey results will provide our government decision makers as well as our business community leaders the tools they will need to make sound policy decisions. The survey will also allow our leaders to be able to have a better assessment of our communities and the CNMI population from a treasure trove of data points. The 2016 HIES is the third survey of the expenditure series since the first one in 1998. The main objectives of the survey are:

- To provide new expenditure weights, identify items for a “basket of goods and services,” determine where people purchase goods and services, and other useful expenditure details for the revision of the Commonwealth of the Northern Mariana Islands Consumer Price Index.
- To supplement personal consumption expenditure in compilation of National Accounts and Gross Domestic Products.
- To obtain selective eating habits and nutritional intakes of residents.
- To provide population count, population characteristics on labor force, income, employment and other key population and housing characteristics needed for policy making decisions.

The survey was funded with a technical assistance grant from the U.S. Department of the Interior’s Office of Insular Affairs (OIA). OIA funded simultaneous grants to the Commonwealth of the Northern Mariana Islands, American Samoa and the Virgin Islands for this round of HIES surveys as they did for the 1998 and 2005 rounds. These grants provide funding to produce individual market baskets and Consumer Price Indexes (CPIs) as well as allowing for comparability across the U.S. Insular Areas as well as with the U.S. itself.

SURVEY METHODOLOGY

The Department of Commerce, Central Statistics Division updated its Survey Maps and Housing Address Registers in 2014 and that was used as the sample frame for the 2016 HIES. A 10% of all occupied housing units on Saipan was selected for Saipan, and 20% of all occupied housing units on Rota and Tinian was selected for Rota and Tinian. The households to be interviewed were selected with equal probability from the household list on each island using systematic random sampling technique. A substitute list of housing units was also selected using the random sampling technique for each of the islands. The substitute housing units were for housing units that were found to be vacant, have been converted to business or were no longer exist. As is done in previous HIES, both a diary and a household questionnaire were used in the survey to gather household income and expenditures data. The diary portion of the survey was left with each of the interviewed households for two weeks.

SURVEY INSTRUMENTS

The 2016 HIES questionnaires resembled the questionnaires developed for the 1998 and 2005 Household Income and Expenditures Surveys (HIES). Similar questionnaires have been administered in the United States Virgin Islands, in American Samoa and in Guam. Two questionnaires were used:

- (1) A “regular” Questionnaire that had items for housing, population, and regular and annual expenditures; and,
- (2) A Daily Diary for all members of the household to record their daily expenditures on food, entertainment, and other items for a two-week period.

Most of the expenditures items were the same as in the 2005 HIES, and so were brought up to date. Mr. Brian Hannon, a Survey Statistician and a Consumer Price Index expert, contributed to the survey instrument by providing new items and their codes which were used for the CPI part of the project.

The survey used Census Bureau conventions, as have all surveys since the 1980s in Commonwealth of the Northern Mariana Islands. Each enumerator had a booklet of Enumerator Instructions which outlined the procedures – how to find the units, how to introduce themselves, how to work in difficult situations, and so forth. They also carried a Questionnaire Reference Book (QRB) which covered each question on both forms – how to ask the question, what the information is used for, special cases and potential problems.

Each enumerator also carried assigned Map sets and Address Registers with the listing of the housing units that were selected to be enumerated in the survey area. Enumerators use this map set and the front portion of the questionnaire to track and make notes of their visits, including any problems encountered that might require supervisor’s assistance. They also carried forms called “Sorry we missed you” if no one was at home so the respondent could call in to set up a time for the initial enumeration. Another form was the Individual Survey Form to be used when one person was away from the house at the time of enumeration which the enumerator would collect later. They carried a document that explained the confidentiality of the survey to the respondents as well as a letter from the department head that explains the purpose of the survey. And, finally they carried a Refusal form to be filled when the respondents refused to be enumerated.

Each household received a diary when the first visit was completed, and the enumerator returns at the end of 2 weeks to pick it up.

To make sure all enumerators on Saipan, Rota and Tinian were trained exactly same and to be consistent with U.S. Census Bureau standards and procedures, a Guide for Training Enumerators was prepared based on the previous HIES, but updated for current changes in the expenditures. The Guide was developed to be read verbatim at all training sites to keep consistency among the enumerators and supervisors.

FIELD OPERATIONS

Working closely between senior CSD staff and Dr. Michael Levin, appropriate sample was determined and selected for Saipan, Rota and Tinian. Enumerators on the 3 islands were recruited and hired as well as the data clerks who were to check, code and key completed questionnaires into the database. Field Operations Supervisors (FOS) for Rota and Tinian and an Office Supervisor for the Saipan main office were also hired.

Data collection for Rota and Tinian was coordinated and collaborated with the Department of Commerce offices on the respective islands. The Resident Directors on Rota and Tinian helped recruit enumerators and field supervisors. Applications were sent to the CSD office in Saipan for hiring process.

Training workshops were held separately on each island for data collectors and Field Operations Supervisors on Rota and Tinian; however, in Saipan, enumerators, data clerks and the Office Supervisor were trained at the same time. A verbatim training technique was used to ensure standardization and understanding of survey procedures while providing necessary survey manuals to all survey staff. The purpose of these workshops was to ensure uniformity in data collection procedures. Each interviewer was required to make a minimum of three callbacks if no suitable informant was available for the household interview at the time of the interviewer's visit.

The FOS on Rota and Tinian were responsible for the overall management of their respective field teams. The main responsibility of the FOS was to review questionnaires for completeness, consistency, legibility of the information collected and to ensure that all necessary corrections and clarifications were made while still in the field. An additional duty of the FOS was to observe ongoing interviews and verify the accuracy of the method of asking questions, recording answers, and following skip instructions on the questionnaires. The FOS also applied quality assurances procedures by conducting spot checks to verify the accuracy of the collected information.

On Saipan where FOS's were not hired, the Office Supervisor performed the duties of the FOS. Office Clerks also performed some of the duties of the FOS by reviewing questionnaires for completeness, consistency and legibility of the information collected. Data clerks were responsible also for general coding, including expenditures that were recorded by each household given a Daily Diary to complete, while the Office Supervisor was responsible for coding the Industry using the 2007 North American Industry Classification System (NAICS) and Occupations using the 2010 Standard Occupational Codes (SOC).

Additionally, for the first time, enumerators were grouped by 4 or 5 and assigned a Data Clerk to help track and follow up on the progress of their Daily Diaries. Enumerators were each given a Diary log book with a mirror copy given to each Data Clerk. When an enumerator drops off a Dairy at a household, key information such as name of householder, contact numbers and household IDs were given to their assigned Data Clerk. The Data Clerk uses the information to conduct telephone follow-ups with householders. Data clerks also help remind enumerators of completed diaries for pick up and feed information back to enumerators if householders need additional help in completing the diaries. FOS on Rota and Tinian also perform this duty.

DATA COLLECTION PROCEDURES

The primary means of collecting data from each of the selected household was through a personal visit and interview. Dr. Levin developed an Office Operations Manual for checking, coding, and keying the Commonwealth of the Northern Mariana Islands 2016 HIES. A second stage review and verification of questionnaire were done at the office during the coding and data entry. Special attention was paid to missing information, skip instructions, filter questions, age, and income and expenditure information etc. Questionnaires with too many invalid and inconsistency entries were returned to the enumerators for corrections. If major problems were detected, the interviewers were required to revisit the respondent to rectify the inconsistencies. These errors were reviewed with each enumerator and occasional meeting with field data collection staff were held to discuss progress and issues so that their performance could be improved.

FIELD AND OFFICE SUPERVISION

The field supervisors, office supervisor and the data clerks were all trained at the same time as the enumerators and had extra time spent in learning the quality control monitoring procedures for the survey. Enumerators were assigned to areas either where they lived or near to where they lived.

Enumerators were to go to 2 or 3 housing units each day and to record their visits on the Address Register. When enumerating, they recorded (1) whether they could interview anyone in the unit, (2) whether they needed to return to complete the interview for the regular questionnaire, and/or (3) whether no one was home and they were going to have to return to do the interview. If no one was home, enumerators left a “Sorry we missed you” form. If the respondents refused to be interviewed, the enumerators filled a Refusal form, and gave that to their supervisor. The field supervisor then returned to the unit to attempt to collect the data.

The 2016 HIES was a survey of households only, based on the U.S. Census Bureau definition of a housing unit – direct entry and living together – and so some units could have more than one household. In this case, the sample selection instructed the enumerator as to which household to enumerate. No institutions were included in the survey.

DATA PROCESSING

As noted above, when the questionnaires arrived in the office, they were checked in, and then they were quickly reviewed for by the data clerks and the office supervisor. If any errors were detected, the office clerks tag the errors and place the questionnaires in the enumerators bins with a note on the board for the enumerators to see during their next visit. The data clerks will also place a telephone call to the enumerators to notify them of the errors and for the enumerators to return as soon as they can to clear up the problems. Once the problems are cleared up, the enumerators will resubmit the corrected questionnaires on a new field timesheet.

Regular questionnaires that passed the original office review were coded and sorted into keying bins for data entry. The regular housing questionnaire items such as places, languages, ethnicities were coded by data clerks using the office manuals and CSD code books while the office supervisor coded the industries and occupations using separate classification and code books (NAICS & SOC).

Diaries had their own code lists that were derived from the US Bureau of Labor Statistics items code listing provided to the CSD by the CPI expert Mr. Brian Hannon. Except for the items themselves, the enumerators were instructed to fill in the amounts and quantities, costs, and whether the purchases were cash or for credit. The enumerators also entered gifts given and gifts received separately.

CSPro (Census and Survey Processing), a U.S. Census Bureau computer package to assist countries around the world with their census and survey processing, was used to process the 2016 HIES. CSPro is an integrated package. A Data Dictionary is developed based on the questionnaire or questionnaires, and the other elements all play off this dictionary. The dictionary has each item, in question number order usually, with separate record types for the different types of records. So, one record is for population items, one for housing, one for house construction and repairs, one for education expenses, and so forth.

The dictionary is used in all subsequent phases of the survey processing. The three phases for this survey were (1) data entry), (2) editing, and (3) tabulation. Staff were trained and used PCs to enter the questionnaires after they were checked and coded. CSPro’s entry package was used for data entry. Levin developed the entry screens based on the two questionnaires. When the dictionary and entry screens for the 2016 HIES were in place, Fermin

Sakisat of the CSD office and Tom Torres, the departments ITU manager installed them on five machines, and provided training for the data clerks and the office supervisor.

Expenditures items from the Diary and the Questionnaire were concatenated by Levin and were sent to Brian Hannon in Virginia for the factor analysis and development of the CNMI market basket for the CPI revision work.

TABULATION

The sets of statistical tables produced for this report were processed using the US Census Bureau's processing program – Census and Survey Processing System (CSPRO). Dr. Levin modified and deployed for this survey sets of cross-tables that have been used in all surveys and censuses since the 1980 in the Island Areas. The method crosses many of the population variables by all the other population variables, and crosses the first geographic level by the housing variables. This method was used in the 1990 and 2000 Commonwealth of the Northern Mariana Islands censuses, to an extent in the 2010 census, and in the household surveys for 1998, 2003, 2005, and 2016.

The population sets of columns used in 2016 were:

- | | |
|----------------|-----------------------------|
| 1. Geography | 7. Work and Class of Worker |
| 2. Age | 8. Occupation |
| 3. Ethnicity | 9. Industry |
| 4. Birthplace | 10. Income |
| 5. Citizenship | 11. Housing Characteristics |
| 6. Education | |

These were crossed by most of the other population variables including some expenditures. The results appear in the last section of this report. The housing variables were crossed by the Islands and by Districts.

ACCURACY AND ESTIMATES

The CNMI Department of Commerce, Central Statistics Division updated its survey and census maps and address registers in the Summer of 2014. This update was used to obtain a universe of all housing units in Saipan, Rota and Tinian. A systematic 10 percent of all occupied housing units was selected for Saipan as was a 20 percent of all occupied housing units on Rota and Tinian. As with all surveys, the sample was not complete. While efforts were made to use substitution in cases of vacant units, housing units that were no longer inhabited and refusals amounted to about 7 percent of the Saipan units and about 10 percent of the units on Rota and Tinian. Because of this, weights were adjusted to inflate the results to the expected total of units based on the 2000 census results and changes over the 6 years. This weight was added to the housing records and was applied in the tabulations shown in the last section of this report.

The HIES enumerated 1,066 households in the Commonwealth – 851 on Saipan, 118 on Tinian, and 101 on Rota. The weights for the population, housing, and regular expenditures were 17.5 for Saipan, 8.1 for Tinian, and 9.0 for Rota. It is important to note that for the regular questionnaires, the same weight was used for housing and population, and for annual and regular expenses for the tabulations which were inflated to the totals for the CNMI. Hence, the population in the units reflected the housing weight and not individual weights.

Fewer diaries were collected than regular questionnaires, particularly on Rota where only 44 households completed the Diary. Hence, while the total number of expected households in the CNMI remained the same, the weight for the diaries was larger than the weight for the regular questionnaires. The same weight was used for all the Districts and Villages on Saipan – one weight for the regular questionnaires and a separate weight for the diaries. For Rota, a single weight was used for the regular questionnaires and a separate one for diaries; for Tinian, the processing also used a single weight for the regular questionnaires and a different weight for the diaries.

Unlike the United States and Puerto Rico, which collect several monthly surveys, and Guam and the U.S. Virgin Islands, which collect annual surveys, the Commonwealth of the Northern Mariana Islands collects only periodic surveys when funds are available. Hence, while Decennial censuses were collected in 1990, 2000 and 2010, a few other surveys are collected in addition to the mid-decade household income and expenditures surveys. The accuracy in terms of coverage is only as good as the updating of the maps and the enumerators doing their jobs of on-the-spot updates and data collection.

On the other hand, the Commonwealth of the Northern Mariana Islands Statistics section of the Department of Commerce is known for its excellent work in content. The population and housing questions contained very few errors – neither invalids nor inconsistencies – needing rectification during the CSPro editing process. CSPro keeps track of the errors; the results of the item by item edits are available at the Department of Commerce.

It is much harder to assess the accuracy of the regular and annual expenditures and the diary items since these data are only collected every 10 years rather than more often as with the population and housing items. Also, it is known that many respondents under-estimate their purchases, either because they are embarrassed about the amount of a type of food (like fast food) or activities (like petty gambling), but more often because they just forget to include items.

Because the survey was a sample, all results are estimates based on the actual information collected, the editing, and the weights used.

ANALYSIS

The weighted number of residents in the Commonwealth of the Northern Mariana Islands (CNMI) based on the 2016 household survey was 53,890. Saipan had about 48,200 people, Tinian had about 3,056, and Rota had about 2,635. District 3 was Saipan's largest district with 15,845, followed by District 1 with 15,164 people. The smaller districts were district 5 (7,966), district 2 (6,045), and District 4 (3,180).

CNMI had somewhat more males than females in 2016. The sex ratio was 106, meaning about 106 males for every 100 females. And, the median age was 33.4 years.

Table 1 – Selected Population Characteristics by District and Island, CNMI: 2016

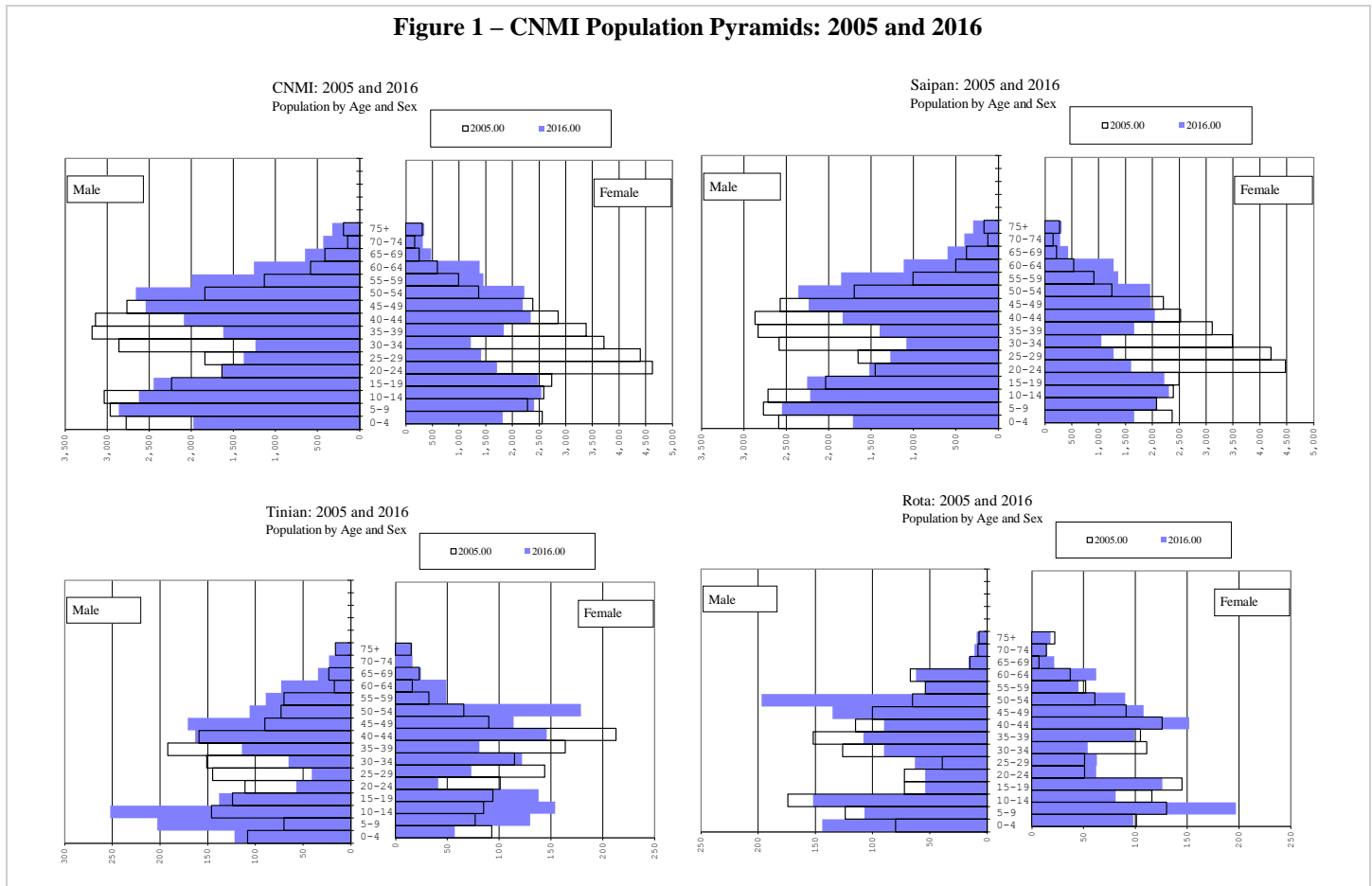
Characteristic	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	53,890	48,200	15,164	6,045	15,845	3,180	7,966	3,056	2,635
Males	27,713	24,703	7,669	3,092	8,473	1,607	3,861	1,666	1,345
Females	26,177	23,497	7,495	2,952	7,372	1,572	4,105	1,390	1,290
Sex ratio	105.9	105.1	102.3	104.7	114.9	102.2	94.1	119.9	104.3
Median Age	33.4	33.3	30.5	38.1	36.5	35.0	26.8	33.3	34.1
Percent:									
Chamorro ethnicity	26.8	24.6	30.9	8.4	9.0	46.1	47.6	36.7	54.4
Filipino ethnicity	44.9	45.2	36.3	65.3	61.2	29.1	21.5	47.1	36.1
Born in CNMI	54.6	54.2	61.2	38.7	41.8	63.2	73.7	54.5	62.6
Born in the Philippines	29.3	29.7	22.8	43.4	40.4	23.1	14.0	29.0	22.8
U.S. Citizen	61.6	60.7	68.3	43.4	47.0	70.9	82.9	63.8	75.5
Living in same unit in 2011	56.5	56.0	62.6	43.4	46.1	59.8	72.2	53.7	68.9
Percent High School Graduate	81.6	81.0	77.5	86.4	85.4	81.3	72.8	86.7	86.2
Percent BA/BS or more	17.0	17.4	16.3	13.1	22.2	14.0	13.6	15.7	12.1
Speaking only English	25.0	24.1	30.6	17.1	20.3	27.2	23.5	32.5	32.6
Speaking Chamorro	18.6	17.2	19.0	5.2	6.6	31.4	39.3	23.5	37.8
Speaking Filipino language	36.3	37.2	30.1	54.1	49.7	27.8	15.6	32.8	23.6
In the labor force	70.0	69.8	67.3	72.5	74.5	64.6	64.9	69.6	74.9
Unemployed	12.8	12.9	13.0	16.8	12.4	14.3	10.0	21.6	2.0
Working for Private company	81.2	83.4	82.2	94.7	88.8	73.6	68.0	65.9	56.3
Working for CNMI government	16.6	14.8	15.6	4.0	10.0	26.3	28.7	28.9	36.8
Service occupations	30.9	31.2	25.0	38.4	34.6	27.6	29.7	28.9	28.1
Hotel and food industry	23.3	24.7	18.1	30.5	27.9	27.6	23.1	11.1	10.2
Median Household Income	\$19,201	\$19,009	\$19,436	\$14,540	\$18,409	\$30,769	\$25,625	\$22,500	\$18,911
Percent Persons in Poverty	55.7	56.3	59.5	66.0	57.4	38.6	47.4	54.3	47.5

Source: 2016 CNMI Household Income and Expenditures Survey

A population pyramid shows the age and sex distribution of the population. The males appear to the left of the mast; the females appear to the right. Normally, the ages appear with the youngest at the bottom, and in 5-year age groups (or sometimes single years of age) increasing, with smaller numbers at each age. The traditional pyramid, like the pyramids of Egypt, with the oldest group having the fewest members.

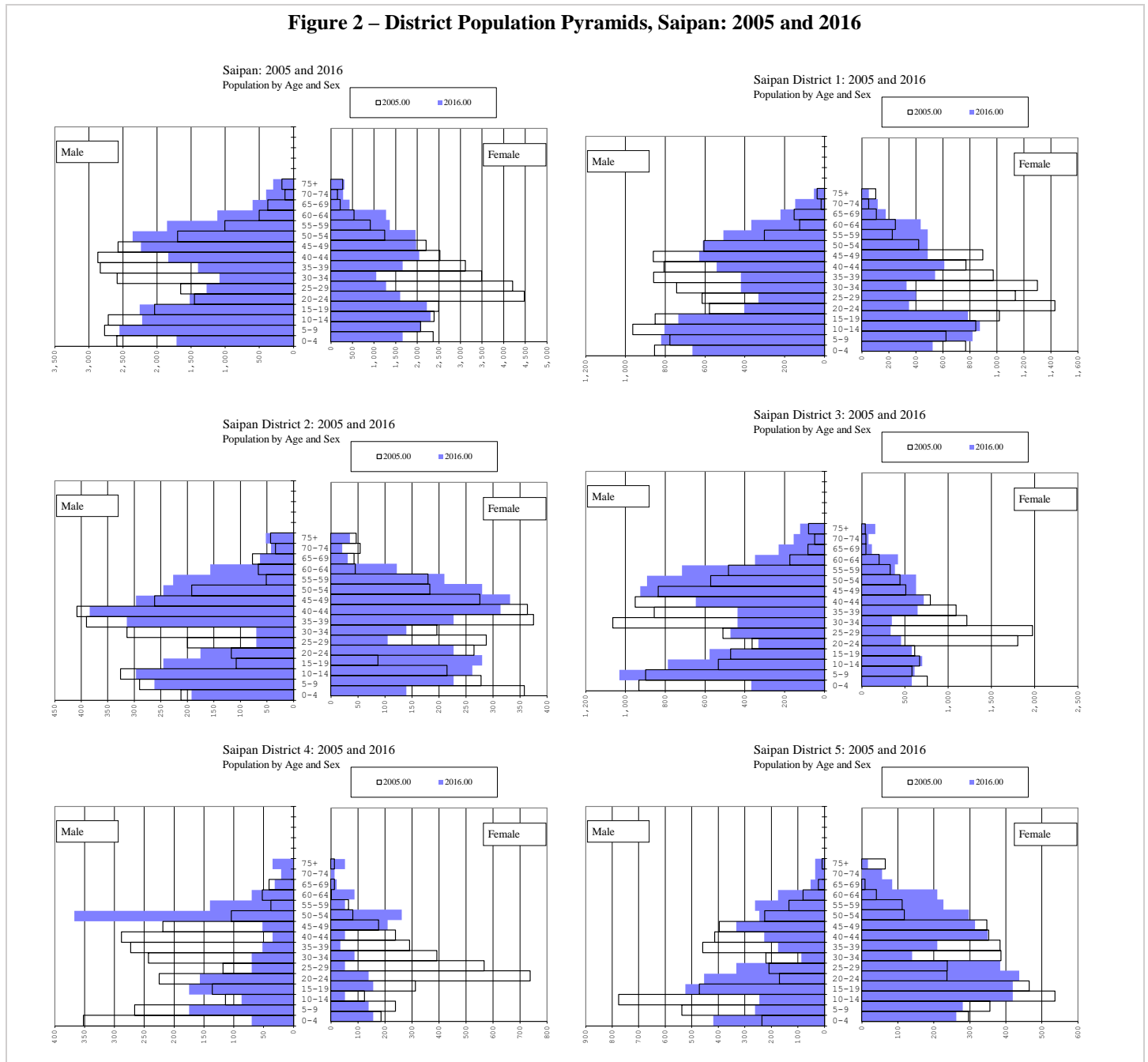
None of the pyramids for the CNMI or for its three islands has a traditional pyramid shape. Not in 2005 and not in 2016. Because of the large number of foreign workers, each pyramid has a large bulge in the age groups from about age 20 to 50. The pyramids show numbers of people, so the 2005 distribution is wider because it has more people total, and in most of the age groups. The 2005 pyramids are open with no color; the 2016 pyramids are colored.

Figure 1 – CNMI Population Pyramids: 2005 and 2016



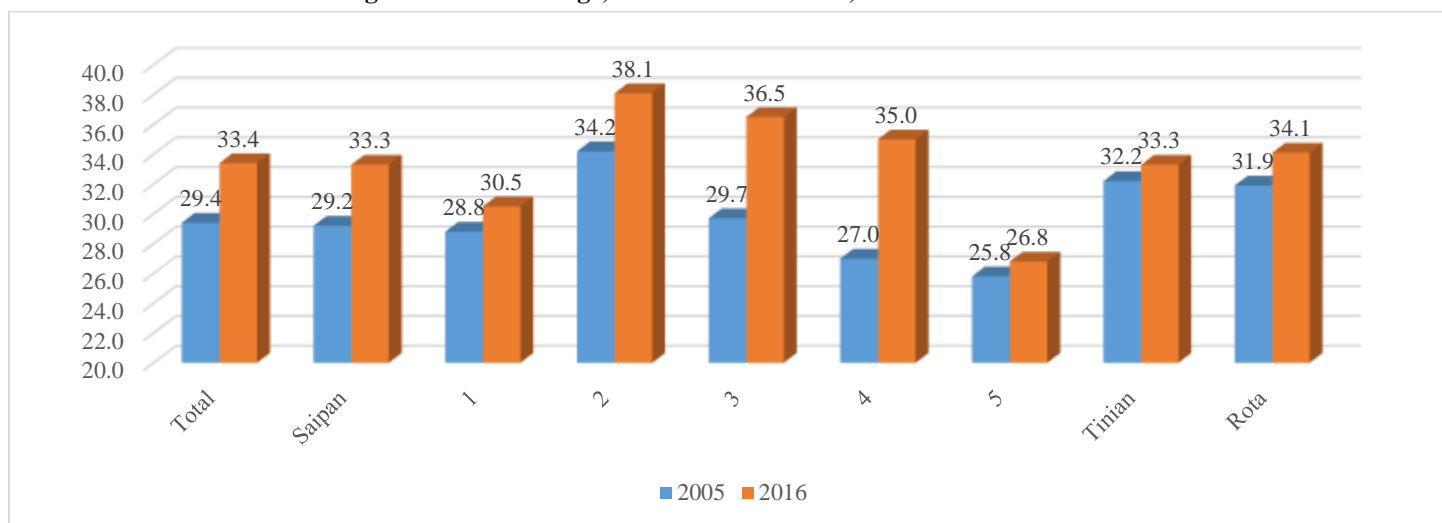
The Saipan District Pyramids are even more ragged because of the small numbers. Nonetheless, these, too, do not have the traditional shapes of pyramids because of the small numbers of children compared to the working age adults. So, each district has a shape in both 2005 and 2016 which is like that of Saipan. In many countries, the age groups would move through the pyramid upwards over time, keeping their relative shape. But the CNMI is not typical. Economic development will determine the shape of the pyramids in future years.

Figure 2 – District Population Pyramids, Saipan: 2005 and 2016



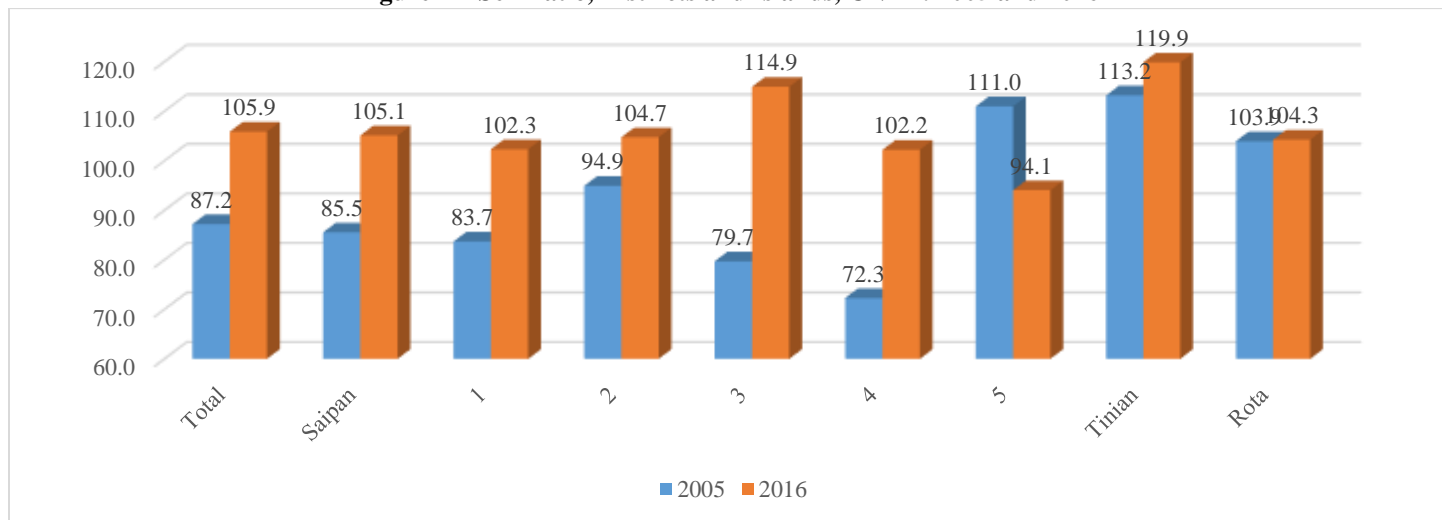
The Median Age of a population is the age that divides the population exactly in half – that is half are older and half are younger. The median age of the CNMI population in 2005 was 29.4 years, which is moderately high for Pacific Islands’ population, but CNMI has a very low birth rate, and the population dynamics are mostly affected by migration. The median increased to 33.4, an increase of 4 years over the 11 years. This rate is obviously higher, and shows an aging population, with few babies being born in the Commonwealth, and continued high numbers of foreign workers. The median was highest in District 2, at 38 years, and lowest in District 5, at 27 years. The median in Tinian was the same as for the whole population, and in Rota was slightly higher, at 34 years old.

Figure 3 – Median Age, Districts and Islands, CNMI: 2005 and 2016



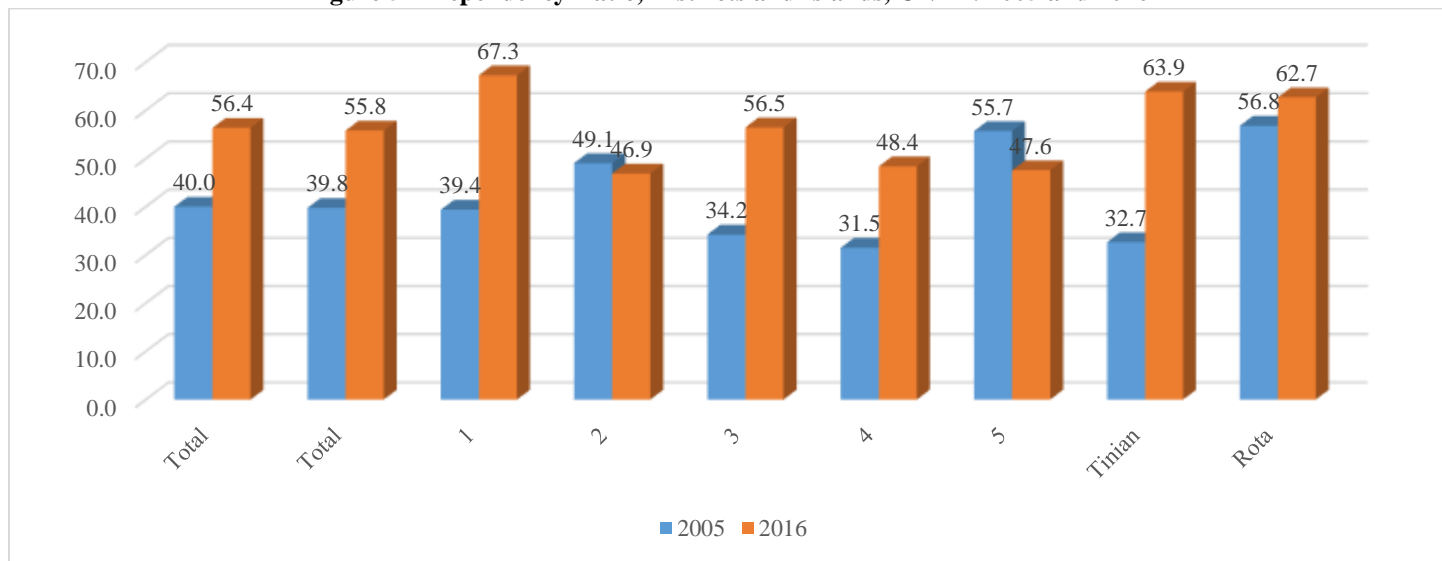
The sex ratio in the CNMI switched between 2005 and 2016, from more female (because of the garment factories while declining) to more male in 2016 (because of increased construction of the new casino and other activities.) The sex ratio (males per 100 females) increased from 87 (that is, 87 males for every 100 females) in 2005 to 106 males per 100 females in 2016. The median remained the same in Rota, at about 103, but increased in Tinian, from 113 to 120. So, on Tinian, there were 6 males for every 5 females, which could be a good ratio for the males. The sex ratio changed most dramatically in District 4 where it increased from 72 to 102, and district 3, where the increase was from 80 to 115, both of which saw garment factories in previous times. On the other hand, the ratio decreased in District 5, from 111 to 94 during the 11 years.

Figure 4 – Sex Ratio, Districts and Islands, CNMI: 2005 and 2016



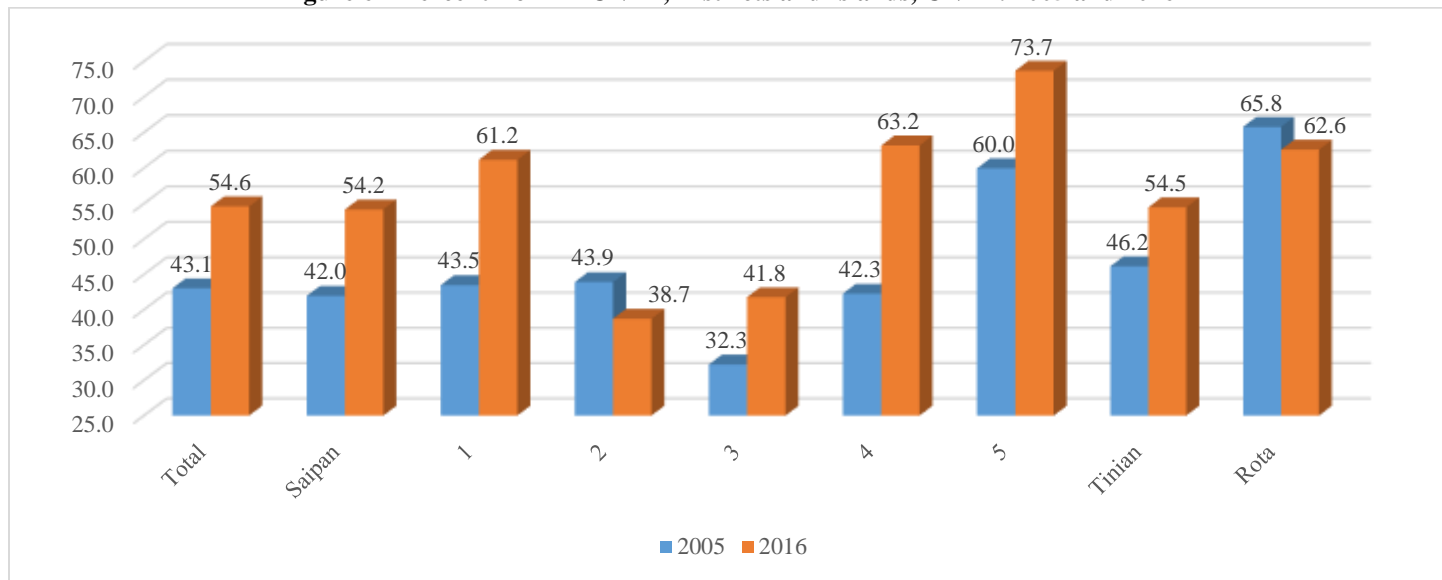
The Dependency Ratio shows the relation between young people (those under 15 years old) and age (those 60 and over) compared to potential workers (those 15 to 59). A dependency ratio of 100 would mean equal numbers of dependents and potential workers. The dependency ratios for the CNMI are generally low because the Commonwealth has relatively few children and older people compared to the numbers of potential workers – previously these were garment workers, now they are construction and tourism workers. The ratio increased from 40 in 2005 to 57 in 2016. The ratio was higher on Tinian (64) and Rota (63) than it was on Saipan (56) in 2016. The ratio was highest in District 1, at 67, which is still relatively low by world standards.

Figure 5 – Dependency Ratio, Districts and Islands, CNMI: 2005 and 2016



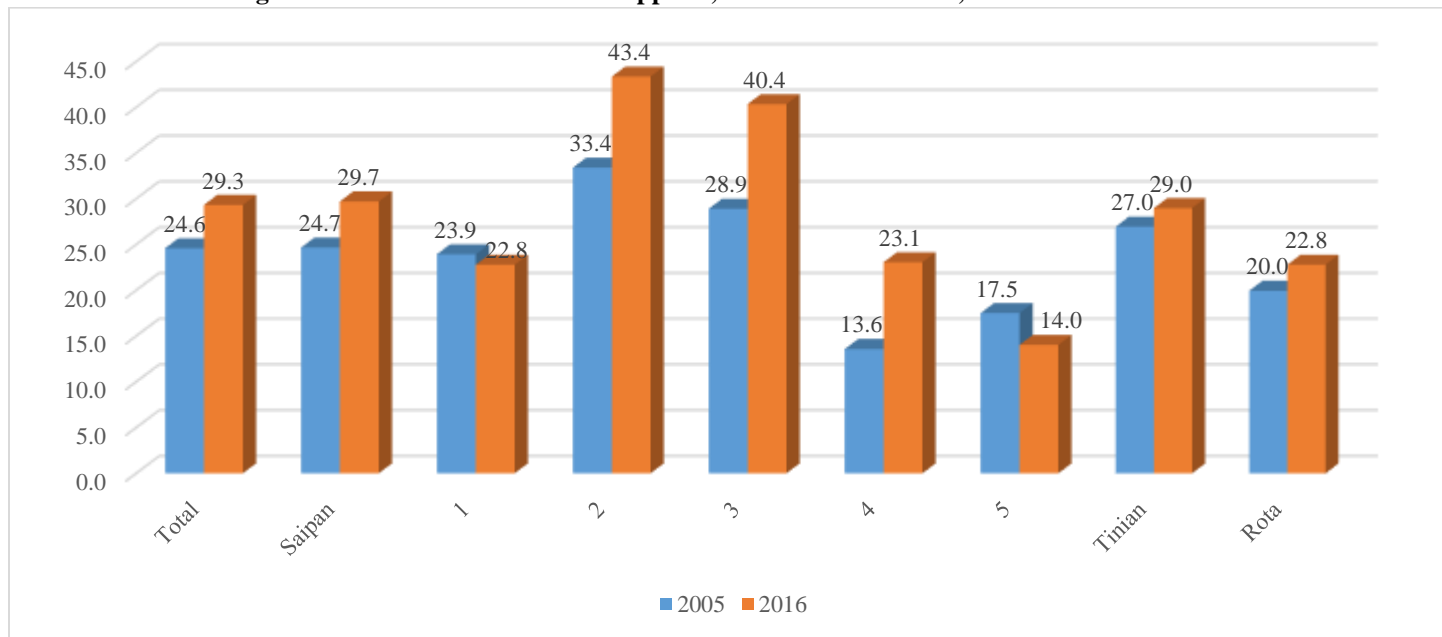
The percentage born in the CNMI increased from 43 percent in 2005 to 55 percent in 2016, mostly because of the departure of about 10,000 people in the interim, with most of them being foreign born. The percentage of CNMI born increased the most in District 5, going from 61 percent in 2005 to 74 percent in 2016; that is, almost 3 out of every 4 individuals living in District 5 in 2016 were born in the CNMI. This compares to about 1 in 3 of those living in District 2 in 2016. About 63 percent of those living on Rota in 2016 were born in the CNMI as were about 54 percent of those living on Tinian. ALL these values are very low, far lower U.S. foreign born population of 13 percent (so 87 percent native born).

Figure 6 – Percent Born in CNMI, Districts and Islands, CNMI: 2005 and 2016



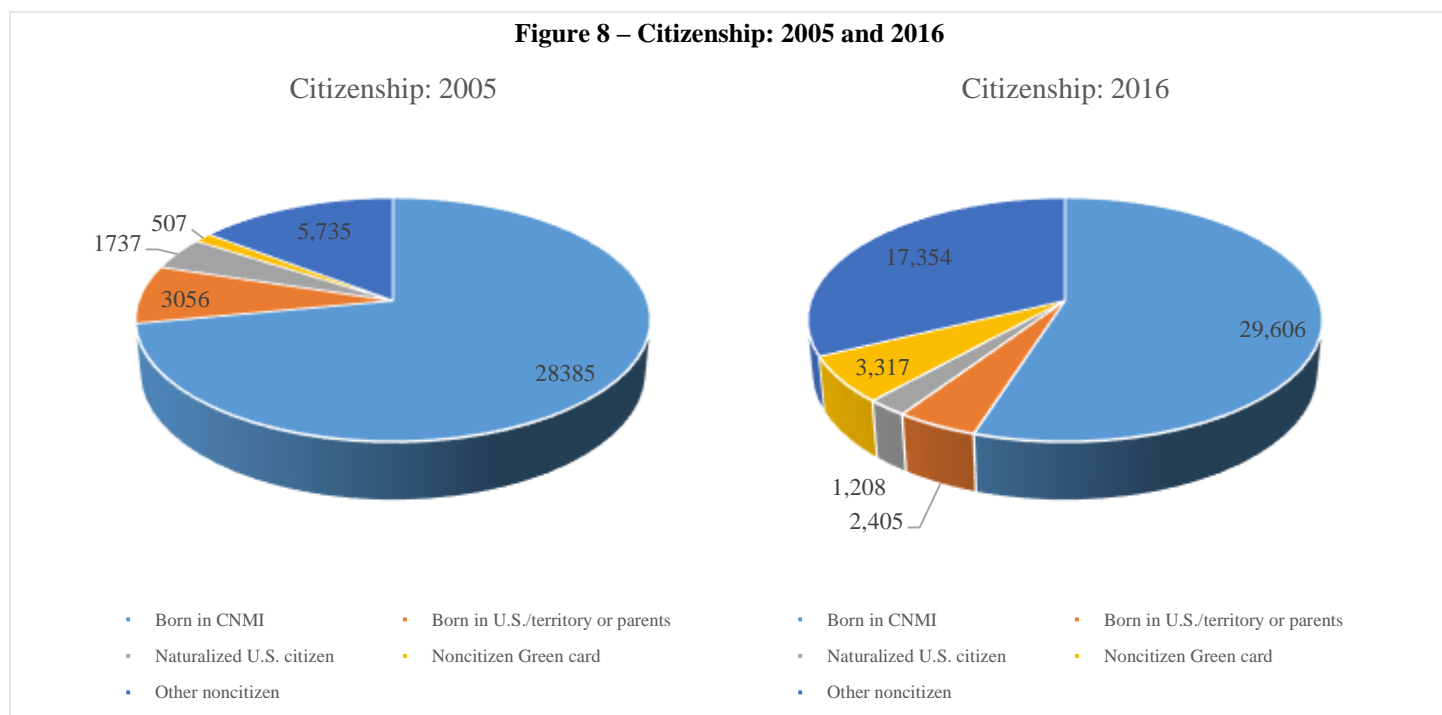
Most of the foreign born were born in the Philippines in both surveys. About 1 in 4 of the CNMI population was born in the Philippines in 2005, and that increased to about 3 in 10 in 2016. District 2 had the largest percentage of Philippines’ born in 2016, at 42 percent, 10 percentage points more than in 2005. District 3 was second, at 40 percent. About 29 percent of the Tinian population was born in the Philippines as was 23 percent of Rota’s population. These percentages are high, and seem to be increasing, perhaps changing the cultural make-up over time.

Figure 7 – Percent Born in the Philippines, Districts and Islands, CNMI: 2005 and 2016



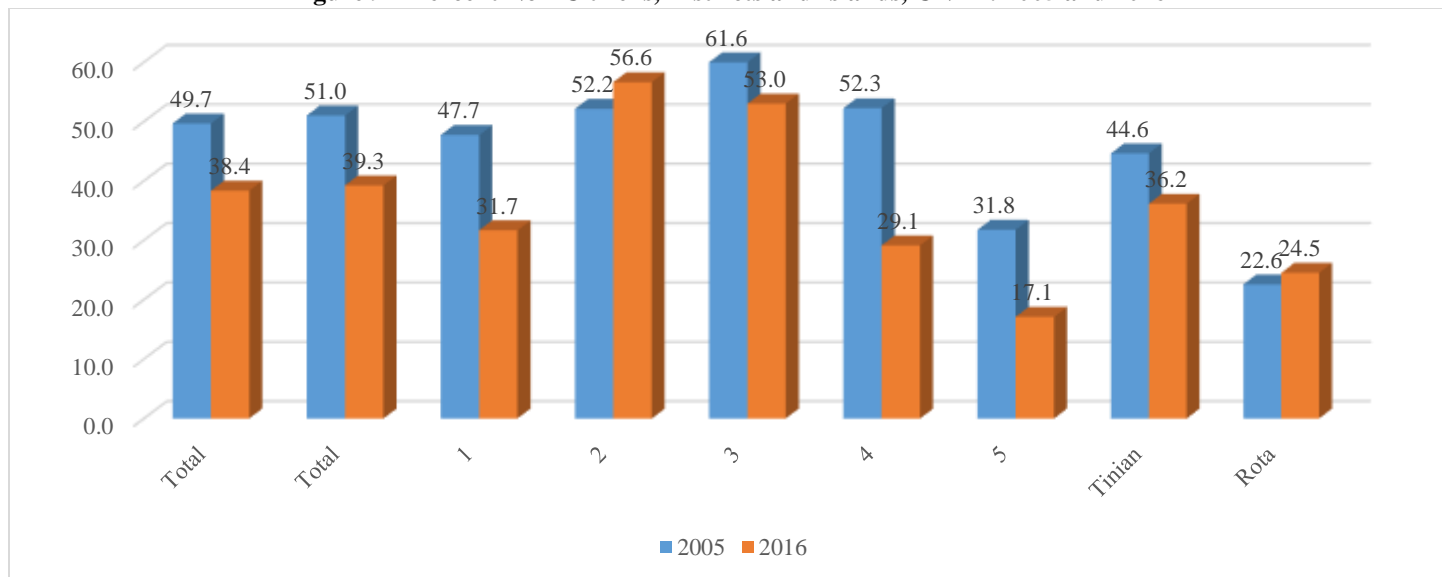
The pie charts show citizenship of the CNMI population in 2005 and 2016. The percentage of the population born in the CNMI decreased during the period while the “other citizen” population increased considerably.

Figure 8 – Citizenship: 2005 and 2016



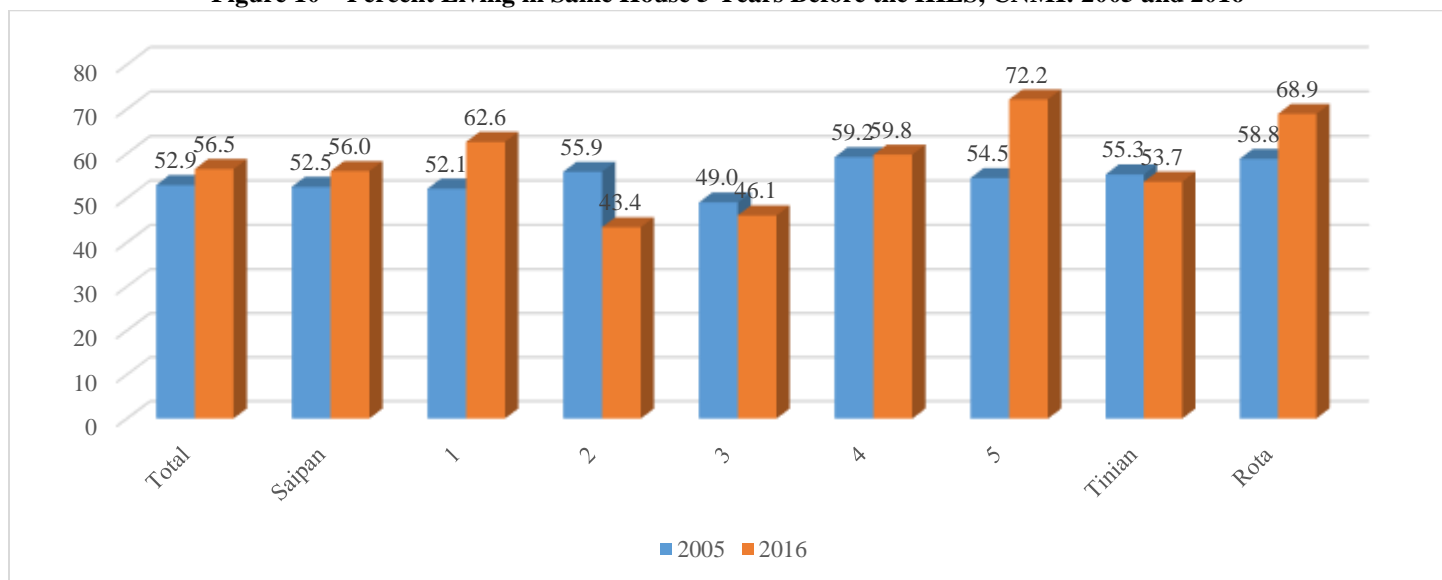
In 2005, about half of all CNMI residents were non-citizens. The percentage of non-citizens decreased to less than 40 percent in 2016, mostly because the remaining garment workers and others connected with that industry left the Commonwealth. The largest percentage of non-citizens within a District in 2005 was the 62 percent in District 3, but in 2016, District 2 had the highest percentage at 57 percent. District 2 and Rota were the only areas that saw increased between 2005 and 2016; that is, the percentage of citizens within those districts decreased. Saipan total showed the same percent as all CNMI, while about 35 percent of Tinian’s population were non-citizens as were about 1 in 4 of those on Rota.

Figure 9 – Percent Non-Citizens, Districts and Islands, CNMI: 2005 and 2016



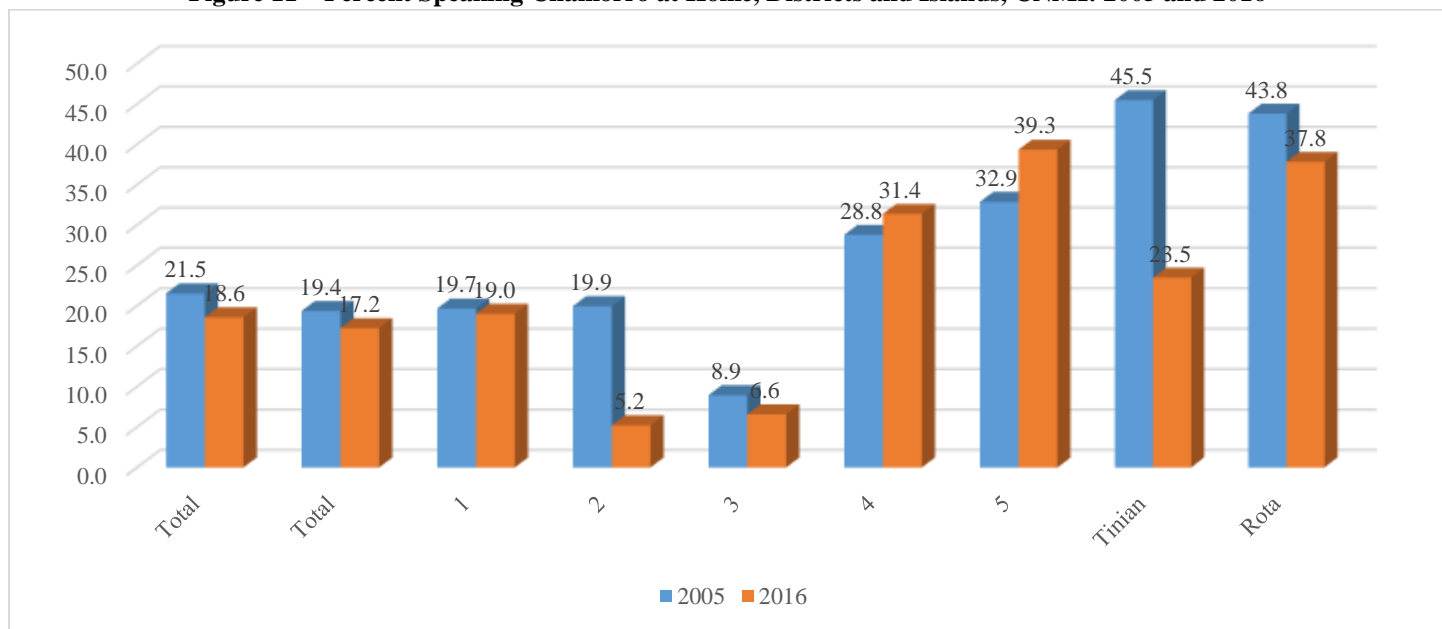
Both household surveys asked about residence 5 years before the survey. For the 2005, the year 2000 was the reference, and for 2016, 2011 was the reference. The Commonwealth saw an increase of 4 percentage points for those living in the same house 5 years before as at the time of the survey, to 56 percent in 2016. In 2016, District 5 had the largest percentage of non-movers, up almost 20 points from the 2005 enumeration. Rota was second at 69 percent living in the same house in 2011 as 2016, followed by District 1 at 63 percent. The half that about half of the population moved during the 5 years before each enumeration shows the large numbers of non-citizens coming and going for work in the CNMI.

Figure 10 – Percent Living in Same House 5 Years Before the HIES, CNMI: 2005 and 2016



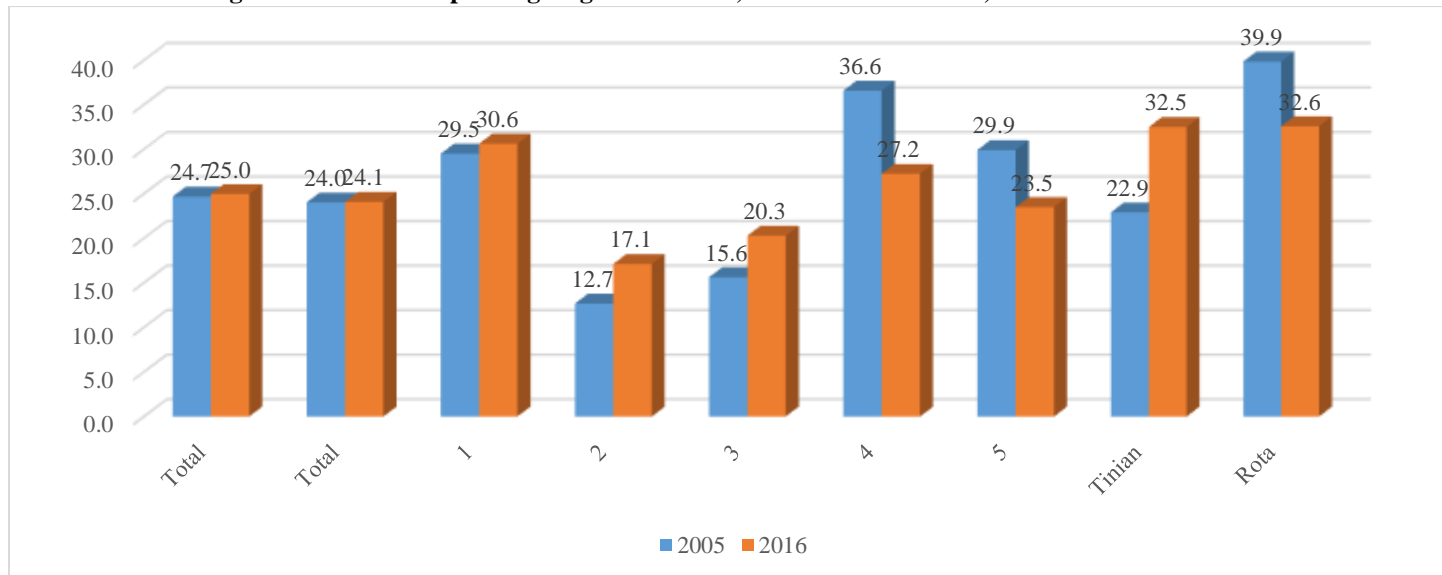
About 1 in 5 CNMI residents in both 2005 and 2016 spoke Chamorro at home. However, the percentage speaking Chamorro decreased during the 11-year period. Resident on Tinian and Rota were by far the most likely to speak Chamorro in 2005, more than 4 in 10, but, while the percentage did not decrease too much during the period on Rota, Tinian residents in 2016 were much less likely to speak Chamorro than they were in 2005. In 2016, very small percentages of residents in Districts 2 and 3 spoke Chamorro at home.

Figure 11 – Percent Speaking Chamorro at Home, Districts and Islands, CNMI: 2005 and 2016



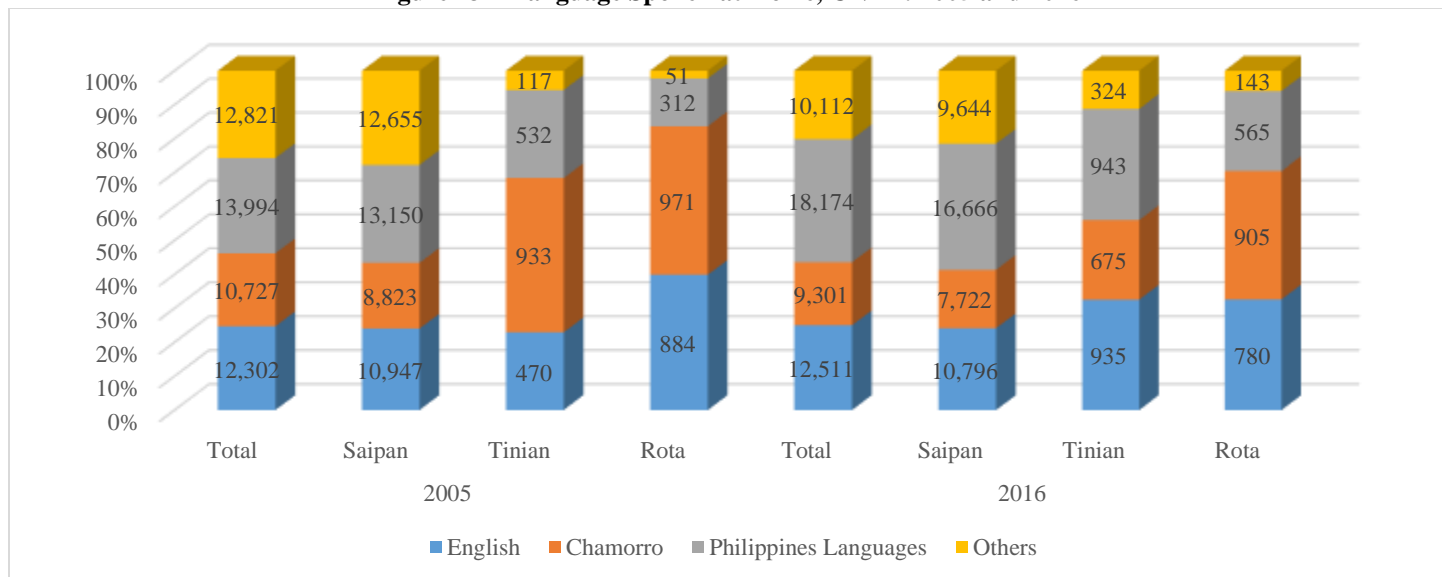
About 1 in every 4 CNMI residents in both 2005 and 2016 spoke English at home. The proportions for all of Saipan were about the same. However, while about 1 in every 6 residents in District 2 spoke English at home, that ratio was about 2 in 10 in District 3, and as much as 3 in 10 in District 1. About 1 in every 3 Tinian and Rota residents spoke English at home in 2016.

Figure 12 – Percent Speaking English at Home, Districts and Islands, CNMI: 2005 and 2016



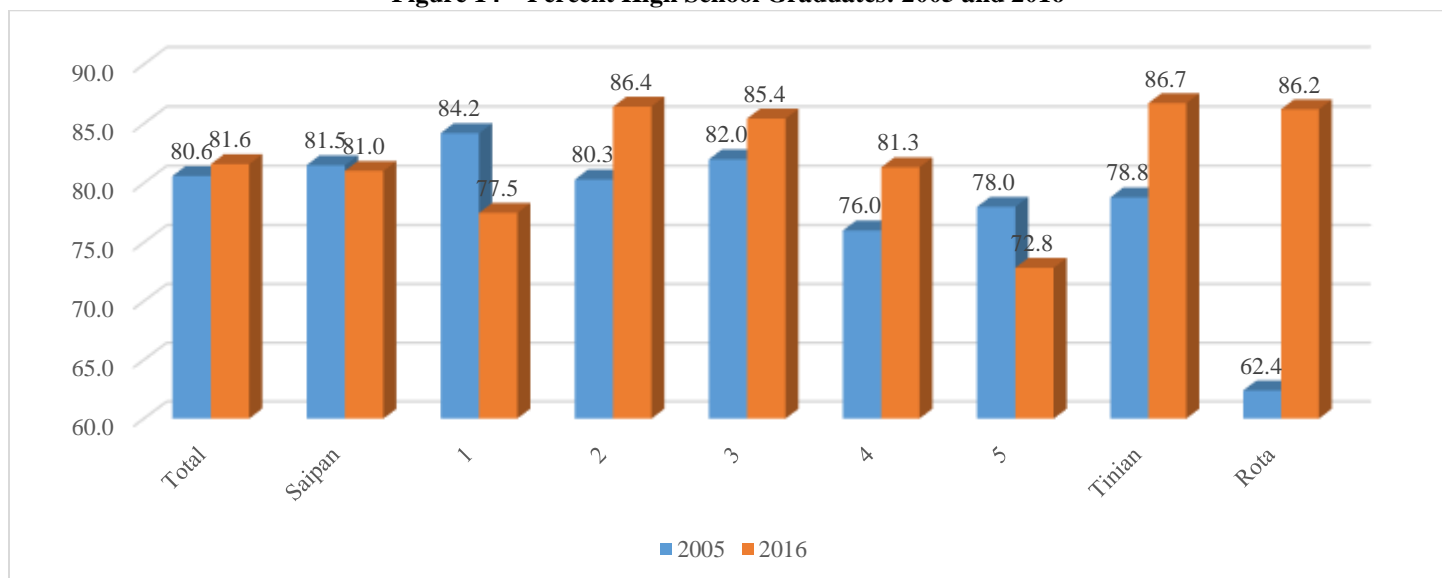
In 2005, Rota’s population was the most likely to speak English, although the proportion decreased by 2016. The percentage of Chamorro speakers decreased in both Tinian and Rota between 2005 and 2016, while the percentage of Chamorro speakers in Saipan remained at about 20 percent in both surveys. The percentages of Philippines languages’ speakers increased on all three islands during the 11-year period. And, the percentage of “other” speakers decreased on Saipan and Rota, but increased in Tinian, perhaps because of the casino’s bringing outsiders to work, not all of whom left by 2016. The decreases for the others islands were probably due to the stragglers at the end of the garment industry.

Figure 13 – Language Spoken at Home, CNMI: 2005 and 2016



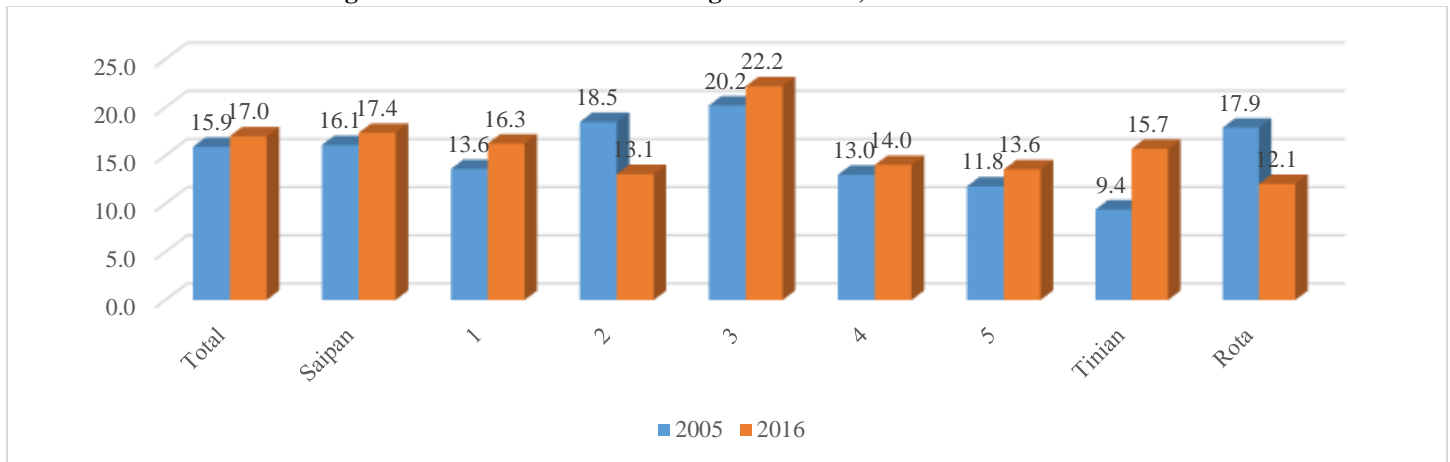
About 4 in every 5 of the CNMI residents 25 years and over in both 2005 and 2016 were high school graduates. The percentages increased most dramatically during the period in Tinian (where the increase was from about 79 percent to 87 percent), and even more in Rota (62 percent to 86 percent). On Saipan, Districts 2,3, and 4 saw increases in the percentages of high school graduates, while Districts 1 and 5 saw decreases. Still, about 3 in every 4 adults in each of the Districts had high school diplomas. Educational attainment clearly relates to jobs, so the more education, the more likely to get a good job.

Figure 14 – Percent High School Graduates: 2005 and 2016



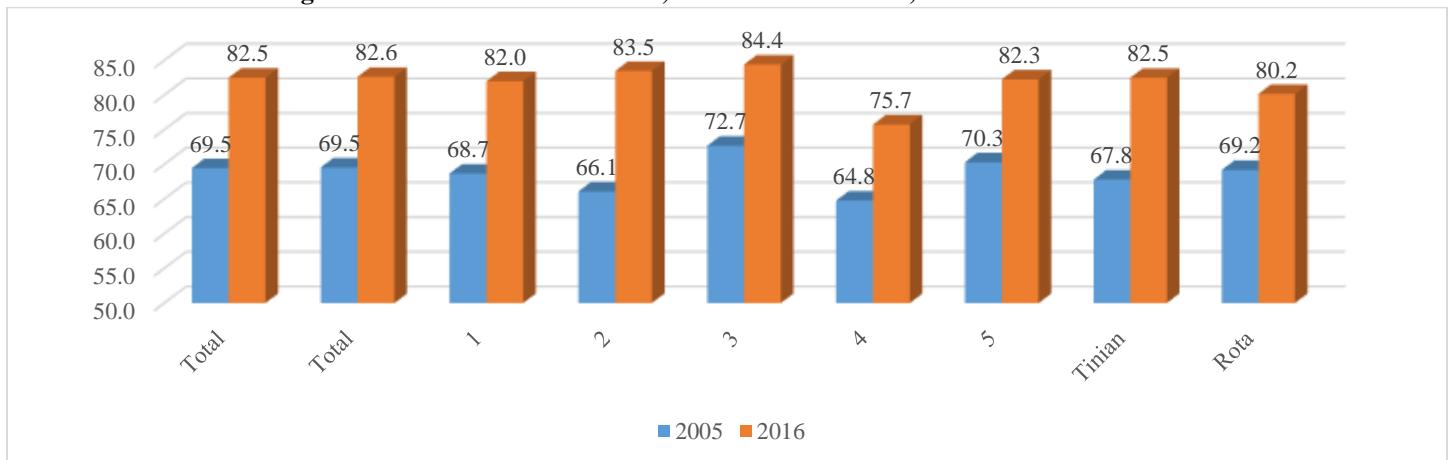
The percentage with Bachelor’s degrees or more increased only slightly during the 11-year period. District 3 had the highest percentage with college degrees, increasing from about 20 percent to 22 percent during the period. District 1 followed at about 15 percent. The other three Saipan districts saw between 13 and 14 percent college graduates in 2016, low in terms of potential employees in the public and private sectors. The percentage being college graduates increased from about 9 percent to 16 percent on Tinian between 2005 and 2016, but the percentage decreased somewhat dramatically on Rota, from about 18 percent in 2005 to about 12 percent in 2016. But Tinian and Rota have few jobs requiring college educations.

Figure 15 – Percent Bachelor's Degree or More, CNML: 2005 and 2016



Both the 2005 and 2016 asked a few indirect questions on health, in addition to expenditures on health items. Particularly, questions that appeared on tobacco and betel nut use. The percentage of non-smokers (of tobacco) increased from about 7 in 10 in 2005 to more than 8 in 10 in 2016. The percentage of non-smokers increased on all islands and in all districts of Saipan. District 3 had the highest percentage of non-smokers, at 84 percent, while district 4 had the lowest percentage (so about 1 in 4 of the adults in District 4 were smokers – that is had at least one cigarette in the last month.) The percentage changes were about the same for all three islands.

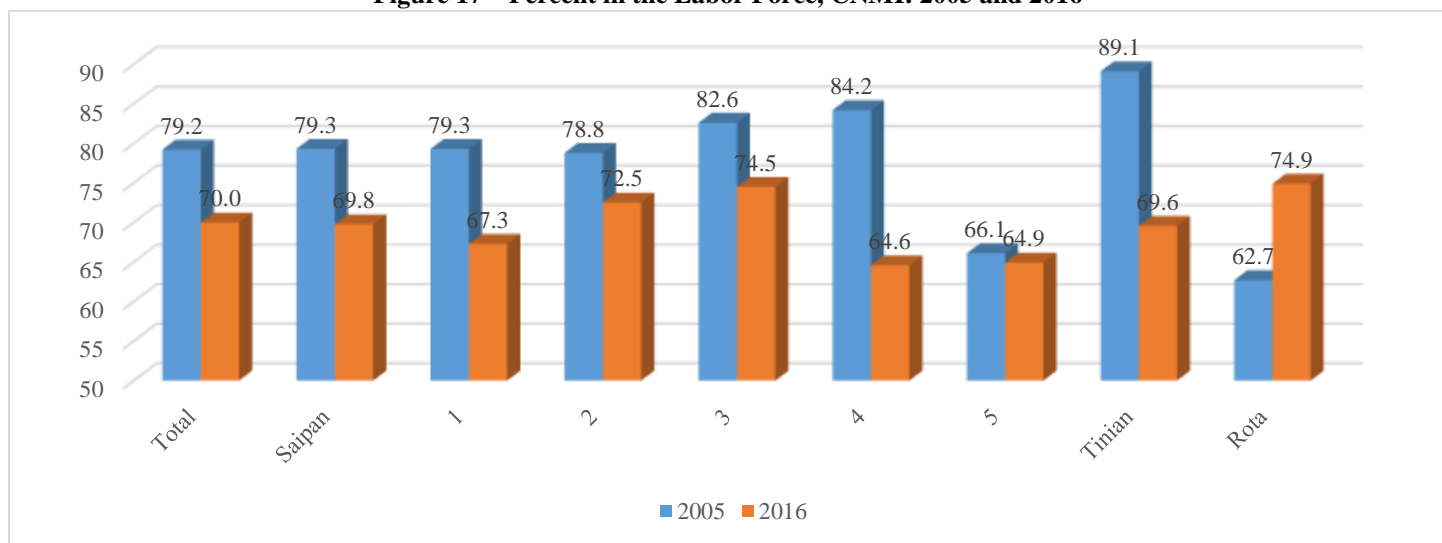
Figure 16 – Percent Non-Smokers, Districts and Islands, CNMI: 2005 and 2016



The CNMI uses the U.S. Census Bureau conventions for employment and unemployment. For a person to be in the labor force, a person must be 16 years and over and either in paid employment, temporarily on leave from paid employment, or unemployed but looking for work (including first time employees). This definition excludes those doing only subsistence activities. Many Pacific Islands countries have large parts of their populations doing subsistence only, which affects the employment and unemployment rates using the United Nations definition of labor force participation, but very few people in CNMI do subsistence activities only, so the rates would be comparable to those for Guam and the U.S. but not with other Pacific Islands’ countries.

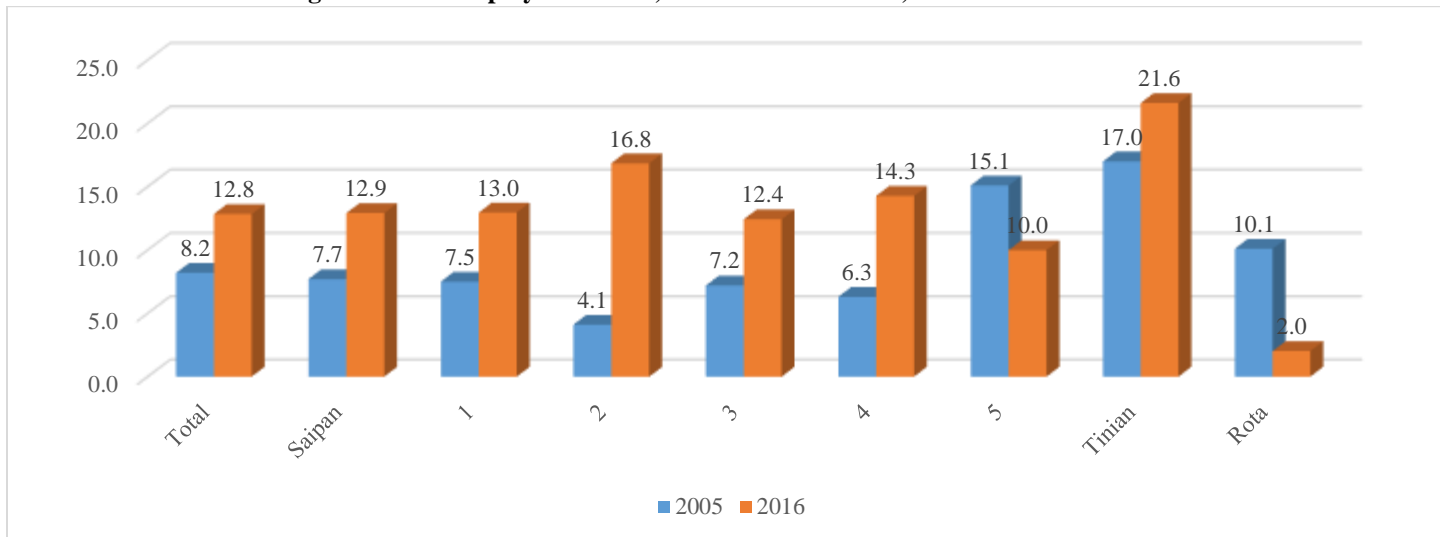
By the U.S. definition, about 4 in 5 adults were in the labor force in 2005 but that percentage decreased to about 7 in 10 in 2016, partly because of the end of the garment industries, but before the rise in tourism (which so far has not offset the decline in the former.) Only Rota saw an increase in labor force participation, from about 63 percent to 75 percent during the period. All the other Districts and Tinian saw decreases. Tinian’s decrease was steepest, from about 9 in 10 adults all the way down to 7 in 10 in 2016. District 4’s decrease was from 84 percent to 65 percent, the sharpest of the Saipan districts.

Figure 17 – Percent in the Labor Force, CNMI: 2005 and 2016



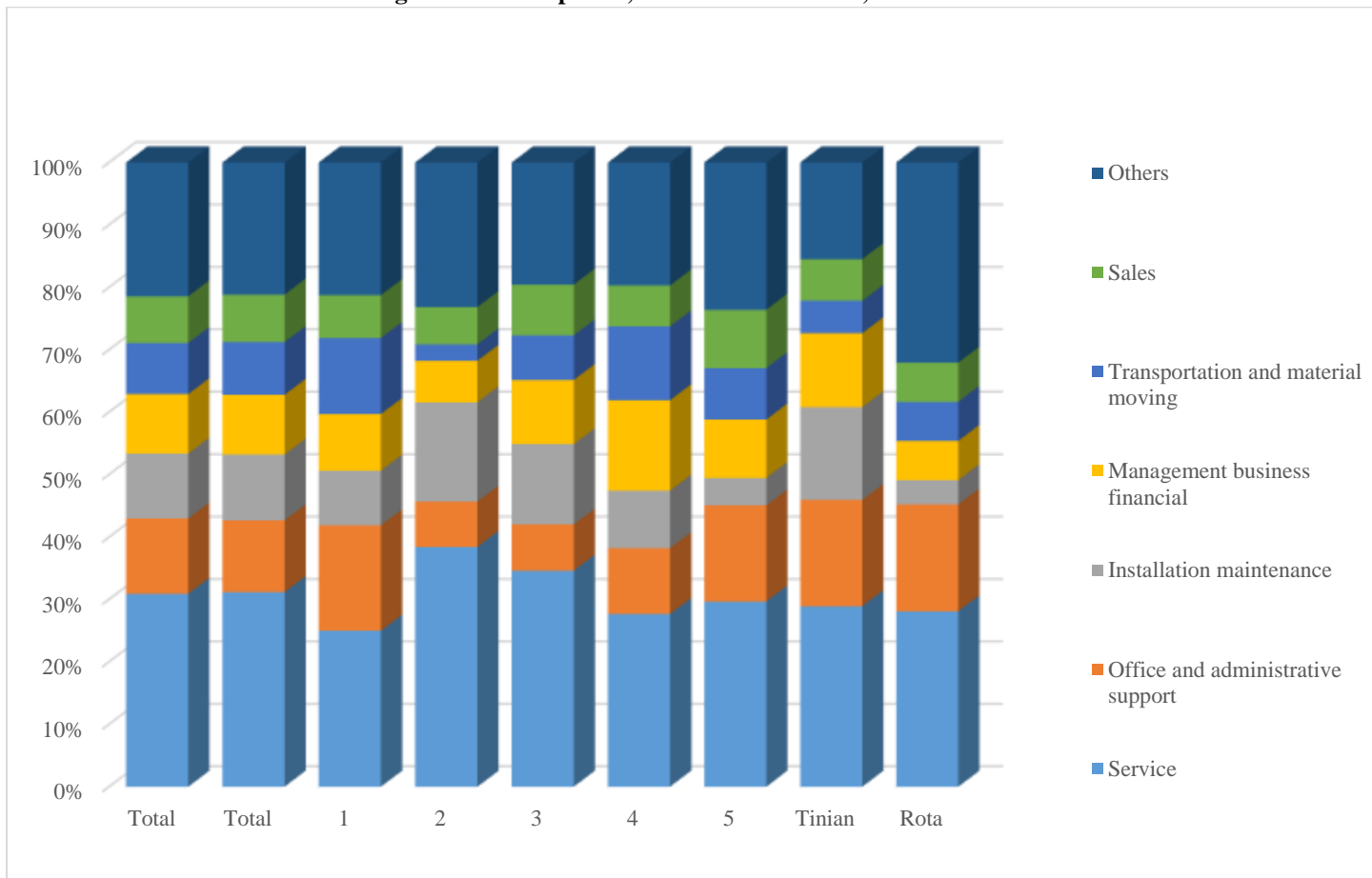
As noted above, unemployment varies a lot over time, depending on “seasonality” and other economic factors. The closing of the garment factories negatively affected employment and unemployment, but increasing tourism positively affected labor force participation, and so would normally expect to decrease unemployment. Again, the unemployment rate reflects the U.S. Census Bureau definition. The unemployment rate by this definition, that is “in the labor force” and not working, but looking for a job, increased from about 8 percent in 2005 to 13 percent in 2016. All the Districts and Tinian saw increases in the unemployment rate, while Rota’s unemployment rate decreased from 10 percent to 2 percent (although, of necessity, the sample size on Rota was very small, and so the sampling error would be very large. Similarly, again because of small numbers, but also because of economic reality on Tinian, its unemployment rate increased from 17 percent in 2005 to 22 percent in 2016. The increase on Saipan was largest in District 1, which saw an increase from just 4 percent in 2005 to 17 percent in 2016.

Figure 18 – Unemployment Rate, Districts and Islands, CNMI: 2005 and 2016



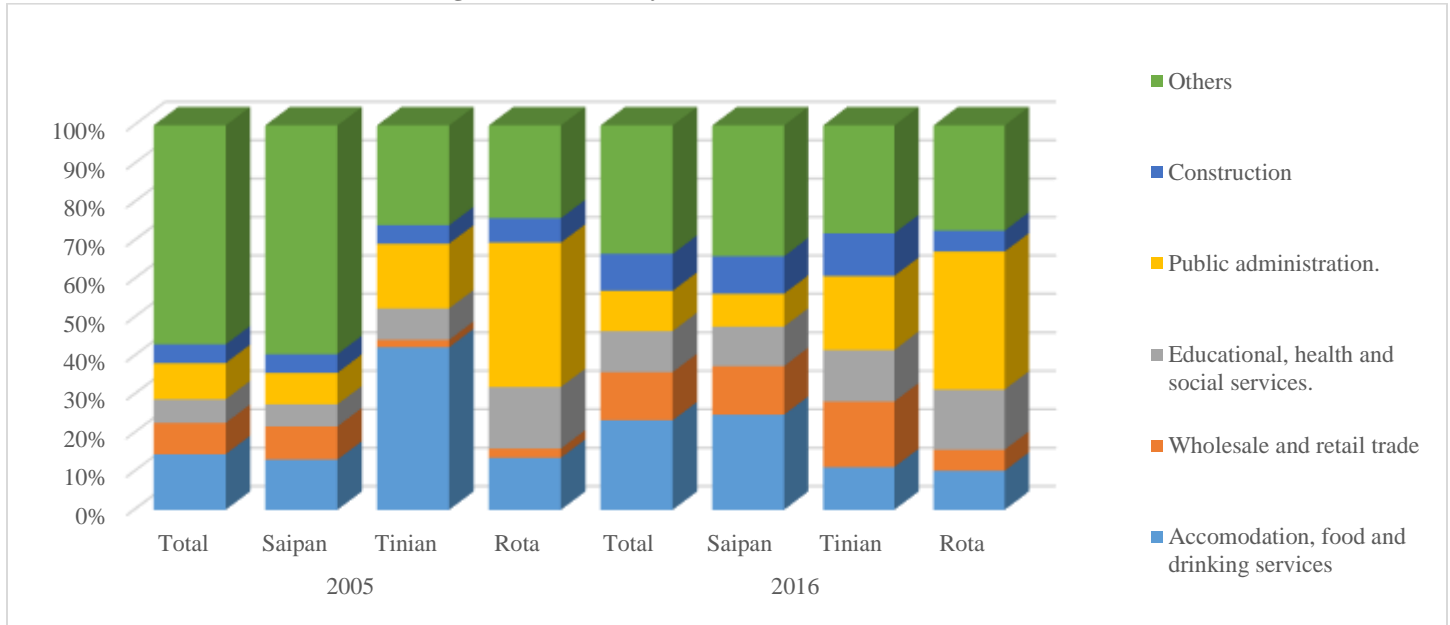
The occupation categories changed between 2005 and 2016. A separate publication will look at the changes in occupation between 2005 and 2016. The data for 2016 show service occupations as the largest category for the islands and districts. Office and administrative support was another large category.

Figure 19 – Occupation, Districts and Islands, CNMI: 2016



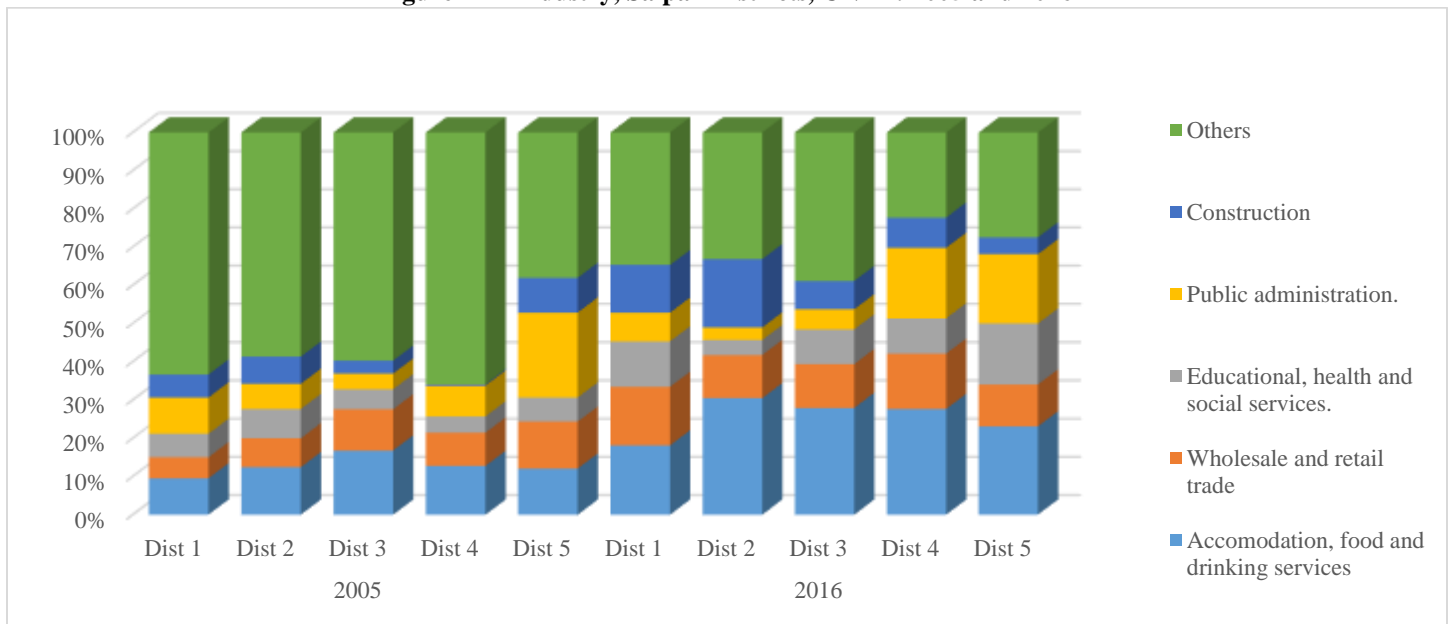
Unlike the occupation categories, which changed considerably between 2005 and 2016, the industry categories remained basically the same. Because the garment factories were still in operation in 2005, they were the biggest industry by far, with over 10,000 employees. However, as the graphic shows, the number and percent in manufacturing decreased precipitously during the 11 years. Tourism increased during the period, as did wholesale and retail trade, which are reflected in the totals and Saipan. Public administration was a large category for Tinian and Rota in both enumerations. Public administration was a large category for Tinian and Rota in both enumerations.

Figure 20 – Industry, Islands, CNMI: 2005 and 2016



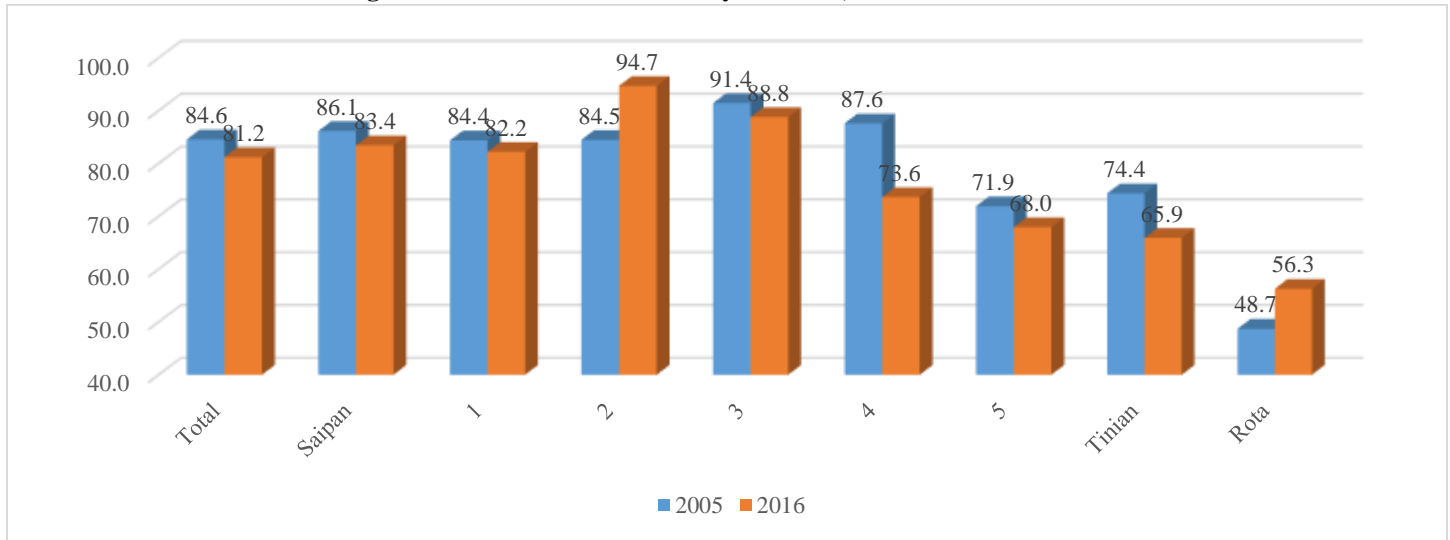
All the Saipan districts, except for District 5, saw more than half of the labor force in manufacture (and “other” industries. By 2016, these values had decreased considerably. In 2016, all districts showed effects of increased tourism in the accomodation and food category.

Figure 21 – Industry, Saipan Districts, CNMI: 2005 and 2016



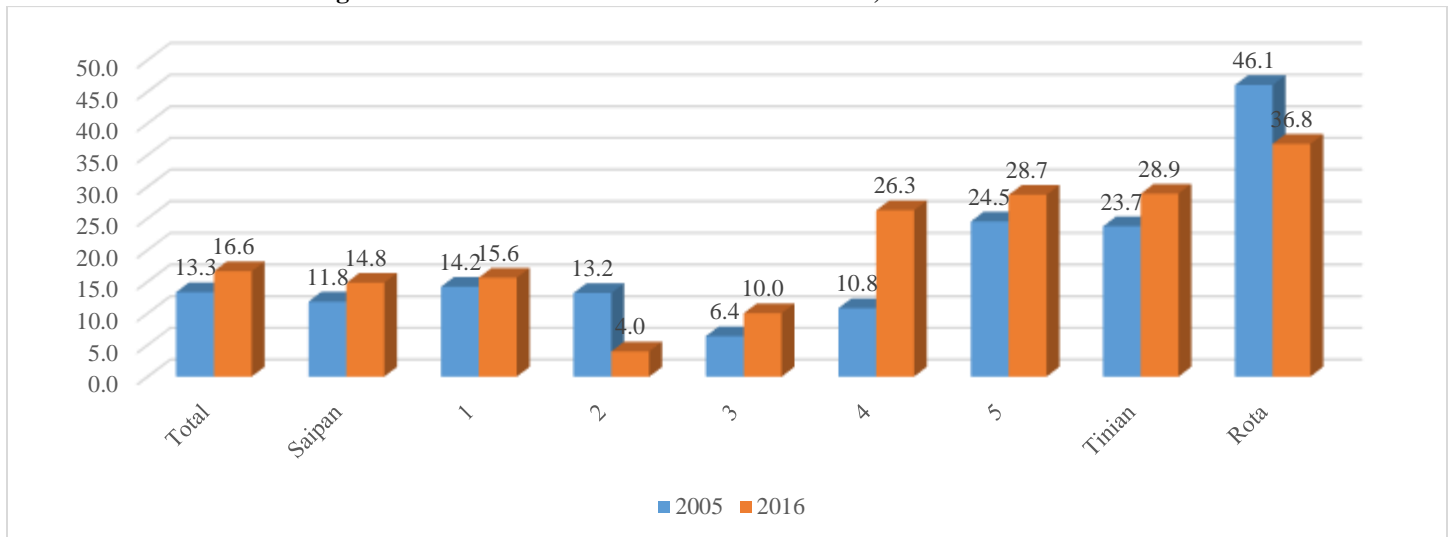
For a government to function properly, the ratio of private to public sector workers should be high. While CNMI has relatively large numbers of public sector workers relative to the private sector, it is doing better than most of the other Pacific Islands countries and has the potential for relative self-sufficiency. The percentage of private sector salary workers (so excluding self-employed workers) decreased from about 85 percent in 2005 to about 81 percent in 2016. The decrease was sharpest on Tinian of the three islands, from 74 percent to 66 percent, but Rota saw an increase from about 49 percent to 56 percent. On Saipan, the percentage of private sector workers increased well in District 2 from 84 percent to 95 percent, while the other Districts all showed decreases. The drop was strongest in District 4, from 88 percent in 2005 to only 74 percent in 2016.

Figure 22 – Percent Private Salary Workers, CNMI: 2005 and 2016



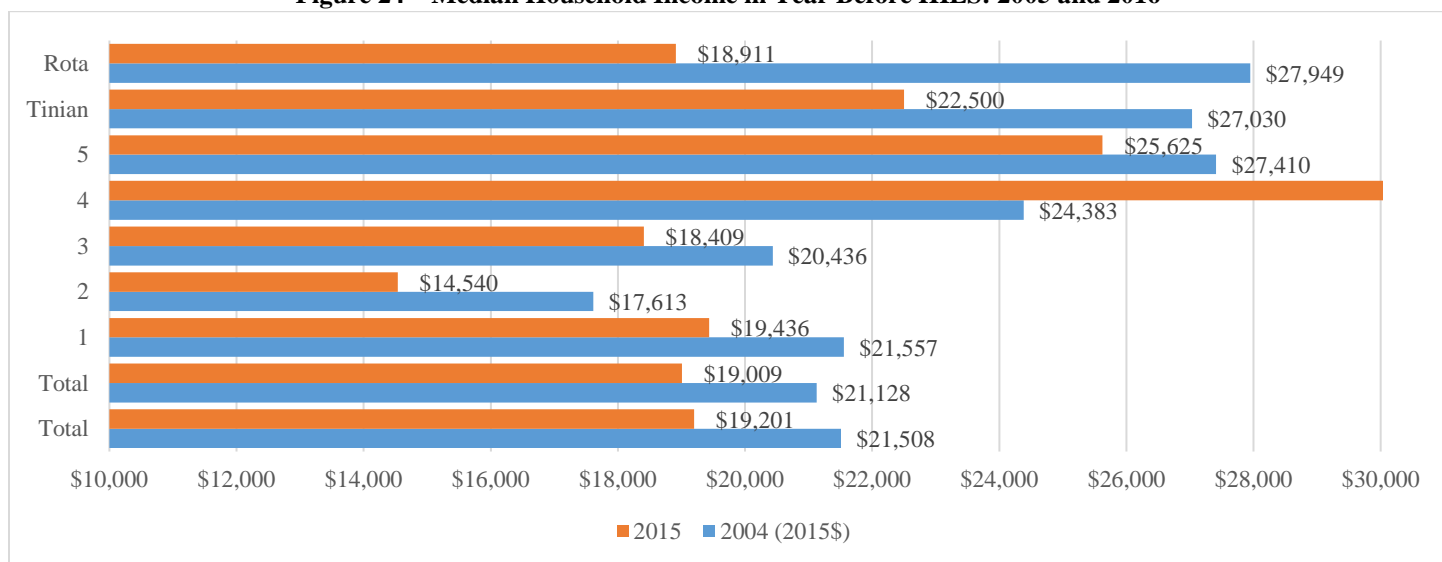
On the other hand, the percentage of CNMI government workers increase from 13 percent in 2005 to 17 percent in 2016. Only District 2 in Saipan (which went from 13 percent to 4 percent) and Rota (from 46 percent to 36 percent) saw decreases. The percentage being government workers increased in Tinian from 24 to 29 percent and on Saipan from 12 to 15 percent between 2005 and 2016. As noted before, these are snapshots of the population at the time of enumeration, and could be different in months before or after the enumeration, so should be used with other data, from labor force surveys and labor registration in assessing the relationship between government and private sector employment.

Figure 23 – Percent CNMI Government Workers, CNMI: 2005 and 2016



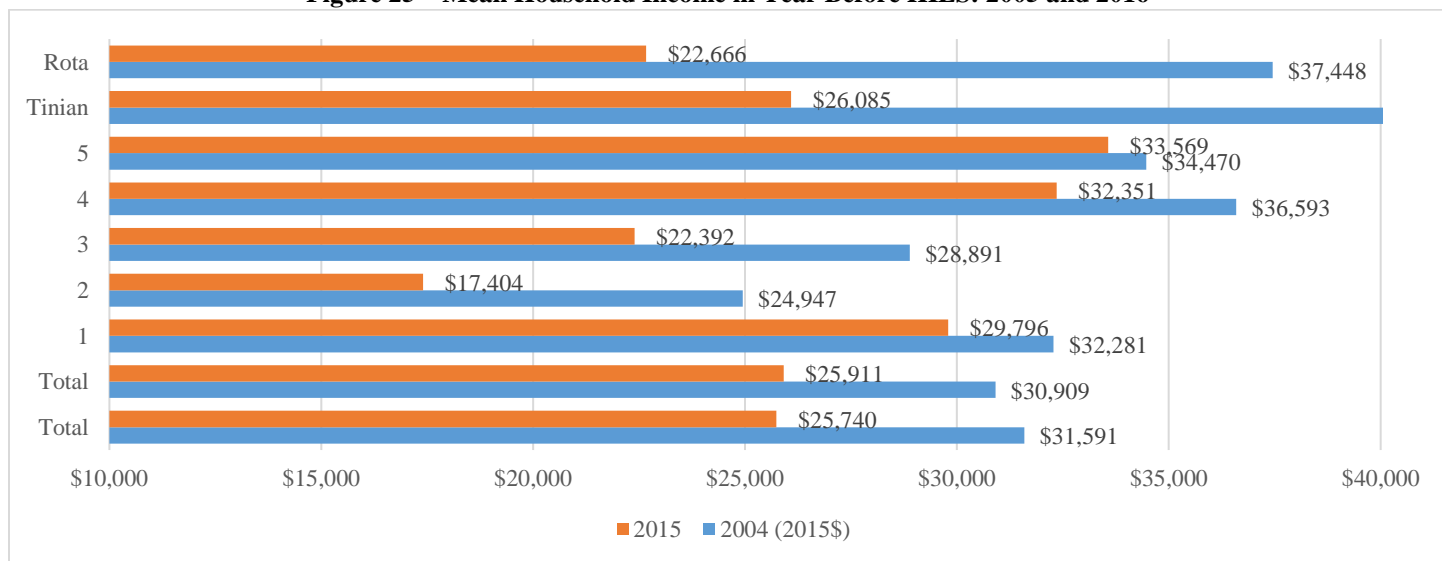
The median household income, adjusted for inflation, decreased between 2005 and 2016. Median income is the usual measure, rather than mean or average income to account for outliers. Although CNMI uses the data collected from the HIES to determine a new market basket and then the Consumer Price Index to determine changes in buying power and inflation, usually income measures apply the U.S. standard inflation factors when assessing changes in incomes across time. That value was 1.255 for the period 2004 to 2015, measuring income in the year before the census. By this measure, the median household income in the CNMI decreased from just over \$20,000 in 2004 to somewhat less than \$20,000 in 2016. All the Saipan Districts except District 4 saw decreases over the period, but District 4 increased from a household median income of about \$24,000 to almost \$30,000. Tinian’s median household income decreased by about one-third during the period, while Rota’s decreased by about half.

Figure 24 – Median Household Income in Year Before HIES: 2005 and 2016



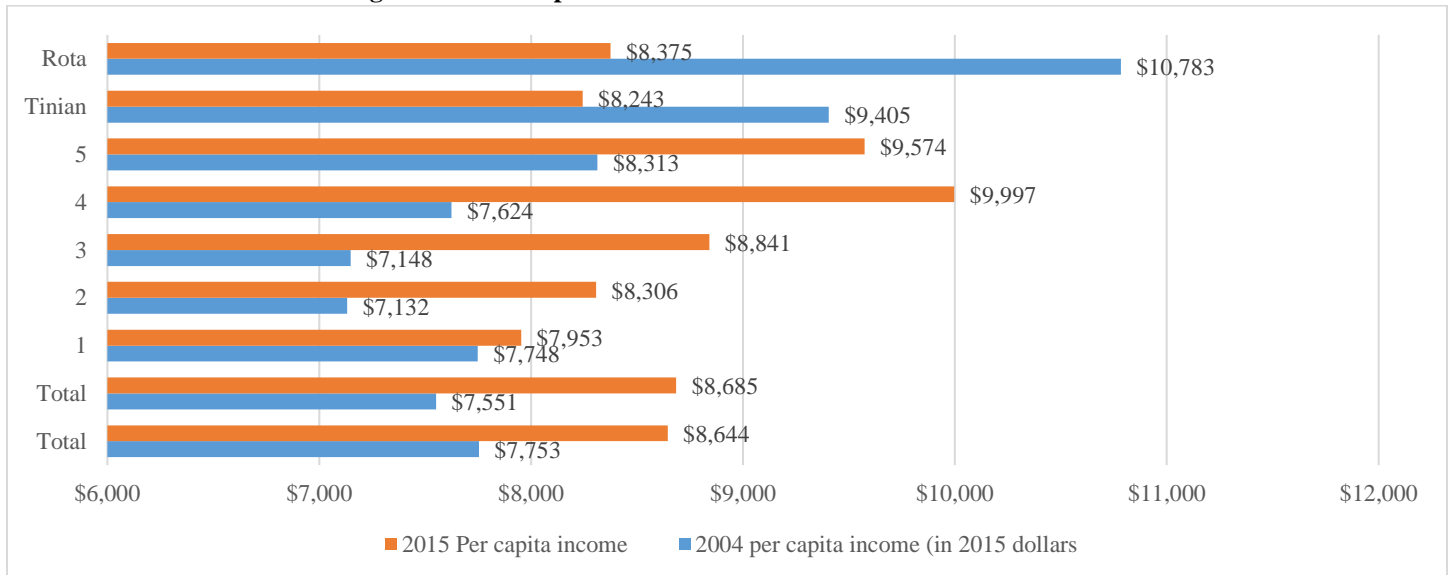
The mean household income does include outliers, so those households making significantly more income will push the average up. By this measure, again with inflation applied to the 2004 values, the mean household for the CNMI decreased from about \$30,000 in 2005 to about \$25,000 in 2016. All the Saipan Districts saw decreases as did both Tinian and Rota, which decreased by half, assuming the inflation factor used for the States applies for the CNMI.

Figure 25 – Mean Household Income in Year Before HIES: 2005 and 2016



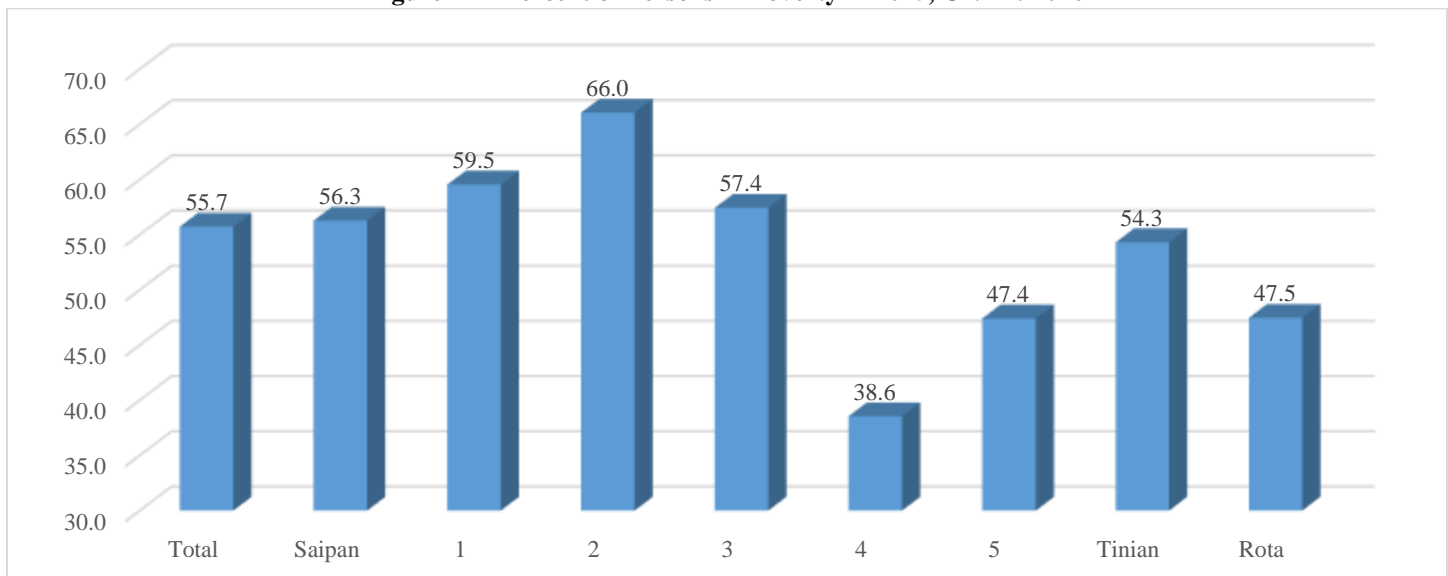
Per capita income is obtained by dividing all the income earned by all paid workers by everyone living on the islands at the time. For our purposes, we applied the U.S. inflation to the 2005 total earned income. Here, the results are “better”. The per capita income increased from less than \$8,000 in 2004 to more than \$8,000 in 2016. All the Districts on Saipan saw increases in per capita income during the 11 years. However, both Tinian and Rota saw decreases, with Rota seeing a decrease of about \$2,000 a year per person.

Figure 26 – Per capita income in Year before HIES: 2005 and 2016



About 56 percent of CNMI’s population was living in poverty in 2015 by the U.S. Census Bureau’s definition. This rate is higher than it would be in access to traditional lands and housing were monetized, and if the CNMI had and could maintain a work force at the U.S. minimum wage. But, the values are very high, and require various Federal Programs like Snap and WIC to offset the low wages and other incomes in the Commonwealth. The percentage in poverty was highest in District 2, where 2 of every 3 people were below the poverty threshold compared to less than 2 in 5 in District 4. About 54 percent of those in Tinian were in poverty compared to about 48 percent (so less than half) of Rota’s population.

Figure 27 – Percent of Persons in Poverty in 2015, CNMI: 2016

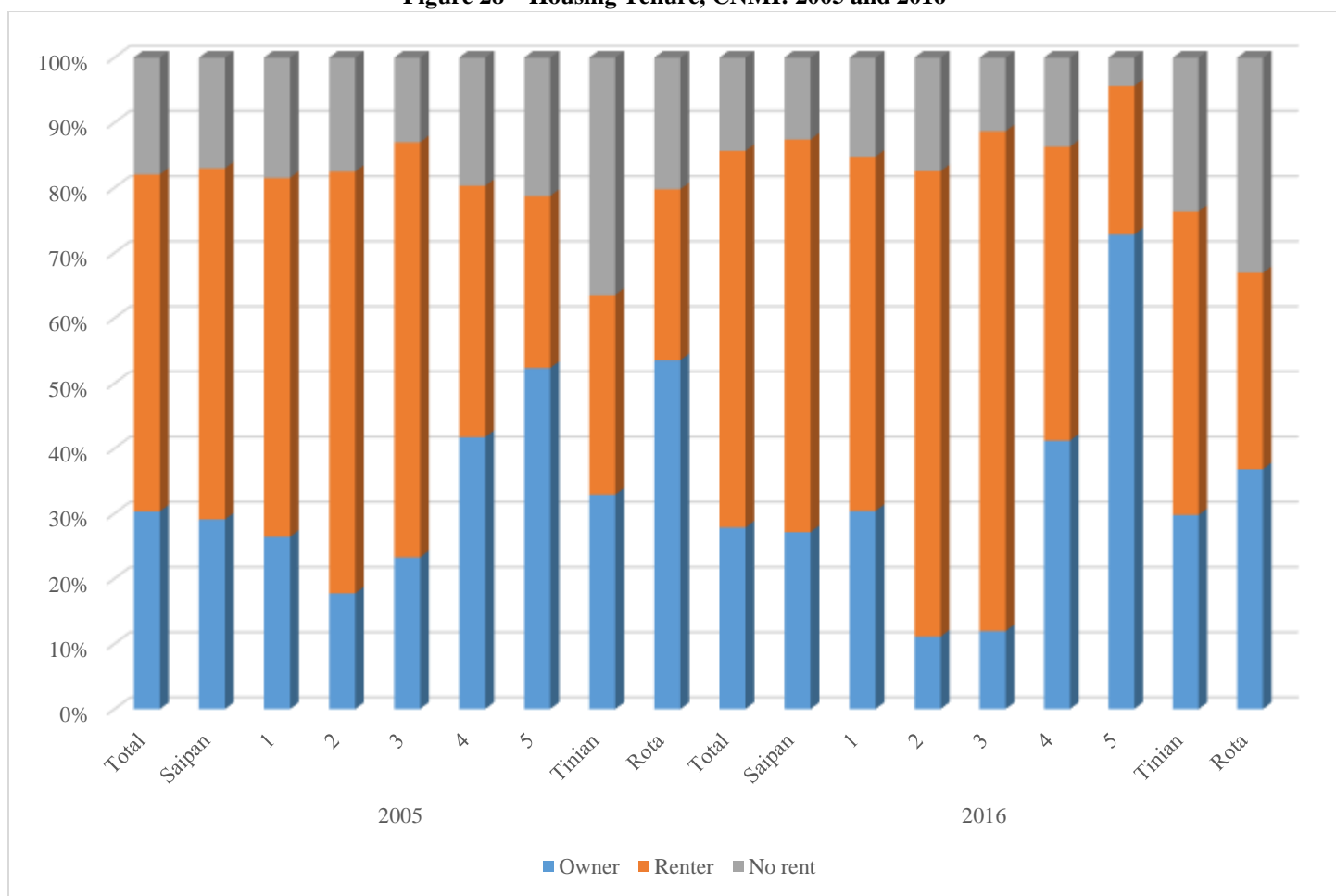


HOUSING

The 2005 and 2016 both asked a series of housing questions, with most of the items being the same in the two enumerations. The type of housing often shows wealth, and in many countries zoning requires different types of housing, and housing separate from commercial endeavors. The CNMI, however, does not have Western-style zoning, so housing is not consistent within a small area. Traditionally, housing was only “owned”, not rented, but with foreigners in the Commonwealth, and some natives also not having access to their own housing, renting has been very frequent in recent years.

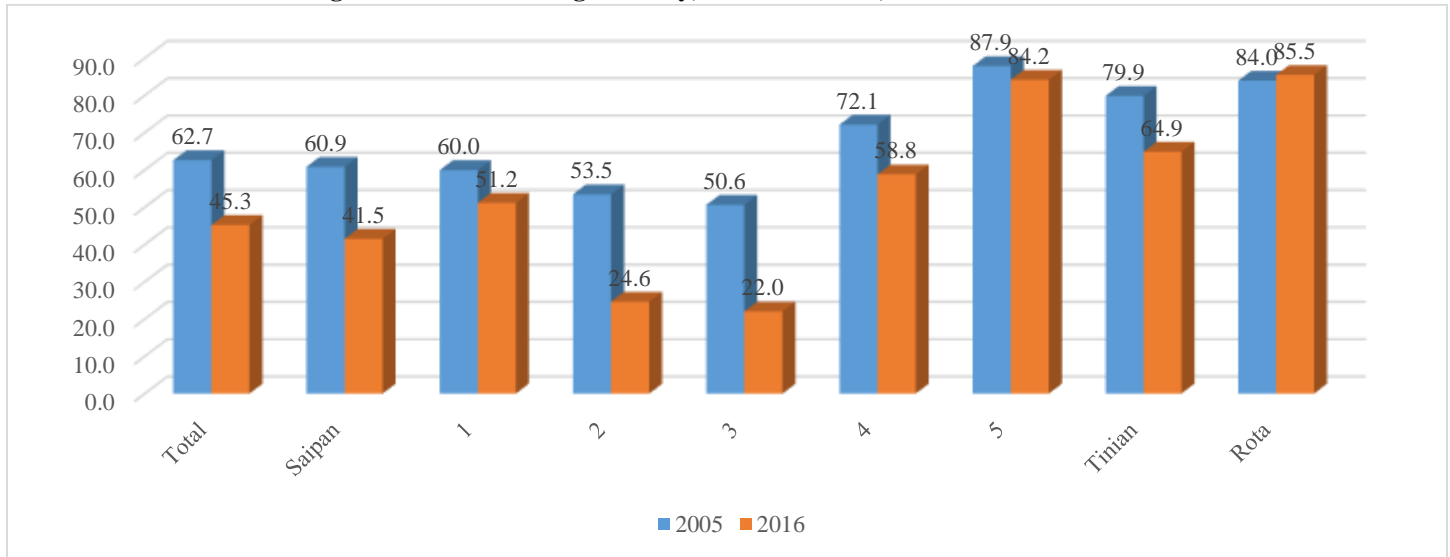
About half of all units in the CNMI were rented in 2005 and a larger percentage were rented in 2016, particularly in Districts 2 and 3. Rota had the smallest percentage of rented; District 5 had the highest percentage of owner-occupied units.

Figure 28 – Housing Tenure, CNMI: 2005 and 2016



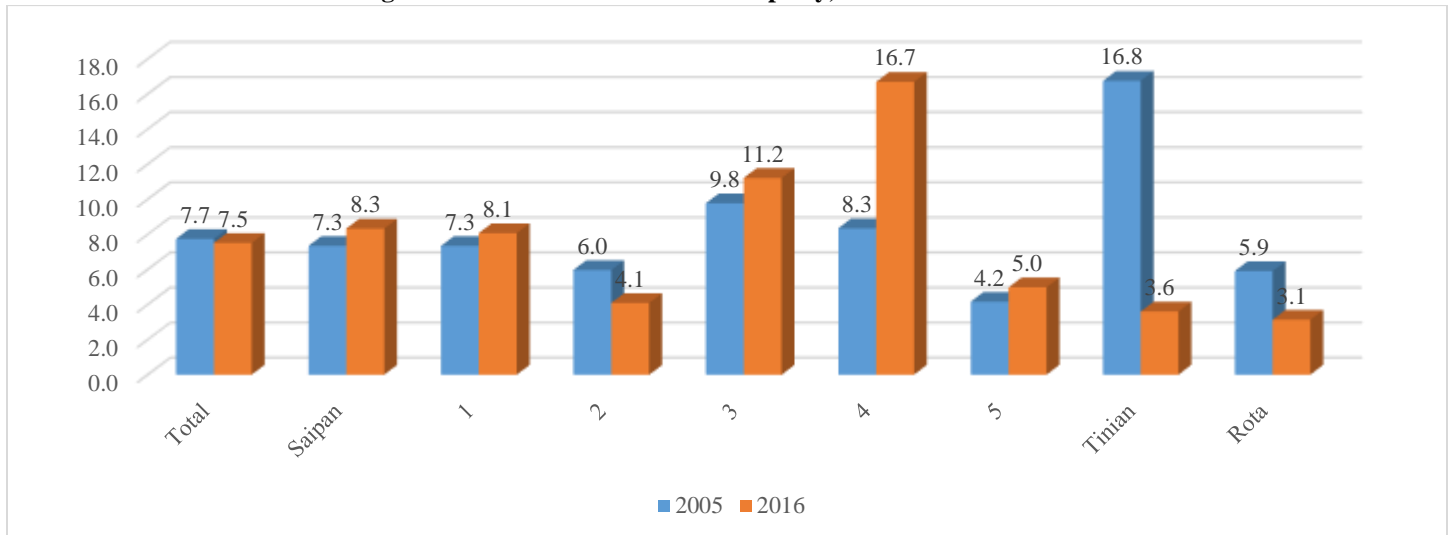
Between 2005 and 2016 more families moved into apartment and other multiple family dwellings. While 63 percent of the housing units were single-family detached units in 2005, but that decreased to just 45 percent in 2016. A detached unit is not attached to any other housing unit or business; so, if a mom and pop store is at the front of the housing unit, that unit is not considered detached. The percentage living in single-family detached housing units in Rota increased slightly to about 86 percent, but all other districts and Tinian decreased during the period. In District 3, for example, the percentage living in single family detached units decreased from about half in 2005 to less than 1 in 4 in 2016. The largest percentage living in single-family units was District 5, with 88 percent in 2005 decreasing only slightly to 84 percent in 2016.

Figure 29 – Percent Single Family, Detached Units, CNMI: 2005 and 2016



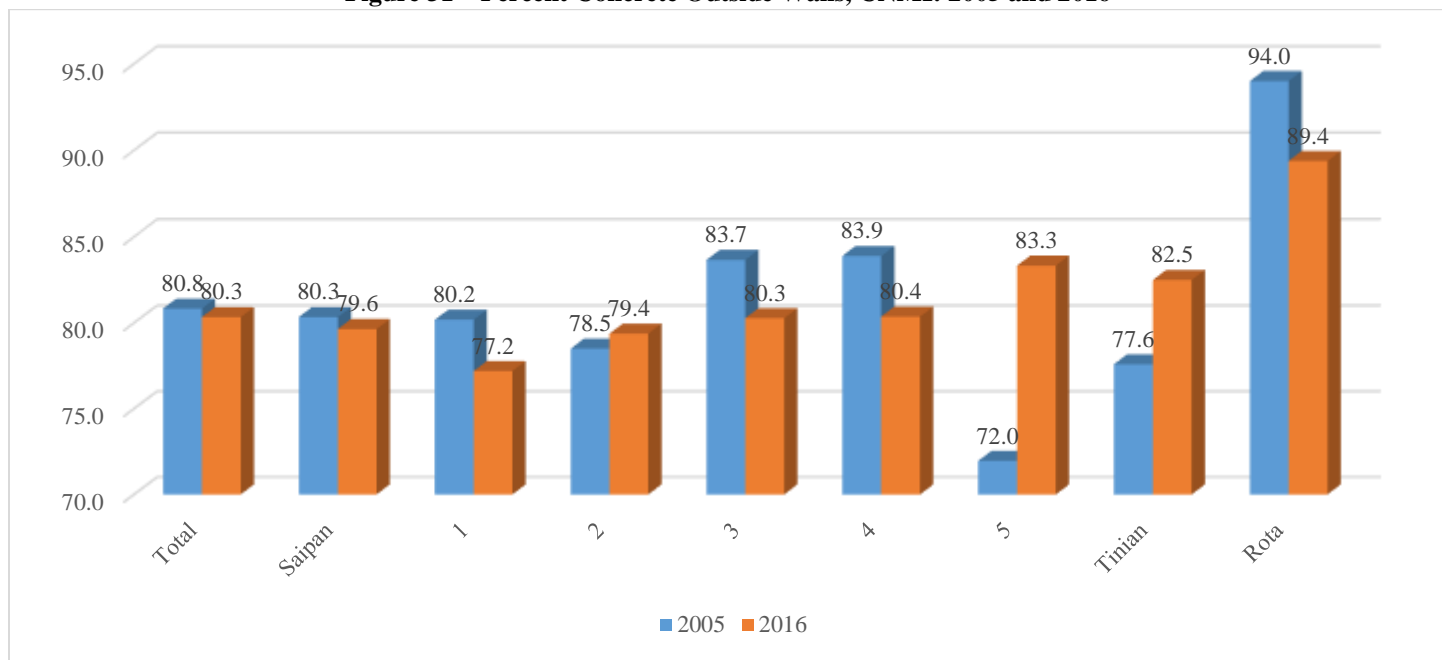
The percent of units with businesses attached stayed about the same in 2016 as in 2005, at about 8 percent of the units. A business could be a mom and pop store or a doctor’s office or poker place or some other commercial enterprise. Some of the numbers seem somewhat suspect. According to the surveys, about 17 percent of the Tinian units in 2005 had a business decreasing to about 4 percent in 2016; and about 8 percent of the District 4 units had a business in 2005 but that increased to 17 percent in 2016. About 8 percent of the Saipan units in 2016 were attached to a business compared to 4 percent for Tinian and about 2 percent for Rota.

Figure 30 – Percent Business on Property, CNMI: 2005 and 2016



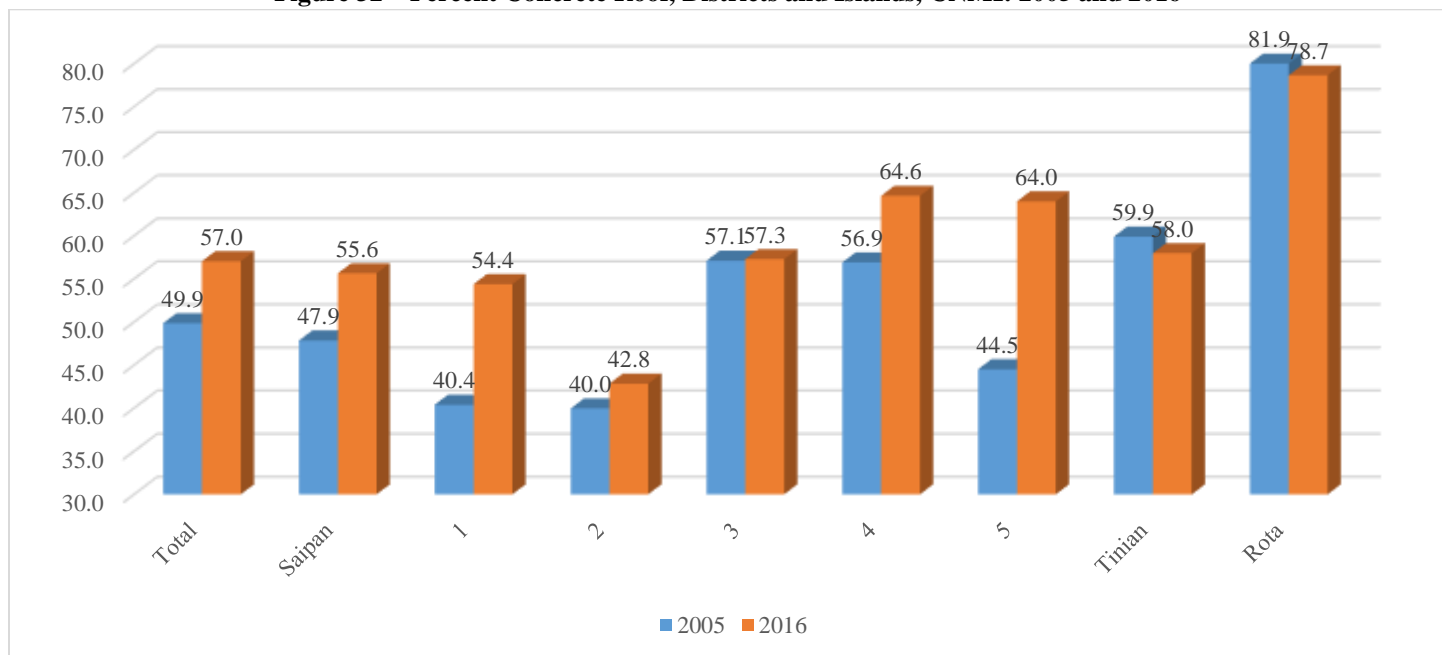
About 4 in every 5 units had poured concrete or concrete block walls in both 2005 and 2016. About 9 in 10 of Rota’s units were concrete walled but this value had decreased from 2005. The percentage of units with concrete walls increased from 72 to 83 percent in District 5 and from 78 to 82 percent on Tinian. Most of the others saw small increase or decreases over time.

Figure 31 – Percent Concrete Outside Walls, CNMI: 2005 and 2016



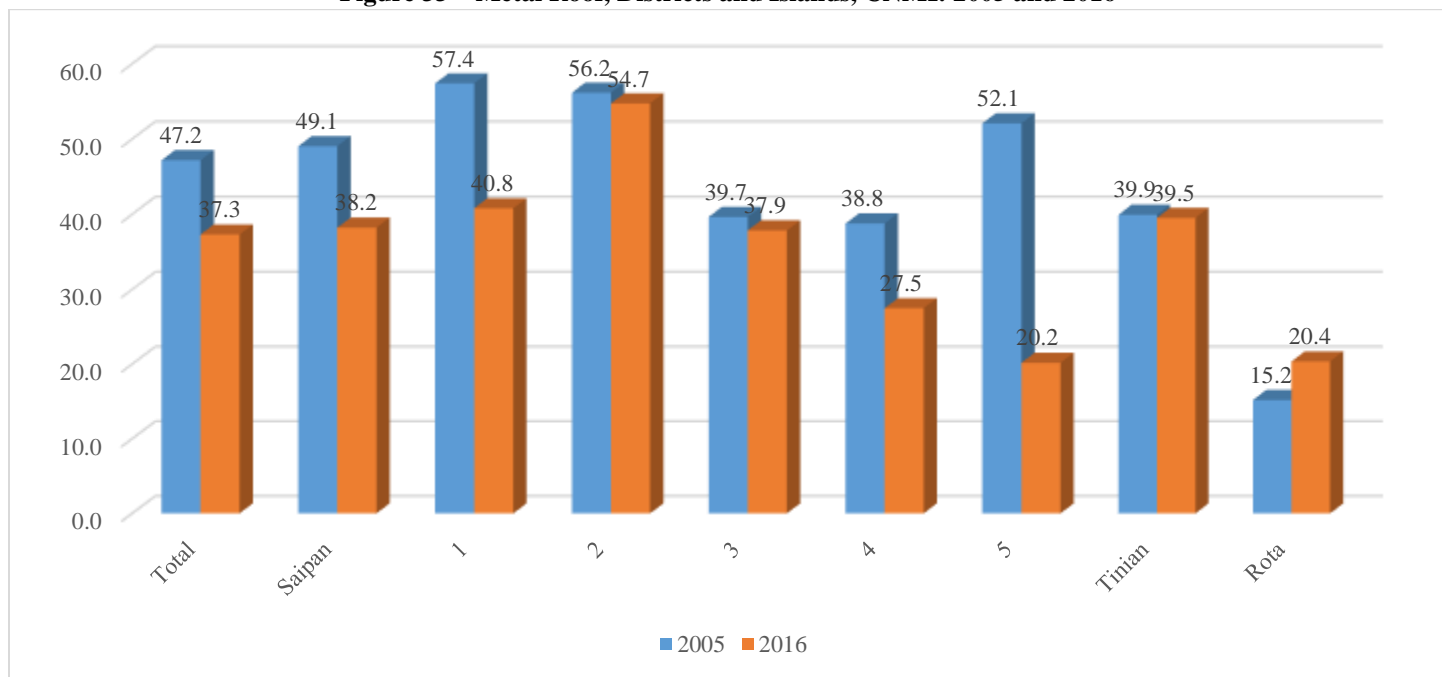
About half the roofs in 2005 were made of poured concrete, but that percent increased to 57 percent in 2016. About 4 in every 5 of Rota’s units in both surveys had concrete roofs, and about 3 of 5 for Tinian. About 2 in 3 of the units in Districts 4 and 5 had concrete roofs compared to only 2 in 5 for District 2 and about half of those in Districts 1 and 3.

Figure 32 – Percent Concrete Roof, Districts and Islands, CNMI: 2005 and 2016



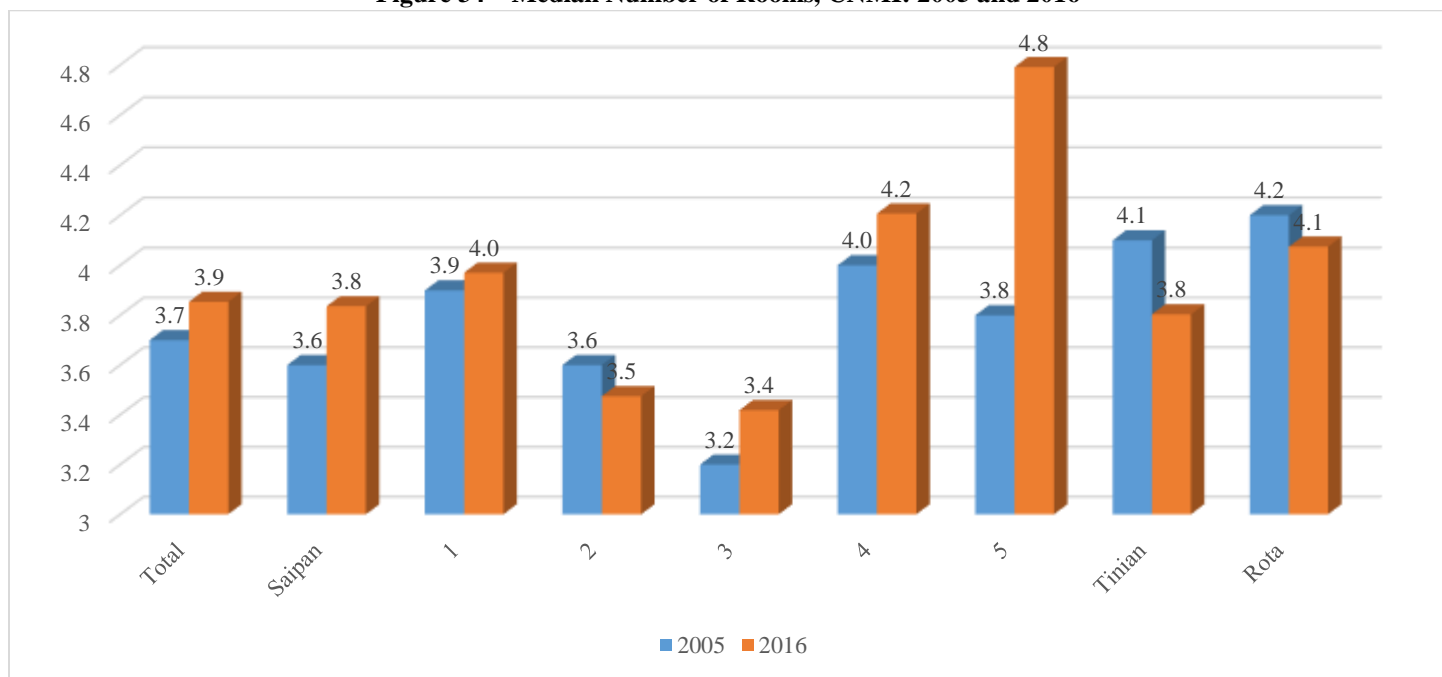
Most of the rest of the roofs were made of metal. The percent of units having metal roofs decreased from 47 to 37 percent during the 11 years. About 2 in 5 of Tinian’s roofs were metal in 2016 compared to about 1 in 5 for Rota. More than half the units in Districts 1,2, and 5 had metal roofs in 2005, but by 2016 all except District 2 saw large decreases. In 2016, only 1 in 5 of the District 5 units had metal roofs.

Figure 33 – Metal Roof, Districts and Islands, CNMI: 2005 and 2016



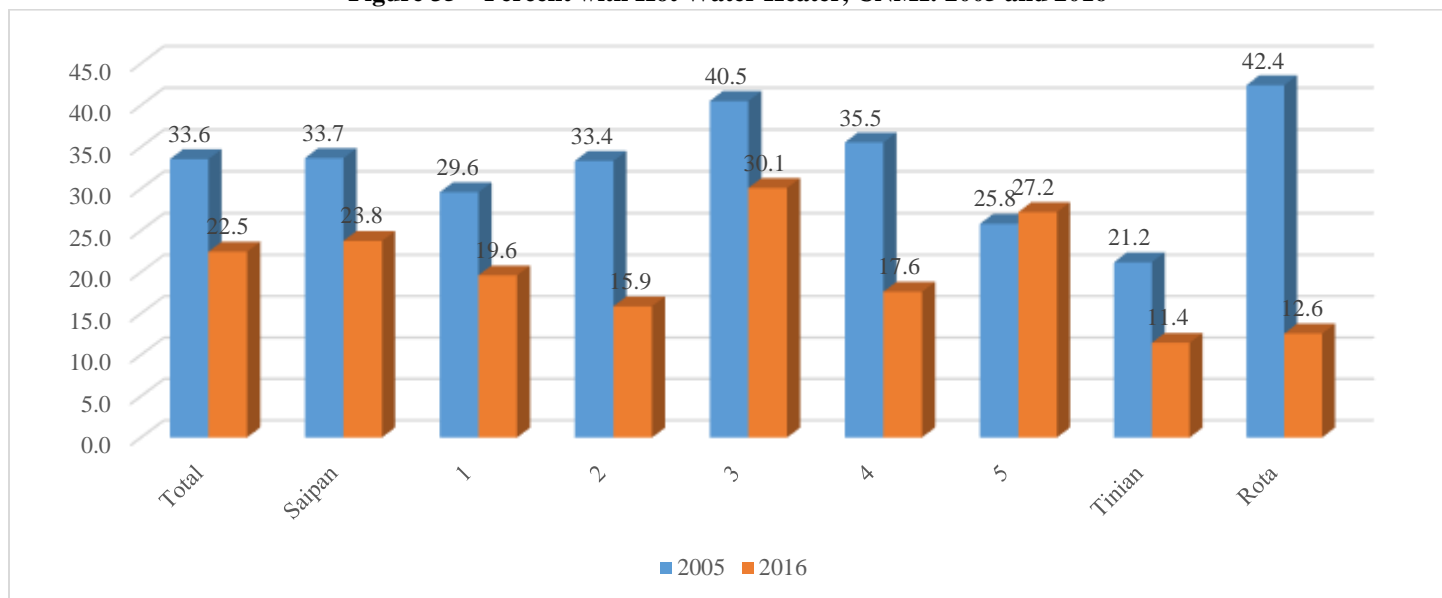
The median number of rooms did not change very much between 2005 and 2016, increasing from about 3.7 to 3.9 during the period, around 4 rooms per unit. The size of housing units increased by about 1 room during the period in District 5, but otherwise the changes were small, with Tinian and Rota decreasing a little.

Figure 34 – Median Number of Rooms, CNMI: 2005 and 2016



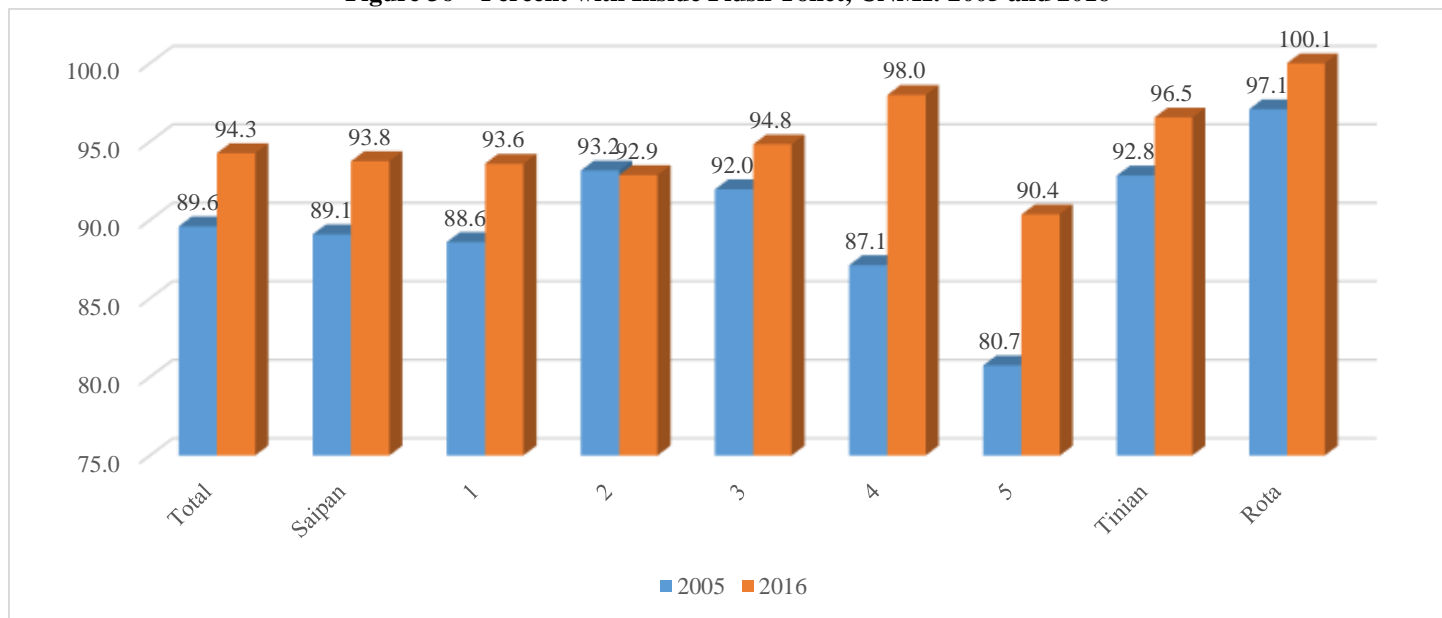
Hot water is not considered a necessity in the CNMI because the climate is already so hot. And, heating the water can be very expensive. So, while about 1 in 3 units in 2005 had hot water, this was true for only about 1 in 4 in 2016. Rota saw the biggest decrease, from 42 percent to 13 percent. Tinian and most of the districts also saw decreases. However, District 5 had a slight increase.

Figure 35 – Percent with Hot Water Heater, CNMI: 2005 and 2016



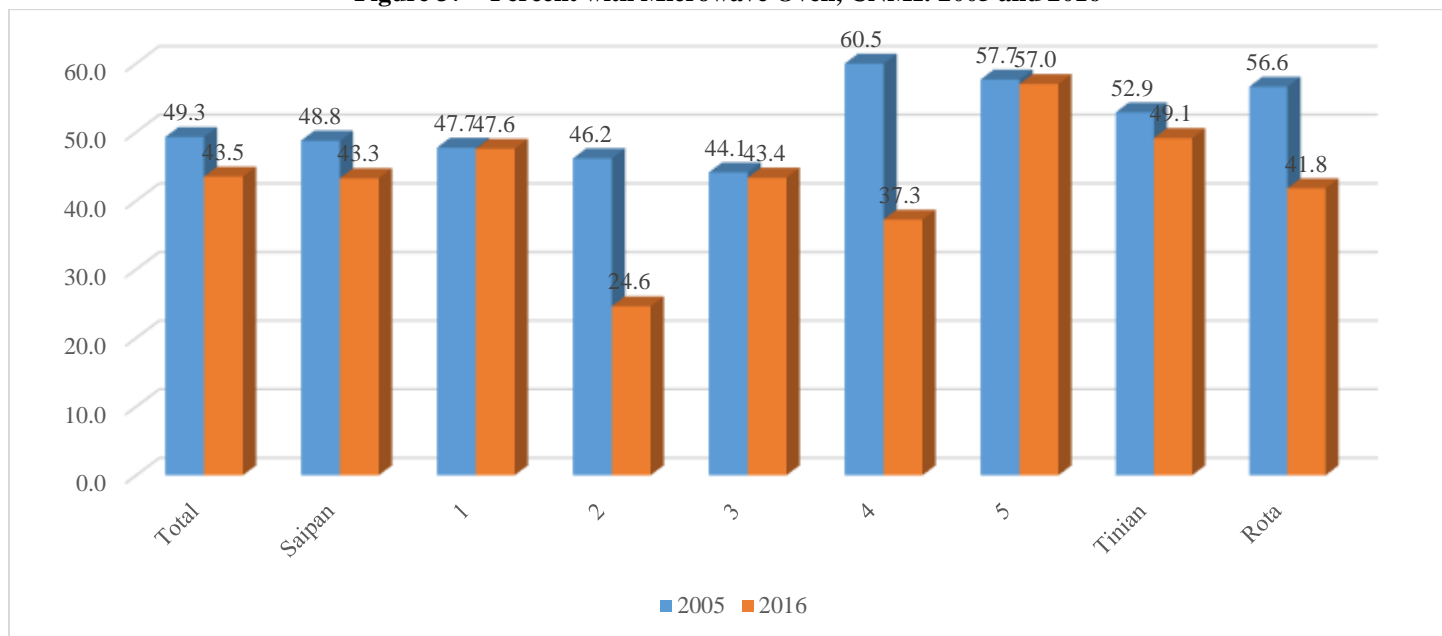
As CNMI has come into the 21st century, almost all units now have flush toilets. When the huge influx of foreign workers came in during the 1990s and early 2000s, some sub-standard housing was built and occupied, but now many units are vacant. Most of the remaining units have toilets. The percentage of units with an inside flush toilet increased from 90 to 94 percent between 2005 and 2016. All of Rota’s selected units in the survey had at least one flush toilet as did 97 percent of those on Tinian. District 4 was the most likely to have a flush toilet, at 98 percent, up from 87 percent 11 years before. All Districts saw more than 90 percent of the units with a flush toilet.

Figure 36 – Percent with Inside Flush Toilet, CNMI: 2005 and 2016



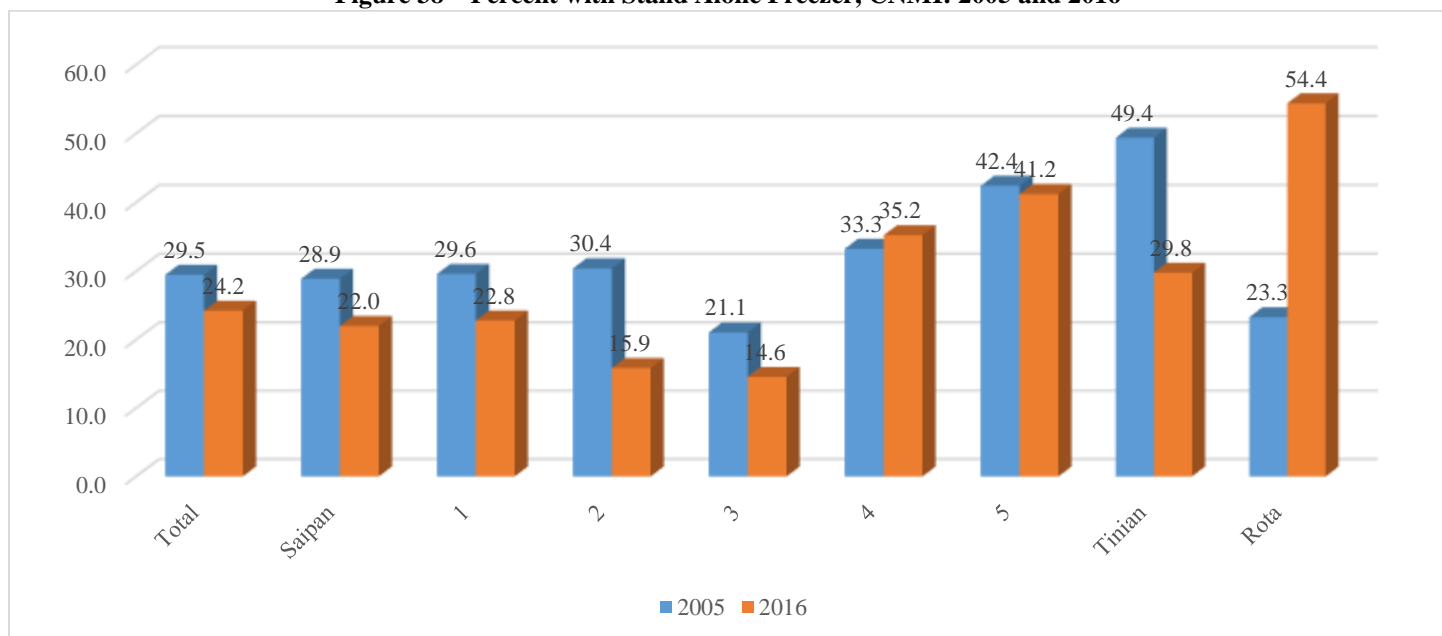
Having a microwave oven is both an indicator of wealth – although they have become cheaper and cheaper – and as an energy using source. The percentage of units with microwave ovens went down between 2005 and 2016, from about 49 percent to 44 percent during the period. Every District and Rota and Tinian all saw decreases.

Figure 37 – Percent with Microwave Oven, CNMI: 2005 and 2016



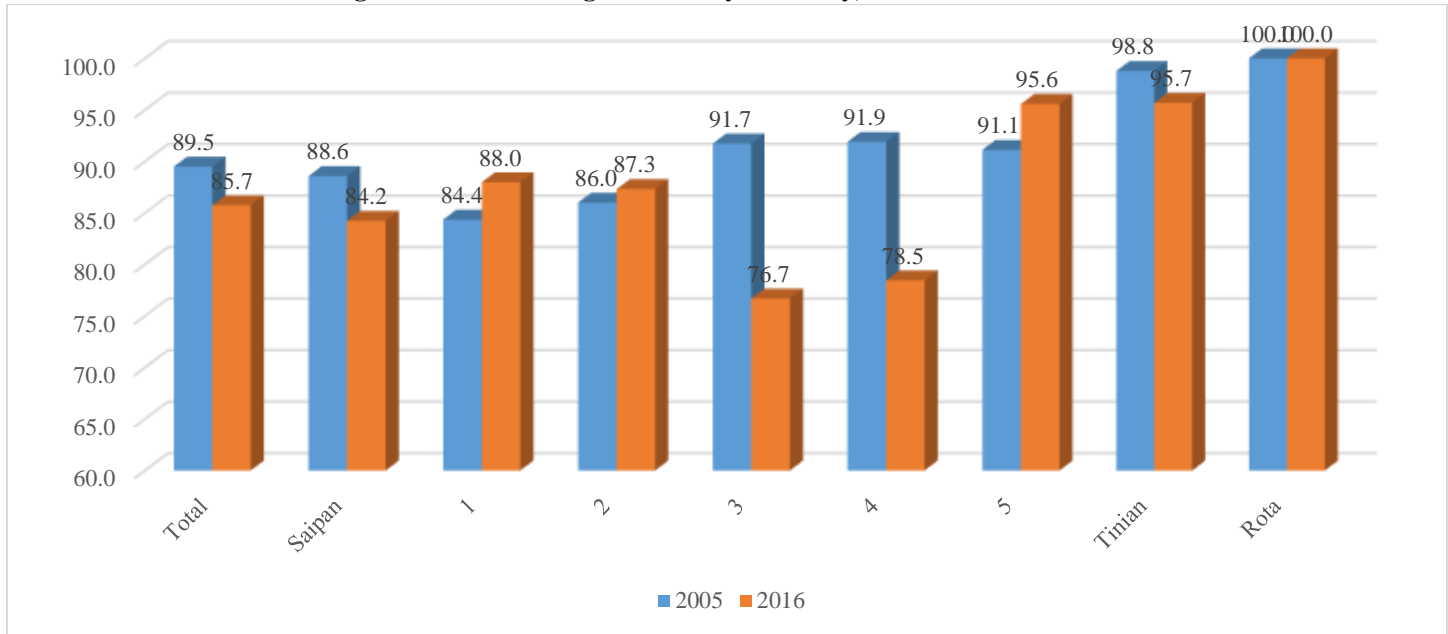
A stand-alone freezer is also both a wealth indicator and an energy user. The percentage of units with a freezer decreased during the period, from 30 to 24 percent. All the Districts and Tinian saw decreases (for Tinian the percent went from 49 to 30). However, the percentage of units with freezers on Rota increased from 23 percent in 2005 to 54 percent in 2016, more than doubling as a percent.

Figure 38 – Percent with Stand Alone Freezer, CNMI: 2005 and 2016



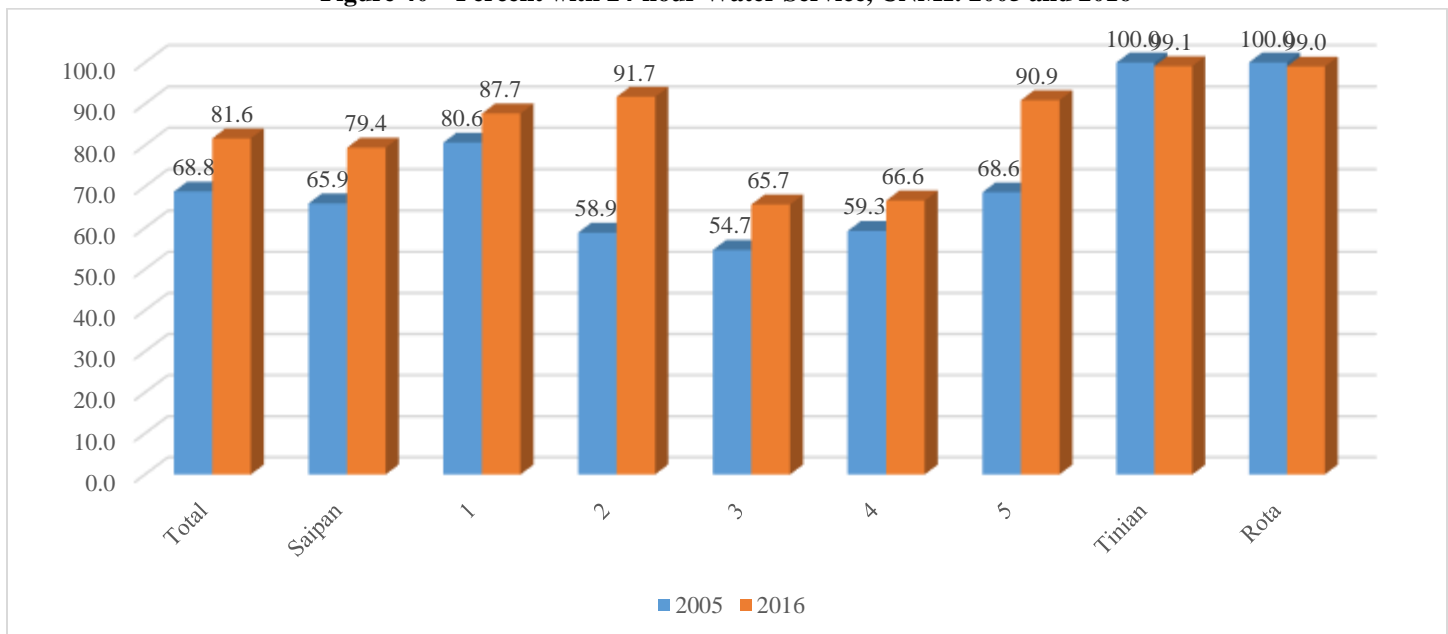
The questionnaire asked whether the unit was connected to a public system to get water, or whether it was connected to a public system but also had some auxiliary method of obtaining water. Most of the units were connected to the public system only. All the units on Rota were connected and about 96 percent of those on Tinian. But, only about 3 in 4 units in districts 4 and 5 were connected to the public system.

Figure 39 – Connecting to Public System Only, CNMI: 2005 and 2016



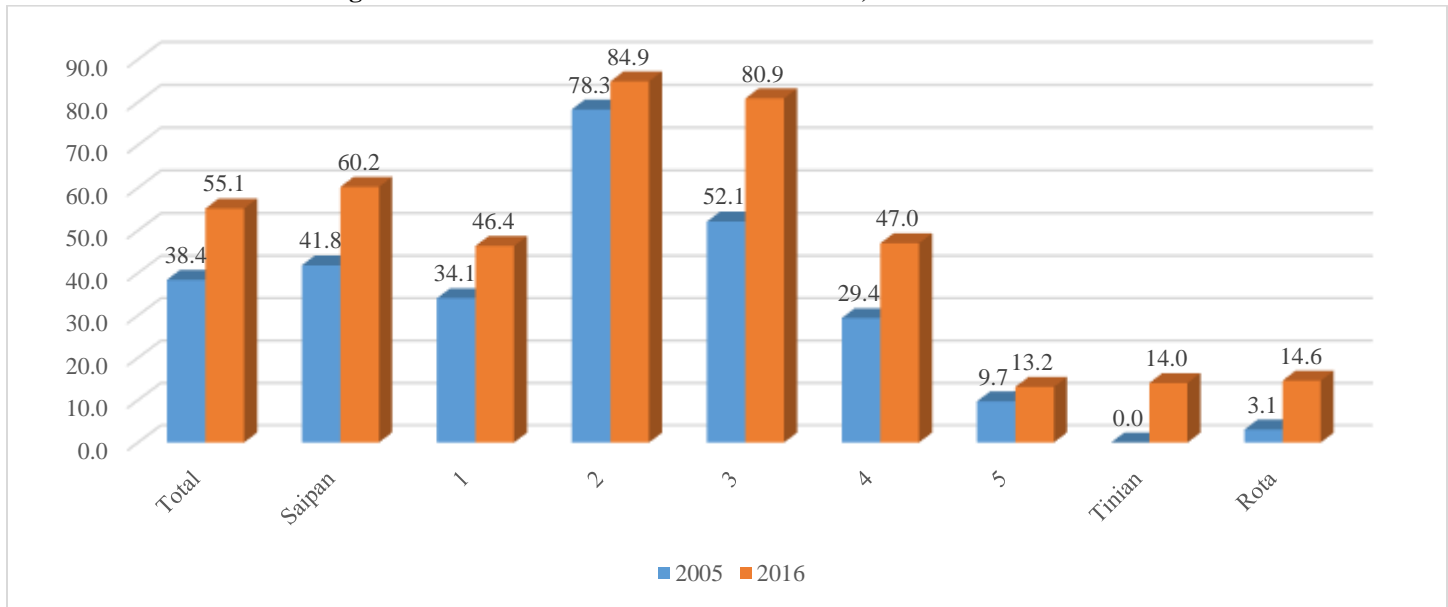
The percentage of units getting 24-hour water service increased from 69 to 82 percent during the 11 years between surveys. Almost all the units on Tinian and Rota had 24-hour service, and about 4 in every 5 of Saipan’s unit had complete daily service. However, only about 2 in every 3 of the units in Districts 3 and 4 had 24-hour service, pulling down the Saipan average.

Figure 40 – Percent with 24-hour Water Service, CNMI: 2005 and 2016



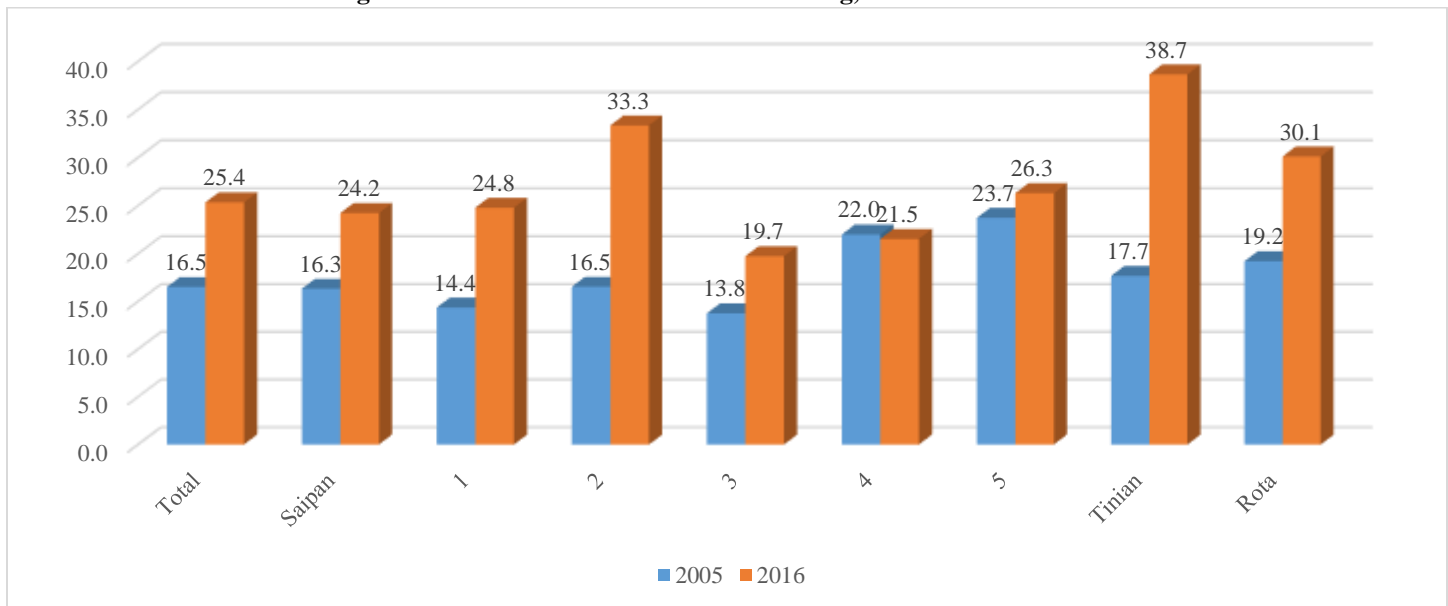
About 1 in every 4 housing units in the 2005 household survey were connected to a public sewer, but by 2016, more than 55 percent were connected. As would be expected, connections for Rota and Tinian were much lower, at 14 percent for Tinian and 15 percent for Rota in 2016. Almost 85 percent of the units in District 2 were connected to the public sewer, as were 81 percent of those in District 3. However, only 13 percent of the units in District 5 had that connection. Those units not connected to the sewer system had to continue to use cesspools or septic tanks.

Figure 41 – Percent Connected to Public Sewer, CNMI: 2005 and 2016



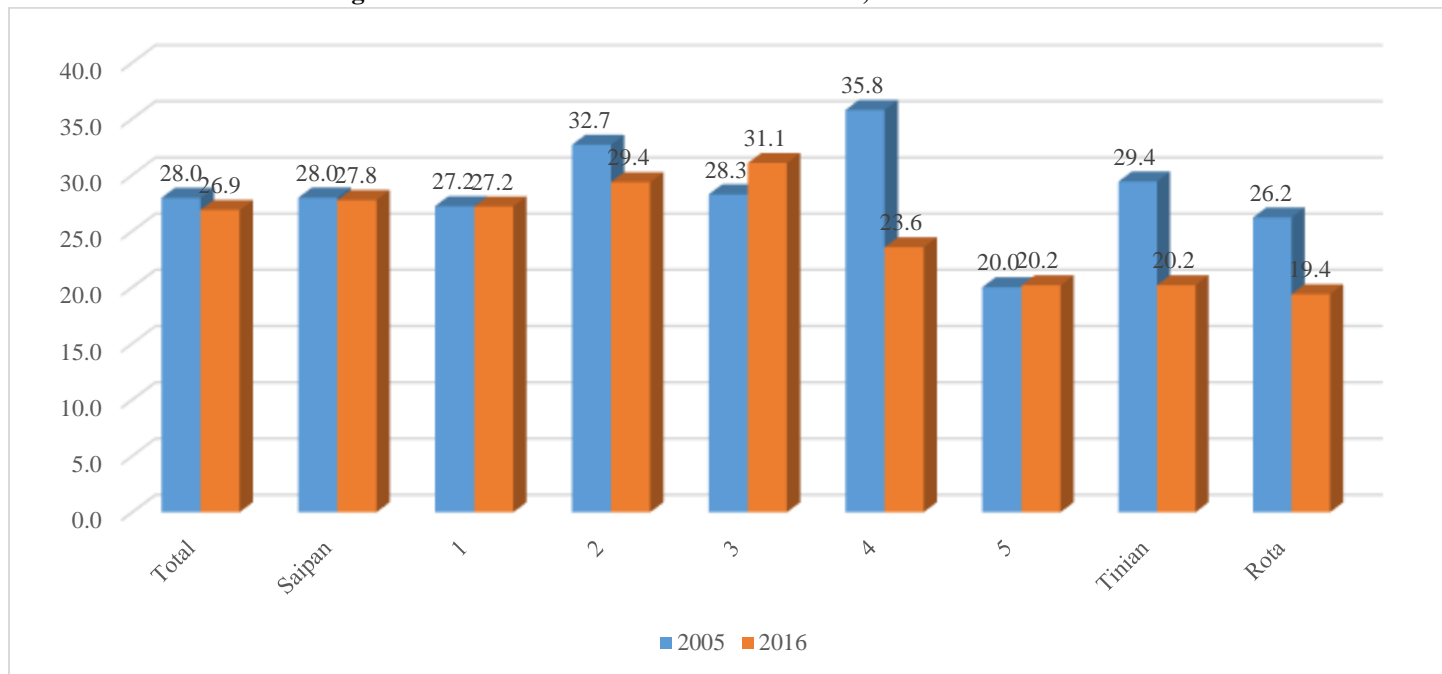
Air conditioning has only come to CNMI in more usage recently. In 2005, only 1 in 6 units had air conditioning, but by 2016, 1 in 4 units had either room air conditioners or central air conditioning. The amount of air conditioning has an impact on the public utilities, so this may be considered for government planning. While about 30 percent of Rota’s units in 2016 had air conditioning, as much as 39 percent of Tinian’s unit did, as did 24 percent of Saipan’s units. About 1 in every 3 of the units in District 2 had air conditioning, compared to 1 in 7 for District 1 and 20 percent for District 3.

Figure 42 – Percent with No Air Conditioning, CNMI: 2005 and 2016



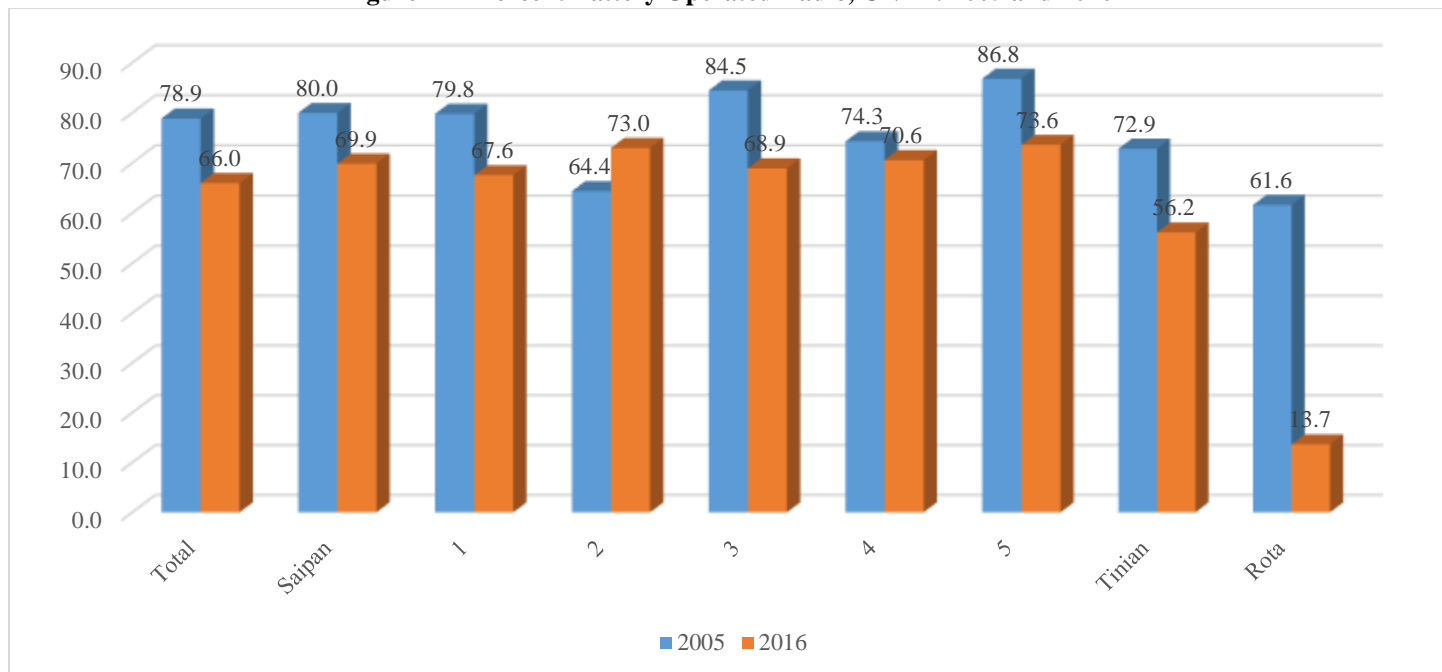
The percentage of units with no vehicle available stayed about the same over the 11 years, at about 27 percent in 2016 on Saipan. The percentages of units in Tinian and Rota, however, decreased – from 29 to 20 percent for Tinian and 26 to 19 percent for Rota, meaning more units had cars. While Districts 2 and 4 saw an increase in percentage in the percent with cars, District 3 saw an increase in units without a vehicle.

Figure 43 – Percent with No Vehicles Available, CNMI: 2005 and 2016



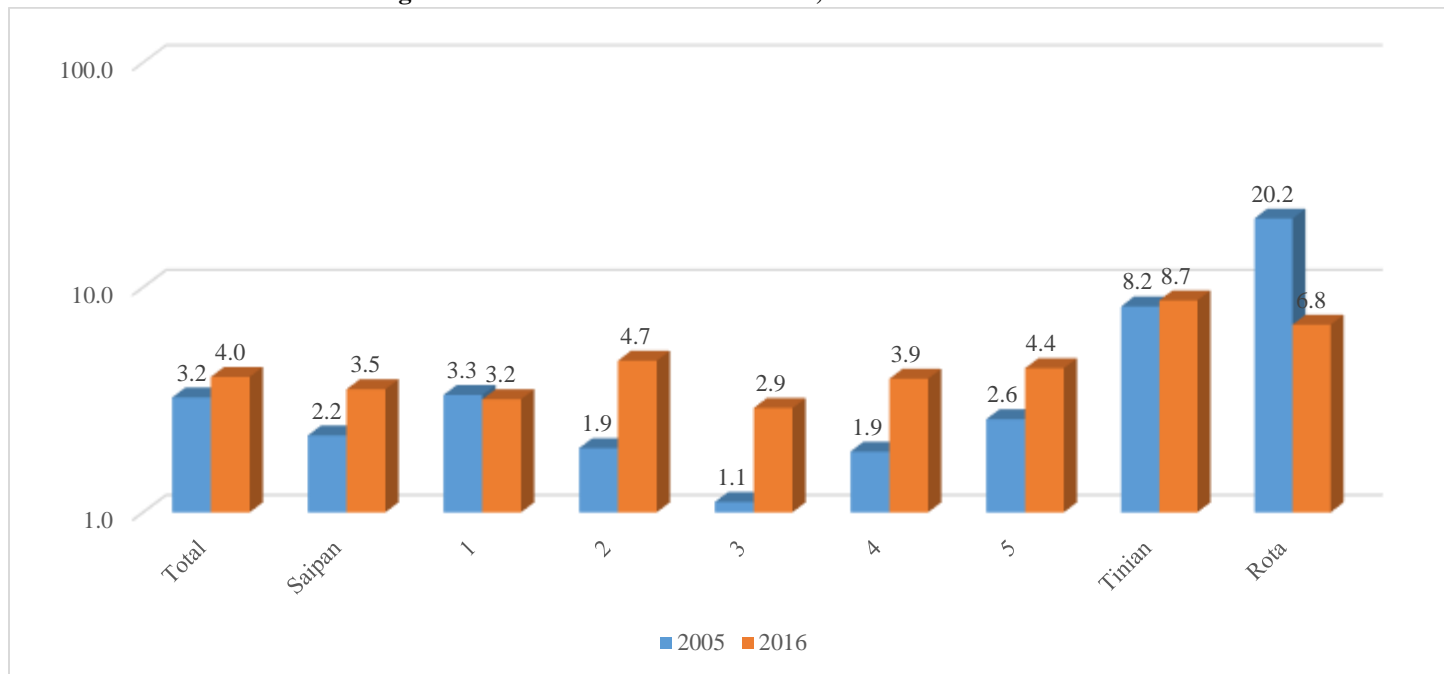
The percent with a battery-operated radio decreased during the period, probably because of the increased use of smart phones. Traditionally, battery operated radios were needed in times of disasters, but cell phones now serve that purpose. Most of the units, except on Rota in 2016, continued to have radios.

Figure 44 – Percent Battery Operated Radio, CNMI: 2005 and 2016



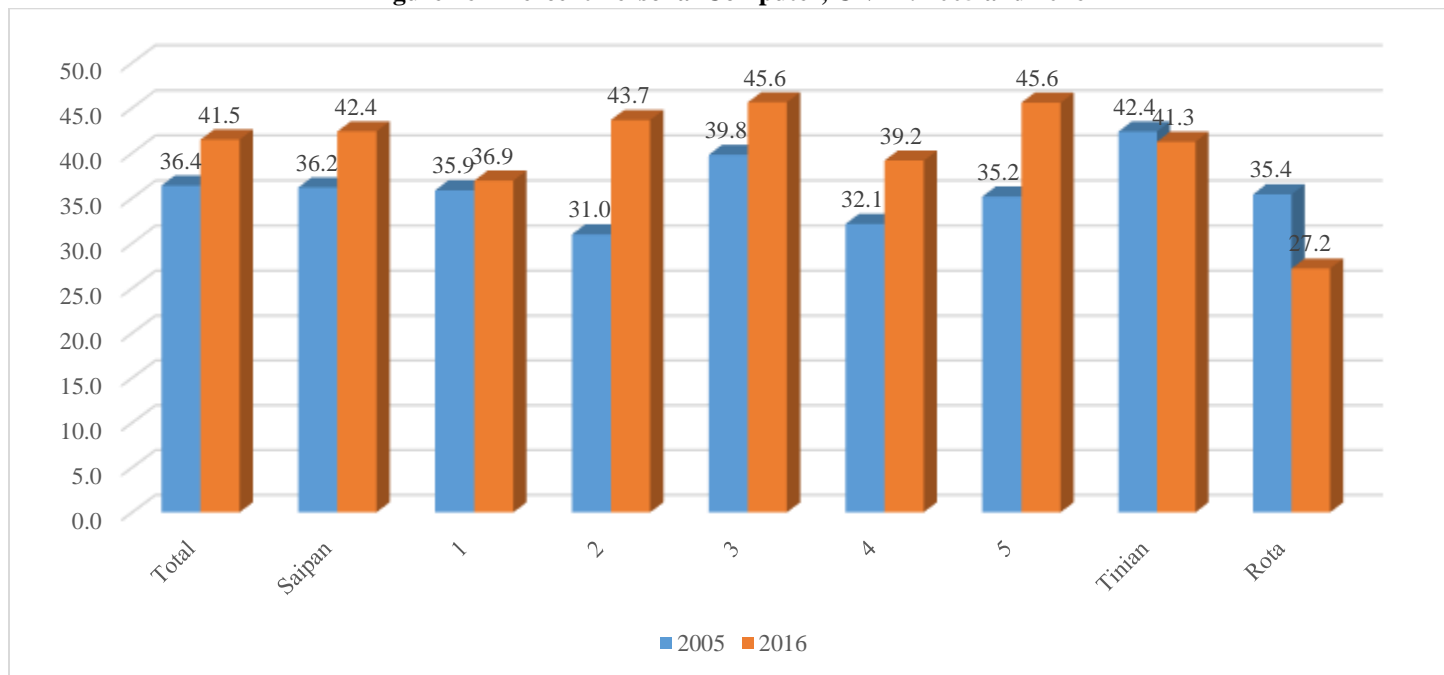
For some households, a boat is a necessity as they use it for fishing for subsistence. However, most units did not have a boat, either in 2005 or 2016. The percentage with a boat increased only from 3 to 4 percent. About 1 in every 5 units on Rota had a boat in 2005 but that decreased to less than half in 2016. All the others had only small percentages with boats.

Figure 45 – Percent At Least One Boat, CNMI: 2005 and 2016



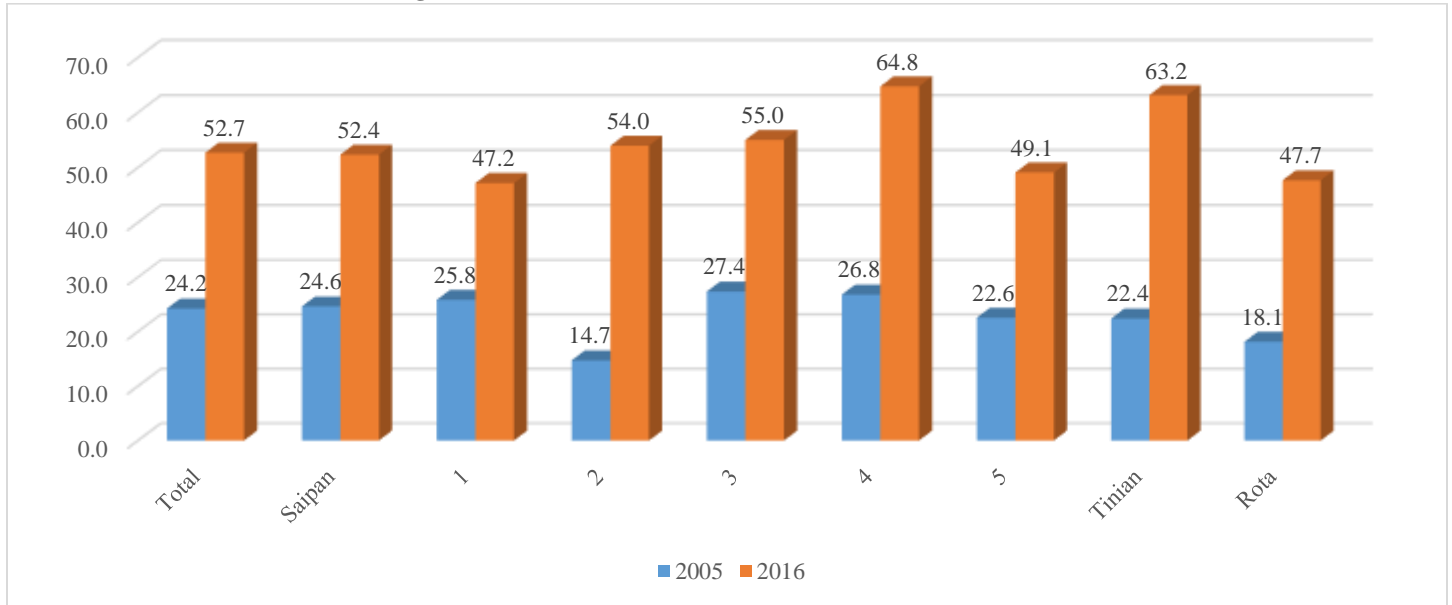
The percentage of units with a personal computer (including laptops and notebooks) increased from 36 percent in 2005 to 42 percent in 2016. While all the Districts on Saipan saw increases in personal computers, Tinian had a small decrease and Rota had a more substantial decrease, since that only 27 percent, slightly more than 1 in 4 units, had a personal computer.

Figure 46 – Percent Personal Computer, CNMI: 2005 and 2016



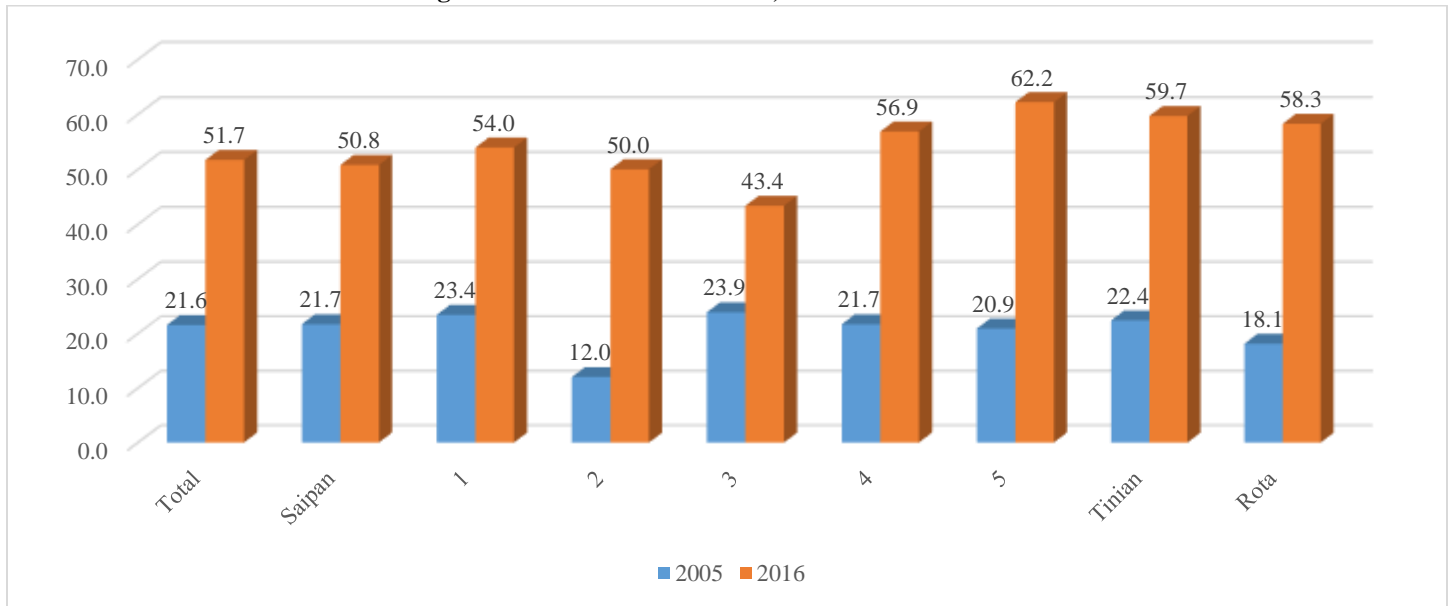
The internet was still relatively young in 2005 during the first of these two surveys. So, only about 1 in 4 of the households had internet access. The distribution was even across the districts and islands. District 2 had the lowest attachment, at 15 percent, followed by Rota at 18 percent. But by 2016, about half the housing units had internet access. Almost 2 out of every 3 housing units in District 4 had internet access, followed by Tinian, at 63 percent. While Districts 1 and 5 and Rota had the lowest internet access, even for them, about half the units had internet access in 2016.

Figure 47 – Percent Internet Access, CNMI: 2005 and 2016



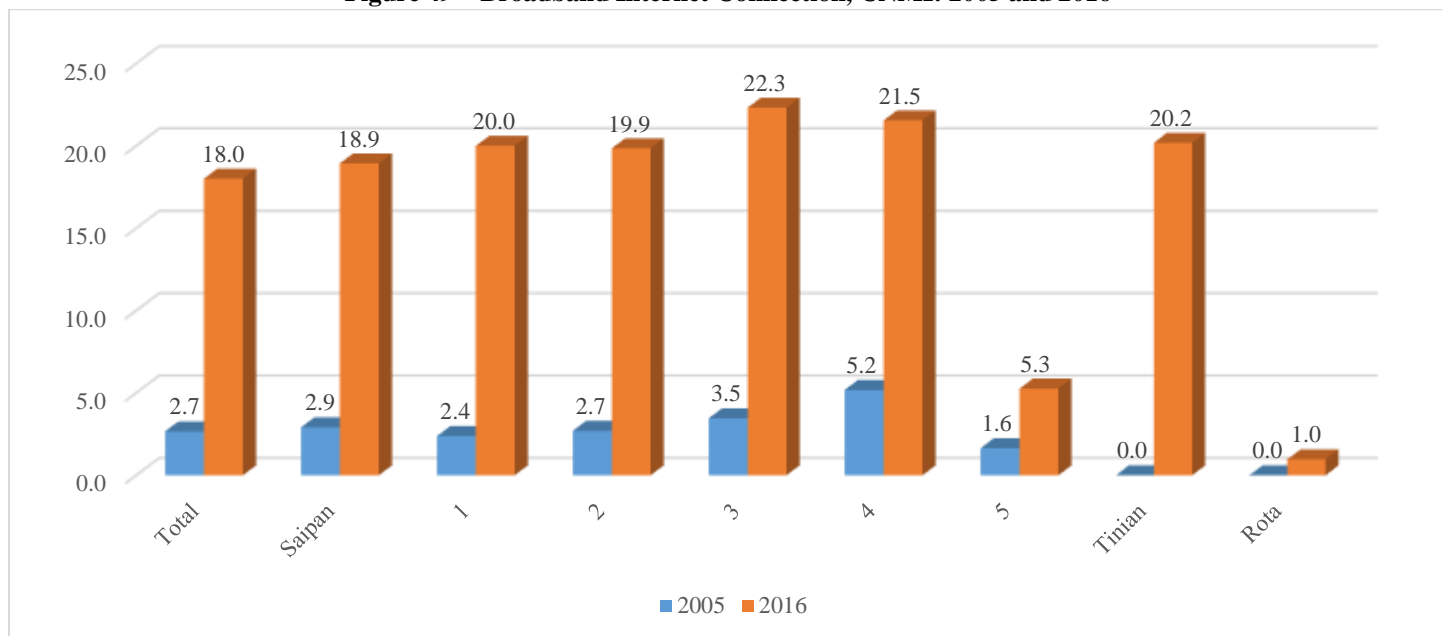
In 2005, cell phone use was not as common as it is now, particularly smart phones, so households had landlines if they could get them. With increasing cell phone use, some units are moving away from landlines. Nonetheless, in CNMI landline use increased over the period. While about 1 in 5 units had a landline in 2005, about half of the units had a phone in 2016. Only in District 3 did fewer than half of the units have a landline. District 5 saw about 62 percent with a landline.

Figure 48 – Percent Phone Line, CNMI: 2005 and 2016



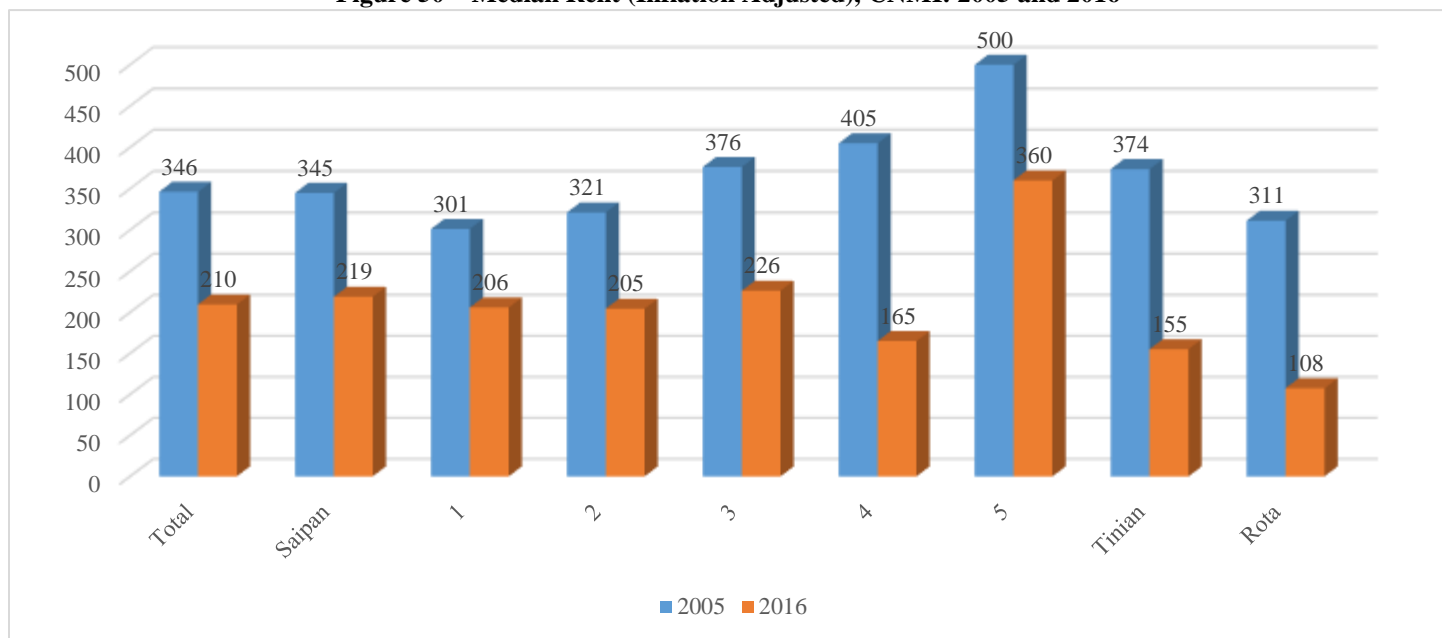
The percentage of units connected to the internet by broadband increased significantly during the 11 years. In fact, in 2005 almost no units were connected via broadband. By 2016, about 1 in every 5 units was connected. Rota continued to have almost no broadband connection, but Tinian’s was among highest use percentage-wise. Less than 5 percent of the District 5 units were connected to the internet, but the other districts had used about the same as for Saipan.

Figure 49 – Broadband Internet Connection, CNMI: 2005 and 2016



For median rent paid, we have the same problem as for the population income variables. We are forced to use the U.S. standard for inflation between the two survey years. Hence, while it looks like all Districts and Tinian and Rota seem to have decreases in rent – and this makes sense since there was less pressure on rental resources with so many people leaving the Commonwealth, the trends may be obscured by lack of knowledge of the true inflation rate for the CNMI between the enumerations.

Figure 50 – Median Rent (Inflation Adjusted), CNMI: 2005 and 2016



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Similarly, for value of unit. While the chart shows a significant decline in the value of units, from about \$120,000 in 2005 to about \$60,000 in 2016, adjusted for inflation, it is not clear whether we have the correct inflation factor. Nonetheless, it is very likely that the value of housing did decline in the period because of the out-migration. All Districts and Tinian and Rota saw decreases in the median value of housing.

Figure 51 – Median House Value (Inflation Adjusted), CNMI: 2005 and 2016

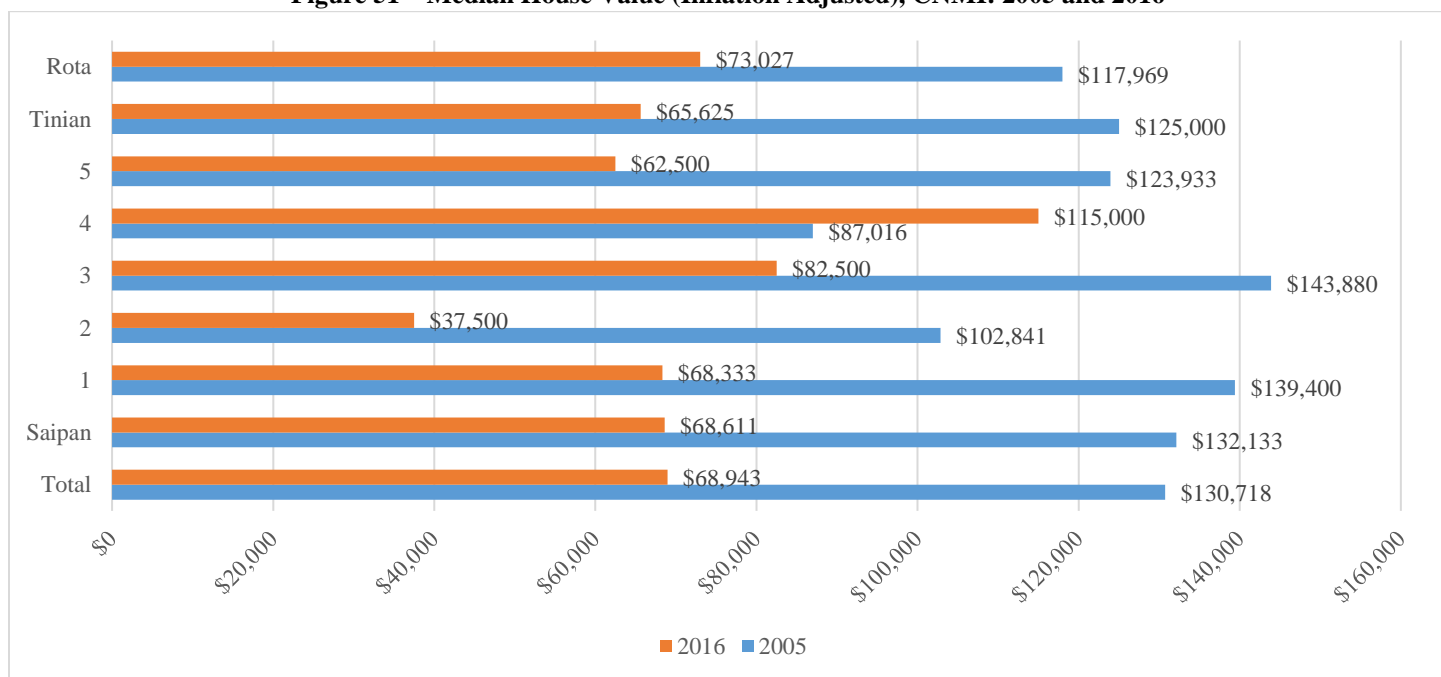


Table 2 shows payments appearing as part of the housing questionnaire. The numbers of cases, total amounts paid, and averages are shown for CNMI total and for the three islands. Data for the Districts are available in the available in the Central Statistics Office. As would be expected, the largest amounts were for the values of house. The average value in 2016 was \$91,000, which was a decrease from 2005 when the larger population put more demands on the housing market. The average unit on Saipan was worth \$96,000 compared to \$75,000 on Tinian and \$74,000 on Rota. Monthly rent also was lower than in 2005, at \$238 for the Commonwealth, with Saipan slightly higher and Tinian and Rota much lower.

Table 2 – Housing Payments by Island, CNMI: 2016

Housing Payment	Total			Saipan			Tinian			Rota		
	Units	Amount	Per unit	Units	Amount	Per unit	Units	Amount	Per unit	Units	Amount	Per unit
Total	1066	x	x	851	x	x	114	x	x	101	x	x
Monthly rent	596	\$141,788	\$238	512	\$130,458	\$255	53	\$8,305	\$157	31	\$3,032	\$98
Phone bill	560	\$23,856	\$43	432	\$18,533	\$43	68	\$3,869	\$57	60	\$1,488	\$25
Electric bill	865	\$104,060	\$120	680	\$84,660	\$125	94	\$11,506	\$122	91	\$7,917	\$87
Cable TV Bill	406	\$25,213	\$62	344	\$22,119	\$64	33	\$2,211	\$67	29	\$853	\$29
Internet bill	559	\$30,633	\$55	440	\$23,584	\$54	70	\$4,592	\$66	49	\$2,450	\$50
Cell phone bill	972	\$63,666	\$66	786	\$53,841	\$69	101	\$4,848	\$48	85	\$4,879	\$57
Gas bill	988	\$31,814	\$32	797	\$25,026	\$31	100	\$3,690	\$37	91	\$3,121	\$34
Water bill	900	\$48,510	\$54	699	\$38,375	\$55	105	\$5,471	\$52	96	\$4,637	\$48
Solid waste	326	\$6,716	\$21	311	\$6,344	\$20	7	\$185	\$26	8	\$190	\$24
House Value	302	\$27,564,416	\$91,273	232	\$22,324,710	\$96,227	34	\$2,563,121	\$75,386	36	\$2,676,578	\$74,349
Mortgage	60	\$31,470	\$525	50	\$28,095	\$562	4	\$1,590	\$398	6	\$1,780	\$297

Source: 2016 CNMI Household Income and Expenditures Survey

Table 3 shows comparisons between the 2005 Household Survey and the 2016 Survey. The numbers do not account for inflation during the 11 years, or the differences would be even greater. But, in general, there was only a small increase or decrease between the two enumerations. The monthly cost of a cellular phone decreased more than most of the other items on the list. And, the mortgage payment was much lower since the cost of a house decreased during the period.

Table 3 – Selected Housing Expenditures, CNMI: 2005 and 2016

Selected Expenditure	2005			2016		
	Number	Annual Amount Spent		Number	Annual Amount Spent	
		Amount	Average		Amount	Average
House rent	6,260	\$2,013,229	\$322	5,647	\$1,838,232	\$326
Telephone bill	10,959	\$525,966	\$48	9,178	\$432,932	\$47
Electricity	12,913	\$1,674,804	\$130	10,809	\$1,422,627	\$132
Cable TV	8,965	\$415,673	\$46	7,456	\$340,614	\$46
Internet bill	2,798	\$138,378	\$49	2,416	\$126,106	\$52
Cellular telephone	150	\$21,628	\$144	129	\$17,830	\$138
Gas bill	9,629	\$255,436	\$27	7,791	\$199,518	\$26
Water bill	11,976	\$463,666	\$39	9,872	\$378,282	\$38
Mortgage interest payment	913	\$2,812,680	\$3,080	578	\$1,261,115	\$2,182

Source: 2005 and 2016 CNMI Household Income and Expenditures Surveys

EXPENDITURES

The 2016 Survey was of Income and Expenditures. In this section, we discuss the general and annual expenditures. In the next section, we will discuss the diary items.

The general and annual expenditures are divided into groups of items. For example, as seen in the graphic, for construction expenses, the line items include “welling under construction”, “building an addition”, and so forth. For dwelling under construction, using the weighted data, we find that 891 ([Insert #] percent) of the households interviewed had a dwelling under construction. Most dwellings were on Saipan – no one on Tinian or Rota reported a dwelling under construction. Rota or Tinian might have had a housing unit with a dwelling under construction but no one in the selected sample reported one.

The total value of the 891 dwelling under construction on Saipan was \$8.4 million. The values for total CNMI and Saipan are the same because no dwelling were under construction on Rota or Tinian. The average amount spent on dwellings under construction is obtained by dividing the total amount spent by the number of units. In this case that amount was \$9,385.

If we look at roof repairs, we see a different distribution. More than 2,600 of CNMI’s units had roof repairs in the year before the survey. Of these, 2,400 were on Saipan, 114 were on Tinian and 108 were on Rota. The amount paid was distributed similarly, with \$5.7 million spent of roof repairs on Saipan, so about \$2,250 per unit.

The table has various categories of construction based on the U.S. model. Some items appeared often, others only rarely, but when an item was said to have occurred during the reference period, the amount was also requested. The middle columns show the sum of all the amounts, and the last columns provide an average based on the total amount spent and the number of units.

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Table 4 – Construction Expenses by Island, CNMI: 2016

Construction	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Dwelling under construction	891	891	0	0	\$8,362,342	\$8,362,342	\$0	\$0	\$9,385	\$9,385	\$0	\$0
Building an addition	252	227	16	9	\$1,550,023	\$1,388,867	\$89,393	\$71,762	\$6,151	\$6,118	\$5,587	\$7,974
Remodeling inside room	823	716	8	99	\$2,854,943	\$2,645,224	\$121,900	\$87,819	\$3,469	\$3,694	\$15,238	\$887
Remodeling outside room	517	454	0	63	\$1,773,868	\$1,708,743	\$0	\$65,124	\$3,431	\$3,764	\$0	\$1,034
Roof repairs	2,632	2,411	114	108	\$5,924,474	\$5,693,359	\$164,914	\$66,201	\$2,251	\$2,361	\$1,447	\$613
Landscaping and yard maintenance	356	332	24	0	\$166,620	\$160,200	\$6,420	\$0	\$468	\$483	\$268	\$0
Air conditioner	358	349	0	9	\$141,921	\$141,472	\$0	\$449	\$396	\$405	\$0	\$50
Outside improvements	358	349	8	0	\$334,099	\$329,223	\$4,876	\$0	\$933	\$943	\$610	\$0
Plumbing or water heater install	780	664	0	117	\$485,167	\$437,624	\$0	\$47,543	\$622	\$659	\$0	\$406
Electronic items repair	613	524	8	81	\$356,766	\$344,422	\$1,625	\$10,720	\$582	\$657	\$203	\$132
Window pane screen wire	934	874	24	36	\$616,641	\$578,607	\$4,843	\$33,190	\$660	\$662	\$202	\$922
Hurricane shutters	105	105	0	0	\$202,303	\$202,303	\$0	\$0	\$1,927	\$1,927	\$0	\$0
Other repairs & improvements	1,022	908	33	81	\$1,602,733	\$1,569,961	\$11,459	\$21,313	\$1,568	\$1,729	\$347	\$263
Construction Materials	165	157	8	0	\$475,100	\$466,974	\$8,127	\$0	\$2,879	\$2,974	\$1,016	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

Table 5 shows appliances bought during the year before the survey. The largest number of appliances bought was air conditions – about 1,500, with about 1,300 on Saipan, 73 on Tinian and 90 on Rota. The average cost varied, probably because of power and quality. The average purchase was \$600 on Saipan, \$200 on Tinian, and \$400 on Rota. About 1,264 households purchased a refrigerator during the year, and about 1,027 purchased a gas stove or oven. About 600 households purchased a microwave oven during the year and slightly fewer purchased a washing machine. Note that these are purchases and not whether the housing unit literally had the item; if the housing unit purchased the item before the survey period it would be included in the housing part of the census above, but not here.

Table 5 – Appliances by Island, CNMI: 2016

Appliances	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Electric Stove/Range/Ove	314	314	0	0	\$107,371	\$107,371	\$0	\$0	\$342	\$342	\$0	\$0
Gas stove/range/oven	1,027	978	49	0	\$76,935	\$75,383	\$1,552	\$0	\$75	\$77	\$32	\$0
Exhaust fan	35	35	0	0	\$1,136	\$1,136	\$0	\$0	\$32	\$32	\$0	\$0
Refrigerator	1,264	1,188	49	27	\$598,486	\$559,250	\$15,644	\$23,592	\$473	\$471	\$319	\$874
Freezer	366	314	24	27	\$158,768	\$128,544	\$19,504	\$10,720	\$434	\$409	\$813	\$397
Garbage disposal	52	52	0	0	\$13,662	\$13,662	\$0	\$0	\$263	\$263	\$0	\$0
Vacuum cleaners	346	297	49	0	\$22,220	\$18,571	\$3,649	\$0	\$64	\$63	\$74	\$0
Microwave oven	581	507	57	18	\$63,269	\$57,581	\$4,746	\$942	\$109	\$114	\$83	\$52
Washing machine	572	454	73	45	\$268,573	\$198,844	\$45,509	\$24,220	\$470	\$438	\$623	\$538
Clothes dryer	113	70	16	27	\$53,169	\$29,682	\$11,377	\$12,110	\$471	\$424	\$711	\$449
Generator	874	874	0	0	\$1,206,655	\$1,206,655	\$0	\$0	\$1,381	\$1,381	\$0	\$0
Plumbing or water heater install	17	17	0	0	\$10,482	\$10,482	\$0	\$0	\$617	\$617	\$0	\$0
Air conditioner	1,508	1,345	73	90	\$881,410	\$834,071	\$14,067	\$33,271	\$584	\$620	\$193	\$370
Sewing machine	34	17	16	0	\$5,063	\$2,096	\$2,966	\$0	\$149	\$123	\$185	\$0
Other major appliances	184	175	0	9	\$23,131	\$21,785	\$0	\$1,346	\$126	\$124	\$0	\$150

Source: 2016 CNMI Household Income and Expenditures Survey

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For office equipment, about 1,400 units purchased notebook computers, and 700 bought tablets. As expected, most of the purchases were in Saipan. The average cost of a notebook computer was \$675 in the survey, with Tinian at about \$650 and Rota at \$400. Tablet computers showed similar results, with the total being about \$330, with Saipan and Tinian at about that level, but Rota at around \$500 – so tablets cost more on Rota than notebooks.

Table 6 – Office Equipment by Island, CNMI: 2016

Office equipment	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Desktop computers	269	245	24	0	\$157,019	\$139,149	\$17,871	\$0	\$584	\$568	\$745	\$0
Notebook computers	1,404	1,240	65	99	\$947,380	\$866,583	\$42,584	\$38,213	\$675	\$699	\$655	\$386
Tablet computers	715	594	41	81	\$236,126	\$185,724	\$11,515	\$38,886	\$330	\$313	\$281	\$480
Electronic books (Nook kindle etc.)	17	0	8	9	\$3,744	\$0	\$1,950	\$1,794	\$220	\$0	\$244	\$199
Printer/fax/copier	26	17	8	0	\$2,355	\$1,136	\$1,219	\$0	\$91	\$67	\$152	\$0
Copier	17	17	0	0	\$2,096	\$2,096	\$0	\$0	\$123	\$123	\$0	\$0
Fax	17	17	0	0	\$2,096	\$2,096	\$0	\$0	\$123	\$123	\$0	\$0
Printer	87	87	0	0	\$25,139	\$25,139	\$0	\$0	\$289	\$289	\$0	\$0
CD/DVD burner	17	17	0	0	\$1,048	\$1,048	\$0	\$0	\$62	\$62	\$0	\$0
DVD blanks etc.	17	17	0	0	\$1,223	\$1,223	\$0	\$0	\$72	\$72	\$0	\$0
Thumb drives	235	227	8	0	\$10,771	\$10,202	\$569	\$0	\$46	\$45	\$71	\$0
External memory/hard disks	113	105	8	0	\$10,497	\$9,766	\$731	\$0	\$93	\$93	\$91	\$0
Wireless products (routers printers etc.)	148	140	8	0	\$11,978	\$11,653	\$325	\$0	\$81	\$83	\$41	\$0
Computer equipment -- other	17	17	0	0	\$5,241	\$5,241	\$0	\$0	\$308	\$308	\$0	\$0
Typewriter/calculator	87	87	0	0	\$3,983	\$3,983	\$0	\$0	\$46	\$46	\$0	\$0
Power Bank	173	157	16	0	\$9,467	\$8,857	\$610	\$0	\$55	\$56	\$38	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

About 2,400 housing units purchased a flat-screen TV during the year, at a total cost of more than \$1 million, and an average cost of about \$500. The average cost was less on Tinian and Rota. The flat screen TV could be on any size and description which could account for the discrepancies. And, about 2,100 households purchased a smart phone during the year, with about 1,600 on Saipan, 100 on Tinian, and almost 400 on Rota. The average cost was about \$420 for all CNMI, but about \$450 on Saipan and Tinian, and \$300 on Rota. It should be noted that if someone from Tinian came to Saipan to make a purchase, that purchase would appear in the household on Tinian, and not Saipan where the purchase occurred.

Table 7 – Audio-Visual Equipment by Island, CNMI: 2016

Audio-visual equipment	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Television analog	392	384	8	0	\$114,136	\$113,730	\$406	\$0	\$291	\$296	\$51	\$0
Flat screen TV	2,363	2,131	106	126	\$1,097,360	\$1,028,688	\$37,797	\$30,876	\$464	\$483	\$357	\$245
Amazon fire stick	52	52	0	0	\$2,795	\$2,795	\$0	\$0	\$54	\$54	\$0	\$0
DVD player	436	384	24	27	\$63,294	\$59,713	\$1,788	\$1,794	\$145	\$156	\$75	\$66
CD player	52	35	8	9	\$8,355	\$6,971	\$488	\$897	\$161	\$199	\$61	\$100
Blue tooth wireless speakers	165	157	8	0	\$22,523	\$22,117	\$406	\$0	\$137	\$141	\$51	\$0
Home stereo/ entertainment system	165	140	16	9	\$28,383	\$20,527	\$3,820	\$4,037	\$172	\$147	\$239	\$449
Speakers	122	105	8	9	\$26,071	\$18,868	\$4,063	\$3,140	\$214	\$180	\$508	\$349
Video game systems & games	314	280	16	18	\$128,221	\$116,228	\$5,445	\$6,548	\$408	\$415	\$340	\$364
Camcorder/video recorder	35	35	0	0	\$12,229	\$12,229	\$0	\$0	\$349	\$349	\$0	\$0
Portable video games	52	52	0	0	\$5,765	\$5,765	\$0	\$0	\$111	\$111	\$0	\$0
Other video equipment	35	17	0	18	\$6,960	\$4,368	\$0	\$2,592	\$199	\$257	\$0	\$144
Cellular telephone (not smart phone)	663	594	24	45	\$202,635	\$195,804	\$5,404	\$1,426	\$306	\$330	\$225	\$32
Smart phone	2,133	1,642	114	377	\$896,790	\$727,714	\$52,929	\$116,147	\$420	\$443	\$464	\$308
Telephone/answering machine	383	367	16	0	\$15,067	\$14,238	\$829	\$0	\$39	\$39	\$52	\$0
GPS devices (Magellan TomTom etc.)	17	17	0	0	\$3,843	\$3,843	\$0	\$0	\$226	\$226	\$0	\$0
Radio	113	105	8	0	\$25,853	\$25,122	\$731	\$0	\$229	\$239	\$91	\$0
Karaoke	35	35	0	0	\$13,959	\$13,959	\$0	\$0	\$399	\$399	\$0	\$0
Magic mic (for Karaoke)	52	52	0	0	\$13,452	\$13,452	\$0	\$0	\$259	\$259	\$0	\$0
Audio equipment	17	17	0	0	\$2,621	\$2,621	\$0	\$0	\$154	\$154	\$0	\$0
Electronic equipment other	442	402	41	0	\$61,477	\$55,869	\$5,607	\$0	\$139	\$139	\$137	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Many households bought at least one piece of furniture during the year. Almost 2,000 households bought rugs or carpets, at an average price of \$158. The next largest categories of purchases were bedroom furniture (1,745 at an average cost of \$424) and “other” living room furniture (1,213 at an average cost of \$374). Fewer bought dining room or kitchen furniture.

Table 8 – Furniture by Island, CNMI: 2016

Furniture	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Bedroom Furniture	1,745	1,695	33	18	\$740,115	\$702,452	\$25,867	\$11,796	\$424	\$414	\$784	\$655
Other living room furniture	1,213	1,153	24	36	\$453,079	\$439,301	\$8,127	\$5,651	\$374	\$381	\$339	\$157
Dining room furniture	323	314	8	0	\$208,806	\$208,400	\$406	\$0	\$646	\$664	\$51	\$0
Kitchen furniture	305	280	16	9	\$60,406	\$59,381	\$488	\$538	\$198	\$212	\$31	\$60
Rugs Carpets	1,956	1,712	73	170	\$308,498	\$290,509	\$3,251	\$14,738	\$158	\$170	\$45	\$87
Linoleum	200	192	8	0	\$145,888	\$144,669	\$1,219	\$0	\$729	\$753	\$152	\$0
Mats	140	140	0	0	\$11,478	\$11,478	\$0	\$0	\$82	\$82	\$0	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

About 400 housing units purchased hunting or fishing equipment during the period. The average cost of these items was high, at about \$1,300, and about \$1,800 for Saipan but \$500 for Tinian and less than \$300 for Rota. The next category was health and exercise equipment (252 at an average of \$343), followed by “other” sporting goods, water sports equipment, and bicycles.

Table 9 – Sports Equipment by Island, CNMI: 2016

Sports Equipment	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Health and exercise equipment	252	210	24	18	\$86,527	\$67,295	\$17,797	\$1,435	\$343	\$320	\$742	\$80
Camping equipment	132	105	0	27	\$15,561	\$14,395	\$0	\$1,166	\$118	\$137	\$0	\$43
Hunting/fishing equipment	404	262	16	126	\$518,950	\$478,312	\$7,314	\$33,325	\$1,285	\$1,826	\$457	\$264
Water sports equipment	192	175	8	9	\$24,456	\$22,012	\$650	\$1,794	\$127	\$126	\$81	\$199
Automobile custom accessories	44	17	0	27	\$16,744	\$4,455	\$0	\$12,289	\$381	\$262	\$0	\$455
Bicycles	182	157	16	9	\$22,284	\$17,819	\$3,657	\$807	\$122	\$113	\$229	\$90
Golf and golfing equipment	79	70	0	9	\$42,872	\$40,181	\$0	\$2,691	\$543	\$574	\$0	\$299
Tennis rackets & equipment	43	35	8	0	\$6,102	\$5,940	\$163	\$0	\$142	\$170	\$20	\$0
Other Sporting Goods	202	175	0	27	\$55,284	\$51,938	\$0	\$3,346	\$274	\$297	\$0	\$124
Acoustic/electric musical equip	17	17	0	0	\$33,193	\$33,193	\$0	\$0	\$1,953	\$1,953	\$0	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

More than 2,000 households bought a rice cooker during the purchasing period – about 1,900 on Saipan, and 100 each on Tinian and Rota. The average cost was about \$58. More than 1,000 households bought a toaster. About 800 bought a battery powered safety razor and another 800 bought kitchen utensils. Almost 600 housing units bought weedwhackers at an average cost of about \$350.

Table 10 – Small appliances by Island, CNMI: 2016

Small Appliances	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Toaster	1,067	839	49	179	\$61,557	\$48,724	\$3,836	\$8,997	\$58	\$58	\$78	\$50
Electric razor	226	210	16	0	\$5,447	\$4,699	\$748	\$0	\$24	\$22	\$47	\$0
Battery powered safety razor	794	786	8	0	\$29,940	\$29,891	\$49	\$0	\$38	\$38	\$6	\$0
Hair dryer	78	70	8	0	\$2,072	\$1,747	\$325	\$0	\$27	\$25	\$41	\$0
Electric toothbrush	140	140	0	0	\$2,830	\$2,830	\$0	\$0	\$20	\$20	\$0	\$0
Water dispenser	157	157	0	0	\$7,617	\$7,617	\$0	\$0	\$49	\$49	\$0	\$0
Floor wax	52	52	0	0	\$6,115	\$6,115	\$0	\$0	\$118	\$118	\$0	\$0
Rice cooker	2,084	1,869	89	126	\$121,318	\$109,485	\$5,518	\$6,315	\$58	\$59	\$62	\$50
Other small appliances	839	681	41	117	\$54,434	\$43,116	\$2,267	\$9,051	\$65	\$63	\$55	\$77
Lawn mower	227	175	16	36	\$59,394	\$46,173	\$5,282	\$7,939	\$262	\$264	\$330	\$221
Weed Wacker	591	542	41	9	\$203,831	\$189,882	\$8,208	\$5,741	\$345	\$350	\$200	\$638
Chain saw	366	349	16	0	\$85,446	\$82,057	\$3,389	\$0	\$233	\$235	\$212	\$0
Electric hand tools	497	402	33	63	\$106,795	\$87,123	\$5,445	\$14,227	\$215	\$217	\$165	\$226
Non-electric hand tools	514	454	33	27	\$83,757	\$55,607	\$8,460	\$19,690	\$163	\$122	\$256	\$729
Kitchen utensils	842	769	73	0	\$66,988	\$63,241	\$3,746	\$0	\$80	\$82	\$51	\$0
Firearms	70	52	0	18	\$27,857	\$12,159	\$0	\$15,698	\$398	\$234	\$0	\$872
Other outdoor equipment	156	122	16	18	\$902,428	\$885,294	\$13,815	\$3,319	\$5,785	\$7,257	\$863	\$184

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

The households made about 15,000 purchases of cleaning products, with more than 13,000 on Saipan, 800 on Tinian and 600 on Rota. The average cost of the clean products was about \$100. About 7,000 purchases were made for “other” paper products. These cost an average of about \$60. And about 2,000 purchases were made of “other” housekeeping supplies.

Table 11 – Supplies and Services by Island, CNMI: 2016

Supplies and Services	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Other hardware and supplies	235	192	16	27	\$54,861	\$50,558	\$894	\$3,409	\$233	\$263	\$56	\$126
Other cleaning products	14,734	13,277	829	628	\$1,560,122	\$1,412,207	\$98,390	\$49,525	\$106	\$106	\$119	\$79
Other paper products	7,113	6,639	439	36	\$427,456	\$399,435	\$26,810	\$1,211	\$60	\$60	\$61	\$34
Other housekeeping supplies	2,129	2,079	41	9	\$150,701	\$145,805	\$3,820	\$1,076	\$71	\$70	\$93	\$120
Housekeeping services	796	646	24	126	\$195,206	\$168,359	\$5,282	\$21,565	\$245	\$261	\$220	\$171
Cooking services	70	70	0	0	\$8,211	\$8,211	\$0	\$0	\$117	\$117	\$0	\$0
Other repairs & improvements	558	507	24	27	\$120,085	\$117,608	\$1,284	\$1,193	\$215	\$232	\$54	\$44
Other household services	104	87	8	9	\$16,387	\$13,539	\$1,950	\$897	\$158	\$156	\$244	\$100
Other repairs & improvements	558	507	24	27	\$120,085	\$117,608	\$1,284	\$1,193	\$215	\$232	\$54	\$44
Electronic items repair	200	192	8	0	\$27,601	\$27,113	\$488	\$0	\$138	\$141	\$61	\$0
Computer or related items repair	140	140	0	0	\$10,290	\$10,290	\$0	\$0	\$74	\$74	\$0	\$0
Lawn equipment repair	175	140	8	27	\$16,193	\$11,792	\$813	\$3,588	\$93	\$84	\$102	\$133
Hand or power tools repair	52	52	0	0	\$4,193	\$4,193	\$0	\$0	\$81	\$81	\$0	\$0
Sport or recreational equip repair	17	17	0	0	\$1,048	\$1,048	\$0	\$0	\$62	\$62	\$0	\$0
Termites or pest control service	17	17	0	0	\$1,048	\$1,048	\$0	\$0	\$62	\$62	\$0	\$0
Service contracts for appliances	70	70	0	0	\$7,512	\$7,512	\$0	\$0	\$107	\$107	\$0	\$0
Service contracts electronic goods	17	17	0	0	\$437	\$437	\$0	\$0	\$26	\$26	\$0	\$0
Repair furniture	35	35	0	0	\$20,964	\$20,964	\$0	\$0	\$599	\$599	\$0	\$0
Other repairs & improvements	558	507	24	27	\$120,085	\$117,608	\$1,284	\$1,193	\$215	\$232	\$54	\$44

Source: 2016 CNMI Household Income and Expenditures Survey

More men’s than women’s clothes were purchased during the period considered. More than 5,000 men’s casual shirts and 5,000 men’s pants were purchased. Both the shirts and the pants averaged about \$100. The households made more than 2,000 purchases each of women’s blouses, dresses, and undergarments. More than 2,000 purchases each were made of boys’ and girls’ apparel. Almost 8,000 pairs of men’s’ and boys’ footwear were purchased as were almost 7,000 for women and girls. Around 1,000 purchases of infants clothing were made during the period.

Table 12 – Clothing by Island, CNMI: 2016

Clothing	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Men's suits	356	332	24	0	\$60,906	\$58,874	\$2,032	\$0	\$171	\$177	\$85	\$0
Men's dress shirts	1,306	1,205	65	36	\$151,611	\$142,713	\$6,745	\$2,153	\$116	\$118	\$104	\$60
Men's casual shirts/T shirts	5,300	4,804	236	260	\$501,481	\$454,989	\$21,007	\$25,485	\$95	\$95	\$89	\$98
Men's pants and shorts	5,026	4,560	179	287	\$484,844	\$436,925	\$17,464	\$30,454	\$96	\$96	\$98	\$106
Men's Jeans	1,887	1,607	73	206	\$106,380	\$95,841	\$3,121	\$7,418	\$56	\$60	\$43	\$36
Other men's apparel	357	314	24	18	\$36,519	\$34,626	\$1,463	\$431	\$102	\$110	\$61	\$24
Other men's and boys' apparel	2,297	2,044	154	99	\$308,873	\$260,897	\$17,432	\$30,544	\$134	\$128	\$113	\$309
Other boys' apparel	1,434	1,205	130	99	\$166,449	\$136,179	\$12,312	\$17,959	\$116	\$113	\$95	\$181
Women's blouses/outer wear	2,173	1,922	89	161	\$280,907	\$246,292	\$17,123	\$17,492	\$129	\$128	\$192	\$109
Women's dresses	2,274	2,114	98	63	\$255,508	\$244,004	\$8,947	\$2,557	\$112	\$115	\$91	\$41
Women's slacks	907	874	24	9	\$129,969	\$128,178	\$894	\$897	\$143	\$147	\$37	\$100
Women's undergarments	2,356	2,166	73	117	\$161,560	\$147,133	\$6,623	\$7,804	\$69	\$68	\$91	\$67
Women's accessories	627	559	41	27	\$47,347	\$43,832	\$3,129	\$386	\$76	\$78	\$76	\$14
Other women's/girls' clothing	1,883	1,782	65	36	\$175,755	\$164,917	\$5,859	\$4,979	\$93	\$93	\$90	\$138
Girls' dresses	2,403	2,061	171	170	\$389,131	\$324,034	\$25,753	\$39,344	\$162	\$157	\$151	\$231
Girls' accessories	746	646	81	18	\$71,427	\$62,630	\$6,339	\$2,458	\$96	\$97	\$78	\$137
Men's and boy's footwear	7,916	7,040	382	493	\$749,771	\$659,301	\$36,342	\$54,127	\$95	\$94	\$95	\$110
Women's and girl's footwear	6,799	6,115	317	368	\$492,315	\$446,691	\$21,503	\$24,121	\$72	\$73	\$68	\$66
Infant's footwear	383	332	24	27	\$16,848	\$15,548	\$358	\$942	\$44	\$47	\$15	\$35
Infant's coats or jackets	42	17	24	0	\$2,190	\$524	\$1,666	\$0	\$52	\$31	\$69	\$0
Infant's dresses	218	210	8	0	\$11,693	\$11,530	\$163	\$0	\$54	\$55	\$20	\$0
Infant's diapers	487	437	33	18	\$35,003	\$32,267	\$1,300	\$1,435	\$72	\$74	\$39	\$80
Other infants clothing	920	804	89	27	\$101,459	\$86,809	\$11,475	\$3,175	\$110	\$108	\$129	\$118

Source: 2016 CNMI Household Income and Expenditures Survey

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The households did not buy many accessories. The largest number was for watches, about 800, at an average cost of about \$150. The households also made about 600 purchases of jewelry, at a cost of about \$200, but none reported on Tinian and an average cost of \$113 on Rota.

Table 13 – Accessories by Island, CNMI: 2016

Accessories	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Watches	830	716	33	81	\$129,848	\$122,220	\$2,820	\$4,808	\$156	\$171	\$85	\$59
Jewelry	586	559	0	27	\$121,514	\$118,464	\$0	\$3,050	\$207	\$212	\$0	\$113
Hairpieces or wigs	151	70	0	81	\$4,200	\$2,271	\$0	\$1,929	\$28	\$32	\$0	\$24
Sewing materials	35	35	0	0	\$2,079	\$2,079	\$0	\$0	\$59	\$59	\$0	\$0
Dressmaking/tailoring	17	17	0	0	\$349	\$349	\$0	\$0	\$21	\$21	\$0	\$0
Clothing services	35	35	0	0	\$5,590	\$5,590	\$0	\$0	\$160	\$160	\$0	\$0
Clothing repair. Altering	157	157	0	0	\$5,416	\$5,416	\$0	\$0	\$34	\$34	\$0	\$0
Shoe repair	52	52	0	0	\$1,712	\$1,712	\$0	\$0	\$33	\$33	\$0	\$0
Watch or jewelry repair	78	70	8	0	\$19,465	\$11,338	\$8,127	\$0	\$250	\$162	\$1,016	\$0
Clothing storage	17	17	0	0	\$874	\$874	\$0	\$0	\$51	\$51	\$0	\$0
Other Clothing Items	52	52	0	0	\$18,483	\$18,483	\$0	\$0	\$355	\$355	\$0	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

More than 7,300 purchases of non-prescription drugs and supplies were made during the reference period, at an average cost of about \$40 on all island. About 4,000 prescription drugs were reported at an average cost of about \$130 on Saipan, \$230 on Tinian, and \$70 on Rota. And the households made about 1,000 purchases of band aids.

Table 14 – Medical Supplies by Island, CNMI: 2016

Medical supplies	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Prescription drugs	3,660	3,214	203	242	\$483,219	\$420,521	\$46,094	\$16,604	\$132	\$131	\$227	\$69
Non-prescription drugs and supplies	7,302	6,674	252	377	\$282,450	\$259,412	\$9,915	\$13,124	\$39	\$39	\$39	\$35
Bandages/band aids	1,010	943	49	18	\$16,728	\$14,011	\$699	\$2,018	\$17	\$15	\$14	\$112
Prescription eyeglasses/contact	444	349	41	54	\$139,803	\$111,878	\$17,879	\$10,047	\$315	\$321	\$436	\$186
Non-prescription eyeglasses	333	262	8	63	\$8,470	\$7,285	\$163	\$1,023	\$25	\$28	\$20	\$16
Other medical supplies	217	192	24	0	\$21,042	\$18,938	\$2,105	\$0	\$97	\$99	\$88	\$0
Contact lens	35	35	0	0	\$2,271	\$2,271	\$0	\$0	\$65	\$65	\$0	\$0
Sunglasses	324	280	8	36	\$17,208	\$14,762	\$203	\$2,243	\$53	\$53	\$25	\$62

Source: 2016 CNMI Household Income and Expenditures Survey

About 16,000 reported automobile repair costs, at an average of \$150 per event. Tinian and Saipan were in this range, but the average cost on Rota was about \$100 more. About 16,000 automobile registrations were reported. And about 2,600 units reported purchasing an automobile, at an average cost of about \$17,000 on Saipan, \$11,000 on Tinian, and \$10,000 on Rota. See the summary at the end for amounts spent on air travel.

Table 15 – Automobiles by Island, CNMI: 2016

Automobile and travel	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Automobile purchase	2,616	2,393	187	36	\$42,606,785	\$40,183,104	\$2,049,172	\$374,510	\$16,287	\$16,792	\$10,958	\$10,403
Automobile selling price	479	454	24	0	\$1,471,648	\$1,153,895	\$317,753	\$0	\$3,072	\$2,542	\$13,240	\$0
Automobile repair costs	16,229	14,290	943	996	\$2,407,384	\$1,997,261	\$147,922	\$262,202	\$148	\$140	\$157	\$263
Automobile registration	15,715	14,832	740	144	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

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More than 10,000 households reported paying for health insurance, at an average cost of \$70. This influenced by Saipan's reporting of \$60 per household. The rate was \$178 for Tinian and \$146 for Rota. More than 2,000 doctors' charges were reported, at an average cost of \$375, slightly less for Tinian, and about \$200 less for Rota.

Table 16 – Medical Care by Island, CNMI: 2016

Medical Care	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Health insurance payment	10,810	10,063	496	251	\$742,757	\$617,915	\$88,288	\$36,554	\$69	\$61	\$178	\$146
Medical care	86	52	24	9	\$10,286	\$3,477	\$5,689	\$1,121	\$120	\$67	\$237	\$125
Physicians' services	69	52	16	0	\$4,161	\$0	\$4,161	\$0	\$60	\$0	\$260	\$0
Doctor's total charge	2,127	1,939	89	99	\$797,849	\$751,491	\$31,718	\$14,640	\$375	\$388	\$356	\$148
Medical specialist's charge	297	280	8	9	\$650,254	\$502,368	\$146,280	\$1,606	\$2,189	\$1,794	\$18,285	\$178
Other medical practitioner costs	235	227	8	0	\$142,715	\$141,577	\$1,138	\$0	\$607	\$624	\$142	\$0
Copayment for medical attention	24	0	24	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dental services	61	52	0	9	\$94,776	\$89,394	\$0	\$5,382	\$1,554	\$1,719	\$0	\$598
Dental services	200	192	8	0	\$182,173	\$169,983	\$12,190	\$0	\$911	\$885	\$1,524	\$0
Eyeglasses and eye care	156	122	24	9	\$34,342	\$29,664	\$4,364	\$314	\$220	\$243	\$182	\$35
Hospitals and related services	381	332	49	0	\$507,973	\$505,478	\$2,495	\$0	\$1,333	\$1,523	\$51	\$0
Hospital costs	95	87	8	0	\$41,156	\$40,181	\$975	\$0	\$433	\$462	\$122	\$0
New medical services (PET scans etc.)	87	87	0	0	\$65,879	\$65,879	\$0	\$0	\$757	\$757	\$0	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

Of the education expenses, payments of college tuitions were the largest, with the 515 instances costing \$1.5 million during the year preceding the enumeration. Primary school tuition was next, with 403 cases and more than \$673,000 in total. The average college tuition payment was about \$3,000, while the average for primary school was about \$1,700.

Table 17 – Educational Characteristics by Island, CNMI: 2016

Education	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Tuition other school fees and childcare	131	122	0	9	\$268,246	\$253,176	\$0	\$15,070	\$2,048	\$2,075	\$0	\$1,674
College tuition	515	454	16	45	\$1,508,053	\$1,441,592	\$2,844	\$63,617	\$2,928	\$3,175	\$178	\$1,414
Secondary school tuition	184	175	0	9	\$114,886	\$104,121	\$0	\$10,764	\$624	\$595	\$0	\$1,196
Primary school tuition	403	349	0	54	\$673,831	\$582,783	\$0	\$91,049	\$1,672	\$1,670	\$0	\$1,686
Preschool tuition	157	157	0	0	\$162,471	\$162,471	\$0	\$0	\$1,035	\$1,035	\$0	\$0
Other school tuition	35	35	0	0	\$3,546	\$3,546	\$0	\$0	\$101	\$101	\$0	\$0
Other household tuition	17	17	0	0	\$2,289	\$2,289	\$0	\$0	\$135	\$135	\$0	\$0
Food or board while at school	35	35	0	0	\$73,374	\$73,374	\$0	\$0	\$2,096	\$2,096	\$0	\$0
College food/board	18	0	0	18	\$16,147	\$0	\$0	\$16,147	\$897	\$0	\$0	\$897
Child day care	61	52	8	0	\$19,432	\$3,057	\$16,375	\$0	\$319	\$59	\$2,047	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

For personal care, about 10,000 haircuts were reported, at an average cost of \$125. More than 1,500 manicures and pedicures cost an average of about \$137, and the 1,370 hair dying and colorings cost about \$150 on average.

Table 18 – Self-care expenses by Island, CNMI: 2016

Self-care expenses	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Health spa establishments	173	157	16	0	\$41,396	\$38,958	\$2,438	\$0	\$239	\$248	\$152	\$0
Body and facial massage	513	472	33	9	\$188,042	\$183,523	\$1,829	\$2,691	\$367	\$389	\$55	\$299
Salon/beauty shop	469	419	41	9	\$84,110	\$67,295	\$16,457	\$359	\$179	\$161	\$401	\$40
Manicures and pedicures	1,521	1,380	114	27	\$207,834	\$186,580	\$15,603	\$5,651	\$137	\$135	\$137	\$209
Haircuts	10,325	9,172	642	511	\$1,290,564	\$1,145,387	\$80,950	\$64,227	\$125	\$125	\$126	\$126
Hair dying and coloring	1,368	1,275	57	36	\$206,347	\$190,196	\$8,167	\$7,984	\$151	\$149	\$143	\$222
Hair weaving	8	0	8	0	\$650	\$0	\$650	\$0	\$81	\$0	\$81	\$0
Nutrition centers	17	17	0	0	\$1,048	\$1,048	\$0	\$0	\$62	\$62	\$0	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

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Family is the highest priority in the CNMI, so large amounts of money are spent on various family activities. The households participated in about 1,400 weddings during the year, and spent about \$1,100 per wedding, with Saipan’s expenditures higher and those on Tinian and Rota much lower. But funerals were even more prominent. The 3,500 funerals had an average cost of about \$600 (but less than half that on Tinian and Rota). More than 3,000 households participated in family events and another 3,000 in church events. But many households also contributed to Christenings, “feasts”, school functions, and other traditional family gatherings.

Table 19 – Traditional Activities by Island, CNMI: 2016

Traditional activities	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Weddings	1,377	1,066	114	197	\$1,540,419	\$1,480,061	\$41,162	\$19,196	\$1,119	\$1,388	\$361	\$97
Christenings	1,755	1,258	138	359	\$413,380	\$356,126	\$15,766	\$41,488	\$236	\$283	\$114	\$116
Funerals	3,537	2,900	260	377	\$2,016,332	\$1,872,455	\$58,390	\$85,487	\$570	\$646	\$225	\$227
Feasts	948	804	81	63	\$543,112	\$488,986	\$51,076	\$3,050	\$573	\$608	\$631	\$48
Family	3,069	2,708	154	206	\$1,086,753	\$1,010,519	\$39,276	\$36,958	\$354	\$373	\$255	\$179
Church	3,018	2,655	228	135	\$675,771	\$636,171	\$24,575	\$15,025	\$224	\$240	\$108	\$111
School fundraising	1,508	1,048	146	314	\$239,485	\$156,724	\$24,096	\$58,666	\$159	\$150	\$165	\$187
Other traditional	948	804	81	63	\$543,112	\$488,986	\$51,076	\$3,050	\$573	\$608	\$631	\$48

Source: 2016 CNMI Household Income and Expenditures Survey

Finally, the households made almost 15,000 purchases of water in 3 gallon containers. As before, almost 14,000 of these were on Saipan, with 800 on Tinian and 400 on Rota. The average cost worked out to \$300 on Saipan and about \$200 on Tinian and Rota. The households purchased about 6,400 licenses of different kinds. They made about 6,000 loan payments and about 5,000 credit card payments. Small numbers went for life insurance and legal fees.

Table 20 – Other Expenses by Island, CNMI: 2016

Other expenses	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Water - 3 gallons	14,868	13,697	813	359	\$4,141,770	\$3,903,922	\$179,811	\$58,038	\$279	\$285	\$221	\$162
Water trucked in	1,194	1,153	41	0	\$307,579	\$301,533	\$6,046	\$0	\$258	\$262	\$147	\$0
Licenses	6,395	5,800	317	278	\$395,727	\$356,581	\$21,950	\$17,196	\$62	\$61	\$69	\$62
Payment for Loan	5,854	5,258	228	368	\$46,172,955	\$39,829,528	\$2,060,110	\$4,283,317	\$7,887	\$7,575	\$9,036	\$11,639
Credit cards	4,733	3,983	382	368	NA	NA	NA	NA	NA	NA	NA	NA
Legal fees	462	454	8	0	\$263,969	\$261,124	\$2,844	\$0	\$571	\$575	\$356	\$0
Computer games	52	52	0	0	\$11,984	\$11,984	\$0	\$0	\$230	\$230	\$0	\$0
Life insurance	632	559	73	0	\$1,221,605	\$1,148,270	\$73,335	\$0	\$1,933	\$2,054	\$1,005	\$0
Dry cleaning	105	105	0	0	\$58,000	\$58,000	\$0	\$0	\$552	\$552	\$0	\$0
Fitness centers	70	70	0	0	\$48,706	\$48,706	\$0	\$0	\$696	\$696	\$0	\$0
Other fees	96	87	0	9	\$242,578	\$215,667	\$0	\$26,911	\$2,527	\$2,479	\$0	\$2,990
Child support	122	87	16	18	\$132,962	\$47,344	\$60,950	\$24,668	\$1,090	\$544	\$3,809	\$1,370
Mutual funds	17	17	0	0	\$5,241	\$5,241	\$0	\$0	\$308	\$308	\$0	\$0
Child day care	173	157	16	0	\$286,775	\$264,671	\$22,105	\$0	\$1,658	\$1,686	\$1,382	\$0
Home alarm	43	35	8	0	\$14,545	\$10,482	\$4,063	\$0	\$338	\$299	\$508	\$0

Source: 2016 CNMI Household Income and Expenditures Survey

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In summary, about 250,000 regular and annual expenditures were reported on an inflated basis by the households in the 2016 CNMI Household Income and Expenditures Survey. The total cost was about \$150 million. Saipan’s households spent more than \$140 million, while Tinian and Rota each spent about \$7 million. The largest numbers of purchases were for clothing, followed by small equipment and auto repairs and registration.

Table 21 – Summary Expenditures by Island, CNMI: 2016

Category	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Total	257,067	230,447	13,442	13,177	\$168,301,206	\$153,537,369	\$7,352,139	\$7,411,701	\$655	\$666	\$547	\$562
Construction	9,824	8,980	244	601	\$24,847,001	\$24,029,322	\$413,558	\$404,121	\$2,529	\$2,676	\$1,695	\$672
Durables 1	18,690	16,631	991	1,067	\$7,672,282	\$7,003,629	\$316,103	\$352,551	\$411	\$421	\$319	\$330
Durables 2	7,438	6,708	236	493	\$2,750,247	\$2,591,731	\$68,939	\$89,577	\$370	\$386	\$292	\$182
Small equipment	35,165	31,848	1,837	1,480	\$4,450,138	\$4,075,879	\$200,818	\$173,441	\$127	\$128	\$109	\$117
Clothing	63,430	56,882	3,031	3,516	\$6,018,667	\$5,372,610	\$317,054	\$329,004	\$95	\$94	\$105	\$94
Vehicles	35,039	31,970	1,894	1,175	\$46,485,817	\$43,334,260	\$2,514,846	\$636,712	\$1,327	\$1,355	\$1,328	\$542
Travel	6,734	5,573	479	682	\$8,057,923	\$7,246,148	\$392,656	\$419,119	\$1,197	\$1,300	\$820	\$615
Health insurance	10,810	10,063	496	251	\$742,757	\$617,915	\$88,288	\$36,554	\$69	\$61	\$178	\$146
Other medical	3,835	3,424	276	135	\$2,531,565	\$2,299,492	\$209,010	\$23,063	\$660	\$672	\$757	\$171
Loans	5,854	5,258	228	368	\$46,172,955	\$39,829,528	\$2,060,110	\$4,283,317	\$7,887	\$7,575	\$9,036	\$11,639
Education	1,557	1,398	24	135	\$2,842,275	\$2,626,409	\$19,219	\$196,647	\$1,825	\$1,879	\$801	\$1,457
Other non-diary	53,871	47,641	3,324	2,906	\$15,729,579	\$14,510,446	\$751,538	\$467,595	\$292	\$305	\$226	\$161

Source: 2016 CNMI Household Income and Expenditures Survey

Table 22 – Summary Expenditures by Island, CNMI: 2016

Category	Number				Amount				Average			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Total	257,067	230,447	13,442	13,177	\$157,414,119	\$143,675,854	\$6,941,149	\$6,797,120	\$612	\$623	\$516	\$516
Construction	9,824	8,980	244	601	\$24,847,001	\$24,029,322	\$413,558	\$404,121	\$2,529	\$2,676	\$1,695	\$672
Durables 1	18,690	16,631	991	1,067	\$7,672,282	\$7,003,629	\$316,103	\$352,551	\$411	\$421	\$319	\$330
Durables 2	7,438	6,708	236	493	\$2,750,247	\$2,591,731	\$68,939	\$89,577	\$370	\$386	\$292	\$182
Small equipment	35,165	31,848	1,837	1,480	\$4,450,138	\$4,075,879	\$200,818	\$173,441	\$127	\$128	\$109	\$117
Clothing	63,430	56,882	3,031	3,516	\$6,018,667	\$5,372,610	\$317,054	\$329,004	\$95	\$94	\$105	\$94
Vehicles	35,039	31,970	1,894	1,175	\$46,485,817	\$43,334,260	\$2,514,846	\$636,712	\$1,327	\$1,355	\$1,328	\$542
Travel	6,804	5,643	479	682	\$6,804	\$5,643	\$479	\$682	\$1	\$1	\$1	\$1
Health insurance	10,810	10,063	496	251	\$742,757	\$617,915	\$88,288	\$36,554	\$69	\$61	\$178	\$146
Other medical	3,835	3,424	276	135	\$2,531,565	\$2,299,492	\$209,010	\$23,063	\$660	\$672	\$757	\$171
Loans	5,854	5,258	228	368	\$46,172,955	\$39,829,528	\$2,060,110	\$4,283,317	\$7,887	\$7,575	\$9,036	\$11,639
Credit card	4,750	4,001	382	368	\$4,750	\$4,001	\$382	\$368	\$1	\$1	\$1	\$1
Education	1,557	1,398	24	135	\$1,557	\$1,398	\$24	\$135	\$1	\$1	\$1	\$1
Other non-diary	53,871	47,641	3,324	2,906	\$15,729,579	\$14,510,446	\$751,538	\$467,595	\$292	\$305	\$226	\$161

Source: 2016 CNMI Household Income and Expenditures Survey

DIARIES

As discussed in the introduction, the sample was selected randomly, with an effort to obtain about 10 percent of the units on Saipan and about 20 percent of the units on Tinian and Rota. Also, as noted, it is almost impossible for a survey to obtain the full sample, so survey and census operations usually over-sample. But the CNMI initial samples were so large, that they were not over-sampled (since they were over-sampled compared to other countries in the first place.) The numbers of households responding to the regular questionnaire appear in the discussion above.

Filling the diaries is very time consuming and intrusive, so we always expect that many of the units will refuse to assist in the data collection. So, as expected, this was the case in the CNMI Household Survey. Altogether, 864 households filled diaries sufficiently (daily and completely) to be included in the analysis. Of these, 725 were on Saipan, 99 on Tinian, and 40 on Rota. These figures, especially on Rota, are very small, but they are justified by the fact that neither Tinian nor Rota have access to many of the purchases that people on Saipan or other islands and countries would have since the populations are so small.

The sample sizes required different weights than those for the regular questionnaires for population, housing, and annual and regular expenditures. The average weight for the CNMI was 19.3, so that all purchases were multiplied by that figure to obtain estimates for all households in the Commonwealth. The weight for Saipan was 20.5 (so about 5 percent of the units were actually enumerated), 9.4 for Tinian, and 22.7 for Rota.

The following table shows the diary items purchased in the two weeks the respondents filled the diaries. Because the enumerators provided the diaries at the time of the regular enumeration, the diaries followed the time the household was first contacted during the enumeration. Hence, the two weeks were not the same two weeks throughout the enumeration period. But, because neither Christmas nor Easter or other big holidays occurred during enumeration, the results should be comparable.

The respondents were asked to fill the diaries daily, at the end of the day, and include all purchases by all members of the household. So, small purchases, like chewing gum and individual beers at a bar on the way home were included in addition to grocery shopping for bread, milk, and eggs.

As would be expected, most of the purchases during the two weeks were food items. The chart shows the large categories and the sub-categories, which are mostly types of food. About 68 percent of all purchases were food items, and these amounted to 37 percent of the \$6.7 million of purchases. The largest numbers of food purchases were for meats, poultry, fish and eggs (about 109,000 based on the weighted figures), followed by fruits and vegetables (93,000), and soup, canned chili, and canned spaghetti (90,000).

Housing was the next largest category. This category includes rents, but also utilities, furniture and small appliance purchases, and other home items. The CNMI made about 76,000 purchases using the weights, and spent about \$1.2 million.

Tobacco and betel nut purchases were the next largest, with about 35,000 purchases and about \$206,000. About two-thirds of the purchases were for tobacco products – cigarettes, cigars, and chew, while the other one-third was for betel nut. So, total betel nut purchases for the two weeks amounted to almost \$40,000; inflated to the whole year, this figure would be about \$1 million.

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Table 23 – Major Diary Item Groups by Island, CNMI: 2016

Item Group	Two-week Purchases				Amounts			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Total	715,699	634,134	37,218	48,177	\$6,780,277	\$5,902,773	\$376,545	\$514,132
Food	485,005	428,211	25,844	32,820	\$2,476,091	\$2,111,093	\$147,627	\$212,457
Cereals and Cereal Products	33,495	29,611	1,749	2,310	\$305,742	\$252,739	\$18,782	\$33,635
Bakery Products	37,264	33,528	1,749	2,401	\$122,885	\$105,730	\$5,659	\$13,522
Meats poultry fish and eggs	108,833	97,322	5,949	5,640	\$726,368	\$602,513	\$56,785	\$48,222
Dairy and related products	26,517	22,926	1,525	2,061	\$123,252	\$104,541	\$7,530	\$10,713
Fruits and vegetables	92,695	76,898	6,697	7,475	\$284,289	\$210,127	\$23,767	\$43,511
Carbonated and energy drinks	31,079	27,663	1,440	2,378	\$80,538	\$66,789	\$4,434	\$9,875
Juices and water	22,246	20,322	935	1,359	\$69,695	\$62,503	\$3,592	\$3,941
Beverage materials including coffee	16,912	14,908	823	1,359	\$57,461	\$49,728	\$3,096	\$4,938
Sugar and artificial sweetener	3,344	2,789	281	159	\$8,562	\$6,726	\$861	\$521
Candy and chewing gum	9,123	8,510	337	476	\$24,449	\$22,557	\$1,029	\$1,246
Other sweets	2,609	2,317	75	317	\$7,770	\$6,070	\$365	\$1,540
Fats and oils	7,789	6,726	533	408	\$45,555	\$36,399	\$4,059	\$3,352
Soups canned chili and spaghetti	90,279	81,943	3,704	6,319	\$576,367	\$544,932	\$16,892	\$32,616
Snacks	18,922	16,446	889	1,857	\$54,774	\$44,498	\$3,292	\$7,044
Spices seasonings condiments etc.	14,186	12,447	898	702	\$30,499	\$24,689	\$2,376	\$2,718
Baby food	135	144	0	0	\$3,904	\$4,142	\$0	\$0
Other miscellaneous foods	15,018	12,898	889	1,200	\$47,275	\$39,474	\$2,806	\$5,006
Food away from home	37,341	36,029	776	2,084	\$453,927	\$446,154	\$8,100	\$19,547
Alcoholic beverages	8,156	7,034	374	883	\$109,645	\$88,546	\$5,098	\$18,324
Beer	6,823	5,721	327	883	\$89,912	\$69,639	\$4,181	\$18,324
Distilled spirits and wine	1,334	1,312	47	0	\$19,714	\$18,907	\$917	\$0
Housing	75,764	66,256	4,649	4,349	\$1,215,625	\$1,058,366	\$68,861	\$88,856
Apparel	9,045	8,961	168	294	\$231,795	\$228,911	\$4,724	\$7,361
Transportation	29,590	26,884	1,272	1,903	\$995,137	\$915,500	\$46,019	\$43,556
Medical care	6,513	5,988	299	294	\$85,795	\$84,260	\$2,235	\$2,039
Recreation	11,539	10,725	440	612	\$215,657	\$181,952	\$13,310	\$19,524
Education and communication	12,853	11,545	655	725	\$310,149	\$282,617	\$14,404	\$16,421
Tobacco products and smoking products	35,408	31,436	1,375	3,443	\$205,916	\$174,528	\$10,822	\$22,333
Cigarettes items	24,179	21,716	1,001	1,925	\$167,087	\$142,908	\$9,064	\$16,014
Betelnut	11,229	9,720	374	1,518	\$38,829	\$31,621	\$1,758	\$6,319
Personal care products	25,686	23,008	1,422	1,246	\$120,295	\$107,453	\$6,791	\$5,844
Miscellaneous personal services and others	16,139	14,088	720	1,608	\$814,212	\$669,507	\$56,673	\$77,463

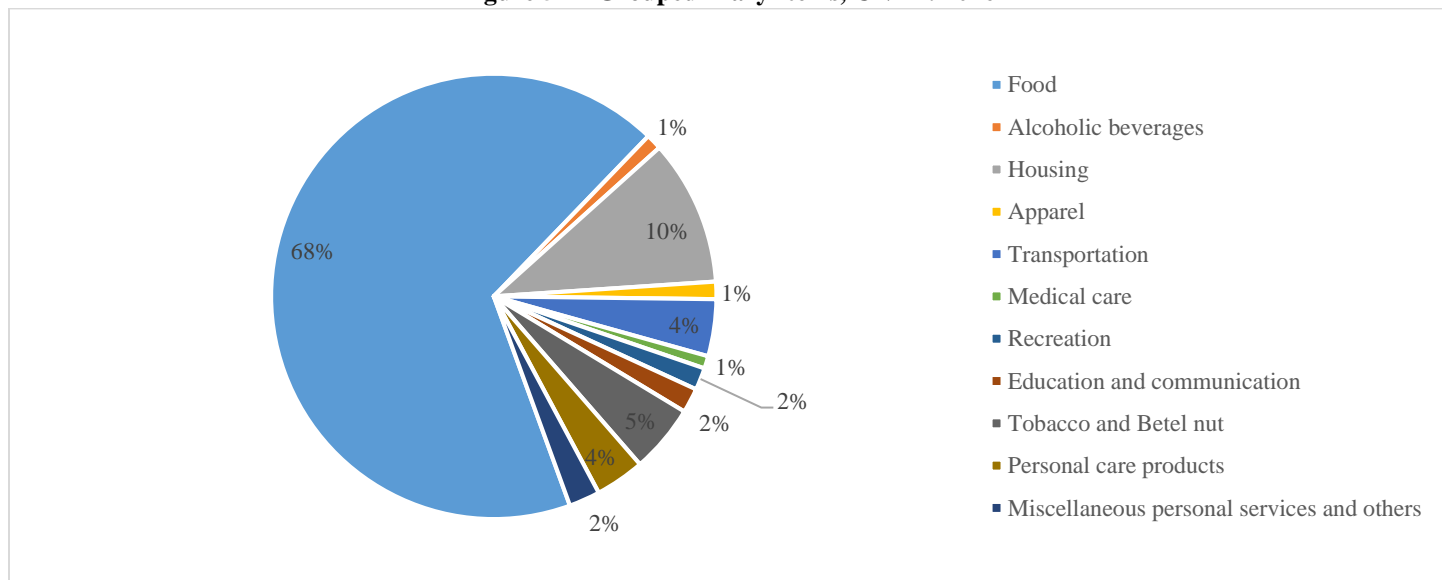
Source: 2016 CNMI Household and Expenditures Survey

Note: Diary Weights: CNMI: 19.3 Saipan: 20.5 Tinian: 9.4 Rota: 22.7

Note: Diaries were for two weeks; to obtain annual estimates, multiply by 26

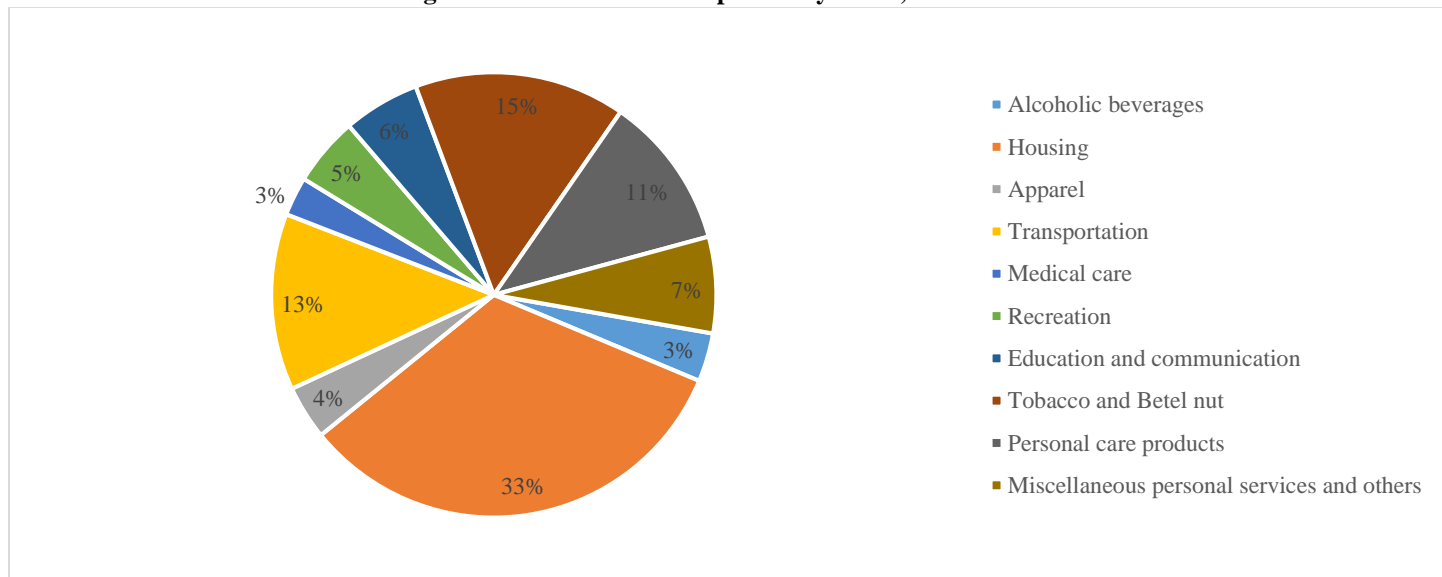
The graphic shows the distribution of the major diary grouped items. As noted, food purchases make up majority of the purchases.

Figure 52 – Grouped Diary Items, CNMI: 2016



Since the food items were two-thirds of all purchases during the two-week period, the other items are somewhat obscured. When we take the food items out, we find that housing is the next largest group, with about 1 in every 3 of the non-food purchases. And, tobacco and betel nut was next, with about 15 percent of non-food purchases. Transportation was next, at 13 percent.

Figure 53 – Non-Food Grouped Diary Items, CNMI: 2016



When we rank all the individual items in the survey, we find that purchase of cigarettes was the largest single item, with about 23,000 purchases, amounting to about \$163,000 for the two weeks (or \$4 million over a year for the whole CNMI.) Gasoline purchases was second, with about 20,000, but the cost was higher, of course. The two-week total, inflated to the whole Commonwealth, was about \$450,000, or about \$12 million for the whole year.

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The table shows the top 50 individual purchases. These include expected purchases like eggs, butane gas, water, and bread. But the purchases also show different life-styles of the population, including those eating a lot of fast food and sugared drinks. Another paper will look at the relationship of education, income, and other demographic characteristics to regular and diary expenditures.

Table 24 – Largest Single Item Diary Purchases by Island, CNMI: 2016

Item Code	Purchases				Amounts in Dollars			
	Total	Saipan	Tinian	Rota	Total	Saipan	Tinian	Rota
Total	715,235	633,580	37,236	48,199	\$6,771,193	\$5,892,971	\$376,545	\$514,314
Cigarettes	23,444	20,957	1,010	1,880	\$163,356	\$139,073	\$9,092	\$15,832
Gasoline	20,217	18,230	870	1,450	\$455,434	\$414,348	\$19,212	\$29,558
Food-plates takeout	13,549	13,883	187	91	\$118,922	\$122,976	\$1,113	\$815
Eggs	13,317	11,299	926	883	\$47,082	\$36,788	\$3,798	\$5,345
Butane Gas	13,162	11,155	870	997	\$94,067	\$72,038	\$7,679	\$12,072
Water in containers of 3 gallons or more	12,853	11,668	720	430	\$65,559	\$59,632	\$4,209	\$770
Bread - Not Specified	10,089	8,941	711	227	\$28,373	\$24,546	\$2,058	\$1,178
Rice	9,451	8,243	552	634	\$176,422	\$139,873	\$12,983	\$20,793
Coke/Pepsi	8,871	8,243	262	657	\$20,990	\$18,045	\$655	\$3,080
Onions	8,736	7,198	664	680	\$16,139	\$11,750	\$1,637	\$1,993
Betelnut	8,697	7,444	346	1,133	\$33,823	\$27,704	\$1,721	\$4,847
Laundry	7,344	6,398	365	657	\$84,983	\$72,715	\$3,667	\$10,419
Other prepared food	7,306	6,541	309	589	\$73,039	\$71,054	\$1,983	\$2,288
Vegetables	7,248	5,967	730	136	\$33,069	\$25,612	\$4,153	\$408
Milk	6,997	5,988	421	566	\$46,831	\$40,602	\$2,432	\$4,145
Root Beer	6,997	5,844	486	566	\$25,841	\$20,957	\$1,787	\$2,786
Other juice	6,997	6,295	290	544	\$19,057	\$16,938	\$851	\$1,563
Beer	6,823	5,721	327	883	\$89,912	\$69,660	\$4,181	\$18,324
Soap	6,301	5,639	383	227	\$20,700	\$18,189	\$1,384	\$815
Instant coffee	5,818	5,188	383	159	\$26,363	\$22,844	\$1,852	\$1,178
Other chips	5,818	5,168	196	634	\$14,902	\$12,304	\$767	\$2,016
Banana	5,779	5,024	337	408	\$24,430	\$20,814	\$1,843	\$1,178
Phone Card	5,760	5,168	355	181	\$42,675	\$37,075	\$3,180	\$1,359
Long Bread	5,702	5,086	206	566	\$16,506	\$14,006	\$683	\$2,220
Drinking water (Bottled Water)	5,566	5,209	168	362	\$18,728	\$18,353	\$309	\$929
Tuna canned	5,470	4,860	234	476	\$23,734	\$19,768	\$1,010	\$3,556
Sausage	5,257	4,634	243	453	\$22,729	\$19,419	\$879	\$3,058
Ramen/saimin	5,141	4,655	187	430	\$23,638	\$21,429	\$645	\$2,469
Cookies	5,064	4,593	234	294	\$14,573	\$12,283	\$804	\$1,563
Vegetable oil	4,851	4,265	327	181	\$29,726	\$23,623	\$2,759	\$2,084
Carbonated drinks	4,832	4,204	224	476	\$10,282	\$8,367	\$580	\$1,427
Luncheon meat	4,793	4,552	140	249	\$20,932	\$17,943	\$1,431	\$1,268
Franks / Hot Dogs	4,774	4,306	271	181	\$17,549	\$15,195	\$1,216	\$861
Garlic	4,774	3,958	318	453	\$9,451	\$6,993	\$748	\$1,540
Assam Tea (All Flavor)	4,716	4,204	150	521	\$8,639	\$7,423	\$253	\$1,314
Shampoo	4,697	4,019	318	294	\$19,927	\$17,123	\$1,291	\$1,268
Lunch	4,581	3,937	122	725	\$58,273	\$53,091	\$2,198	\$4,326
Ice tea	4,426	3,958	243	227	\$11,828	\$10,458	\$533	\$1,042
Chicken Unspecified	4,291	3,404	449	181	\$43,564	\$32,892	\$5,434	\$1,563
Dish detergent	4,252	3,548	318	294	\$15,018	\$11,750	\$1,412	\$1,200
Detergent - Laundry	4,233	3,712	309	113	\$30,905	\$26,720	\$2,376	\$929
Spam	4,194	3,630	253	294	\$20,081	\$17,164	\$1,235	\$1,563
Ice cube/ice cake	4,194	3,158	290	725	\$10,205	\$7,895	\$580	\$1,835
Eggplant	4,175	3,322	299	498	\$7,171	\$5,557	\$599	\$838
Other locally proc. food	3,981	3,178	355	294	\$5,972	\$4,593	\$608	\$453
Instant Noodle	3,943	3,609	196	159	\$11,597	\$10,827	\$374	\$702
Other coffee	3,866	3,260	122	634	\$9,741	\$7,874	\$449	\$1,631
Corned beef	3,846	3,486	196	181	\$23,309	\$20,957	\$1,188	\$1,291
Sweet Bread	3,827	3,773	112	45	\$11,539	\$10,089	\$327	\$1,586
Fresh fish	3,827	2,871	374	408	\$45,458	\$29,713	\$4,761	\$8,924

Source: 2016 CNMI Household and Expenditures Survey

Note: Diary Weights: CNMI: 19.3

Saipan: 20.5

Tinian: 9.4

Rota: 22.7

Note: Diaries were for two weeks; to obtain annual estimates, multiply by 26

CONCLUSIONS

Because the CNMI is not included in any of the monthly surveys conducted by the U.S. Census Bureau (especially the American Community Survey), the CNMI must rely on the Office of Insular Affairs and other agencies to fund enumerations to obtain data needed for planning and policy development. In recent years, broadband surveys and a health survey of behavioral risks and non-communicable diseases have provided demographic, social, economic, and housing data. But only the household income and expenditures survey provides both traditional population and housing data to do trends analysis as well as expenditures information to allow for development of the market basket to be used to measure inflation, nutrition, and the relationship between income and expenditures.

The expenditures data are used to obtain information for developing a current market basket to be used to make a new Consumer Price Index. In addition, the 2016 CNMI HIES provides information about the relationship between income and expenditures. Also, characteristics of the population, like age and sex, education, and economic activity can be crossed with expenditures to obtain information about the relationship of the demographic and social variables and expenditures. Finally, information about the nutrition of the CNMI population is obtained and can be used to implement programs to alleviate high levels of hypertension, obesity, diabetes and other non-communicable deceases.

APPENDIX A – 2016 HIES TABULATIONS

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 1. Sex and Age by District and Island, CNMI: 2016

Sex Age	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	53,890	48,200	15,164	6,045	15,845	3,180	7,966	3,056	2,635
Less than 5	3,792	3,372	1,188	332	943	227	681	179	242
5 to 9	5,267	4,630	1,642	489	1,642	314	542	333	305
10 to 14	5,164	4,525	1,677	559	1,485	140	664	406	233
15 to 19	4,928	4,472	1,520	524	1,153	332	943	276	179
20 to 24	3,341	3,127	751	402	786	297	891	98	116
25 to 29	2,790	2,551	734	175	804	122	716	114	126
30 to 34	2,462	2,131	751	210	786	157	227	187	144
35 to 39	3,459	3,057	961	542	1,083	87	384	195	206
40 to 44	4,429	3,878	1,153	699	1,363	87	577	309	242
45 to 49	4,737	4,210	1,118	629	1,555	262	646	284	242
50 to 54	4,887	4,315	1,101	524	1,520	629	542	284	287
55 to 59	3,451	3,214	996	437	1,101	192	489	138	99
60 to 64	2,640	2,393	804	280	769	157	384	122	125
65 to 74	1,872	1,712	664	157	577	87	227	98	63
75 and over	671	611	105	87	280	87	52	33	27
Median	33.4	33.3	30.5	38.1	36.5	35.0	26.8	33.3	34.1
Males	27,713	24,703	7,669	3,092	8,473	1,607	3,861	1,666	1,345
Less than 5	1,977	1,712	664	192	367	70	419	122	144
5 to 9	2,861	2,551	821	262	1,031	175	262	203	107
10 to 14	2,623	2,219	804	297	786	87	245	252	152
15 to 19	2,446	2,254	734	245	577	175	524	138	54
20 to 24	1,631	1,520	402	175	332	157	454	57	54
25 to 29	1,379	1,275	332	70	472	70	332	41	63
30 to 34	1,238	1,083	419	70	437	70	87	65	90
35 to 39	1,619	1,398	419	314	437	52	175	114	108
40 to 44	2,087	1,834	542	384	646	35	227	163	90
45 to 49	2,541	2,236	629	297	926	52	332	171	135
50 to 54	2,661	2,358	611	245	891	367	245	106	197
55 to 59	1,995	1,852	507	227	716	140	262	89	54
60 to 64	1,254	1,118	367	157	349	70	175	73	62
65 to 74	1,080	996	367	105	384	52	87	57	27
75 and over	322	297	52	52	122	35	35	16	9
Median	33.8	33.8	30.9	38.8	37.7	35.0	25.4	31.6	35.4
Females	26,177	23,497	7,495	2,952	7,372	1,572	4,105	1,390	1,290
Less than 5	1,815	1,660	524	140	577	157	262	57	98
5 to 9	2,406	2,079	821	227	611	140	280	130	197
10 to 14	2,541	2,306	874	262	699	52	419	154	81
15 to 19	2,482	2,219	786	280	577	157	419	138	126
20 to 24	1,710	1,607	349	227	454	140	437	41	62
25 to 29	1,411	1,275	402	105	332	52	384	73	63
30 to 34	1,224	1,048	332	140	349	87	140	122	54
35 to 39	1,840	1,660	542	227	646	35	210	81	99
40 to 44	2,343	2,044	611	314	716	52	349	146	152
45 to 49	2,196	1,974	489	332	629	210	314	114	108
50 to 54	2,225	1,957	489	280	629	262	297	179	90
55 to 59	1,456	1,363	489	210	384	52	227	49	45
60 to 64	1,386	1,275	437	122	419	87	210	49	62
65 to 74	793	716	297	52	192	35	140	41	36
75 and over	349	314	52	35	157	52	17	16	18
Median	33.0	32.9	29.9	37.1	35.7	35.0	28.1	34.2	31.7

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 2. Main Ethnic Origin by District and Island, CNMI: 2016

Ethnicity	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	53,890	48,200	15,164	6,045	15,845	3,180	7,966	3,056	2,635
Chamorro	14,434	11,880	4,682	507	1,433	1,467	3,791	1,121	1,433
Carolinian	3,815	3,791	1,205	140	908	349	1,188	24	0
FSM	3,790	3,721	1,293	524	1,101	262	542	24	45
Palauan	1,564	1,502	874	105	192	35	297	16	45
Chinese	2,727	2,638	681	489	1,258	87	122	89	0
Filipino	24,174	21,785	5,503	3,948	9,696	926	1,712	1,438	951
Other Asian	2,274	1,922	594	262	804	17	245	236	117
Other	1,111	961	332	70	454	35	70	106	45
Males	27,713	24,703	7,669	3,092	8,473	1,607	3,861	1,666	1,345
Chamorro	7,494	6,149	2,411	227	839	734	1,939	610	735
Carolinian	1,912	1,904	664	70	489	175	507	8	0
FSM	1,816	1,764	664	262	472	105	262	24	27
Palauan	698	664	384	52	52	17	157	16	18
Chinese	1,218	1,153	297	140	646	35	35	65	0
Filipino	12,709	11,513	2,795	2,131	5,241	507	839	748	449
Other Asian	1,251	1,048	297	140	489	17	105	122	81
Other	616	507	157	70	245	17	17	73	36
Females	26,177	23,497	7,495	2,952	7,372	1,572	4,105	1,390	1,290
Chamorro	6,940	5,730	2,271	280	594	734	1,852	512	698
Carolinian	1,903	1,887	542	70	419	175	681	16	0
FSM	1,975	1,957	629	262	629	157	280	0	18
Palauan	865	839	489	52	140	17	140	0	27
Chinese	1,509	1,485	384	349	611	52	87	24	0
Filipino	11,465	10,272	2,708	1,817	4,455	419	874	691	502
Other Asian	1,023	874	297	122	314	0	140	114	36
Other	496	454	175	0	210	17	52	33	9

Source: 2016 CNMI Household Income and Expenditures Survey

Table 3. Marital Status by District and Island, CNMI: 2016

Marital Status	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	53,890	48,200	15,164	6,045	15,845	3,180	7,966	3,056	2,635
Now married	22,199	19,776	5,835	2,690	7,075	1,467	2,708	1,447	976
Separated	765	681	245	157	227	0	52	57	27
Widowed	1,414	1,310	454	192	367	105	192	41	63
Divorced	665	611	192	35	210	0	175	0	54
Never married	28,847	25,821	8,438	2,970	7,966	1,607	4,839	1,512	1,515
Males	27,713	24,703	7,669	3,092	8,473	1,607	3,861	1,666	1,345
Now married	11,700	10,447	3,022	1,450	3,843	769	1,363	715	538
Separated	409	367	122	70	122	0	52	24	18
Widowed	400	367	122	35	175	17	17	24	9
Divorced	263	245	87	0	122	0	35	0	18
Never married	14,941	13,277	4,315	1,537	4,210	821	2,393	902	762
Females	26,177	23,497	7,495	2,952	7,372	1,572	4,105	1,390	1,290
Now married	10,499	9,329	2,813	1,240	3,232	699	1,345	731	439
Separated	356	314	122	87	105	0	0	33	9
Widowed	1,013	943	332	157	192	87	175	16	54
Divorced	403	367	105	35	87	0	140	0	36
Never married	13,906	12,543	4,123	1,433	3,756	786	2,446	610	753

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 4. Birthplace by District and Island, CNMI: 2016

Birthplace	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	53,890	48,200	15,164	6,045	15,845	3,180	7,966	3,056	2,635
Saipan	26,909	25,559	9,154	2,271	6,411	1,957	5,765	1,056	294
Tinian	881	280	52	0	140	0	87	601	0
Rota	1,467	105	35	35	0	17	17	8	1,355
N. Islands	175	175	35	35	70	35	0	0	0
Guam	1,143	926	332	52	87	87	367	73	144
U.S.	1,001	839	332	105	210	70	122	81	81
FSM	1,702	1,642	489	349	489	140	175	24	36
Palau	716	681	367	70	105	52	87	16	18
China	1,812	1,747	367	314	891	70	105	65	0
Korea	559	559	175	87	227	0	70	0	0
Philippines	15,812	14,325	3,459	2,621	6,394	734	1,118	886	601
Elsewhere	1,714	1,363	367	105	821	17	52	244	108
Males	27,713	24,703	7,669	3,092	8,473	1,607	3,861	1,666	1,345
Saipan	13,760	13,068	4,699	1,136	3,302	1,083	2,848	577	116
Tinian	524	175	17	0	87	0	70	349	0
Rota	805	70	0	35	0	17	17	0	736
N. Islands	105	105	17	17	70	0	0	0	0
Guam	687	577	192	17	70	35	262	57	54
U.S.	513	384	140	70	122	35	17	57	72
FSM	811	769	245	175	227	35	87	24	18
Palau	296	280	105	52	70	0	52	16	0
China	809	769	175	70	489	17	17	41	0
Korea	245	245	87	35	105	0	17	0	0
Philippines	8,169	7,477	1,799	1,415	3,424	367	472	423	269
Elsewhere	989	786	192	70	507	17	0	122	81
Females	26,177	23,497	7,495	2,952	7,372	1,572	4,105	1,390	1,290
Saipan	13,149	12,491	4,455	1,136	3,110	874	2,917	479	178
Tinian	357	105	35	0	52	0	17	252	0
Rota	662	35	35	0	0	0	0	8	619
N. Islands	70	70	17	17	0	35	0	0	0
Guam	455	349	140	35	17	52	105	16	90
U.S.	488	454	192	35	87	35	105	24	9
FSM	891	874	245	175	262	105	87	0	18
Palau	420	402	262	17	35	52	35	0	18
China	1,003	978	192	245	402	52	87	24	0
Korea	314	314	87	52	122	0	52	0	0
Philippines	7,643	6,848	1,660	1,205	2,970	367	646	463	332
Elsewhere	725	577	175	35	314	0	52	122	27

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 5. Citizenship, Year Entered, and Reason for Migration by District and Island, CNMI: 2016

Citizenship Year and Reason of Entry	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	53,890	48,200	15,164	6,045	15,845	3,180	7,966	3,056	2,635
U.S. Citizen	33,219	29,280	10,360	2,621	7,442	2,254	6,604	1,950	1,989
Born in CNMI	29,606	26,292	9,312	2,376	6,674	2,027	5,905	1,674	1,639
Born in U.S./territory or parents	2,405	1,992	681	157	437	192	524	163	251
Naturalized U.S. citizen	1,208	996	367	87	332	35	175	114	99
Noncitizen	20,671	18,920	4,804	3,424	8,403	926	1,363	1,105	646
Noncitizen Green card	3,317	3,110	1,083	611	891	210	314	163	45
Other noncitizen	17,354	15,810	3,721	2,813	7,512	716	1,048	943	601
Males	27,713	24,703	7,669	3,092	8,473	1,607	3,861	1,666	1,345
U.S. Citizen	17,074	14,954	5,276	1,345	3,896	1,170	3,267	1,089	1,031
Born in CNMI	15,265	13,487	4,752	1,223	3,477	1,101	2,935	926	851
Born in U.S./territory or parents	1,305	1,048	332	87	262	70	297	122	135
Naturalized U.S. citizen	505	419	192	35	157	0	35	41	45
Noncitizen	10,639	9,748	2,393	1,747	4,577	437	594	577	314
Noncitizen Green card	1,513	1,415	507	314	367	105	122	89	9
Other noncitizen	9,126	8,333	1,887	1,433	4,210	332	472	488	305
Females	26,177	23,497	7,495	2,952	7,372	1,572	4,105	1,390	1,290
U.S. Citizen	16,145	14,325	5,084	1,275	3,546	1,083	3,337	861	958
Born in CNMI	14,341	12,806	4,560	1,153	3,197	926	2,970	748	788
Born in U.S./territory or parents	1,101	943	349	70	175	122	227	41	117
Naturalized U.S. citizen	703	577	175	52	175	35	140	73	54
Noncitizen	10,032	9,172	2,411	1,677	3,826	489	769	528	332
Noncitizen Green card	1,804	1,695	577	297	524	105	192	73	36
Other noncitizen	8,228	7,477	1,834	1,380	3,302	384	577	455	296
Total, Year to CNMI	24,285	21,907	5,852	3,669	9,172	1,153	2,061	1,382	996
2016	1,962	1,887	297	384	839	140	227	57	18
2015	1,369	1,310	437	105	542	52	175	41	18
2013-2014	1,491	1,205	245	245	664	17	35	187	99
2010-2012	591	542	70	52	262	52	105	41	9
2005-2009	2,559	2,271	611	419	996	35	210	163	126
2000-2004	2,960	2,603	611	577	1,170	105	140	195	161
1990-1999	8,841	8,001	2,271	1,415	3,249	489	577	463	377
1980-1989	3,457	3,127	961	402	1,136	192	437	195	135
Before 1980	1,055	961	349	70	314	70	157	41	54
Total, Reason for migration	24,285	21,907	5,852	3,669	9,172	1,153	2,061	1,382	996
Employment	17,010	15,339	3,861	2,865	6,901	664	1,048	1,008	664
Spouse of employed	1,138	1,031	384	35	454	87	70	89	18
Dependent of employed	1,953	1,747	524	140	786	87	210	179	27
Family subsistence	1,796	1,695	524	192	367	210	402	57	45
Family business	698	681	175	192	245	17	52	8	9
Missionary activities	8	0	0	0	0	0	0	8	0
Medical reasons	0	0	0	0	0	0	0	0	0
Visiting or vacation	873	821	280	105	314	35	87	16	36
Other reason	808	594	105	140	105	52	192	16	197

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 6. Parental Birthplace by District and Island, CNMI: 2016

	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Mother's birth state									
Total	53,890	48,200	15,164	6,045	15,845	3,180	7,966	3,056	2,635
Saipan	14,678	13,819	5,311	559	2,358	1,345	4,245	601	258
Tinian	621	280	122	0	140	0	17	341	0
Rota	1,178	262	87	0	17	70	87	81	834
N. Islands	480	472	140	87	35	105	105	8	0
Guam	1,198	891	384	17	70	105	314	65	242
U.S.	636	559	262	105	105	17	70	33	45
FSM	3,750	3,581	1,136	507	961	332	646	106	63
Palau	1,730	1,660	891	122	262	140	245	16	54
China	2,770	2,673	664	489	1,275	87	157	98	0
Korea	724	716	280	87	210	0	140	8	0
Philippines	23,880	21,488	5,363	3,878	9,486	961	1,799	1,414	978
Elsewhere	2,245	1,799	524	192	926	17	140	284	161
Father's Birthplace									
Total	53,890	48,200	15,164	6,045	15,845	3,180	7,966	3,056	2,635
Saipan	14,610	13,749	5,101	769	2,131	1,590	4,158	593	268
Tinian	554	245	52	0	17	0	175	301	9
Rota	1,466	402	140	52	17	35	157	114	951
N. Islands	497	472	122	35	122	17	175	16	9
Guam	1,262	978	437	70	105	52	314	114	169
U.S.	818	716	105	105	245	52	210	57	45
FSM	3,924	3,721	1,380	472	1,031	227	611	122	81
Palau	1,683	1,590	856	140	314	52	227	49	45
China	2,545	2,463	611	489	1,205	87	70	81	0
Korea	690	681	280	87	210	0	105	0	9
Philippines	23,554	21,366	5,538	3,686	9,434	1,048	1,660	1,300	888
Elsewhere	2,287	1,817	542	140	1,013	17	105	309	161

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 7. School Attendance and Educational Attainment by District and Island, CNMI: 2016

School Attendance Educational Attainment	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	53,873	48,182	15,164	6,027	15,845	3,180	7,966	3,056	2,635
No has not attended	38,778	34,765	10,395	4,420	11,722	2,428	5,800	2,113	1,900
Yes, public school or college	14,089	12,543	4,472	1,415	3,948	681	2,027	918	627
Yes, private school or college	1,006	874	297	192	175	70	140	24	108
Males	27,713	24,703	7,669	3,092	8,473	1,607	3,861	1,666	1,345
No has not attended	20,164	18,029	5,451	2,306	6,324	1,170	2,778	1,121	1,013
Yes, public school or college	7,086	6,307	2,079	734	2,079	402	1,013	520	260
Yes, private school or college	463	367	140	52	70	35	70	24	72
Females	26,160	23,480	7,495	2,935	7,372	1,572	4,105	1,390	1,290
No has not attended	18,614	16,736	4,944	2,114	5,398	1,258	3,022	991	887
Yes, public school or college	7,003	6,237	2,393	681	1,869	280	1,013	398	368
Yes, private school or college	543	507	157	140	105	35	70	0	36
EDUCATIONAL ATTAINMENT									
Total	31,398	28,074	8,386	3,739	9,836	1,869	4,245	1,763	1,560
Less than 9th grade	2,187	2,009	629	210	681	175	314	98	81
9th to 12th grade	3,592	3,319	1,258	297	751	175	839	138	134
High school graduate	12,783	11,216	3,511	1,817	3,669	804	1,415	886	681
Some college	4,085	3,564	908	437	1,223	349	646	252	269
AA - academic	2,348	2,219	402	454	1,013	105	245	49	81
AA - occupational	1,064	874	314	35	314	0	210	65	126
BA	4,642	4,228	1,083	489	1,957	175	524	244	170
MS PhD or Professional degree	697	646	280	0	227	87	52	33	18
Percent High School Graduate	81.6	81.0	77.5	86.4	85.4	81.3	72.8	86.7	86.2
Percent BA/BS or more	17.0	17.4	16.3	13.1	22.2	14.0	13.6	15.7	12.1
Males	16,175	14,448	4,245	1,922	5,381	943	1,957	894	834
Less than 9th grade	1,011	926	280	105	349	35	157	41	45
9th to 12th grade	1,867	1,747	699	122	349	105	472	57	63
High school graduate	6,787	5,905	1,922	943	2,061	419	559	488	394
Some college	2,301	1,992	437	210	821	175	349	130	179
AA - academic	1,512	1,433	245	297	699	105	87	16	63
AA - occupational	471	419	157	17	140	0	105	24	27
BA	1,924	1,747	419	227	856	52	192	114	63
MS PhD or Professional degree	304	280	87	0	105	52	35	24	0
Percent High School Graduate	82.2	81.5	77.0	88.1	87.0	85.2	67.8	89.0	87.1
Percent BA/BS or more	13.8	14.0	11.9	11.8	17.9	11.0	11.6	15.4	7.6
Females	15,222	13,627	4,140	1,817	4,455	926	2,289	870	726
Less than 9th grade	1,176	1,083	349	105	332	140	157	57	36
9th to 12th grade	1,725	1,572	559	175	402	70	367	81	71
High school graduate	5,996	5,311	1,590	874	1,607	384	856	398	287
Some college	1,784	1,572	472	227	402	175	297	122	90
AA - academic	837	786	157	157	314	0	157	33	18
AA - occupational	594	454	157	17	175	0	105	41	99
BA	2,718	2,481	664	262	1,101	122	332	130	108
MS PhD or Professional degree	393	367	192	0	122	35	17	8	18
Percent High School Graduate	80.9	80.5	78.1	84.6	83.5	77.3	77.1	84.1	85.4
Percent BA/BS or more	20.4	20.9	20.7	14.4	27.5	17.0	15.2	15.9	17.4

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 8. Residence in 2011 by District and Island, CNMI: 2016

Same/different house in 2011 Residence in 2011	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	50,098	44,828	13,976	5,713	14,902	2,952	7,285	2,877	2,393
Same house in 2011	28,315	25,122	8,752	2,481	6,866	1,764	5,258	1,544	1,649
Elsewhere in 2011	21,783	19,706	5,224	3,232	8,036	1,188	2,027	1,333	745
Males	25,736	22,991	7,005	2,900	8,106	1,537	3,442	1,544	1,201
Same house in 2011	14,466	12,806	4,333	1,275	3,686	943	2,568	845	815
Elsewhere in 2011	11,270	10,185	2,673	1,625	4,420	594	874	699	386
Females	24,362	21,838	6,971	2,813	6,796	1,415	3,843	1,333	1,192
Same house in 2011	13,849	12,316	4,420	1,205	3,180	821	2,690	699	833
Elsewhere in 2011	10,514	9,521	2,551	1,607	3,616	594	1,153	634	359
RESIDENCE IN 2011									
Total	50,098	44,828	13,976	5,713	14,902	2,952	7,285	2,877	2,393
Saipan	39,192	38,888	12,561	4,804	12,351	2,533	6,639	187	117
Tinian	3,313	926	227	87	419	70	122	2,324	63
Rota	2,183	140	70	70	0	0	0	0	2,043
N. Islands	0	0	0	0	0	0	0	0	0
Guam	503	402	175	35	17	87	87	65	36
U.S.	858	699	245	52	175	70	157	106	54
FSM	245	245	17	157	17	52	0	0	0
Palau	0	0	0	0	0	0	0	0	0
China	594	594	140	87	349	17	0	0	0
Korea	52	52	17	35	0	0	0	0	0
Philippines	2,500	2,376	402	349	1,275	122	227	106	18
Elsewhere	659	507	122	35	297	0	52	89	63
Males	25,736	22,991	7,005	2,900	8,106	1,537	3,442	1,544	1,201
Saipan	19,944	19,794	6,272	2,358	6,656	1,380	3,127	106	45
Tinian	1,811	542	140	52	245	17	87	1,252	18
Rota	1,109	87	35	52	0	0	0	0	1,022
N. Islands	0	0	0	0	0	0	0	0	0
Guam	312	262	105	35	17	52	52	33	18
U.S.	432	314	105	17	122	0	70	81	36
FSM	157	157	17	105	0	35	0	0	0
Palau	0	0	0	0	0	0	0	0	0
China	210	210	70	0	140	0	0	0	0
Korea	0	0	0	0	0	0	0	0	0
Philippines	1,419	1,345	227	245	734	52	87	65	9
Elsewhere	341	280	35	35	192	0	17	8	54
Females	24,362	21,838	6,971	2,813	6,796	1,415	3,843	1,333	1,192
Saipan	19,248	19,095	6,289	2,446	5,695	1,153	3,511	81	72
Tinian	1,502	384	87	35	175	52	35	1,073	45
Rota	1,074	52	35	17	0	0	0	0	1,022
N. Islands	0	0	0	0	0	0	0	0	0
Guam	190	140	70	0	0	35	35	33	18
U.S.	427	384	140	35	52	70	87	24	18
FSM	87	87	0	52	17	17	0	0	0
Palau	0	0	0	0	0	0	0	0	0
China	384	384	70	87	210	17	0	0	0
Korea	52	52	17	35	0	0	0	0	0
Philippines	1,080	1,031	175	105	542	70	140	41	9
Elsewhere	317	227	87	0	105	0	35	81	9

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 9a. Language Spoken at Home and Frequency of English by District and Island, CNMI: 2016

English Speaking Language and frequency	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	50,098	44,828	13,976	5,713	14,902	2,952	7,285	2,877	2,393
Speak English only	12,511	10,796	4,280	978	3,022	804	1,712	935	780
Speak other language	37,587	34,032	9,696	4,734	11,880	2,149	5,573	1,942	1,613
Males	25,736	22,991	7,005	2,900	8,106	1,537	3,442	1,544	1,201
Speak English only	6,278	5,398	1,939	472	1,660	524	804	512	367
Speak other language	19,458	17,592	5,066	2,428	6,446	1,013	2,638	1,032	834
Females	24,362	21,838	6,971	2,813	6,796	1,415	3,843	1,333	1,192
Speak English only	6,233	5,398	2,341	507	1,363	280	908	423	413
Speak other language	18,129	16,439	4,630	2,306	5,433	1,136	2,935	910	779
Total, language spoken at home	50,098	44,828	13,976	5,713	14,902	2,952	7,285	2,877	2,393
English only	12,511	10,796	4,280	978	3,022	804	1,712	935	780
Chamorro	9,301	7,722	2,655	297	978	926	2,865	675	905
Carolinian	2,497	2,481	734	105	664	105	874	16	0
FSM language	1,991	1,957	349	419	681	157	349	16	18
Palauan	796	769	437	105	105	35	87	0	27
Other Pacific Islands	35	35	0	0	17	17	0	0	0
Chinese	2,135	2,061	559	419	908	87	87	73	0
Korean	734	734	280	87	280	0	87	0	0
Filipino	18,174	16,666	4,210	3,092	7,407	821	1,136	943	565
Other language	1,925	1,607	472	210	839	0	87	219	99
Males	25,736	22,991	7,005	2,900	8,106	1,537	3,442	1,544	1,201
English only	6,278	5,398	1,939	472	1,660	524	804	512	367
Chamorro	4,974	4,123	1,450	157	594	437	1,485	349	502
Carolinian	1,109	1,101	384	35	349	70	262	8	0
FSM language	934	908	157	245	262	35	210	16	9
Palauan	419	419	227	52	52	17	70	0	0
Other Pacific Islands	17	17	0	0	17	0	0	0	0
Chinese	940	891	262	105	454	35	35	49	0
Korean	367	367	175	35	140	0	17	0	0
Filipino	9,621	8,875	2,201	1,677	4,071	419	507	504	242
Other language	1,077	891	210	122	507	0	52	106	81
Females	24,362	21,838	6,971	2,813	6,796	1,415	3,843	1,333	1,192
English only	6,233	5,398	2,341	507	1,363	280	908	423	413
Chamorro	4,327	3,599	1,205	140	384	489	1,380	325	403
Carolinian	1,388	1,380	349	70	314	35	611	8	0
FSM language	1,057	1,048	192	175	419	122	140	0	9
Palauan	376	349	210	52	52	17	17	0	27
Other Pacific Islands	17	17	0	0	0	17	0	0	0
Chinese	1,195	1,170	297	314	454	52	52	24	0
Korean	367	367	105	52	140	0	70	0	0
Filipino	8,553	7,792	2,009	1,415	3,337	402	629	439	323
Other language	848	716	262	87	332	0	35	114	18

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 9b. Sex and Speak English at home, Sex and Language (non-English) spoken at home, by District -- continued, CNMI: 2016

English Speaking Language and frequency	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total, frequency of English	50,098	44,828	13,976	5,713	14,902	2,952	7,285	2,877	2,393
Yes, more frequently than English	23,885	21,733	5,748	4,001	8,875	1,240	1,869	1,463	690
Both equally often	9,544	8,700	2,498	611	2,254	664	2,673	341	502
No less frequently than English	3,975	3,424	1,380	122	664	245	1,013	130	421
Doesn't speak English	183	175	70	0	87	0	17	8	0
Speaks English only	12,511	10,796	4,280	978	3,022	804	1,712	935	780
 Males	 25,736	 22,991	 7,005	 2,900	 8,106	 1,537	 3,442	 1,544	 1,201
Yes, more frequently than English	12,783	11,600	3,127	2,079	4,909	611	874	780	403
Both equally often	4,657	4,228	1,188	297	1,118	332	1,293	187	242
No less frequently than English	1,948	1,695	716	52	402	70	454	65	188
Doesn't speak English	70	70	35	0	17	0	17	0	0
Speaks English only	6,278	5,398	1,939	472	1,660	524	804	512	367
 Females	 24,362	 21,838	 6,971	 2,813	 6,796	 1,415	 3,843	 1,333	 1,192
Yes, more frequently than English	11,102	10,133	2,621	1,922	3,966	629	996	683	287
Both equally often	4,887	4,472	1,310	314	1,136	332	1,380	154	260
No less frequently than English	2,027	1,730	664	70	262	175	559	65	233
Doesn't speak English	113	105	35	0	70	0	0	8	0
Speaks English only	6,233	5,398	2,341	507	1,363	280	908	423	413

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 10. Tobacco and Betel Nut Use by District and Island, CNMI: 2016

Tobacco	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Chewing tobacco									
Total	50,098	44,828	13,976	5,713	14,902	2,952	7,285	2,877	2,393
No days	41,327	37,036	11,460	4,769	12,578	2,236	5,992	2,373	1,918
1 to 7 days	462	419	140	52	175	17	35	16	27
8 to 14 days	409	297	122	35	52	17	70	41	72
15 to 28 days	591	507	175	70	157	52	52	49	36
29 or 30 days	7,308	6,569	2,079	786	1,939	629	1,136	398	341
Males	25,736	22,991	7,005	2,900	8,106	1,537	3,442	1,544	1,201
No days	19,420	17,383	5,206	2,131	6,254	1,101	2,690	1,186	851
1 to 7 days	297	262	87	35	122	17	0	8	27
8 to 14 days	296	210	70	35	52	17	35	33	54
15 to 28 days	409	349	140	70	105	0	35	33	27
29 or 30 days	5,313	4,787	1,502	629	1,572	402	681	284	242
Females	24,362	21,838	6,971	2,813	6,796	1,415	3,843	1,333	1,192
No days	21,907	19,654	6,254	2,638	6,324	1,136	3,302	1,186	1,067
1 to 7 days	165	157	52	17	52	0	35	8	0
8 to 14 days	113	87	52	0	0	0	35	8	18
15 to 28 days	182	157	35	0	52	52	17	16	9
29 or 30 days	1,994	1,782	577	157	367	227	454	114	99
Total, chewing tobacco	50,098	44,828	13,976	5,713	14,902	2,952	7,285	2,877	2,393
No days	42,521	37,858	11,635	5,276	13,434	2,254	5,258	2,674	1,990
1 to 7 days	357	297	70	52	87	35	52	24	36
8 to 14 days	305	245	70	17	105	17	35	24	36
15 to 28 days	543	507	262	17	70	70	87	0	36
29 or 30 days	6,373	5,922	1,939	349	1,205	577	1,852	154	296
Males	25,736	22,991	7,005	2,900	8,106	1,537	3,442	1,544	1,201
No days	21,363	18,990	5,625	2,673	7,268	1,118	2,306	1,414	959
1 to 7 days	183	140	35	35	35	17	17	16	27
8 to 14 days	174	140	35	0	70	0	35	16	18
15 to 28 days	315	297	140	0	52	52	52	0	18
29 or 30 days	3,701	3,424	1,170	192	681	349	1,031	98	179
Females	24,362	21,838	6,971	2,813	6,796	1,415	3,843	1,333	1,192
No days	21,158	18,868	6,010	2,603	6,167	1,136	2,952	1,260	1,031
1 to 7 days	174	157	35	17	52	17	35	8	9
8 to 14 days	131	105	35	17	35	17	0	8	18
15 to 28 days	228	210	122	17	17	17	35	0	18
29 or 30 days	2,672	2,498	769	157	524	227	821	57	117

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 11. Military Duty, Work Last Week, and Hours of Work by District and Island, CNMI: 2016

Military Work last week and hours	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Any active duty									
Total	38,997	35,097	10,499	4,647	11,565	2,446	5,940	2,080	1,820
Active duty now	61	52	35	0	0	0	17	0	9
Previous active duty	584	489	105	70	140	35	140	41	54
Reserves or National Guard	226	210	70	0	70	17	52	16	0
No	38,126	34,346	10,290	4,577	11,356	2,393	5,730	2,024	1,757
WORK LAST WEEK									
Total	38,692	34,853	10,412	4,577	11,495	2,446	5,922	2,056	1,784
Yes, paid and no subsistence	21,359	19,130	5,311	2,568	6,831	1,310	3,110	1,081	1,148
Yes, paid and subsistence	942	926	280	70	489	17	70	16	0
Yes, Subsistence only	149	140	17	0	87	0	35	0	9
No	16,243	14,657	4,804	1,939	4,088	1,118	2,708	959	627
Males	19,740	17,802	5,241	2,324	6,132	1,240	2,865	1,032	906
Yes, paid and no subsistence	12,844	11,530	3,162	1,642	4,228	769	1,730	650	664
Yes, paid and subsistence	523	507	140	35	280	17	35	16	0
Yes, Subsistence only	96	87	17	0	35	0	35	0	9
No	6,276	5,678	1,922	646	1,590	454	1,066	366	233
Females	18,953	17,051	5,171	2,254	5,363	1,205	3,057	1,024	878
Yes, paid and no subsistence	8,515	7,599	2,149	926	2,603	542	1,380	431	484
Yes, paid and subsistence	419	419	140	35	210	0	35	0	0
Yes, Subsistence only	52	52	0	0	52	0	0	0	0
No	9,967	8,980	2,883	1,293	2,498	664	1,642	593	394
HOURS WORKED LAST WEEK									
Total	22,301	20,056	5,590	2,638	7,320	1,328	3,180	1,097	1,148
1 to 14 hours	208	192	87	17	52	17	17	16	0
14 to 34 hours	2,417	2,114	594	262	821	140	297	106	197
35 to 44 hours	18,748	16,963	4,630	2,306	6,080	1,136	2,813	959	825
More than 45 hours	928	786	280	52	367	35	52	16	126
Males	13,367	12,037	3,302	1,677	4,507	786	1,764	666	664
1 to 14 hours	121	105	70	0	35	0	0	16	0
14 to 34 hours	1,021	874	210	122	349	70	122	49	99
35 to 44 hours	11,691	10,587	2,848	1,520	3,896	699	1,625	593	511
More than 45 hours	534	472	175	35	227	17	17	8	54
Females	8,934	8,019	2,289	961	2,813	542	1,415	431	484
1 to 14 hours	87	87	17	17	17	17	17	0	0
14 to 34 hours	1,396	1,240	384	140	472	70	175	57	99
35 to 44 hours	7,056	6,377	1,782	786	2,184	437	1,188	366	314
More than 45 hours	394	314	105	17	140	17	35	8	72

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 12. Labor Force Participation and Unemployment by District and Island, CNMI: 2016

	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	38,727	34,888	10,412	4,577	11,513	2,463	5,922	2,056	1,784
In Labor Force	27,102	24,337	7,005	3,319	8,578	1,590	3,844	1,430	1,336
Percent	70.0	69.8	67.3	72.5	74.5	64.6	64.9	69.6	74.9
Paid work working	22,301	20,056	5,590	2,638	7,320	1,328	3,180	1,097	1,148
Paid work not working	1,321	1,136	507	122	192	35	280	24	161
Unemployed	3,480	3,145	908	559	1,066	227	384	309	27
Percent	12.8	12.9	13.0	16.8	12.4	14.3	10.0	21.6	2.0
Not in the labor force	11,625	10,552	3,407	1,258	2,935	874	2,079	626	447
Males	19,775	17,837	5,241	2,324	6,149	1,258	2,865	1,032	906
In Labor Force	15,377	13,819	3,879	1,939	5,031	890	2,078	804	754
Percent	77.8	77.5	74.0	83.4	81.8	70.7	72.5	77.9	83.2
Paid work working	13,367	12,037	3,302	1,677	4,507	786	1,764	666	664
Paid work not working	542	437	175	52	70	17	122	24	81
Unemployed	1,468	1,345	402	210	454	87	192	114	9
Percent	9.5	9.7	10.4	10.8	9.0	9.8	9.2	14.2	1.2
Not in the labor force	4,398	4,018	1,363	384	1,118	367	786	228	152
Females	18,953	17,051	5,171	2,254	5,363	1,205	3,057	1,024	878
In Labor Force	11,726	10,517	3,128	1,380	3,546	699	1,764	626	583
Percent	61.9	61.7	60.5	61.2	66.1	58.0	57.7	61.1	66.4
Paid work working	8,934	8,019	2,289	961	2,813	542	1,415	431	484
Paid work not working	780	699	332	70	122	17	157	0	81
Unemployed	2,012	1,799	507	349	611	140	192	195	18
Percent	17.2	17.1	16.2	25.3	17.2	20.0	10.9	31.2	3.1
Not in the labor force	7,227	6,534	2,044	874	1,817	507	1,293	398	295

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 13. Unemployment and Class of Worker by District and Island, CNMI: 2016

	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Layoff / vacation									
Total	16,392	14,797	4,822	1,939	4,175	1,118	2,743	959	635
Yes, on layoff	95	87	35	0	0	0	52	8	0
Yes, vacation	882	874	454	105	157	35	122	8	0
No	15,414	13,836	4,333	1,834	4,018	1,083	2,568	943	635
Look for work									
Total	16,392	14,797	4,822	1,939	4,175	1,118	2,743	959	635
Yes	3,230	2,830	856	437	821	175	542	211	188
No	13,162	11,967	3,966	1,502	3,354	943	2,201	748	447
Take job if available									
Total	3,230	2,830	856	437	821	175	542	211	188
No already has a job	35	35	0	0	0	0	35	0	0
No temporarily ill	52	52	0	17	0	0	35	0	0
No other reasons	292	122	17	0	35	0	70	8	161
Yes, could have taken a job	2,851	2,621	839	419	786	175	402	203	27
Year when last worked									
Total	16,392	14,797	4,822	1,939	4,175	1,118	2,743	959	635
2016	1,901	1,730	472	367	594	140	157	163	9
2015	1,088	856	175	175	297	87	122	187	45
2013-2014	940	804	297	105	297	0	105	65	72
2010-2012	1,221	1,066	402	87	332	70	175	57	99
2000-2009	2,597	2,341	996	367	681	192	105	122	134
Before 2000	1,335	1,223	367	157	402	140	157	41	72
Never Worked	7,309	6,778	2,114	681	1,572	489	1,922	325	205
CLASS OF WORKER									
Total	22,283	20,038	5,590	2,638	7,320	1,328	3,162	1,097	1,148
Private company	18,088	16,719	4,595	2,498	6,499	978	2,149	723	646
CNMI government	3,708	2,970	874	105	734	349	908	317	422
Municipal government	24	0	0	0	0	0	0	24	0
US/other government	254	192	87	0	52	0	52	8	54
Self employed	209	157	35	35	35	0	52	24	27
Working without pay	0	0	0	0	0	0	0	0	0
Males									
Total	13,350	12,019	3,302	1,677	4,507	786	1,747	666	664
Private company	11,146	10,307	2,778	1,607	4,071	646	1,205	471	368
CNMI government	1,864	1,467	454	52	367	140	454	154	242
Municipal government	16	0	0	0	0	0	0	16	0
US/other government	158	122	35	0	52	0	35	0	36
Self employed	165	122	35	17	17	0	52	24	18
Working without pay	0	0	0	0	0	0	0	0	0
Females									
Total	8,934	8,019	2,289	961	2,813	542	1,415	431	484
Private company	6,942	6,411	1,817	891	2,428	332	943	252	278
CNMI government	1,844	1,502	419	52	367	210	454	163	179
Municipal government	8	0	0	0	0	0	0	8	0
US/other government	96	70	52	0	0	0	17	8	18
Self employed	44	35	0	17	17	0	0	0	9
Working without pay	0	0	0	0	0	0	0	0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 14. Industry by District and Island, CNMI: 2016

Industry	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	22,301	20,056	5,590	2,638	7,320	1,328	3,180	1,097	1,148
Agriculture fishing quarrying utilities	235	157	52	0	52	0	52	24	54
Construction	2,141	1,957	699	472	542	105	140	122	63
Manufacturing	548	524	87	87	262	35	52	24	0
Wholesale and retail trade	2,783	2,533	856	297	839	192	349	187	63
Transport and warehousing	1,109	1,083	402	157	332	0	192	8	18
Information finance real estate	1,062	961	280	105	419	52	105	65	36
Professional scientific technical	402	402	52	35	192	17	105	0	0
Administrative support	1,436	1,310	367	175	559	140	70	89	36
Educational services	1,165	996	402	52	245	35	262	98	72
Health care and social assist	1,222	1,066	262	52	419	87	245	49	108
Arts entertainment recreation	1,371	1,258	332	105	594	17	210	33	81
Accommodation and food service	5,200	4,961	1,013	804	2,044	367	734	122	117
Other service (exc. public administration)	1,290	1,136	367	210	437	35	87	65	90
Public Administration	2,336	1,712	419	87	384	245	577	211	413
Males	13,367	12,037	3,302	1,677	4,507	786	1,764	666	664
Agriculture fishing quarrying utilities	217	157	52	0	52	0	52	24	36
Construction	1,959	1,782	646	454	454	105	122	114	63
Manufacturing	358	349	87	17	192	35	17	8	0
Wholesale and retail trade	1,652	1,520	402	140	611	122	245	114	18
Transport and warehousing	812	786	262	105	262	0	157	8	18
Information finance real estate	634	577	157	70	280	35	35	49	9
Professional scientific technical	227	227	35	35	140	0	17	0	0
Administrative support	1,114	1,013	245	175	472	87	35	65	36
Educational services	337	262	105	0	52	0	105	57	18
Health care and social assist	297	280	87	0	105	35	52	0	18
Arts entertainment recreation	865	786	210	70	384	0	122	16	63
Accommodation and food service	2,731	2,638	577	437	996	245	384	57	36
Other service (exc. public administration)	575	489	140	105	210	0	35	33	54
Public Administration	1,588	1,170	297	70	297	122	384	122	296
Females	8,934	8,019	2,289	961	2,813	542	1,415	431	484
Agriculture fishing quarrying utilities	18	0	0	0	0	0	0	0	18
Construction	183	175	52	17	87	0	17	8	0
Manufacturing	191	175	0	70	70	0	35	16	0
Wholesale and retail trade	1,131	1,013	454	157	227	70	105	73	45
Transport and warehousing	297	297	140	52	70	0	35	0	0
Information finance real estate	428	384	122	35	140	17	70	16	27
Professional scientific technical	175	175	17	0	52	17	87	0	0
Administrative support	321	297	122	0	87	52	35	24	0
Educational services	828	734	297	52	192	35	157	41	54
Health care and social assist	925	786	175	52	314	52	192	49	90
Arts entertainment recreation	506	472	122	35	210	17	87	16	18
Accommodation and food service	2,469	2,324	437	367	1,048	122	349	65	81
Other service (exc. public administration)	715	646	227	105	227	35	52	33	36
Public Administration	748	542	122	17	87	122	192	89	117

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 15. Occupation by District and Island, CNMI: 2016

Occupation	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total	22,301	20,056	5,590	2,638	7,320	1,328	3,180	1,097	1,148
Management business financial	2,123	1,922	507	175	751	192	297	130	72
Computer engineering science	542	454	52	70	210	17	105	16	72
Education legal community arts media	1,424	1,258	419	70	314	105	349	41	126
Healthcare practitioners and technical	401	367	35	0	262	0	70	16	18
Service	6,894	6,254	1,398	1,013	2,533	367	943	317	323
Sales	1,665	1,520	384	157	594	87	297	73	72
Office and administrative support	2,690	2,306	943	192	542	140	489	187	197
Farming fishing forestry	131	70	0	17	0	0	52	16	45
Construction	1,439	1,293	454	314	349	87	87	65	81
Installation maintenance	2,321	2,114	489	419	943	122	140	163	45
Production	847	804	227	140	297	52	87	16	27
Transportation and material moving	1,823	1,695	681	70	524	157	262	57	72
Males	13,367	12,037	3,302	1,677	4,507	786	1,764	666	664
Management business financial	1,140	1,031	245	105	419	122	140	73	36
Computer engineering science	463	384	52	52	175	17	87	16	63
Education legal community arts media	505	437	140	0	122	17	157	33	36
Healthcare practitioners and technical	122	122	0	0	87	0	35	0	0
Service	3,748	3,372	786	507	1,310	262	507	179	197
Sales	489	472	70	70	227	0	105	8	9
Office and administrative support	818	699	349	17	140	0	192	57	63
Farming fishing forestry	131	70	0	17	0	0	52	16	45
Construction	1,413	1,275	454	314	349	87	70	57	81
Installation maintenance	2,286	2,079	454	419	943	122	140	163	45
Production	568	542	157	105	210	17	52	8	18
Transportation and material moving	1,683	1,555	594	70	524	140	227	57	72
Females	8,934	8,019	2,289	961	2,813	542	1,415	431	484
Management business financial	984	891	262	70	332	70	157	57	36
Computer engineering science	79	70	0	17	35	0	17	0	9
Education legal community arts media	919	821	280	70	192	87	192	8	90
Healthcare practitioners and technical	279	245	35	0	175	0	35	16	18
Service	3,146	2,883	611	507	1,223	105	437	138	126
Sales	1,176	1,048	314	87	367	87	192	65	63
Office and administrative support	1,872	1,607	594	175	402	140	297	130	135
Farming fishing forestry	0	0	0	0	0	0	0	0	0
Construction	26	17	0	0	0	0	17	8	0
Installation maintenance	35	35	35	0	0	0	0	0	0
Production	279	262	70	35	87	35	35	8	9
Transportation and material moving	140	140	87	0	0	17	35	0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 16. Paid Work in 2015, Weeks Worked, and Usual Hours Worked by District and Island, CNMI: 2016

Paid work in 2015 Weeks and hours worked	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Total, paid work in 2015	38,692	34,853	10,412	4,577	11,495	2,446	5,922	2,056	1,784
Did paid work	22,002	19,619	5,486	2,673	7,075	1,450	2,935	1,325	1,058
Did not do paid work	16,690	15,234	4,927	1,904	4,420	996	2,987	731	725
Males	19,740	17,802	5,241	2,324	6,132	1,240	2,865	1,032	906
Did paid work	12,945	11,548	3,180	1,537	4,385	821	1,625	796	601
Did not do paid work	6,794	6,254	2,061	786	1,747	419	1,240	236	305
Females	18,953	17,051	5,171	2,254	5,363	1,205	3,057	1,024	878
Did paid work	9,057	8,071	2,306	1,136	2,690	629	1,310	528	457
Did not do paid work	9,896	8,980	2,865	1,118	2,673	577	1,747	496	421
Total, weeks worked in 2015	22,002	19,619	5,486	2,673	7,075	1,450	2,935	1,325	1,058
Less than 13 weeks	1,043	943	384	105	349	17	87	81	18
14 to 26 weeks	912	786	227	87	262	105	105	81	45
27 to 39 weeks	972	804	227	175	332	17	52	106	63
40 to 49 weeks	1,715	1,607	437	52	926	52	140	89	18
50 to 52 weeks	17,360	15,478	4,210	2,254	5,206	1,258	2,551	967	915
Males	12,945	11,548	3,180	1,537	4,385	821	1,625	796	601
Less than 13 weeks	634	577	192	52	297	0	35	49	9
14 to 26 weeks	555	472	157	35	140	87	52	57	27
27 to 39 weeks	539	472	122	122	227	0	0	41	27
40 to 49 weeks	1,017	943	245	17	611	17	52	65	9
50 to 52 weeks	10,199	9,084	2,463	1,310	3,110	716	1,485	585	529
Females	9,057	8,071	2,306	1,136	2,690	629	1,310	528	457
Less than 13 weeks	408	367	192	52	52	17	52	33	9
14 to 26 weeks	357	314	70	52	122	17	52	24	18
27 to 39 weeks	433	332	105	52	105	17	52	65	36
40 to 49 weeks	697	664	192	35	314	35	87	24	9
50 to 52 weeks	7,162	6,394	1,747	943	2,096	542	1,066	382	386
Total, usual hours worked in 2015	22,002	19,619	5,486	2,673	7,075	1,450	2,935	1,325	1,058
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	139	105	17	52	35	0	0	16	18
14 to 34 hours	1,938	1,695	472	262	716	87	157	73	170
35 to 44 hours	19,025	17,033	4,717	2,324	5,957	1,345	2,690	1,203	789
More than 45 hours	899	786	280	35	367	17	87	33	81
Males	12,945	11,548	3,180	1,537	4,385	821	1,625	796	601
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	51	35	17	17	0	0	0	16	0
14 to 34 hours	769	664	192	70	314	17	70	24	81
35 to 44 hours	11,602	10,360	2,813	1,450	3,843	786	1,467	740	502
More than 45 hours	523	489	157	0	227	17	87	16	18
Females	9,057	8,071	2,306	1,136	2,690	629	1,310	528	457
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	88	70	0	35	35	0	0	0	18
14 to 34 hours	1,169	1,031	280	192	402	70	87	49	90
35 to 44 hours	7,424	6,674	1,904	874	2,114	559	1,223	463	287
More than 45 hours	376	297	122	35	140	0	0	16	63

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 17. Wages, Household Income, Family Income, and Persons in Poverty by District and Island, CNMI: 2016

Wages Household and Family Income	Total	Saipan					Tinian	Rota	
		Total	1	2	3	4			5
Wages									
Total	38,997	35,097	10,499	4,647	11,565	2,446	5,940	2,080	1,820
No Wages	11,487	10,517	3,459	1,275	2,865	699	2,219	496	474
\$1 to \$4999	1,782	1,450	507	227	489	87	140	171	161
\$5000 to \$9999	3,878	3,477	1,013	577	1,170	245	472	195	206
\$10000 to \$11249	2,054	1,852	559	419	699	70	105	130	72
\$11250 to \$12499	5,156	4,612	1,328	839	1,939	280	227	382	161
\$12500 to \$13749	4,591	4,315	1,170	542	1,607	280	716	195	81
\$13750 to \$14999	5,950	5,521	1,467	751	2,009	367	926	268	161
\$15000 to \$17499	3,342	2,970	839	437	1,031	140	524	130	242
\$17500 to \$19999	4,901	4,368	1,031	611	1,799	227	699	211	322
\$20000 to \$24999	2,205	1,974	769	105	454	245	402	106	126
\$25000 to \$49999	2,949	2,516	716	210	646	245	699	236	197
\$50000 or more	689	664	210	52	192	52	157	16	9
Median	12,500	12,500	11,875	11,563	12,500	12,500	12,500	11,809	12,500
Mean	11,946	11,927	11,486	10,805	12,113	12,997	12,839	12,112	12,125
Persons									
Per capita income	\$8,644	\$8,685	\$7,953	\$8,306	\$8,841	\$9,997	\$9,574	\$8,243	\$8,375
Household income									
Total	16,595	14,745	4,350	2,184	5,381	874	1,957	926	923
No household income	698	629	122	175	280	17	35	24	45
\$ 1 - \$ 9999	2,318	1,957	507	332	699	70	349	146	215
\$ 10000 - \$ 12499	1,597	1,502	437	314	629	70	52	41	54
\$ 12500 - \$ 14999	1,933	1,799	629	332	559	87	192	98	36
\$ 15000 - \$ 19999	2,084	1,852	542	280	769	70	192	89	143
\$ 20000 - \$ 29999	3,567	3,127	961	524	1,258	105	280	260	179
\$ 30000 - \$ 39999	1,794	1,607	402	105	577	227	297	98	90
\$ 40000 - \$ 49999	904	751	262	17	227	105	140	81	72
\$50000 or more	1,699	1,520	489	105	384	122	419	89	90
Median	19,201	19,009	19,436	14,540	18,409	30,769	25,625	22,500	18,911
Mean	25,740	25,911	29,796	17,404	22,392	32,351	33,569	26,085	22,666
Family income									
Total	16,630	14,780	4,350	2,201	5,381	874	1,974	926	923
No family income	838	769	175	210	314	35	35	24	45
\$ 1 - \$ 9999	2,667	2,254	507	402	839	87	419	163	251
\$ 10000 - \$ 12499	1,796	1,660	489	314	734	70	52	73	63
\$ 12500 - \$ 14999	2,098	1,957	664	349	664	70	210	106	36
\$ 15000 - \$ 19999	1,997	1,764	507	280	699	52	227	89	143
\$ 20000 - \$ 29999	3,185	2,813	891	454	1,048	157	262	219	152
\$ 30000 - \$ 39999	1,620	1,433	419	87	507	192	227	98	90
\$ 40000 - \$ 49999	888	734	227	35	210	87	175	73	81
\$50000 or more	1,542	1,398	472	70	367	122	367	81	63
Median	17,293	17,129	18,362	13,750	16,000	27,778	21,667	20,370	17,343
Mean	24,257	24,452	28,908	15,938	20,683	31,015	31,493	24,457	20,929
Persons in poverty									
Total	53,506	47,815	15,042	6,045	15,810	3,040	7,879	3,056	2,635
Not in universe	1,870	1,712	489	437	542	140	105	33	126
Less than 50 percent	10,455	9,119	2,970	1,153	3,022	262	1,712	699	637
50 to 99 percent	18,320	16,824	5,695	2,551	5,748	856	1,974	943	554
100 to 124 percent	6,468	5,922	1,258	874	2,009	681	1,101	276	269
125 to 149 percent	4,473	3,826	1,205	314	1,520	87	699	423	224
150 percent or more	11,920	10,412	3,424	716	2,970	1,013	2,289	683	825

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 18. Sex and Relationship by Age, CNMI: 2016

Relationship	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	53,890	3,792	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	33.5
Householder	16,699	0	0	35	306	1,628	3,534	5,837	3,835	1,526	49.9
Spouse	7,820	0	0	17	164	740	2,418	2,419	1,541	521	47.4
Child	18,868	2,434	8,385	3,937	2,032	1,376	523	183	0	0	13.3
Stepchild	662	105	296	113	70	61	17	0	0	0	12.7
Sibling	716	0	70	96	96	182	157	79	0	35	30.2
Parent	513	0	0	0	0	0	0	95	114	304	70.1
Grandchild	2,603	976	1,193	303	70	61	0	0	0	0	7.7
Other relative no write in	2,832	207	376	252	349	592	454	297	236	70	28.9
Roomer-boarder	480	17	8	35	35	157	87	70	52	17	34.2
Housemate	87	0	0	0	0	0	17	35	17	17	52.5
Unmarried	1,918	0	0	35	96	332	593	549	297	17	43.4
Nonrelative	690	52	105	105	123	123	87	61	0	35	23.4
Males	27,713	1,977	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	33.9
Householder	10,116	0	0	35	157	837	1,947	3,672	2,413	1,055	50.7
Spouse	2,415	0	0	17	43	209	783	703	478	182	47.2
Child	9,761	1,263	4,415	1,949	1,046	688	278	122	0	0	13.2
Stepchild	384	52	148	70	52	44	17	0	0	0	14.4
Sibling	437	0	35	35	79	96	122	52	0	17	32.3
Parent	148	0	0	0	0	0	0	17	52	78	66.7
Grandchild	1,384	515	642	173	35	17	0	0	0	0	7.7
Other relative no write in	1,518	112	184	114	122	358	236	209	131	52	31.4
Roomer-boarder	305	17	8	0	17	87	70	70	35	0	38.2
Housemate	35	0	0	0	0	0	0	17	17	0	55.0
Unmarried	862	0	0	0	26	200	199	297	122	17	45.2
Nonrelative	349	17	52	52	52	79	52	43	0	0	25.0
Females	26,177	1,815	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	33.1
Householder	6,584	0	0	0	149	790	1,587	2,165	1,421	471	48.5
Spouse	5,406	0	0	0	121	531	1,636	1,716	1,063	339	47.4
Child	9,107	1,171	3,970	1,988	986	687	244	61	0	0	13.5
Stepchild	278	52	148	43	17	17	0	0	0	0	10.9
Sibling	279	0	35	61	17	86	35	26	0	17	28.0
Parent	365	0	0	0	0	0	0	78	61	226	71.3
Grandchild	1,219	461	550	129	35	44	0	0	0	0	7.7
Other relative no write in	1,315	95	192	139	227	234	218	87	105	17	25.2
Roomer-boarder	175	0	0	35	17	70	17	0	17	17	30.0
Housemate	52	0	0	0	0	0	17	17	0	17	50.0
Unmarried	1,056	0	0	35	70	131	393	252	175	0	42.4
Nonrelative	341	35	52	52	70	44	35	17	0	35	22.2

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 19. Sex and Ethnic origin (principal) by Age, CNMI: 2016

Ethnicity	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	53,890	3,792	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	33.5
Chamorro	14,434	1,459	2,834	1,376	1,118	1,811	1,837	1,822	1,322	854	27.4
Carolinian	3,815	261	786	349	384	602	349	489	437	157	27.1
FSM	3,790	314	909	629	402	384	507	410	200	35	20.5
Palauan	1,564	87	254	192	157	79	158	314	174	148	35.8
Chinese	2,727	245	583	210	52	367	785	338	78	70	32.5
Filipino	24,174	1,235	4,571	1,989	1,089	1,602	3,576	5,615	3,487	1,011	39.5
Other Asian	2,274	147	356	165	85	259	424	401	245	192	37.9
Other	1,111	43	139	17	52	148	252	235	148	76	41.2
Males	27,713	1,977	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	33.9
Chamorro	7,494	838	1,425	566	516	899	957	1,152	748	392	29.5
Carolinian	1,912	165	419	157	245	262	175	175	262	52	24.4
FSM	1,816	175	472	297	157	192	210	235	61	17	19.4
Palauan	698	70	114	70	70	52	26	192	43	61	29.9
Chinese	1,218	122	269	105	0	192	313	112	52	52	30.9
Filipino	12,709	556	2,490	1,146	574	810	1,687	2,894	1,917	636	39.6
Other Asian	1,251	51	209	105	51	139	190	278	87	140	38.7
Other	616	0	86	0	17	70	148	165	78	51	44.1
Females	26,177	1,815	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	33.1
Chamorro	6,940	621	1,410	810	602	912	880	670	574	462	25.3
Carolinian	1,903	95	367	192	140	340	175	314	175	105	29.6
FSM	1,975	140	437	332	245	192	297	175	140	17	21.6
Palauan	865	17	140	122	87	26	131	122	131	87	38.0
Chinese	1,509	122	314	105	52	175	472	226	26	17	34.2
Filipino	11,465	680	2,081	843	515	791	1,889	2,721	1,570	375	39.4
Other Asian	1,023	96	147	61	34	120	234	122	157	52	37.3
Other	496	43	52	17	35	78	105	70	70	26	37.1

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 20. Sex and Marital status by Age, CNMI: 2016

	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	53,890	3,792	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	33.5
Now married	22,199	0	0	104	514	2,357	5,846	7,248	4,477	1,653	48.1
Separated	765	0	0	0	0	26	122	330	235	52	52.1
Widowed	1,414	0	0	0	0	0	26	244	525	619	63.3
Divorced	665	0	0	0	9	52	157	202	175	70	50.7
Never married	28,847	3,792	10,432	4,824	2,818	2,817	1,737	1,600	679	149	15.2
Males	27,713	1,977	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	33.9
Now married	11,700	0	0	44	148	1,063	2,773	3,909	2,683	1,080	49.7
Separated	409	0	0	0	0	0	43	209	105	52	52.7
Widowed	400	0	0	0	0	0	8	96	105	191	64.1
Divorced	263	0	0	0	0	35	70	79	61	17	48.4
Never married	14,941	1,977	5,484	2,402	1,483	1,518	812	909	295	61	15.0
Females	26,177	1,815	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	33.1
Now married	10,499	0	0	61	366	1,294	3,073	3,338	1,794	573	46.4
Separated	356	0	0	0	0	26	79	121	130	0	51.1
Widowed	1,013	0	0	0	0	0	17	148	420	428	63.1
Divorced	403	0	0	0	9	17	87	123	114	52	52.1
Never married	13,906	1,815	4,947	2,422	1,336	1,298	926	690	384	87	15.4

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 21. Sex and Birthplace by Age, CNMI: 2016

Birthplace	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	53,890	3,792	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	33.5
Saipan	26,909	3,278	8,430	3,911	2,634	2,604	1,952	1,937	1,473	689	17.2
Tinian	881	57	189	98	69	136	109	89	92	42	27.1
Rota	1,467	179	457	117	98	108	152	197	80	79	19.2
N. Islands	175	0	0	0	0	0	0	35	70	70	62.5
Guam	1,143	26	262	123	105	165	234	113	79	35	28.4
U.S.	1,001	113	234	87	35	167	35	192	87	51	26.9
FSM	1,702	17	140	87	88	262	411	410	200	87	41.3
Palau	716	0	0	0	17	17	96	245	157	183	54.3
China	1,812	17	35	87	17	367	802	338	78	70	39.8
Korea	559	0	17	35	0	17	105	140	105	140	52.5
Philippines	15,812	78	451	357	175	1,115	3,523	5,615	3,487	1,011	48.9
Elsewhere	1,714	26	216	26	102	294	467	313	183	87	39.1
Males	27,713	1,977	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	33.9
Saipan	13,760	1,708	4,310	1,978	1,290	1,280	933	1,100	820	340	17.2
Tinian	524	49	116	65	43	43	85	57	41	26	23.7
Rota	805	126	206	45	71	63	90	135	53	17	21.9
N. Islands	105	0	0	0	0	0	0	17	70	17	60.0
Guam	687	17	148	105	87	78	111	78	44	17	24.2
U.S.	513	52	174	0	17	53	35	105	52	25	27.5
FSM	811	0	122	35	0	157	166	235	61	35	40.5
Palau	296	0	0	0	0	17	35	140	26	78	51.8
China	809	17	17	52	0	192	313	112	52	52	39.0
Korea	245	0	0	17	0	0	17	70	52	87	58.3
Philippines	8,169	0	251	148	70	584	1,669	2,894	1,917	636	49.7
Elsewhere	989	8	139	0	51	148	251	261	61	70	40.9
Females	26,177	1,815	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	33.1
Saipan	13,149	1,570	4,119	1,933	1,344	1,323	1,019	837	653	349	17.3
Tinian	357	8	73	33	26	93	24	33	51	16	29.2
Rota	662	54	251	72	27	45	63	62	27	61	16.8
N. Islands	70	0	0	0	0	0	0	17	0	52	76.0
Guam	455	9	114	18	17	87	123	35	35	17	33.0
U.S.	488	61	61	87	17	114	0	87	35	26	26.6
FSM	891	17	17	52	88	105	245	175	140	52	41.8
Palau	420	0	0	0	17	0	61	105	131	105	57.0
China	1,003	0	17	35	17	175	489	226	26	17	40.2
Korea	314	0	17	17	0	17	87	70	52	52	47.5
Philippines	7,643	78	200	209	105	531	1,854	2,721	1,570	375	48.1
Elsewhere	725	17	77	26	51	146	217	52	122	17	37.1

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 22. Sex and Citizenship, Year to area, Reason for migration by Age, CNMI: 2016

Citizenship	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	53,890	3,792	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	33.5
U.S. Citizen	33,219	3,689	9,694	4,362	2,941	3,293	2,745	2,867	2,281	1,348	18.7
Born in CNMI	29,606	3,567	9,137	4,099	2,801	2,865	2,214	2,310	1,715	897	17.6
Born in U.S./territory or parents	2,405	122	531	254	140	341	313	323	219	164	29.6
Naturalized U.S. citizen	1,208	0	26	9	0	87	218	234	347	287	55.9
Noncitizen	20,671	104	738	566	400	1,959	5,143	6,756	3,811	1,195	47.1
Noncitizen Green card	3,317	0	192	35	70	278	677	965	698	402	49.2
Other noncitizen	17,354	104	546	531	330	1,680	4,466	5,791	3,113	794	46.8
Males	27,713	1,977	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	33.9
U.S. Citizen	17,074	1,952	5,033	2,210	1,510	1,587	1,341	1,623	1,158	660	18.5
Born in CNMI	15,265	1,900	4,685	2,071	1,405	1,386	1,108	1,326	984	401	17.5
Born in U.S./territory or parents	1,305	52	339	140	105	149	155	201	96	68	26.1
Naturalized U.S. citizen	505	0	9	0	0	52	78	96	78	191	57.2
Noncitizen	10,639	26	451	235	121	1,029	2,365	3,580	2,091	741	48.1
Noncitizen Green card	1,513	0	105	0	0	183	242	461	296	227	49.9
Other noncitizen	9,126	26	347	235	121	846	2,123	3,119	1,795	514	47.8
Females	26,177	1,815	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	33.1
U.S. Citizen	16,145	1,737	4,661	2,152	1,431	1,706	1,404	1,244	1,123	688	18.9
Born in CNMI	14,341	1,667	4,452	2,028	1,396	1,479	1,106	984	731	497	17.6
Born in U.S./territory or parents	1,101	70	192	114	35	192	158	122	122	95	32.3
Naturalized U.S. citizen	703	0	17	9	0	35	140	138	269	95	55.5
Noncitizen	10,032	78	286	331	279	929	2,778	3,176	1,720	454	46.1
Noncitizen Green card	1,804	0	87	35	70	95	435	505	402	175	48.6
Other noncitizen	8,228	78	199	296	209	834	2,344	2,672	1,318	279	45.6
Year to area											
Total	24,285	225	1,295	829	540	2,387	5,674	7,313	4,376	1,646	46.6
2016	1,962	121	156	78	165	725	384	210	52	70	31.4
2015	1,369	78	245	70	104	262	427	130	52	0	32.2
2013-2014	1,491	17	399	208	26	303	285	70	105	79	28.2
2010-2012	591	9	182	105	17	70	95	70	17	26	20.1
2005-2009	2,559	0	271	114	35	401	1,078	513	113	35	39.3
2000-2004	2,960	0	44	202	96	199	1,393	686	287	52	41.7
1990-1999	8,841	0	0	52	95	279	1,611	4,389	1,996	418	50.4
1980-1989	3,457	0	0	0	0	148	312	1,027	1,447	522	56.7
Before 1980	1,055	0	0	0	0	0	87	219	305	444	62.3
Reason for migration											
Total	24,285	225	1,295	829	540	2,387	5,674	7,313	4,376	1,646	46.6
Employment	17,010	0	0	17	208	1,350	4,368	6,406	3,599	1,062	49.0
Spouse of employed	1,138	0	0	8	34	138	383	200	227	148	45.3
Dependent of employed	1,953	147	735	427	52	184	190	61	52	105	16.1
Family subsistence	1,796	35	341	192	87	312	253	314	192	70	32.8
Family business	698	0	17	105	52	175	122	114	35	78	35.0
Missionary activities	8	0	0	0	0	0	0	0	8	0	60.0
Medical reasons	0	0	0	0	0	0	0	0	0	0	0.0
Visiting or vacation	873	0	17	35	53	96	183	192	192	105	47.7
Other reason	808	44	184	44	52	132	176	26	70	79	31.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 23. Sex and School attendance, Sex and Educational attainment by Age, CNMI: 2016

Schooling and Attainment	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	53,890	3,792	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	33.5
No has not attended	38,796	3,181	896	1,016	2,756	5,087	7,776	9,528	6,012	2,543	43.3
Yes, public school or college	14,089	393	8,967	3,807	532	156	86	78	70	0	12.4
Yes, private school or college	1,006	218	569	105	52	9	26	17	9	0	10.0
Males	27,713	1,977	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	33.9
No has not attended	20,164	1,654	460	539	1,465	2,565	3,689	5,185	3,205	1,402	44.2
Yes, public school or college	7,086	227	4,718	1,872	165	43	8	17	35	0	12.0
Yes, private school or college	463	96	306	35	0	9	8	0	9	0	9.4
Females	26,177	1,815	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	33.1
No has not attended	18,632	1,526	436	477	1,291	2,522	4,087	4,343	2,808	1,141	42.5
Yes, public school or college	7,003	166	4,248	1,935	367	113	78	61	35	0	12.9
Yes, private school or college	543	122	263	70	52	0	17	17	0	0	10.7
EDUCATIONAL ATTAINMENT											
Total	31,398	0	0	0	0	5,252	7,888	9,623	6,091	2,543	47.7
Less than 9th grade	2,187	0	0	0	0	183	392	409	452	751	57.4
9th to 12th grade	3,592	0	0	0	0	751	776	906	776	382	48.0
High school graduate	12,783	0	0	0	0	2,322	3,252	4,047	2,482	680	47.0
Some college	4,085	0	0	0	0	741	948	1,532	672	191	47.3
AA - academic	2,348	0	0	0	0	356	568	821	516	87	48.0
AA - occupational	1,064	0	0	0	0	184	340	349	122	70	45.2
BA	4,642	0	0	0	0	610	1,350	1,393	1,002	286	47.6
MS PhD or Professional degree	697	0	0	0	0	104	262	165	70	95	44.3
Percent High School Grads	81.6	...	...	...	...	82.2	85.2	86.3	79.9	55.4	...
Percent BA/BS or above	17.0	...	...	...	...	13.6	20.4	16.2	17.6	15.0	...
Males	16,175	0	0	0	0	2,617	3,706	5,203	3,249	1,402	48.4
Less than 9th grade	1,011	0	0	0	0	70	192	227	191	332	55.9
9th to 12th grade	1,867	0	0	0	0	481	349	506	366	164	47.0
High school graduate	6,787	0	0	0	0	1,246	1,701	2,045	1,358	436	47.2
Some college	2,301	0	0	0	0	297	453	984	428	139	49.1
AA - academic	1,512	0	0	0	0	235	271	595	341	70	49.2
AA - occupational	471	0	0	0	0	87	87	184	78	35	48.3
BA	1,924	0	0	0	0	139	592	602	417	173	48.8
MS PhD or Professional degree	304	0	0	0	0	61	61	61	70	52	50.1
Percent High School Grads	82.2	...	...	...	...	78.9	85.4	85.9	82.9	64.6	...
Percent BA/BS or above	13.8	...	...	...	...	7.6	17.6	12.7	15.0	16.0	...
Females	15,222	0	0	0	0	2,635	4,182	4,421	2,843	1,141	46.8
Less than 9th grade	1,176	0	0	0	0	113	200	182	261	419	58.5
9th to 12th grade	1,725	0	0	0	0	271	427	401	410	217	49.1
High school graduate	5,996	0	0	0	0	1,075	1,551	2,002	1,124	244	46.9
Some college	1,784	0	0	0	0	444	495	548	245	52	44.0
AA - academic	837	0	0	0	0	121	297	227	175	17	45.0
AA - occupational	594	0	0	0	0	96	253	165	44	35	42.9
BA	2,718	0	0	0	0	471	759	791	585	113	46.6
MS PhD or Professional degree	393	0	0	0	0	44	201	105	0	43	42.6
Percent High School Grads	80.9	...	...	...	...	85.4	85.0	86.8	76.4	44.2	...
Percent BA/BS or above	20.4	...	...	...	...	19.5	23.0	20.3	20.6	13.7	...

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 24. Mother's birth state, Father's Birthplace by Age, CNMI: 2016

Parental Birthplace	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Mother's birth state											
Total	53,890	3,792	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	33.5
Saipan	14,678	1,910	3,143	1,436	1,170	1,683	1,630	1,631	1,368	707	23.6
Tinian	621	77	151	33	26	134	109	16	34	42	26.8
Rota	1,178	81	144	53	45	168	185	283	166	53	40.3
N. Islands	480	0	0	0	17	105	95	140	52	70	46.6
Guam	1,198	105	470	150	87	123	105	44	61	52	15.8
U.S.	636	70	87	35	52	97	17	157	70	51	32.6
FSM	3,750	122	839	542	402	419	515	554	261	95	24.6
Palau	1,730	0	236	210	157	114	263	358	227	165	40.6
China	2,770	262	592	227	52	367	785	338	78	70	31.9
Korea	724	35	105	52	17	26	122	140	105	122	45.3
Philippines	23,880	992	4,231	2,060	1,194	1,697	3,593	5,632	3,470	1,011	39.9
Elsewhere	2,245	138	434	131	120	320	467	331	200	105	34.4
Father's Birthplace											
Total	53,890	3,792	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	33.5
Saipan	14,610	1,702	3,051	1,644	1,467	1,849	1,558	1,648	1,073	619	23.1
Tinian	554	43	117	41	69	92	92	35	42	24	25.8
Rota	1,466	54	231	98	97	167	266	256	209	88	38.2
N. Islands	497	0	0	17	0	86	87	184	105	17	48.1
Guam	1,262	139	396	139	87	105	79	79	131	105	18.4
U.S.	818	87	165	35	35	105	87	140	87	76	33.2
FSM	3,924	192	996	629	280	454	470	485	304	113	22.6
Palau	1,683	17	322	140	192	96	201	340	217	157	38.7
China	2,545	210	453	175	52	367	785	338	95	70	35.2
Korea	690	9	105	52	17	17	105	140	105	140	47.8
Philippines	23,554	1,053	4,231	1,950	924	1,558	3,672	5,650	3,505	1,011	40.6
Elsewhere	2,287	286	363	8	120	355	485	331	218	122	35.2

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 25. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Age, CNMI: 2016

	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	50,098	0	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	36.4
Same house in 2011	28,315	0	5,065	3,092	1,911	1,962	4,055	6,203	4,103	1,924	40.2
Elsewhere in 2011	21,783	0	5,367	1,836	1,429	3,289	3,833	3,421	1,989	620	31.9
Males	25,736	0	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	36.9
Same house in 2011	14,466	0	2,604	1,514	995	986	1,788	3,313	2,212	1,053	41.3
Elsewhere in 2011	11,270	0	2,880	931	635	1,631	1,917	1,890	1,037	349	32.3
Females	24,362	0	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	36.0
Same house in 2011	13,849	0	2,460	1,578	916	976	2,266	2,890	1,891	870	39.4
Elsewhere in 2011	10,514	0	2,487	905	794	1,659	1,916	1,531	952	271	31.5

RESIDENCE IN 2011

Total	50,098	0	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	36.4
Saipan	39,192	0	7,893	3,947	2,664	3,230	5,878	7,981	5,363	2,235	38.2
Tinian	3,313	0	1,148	299	100	230	545	590	287	114	29.7
Rota	2,183	0	439	170	98	152	412	573	240	98	40.6
Guam	503	0	207	16	17	158	17	35	35	17	25.7
U.S.	858	0	171	43	70	401	69	78	17	9	28.6
FSM	245	0	105	0	17	87	35	0	0	0	25.0
Palau	0	0	0	0	0	0	0	0	0	0	0.0
China	594	0	52	87	35	192	157	35	0	35	31.4
Korea	52	0	0	17	0	0	17	17	0	0	40.0
Philippines	2,500	0	277	339	253	637	671	227	79	17	31.0
Elsewhere	659	0	139	8	86	164	87	87	70	17	30.9
Males	25,736	0	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	36.9
Saipan	19,944	0	4,023	1,982	1,258	1,554	2,664	4,341	2,865	1,257	39.3
Tinian	1,811	0	685	176	58	91	304	268	172	57	23.8
Rota	1,109	0	224	45	54	81	179	349	133	44	43.5
Guam	312	0	147	8	0	79	9	35	35	0	25.2
U.S.	432	0	93	8	52	191	26	35	17	9	28.3
FSM	157	0	87	0	0	70	0	0	0	0	14.0
Palau	0	0	0	0	0	0	0	0	0	0	0.0
China	210	0	0	35	0	105	52	0	0	17	31.7
Korea	0	0	0	0	0	0	0	0	0	0	0.0
Philippines	1,419	0	137	191	165	349	427	140	9	0	31.2
Elsewhere	341	0	88	0	43	97	44	35	17	17	29.1
Females	24,362	0	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	36.0
Saipan	19,248	0	3,869	1,965	1,407	1,676	3,214	3,641	2,498	978	37.2
Tinian	1,502	0	463	123	42	139	241	322	115	57	33.8
Rota	1,074	0	215	125	44	72	233	223	107	54	38.5
Guam	190	0	61	8	17	79	8	0	0	17	26.2
U.S.	427	0	78	35	17	210	43	43	0	0	28.9
FSM	87	0	17	0	17	17	35	0	0	0	30.0
Palau	0	0	0	0	0	0	0	0	0	0	0.0
China	384	0	52	52	35	87	105	35	0	17	31.0
Korea	52	0	0	17	0	0	17	17	0	0	40.0
Philippines	1,080	0	140	148	87	288	243	87	70	17	30.7
Elsewhere	317	0	51	8	43	67	43	52	52	0	33.4

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 26. Sex and Speak English at home, Sex and Language spoken at home, Sex and Frequency of language by Age, CNMI: 2016

	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	50,098	0	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	36.4
Speak English Only	12,511	0	5,962	2,157	1,109	1,219	601	662	559	242	15.7
Speak Other Language	37,587	0	4,470	2,771	2,232	4,033	7,287	8,962	5,533	2,301	42.3
Males	25,736	0	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	36.9
Speak English Only	6,278	0	3,203	948	542	610	234	349	236	156	14.8
Speak Other Language	19,458	0	2,281	1,498	1,089	2,007	3,471	4,854	3,013	1,246	43.2
Females	24,362	0	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	36.0
Speak English Only	6,233	0	2,759	1,210	567	609	367	312	323	86	16.5
Speak Other Language	18,129	0	2,189	1,273	1,143	2,026	3,815	4,108	2,520	1,055	41.4
Total, all languages	50,098	0	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	36.4
English only	12,511	0	5,962	2,157	1,109	1,219	601	662	559	242	15.7
Chamorro	9,301	0	712	749	725	1,333	1,669	1,953	1,330	828	41.8
Carolinian	2,497	0	262	340	245	427	349	367	384	122	34.4
FSM language	1,991	0	454	210	254	245	349	332	130	17	28.2
Palauan	796	0	70	105	70	26	96	227	96	105	46.3
Chinese	2,135	0	401	175	35	349	733	277	95	70	36.5
Korean	734	0	140	52	17	17	140	140	105	122	45.0
Filipino	18,174	0	2,126	1,062	749	1,333	3,447	5,283	3,208	967	45.7
Other language	1,960	0	305	78	137	302	502	383	183	70	38.1
Males	25,736	0	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	36.9
English only	6,278	0	3,203	948	542	610	234	349	236	156	14.8
Chamorro	4,974	0	302	436	359	750	852	1,144	739	392	42.5
Carolinian	1,109	0	140	148	122	140	140	192	192	35	35.3
FSM language	934	0	262	70	105	122	175	174	26	0	27.5
Palauan	419	0	52	52	52	17	35	157	17	35	45.0
Chinese	940	0	165	70	0	175	296	112	70	52	37.0
Korean	367	0	87	35	0	0	35	70	52	87	48.7
Filipino	9,621	0	1,106	652	382	637	1,653	2,726	1,873	592	46.4
Other language	1,095	0	166	35	69	165	286	278	43	52	38.9
Females	24,362	0	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	36.0
English only	6,233	0	2,759	1,210	567	609	367	312	323	86	16.5
Chamorro	4,327	0	410	313	366	582	817	810	592	436	41.0
Carolinian	1,388	0	122	192	122	288	210	175	192	87	33.9
FSM language	1,057	0	192	140	149	122	175	157	105	17	28.9
Palauan	376	0	17	52	17	9	61	70	79	70	49.4
Chinese	1,195	0	235	105	35	175	437	165	26	17	36.1
Korean	367	0	52	17	17	17	105	70	52	35	42.5
Filipino	8,553	0	1,021	410	367	696	1,794	2,556	1,335	375	44.9
Other language	865	0	139	43	69	137	217	105	140	17	37.1
Total, frequency	50,098	0	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	36.4
Yes, more frequently than English	23,885	0	2,070	1,383	1,028	2,347	5,087	6,352	3,917	1,700	45.0
Both equally often	9,544	0	1,393	924	741	1,073	1,658	2,053	1,222	479	38.9
No less frequently than English	3,975	0	990	463	463	604	471	522	375	87	26.2
Doesn't speak English	183	0	17	0	0	8	70	35	17	35	44.4
Speaks English only	12,511	0	5,962	2,157	1,109	1,219	601	662	559	242	15.7
Males	25,736	0	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	36.9
Yes, more frequently than English	12,783	0	1,095	652	593	1,202	2,572	3,440	2,280	950	45.8
Both equally often	4,657	0	653	575	296	558	611	1,127	576	262	39.0
No less frequently than English	1,948	0	516	271	200	246	270	270	157	17	24.7
Doesn't speak English	70	0	17	0	0	0	17	17	0	17	45.0
Speaks English only	6,278	0	3,203	948	542	610	234	349	236	156	14.8
Females	24,362	0	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	36.0
Yes, more frequently than English	11,102	0	975	731	436	1,145	2,515	2,913	1,638	751	44.0
Both equally often	4,887	0	740	349	445	515	1,047	926	646	218	38.8
No less frequently than English	2,027	0	474	193	263	358	201	252	218	70	27.4
Doesn't speak English	113	0	0	0	0	8	52	17	17	17	44.2
Speaks English only	6,233	0	2,759	1,210	567	609	367	312	323	86	16.5

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 27. Sex and Tobacco, Sex and Chew Tobacco or betel nut by Age, CNMI: 2016

Tobacco use	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total, using tobacco	50,098	0	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	36.4
No days	41,327	0	10,414	4,728	2,775	3,814	5,930	6,869	4,717	2,080	32.2
1 to 7 days	462	0	17	17	61	52	95	157	61	0	43.6
8 to 14 days	409	0	0	35	34	70	96	105	35	35	41.9
15 to 28 days	591	0	0	52	87	166	70	191	26	0	34.4
29 or 30 days	7,308	0	0	95	384	1,149	1,698	2,302	1,253	428	46.4
Males	25,736	0	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	36.9
No days	19,420	0	5,467	2,333	1,265	1,579	2,348	3,128	2,274	1,026	29.1
1 to 7 days	297	0	17	0	9	35	78	114	44	0	45.8
8 to 14 days	296	0	0	17	26	44	69	105	17	17	43.8
15 to 28 days	409	0	0	17	70	148	52	103	17	0	32.9
29 or 30 days	5,313	0	0	78	261	811	1,158	1,753	896	358	47.0
Females	24,362	0	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	36.0
No days	21,907	0	4,947	2,395	1,509	2,236	3,581	3,741	2,442	1,054	34.4
1 to 7 days	165	0	0	17	52	17	17	43	17	0	32.3
8 to 14 days	113	0	0	17	8	26	26	0	17	17	36.8
15 to 28 days	182	0	0	35	17	17	17	87	8	0	45.5
29 or 30 days	1,994	0	0	17	123	338	540	549	357	70	44.6
Total, chewing	50,098	0	10,432	4,928	3,341	5,252	7,888	9,623	6,091	2,543	36.4
No days	42,521	0	10,344	4,247	2,239	3,463	6,354	8,253	5,366	2,255	36.5
1 to 7 days	357	0	35	52	61	17	25	131	35	0	39.9
8 to 14 days	305	0	0	17	17	78	113	61	0	17	38.5
15 to 28 days	543	0	0	87	131	61	105	87	17	52	33.6
29 or 30 days	6,373	0	52	524	892	1,632	1,290	1,092	673	219	35.7
Males	25,736	0	5,484	2,446	1,631	2,617	3,706	5,203	3,249	1,402	36.9
No days	21,363	0	5,414	2,001	939	1,647	2,845	4,435	2,855	1,227	37.4
1 to 7 days	183	0	17	17	44	0	8	78	17	0	45.6
8 to 14 days	174	0	0	17	17	35	70	17	0	17	37.5
15 to 28 days	315	0	0	87	79	17	61	17	17	35	24.4
29 or 30 days	3,701	0	52	323	551	917	722	655	358	122	35.1
Females	24,362	0	4,947	2,482	1,710	2,635	4,182	4,421	2,843	1,141	36.0
No days	21,158	0	4,930	2,246	1,299	1,816	3,510	3,818	2,511	1,028	35.8
1 to 7 days	174	0	17	35	17	17	17	52	17	0	34.9
8 to 14 days	131	0	0	0	0	43	44	44	0	0	40.1
15 to 28 days	228	0	0	0	52	44	44	70	0	17	39.0
29 or 30 days	2,672	0	0	201	341	715	568	436	314	96	36.4

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 28. Any active duty, Sex and Work last week, Sex and Hours of work last week by Age, CNMI: 2016

Military and Work last week	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Any active duty											
Total	38,692	0	0	3,954	3,341	5,252	7,888	9,623	6,091	2,543	43.6
Active duty now	61	0	0	0	26	0	0	17	17	0	47.4
Previous active duty	584	0	0	0	26	104	52	166	175	60	51.6
Reserves or National Guard	226	0	0	0	26	122	43	17	17	0	32.1
No	37,822	0	0	3,954	3,263	5,025	7,792	9,422	5,881	2,483	43.6
Total, work last week											
Yes, paid and no subsistence	21,359	0	0	695	2,130	3,156	5,139	6,211	3,425	602	44.1
Yes, paid and subsistence	942	0	0	52	52	175	173	297	175	17	45.6
Yes, Subsistence only	149	0	0	35	17	0	17	35	44	0	46.3
No	16,243	0	0	3,171	1,141	1,921	2,558	3,080	2,448	1,924	42.4
Males											
Yes, paid and no subsistence	12,844	0	0	417	1,265	1,919	2,864	3,775	2,126	479	44.9
Yes, paid and subsistence	523	0	0	17	17	87	86	175	122	17	48.0
Yes, Subsistence only	96	0	0	17	0	0	0	35	44	0	53.8
No	6,276	0	0	1,482	348	611	756	1,218	957	905	44.2
Females											
Yes, paid and no subsistence	8,515	0	0	278	865	1,237	2,276	2,436	1,299	123	43.2
Yes, paid and subsistence	419	0	0	35	35	87	87	122	52	0	41.0
Yes, Subsistence only	52	0	0	17	17	0	17	0	0	0	22.5
No	9,967	0	0	1,690	793	1,310	1,802	1,862	1,491	1,019	41.6
Total, hours worked											
1 to 14 hours	208	0	0	43	0	17	35	78	35	0	46.1
14 to 34 hours	2,417	0	0	339	315	280	479	549	359	97	40.7
35 to 44 hours	18,748	0	0	348	1,780	2,937	4,553	5,584	3,057	488	44.5
More than 45 hours	928	0	0	17	87	96	246	298	149	35	45.6
Males											
1 to 14 hours	121	0	0	43	0	0	17	43	17	0	45.0
14 to 34 hours	1,021	0	0	191	131	114	218	165	158	44	38.4
35 to 44 hours	11,691	0	0	200	1,116	1,840	2,566	3,566	1,968	435	45.3
More than 45 hours	534	0	0	0	35	52	149	176	105	17	46.8
Females											
1 to 14 hours	87	0	0	0	0	17	17	35	17	0	47.5
14 to 34 hours	1,396	0	0	148	184	166	261	384	201	53	42.7
35 to 44 hours	7,056	0	0	148	664	1,098	1,988	2,018	1,089	52	43.1
More than 45 hours	394	0	0	17	52	44	97	122	44	17	43.6

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 29. Layoff / vacation, Look for work, Take job if available, Year when last worked, Sex and Class of worker by Age, CNMI: 2016

Unemployment & Class	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Layoff / vacation											
Total	16,392	0	0	3,206	1,158	1,921	2,575	3,115	2,492	1,924	42.4
Yes, on layoff	95	0	0	17	0	0	43	17	0	17	42.0
Yes, vacation	882	0	0	35	17	105	288	192	157	87	44.9
No	15,414	0	0	3,154	1,141	1,816	2,244	2,905	2,334	1,819	42.1
Look for work											
Total	16,392	0	0	3,206	1,158	1,921	2,575	3,115	2,492	1,924	42.4
Yes	3,230	0	0	312	471	627	758	827	165	70	37.7
No	13,162	0	0	2,894	687	1,295	1,817	2,288	2,326	1,854	44.4
Take job if available											
Total	3,230	0	0	312	471	627	758	827	165	70	37.7
No	379	0	0	35	35	44	106	106	26	26	42.1
Yes	2,851	0	0	277	436	582	652	721	139	43	37.0
Year when last worked											
Total	16,392	0	0	3,206	1,158	1,921	2,575	3,115	2,492	1,924	42.4
2016	1,901	0	0	70	200	288	469	625	207	42	43.4
2015	1,088	0	0	122	95	207	222	267	114	61	40.4
2013-2014	940	0	0	26	35	217	305	200	123	35	41.3
2010-2012	1,221	0	0	35	43	114	210	393	244	183	50.3
2000-2009	2,597	0	0	17	17	199	541	645	698	479	53.1
Before 2000	1,335	0	0	70	0	0	87	315	358	506	60.5
Never Worked	7,309	0	0	2,867	767	897	740	672	749	618	25.2
CLASS OF WORKER											
Total											
Total	22,301	0	0	748	2,182	3,331	5,313	6,508	3,600	619	44.2
Private company	18,105	0	0	713	1,816	2,519	4,149	5,307	3,069	532	44.7
CNMI government	3,733	0	0	35	349	733	1,076	1,054	443	43	42.0
US/other government	254	0	0	0	17	70	9	96	52	9	48.2
Self-employed/working without pay	209	0	0	0	0	8	78	52	35	35	48.4
Males											
Total	13,367	0	0	434	1,282	2,006	2,950	3,950	2,248	497	45.0
Private company	11,164	0	0	417	1,108	1,526	2,483	3,172	2,005	453	45.2
CNMI government	1,880	0	0	17	175	428	406	638	208	8	42.9
US/other government	158	0	0	0	0	44	9	88	17	0	48.0
Self-employed/working without pay	165	0	0	0	0	8	52	52	17	35	49.3
Females											
Total	8,934	0	0	313	900	1,325	2,363	2,558	1,351	123	43.2
Private company	6,942	0	0	296	708	993	1,667	2,134	1,064	79	43.8
CNMI government	1,852	0	0	17	174	305	670	416	235	35	41.4
US/other government	96	0	0	0	17	26	0	8	35	9	50.0
Self-employed/working without pay	44	0	0	0	0	0	26	0	17	0	43.3

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 30. Sex and Paid work last year, Sex and Weeks of work last year, Sex and Usual hours of work last year by Age, CNMI: 2016

	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	38,692	0	0	3,954	3,341	5,252	7,888	9,623	6,091	2,543	43.6
Paid work in 2015	22,002	0	0	487	1,841	3,093	5,315	6,973	3,641	652	45.4
No paid work in 2015	16,690	0	0	3,467	1,499	2,159	2,573	2,651	2,450	1,891	39.7
Males	19,740	0	0	1,934	1,631	2,617	3,706	5,203	3,249	1,402	45.0
Paid work in 2015	12,945	0	0	313	1,099	1,725	2,860	4,137	2,290	521	46.1
No paid work in 2015	6,794	0	0	1,620	531	891	846	1,066	959	881	39.2
Females	18,953	0	0	2,020	1,710	2,635	4,182	4,421	2,843	1,141	42.4
Paid work in 2015	9,057	0	0	173	742	1,367	2,456	2,836	1,351	131	44.1
No paid work in 2015	9,896	0	0	1,847	968	1,268	1,727	1,585	1,492	1,011	40.0
Total, weeks worked	22,002	0	0	487	1,841	3,093	5,315	6,973	3,641	652	45.4
Less than 13 weeks	1,043	0	0	164	165	278	235	138	44	17	31.9
14 to 26 weeks	912	0	0	70	157	217	154	236	70	9	35.8
27 to 39 weeks	972	0	0	17	53	129	364	295	96	17	42.9
40 to 49 weeks	1,715	0	0	0	70	225	401	653	297	70	47.5
50 to 52 weeks	17,360	0	0	235	1,396	2,244	4,161	5,651	3,134	538	46.1
Males	12,945	0	0	313	1,099	1,725	2,860	4,137	2,290	521	46.1
Less than 13 weeks	634	0	0	113	95	130	165	95	17	17	33.3
14 to 26 weeks	555	0	0	52	70	86	129	166	43	9	40.4
27 to 39 weeks	539	0	0	17	26	70	182	182	44	17	43.5
40 to 49 weeks	1,017	0	0	0	52	112	200	418	192	43	48.5
50 to 52 weeks	10,199	0	0	130	855	1,327	2,182	3,277	1,993	434	46.8
Females	9,057	0	0	173	742	1,367	2,456	2,836	1,351	131	44.1
Less than 13 weeks	408	0	0	51	70	148	70	43	26	0	30.6
14 to 26 weeks	357	0	0	17	87	130	25	70	26	0	30.6
27 to 39 weeks	433	0	0	0	26	59	182	113	52	0	42.2
40 to 49 weeks	697	0	0	0	17	113	200	235	105	26	45.8
50 to 52 weeks	7,162	0	0	105	541	917	1,979	2,375	1,141	104	45.2
Total, usual hours worked	22,002	0	0	487	1,841	3,093	5,315	6,973	3,641	652	45.4
1 to 14 hours	139	0	0	52	0	17	0	8	52	9	34.8
14 to 34 hours	1,938	0	0	155	210	202	357	613	288	113	45.7
35 to 44 hours	19,025	0	0	280	1,561	2,769	4,697	6,107	3,082	529	45.3
More than 45 hours	899	0	0	0	70	104	262	245	219	0	45.6
Males	12,945	0	0	313	1,099	1,725	2,860	4,137	2,290	521	46.1
1 to 14 hours	51	0	0	35	0	0	0	8	8	0	18.7
14 to 34 hours	769	0	0	104	114	61	123	193	105	70	43.6
35 to 44 hours	11,602	0	0	175	968	1,621	2,571	3,813	2,002	451	46.2
More than 45 hours	523	0	0	0	17	43	165	123	175	0	47.9
Females	9,057	0	0	173	742	1,367	2,456	2,836	1,351	131	44.1
1 to 14 hours	88	0	0	17	0	17	0	0	44	9	57.0
14 to 34 hours	1,169	0	0	51	96	140	234	420	184	44	46.5
35 to 44 hours	7,424	0	0	105	594	1,148	2,125	2,294	1,080	78	43.8
More than 45 hours	376	0	0	0	52	61	96	122	44	0	42.7

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 31. Sex and Total income by Age, CNMI: 2016

Total income	Total	< 5	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Median
Total	38,997	0	0	4,259	3,341	5,252	7,888	9,623	6,091	2,543	43.4
No income	9,352	0	0	3,606	1,185	1,308	1,256	1,081	576	340	24.5
\$1 to \$4999	2,586	0	0	348	340	408	357	495	385	253	40.5
\$5000 to \$9999	4,121	0	0	130	403	528	835	1,134	768	323	46.4
\$10000 to \$11249	2,108	0	0	17	157	157	722	643	279	131	45.0
\$11250 to \$12499	5,010	0	0	70	462	505	1,382	1,486	818	287	45.6
\$12500 to \$13749	4,182	0	0	70	270	523	959	1,244	1,012	105	47.2
\$13750 to \$14999	5,721	0	0	87	410	870	1,229	1,679	1,228	218	46.6
\$15000 to \$17499	3,234	0	0	17	332	409	821	1,038	478	138	45.4
\$17500 to \$19999	4,872	0	0	17	349	654	1,308	1,569	740	234	45.7
\$20000 to \$24999	2,405	0	0	0	130	358	453	680	514	270	48.8
\$25000 to \$49999	3,848	0	0	0	61	550	798	1,230	783	426	49.2
\$50000 or more	1,081	0	0	0	0	70	270	269	280	192	52.4
Mean (\$)	13,252	0	0	1,216	8,582	12,521	14,022	15,373	16,313	19,293	0.0
Median (\$)	12,500	0	0	1	10,000	12,500	12,500	12,784	12,689	12,729	0.0
Males	19,879	0	0	2,073	1,631	2,617	3,706	5,203	3,249	1,402	44.8
No income	3,644	0	0	1,672	462	595	445	279	78	113	21.6
\$1 to \$4999	1,122	0	0	218	130	166	138	279	131	61	38.4
\$5000 to \$9999	1,803	0	0	61	123	277	313	489	366	175	47.6
\$10000 to \$11249	1,167	0	0	0	122	70	357	304	217	96	46.1
\$11250 to \$12499	2,837	0	0	35	323	226	652	844	540	217	47.2
\$12500 to \$13749	2,764	0	0	70	192	306	610	793	707	87	47.6
\$13750 to \$14999	3,633	0	0	70	280	489	793	1,096	775	130	46.7
\$15000 to \$17499	1,901	0	0	17	192	262	471	549	348	61	45.1
\$17500 to \$19999	2,861	0	0	17	210	411	715	855	497	157	45.9
\$20000 to \$24999	1,421	0	0	0	61	245	226	462	288	140	48.9
\$25000 to \$49999	1,932	0	0	0	43	191	346	716	408	226	50.4
\$50000 or more	627	0	0	0	0	17	78	182	166	183	57.1
Mean (\$)	14,368	0	0	1,713	10,104	12,305	14,320	16,788	17,108	23,151	0.0
Median (\$)	12,500	0	0	1	11,791	12,500	12,678	13,496	13,215	13,914	0.0
Females	19,119	0	0	2,186	1,710	2,635	4,182	4,421	2,843	1,141	42.2
No income	5,709	0	0	1,934	723	714	811	802	498	227	27.8
\$1 to \$4999	1,464	0	0	130	210	242	219	217	254	193	41.9
\$5000 to \$9999	2,318	0	0	70	280	251	522	645	402	148	45.6
\$10000 to \$11249	941	0	0	17	35	87	366	339	61	35	44.0
\$11250 to \$12499	2,174	0	0	35	140	280	730	642	278	70	43.7
\$12500 to \$13749	1,418	0	0	0	78	217	349	452	305	17	46.4
\$13750 to \$14999	2,088	0	0	17	130	381	436	583	453	87	46.4
\$15000 to \$17499	1,334	0	0	0	140	147	350	489	130	78	45.6
\$17500 to \$19999	2,011	0	0	0	140	243	593	715	243	78	45.4
\$20000 to \$24999	984	0	0	0	70	114	227	217	226	130	48.7
\$25000 to \$49999	1,916	0	0	0	17	358	452	513	375	200	47.5
\$50000 or more	454	0	0	0	0	52	192	87	114	9	44.1
Mean (\$)	11,993	0	0	728	6,925	12,749	13,728	13,672	15,237	14,300	0.0
Median (\$)	11,121	0	0	1	5,867	12,221	12,421	12,500	12,500	11,200	0.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 32. Sex and age5 by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
age5									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
less than 5	3,792	1,459	261	314	87	245	1,235	147	43
5 to 9	5,267	1,702	367	314	61	261	2,276	182	104
10 to 14	5,164	1,132	419	594	192	323	2,295	173	35
15 to 19	4,928	1,376	349	629	192	210	1,989	165	17
20 to 24	3,341	1,118	384	402	157	52	1,089	85	52
25 to 29	2,790	1,003	323	157	52	210	845	148	52
30 to 34	2,462	808	280	227	26	157	756	111	96
35 to 39	3,459	999	157	227	26	375	1,482	87	105
40 to 44	4,429	838	192	280	131	410	2,094	337	148
45 to 49	4,737	862	210	332	175	198	2,639	279	43
50 to 54	4,887	959	280	78	140	140	2,976	122	192
55 to 59	3,451	626	192	165	87	26	2,145	140	70
60 to 64	2,640	696	245	35	87	52	1,342	105	78
65 to 74	1,872	618	122	17	148	35	741	140	51
75 and over	671	236	35	17	0	35	270	52	26
Median	33	27	27	21	37	32	40	41	42
Male									
age5									
Total	27,713	7,494	1,912	1,816	698	1,218	12,709	1,251	616
less than 5	1,977	838	165	175	70	122	556	51	0
5 to 9	2,861	840	192	157	44	173	1,299	87	69
10 to 14	2,623	585	227	315	70	95	1,191	122	17
15 to 19	2,446	566	157	297	70	105	1,146	105	0
20 to 24	1,631	516	245	157	70	0	574	51	17
25 to 29	1,379	515	122	105	35	105	410	70	17
30 to 34	1,238	384	140	87	17	87	400	69	53
35 to 39	1,619	556	87	87	26	130	626	35	70
40 to 44	2,087	401	87	122	0	183	1,060	155	78
45 to 49	2,541	566	70	192	105	42	1,332	191	43
50 to 54	2,661	586	105	43	87	70	1,561	87	122
55 to 59	1,995	383	140	61	35	0	1,289	52	35
60 to 64	1,254	365	122	0	8	52	628	35	43
65 to 74	1,080	280	52	17	61	35	479	105	51
75 and over	322	113	0	0	0	17	157	35	0
Median	34	29	24	19	29	31	41	41	44
Female									
age5									
Total	26,177	6,940	1,903	1,975	865	1,509	11,465	1,023	496
less than 5	1,815	621	95	140	17	122	680	96	43
5 to 9	2,406	862	175	157	17	87	977	95	35
10 to 14	2,541	547	192	280	122	227	1,104	51	17
15 to 19	2,482	810	192	332	122	105	843	61	17
20 to 24	1,710	602	140	245	87	52	515	34	35
25 to 29	1,411	488	200	52	17	105	436	78	35
30 to 34	1,224	425	140	140	9	70	356	42	43
35 to 39	1,840	443	70	140	0	245	855	52	35
40 to 44	2,343	437	105	157	131	227	1,034	182	70
45 to 49	2,196	296	140	140	70	156	1,307	87	0
50 to 54	2,225	374	175	35	52	70	1,415	35	70
55 to 59	1,456	243	52	105	52	26	856	87	35
60 to 64	1,386	331	122	35	79	0	714	70	35
65 to 74	793	339	70	0	87	0	262	35	0
75 and over	349	123	35	17	0	17	113	17	26
Median	33	25	29	22	42	34	40	40	38

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 33a. Sex and Marital status, Sex and Birthplace by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Marital status									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
Now married	22,199	4,670	996	925	523	1,350	11,540	1,353	843
Separated	765	104	0	70	35	35	504	17	0
Widowed	1,414	471	210	70	87	0	550	0	26
Divorced	665	280	87	17	0	70	175	35	0
Never married	28,847	8,909	2,523	2,708	918	1,273	11,404	869	243
Male									
Marital status									
Total	27,713	7,494	1,912	1,816	698	1,218	12,709	1,251	616
Now married	11,700	2,637	489	383	243	609	6,158	677	503
Separated	409	61	0	35	17	0	296	0	0
Widowed	400	165	52	0	17	0	165	0	0
Divorced	263	140	0	17	0	17	70	17	0
Never married	14,941	4,491	1,371	1,380	420	592	6,019	556	112
Female									
Marital status									
Total	26,177	6,940	1,903	1,975	865	1,509	11,465	1,023	496
Now married	10,499	2,033	507	542	280	741	5,382	676	340
Separated	356	43	0	35	17	35	208	17	0
Widowed	1,013	306	157	70	70	0	385	0	26
Divorced	403	140	87	0	0	52	105	17	0
Never married	13,906	4,418	1,152	1,328	499	681	5,385	312	130

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 33b. Sex and Marital status, Sex and Birthplace by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Birthplace									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
Saipan	26,909	11,363	3,510	1,982	900	915	7,638	523	77
Tinian	881	515	17	0	0	0	332	8	8
Rota	1,467	1,100	0	0	9	0	340	18	0
N. Islands	175	87	87	0	0	0	0	0	0
Guam	1,143	950	70	105	17	0	0	0	0
U.S.	1,001	295	95	88	9	0	51	17	444
FSM	1,702	61	17	1,615	0	0	0	0	8
Palau	716	35	17	0	628	0	0	0	35
China	1,812	0	0	0	0	1,777	0	35	0
Korea	559	17	0	0	0	0	0	542	0
Philippines	15,812	0	0	0	0	0	15,812	0	0
Elsewhere	1,714	9	0	0	0	35	0	1,131	539
Male									
Birthplace									
Total	27,713	7,494	1,912	1,816	698	1,218	12,709	1,251	616
Saipan	13,760	5,838	1,738	899	419	409	4,110	331	16
Tinian	524	291	17	0	0	0	208	0	8
Rota	805	609	0	0	9	0	188	0	0
N. Islands	105	52	52	0	0	0	0	0	0
Guam	687	513	70	105	0	0	0	0	0
U.S.	513	130	35	53	9	0	34	0	252
FSM	811	44	0	759	0	0	0	0	8
Palau	296	17	0	0	261	0	0	0	17
China	809	0	0	0	0	792	0	17	0
Korea	245	0	0	0	0	0	0	245	0
Philippines	8,169	0	0	0	0	0	8,169	0	0
Elsewhere	989	0	0	0	0	17	0	658	313
Female									
Birthplace									
Total	26,177	6,940	1,903	1,975	865	1,509	11,465	1,023	496
Saipan	13,149	5,525	1,773	1,083	481	507	3,528	192	61
Tinian	357	224	0	0	0	0	124	8	0
Rota	662	492	0	0	0	0	152	18	0
N. Islands	70	35	35	0	0	0	0	0	0
Guam	455	438	0	0	17	0	0	0	0
U.S.	488	165	61	35	0	0	17	17	192
FSM	891	17	17	857	0	0	0	0	0
Palau	420	17	17	0	367	0	0	0	17
China	1,003	0	0	0	0	985	0	17	0
Korea	314	17	0	0	0	0	0	297	0
Philippines	7,643	0	0	0	0	0	7,643	0	0
Elsewhere	725	9	0	0	0	17	0	473	226

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 34. Sex and Citizenship, Year to area, Reason for migration by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Citizenship									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
Born in CNMI	29,606	13,091	3,598	2,000	944	915	8,406	566	85
Born in US or US territory	2,274	1,264	200	315	52	0	51	17	375
Born of US parents	131	26	0	0	0	0	17	0	87
Naturalized area citizen	1,208	17	0	70	17	35	876	175	17
Non-citizen Green card	3,317	35	17	742	297	130	1,801	251	43
Other non-citizen	17,354	0	0	664	253	1,647	13,022	1,264	504
Male									
Citizenship									
Total	27,713	7,494	1,912	1,816	698	1,218	12,709	1,251	616
Born in CNMI	15,265	6,807	1,790	899	428	409	4,576	331	24
Born in US or US territory	1,270	634	122	228	35	0	34	0	218
Born of US parents	35	0	0	0	0	0	0	0	35
Naturalized area citizen	505	17	0	35	17	17	330	70	17
Non-citizen Green card	1,513	35	0	410	157	52	730	121	8
Other non-citizen	9,126	0	0	244	61	739	7,039	729	313
Female									
Citizenship									
Total	26,177	6,940	1,903	1,975	865	1,509	11,465	1,023	496
Born in CNMI	14,341	6,284	1,808	1,101	516	507	3,830	236	61
Born in US or US territory	1,004	630	78	87	17	0	17	17	157
Born of US parents	96	26	0	0	0	0	17	0	52
Naturalized area citizen	703	0	0	35	0	17	546	105	0
Non-citizen Green card	1,804	0	17	332	140	78	1,071	130	35
Other non-citizen	8,228	0	0	420	193	907	5,983	535	191
Year to area									
Total	24,285	1,343	218	1,791	620	1,812	15,768	1,708	1,026
2016	1,962	52	35	105	17	105	1,336	172	140
2015	1,369	35	8	114	35	227	689	68	192
2013-2014	1,491	105	0	122	0	210	656	276	122
2010-2012	591	173	17	70	0	122	113	35	61
2005-2009	2,559	166	52	113	26	288	1,696	95	122
2000-2004	2,960	202	17	149	17	234	2,000	235	104
1990-1999	8,841	156	17	594	192	566	6,657	547	112
1980-1989	3,457	217	52	349	193	61	2,325	192	69
Before 1980	1,055	236	17	175	139	0	296	87	105
Reason for migration									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
Employment	17,010	44	35	348	200	1,340	13,647	928	467
Spouse of employed	1,138	60	0	70	35	70	514	293	96
Dependent of employed	1,953	320	0	227	70	157	771	197	210
Family subsistence	1,796	427	61	542	122	87	409	79	70
Family business	698	35	0	306	78	70	140	52	17
Missionary activities	8	0	0	0	0	0	8	0	0
Medical reasons	0	0	0	0	0	0	0	0	0
Visiting or vacation	873	35	17	228	87	52	227	105	122
Other reason	808	422	105	70	27	35	52	52	44
Born in the CNMI	29,606	13,091	3,598	2,000	944	915	8,406	566	85

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 35. Mother's birth state, Father's Birthplace by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Mother's birth state									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
Saipan	14,678	10,070	3,344	454	175	17	566	35	17
Tinian	621	508	0	0	0	0	113	0	0
Rota	1,178	1,160	0	0	0	0	0	0	17
N. Islands	480	270	210	0	0	0	0	0	0
Guam	1,198	1,119	70	0	0	0	9	0	0
U.S.	636	210	52	0	0	0	0	0	374
FSM	3,750	345	87	3,301	0	0	0	0	16
Palau	1,730	288	0	0	1,389	0	0	0	52
China	2,770	0	0	0	0	2,692	8	70	0
Korea	724	17	35	0	0	0	0	672	0
Philippines	23,880	349	17	17	0	0	23,478	17	0
Elsewhere	2,245	97	0	17	0	17	0	1,480	633
Father's Birthplace									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
Saipan	14,610	9,697	2,794	672	314	70	853	210	0
Tinian	554	438	0	0	0	0	108	8	0
Rota	1,466	1,343	0	35	9	0	70	0	9
N. Islands	497	305	192	0	0	0	0	0	0
Guam	1,262	967	105	87	0	35	67	0	0
U.S.	818	218	17	35	26	0	157	0	365
FSM	3,924	476	419	2,839	105	0	34	35	16
Palau	1,683	181	175	52	1,092	8	87	35	52
China	2,545	0	0	0	0	2,510	17	17	0
Korea	690	26	0	0	0	0	0	664	0
Philippines	23,554	531	95	17	17	87	22,648	140	17
Elsewhere	2,287	252	17	52	0	17	132	1,165	651

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 36. Sex and School attendance, Sex and Educational attainment by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
School attendance									
Total	53,873	14,434	3,815	3,790	1,564	2,727	24,157	2,274	1,111
No has not attended	38,778	10,404	2,750	2,305	1,153	1,898	17,553	1,795	920
Yes, public school or college	14,089	3,898	996	1,450	402	602	6,176	391	173
Yes, private school or college	1,006	132	70	35	9	227	428	87	17
Male									
School attendance									
Total	27,713	7,494	1,912	1,816	698	1,218	12,709	1,251	616
No has not attended	20,164	5,554	1,388	1,151	549	861	9,160	971	530
Yes, public school or college	7,086	1,852	507	629	140	288	3,358	227	86
Yes, private school or college	463	88	17	35	9	70	191	52	0
Female									
School attendance									
Total	26,160	6,940	1,903	1,975	865	1,509	11,448	1,023	496
No has not attended	18,614	4,850	1,361	1,153	603	1,038	8,393	824	391
Yes, public school or college	7,003	2,047	489	821	262	314	2,818	164	87
Yes, private school or college	543	44	52	0	0	157	237	35	17
Sex									
Total									
Educational attainment									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
None or pre-primary	5,723	2,154	313	419	140	366	2,020	207	104
1st to 8th grade	10,645	2,715	1,101	1,057	254	637	4,388	398	95
9th to 12th grade	8,059	3,057	734	1,048	349	314	2,294	202	61
High school graduate	15,023	4,057	1,031	899	463	1,078	6,369	761	364
Some college	5,166	1,344	288	227	140	227	2,662	165	113
AA - academic	2,636	183	70	17	52	35	2,034	227	17
AA - occupational	1,177	246	140	35	70	17	618	26	26
BA	4,747	470	87	70	96	35	3,588	210	191
MS PhD or Professional degree	714	209	52	17	0	17	200	78	139
Male									
Educational attainment									
Total	27,713	7,494	1,912	1,816	698	1,218	12,709	1,251	616
None or pre-primary	2,993	1,107	183	227	87	208	1,051	86	43
1st to 8th grade	5,540	1,452	577	515	114	253	2,360	226	43
9th to 12th grade	4,114	1,378	402	629	175	122	1,243	140	26
High school graduate	7,868	2,361	559	322	227	512	3,227	416	243
Some college	2,789	647	87	35	17	52	1,759	113	78
AA - academic	1,625	122	17	17	35	17	1,275	122	17
AA - occupational	488	96	52	35	8	17	253	0	26
BA	1,993	235	17	35	35	17	1,480	87	86
MS PhD or Professional degree	304	95	17	0	0	17	61	61	52
Female									
Educational attainment									
Total	26,177	6,940	1,903	1,975	865	1,509	11,465	1,023	496
None or pre-primary	2,730	1,047	130	192	52	157	969	122	61
1st to 8th grade	5,105	1,263	524	542	140	384	2,028	172	52
9th to 12th grade	3,945	1,679	332	419	175	192	1,052	61	35
High school graduate	7,155	1,696	472	577	236	566	3,142	345	121
Some college	2,378	697	200	192	122	175	904	52	35
AA - academic	1,011	61	52	0	17	17	759	105	0
AA - occupational	689	150	87	0	61	0	365	26	0
BA	2,753	234	70	35	61	17	2,108	122	105
MS PhD or Professional degree	410	114	35	17	0	0	140	17	87

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 37. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Lived here 5 years ago									
Total	50,098	12,975	3,555	3,476	1,476	2,483	22,939	2,127	1,068
Yes, this house	28,315	8,728	2,638	2,045	856	958	11,694	1,157	238
No elsewhere	21,783	4,246	917	1,431	621	1,524	11,245	970	830
Male									
Lived here 5 years ago									
Total	25,736	6,655	1,747	1,641	628	1,096	12,153	1,200	616
Yes, this house	14,466	4,498	1,310	970	323	487	6,049	694	135
No elsewhere	11,270	2,157	437	671	306	609	6,104	505	481
Female									
Lived here 5 years ago									
Total	24,362	6,320	1,808	1,835	848	1,387	10,786	927	453
Yes, this house	13,849	4,231	1,328	1,075	533	472	5,645	462	104
No elsewhere	10,514	2,089	480	760	315	915	5,141	465	349
Sex									
Total									
Residence 5 years ago									
Total	50,098	12,975	3,555	3,476	1,476	2,483	22,939	2,127	1,068
Saipan	39,192	9,849	3,380	3,048	1,397	1,649	17,860	1,537	472
Tinian	3,313	1,098	70	34	26	205	1,600	139	142
Rota	2,183	1,217	0	36	36	0	841	54	0
N. Islands	0	0	0	0	0	0	0	0	0
Guam	503	424	17	26	0	17	17	0	0
U.S.	858	387	87	87	17	17	69	35	158
FSM	245	0	0	245	0	0	0	0	0
Palau	0	0	0	0	0	0	0	0	0
China	594	0	0	0	0	594	0	0	0
Korea	52	0	0	0	0	0	0	52	0
Philippines	2,500	0	0	0	0	0	2,500	0	0
Elsewhere	659	0	0	0	0	0	53	309	297
Male									
Residence 5 years ago									
Total	25,736	6,655	1,747	1,641	628	1,096	12,153	1,200	616
Saipan	19,944	5,028	1,677	1,371	594	750	9,371	856	297
Tinian	1,811	562	17	34	8	119	856	106	108
Rota	1,109	618	0	27	9	0	411	45	0
N. Islands	0	0	0	0	0	0	0	0	0
Guam	312	243	17	17	0	17	17	0	0
U.S.	432	204	35	35	17	0	26	17	97
FSM	157	0	0	157	0	0	0	0	0
Palau	0	0	0	0	0	0	0	0	0
China	210	0	0	0	0	210	0	0	0
Korea	0	0	0	0	0	0	0	0	0
Philippines	1,419	0	0	0	0	0	1,419	0	0
Elsewhere	341	0	0	0	0	0	53	175	114
Female									
Residence 5 years ago									
Total	24,362	6,320	1,808	1,835	848	1,387	10,786	927	453
Saipan	19,248	4,821	1,703	1,677	804	899	8,488	681	175
Tinian	1,502	536	52	0	17	86	744	33	34
Rota	1,074	599	0	9	27	0	430	9	0
N. Islands	0	0	0	0	0	0	0	0	0
Guam	190	181	0	9	0	0	0	0	0
U.S.	427	182	52	52	0	17	43	17	61
FSM	87	0	0	87	0	0	0	0	0
Palau	0	0	0	0	0	0	0	0	0
China	384	0	0	0	0	384	0	0	0
Korea	52	0	0	0	0	0	0	52	0
Philippines	1,080	0	0	0	0	0	1,080	0	0
Elsewhere	317	0	0	0	0	0	0	135	183

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 38. Sex and Speak English at home, Language (non-English) spoken at home, Frequency by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Speak English at home									
Total	50,098	12,975	3,555	3,476	1,476	2,483	22,939	2,127	1,068
Yes	12,511	4,527	891	1,101	576	251	4,487	217	460
No	37,587	8,448	2,664	2,375	900	2,231	18,452	1,909	608
Male									
Speak English at home									
Total	25,736	6,655	1,747	1,641	628	1,096	12,153	1,200	616
Yes	6,278	2,150	507	550	192	121	2,332	139	286
No	19,458	4,505	1,240	1,091	436	975	9,821	1,060	329
Female									
Speak English at home									
Total	24,362	6,320	1,808	1,835	848	1,387	10,786	927	453
Yes	6,233	2,377	384	551	384	130	2,155	78	174
No	18,129	3,943	1,423	1,284	464	1,257	8,631	849	278
Language (non-English) spoken at home									
Total	50,098	12,975	3,555	3,476	1,476	2,483	22,939	2,127	1,068
English only	12,511	4,527	891	1,101	576	251	4,487	217	460
Chamorro	9,301	8,248	559	61	157	0	243	8	26
Carolinian	2,497	95	2,035	349	0	0	17	0	0
FSM language	1,991	0	52	1,913	0	0	17	0	8
Palauan	796	35	17	17	726	0	0	0	0
Other Pacific Islands	35	0	0	0	0	0	0	0	35
Chinese	2,135	0	0	0	0	2,109	8	17	0
Korean	734	0	0	0	0	52	0	681	0
Filipino	18,174	35	0	17	0	0	18,122	0	0
Other language	1,925	35	0	17	17	70	44	1,203	539
Frequency of language other than English									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
Yes, more frequently than English	23,885	3,335	1,179	1,641	428	1,725	13,695	1,440	442
Both equally often	9,544	3,659	1,136	437	332	262	3,231	400	87
No less frequently than English	3,975	1,445	349	297	140	105	1,526	52	61
Doesn't speak English	183	8	0	0	0	140	0	17	17
NA	16,303	5,986	1,152	1,415	663	496	5,723	365	504

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 39. Sex and Tobacco, Sex and Chew Tobacco or betel nut by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Tobacco									
Total	50,098	12,975	3,555	3,476	1,476	2,483	22,939	2,127	1,068
No days	41,327	9,655	2,908	2,918	1,337	2,126	19,813	1,770	799
1 to 7 days	462	43	35	35	17	35	237	17	43
8 to 14 days	409	184	17	70	0	0	130	8	0
15 to 28 days	591	243	35	78	0	0	192	44	0
29 or 30 days	7,308	2,850	559	375	122	321	2,567	287	226
Male									
Tobacco									
Total	25,736	6,655	1,747	1,641	628	1,096	12,153	1,200	616
No days	19,420	4,702	1,310	1,258	541	792	9,523	878	416
1 to 7 days	297	17	0	17	0	17	184	17	43
8 to 14 days	296	105	17	52	0	0	113	8	0
15 to 28 days	409	182	0	26	0	0	174	26	0
29 or 30 days	5,313	1,648	419	288	87	286	2,159	270	156
Female									
Tobacco									
Total	24,362	6,320	1,808	1,835	848	1,387	10,786	927	453
No days	21,907	4,954	1,598	1,660	796	1,335	10,290	892	383
1 to 7 days	165	26	35	17	17	17	52	0	0
8 to 14 days	113	78	0	17	0	0	17	0	0
15 to 28 days	182	60	35	52	0	0	17	17	0
29 or 30 days	1,994	1,202	140	87	35	35	408	17	70
Sex									
Total									
Chew Tobacco or betel nut									
Total	50,098	12,975	3,555	3,476	1,476	2,483	22,939	2,127	1,068
No days	42,521	9,501	1,747	2,183	978	2,483	22,546	2,058	1,025
1 to 7 days	357	131	70	52	17	0	61	26	0
8 to 14 days	305	157	70	17	0	0	52	8	0
15 to 28 days	543	403	52	70	0	0	0	0	17
29 or 30 days	6,373	2,784	1,615	1,153	481	0	279	35	26
Male									
Chew Tobacco or betel nut									
Total	25,736	6,655	1,747	1,641	628	1,096	12,153	1,200	616
No days	21,363	4,456	786	933	419	1,096	11,953	1,131	590
1 to 7 days	183	61	17	17	17	0	44	26	0
8 to 14 days	174	96	52	17	0	0	0	8	0
15 to 28 days	315	228	17	70	0	0	0	0	0
29 or 30 days	3,701	1,815	874	603	192	0	157	35	26
Female									
Chew Tobacco or betel nut									
Total	24,362	6,320	1,808	1,835	848	1,387	10,786	927	453
No days	21,158	5,045	961	1,249	560	1,387	10,593	927	435
1 to 7 days	174	70	52	35	0	0	17	0	0
8 to 14 days	131	61	17	0	0	0	52	0	0
15 to 28 days	228	175	35	0	0	0	0	0	17
29 or 30 days	2,672	969	742	551	288	0	122	0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 40. Sex and Work last week, Sex and Hours of work last week by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Work last week									
Total	38,997	10,010	2,716	2,427	1,188	1,882	18,091	1,753	930
Yes, paid and no subsistence	21,359	4,068	1,153	987	621	1,168	11,789	1,000	573
Yes, paid and subsistence	942	305	87	17	17	17	410	35	52
Yes, Subsistence only	149	26	0	0	0	0	105	0	17
No	16,548	5,610	1,476	1,423	550	696	5,788	718	287
Male									
Work last week									
Total	19,879	5,153	1,293	1,116	479	809	9,525	973	530
Yes, paid and no subsistence	12,844	2,606	577	524	297	601	7,181	695	364
Yes, paid and subsistence	523	148	52	17	0	0	253	17	35
Yes, Subsistence only	96	26	0	0	0	0	52	0	17
No	6,415	2,373	664	575	183	208	2,039	260	113
Female									
Work last week									
Total	19,119	4,857	1,423	1,311	708	1,073	8,566	781	400
Yes, paid and no subsistence	8,515	1,462	577	463	324	567	4,607	305	209
Yes, paid and subsistence	419	157	35	0	17	17	157	17	17
Yes, Subsistence only	52	0	0	0	0	0	52	0	0
No	10,132	3,238	812	848	367	488	3,749	458	173
Sex									
Total									
Hours of work last week									
Total	22,301	4,373	1,240	1,004	638	1,186	12,199	1,035	626
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	208	43	17	17	0	17	113	0	0
14 to 34 hours	2,417	332	157	140	96	122	1,368	167	35
35 to 44 hours	18,748	3,815	1,031	838	445	1,011	10,280	816	512
More than 45 hours	928	184	35	9	96	35	438	52	79
Male									
Hours of work last week									
Total	13,367	2,754	629	541	297	601	7,434	712	399
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	121	43	0	0	0	0	78	0	0
14 to 34 hours	1,021	122	70	35	35	35	575	132	17
35 to 44 hours	11,691	2,475	542	497	227	531	6,562	546	312
More than 45 hours	534	113	17	9	35	35	219	35	70
Female									
Hours of work last week									
Total	8,934	1,619	611	463	341	585	4,764	323	227
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	87	0	17	17	0	17	35	0	0
14 to 34 hours	1,396	209	87	105	61	87	793	35	17
35 to 44 hours	7,056	1,340	489	341	219	480	3,718	270	200
More than 45 hours	394	70	17	0	61	0	219	17	9

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 41a. Sex and Layoff / vacation, Look for work, Sex and Take job if available, Year when last worked by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Layoff / vacation									
Total	16,392	5,540	1,458	1,405	550	679	5,754	701	304
Yes, on layoff	95	70	0	0	0	0	26	0	0
Yes, vacation	882	192	70	52	70	43	402	52	0
No	15,414	5,278	1,388	1,353	480	636	5,327	649	304
Male									
Layoff / vacation									
Total	6,373	2,355	646	575	183	208	2,013	260	131
Yes, on layoff	78	52	0	0	0	0	26	0	0
Yes, vacation	305	70	17	17	0	8	157	35	0
No	5,989	2,233	629	558	183	200	1,831	226	131
Female									
Layoff / vacation									
Total	10,019	3,185	812	830	367	470	3,741	440	173
Yes, on layoff	17	17	0	0	0	0	0	0	0
Yes, vacation	577	122	52	35	70	35	245	17	0
No	9,425	3,045	759	795	297	436	3,497	423	173
Sex									
Total									
Look for work									
Total	16,696	5,637	1,476	1,423	550	696	5,893	718	304
Yes	3,247	958	392	349	35	105	1,268	70	70
No	13,449	4,679	1,083	1,074	515	592	4,625	649	234
Male									
Look for work									
Total	6,512	2,399	664	575	183	208	2,091	260	131
Yes	1,482	447	210	183	35	17	486	52	53
No	5,029	1,953	454	392	148	191	1,605	208	78
Female									
Look for work									
Total	10,185	3,238	812	848	367	488	3,802	458	173
Yes	1,765	511	183	166	0	87	782	17	17
No	8,420	2,726	629	681	367	401	3,019	440	156
Sex									
Total									
Take job if available									
Total	3,247	958	392	349	35	105	1,268	70	70
No already has a job	35	17	17	0	0	0	0	0	0
No temporarily ill	52	35	0	0	0	0	17	0	0
No other reasons	309	124	17	17	0	0	132	0	18
Yes, could have taken a job	2,851	781	358	332	35	105	1,118	70	52
Male									
Take job if available									
Total	1,482	447	210	183	35	17	486	52	53
No already has a job	35	17	17	0	0	0	0	0	0
No temporarily ill	17	0	0	0	0	0	17	0	0
No other reasons	141	62	0	17	0	0	44	0	18
Yes, could have taken a job	1,289	367	192	165	35	17	425	52	35
Female									
Take job if available									
Total	1,765	511	183	166	0	87	782	17	17
No already has a job	0	0	0	0	0	0	0	0	0
No temporarily ill	35	35	0	0	0	0	0	0	0
No other reasons	168	62	17	0	0	0	89	0	0
Yes, could have taken a job	1,562	414	165	166	0	87	694	17	17

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 41b. Sex and Layoff / vacation, Look for work, Sex and Take job if available, Year when last worked by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Year when last worked									
Total	16,696	5,637	1,476	1,423	550	696	5,893	718	304
2016	1,901	365	70	192	52	129	971	95	26
2015	1,088	322	35	78	0	52	489	69	43
2013-2014	940	295	61	52	0	52	462	0	18
2010-2012	1,212	460	157	17	87	0	402	79	9
2000-2009	2,597	907	314	183	70	122	880	52	69
Before 2000	1,335	620	122	157	113	0	270	52	0
Never Worked	7,623	2,667	716	743	227	340	2,419	371	140
Male									
Year when last worked									
Total	6,512	2,399	664	575	183	208	2,091	260	131
2016	883	262	35	122	0	16	379	43	26
2015	474	87	17	8	0	35	258	51	17
2013-2014	366	148	35	35	0	17	113	0	18
2010-2012	612	227	122	0	52	0	158	44	9
2000-2009	1,100	550	175	78	17	35	166	35	43
Before 2000	471	193	35	87	43	0	78	35	0
Never Worked	2,606	933	245	245	70	105	939	52	17
Female									
Year when last worked									
Total	10,185	3,238	812	848	367	488	3,802	458	173
2016	1,018	104	35	70	52	113	592	52	0
2015	614	235	17	70	0	17	231	17	26
2013-2014	575	148	26	17	0	35	349	0	0
2010-2012	600	234	35	17	35	0	244	35	0
2000-2009	1,497	357	140	105	52	87	713	17	26
Before 2000	864	427	87	70	70	0	192	17	0
Never Worked	5,017	1,734	472	498	157	235	1,480	318	122

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 42a. Sex and Paid work last year, Sex and Weeks of work last year, Sex and Usual hours of work last year by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Paid work last year									
Total	38,692	9,913	2,699	2,410	1,188	1,864	17,953	1,736	930
Yes	22,002	4,381	1,240	986	586	1,175	11,993	989	651
No	16,690	5,532	1,458	1,424	602	689	5,960	747	278
Male									
Paid work last year									
Total	19,740	5,109	1,275	1,116	479	809	9,448	973	530
Yes	12,945	2,675	646	567	262	565	7,104	684	442
No	6,794	2,434	629	550	218	245	2,343	289	87
Female									
Paid work last year									
Total	18,953	4,804	1,423	1,293	708	1,055	8,506	763	400
Yes	9,057	1,706	594	419	324	610	4,889	305	209
No	9,896	3,098	829	874	384	445	3,616	458	191
Sex									
Total									
Weeks of work last year									
Total	22,002	4,381	1,240	986	586	1,175	11,993	989	651
Less than 13 weeks	1,043	321	52	105	0	35	389	70	70
14 to 26 weeks	912	312	105	61	17	35	269	78	35
27 to 39 weeks	972	156	35	17	0	17	642	43	61
40 to 49 weeks	1,715	215	105	0	52	175	1,037	95	35
50 to 52 weeks	17,360	3,376	943	803	516	913	9,655	703	451
Male									
Weeks of work last year									
Total	12,945	2,675	646	567	262	565	7,104	684	442
Less than 13 weeks	634	175	17	52	0	17	302	35	35
14 to 26 weeks	555	208	52	43	17	0	174	43	17
27 to 39 weeks	539	70	17	17	0	17	383	17	17
40 to 49 weeks	1,017	120	70	0	35	105	592	61	35
50 to 52 weeks	10,199	2,104	489	454	209	425	5,652	528	337
Female									
Weeks of work last year									
Total	9,057	1,706	594	419	324	610	4,889	305	209
Less than 13 weeks	408	147	35	52	0	17	87	35	35
14 to 26 weeks	357	104	52	17	0	35	95	35	17
27 to 39 weeks	433	87	17	0	0	0	260	26	43
40 to 49 weeks	697	95	35	0	17	70	445	35	0
50 to 52 weeks	7,162	1,272	454	349	306	488	4,003	175	114

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 42b. Sex and Paid work last year, Sex and Weeks of work last year, Sex and Usual hours of work last year by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Usual hours of work last year									
Total	22,002	4,381	1,240	986	586	1,175	11,993	989	651
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	139	34	17	17	0	0	70	0	0
14 to 34 hours	1,938	272	87	122	61	87	1,159	96	52
35 to 44 hours	19,025	3,823	1,101	829	524	1,062	10,344	823	520
More than 45 hours	899	253	35	17	0	26	419	70	79
Male									
Usual hours of work last year									
Total	12,945	2,675	646	567	262	565	7,104	684	442
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	51	16	0	17	0	0	17	0	0
14 to 34 hours	769	97	35	70	17	17	436	79	17
35 to 44 hours	11,602	2,379	594	479	244	522	6,458	570	355
More than 45 hours	523	183	17	0	0	26	193	35	70
Female									
Usual hours of work last year									
Total	9,057	1,706	594	419	324	610	4,889	305	209
No hours	0	0	0	0	0	0	0	0	0
1 to 14 hours	88	17	17	0	0	0	53	0	0
14 to 34 hours	1,169	174	52	52	44	70	724	17	35
35 to 44 hours	7,424	1,444	507	349	280	540	3,886	253	165
More than 45 hours	376	70	17	17	0	0	227	35	9

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 43. Sex and Class of worker, Sex and ESR by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Class of worker									
Total	22,283	4,356	1,240	1,004	638	1,186	12,199	1,035	626
Private company	18,088	2,335	629	777	445	1,168	11,316	966	452
CNMI Government	3,708	1,864	577	210	193	0	796	0	69
Municipal government	24	16	0	0	0	0	8	0	0
US/other government	254	97	35	0	0	0	52	0	70
Self employed	209	43	0	17	0	17	26	70	35
Working without pay	0	0	0	0	0	0	0	0	0
Male									
Class of worker									
Total	13,350	2,736	629	541	297	601	7,434	712	399
Private company	11,146	1,594	384	419	192	601	7,044	660	251
CNMI Government	1,864	1,029	227	105	105	0	338	0	60
Municipal government	16	16	0	0	0	0	0	0	0
US/other government	158	53	17	0	0	0	35	0	52
Self employed	165	43	0	17	0	0	17	52	35
Working without pay	0	0	0	0	0	0	0	0	0
Female									
Class of worker									
Total	8,934	1,619	611	463	341	585	4,764	323	227
Private company	6,942	741	245	358	254	567	4,271	305	200
CNMI Government	1,844	835	349	105	88	0	458	0	9
Municipal government	8	0	0	0	0	0	8	0	0
US/other government	96	44	17	0	0	0	17	0	17
Self employed	44	0	0	0	0	17	9	17	0
Working without pay	0	0	0	0	0	0	0	0	0
Sex									
Total									
ESR									
Total	53,890	14,434	3,815	3,790	1,564	2,727	24,174	2,274	1,111
Civilian at work	22,301	4,373	1,240	1,004	638	1,186	12,199	1,035	626
Civilian with job not at work	1,321	404	105	70	70	43	560	52	18
Unemployed	3,480	945	358	349	52	173	1,446	95	61
Military at work	0	0	0	0	0	0	0	0	0
Military not at work	0	0	0	0	0	0	0	0	0
Not in labor force w/ subsistence work	11,590	4,191	996	986	427	462	3,748	553	226
Not in labor force no subsistence	35	0	17	0	0	0	17	0	0
Not in universe	15,163	4,521	1,099	1,381	376	863	6,204	538	182
Male									
ESR									
Total	27,713	7,494	1,912	1,816	698	1,218	12,709	1,251	616
Civilian at work	13,367	2,754	629	541	297	601	7,434	712	399
Civilian with job not at work	542	185	35	35	0	8	226	35	18
Unemployed	1,468	462	192	165	35	26	484	61	43
Military at work	0	0	0	0	0	0	0	0	0
Military not at work	0	0	0	0	0	0	0	0	0
Not in labor force w/ subsistence work	4,363	1,708	419	375	148	175	1,303	165	70
Not in labor force no subsistence	35	0	17	0	0	0	17	0	0
Not in universe	7,939	2,385	620	699	219	409	3,244	278	86
Female									
ESR									
Total	26,177	6,940	1,903	1,975	865	1,509	11,465	1,023	496
Civilian at work	8,934	1,619	611	463	341	585	4,764	323	227
Civilian with job not at work	780	219	70	35	70	35	333	17	0
Unemployed	2,012	483	165	184	17	148	963	35	17
Military at work	0	0	0	0	0	0	0	0	0
Military not at work	0	0	0	0	0	0	0	0	0
Not in labor force w/ subsistence work	7,227	2,483	577	611	280	288	2,445	388	156
Not in labor force no subsistence	0	0	0	0	0	0	0	0	0
Not in universe	7,224	2,136	480	681	157	454	2,960	260	95

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 44a. Sex and Wages, Sex and Total income by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Wages									
Total	38,997	10,010	2,716	2,427	1,188	1,882	18,091	1,753	930
No Wages	11,609	3,494	1,056	1,084	419	515	4,354	513	174
\$1 to \$4999	1,782	564	52	140	17	0	824	114	70
\$5000 to \$9999	3,878	767	192	140	122	175	2,310	120	52
\$10000 to \$11249	2,054	157	0	121	61	173	1,419	104	17
\$11250 to \$12499	5,156	515	175	296	95	461	3,382	206	26
\$12500 to \$13749	4,591	530	210	280	70	210	3,033	182	78
\$13750 to \$14999	5,950	747	314	314	157	305	3,757	242	113
\$15000 to \$17499	3,237	874	489	140	96	122	1,323	122	70
\$17500 to \$19999	4,796	1,144	559	270	167	253	2,037	262	105
\$20000 to \$24999	2,205	1,037	87	70	52	51	707	113	88
\$25000 to \$49999	2,931	1,419	210	44	105	105	704	113	232
\$50000 or more	689	322	70	70	52	17	17	70	70
Male									
Wages									
Total	19,879	5,153	1,293	1,116	479	809	9,525	973	530
No Wages	4,465	1,308	472	402	157	140	1,785	158	44
\$1 to \$4999	929	330	17	70	0	0	415	61	35
\$5000 to \$9999	1,706	313	35	70	61	105	1,028	77	17
\$10000 to \$11249	1,167	122	0	86	26	43	811	61	17
\$11250 to \$12499	2,949	349	140	156	26	173	1,950	138	17
\$12500 to \$13749	2,903	375	122	175	35	105	1,900	130	61
\$13750 to \$14999	3,773	497	227	192	87	148	2,353	173	95
\$15000 to \$17499	1,937	560	227	87	61	52	792	105	52
\$17500 to \$19999	2,844	717	262	165	61	157	1,184	210	87
\$20000 to \$24999	1,361	717	35	17	17	16	445	43	70
\$25000 to \$49999	1,458	722	87	26	52	52	364	61	93
\$50000 or more	392	200	17	17	17	17	0	52	70
Female									
Wages									
Total	19,119	4,857	1,423	1,311	708	1,073	8,566	781	400
No Wages	7,144	2,186	585	682	262	375	2,568	356	130
\$1 to \$4999	853	234	35	70	17	0	409	52	35
\$5000 to \$9999	2,172	454	157	70	61	70	1,282	43	35
\$10000 to \$11249	887	35	0	35	35	130	609	43	0
\$11250 to \$12499	2,206	166	35	140	70	288	1,431	69	8
\$12500 to \$13749	1,688	154	87	105	35	105	1,133	51	17
\$13750 to \$14999	2,177	250	87	122	70	157	1,404	69	17
\$15000 to \$17499	1,300	315	262	52	35	70	531	17	17
\$17500 to \$19999	1,952	427	297	105	105	95	852	52	17
\$20000 to \$24999	844	320	52	52	35	35	263	70	17
\$25000 to \$49999	1,473	697	122	17	52	52	339	52	139
\$50000 or more	297	122	52	52	35	0	17	17	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 44b. Sex and Wages, Sex and Total income by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Sex									
Total									
Total income									
Total	38,997	10,010	2,716	2,427	1,188	1,882	18,091	1,753	930
No income	9,405	2,572	716	909	262	480	3,883	443	139
\$1 to \$4999	2,604	897	192	227	87	17	947	149	87
\$5000 to \$9999	4,139	810	253	210	166	157	2,388	102	52
\$10000 to \$11249	2,108	210	17	86	61	165	1,456	95	17
\$11250 to \$12499	5,028	464	175	296	104	426	3,332	215	17
\$12500 to \$13749	4,182	443	140	227	52	227	2,866	156	70
\$13750 to \$14999	5,721	712	280	262	157	340	3,633	225	113
\$15000 to \$17499	3,182	837	332	122	79	122	1,454	157	78
\$17500 to \$19999	4,820	1,194	437	253	149	253	2,142	280	113
\$20000 to \$24999	2,405	881	210	70	87	51	915	113	79
\$25000 to \$49999	3,795	1,809	367	131	122	140	835	157	233
\$50000 or more	1,081	671	87	70	52	17	17	70	95
Male									
Total income									
Total	19,879	5,153	1,293	1,116	479	809	9,525	973	530
No income	3,661	1,028	280	367	70	140	1,646	105	26
\$1 to \$4999	1,140	393	52	105	35	0	441	79	35
\$5000 to \$9999	1,803	340	122	70	105	87	1,002	59	17
\$10000 to \$11249	1,167	105	17	69	26	61	820	52	17
\$11250 to \$12499	2,837	280	122	156	34	156	1,925	146	17
\$12500 to \$13749	2,764	288	105	157	17	122	1,892	130	52
\$13750 to \$14999	3,633	418	192	175	70	165	2,344	173	95
\$15000 to \$17499	1,866	541	157	52	44	70	827	122	52
\$17500 to \$19999	2,826	725	210	148	61	175	1,210	210	87
\$20000 to \$24999	1,438	577	105	35	35	16	566	43	61
\$25000 to \$49999	1,914	984	192	44	52	52	391	104	94
\$50000 or more	627	409	17	17	17	17	0	52	95
Female									
Total income									
Total	19,119	4,857	1,423	1,311	708	1,073	8,566	781	400
No income	5,744	1,544	437	542	192	340	2,238	338	113
\$1 to \$4999	1,464	504	140	122	52	17	505	70	52
\$5000 to \$9999	2,335	471	130	140	61	70	1,385	43	35
\$10000 to \$11249	941	105	0	17	35	105	635	43	0
\$11250 to \$12499	2,191	184	52	140	70	270	1,407	69	0
\$12500 to \$13749	1,418	155	35	70	35	105	975	26	17
\$13750 to \$14999	2,088	294	87	87	87	175	1,289	51	17
\$15000 to \$17499	1,316	296	175	70	35	52	627	35	26
\$17500 to \$19999	1,994	469	227	105	88	78	931	70	26
\$20000 to \$24999	967	304	105	35	52	35	349	70	17
\$25000 to \$49999	1,881	825	175	87	70	87	445	52	139
\$50000 or more	454	262	70	52	35	0	17	17	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 45. Household income, Family income, Persons in poverty by Ethnic origin (principal), CNMI: 2016

	Total	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asian	Other
Household income									
Total	16,595	4,173	891	619	349	906	8,458	774	425
No household income	698	78	17	61	17	87	349	79	9
\$ 1 - \$ 9999	2,318	653	122	122	52	105	1,073	155	35
\$ 10000 - \$ 12499	1,597	105	35	52	43	139	1,110	104	9
\$ 12500 - \$ 14999	1,933	279	17	17	17	70	1,394	104	34
\$ 15000 - \$ 19999	2,084	515	105	70	0	122	1,124	70	78
\$ 20000 - \$ 29999	3,567	845	175	113	105	218	1,911	148	52
\$ 30000 - \$ 39999	1,794	470	175	105	35	140	774	52	44
\$ 40000 - \$ 49999	904	330	105	44	8	0	374	17	26
\$50000 or more	1,699	897	140	35	70	26	349	44	139
Family income									
Total	16,630	4,190	891	619	349	906	8,476	774	425
No family income	838	148	17	61	17	87	419	79	9
\$ 1 - \$ 9999	2,667	705	140	157	52	105	1,300	155	52
\$ 10000 - \$ 12499	1,796	140	35	52	43	139	1,273	104	9
\$ 12500 - \$ 14999	2,098	271	17	52	17	70	1,533	104	34
\$ 15000 - \$ 19999	1,997	542	105	17	0	122	1,080	70	61
\$ 20000 - \$ 29999	3,185	758	175	130	105	218	1,598	148	52
\$ 30000 - \$ 39999	1,620	435	157	87	35	140	669	52	44
\$ 40000 - \$ 49999	888	374	122	26	8	8	306	17	26
\$50000 or more	1,542	818	122	35	70	17	297	44	139
Persons in poverty									
Total	53,506	14,242	3,693	3,790	1,564	2,727	24,139	2,274	1,076
Not in universe	1,870	427	17	148	17	210	892	150	9
Less than 50 percent	10,455	3,435	454	1,293	375	286	3,997	440	175
50 to 99 percent	18,320	3,439	1,212	1,555	349	1,169	9,626	700	269
100 to 124 percent	6,468	1,247	699	148	192	288	3,530	314	51
125 to 149 percent	4,473	1,176	175	209	122	349	2,102	121	218
150 percent or more	11,920	4,518	1,136	438	507	425	3,993	549	356

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 46. Sex and age5 by Birthplace, CNMI: 2016

Sex Age	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Total	53,890	27,083	881	1,467	1,143	1,001	1,702	681	1,812	15,812	1,699	609
Less than 5	3,792	3,278	57	179	26	113	17	0	17	78	26	0
5 to 9	5,267	4,245	74	260	192	96	70	0	17	148	78	87
10 to 14	5,164	4,185	115	197	70	138	70	0	17	304	34	35
15 to 19	4,928	3,911	98	117	123	87	87	0	87	357	61	0
20 to 24	3,341	2,634	69	98	105	35	88	17	17	175	50	52
25 to 29	2,790	1,568	77	72	70	114	105	0	210	437	113	26
30 to 34	2,462	1,035	59	36	96	53	157	17	157	678	112	61
35 to 39	3,459	1,061	59	81	112	17	166	17	375	1,429	70	70
40 to 44	4,429	891	50	72	122	17	245	61	427	2,094	311	139
45 to 49	4,737	934	57	80	61	17	332	122	198	2,639	279	17
50 to 54	4,887	1,038	33	117	52	175	78	122	140	2,976	122	35
55 to 59	3,451	750	50	36	35	70	165	35	26	2,145	140	0
60 to 64	2,640	793	42	44	44	17	35	104	52	1,342	95	70
65 to 74	1,872	541	42	61	35	25	70	148	35	741	157	17
75 and over	671	218	0	18	0	26	17	35	35	270	52	0
Median	33.4	17.3	26.8	19.2	29.0	26.4	41.9	54.3	40.1	49.2	44.9	38.1
Males	27,713	13,865	524	805	687	513	811	278	809	8,169	911	340
Less than 5	1,977	1,708	49	126	17	52	0	0	17	0	8	0
5 to 9	2,861	2,294	42	89	95	79	70	0	17	70	52	52
10 to 14	2,623	2,016	74	117	52	95	52	0	0	181	17	17
15 to 19	2,446	1,978	65	45	105	0	35	0	52	148	17	0
20 to 24	1,631	1,290	43	71	87	17	0	0	0	70	34	17
25 to 29	1,379	785	26	45	52	17	70	0	105	210	52	17
30 to 34	1,238	495	17	18	26	35	87	17	87	375	61	17
35 to 39	1,619	575	43	45	51	17	61	17	130	609	17	52
40 to 44	2,087	358	42	45	61	17	105	0	183	1,060	155	61
45 to 49	2,541	550	41	45	44	17	192	70	42	1,332	191	17
50 to 54	2,661	568	16	90	35	87	43	70	70	1,561	87	35
55 to 59	1,995	489	24	27	0	35	61	17	0	1,289	52	0
60 to 64	1,254	401	16	26	44	17	0	8	52	628	26	35
65 to 74	1,080	262	26	17	17	25	35	61	35	479	105	17
75 and over	322	95	0	0	0	0	0	17	17	157	35	0
Median	33.8	17.3	23.7	21.9	24.2	28.8	41.4	52.5	39.8	50.1	46.1	39.6
Females	26,177	13,218	357	662	455	488	891	402	1,003	7,643	788	269
Less than 5	1,815	1,570	8	54	9	61	17	0	0	78	17	0
5 to 9	2,406	1,951	33	170	96	17	0	0	0	78	26	35
10 to 14	2,541	2,168	41	81	17	43	17	0	17	122	16	17
15 to 19	2,482	1,933	33	72	18	87	52	0	35	209	43	0
20 to 24	1,710	1,344	26	27	17	17	88	17	17	105	16	35
25 to 29	1,411	783	51	27	17	96	35	0	105	227	61	8
30 to 34	1,224	540	42	18	70	17	70	0	70	304	51	43
35 to 39	1,840	486	16	36	61	0	105	0	245	820	52	17
40 to 44	2,343	533	8	27	61	0	140	61	245	1,034	156	78
45 to 49	2,196	384	16	35	17	0	140	52	156	1,307	87	0
50 to 54	2,225	470	16	27	17	87	35	52	70	1,415	35	0
55 to 59	1,456	261	26	9	35	35	105	17	26	856	87	0
60 to 64	1,386	392	26	18	0	0	35	96	0	714	70	35
65 to 74	793	279	16	44	17	0	35	87	0	262	52	0
75 and over	349	122	0	18	0	26	17	17	17	113	17	0
Median	33.0	17.4	28.8	16.8	33.7	25.9	42.2	60.0	40.2	48.2	43.6	34.5

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 47. Sex and Ethnic origin (principal) by Birthplace, CNMI: 2016

Ethnicity	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Total	53,890	27,083	881	1,467	1,143	1,001	1,702	681	1,812	15,812	1,699	609
Chamorro	14,434	11,450	515	1,100	950	295	61	35	0	0	26	0
Carolinian	3,815	3,598	17	0	70	95	17	17	0	0	0	0
FSM	3,790	1,982	0	0	105	88	1,615	0	0	0	0	0
Palauan	1,564	900	0	9	17	9	0	628	0	0	0	0
Chinese	2,727	915	0	0	0	0	0	0	1,777	0	0	35
Filipino	24,174	7,638	332	340	0	51	0	0	0	15,812	0	0
Other Asian	2,274	523	8	18	0	17	0	0	35	0	1,665	8
Other	1,111	77	8	0	0	444	8	0	0	0	8	566
Males	27,713	13,865	524	805	687	513	811	278	809	8,169	911	340
Chamorro	7,494	5,891	291	609	513	130	44	17	0	0	0	0
Carolinian	1,912	1,790	17	0	70	35	0	0	0	0	0	0
FSM	1,816	899	0	0	105	53	759	0	0	0	0	0
Palauan	698	419	0	9	0	9	0	261	0	0	0	0
Chinese	1,218	409	0	0	0	0	0	0	792	0	0	17
Filipino	12,709	4,110	208	188	0	34	0	0	0	8,169	0	0
Other Asian	1,251	331	0	0	0	0	0	0	17	0	903	0
Other	616	16	8	0	0	252	8	0	0	0	8	323
Females	26,177	13,218	357	662	455	488	891	402	1,003	7,643	788	269
Chamorro	6,940	5,560	224	492	438	165	17	17	0	0	26	0
Carolinian	1,903	1,808	0	0	0	61	17	17	0	0	0	0
FSM	1,975	1,083	0	0	0	35	857	0	0	0	0	0
Palauan	865	481	0	0	17	0	0	367	0	0	0	0
Chinese	1,509	507	0	0	0	0	0	0	985	0	0	17
Filipino	11,465	3,528	124	152	0	17	0	0	0	7,643	0	0
Other Asian	1,023	192	8	18	0	17	0	0	17	0	762	8
Other	496	61	0	0	0	192	0	0	0	0	0	243

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 48. Sex and Citizenship, Year to area, Reason for migration by Birthplace, CNMI: 2016

	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Total	53,890	27,083	881	1,467	1,143	1,001	1,702	681	1,812	15,812	1,699	609
U.S. Citizen	33,219	27,083	881	1,467	1,143	1,001	236	130	70	989	184	35
Born in CNMI	29,606	27,066	881	1,458	17	17	17	35	0	95	17	0
Born in U.S./territory or parents	2,405	17	0	9	1,125	983	149	61	0	17	26	17
Naturalized U.S. citizen	1,208	0	0	0	0	0	70	35	70	876	140	17
Noncitizen	20,671	0	0	0	0	0	1,466	550	1,742	14,823	1,515	574
Noncitizen Green card	3,317	0	0	0	0	0	802	297	130	1,801	251	35
Other noncitizen	17,354	0	0	0	0	0	664	253	1,612	13,022	1,264	539
Males	27,713	13,865	524	805	687	513	811	278	809	8,169	911	340
U.S. Citizen	17,074	13,865	524	805	687	513	114	61	35	400	52	17
Born in CNMI	15,265	13,848	524	805	0	17	0	0	0	70	0	0
Born in U.S./territory or parents	1,305	17	0	0	687	496	79	26	0	0	0	0
Naturalized U.S. citizen	505	0	0	0	0	0	35	35	35	330	52	17
Noncitizen	10,639	0	0	0	0	0	697	218	774	7,769	858	323
Noncitizen Green card	1,513	0	0	0	0	0	453	157	52	730	121	0
Other noncitizen	9,126	0	0	0	0	0	244	61	722	7,039	737	323
Females	26,177	13,218	357	662	455	488	891	402	1,003	7,643	788	269
U.S. Citizen	16,145	13,218	357	662	455	488	122	70	35	589	131	17
Born in CNMI	14,341	13,218	357	653	17	0	17	35	0	26	17	0
Born in U.S./territory or parents	1,101	0	0	9	438	488	70	35	0	17	26	17
Naturalized U.S. citizen	703	0	0	0	0	0	35	0	35	546	87	0
Noncitizen	10,032	0	0	0	0	0	769	332	968	7,054	657	251
Noncitizen Green card	1,804	0	0	0	0	0	349	140	78	1,071	130	35
Other noncitizen	8,228	0	0	0	0	0	420	193	890	5,983	527	217
Total, year to CNMI	24,285	17	0	9	1,125	983	1,685	646	1,812	15,717	1,682	609
2016	1,962	0	0	0	17	165	87	17	105	1,328	172	70
2015	1,369	0	0	0	70	95	61	35	210	689	51	157
2013-2014	1,491	0	0	0	70	71	122	0	227	656	250	94
2010-2012	591	0	0	0	122	111	87	0	122	95	35	17
2005-2009	2,559	0	0	0	236	114	43	17	288	1,696	95	70
2000-2004	2,960	17	0	9	123	140	114	17	234	1,991	235	78
1990-1999	8,841	0	0	0	104	121	577	192	566	6,639	555	87
1980-1989	3,457	0	0	0	199	95	384	193	61	2,325	201	0
Before 1980	1,055	0	0	0	184	70	210	173	0	296	87	35
Total, reason for entry	24,285	17	0	9	1,125	983	1,685	646	1,812	15,717	1,682	609
Employment	17,010	0	0	0	61	234	356	200	1,340	13,647	918	251
Spouse of employed	1,138	0	0	0	60	61	70	35	70	514	293	35
Dependent of employed	1,953	0	0	0	243	250	122	70	140	755	172	200
Family subsistence	1,796	17	0	0	365	174	507	140	87	391	79	35
Family business	698	0	0	0	17	17	323	78	70	122	52	17
Visiting or vacation	873	0	0	0	35	52	245	87	52	227	105	70
Other reason	808	0	0	9	343	193	61	35	52	52	61	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 49. Mother's birth state, Father's Birthplace by Birthplace, CNMI: 2016

Parental birthplace	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Mother's birth state												
Total	53,890	27,083	881	1,467	1,143	1,001	1,702	681	1,812	15,812	1,699	609
Saipan	14,678	13,385	158	98	461	348	122	52	17	17	17	0
Tinian	621	295	275	8	24	0	17	0	0	0	0	0
Rota	1,178	261	41	779	62	26	0	0	0	0	9	0
N. Islands	480	480	0	0	0	0	0	0	0	0	0	0
Guam	1,198	549	8	135	447	59	0	0	0	0	0	0
U.S.	636	175	0	0	17	444	0	0	0	0	0	0
FSM	3,750	1,998	58	0	95	35	1,563	0	0	0	0	0
Palau	1,730	1,022	0	18	17	9	0	628	0	0	0	35
China	2,770	968	8	0	0	0	0	0	1,777	0	0	17
Korea	724	165	0	0	17	0	0	0	17	0	524	0
Philippines	23,880	7,334	324	367	0	43	0	0	0	15,795	17	0
Elsewhere	2,245	452	8	63	0	35	0	0	0	0	1,131	557
Father's Birthplace												
Total	53,890	27,083	881	1,467	1,143	1,001	1,702	681	1,812	15,812	1,699	609
Saipan	14,610	13,566	109	117	400	261	105	17	17	17	0	0
Tinian	554	256	274	8	16	0	0	0	0	0	0	0
Rota	1,466	375	73	895	97	18	9	0	0	0	0	0
N. Islands	497	488	0	9	0	0	0	0	0	0	0	0
Guam	1,262	582	49	63	474	77	0	17	0	0	0	0
U.S.	818	288	0	9	35	461	0	8	0	17	0	0
FSM	3,924	2,103	91	36	52	53	1,571	17	0	0	0	0
Palau	1,683	959	0	9	34	9	17	620	0	0	0	35
China	2,545	733	0	0	0	0	0	0	1,777	17	0	17
Korea	690	131	0	0	0	0	0	0	17	0	542	0
Philippines	23,554	7,135	277	278	35	35	0	0	0	15,760	35	0
Elsewhere	2,287	468	8	45	0	87	0	0	0	0	1,123	557

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 50a. Sex and School attendance, Sex and Educational attainment by Birthplace, CNMI: 2016

School enrollment Educational attainment	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Total	53,890	27,083	881	1,467	1,143	1,001	1,702	681	1,812	15,812	1,699	609
No has not attended	38,796	14,965	628	894	740	662	1,475	663	1,672	15,040	1,570	487
Yes, public school or college	14,089	11,403	245	493	376	295	227	17	105	712	129	87
Yes, private school or college	1,006	716	8	81	26	44	0	0	35	61	0	35
Males	27,713	13,865	524	805	687	513	811	278	809	8,169	911	340
No has not attended	20,164	7,845	377	546	426	357	689	278	739	7,779	841	288
Yes, public school or college	7,086	5,689	139	215	235	130	122	0	70	364	70	52
Yes, private school or college	463	332	8	45	26	26	0	0	0	26	0	0
Females	26,177	13,218	357	662	455	488	891	402	1,003	7,643	788	269
No has not attended	18,632	7,120	251	348	315	305	787	385	933	7,261	729	199
Yes, public school or college	7,003	5,714	106	278	141	165	105	17	35	348	59	35
Yes, private school or college	543	384	0	36	0	17	0	0	35	35	0	35
EDUCATIONAL ATTAINMENT												
Total, 25 years and over	31,398	8,830	468	616	627	532	1,370	663	1,655	14,751	1,452	434
Less than 9th grade	2,187	872	42	44	26	0	200	87	175	611	111	17
9th to 12th grade	3,592	2,005	58	35	123	0	367	140	157	610	62	35
High school graduate	12,783	3,510	294	331	199	122	533	244	1,043	5,561	667	277
Some college	4,085	1,167	16	125	148	123	148	35	157	2,035	131	0
AA - academic	2,348	235	8	0	17	0	17	35	52	1,755	210	17
AA - occupational	1,064	297	8	45	26	26	35	43	17	548	17	0
BA	4,642	497	34	18	61	138	52	79	35	3,466	192	70
MS PhD or Professional degree	697	245	8	17	26	122	17	0	17	165	61	17
Percent High School Graduate	81.6	67.4	78.6	87.0	76.1	99.8	58.5	65.8	79.8	91.7	88.0	87.8
Percent BA/BS or more	17.0	8.4	9.0	5.7	13.9	48.9	5.0	11.9	3.1	24.6	17.4	20.0
Males	16,175	4,578	251	358	330	270	654	278	722	7,700	782	253
Less than 9th grade	1,011	419	26	0	9	0	95	17	70	314	60	0
9th to 12th grade	1,867	1,056	16	9	61	0	210	87	52	305	53	17
High school graduate	6,787	1,951	177	224	138	70	253	95	495	2,854	346	183
Some college	2,301	576	8	89	86	70	26	0	35	1,341	70	0
AA - academic	1,512	140	0	0	0	0	17	35	17	1,162	122	17
AA - occupational	471	105	8	18	0	26	35	8	17	253	0	0
BA	1,924	245	8	0	17	51	17	35	17	1,410	87	35
MS PhD or Professional degree	304	87	8	17	17	52	0	0	17	61	43	0
Percent High School Graduate	82.2	67.8	83.3	97.2	78.2	99.6	53.2	62.2	82.8	92.0	85.4	92.9
Percent BA/BS or more	13.8	7.3	6.4	4.7	10.3	38.1	2.6	12.6	4.7	19.1	16.6	13.8
Females	15,222	4,252	217	258	297	262	716	385	933	7,051	670	182
Less than 9th grade	1,176	453	16	44	17	0	105	70	105	297	51	17
9th to 12th grade	1,725	950	42	26	61	0	157	52	105	305	9	17
High school graduate	5,996	1,560	117	107	61	52	280	149	548	2,706	321	94
Some college	1,784	591	8	36	61	52	122	35	122	694	61	0
AA - academic	837	95	8	0	17	0	0	0	35	593	87	0
AA - occupational	594	193	0	27	26	0	0	35	0	295	17	0
BA	2,718	253	26	18	43	87	35	44	17	2,056	105	35
MS PhD or Professional degree	393	157	0	0	9	70	17	0	0	105	17	17
Percent High School Graduate	80.9	67.0	73.3	72.9	73.1	99.6	63.4	68.3	77.4	91.5	90.7	80.2
Percent BA/BS or more	20.4	9.6	12.0	7.0	17.5	59.9	7.3	11.4	1.8	30.6	18.2	28.6

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 51. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Birthplace, CNMI: 2016

Same/different house in 2011 Residence in 2011	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Total	50,098	23,805	824	1,288	1,116	888	1,685	681	1,795	15,734	1,673	609
Same house in 2011	28,315	15,164	519	940	593	286	926	427	618	7,912	886	43
Elsewhere in 2011	21,783	8,641	305	348	523	602	759	253	1,176	7,822	787	566
Males	25,736	12,157	475	680	670	461	811	278	792	8,169	903	340
Same house in 2011	14,466	7,665	295	519	374	138	428	183	286	4,077	485	17
Elsewhere in 2011	11,270	4,492	180	161	296	323	383	95	505	4,092	418	323
Females	24,362	11,648	349	608	446	427	874	402	1,003	7,565	771	269
Same house in 2011	13,849	7,499	224	421	220	148	498	245	332	3,835	401	26
Elsewhere in 2011	10,514	4,149	124	187	227	279	376	158	671	3,730	369	243
Total, residence in 2011	50,098	23,805	824	1,288	1,116	888	1,685	681	1,795	15,734	1,673	609
Saipan	39,192	21,245	192	114	778	454	1,371	655	1,109	11,894	1,118	262
Tinian	3,313	1,284	624	53	58	82	16	8	127	854	139	69
Rota	2,183	248	0	1,076	72	27	27	18	0	652	63	0
Guam	503	205	0	9	193	35	26	0	17	17	0	0
U.S.	858	518	0	18	16	211	0	0	35	26	0	35
FSM	245	0	0	0	0	0	245	0	0	0	0	0
China	594	70	0	0	0	0	0	0	507	0	0	17
Korea	52	0	0	0	0	0	0	0	0	0	52	0
Philippines	2,500	235	8	0	0	0	0	0	0	2,256	0	0
Elsewhere	659	0	0	18	0	79	0	0	0	35	301	226
Males	25,736	12,157	475	680	670	461	811	278	792	8,169	903	340
Saipan	19,944	10,775	87	79	481	227	602	270	472	6,200	577	175
Tinian	1,811	691	380	9	49	49	16	8	76	384	106	43
Rota	1,109	106	0	565	27	27	18	0	0	321	45	0
Guam	312	137	0	0	105	17	17	0	17	17	0	0
U.S.	432	248	0	9	8	114	0	0	17	0	0	35
FSM	157	0	0	0	0	0	157	0	0	0	0	0
China	210	0	0	0	0	0	0	0	210	0	0	0
Korea	0	0	0	0	0	0	0	0	0	0	0	0
Philippines	1,419	200	8	0	0	0	0	0	0	1,211	0	0
Elsewhere	341	0	0	18	0	26	0	0	0	35	175	87
Females	24,362	11,648	349	608	446	427	874	402	1,003	7,565	771	269
Saipan	19,248	10,471	105	35	297	227	769	384	637	5,694	542	87
Tinian	1,502	593	244	44	9	34	0	0	51	469	33	26
Rota	1,074	142	0	511	45	0	9	18	0	331	18	0
Guam	190	67	0	9	87	17	9	0	0	0	0	0
U.S.	427	270	0	9	8	96	0	0	17	26	0	0
FSM	87	0	0	0	0	0	87	0	0	0	0	0
China	384	70	0	0	0	0	0	0	297	0	0	17
Korea	52	0	0	0	0	0	0	0	0	0	52	0
Philippines	1,080	35	0	0	0	0	0	0	0	1,045	0	0
Elsewhere	317	0	0	0	0	52	0	0	0	0	126	139

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 52a. Sex and Speak English at home, Sex and Language (non-English) spoken at home, by Birthplace, CNMI: 2016

	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Total	50,098	23,805	824	1,288	1,116	888	1,685	681	1,795	15,734	1,673	609
Speak English only	12,511	9,105	222	536	516	696	271	130	113	792	95	35
Speak other language	37,587	14,701	602	752	600	192	1,414	550	1,682	14,942	1,578	574
Males	25,736	12,157	475	680	670	461	811	278	792	8,169	903	340
Speak English only	6,278	4,589	123	250	279	409	157	43	17	323	52	35
Speak other language	19,458	7,568	352	430	391	52	654	235	774	7,846	851	305
Females	24,362	11,648	349	608	446	427	874	402	1,003	7,565	771	269
Speak English only	6,233	4,516	99	286	237	287	114	87	95	469	43	0
Speak other language	18,129	7,133	250	322	209	140	760	315	907	7,096	728	269
Total, all languages	50,098	23,805	824	1,288	1,116	888	1,685	681	1,795	15,734	1,673	609
English only	12,511	9,105	222	536	516	696	271	130	113	792	95	35
Chamorro	9,301	7,299	443	662	530	52	70	78	0	122	26	17
Carolinian	2,497	2,235	0	0	52	52	140	17	0	0	0	0
FSM language	1,991	804	0	0	0	0	1,187	0	0	0	0	0
Palauan	796	323	0	0	17	0	0	455	0	0	0	0
Chinese	2,135	480	8	0	0	0	0	0	1,612	0	0	35
Korean	734	157	0	0	0	0	0	0	35	0	542	0
Filipino	18,174	3,123	151	80	0	35	0	0	0	14,785	0	0
Other language	1,960	280	0	9	0	52	17	0	35	35	1,010	522
Males	25,736	12,157	475	680	670	461	811	278	792	8,169	903	340
English only	6,278	4,589	123	250	279	409	157	43	17	323	52	35
Chamorro	4,974	3,835	277	376	321	17	52	43	0	35	0	17
Carolinian	1,109	1,021	0	0	52	0	35	0	0	0	0	0
FSM language	934	367	0	0	0	0	567	0	0	0	0	0
Palauan	419	210	0	0	17	0	0	192	0	0	0	0
Chinese	940	183	0	0	0	0	0	0	739	0	0	17
Korean	367	105	0	0	0	0	0	0	17	0	245	0
Filipino	9,621	1,708	76	44	0	17	0	0	0	7,775	0	0
Other language	1,095	140	0	9	0	17	0	0	17	35	606	270
Females	24,362	11,648	349	608	446	427	874	402	1,003	7,565	771	269
English only	6,233	4,516	99	286	237	287	114	87	95	469	43	0
Chamorro	4,327	3,465	166	286	209	35	17	35	0	87	26	0
Carolinian	1,388	1,214	0	0	0	52	105	17	0	0	0	0
FSM language	1,057	437	0	0	0	0	620	0	0	0	0	0
Palauan	376	114	0	0	0	0	0	263	0	0	0	0
Chinese	1,195	297	8	0	0	0	0	0	872	0	0	17
Korean	367	52	0	0	0	0	0	0	17	0	297	0
Filipino	8,553	1,415	76	36	0	17	0	0	0	7,010	0	0
Other language	865	140	0	0	0	35	17	0	17	0	404	251

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 52b. Sex and Speak English at home, Sex and Language (non-English) spoken at home, by Birthplace, CNMI: 2016

	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Total, frequency of English	50,098	23,805	824	1,288	1,116	888	1,685	681	1,795	15,734	1,673	609
Yes, more frequently than English	23,885	6,637	325	312	191	0	986	314	1,350	12,026	1,274	469
Both equally often	9,544	5,846	184	197	191	87	245	166	157	2,193	208	70
No less frequently than English	3,975	2,200	85	242	219	105	183	70	52	723	78	17
Doesn't speak English	183	17	8	0	0	0	0	0	122	0	17	17
Speaks English only	12,511	9,105	222	536	516	696	271	130	113	792	95	35
Males	25,736	12,157	475	680	670	461	811	278	792	8,169	903	340
Yes, more frequently than English	12,783	3,537	192	187	138	0	480	140	652	6,518	703	235
Both equally often	4,657	2,905	127	117	104	17	52	61	70	1,066	86	52
No less frequently than English	1,948	1,108	34	126	148	35	122	35	17	262	44	17
Doesn't speak English	70	17	0	0	0	0	0	0	35	0	17	0
Speaks English only	6,278	4,589	123	250	279	409	157	43	17	323	52	35
Females	24,362	11,648	349	608	446	427	874	402	1,003	7,565	771	269
Yes, more frequently than English	11,102	3,100	134	125	52	0	507	175	698	5,508	571	234
Both equally often	4,887	2,941	57	81	87	70	192	105	87	1,127	122	17
No less frequently than English	2,027	1,092	51	117	70	70	61	35	35	461	35	0
Doesn't speak English	113	0	8	0	0	0	0	0	87	0	0	17
Speaks English only	6,233	4,516	99	286	237	287	114	87	95	469	43	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 53. Sex and Tobacco, Sex and Chew Tobacco or betel nut by Birthplace, CNMI: 2016

Tobacco use	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Chewing tobacco												
Total, tobacco use	50,098	23,805	824	1,288	1,116	888	1,685	681	1,795	15,734	1,673	609
No days	41,327	19,989	615	1,010	784	662	1,310	638	1,456	13,025	1,317	522
1 to 7 days	462	165	0	9	17	8	17	0	17	175	17	35
8 to 14 days	409	191	8	45	9	0	26	0	0	122	8	0
15 to 28 days	591	278	16	18	0	17	43	0	0	174	44	0
29 or 30 days	7,308	3,181	185	206	306	201	288	43	321	2,238	287	52
Males	25,736	12,157	475	680	670	461	811	278	792	8,169	903	340
No days	19,420	9,831	350	500	469	304	541	235	488	5,851	581	270
1 to 7 days	297	35	0	9	0	8	17	0	17	158	17	35
8 to 14 days	296	121	0	27	9	0	26	0	0	104	8	0
15 to 28 days	409	183	8	9	0	17	8	0	0	157	26	0
29 or 30 days	5,313	1,988	117	135	192	131	218	43	286	1,899	270	35
Females	24,362	11,648	349	608	446	427	874	402	1,003	7,565	771	269
No days	21,907	10,159	265	510	315	357	769	402	968	7,174	736	251
1 to 7 days	165	130	0	0	17	0	0	0	0	17	0	0
8 to 14 days	113	70	8	18	0	0	0	0	0	17	0	0
15 to 28 days	182	95	8	9	0	0	35	0	0	17	17	0
29 or 30 days	1,994	1,194	67	71	114	70	70	0	35	338	17	17
Total, chewing tobacco	50,098	23,805	824	1,288	1,116	888	1,685	681	1,795	15,734	1,673	609
No days	42,521	18,273	688	1,037	724	871	1,030	340	1,795	15,542	1,631	592
1 to 7 days	357	200	8	27	26	0	17	17	0	35	26	0
8 to 14 days	305	131	34	9	53	17	0	0	0	52	8	0
15 to 28 days	543	446	35	27	35	0	0	0	0	0	0	0
29 or 30 days	6,373	4,755	59	188	278	0	638	323	0	105	9	17
Males	25,736	12,157	475	680	670	461	811	278	792	8,169	903	340
No days	21,363	8,972	373	509	400	443	427	156	792	8,099	869	323
1 to 7 days	183	70	8	27	17	0	0	17	0	17	26	0
8 to 14 days	174	70	26	9	44	17	0	0	0	0	8	0
15 to 28 days	315	262	17	18	17	0	0	0	0	0	0	0
29 or 30 days	3,701	2,784	51	117	191	0	384	105	0	52	0	17
Females	24,362	11,648	349	608	446	427	874	402	1,003	7,565	771	269
No days	21,158	9,301	315	527	324	427	603	184	1,003	7,443	762	269
1 to 7 days	174	130	0	0	9	0	17	0	0	17	0	0
8 to 14 days	131	61	8	0	9	0	0	0	0	52	0	0
15 to 28 days	228	184	17	9	17	0	0	0	0	0	0	0
29 or 30 days	2,672	1,971	8	72	87	0	254	219	0	52	9	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 54. Any active duty, Sex and Work last week, Sex and Hours of work last week by Birthplace, CNMI: 2016

Military Work last week and hours	Total	Saipan/. N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Any active duty												
Total	38,692	14,670	594	786	837	636	1,528	681	1,760	15,170	1,545	487
Active duty now	61	35	0	9	0	0	0	0	0	17	0	0
Previous active duty	584	235	8	35	70	113	0	0	0	70	17	35
Reserves or National Guard	226	156	0	0	0	0	17	17	0	35	0	0
No	37,822	14,244	586	742	767	524	1,510	663	1,760	15,048	1,527	452
WORK LAST WEEK												
Total	38,692	14,670	594	786	837	636	1,528	681	1,760	15,170	1,545	487
Yes, paid and no subsistence	21,359	6,032	250	439	417	314	742	306	1,098	10,509	939	313
Yes, paid and subsistence	942	462	0	0	0	35	17	0	17	340	35	35
Yes, Subsistence only	149	52	0	9	0	17	0	0	0	70	0	0
No	16,243	8,123	344	338	420	270	768	375	644	4,251	571	139
Males												
Total	19,740	7,499	335	447	504	287	671	278	774	7,840	833	270
Yes, paid and no subsistence	12,844	3,617	176	313	259	165	401	148	583	6,338	625	218
Yes, paid and subsistence	523	235	0	0	0	17	17	0	0	218	17	17
Yes, Subsistence only	96	35	0	9	0	17	0	0	0	35	0	0
No	6,276	3,612	159	125	245	87	253	130	191	1,249	191	35
Females												
Total	18,953	7,171	259	339	333	349	857	402	985	7,330	712	217
Yes, paid and no subsistence	8,515	2,415	74	126	158	149	341	158	515	4,170	314	95
Yes, paid and subsistence	419	227	0	0	0	17	0	0	17	122	17	17
Yes, Subsistence only	52	17	0	0	0	0	0	0	0	35	0	0
No	9,967	4,511	185	214	175	183	516	245	453	3,002	380	104
HOURS WORKED LAST WEEK												
Total	22,301	6,494	250	439	417	349	759	306	1,116	10,849	974	348
1 to 14 hours	208	95	8	0	0	0	17	0	17	70	0	0
14 to 34 hours	2,417	838	24	36	26	35	87	44	87	1,107	114	17
35 to 44 hours	18,748	5,326	217	376	364	270	646	218	976	9,252	807	296
More than 45 hours	928	235	0	27	26	44	9	44	35	420	52	35
Males												
Total	13,367	3,852	176	313	259	182	419	148	583	6,556	643	235
1 to 14 hours	121	78	8	0	0	0	0	0	0	35	0	0
14 to 34 hours	1,021	428	24	18	17	0	17	0	35	384	79	17
35 to 44 hours	11,691	3,216	143	278	224	148	392	130	514	5,936	528	183
More than 45 hours	534	130	0	18	17	35	9	17	35	202	35	35
Females												
Total	8,934	2,642	74	126	158	166	341	158	532	4,293	332	113
1 to 14 hours	87	17	0	0	0	0	17	0	17	35	0	0
14 to 34 hours	1,396	410	0	18	9	35	70	44	52	723	35	0
35 to 44 hours	7,056	2,110	74	99	140	122	254	87	462	3,316	279	113
More than 45 hours	394	105	0	9	9	9	0	26	0	219	17	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 55. Layoff / vacation, Look for work, Take job if available, Year when last worked, Sex and Class of worker by Birthplace, CNMI: 2016

Unemployment Class of worker	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Layoff / vacation												
Total	16,392	8,175	344	347	420	288	768	375	644	4,321	571	139
Yes, on layoff	95	70	0	0	0	0	0	0	0	26	0	0
Yes, vacation	882	332	17	0	35	0	35	52	43	349	17	0
No	15,414	7,774	327	347	385	288	733	323	601	3,946	553	139
Look for work												
Total	16,392	8,175	344	347	420	288	768	375	644	4,321	571	139
Yes	3,230	1,471	67	27	88	123	149	35	105	1,096	52	17
No	13,162	6,705	277	320	332	165	620	340	539	3,225	518	121
Take job if available												
Total	3,230	1,471	67	27	88	123	149	35	105	1,096	52	17
No	379	167	0	27	18	18	17	0	0	132	0	0
Yes	2,851	1,304	67	0	70	105	131	35	105	963	52	17
Year when last worked												
Total	16,392	8,175	344	347	420	288	768	375	644	4,321	571	139
2016	1,901	568	112	0	61	26	70	17	129	858	61	0
2015	1,088	391	16	27	0	35	35	0	70	437	51	26
2013-2014	940	355	8	9	17	35	52	0	52	411	0	0
2010-2012	1,221	636	24	27	0	9	0	87	0	376	61	0
2000-2009	2,597	1,028	33	80	79	61	148	105	122	872	52	17
Before 2000	1,335	567	34	124	52	0	140	95	0	270	52	0
Never Worked	7,309	4,630	117	80	211	122	323	70	270	1,097	293	95
CLASS OF WORKER												
Total	22,301	6,494	250	439	417	349	759	306	1,116	10,849	974	348
Private company	18,105	4,116	135	161	217	192	620	200	1,098	10,175	895	296
CNMI government	3,733	2,239	107	251	192	69	122	105	0	595	17	35
US/other government	254	96	0	27	9	70	0	0	0	52	0	0
Self-employed/working without pay	209	43	8	0	0	17	17	0	17	26	61	17
Males												
Total	13,367	3,852	176	313	259	182	419	148	583	6,556	643	235
Private company	11,164	2,616	109	107	181	87	331	78	583	6,288	599	183
CNMI government	1,880	1,149	58	188	69	25	70	70	0	216	0	35
US/other government	158	44	0	18	9	52	0	0	0	35	0	0
Self-employed/working without pay	165	43	8	0	0	17	17	0	0	17	44	17
Females												
Total	8,934	2,642	74	126	158	166	341	158	532	4,293	332	113
Private company	6,942	1,500	26	54	35	105	288	122	515	3,887	297	113
CNMI government	1,852	1,090	49	63	122	44	52	35	0	379	17	0
US/other government	96	52	0	9	0	17	0	0	0	17	0	0
Self-employed/working without pay	44	0	0	0	0	0	0	0	17	9	17	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 56. Sex and Paid work last year, Sex and Weeks of work last year, Sex and Usual hours of work last year by Birthplace, CNMI: 2016

	Total	Saipan/ N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Total	38,692	14,670	594	786	837	636	1,528	681	1,760	15,170	1,545	487
Paid work in 2015	22,002	6,209	353	403	434	392	663	306	1,157	10,808	928	348
No paid work in 2015	16,690	8,461	241	383	403	245	865	375	602	4,362	616	139
Males	19,740	7,499	335	447	504	287	671	278	774	7,840	833	270
Paid work in 2015	12,945	3,575	236	287	268	243	384	130	565	6,391	632	235
No paid work in 2015	6,794	3,924	99	161	236	44	288	148	210	1,449	202	35
Females	18,953	7,171	259	339	333	349	857	402	985	7,330	712	217
Paid work in 2015	9,057	2,634	117	117	166	149	280	175	593	4,417	297	113
No paid work in 2015	9,896	4,537	142	222	167	200	577	227	392	2,913	415	104
WEEKS OF WORK IN 2015												
Total	22,002	6,209	353	403	434	392	663	306	1,157	10,808	928	348
Less than 13 weeks	1,043	460	61	0	35	0	52	0	17	278	70	70
14 to 26 weeks	912	497	24	9	17	17	35	0	35	182	78	17
27 to 39 weeks	972	192	17	18	34	17	17	0	17	573	43	43
40 to 49 weeks	1,715	296	67	0	35	70	0	17	192	1,002	35	0
50 to 52 weeks	17,360	4,764	184	376	313	287	558	288	895	8,774	703	218
Males	12,945	3,575	236	287	268	243	384	130	565	6,391	632	235
Less than 13 weeks	634	243	61	0	17	0	35	0	17	191	35	35
14 to 26 weeks	555	305	16	9	8	0	17	0	0	139	43	17
27 to 39 weeks	539	122	0	9	8	17	17	0	17	330	17	0
40 to 49 weeks	1,017	139	42	0	17	70	0	17	122	592	17	0
50 to 52 weeks	10,199	2,766	117	269	217	156	314	113	408	5,138	519	183
Females	9,057	2,634	117	117	166	149	280	175	593	4,417	297	113
Less than 13 weeks	408	217	0	0	17	0	17	0	0	87	35	35
14 to 26 weeks	357	192	8	0	9	17	17	0	35	43	35	0
27 to 39 weeks	433	70	17	9	26	0	0	0	0	242	26	43
40 to 49 weeks	697	157	26	0	17	0	0	0	70	410	17	0
50 to 52 weeks	7,162	1,998	66	108	96	131	245	175	488	3,636	184	35
USUAL HOURS OF WORK IN 2015												
Total	22,002	6,209	353	403	434	392	663	306	1,157	10,808	928	348
1 to 14 hours	139	78	8	0	0	0	0	0	0	53	0	0
14 to 34 hours	1,938	567	34	45	26	35	87	9	87	951	61	35
35 to 44 hours	19,025	5,311	294	349	364	313	576	297	1,027	9,402	814	278
More than 45 hours	899	253	17	9	44	44	0	0	43	402	52	35
Males	12,945	3,575	236	287	268	243	384	130	565	6,391	632	235
1 to 14 hours	51	43	8	0	0	0	0	0	0	0	0	0
14 to 34 hours	769	280	34	27	17	0	35	0	17	297	44	17
35 to 44 hours	11,602	3,087	177	260	233	208	349	130	504	5,901	570	183
More than 45 hours	523	165	17	0	17	35	0	0	43	193	17	35
Females	9,057	2,634	117	117	166	149	280	175	593	4,417	297	113
1 to 14 hours	88	35	0	0	0	0	0	0	0	53	0	0
14 to 34 hours	1,169	287	0	18	9	35	52	9	70	654	17	17
35 to 44 hours	7,424	2,224	117	90	131	105	227	166	523	3,501	244	95
More than 45 hours	376	87	0	9	26	9	0	0	0	209	35	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 57. Wages, Total income, Persons in poverty by Birthplace, CNMI: 2016

Income Poverty	Total	Saipan/. N. Is.	Tinian	Rota	Guam	U.S.	FSM	Palau	China	Philip- pines	Other Asia	Else- where
Wages												
Total	38,997	14,861	610	813	837	636	1,528	681	1,760	15,222	1,562	487
No Wages	11,487	6,265	182	232	307	166	507	210	410	2,704	400	104
\$1 to \$4999	1,782	809	67	9	0	0	70	17	0	625	114	70
\$5000 to \$9999	3,878	1,109	24	71	60	17	87	70	175	2,127	102	35
\$10000 to \$11249	2,054	245	0	0	35	52	69	26	173	1,349	104	0
\$11250 to \$12499	5,156	848	26	53	95	70	226	61	444	3,102	206	26
\$12500 to \$13749	4,591	889	77	36	52	0	245	35	210	2,823	147	78
\$13750 to \$14999	5,950	1,290	128	63	52	26	262	70	288	3,478	215	78
\$15000 to \$17499	3,342	1,353	16	143	70	35	140	87	122	1,218	105	52
\$17500 to \$19999	4,901	1,667	33	179	105	52	254	131	253	1,932	227	70
\$20000 to \$24999	2,205	1,036	42	72	87	53	52	17	51	646	95	52
\$25000 to \$49999	2,949	1,411	100	134	104	181	35	87	122	591	131	52
\$50000 or more	689	427	8	0	26	70	35	17	17	17	70	0
Median	12,500	10,726	12,500	15,000	12,500	15,000	12,500	12,500	12,110	12,500	12,500	12,500
Mean	11,946	11,632	12,927	13,907	13,915	23,369	10,646	12,865	12,104	11,535	13,177	12,185
Total income												
Total	38,997	14,861	610	813	837	636	1,528	681	1,760	15,222	1,562	487
No income	9,352	5,036	89	179	236	131	455	70	375	2,347	330	104
\$1 to \$4999	2,586	1,281	102	26	35	17	105	70	17	713	149	70
\$5000 to \$9999	4,121	1,317	33	79	35	17	105	96	157	2,144	102	35
\$10000 to \$11249	2,108	332	0	0	35	52	34	26	165	1,368	95	0
\$11250 to \$12499	5,010	848	17	36	87	70	208	69	426	3,034	215	0
\$12500 to \$13749	4,182	750	69	36	61	0	175	0	227	2,674	121	70
\$13750 to \$14999	5,721	1,212	145	63	61	26	192	52	323	3,371	198	78
\$15000 to \$17499	3,234	1,169	16	116	52	35	122	70	105	1,349	122	78
\$17500 to \$19999	4,872	1,560	33	152	113	52	236	131	235	2,037	227	95
\$20000 to \$24999	2,405	969	58	89	87	44	70	52	51	837	95	52
\$25000 to \$49999	3,848	1,924	116	135	139	182	122	122	157	723	175	52
\$50000 or more	1,081	715	16	53	44	95	35	17	17	17	70	0
Median	12,500	11,742	13,139	15,000	12,627	16,145	12,500	15,000	12,425	12,500	12,500	13,750
Mean	13,252	13,729	15,904	17,686	15,960	28,176	11,804	16,152	12,425	11,947	14,246	12,563
Persons in poverty												
Total	53,506	26,804	881	1,467	1,143	931	1,702	681	1,812	15,777	1,699	609
Not in universe	1,870	594	43	71	52	9	130	17	140	699	114	0
Less than 50 percent	10,455	6,109	157	224	351	165	437	165	113	2,284	327	122
50 to 99 percent	18,320	8,974	115	322	209	269	673	105	663	6,258	570	164
100 to 124 percent	6,468	2,763	66	117	113	53	78	148	288	2,625	209	8
125 to 149 percent	4,473	1,913	201	108	122	8	166	52	210	1,379	86	227
150 percent or more	11,920	6,451	299	626	296	427	218	192	399	2,532	392	87

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 58. Sex and age5 by Citizenship, CNMI: 2016

Sex Age	Total	United States Citizen				Non-Citizen		
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total	53,890	33,219	29,606	2,405	1,208	20,671	3,317	17,354
Less than 5	3,792	3,689	3,567	122	0	104	0	104
5 to 9	5,267	4,945	4,622	306	17	322	70	252
10 to 14	5,164	4,749	4,515	225	9	416	122	293
15 to 19	4,928	4,362	4,099	254	9	566	35	531
20 to 24	3,341	2,941	2,801	140	0	400	70	330
25 to 29	2,790	1,953	1,734	183	35	837	87	750
30 to 34	2,462	1,341	1,131	158	52	1,121	191	930
35 to 39	3,459	1,392	1,201	156	35	2,067	287	1,779
40 to 44	4,429	1,353	1,013	157	183	3,077	390	2,687
45 to 49	4,737	1,298	1,106	96	96	3,439	496	2,943
50 to 54	4,887	1,569	1,204	227	138	3,317	469	2,848
55 to 59	3,451	1,132	836	140	156	2,320	383	1,937
60 to 64	2,640	1,149	879	79	191	1,491	314	1,176
65 to 74	1,872	877	662	121	95	995	332	663
75 and over	671	471	236	43	192	200	70	130
Median	33.4	18.7	17.6	29.3	56.0	47.1	49.1	46.7
Males	27,713	17,074	15,265	1,305	505	10,639	1,513	9,126
Less than 5	1,977	1,952	1,900	52	0	26	0	26
5 to 9	2,861	2,652	2,460	192	0	209	52	157
10 to 14	2,623	2,381	2,225	147	9	242	52	190
15 to 19	2,446	2,210	2,071	140	0	235	0	235
20 to 24	1,631	1,510	1,405	105	0	121	0	121
25 to 29	1,379	960	855	87	17	419	35	384
30 to 34	1,238	628	531	62	35	610	148	462
35 to 39	1,619	766	663	77	26	853	104	750
40 to 44	2,087	575	445	78	52	1,511	139	1,373
45 to 49	2,541	758	653	79	26	1,783	235	1,549
50 to 54	2,661	865	674	122	70	1,796	226	1,571
55 to 59	1,995	636	540	35	61	1,359	156	1,203
60 to 64	1,254	522	443	61	17	731	140	592
65 to 74	1,080	425	305	68	52	654	210	445
75 and over	322	235	95	0	139	87	17	70
Median	33.8	18.5	17.5	26.0	56.4	48.1	49.8	47.8
Females	26,177	16,145	14,341	1,101	703	10,032	1,804	8,228
Less than 5	1,815	1,737	1,667	70	0	78	0	78
5 to 9	2,406	2,293	2,162	114	17	113	17	95
10 to 14	2,541	2,368	2,290	78	0	173	70	104
15 to 19	2,482	2,152	2,028	114	9	331	35	296
20 to 24	1,710	1,431	1,396	35	0	279	70	209
25 to 29	1,411	993	879	96	17	419	52	366
30 to 34	1,224	713	600	96	17	511	43	468
35 to 39	1,840	626	538	79	9	1,213	184	1,030
40 to 44	2,343	778	568	79	131	1,565	251	1,314
45 to 49	2,196	540	453	17	69	1,655	261	1,394
50 to 54	2,225	704	531	105	69	1,521	243	1,278
55 to 59	1,456	496	295	105	95	961	227	733
60 to 64	1,386	627	436	17	173	759	175	585
65 to 74	793	452	356	52	43	341	122	219
75 and over	349	236	140	43	52	113	52	61
Median	33.0	18.9	17.6	32.3	55.7	46.0	48.4	45.6

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 59. Sex and Ethnic origin (principal) by Citizenship, CNMI: 2016

Ethnicity	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total	53,890	33,219	29,606	2,405	1,208	20,671	3,317	17,354
Chamorro	14,434	14,399	13,091	1,290	17	35	35	0
Carolinian	3,815	3,798	3,598	200	0	17	17	0
FSM	3,790	2,385	2,000	315	70	1,406	742	664
Palauan	1,564	1,013	944	52	17	550	297	253
Chinese	2,727	950	915	0	35	1,777	130	1,647
Filipino	24,174	9,351	8,406	69	876	14,823	1,801	13,022
Other Asian	2,274	759	566	17	175	1,515	251	1,264
Other	1,111	564	85	462	17	547	43	504
Males	27,713	17,074	15,265	1,305	505	10,639	1,513	9,126
Chamorro	7,494	7,459	6,807	634	17	35	35	0
Carolinian	1,912	1,912	1,790	122	0	0	0	0
FSM	1,816	1,162	899	228	35	654	410	244
Palauan	698	480	428	35	17	218	157	61
Chinese	1,218	426	409	0	17	792	52	739
Filipino	12,709	4,940	4,576	34	330	7,769	730	7,039
Other Asian	1,251	401	331	0	70	850	121	729
Other	616	294	24	252	17	321	8	313
Females	26,177	16,145	14,341	1,101	703	10,032	1,804	8,228
Chamorro	6,940	6,940	6,284	656	0	0	0	0
Carolinian	1,903	1,886	1,808	78	0	17	17	0
FSM	1,975	1,223	1,101	87	35	752	332	420
Palauan	865	533	516	17	0	332	140	193
Chinese	1,509	524	507	0	17	985	78	907
Filipino	11,465	4,411	3,830	35	546	7,054	1,071	5,983
Other Asian	1,023	358	236	17	105	665	130	535
Other	496	270	61	209	0	226	35	191

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 60. Sex and Birthplace by Citizenship, CNMI: 2016

Birthplace	Total	United States Citizen				Non-Citizen		
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total	53,890	33,219	29,606	2,405	1,208	20,671	3,317	17,354
Saipan	26,909	26,909	26,891	17	0	0	0	0
Tinian	881	881	881	0	0	0	0	0
Rota	1,467	1,467	1,458	9	0	0	0	0
N. Islands	175	175	175	0	0	0	0	0
Guam	1,143	1,143	17	1,125	0	0	0	0
U.S.	1,001	1,001	17	983	0	0	0	0
FSM	1,702	236	17	149	70	1,466	802	664
Palau	716	130	35	61	35	585	314	271
China	1,812	70	0	0	70	1,742	130	1,612
Korea	559	105	0	17	87	454	87	367
Philippines	15,812	989	95	17	876	14,823	1,801	13,022
Elsewhere	1,714	114	17	26	70	1,600	182	1,419
Males	27,713	17,074	15,265	1,305	505	10,639	1,513	9,126
Saipan	13,760	13,760	13,743	17	0	0	0	0
Tinian	524	524	524	0	0	0	0	0
Rota	805	805	805	0	0	0	0	0
N. Islands	105	105	105	0	0	0	0	0
Guam	687	687	0	687	0	0	0	0
U.S.	513	513	17	496	0	0	0	0
FSM	811	114	0	79	35	697	453	244
Palau	296	61	0	26	35	235	157	78
China	809	35	0	0	35	774	52	722
Korea	245	35	0	0	35	210	35	175
Philippines	8,169	400	70	0	330	7,769	730	7,039
Elsewhere	989	35	0	0	35	954	86	868
Females	26,177	16,145	14,341	1,101	703	10,032	1,804	8,228
Saipan	13,149	13,149	13,149	0	0	0	0	0
Tinian	357	357	357	0	0	0	0	0
Rota	662	662	653	9	0	0	0	0
N. Islands	70	70	70	0	0	0	0	0
Guam	455	455	17	438	0	0	0	0
U.S.	488	488	0	488	0	0	0	0
FSM	891	122	17	70	35	769	349	420
Palau	420	70	35	35	0	350	157	193
China	1,003	35	0	0	35	968	78	890
Korea	314	70	0	17	52	245	52	192
Philippines	7,643	589	26	17	546	7,054	1,071	5,983
Elsewhere	725	79	17	26	35	646	95	551

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 61. Sex and Year to area, Sex and Reason for migration by Citizenship, CNMI: 2016

	United States Citizen					Non-Citizen		
	Total	Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
YEAR ENTERED								
Total	24,285	3,614	0	2,405	1,208	20,671	3,317	17,354
2016	1,962	200	0	200	0	1,761	87	1,674
2015	1,369	200	0	165	35	1,169	140	1,029
2013-2014	1,491	176	0	141	35	1,315	210	1,106
2010-2012	591	277	0	251	26	314	87	227
2005-2009	2,559	411	0	367	44	2,148	233	1,915
2000-2004	2,960	368	0	307	61	2,591	295	2,296
1990-1999	8,841	564	0	260	304	8,278	1,282	6,996
1980-1989	3,457	772	0	347	425	2,685	843	1,842
Before 1980	1,055	645	0	367	279	410	140	270
Females								
Total	11,836	1,804	0	1,101	703	10,032	1,804	8,228
2016	976	105	0	105	0	871	52	819
2015	619	113	0	95	17	506	87	419
2013-2014	701	27	0	27	0	674	87	587
2010-2012	270	43	0	26	17	227	52	175
2005-2009	1,376	175	0	157	18	1,201	139	1,063
2000-2004	1,507	150	0	123	26	1,358	217	1,140
1990-1999	4,182	382	0	148	234	3,800	655	3,145
1980-1989	1,697	494	0	182	312	1,203	444	759
Before 1980	507	315	0	237	78	192	70	122
REASON FOR MIGRATION								
Total	24,285	3,614	0	2,405	1,208	20,671	3,317	17,354
Employment	17,010	1,130	0	331	799	15,880	1,938	13,942
Spouse of employed	1,138	217	0	122	95	921	157	764
Dependent of employed	1,953	590	0	511	78	1,363	192	1,171
Family subsistence	1,796	767	0	697	70	1,030	470	559
Family business	698	130	0	61	70	568	192	376
Visiting or vacation	873	130	0	87	43	743	297	446
Other reason	808	650	0	597	52	158	70	88
Males								
Total	12,449	1,809	0	1,305	505	10,639	1,513	9,126
Employment	9,384	495	0	191	304	8,889	946	7,943
Spouse of employed	208	95	0	78	17	113	35	78
Dependent of employed	910	329	0	303	26	581	70	511
Family subsistence	768	305	0	270	35	463	200	263
Family business	384	113	0	61	52	271	105	166
Visiting or vacation	349	104	0	70	35	245	122	122
Other reason	438	368	0	333	35	70	35	35
Females								
Total	11,836	1,804	0	1,101	703	10,032	1,804	8,228
Employment	7,626	635	0	139	495	6,991	992	6,000
Spouse of employed	930	122	0	44	78	808	122	686
Dependent of employed	1,043	260	0	208	52	782	122	660
Family subsistence	1,029	462	0	427	35	567	270	297
Family business	314	17	0	0	17	297	87	210
Visiting or vacation	524	26	0	17	8	499	175	324
Other reason	370	282	0	264	17	88	35	53

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 62. Mother's birth state, Father's Birthplace by Citizenship, CNMI: 2016

	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Mother's birth state								
Total	53,890	33,219	29,606	2,405	1,208	20,671	3,317	17,354
Saipan	14,678	14,591	13,642	914	35	87	87	0
Tinian	621	603	579	24	0	17	17	0
Rota	1,178	1,178	1,080	97	0	0	0	0
N. Islands	480	480	480	0	0	0	0	0
Guam	1,198	1,198	700	498	0	0	0	0
U.S.	636	636	175	462	0	0	0	0
FSM	3,750	2,353	2,074	227	52	1,396	733	664
Palau	1,730	1,145	1,075	52	17	585	314	271
China	2,770	1,028	976	0	52	1,742	113	1,629
Korea	724	270	165	17	87	454	87	367
Philippines	23,880	9,074	8,120	61	894	14,806	1,783	13,022
Elsewhere	2,245	662	540	52	70	1,583	182	1,401
Father's Birthplace								
Total	53,890	33,219	29,606	2,405	1,208	20,671	3,317	17,354
Saipan	14,610	14,505	13,792	713	0	105	70	35
Tinian	554	554	538	16	0	0	0	0
Rota	1,466	1,466	1,343	124	0	0	0	0
N. Islands	497	497	497	0	0	0	0	0
Guam	1,262	1,262	702	559	0	0	0	0
U.S.	818	801	297	504	0	17	0	17
FSM	3,924	2,527	2,247	193	87	1,396	750	646
Palau	1,683	1,098	1,003	78	17	585	314	271
China	2,545	785	733	0	52	1,760	130	1,629
Korea	690	236	131	17	87	454	87	367
Philippines	23,554	8,766	7,785	87	894	14,788	1,783	13,005
Elsewhere	2,287	722	538	114	70	1,565	182	1,384

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 63. Sex and School attendance, Sex and Educational attainment by Citizenship, CNMI: 2016

School attendance Educational attainment	Total	United States Citizen				Non-Citizen		
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total	53,890	33,219	29,606	2,405	1,208	20,671	3,317	17,354
No has not attended	38,796	19,367	16,626	1,603	1,138	19,429	3,082	16,347
Yes, public school or college	14,089	12,977	12,175	732	70	1,112	227	885
Yes, private school or college	1,006	875	805	70	0	130	8	122
 Males	27,713	17,074	15,265	1,305	505	10,639	1,513	9,126
No has not attended	20,164	10,132	8,802	852	478	10,031	1,418	8,613
Yes, public school or college	7,086	6,504	6,078	400	26	582	87	495
Yes, private school or college	463	437	385	53	0	26	8	17
 Females	26,177	16,145	14,341	1,101	703	10,032	1,804	8,228
No has not attended	18,632	9,235	7,824	751	660	9,397	1,664	7,733
Yes, public school or college	7,003	6,473	6,097	332	44	530	140	390
Yes, private school or college	543	438	420	17	0	105	0	105
 EDUCATIONAL ATTAINMENT								
Total, 25 years and over	31,398	12,534	10,002	1,359	1,173	18,864	3,020	15,844
Less than 9th grade	2,187	1,142	959	61	122	1,045	401	645
9th to 12th grade	3,592	2,351	2,116	123	113	1,240	340	900
High school graduate	12,783	4,952	4,171	443	338	7,831	914	6,917
Some college	4,085	1,780	1,326	279	175	2,305	460	1,845
AA - academic	2,348	313	243	35	35	2,035	209	1,826
AA - occupational	1,064	472	350	53	68	592	61	531
BA	4,642	1,052	549	216	287	3,590	601	2,989
MS PhD or Professional degree	697	471	288	148	35	226	35	191
Percent High School Graduate	81.6	72.1	69.3	86.4	80.0	87.9	75.5	90.2
Percent BA/BS or above	17.0	12.2	8.4	26.8	27.5	20.2	21.1	20.1
 Males	16,175	6,370	5,205	669	496	9,806	1,409	8,397
Less than 9th grade	1,011	506	445	9	52	505	208	297
9th to 12th grade	1,867	1,203	1,081	61	61	664	210	454
High school graduate	6,787	2,794	2,352	278	165	3,993	339	3,654
Some college	2,301	935	691	157	88	1,366	225	1,141
AA - academic	1,512	140	140	0	0	1,372	122	1,250
AA - occupational	471	183	131	26	26	288	35	253
BA	1,924	408	253	68	87	1,515	235	1,280
MS PhD or Professional degree	304	200	113	70	17	104	35	69
Percent High School Graduate	82.2	73.2	70.7	89.5	77.2	88.1	70.3	91.1
Percent BA/BS or above	13.8	9.5	7.0	20.6	21.0	16.5	19.2	16.1
 Females	15,222	6,164	4,797	690	677	9,058	1,611	7,447
Less than 9th grade	1,176	636	514	52	70	540	192	348
9th to 12th grade	1,725	1,149	1,035	61	52	576	130	446
High school graduate	5,996	2,158	1,819	166	173	3,838	575	3,263
Some college	1,784	845	635	123	87	939	235	704
AA - academic	837	173	104	35	35	663	87	576
AA - occupational	594	289	220	26	43	305	26	278
BA	2,718	644	296	148	200	2,075	365	1,709
MS PhD or Professional degree	393	271	175	78	17	122	0	122
Percent High School Graduate	80.9	71.1	67.7	83.5	82.0	87.7	80.0	89.3
Percent BA/BS or above	20.4	14.8	9.8	32.8	32.1	24.3	22.7	24.6

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 64. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Citizenship, CNMI: 2016

Same/Different house in 2011 Residence in 2011	Total	United States Citizen				Non-Citizen		
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total	50,098	29,531	26,039	2,284	1,208	20,568	3,317	17,250
Same house in 2011	28,315	18,614	16,701	1,063	850	9,700	1,802	7,898
Elsewhere in 2011	21,783	10,916	9,338	1,220	358	10,867	1,515	9,353
Males	25,736	15,122	13,365	1,253	505	10,614	1,513	9,100
Same house in 2011	14,466	9,425	8,513	591	321	5,041	809	4,232
Elsewhere in 2011	11,270	5,697	4,851	662	183	5,573	704	4,869
Females	24,362	14,409	12,674	1,031	703	9,954	1,804	8,150
Same house in 2011	13,849	9,189	8,188	473	529	4,660	993	3,666
Elsewhere in 2011	10,514	5,220	4,486	558	175	5,294	810	4,484
RESIDENCE IN 2011								
Total	50,098	29,531	26,039	2,284	1,208	20,568	3,317	17,250
Saipan	39,192	24,040	21,657	1,467	917	15,151	2,707	12,445
Tinian	3,313	2,206	1,968	140	98	1,107	146	961
Rota	2,183	1,540	1,315	126	99	644	45	599
Guam	503	459	231	210	17	44	35	9
U.S.	858	806	536	227	43	52	35	17
FSM	245	0	0	0	0	245	210	35
China	594	70	70	0	0	524	17	507
Korea	52	0	0	0	0	52	0	52
Philippines	2,500	296	243	17	35	2,204	87	2,116
Elsewhere	659	114	18	96	0	545	35	510
Males	25,736	15,122	13,365	1,253	505	10,614	1,513	9,100
Saipan	19,944	12,171	10,993	821	358	7,773	1,214	6,559
Tinian	1,811	1,210	1,080	98	33	601	81	520
Rota	1,109	779	671	63	45	330	9	321
Guam	312	278	137	123	17	35	35	0
U.S.	432	414	257	122	35	17	0	17
FSM	157	0	0	0	0	157	140	17
China	210	0	0	0	0	210	0	210
Korea	0	0	0	0	0	0	0	0
Philippines	1,419	226	208	0	17	1,193	17	1,176
Elsewhere	341	44	18	26	0	297	17	280
Females	24,362	14,409	12,674	1,031	703	9,954	1,804	8,150
Saipan	19,248	11,869	10,663	646	559	7,379	1,493	5,886
Tinian	1,502	996	889	43	65	505	65	440
Rota	1,074	761	644	63	54	313	36	278
Guam	190	181	94	87	0	9	0	9
U.S.	427	392	279	104	8	35	35	0
FSM	87	0	0	0	0	87	70	17
China	384	70	70	0	0	314	17	297
Korea	52	0	0	0	0	52	0	52
Philippines	1,080	70	35	17	17	1,010	70	941
Elsewhere	317	70	0	70	0	247	17	230

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 65a. Sex and Speak English at home, Sex and Language (non-English) spoken at home, Sex and Frequency of language other than English by Citizenship, CNMI: 2016

	Total	United States Citizen				Non-Citizen		
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total	50,098	29,531	26,039	2,284	1,208	20,568	3,317	17,250
Speak English only	12,511	11,326	9,932	1,238	156	1,185	391	793
Speak other language	37,587	18,204	16,107	1,046	1,052	19,383	2,926	16,457
Males	25,736	15,122	13,365	1,253	505	10,614	1,513	9,100
Speak English only	6,278	5,746	4,997	722	26	532	174	357
Speak other language	19,458	9,376	8,367	530	478	10,082	1,339	8,743
Females	24,362	14,409	12,674	1,031	703	9,954	1,804	8,150
Speak English only	6,233	5,580	4,935	516	130	653	217	436
Speak other language	18,129	8,828	7,739	515	573	9,301	1,587	7,714
Total, language spoken	50,098	29,531	26,039	2,284	1,208	20,568	3,317	17,250
English only	12,511	11,326	9,932	1,238	156	1,185	391	793
Chamorro	9,301	9,153	8,422	644	87	148	52	95
Carolinian	2,497	2,375	2,217	140	17	122	70	52
FSM language	1,991	978	821	122	35	1,013	558	455
Palauan	796	358	323	17	17	437	245	193
Chinese	2,135	540	488	0	52	1,594	105	1,489
Korean	734	262	157	0	105	472	87	384
Filipino	18,174	4,109	3,389	52	667	14,065	1,645	12,420
Other language	1,960	428	288	70	70	1,532	164	1,368
Males	25,736	15,122	13,365	1,253	505	10,614	1,513	9,100
English only	6,278	5,746	4,997	722	26	532	174	357
Chamorro	4,974	4,861	4,488	338	35	113	35	78
Carolinian	1,109	1,091	1,004	70	17	17	17	0
FSM language	934	454	367	70	17	479	313	166
Palauan	419	245	210	17	17	175	122	52
Chinese	940	218	183	0	35	722	52	670
Korean	367	140	105	0	35	227	35	192
Filipino	9,621	2,166	1,863	17	286	7,455	695	6,760
Other language	1,095	201	149	17	35	894	69	825
Females	24,362	14,409	12,674	1,031	703	9,954	1,804	8,150
English only	6,233	5,580	4,935	516	130	653	217	436
Chamorro	4,327	4,292	3,934	306	52	35	17	17
Carolinian	1,388	1,283	1,214	70	0	105	52	52
FSM language	1,057	524	454	52	17	533	245	288
Palauan	376	114	114	0	0	263	122	140
Chinese	1,195	323	305	0	17	872	52	820
Korean	367	122	52	0	70	245	52	192
Filipino	8,553	1,943	1,526	35	382	6,611	950	5,661
Other language	865	227	140	52	35	638	95	543

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 65b. Sex and Speak English at home, Sex and Language (non-English) spoken at home, Sex and Frequency of language other than English by Citizenship, CNMI: 2016

	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total, frequency of English	50,098	29,531	26,039	2,284	1,208	20,568	3,317	17,250
Yes, more frequently than English	23,885	8,232	7,309	313	610	15,653	2,065	13,588
Both equally often	9,544	6,844	6,227	330	287	2,699	539	2,161
No less frequently than English	3,975	3,067	2,545	402	120	908	322	586
Doesn't speak English	183	61	26	0	35	122	0	122
Speaks English only	12,511	11,326	9,932	1,238	156	1,185	391	793
 Males	25,736	15,122	13,365	1,253	505	10,614	1,513	9,100
Yes, more frequently than English	12,783	4,403	3,934	156	314	8,380	975	7,405
Both equally often	4,657	3,400	3,149	156	95	1,257	234	1,023
No less frequently than English	1,948	1,520	1,267	218	35	428	130	297
Doesn't speak English	70	52	17	0	35	17	0	17
Speaks English only	6,278	5,746	4,997	722	26	532	174	357
 Females	24,362	14,409	12,674	1,031	703	9,954	1,804	8,150
Yes, more frequently than English	11,102	3,829	3,375	157	296	7,273	1,090	6,183
Both equally often	4,887	3,444	3,078	174	192	1,443	305	1,138
No less frequently than English	2,027	1,547	1,277	184	85	480	192	289
Doesn't speak English	113	8	8	0	0	105	0	105
Speaks English only	6,233	5,580	4,935	516	130	653	217	436

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 66. Sex and Tobacco, Sex and Chew Tobacco or betel nut by Citizenship, CNMI: 2016

Tobacco Tobacco chewing	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total, tobacco use	50,098	29,531	26,039	2,284	1,208	20,568	3,317	17,250
No days	41,327	24,469	21,718	1,681	1,069	16,858	2,823	14,036
1 to 7 days	462	200	174	26	0	263	17	245
8 to 14 days	409	262	244	18	0	148	8	139
15 to 28 days	591	330	312	17	0	261	17	244
29 or 30 days	7,308	4,270	3,589	541	139	3,038	451	2,587
Males	25,736	15,122	13,365	1,253	505	10,614	1,513	9,100
No days	19,420	11,985	10,733	869	383	7,435	1,149	6,286
1 to 7 days	297	52	44	8	0	245	17	228
8 to 14 days	296	166	148	18	0	130	8	122
15 to 28 days	409	217	200	17	0	191	0	191
29 or 30 days	5,313	2,701	2,240	340	122	2,612	338	2,274
Females	24,362	14,409	12,674	1,031	703	9,954	1,804	8,150
No days	21,907	12,484	10,985	813	686	9,423	1,673	7,750
1 to 7 days	165	148	130	17	0	17	0	17
8 to 14 days	113	96	96	0	0	17	0	17
15 to 28 days	182	113	113	0	0	70	17	52
29 or 30 days	1,994	1,569	1,350	201	17	426	113	313
Total, chew tobacco	50,098	29,531	26,039	2,284	1,208	20,568	3,317	17,250
No days	42,521	23,105	20,102	1,865	1,138	19,416	2,759	16,656
1 to 7 days	357	262	235	26	0	95	35	61
8 to 14 days	305	244	174	70	0	61	43	17
15 to 28 days	543	543	508	35	0	0	0	0
29 or 30 days	6,373	5,377	5,020	287	70	996	480	516
Males	25,736	15,122	13,365	1,253	505	10,614	1,513	9,100
No days	21,363	11,324	9,907	948	470	10,039	1,200	8,839
1 to 7 days	183	122	105	17	0	61	17	43
8 to 14 days	174	166	104	61	0	8	8	0
15 to 28 days	315	315	297	17	0	0	0	0
29 or 30 days	3,701	3,195	2,951	209	35	506	288	219
Females	24,362	14,409	12,674	1,031	703	9,954	1,804	8,150
No days	21,158	11,781	10,195	917	669	9,377	1,559	7,818
1 to 7 days	174	139	130	9	0	35	17	17
8 to 14 days	131	78	70	9	0	52	35	17
15 to 28 days	228	228	210	17	0	0	0	0
29 or 30 days	2,672	2,182	2,069	78	35	490	192	297

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 67. Sex and Any active duty, Sex and Class of worker by Citizenship, CNMI: 2016

Military Class of worker	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total, 16 years and over	38,692	18,993	16,137	1,674	1,182	19,699	3,125	16,574
Active duty now	61	61	44	0	17	0	0	0
Previous active duty	584	461	278	183	0	122	17	105
Reserves or National Guard	226	191	156	0	35	35	35	0
No	37,822	18,280	15,659	1,491	1,129	19,542	3,072	16,470
Males	19,740	9,655	8,298	861	496	10,084	1,409	8,676
Active duty now	0	0	0	0	0	0	0	0
Previous active duty	461	409	226	183	0	52	0	52
Reserves or National Guard	173	156	139	0	17	17	17	0
No	19,105	9,090	7,934	678	478	10,014	1,391	8,623
Females	18,953	9,338	7,839	813	686	9,615	1,716	7,899
Active duty now	61	61	44	0	17	0	0	0
Previous active duty	122	52	52	0	0	70	17	52
Reserves or National Guard	52	35	17	0	17	17	17	0
No	18,717	9,189	7,725	813	651	9,528	1,681	7,846
CLASS OF WORKER								
Total	22,301	8,783	7,236	862	685	13,518	2,001	11,517
Private company	18,105	5,387	4,447	470	470	12,719	1,726	10,993
CNMI government	3,733	3,108	2,615	296	198	625	250	375
US/other government	254	219	123	79	17	35	0	35
Self-employed/working without pay	209	69	51	17	0	140	26	114
Males	13,367	5,096	4,359	476	261	8,271	1,069	7,202
Private company	11,164	3,345	2,850	286	209	7,819	914	6,905
CNMI government	1,880	1,542	1,395	112	35	338	147	192
US/other government	158	141	62	61	17	17	0	17
Self-employed/working without pay	165	69	51	17	0	96	8	88
Females	8,934	3,686	2,877	385	424	5,247	933	4,315
Private company	6,942	2,042	1,597	184	261	4,900	812	4,088
CNMI government	1,852	1,566	1,219	184	163	286	103	183
US/other government	96	78	61	17	0	17	0	17
Self-employed/working without pay	44	0	0	0	0	44	17	26

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 68. Sex and Work last week, Sex and Hours of work last week by Citizenship, CNMI: 2016

Work last week	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Hours worked last week								
Total, 16 years and over	38,692	18,993	16,137	1,674	1,182	19,699	3,125	16,574
Yes, paid and no subsistence	21,359	8,233	6,773	827	633	13,126	1,958	11,168
Yes, paid and subsistence	942	550	462	35	52	392	43	349
Yes, Subsistence only	149	79	61	17	0	70	0	70
No	16,243	10,132	8,840	795	497	6,111	1,124	4,987
Males	19,740	9,655	8,298	861	496	10,084	1,409	8,676
Yes, paid and no subsistence	12,844	4,826	4,124	459	243	8,018	1,043	6,975
Yes, paid and subsistence	523	270	235	17	17	253	26	227
Yes, Subsistence only	96	61	44	17	0	35	0	35
No	6,276	4,498	3,895	367	235	1,778	340	1,438
Females	18,953	9,338	7,839	813	686	9,615	1,716	7,899
Yes, paid and no subsistence	8,515	3,407	2,650	368	389	5,108	915	4,193
Yes, paid and subsistence	419	280	227	17	35	140	17	122
Yes, Subsistence only	52	17	17	0	0	35	0	35
No	9,967	5,634	4,945	428	262	4,333	784	3,549
Total, hours worked	22,301	8,783	7,236	862	685	13,518	2,001	11,517
1 to 14 hours	208	121	104	0	17	87	0	87
14 to 34 hours	2,417	994	898	61	35	1,423	235	1,188
35 to 44 hours	18,748	7,291	5,954	730	607	11,456	1,748	9,708
More than 45 hours	928	376	280	70	26	552	17	534
Males	13,367	5,096	4,359	476	261	8,271	1,069	7,202
1 to 14 hours	121	86	86	0	0	35	0	35
14 to 34 hours	1,021	514	471	17	26	506	61	446
35 to 44 hours	11,691	4,277	3,654	406	217	7,414	991	6,423
More than 45 hours	534	218	148	52	17	315	17	298
Females	8,934	3,686	2,877	385	424	5,247	933	4,315
1 to 14 hours	87	35	17	0	17	52	0	52
14 to 34 hours	1,396	480	428	44	8	916	175	742
35 to 44 hours	7,056	3,014	2,300	324	390	4,042	758	3,285
More than 45 hours	394	158	131	18	9	236	0	236

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 69. Layoff / vacation, Look for work, Take job if available, Year when last worked by Citizenship, CNMI: 2016

Not working	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Layoff / vacation								
Total	16,392	10,211	8,902	812	497	6,181	1,124	5,057
Yes, on layoff	95	70	70	0	0	26	0	26
Yes, vacation	882	437	349	35	52	445	70	375
No	15,414	9,704	8,482	777	444	5,711	1,054	4,657
Look for work								
Total	16,392	10,211	8,902	812	497	6,181	1,124	5,057
Yes	3,230	1,811	1,565	211	35	1,419	140	1,279
No	13,162	8,400	7,336	602	462	4,762	984	3,778
Take job if available								
Total	3,230	1,811	1,565	211	35	1,419	140	1,279
No	379	229	194	36	0	150	0	150
Yes	2,851	1,581	1,372	175	35	1,269	140	1,130
Year when last worked								
Total	16,392	10,211	8,902	812	497	6,181	1,124	5,057
2016	1,901	818	680	86	52	1,083	139	944
2015	1,088	495	434	35	26	593	78	515
2013-2014	940	443	372	70	0	498	35	463
2010-2012	1,221	723	687	9	26	499	157	341
2000-2009	2,597	1,438	1,141	157	140	1,159	323	837
Before 2000	1,335	943	743	87	113	392	105	288
Never Worked	7,309	5,352	4,844	368	139	1,957	288	1,670

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 70. Sex and Paid work last year, Sex and Weeks of work last year, Sex and Usual hours of work last year by Citizenship, CNMI: 2016

	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Total	38,692	18,993	16,137	1,674	1,182	19,699	3,125	16,574
Paid work in 2015	22,002	8,668	7,018	904	746	13,334	1,930	11,405
No paid work in 2015	16,690	10,325	9,119	770	436	6,365	1,195	5,170
Males	19,740	9,655	8,298	861	496	10,084	1,409	8,676
Paid work in 2015	12,945	4,965	4,115	546	304	7,980	1,051	6,929
No paid work in 2015	6,794	4,690	4,183	315	192	2,104	358	1,746
Females	18,953	9,338	7,839	813	686	9,615	1,716	7,899
Paid work in 2015	9,057	3,703	2,903	359	442	5,354	878	4,475
No paid work in 2015	9,896	5,635	4,936	454	244	4,261	838	3,423
Total, weeks worked in 2015	22,002	8,668	7,018	904	746	13,334	1,930	11,405
Less than 13 weeks	1,043	590	520	35	35	452	52	400
14 to 26 weeks	912	574	530	35	9	338	35	304
27 to 39 weeks	972	304	228	69	8	668	78	590
40 to 49 weeks	1,715	546	363	105	78	1,169	191	978
50 to 52 weeks	17,360	6,653	5,376	661	616	10,707	1,573	9,134
Males	12,945	4,965	4,115	546	304	7,980	1,051	6,929
Less than 13 weeks	634	321	304	17	0	313	17	295
14 to 26 weeks	555	347	330	8	9	208	0	208
27 to 39 weeks	539	174	131	43	0	365	35	330
40 to 49 weeks	1,017	311	180	87	43	707	113	594
50 to 52 weeks	10,199	3,811	3,170	390	252	6,387	886	5,502
Females	9,057	3,703	2,903	359	442	5,354	878	4,475
Less than 13 weeks	408	269	217	17	35	139	35	104
14 to 26 weeks	357	227	200	26	0	130	35	95
27 to 39 weeks	433	130	96	26	8	303	43	260
40 to 49 weeks	697	235	183	17	35	462	78	384
50 to 52 weeks	7,162	2,842	2,207	272	364	4,320	687	3,632
Total, usual hours worked	22,002	8,668	7,018	904	746	13,334	1,930	11,405
1 to 14 hours	139	86	86	0	0	53	0	53
14 to 34 hours	1,938	759	646	61	52	1,179	157	1,022
35 to 44 hours	19,025	7,403	6,007	755	642	11,622	1,737	9,885
More than 45 hours	899	419	279	88	52	480	35	445
Males	12,945	4,965	4,115	546	304	7,980	1,051	6,929
1 to 14 hours	51	51	51	0	0	0	0	0
14 to 34 hours	769	393	341	17	35	376	35	341
35 to 44 hours	11,602	4,251	3,540	476	234	7,351	999	6,352
More than 45 hours	523	270	183	52	35	253	17	236
Females	9,057	3,703	2,903	359	442	5,354	878	4,475
1 to 14 hours	88	35	35	0	0	53	0	53
14 to 34 hours	1,169	367	305	44	17	803	122	680
35 to 44 hours	7,424	3,153	2,466	279	407	4,271	739	3,532
More than 45 hours	376	149	96	35	17	227	17	210

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 71. Wages, Total income, Persons in poverty by Citizenship, CNMI: 2016

	Total	United States Citizen			Non-Citizen			
		Total	CNMI-born	US-born	Naturalized	Total	Green card	Other
Wages								
Total	38,997	19,228	16,363	1,683	1,182	19,769	3,125	16,644
No Wages	11,487	7,536	6,688	552	297	3,951	619	3,332
\$1 to \$4999	1,782	938	886	0	52	844	105	739
\$5000 to \$9999	3,878	1,341	1,204	86	51	2,537	367	2,170
\$10000 to \$11249	2,054	349	245	87	17	1,704	129	1,575
\$11250 to \$12499	5,156	1,186	926	183	77	3,969	485	3,484
\$12500 to \$13749	4,591	1,202	1,019	70	114	3,389	530	2,858
\$13750 to \$14999	5,950	1,744	1,498	96	149	4,206	678	3,528
\$15000 to \$17499	3,342	1,799	1,512	157	130	1,542	314	1,228
\$17500 to \$19999	4,901	2,330	1,878	236	216	2,572	462	2,110
\$20000 to \$24999	2,205	1,412	1,150	140	122	794	130	663
\$25000 to \$49999	2,949	2,157	1,680	294	183	791	208	583
\$50000 or more	689	584	453	96	35	105	70	35
Median	12,500	12,371	11,475	13,057	14,401	12,500	12,500	12,394
Mean	11,946	12,518	11,875	16,884	15,010	11,456	12,943	11,183
Total income								
Total	38,997	19,228	16,363	1,683	1,182	19,769	3,125	16,644
No income	9,352	5,846	5,295	411	139	3,506	514	2,992
\$1 to \$4999	2,586	1,576	1,427	70	78	1,010	122	888
\$5000 to \$9999	4,121	1,559	1,429	52	78	2,562	384	2,178
\$10000 to \$11249	2,108	454	332	87	35	1,653	112	1,542
\$11250 to \$12499	5,010	1,152	901	183	69	3,858	477	3,381
\$12500 to \$13749	4,182	1,046	872	78	96	3,136	400	2,736
\$13750 to \$14999	5,721	1,673	1,438	104	131	4,048	591	3,457
\$15000 to \$17499	3,234	1,570	1,301	139	130	1,664	279	1,385
\$17500 to \$19999	4,872	2,213	1,745	261	207	2,659	445	2,214
\$20000 to \$24999	2,405	1,447	1,116	131	200	958	191	767
\$25000 to \$49999	3,848	2,785	2,210	330	245	1,063	331	732
\$50000 or more	1,081	976	802	139	35	105	70	35
Median	12,500	12,500	12,500	15,000	15,000	12,500	12,500	12,500
Mean	13,252	14,826	14,080	19,981	17,480	11,913	14,032	11,541
Persons in poverty								
Total	53,506	32,870	29,326	2,335	1,208	20,636	3,317	17,319
Not in universe	1,870	821	708	61	51	1,049	130	919
Less than 50 percent	10,455	7,162	6,560	524	78	3,293	567	2,726
50 to 99 percent	18,320	10,245	9,428	565	252	8,075	1,021	7,055
100 to 124 percent	6,468	3,260	2,963	165	131	3,208	555	2,653
125 to 149 percent	4,473	2,542	2,222	182	138	1,930	278	1,652
150 percent or more	11,920	8,840	7,445	837	558	3,080	765	2,315

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 72. Sex and age5 15+ by Educational attainment, CNMI: 2016

Sex Age	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
25 to 29	2,790	52	366	1,238	488	165	87	341	52	85.0	14.1
30 to 34	2,462	131	385	1,083	254	191	96	269	52	79.0	13.0
35 to 39	3,459	166	409	1,244	460	236	96	637	210	83.3	24.5
40 to 44	4,429	226	367	2,008	489	332	244	713	52	86.7	17.3
45 to 49	4,737	149	419	2,016	730	464	210	690	61	88.1	15.9
50 to 54	4,887	260	488	2,031	802	358	139	703	105	84.7	16.5
55 to 59	3,451	217	446	1,342	392	314	35	653	52	80.8	20.4
60 to 64	2,640	235	330	1,140	280	201	87	349	17	78.6	13.9
65 to 74	1,872	524	260	506	156	87	70	217	52	58.1	14.4
75 and over	671	228	121	174	35	0	0	70	43	48.0	16.8
Median	47.7	57.5	48.2	47.0	47.4	47.7	45.2	47.6	43.3	...	...
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
25 to 29	1,379	26	262	672	183	140	35	35	26	79.1	4.4
30 to 34	1,238	44	219	574	114	95	52	104	35	78.7	11.2
35 to 39	1,619	79	209	703	217	114	35	209	52	82.1	16.1
40 to 44	2,087	113	140	998	236	157	52	382	8	87.8	18.7
45 to 49	2,541	96	244	972	416	332	131	323	26	86.6	13.7
50 to 54	2,661	130	262	1,073	568	262	52	279	35	85.3	11.8
55 to 59	1,995	95	280	801	270	210	35	251	52	81.2	15.2
60 to 64	1,254	95	87	557	157	131	43	165	17	85.3	14.5
65 to 74	1,080	245	95	340	122	70	35	139	35	68.6	16.1
75 and over	322	87	69	96	17	0	0	35	17	51.2	16.1
Median	48.5	55.9	47.1	47.3	49.8	48.8	47.3	48.6	50.8	...	...
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
25 to 29	1,411	26	104	566	305	26	52	306	26	90.8	23.5
30 to 34	1,224	87	166	509	139	95	44	165	17	79.2	14.9
35 to 39	1,840	87	200	541	243	122	61	428	157	84.3	31.8
40 to 44	2,343	113	227	1,010	253	174	192	331	44	85.5	16.0
45 to 49	2,196	52	175	1,044	314	131	78	366	35	89.6	18.3
50 to 54	2,225	130	226	959	234	95	87	424	70	84.0	22.2
55 to 59	1,456	121	166	540	122	105	0	401	0	80.2	27.5
60 to 64	1,386	140	243	584	122	70	44	184	0	72.4	13.3
65 to 74	793	279	165	166	35	17	35	78	17	43.9	12.0
75 and over	349	140	52	78	17	0	0	35	26	44.7	17.5
Median	46.8	58.8	49.7	46.8	44.1	45.0	43.6	46.8	39.9	...	...

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 73. Sex and Birthplace by Educational attainment, CNMI: 2016

Birthplace	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Saipan	8,655	785	2,005	3,441	1,150	235	297	497	245	67.8	8.6
Tinian	468	42	58	294	16	8	8	34	8	78.6	9.0
Rota	616	44	35	331	125	0	45	18	17	87.0	5.7
N. Islands	175	87	0	70	17	0	0	0	0	49.7	0.0
Guam	627	26	123	199	148	17	26	61	26	76.1	13.9
U.S.	532	0	0	122	123	0	26	138	122	99.8	48.9
FSM	1,370	200	367	533	148	17	35	52	17	58.5	5.0
Palau	698	87	140	279	35	35	43	79	0	67.5	11.3
China	1,655	175	157	1,043	157	52	17	35	17	79.8	3.1
Korea	507	0	0	245	35	87	0	140	0	100.0	27.6
Philippines	14,751	611	610	5,561	2,035	1,755	548	3,466	165	91.7	24.6
Elsewhere	1,344	129	97	665	96	140	17	122	78	83.2	14.9
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
Saipan	4,473	384	1,056	1,898	559	140	105	245	87	67.8	7.4
Tinian	251	26	16	177	8	0	8	8	8	83.3	6.4
Rota	358	0	9	224	89	0	18	0	17	97.2	4.7
N. Islands	105	35	0	52	17	0	0	0	0	65.7	0.0
Guam	330	9	61	138	86	0	0	17	17	78.2	10.3
U.S.	270	0	0	70	70	0	26	51	52	99.6	38.1
FSM	654	95	210	253	26	17	35	17	0	53.2	2.6
Palau	296	17	87	113	0	35	8	35	0	64.5	11.8
China	722	70	52	495	35	17	17	17	17	82.8	4.7
Korea	227	0	0	87	35	35	0	70	0	100.0	30.8
Philippines	7,700	314	305	2,854	1,341	1,162	253	1,410	61	92.0	19.1
Elsewhere	790	60	70	424	35	105	0	52	43	83.4	12.0
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
Saipan	4,182	401	950	1,542	591	95	193	253	157	67.7	9.8
Tinian	217	16	42	117	8	8	0	26	0	73.3	12.0
Rota	258	44	26	107	36	0	27	18	0	72.9	7.0
N. Islands	70	52	0	17	0	0	0	0	0	24.3	0.0
Guam	297	17	61	61	61	17	26	43	9	73.1	17.5
U.S.	262	0	0	52	52	0	0	87	70	99.6	59.9
FSM	716	105	157	280	122	0	0	35	17	63.4	7.3
Palau	402	70	52	166	35	0	35	44	0	69.7	10.9
China	933	105	105	548	122	35	0	17	0	77.4	1.8
Korea	280	0	0	157	0	52	0	70	0	99.6	25.0
Philippines	7,051	297	305	2,706	694	593	295	2,056	105	91.5	30.6
Elsewhere	554	69	26	241	61	35	17	70	35	82.9	19.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 74. Sex and Citizenship, Year to area, Reason for migration by Educational attainment, CNMI: 2016

Citizenship Year and reason for entry	Total	Less than 9 th grade	9 th to 12 th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS +
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
U.S. Citizen	12,534	1,142	2,351	4,952	1,780	313	472	1,052	471	72.1	12.2
Born in CNMI	10,002	959	2,116	4,171	1,326	243	350	549	288	69.3	8.4
Born in U.S./territory or parents	1,359	61	123	443	279	35	53	216	148	86.4	26.8
Naturalized U.S. citizen	1,173	122	113	338	175	35	68	287	35	80.0	27.5
Noncitizen	18,864	1,045	1,240	7,831	2,305	2,035	592	3,590	226	87.9	20.2
Noncitizen Green card	3,020	401	340	914	460	209	61	601	35	75.5	21.1
Other noncitizen	15,844	645	900	6,917	1,845	1,826	531	2,989	191	90.2	20.1
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
U.S. Citizen	6,370	506	1,203	2,794	935	140	183	408	200	73.2	9.5
Born in CNMI	5,205	445	1,081	2,352	691	140	131	253	113	70.7	7.0
Born in U.S./territory or parents	669	9	61	278	157	0	26	68	70	89.5	20.6
Naturalized U.S. citizen	496	52	61	165	88	0	26	87	17	77.2	21.0
Noncitizen	9,806	505	664	3,993	1,366	1,372	288	1,515	104	88.1	16.5
Noncitizen Green card	1,409	208	210	339	225	122	35	235	35	70.3	19.2
Other noncitizen	8,397	297	454	3,654	1,141	1,250	253	1,280	69	91.1	16.1
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
U.S. Citizen	6,164	636	1,149	2,158	845	173	289	644	271	71.1	14.8
Born in CNMI	4,797	514	1,035	1,819	635	104	220	296	175	67.7	9.8
Born in U.S./territory or parents	690	52	61	166	123	35	26	148	78	83.5	32.8
Naturalized U.S. citizen	677	70	52	173	87	35	43	200	17	82.0	32.1
Noncitizen	9,058	540	576	3,838	939	663	305	2,075	122	87.7	24.3
Noncitizen Green card	1,611	192	130	575	235	87	26	365	0	80.0	22.7
Other noncitizen	7,447	348	446	3,263	704	576	278	1,709	122	89.3	24.6
Year to area											
Total	21,396	1,229	1,476	8,612	2,759	2,105	714	4,093	409	87.4	21.0
2016	1,441	53	0	567	157	192	87	314	70	96.3	26.6
2015	872	44	0	366	122	87	17	210	26	95.0	27.1
2013-2014	841	69	9	327	96	105	26	165	44	90.7	24.9
2010-2012	278	35	43	122	0	17	0	43	17	71.6	21.6
2005-2009	2,140	70	140	789	295	157	96	471	122	90.2	27.7
2000-2004	2,618	35	165	993	321	410	122	546	26	92.4	21.8
1990-1999	8,693	356	621	3,662	1,071	1,040	226	1,665	52	88.8	19.8
1980-1989	3,457	392	341	1,402	609	79	78	521	35	78.8	16.1
Before 1980	1,055	175	157	384	87	17	60	157	17	68.4	16.5
Reason for migration											
Total	21,396	1,229	1,476	8,612	2,759	2,105	714	4,093	409	87.4	21.0
Employment	16,784	809	907	6,791	2,166	1,922	583	3,293	313	89.8	21.5
Spouse of employed	1,096	95	52	434	113	87	35	218	61	86.5	25.5
Dependent of employed	591	35	96	191	61	0	43	130	35	77.8	27.9
Family subsistence	1,141	166	184	505	122	26	0	139	0	69.4	12.2
Family business	524	35	70	262	52	17	17	70	0	79.8	13.4
Visiting or vacation	768	79	122	245	131	52	17	121	0	73.7	15.8
Other reason	483	9	44	185	114	0	18	114	0	89.2	23.6

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 75. Mother's birth state, Father's Birthplace, School attendance by Educational attainment. CNMI: 2016

	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Mother's birth state											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Saipan	7,019	741	1,498	2,896	845	122	253	470	192	68.1	9.4
Tinian	335	43	51	200	16	8	0	16	0	71.6	4.8
Rota	855	53	87	449	187	0	27	18	35	83.7	6.2
N. Islands	462	87	148	105	35	17	17	35	17	48.9	11.3
Guam	386	26	79	158	44	35	18	0	26	72.8	6.7
U.S.	392	0	17	52	105	0	26	86	104	95.2	48.5
FSM	1,845	235	497	721	226	35	35	70	26	60.3	5.2
Palau	1,127	70	280	437	140	35	70	96	0	69.0	8.5
China	1,637	175	157	1,043	157	35	17	35	17	79.7	3.2
Korea	515	0	0	270	35	105	0	105	0	100.0	20.4
Philippines	15,403	629	680	5,752	2,208	1,816	583	3,536	200	91.5	24.3
Elsewhere	1,423	129	97	700	87	140	17	175	78	84.1	17.8
Father's Birthplace											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Saipan	6,747	601	1,474	2,736	879	157	245	462	192	69.2	9.7
Tinian	284	26	59	174	8	0	9	8	0	70.1	2.8
Rota	986	97	139	475	169	0	54	35	17	76.1	5.3
N. Islands	479	70	122	148	87	35	0	17	0	59.9	3.5
Guam	500	79	87	219	53	17	0	17	26	66.4	8.6
U.S.	496	0	52	130	61	0	26	103	122	89.1	45.4
FSM	1,827	278	470	723	191	17	61	61	26	59.1	4.8
Palau	1,012	87	200	393	130	35	52	114	0	71.5	11.3
China	1,655	175	157	1,061	157	35	17	35	17	79.9	3.1
Korea	507	0	0	245	35	105	0	122	0	100.0	24.1
Philippines	15,395	646	732	5,718	2,200	1,807	583	3,510	200	91.1	24.1
Elsewhere	1,511	129	97	761	114	140	17	157	95	85.0	16.7
School attendance											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
No has not attended	30,947	2,187	3,592	12,697	3,903	2,348	1,047	4,529	644	81.3	16.7
Yes, public school or college	390	0	0	86	147	0	17	87	52	99.7	35.6
Yes, private school or college	61	0	0	0	35	0	0	26	0	100.0	42.6

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 76. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Educational attainment, CNMI: 2016

	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Yes, this house	18,246	1,471	2,364	7,339	2,508	1,083	653	2,446	383	79.0	15.5
No elsewhere	13,151	716	1,228	5,444	1,577	1,265	411	2,196	314	85.2	19.1
Total	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
Yes, this house	9,352	714	1,177	3,811	1,430	707	269	1,087	156	79.8	13.3
No elsewhere	6,823	298	689	2,976	871	804	201	837	148	85.5	14.4
Total	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
Yes, this house	8,894	757	1,186	3,528	1,078	375	384	1,359	227	78.2	17.8
No elsewhere	6,328	419	539	2,468	705	461	210	1,360	166	84.9	24.1
RESIDENCE IN 2015											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Saipan	24,687	1,912	3,222	9,841	3,170	1,826	742	3,502	472	79.2	16.1
Tinian	1,765	99	106	922	262	49	74	221	33	88.4	14.4
Rota	1,476	36	125	680	251	107	117	152	9	89.2	10.9
Guam	262	44	104	44	17	0	0	35	17	43.1	19.8
U.S.	574	0	8	261	113	17	26	121	26	98.3	25.6
FSM	122	17	0	87	0	17	0	0	0	85.2	0.0
China	419	17	17	280	35	35	0	35	0	91.9	8.4
Korea	35	0	0	35	0	0	0	0	0	100.0	0.0
Philippines	1,631	9	0	504	201	280	87	532	17	99.4	33.7
Elsewhere	426	53	9	128	35	17	17	44	122	85.2	39.0
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
Saipan	12,681	899	1,694	5,152	1,764	1,145	332	1,485	210	79.6	13.4
Tinian	892	33	41	483	139	16	42	114	24	91.7	15.5
Rota	787	9	62	385	170	89	18	54	0	91.0	6.9
Guam	158	26	61	35	0	0	0	17	17	43.7	21.5
U.S.	278	0	8	148	78	17	9	17	0	96.8	6.1
FSM	70	17	0	35	0	17	0	0	0	74.3	0.0
China	175	0	0	140	0	17	0	17	0	99.4	9.7
Philippines	926	0	0	340	131	192	70	192	0	99.9	20.7
Elsewhere	211	27	0	70	17	17	0	26	52	86.3	37.0
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
Saipan	12,006	1,013	1,528	4,690	1,405	681	410	2,017	262	78.8	19.0
Tinian	874	66	65	439	123	33	33	107	8	85.0	13.2
Rota	689	27	62	295	81	18	99	99	9	87.2	15.7
Guam	104	17	43	9	17	0	0	17	0	41.3	16.3
U.S.	296	0	0	114	35	0	17	104	26	100.0	43.9
FSM	52	0	0	52	0	0	0	0	0	100.0	0.0
China	245	17	17	140	35	17	0	17	0	85.3	6.9
Korea	35	0	0	35	0	0	0	0	0	100.0	0.0
Philippines	705	9	0	164	70	87	17	340	17	98.6	50.6
Elsewhere	215	26	9	58	17	0	17	17	70	83.3	40.5

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 77. Sex and Speak English at home, Language (non-English) spoken at home, Frequency of language other than English by Educational attainment, CNMI: 2016

	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Speak English Only	3,283	235	506	1,163	392	183	106	506	192	77.4	21.3
Speak other language	28,115	1,952	3,085	11,620	3,693	2,165	958	4,136	505	82.1	16.5
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
Speak English Only	1,585	105	262	616	227	88	44	138	105	76.8	15.3
Speak other language	14,590	907	1,605	6,170	2,074	1,424	427	1,785	199	82.8	13.6
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
Speak English Only	1,697	130	244	547	165	95	62	367	87	78.0	26.8
Speak other language	13,525	1,045	1,481	5,450	1,619	741	532	2,351	306	81.3	19.6
Language (non-English) spoken at home											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
English only	3,283	235	506	1,163	392	183	106	506	192	77.4	21.3
Chamorro	7,114	653	1,610	3,065	933	122	270	321	139	68.2	6.5
Carolinian	1,650	280	332	594	218	35	70	87	35	63.0	7.4
FSM language	1,073	130	262	411	165	17	35	35	17	63.4	4.8
Palauan	551	52	122	166	70	35	26	79	0	68.2	14.3
Chinese	1,524	122	157	1,018	122	35	17	35	17	81.6	3.4
Korean	524	0	0	262	35	105	0	122	0	100.0	23.3
Filipino	14,237	585	523	5,422	2,009	1,711	522	3,300	165	92.2	24.3
Other language	1,440	129	79	682	140	105	17	157	130	85.5	19.9
Frequency of language other than English											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Yes, more frequently than English	19,404	1,385	1,646	8,661	2,269	1,589	609	2,966	278	84.4	16.7
Both equally often	6,486	436	1,090	2,130	1,040	524	315	830	122	76.5	14.7
No less frequently than English	2,059	114	332	734	367	52	34	323	104	78.4	20.7
Doesn't speak English	165	17	17	95	17	0	0	17	0	78.2	10.3
Speaks English only	3,283	235	506	1,163	392	183	106	506	192	77.4	21.3

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 78. Sex and Tobacco, Sex and Chew Tobacco or betel nut by Educational attainment, CNMI: 2016

Tobacco use Chewing tobacco and betel nut	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
No days	23,411	1,560	2,354	9,353	2,743	1,937	889	4,026	549	83.3	19.5
1 to 7 days	366	17	70	114	52	44	17	51	0	76.0	13.9
8 to 14 days	341	17	70	166	44	0	9	17	17	74.2	10.0
15 to 28 days	452	52	52	147	113	35	17	35	0	76.8	7.7
29 or 30 days	6,829	541	1,046	3,003	1,133	332	131	513	130	76.8	9.4
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
No days	10,356	558	1,047	4,193	1,244	1,118	384	1,534	278	84.5	17.5
1 to 7 days	271	17	17	114	35	44	17	26	0	87.1	9.6
8 to 14 days	253	17	52	131	35	0	0	17	0	72.3	6.7
15 to 28 days	321	26	52	138	52	35	0	17	0	75.4	5.3
29 or 30 days	4,975	392	698	2,211	935	315	70	329	26	78.1	7.1
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
No days	13,055	1,002	1,307	5,160	1,499	819	506	2,492	271	82.3	21.2
1 to 7 days	95	0	52	0	17	0	0	26	0	45.3	27.4
8 to 14 days	88	0	17	35	9	0	9	0	17	79.5	19.3
15 to 28 days	130	26	0	9	61	0	17	17	0	80.0	13.1
29 or 30 days	1,854	149	348	792	198	17	61	184	105	73.2	15.6
Total, chewing tobacco	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
No days	25,691	1,681	2,203	10,350	3,309	2,261	879	4,363	644	84.9	19.5
1 to 7 days	209	17	35	60	78	0	0	17	0	74.2	8.1
8 to 14 days	270	35	17	113	17	0	18	52	17	80.4	25.6
15 to 28 days	324	52	61	79	61	0	35	35	0	64.8	10.8
29 or 30 days	4,905	402	1,275	2,181	618	87	132	174	35	65.8	4.3
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
No days	13,009	715	1,098	5,296	1,979	1,424	427	1,784	286	86.1	15.9
1 to 7 days	104	0	17	26	61	0	0	0	0	83.7	0.0
8 to 14 days	139	35	17	70	0	0	0	17	0	62.6	12.2
15 to 28 days	149	17	17	52	26	0	0	35	0	75.8	23.5
29 or 30 days	2,775	245	716	1,343	235	87	44	87	17	65.3	3.7
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
No days	12,682	966	1,105	5,054	1,330	837	453	2,579	358	83.7	23.2
1 to 7 days	104	17	17	35	17	0	0	17	0	66.3	16.3
8 to 14 days	131	0	0	43	17	0	18	35	17	99.2	39.7
15 to 28 days	175	35	44	26	35	0	35	0	0	54.9	0.0
29 or 30 days	2,130	157	558	838	384	0	88	87	17	66.4	4.9

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 79. Sex and Work last week, Sex and Hours of work last week by Educational attainment, CNMI: 2016

	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Total, work last week	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Yes, paid and no subsistence	18,534	716	1,206	7,631	2,780	1,729	752	3,276	444	89.6	20.1
Yes, paid and subsistence	837	17	148	245	165	105	0	122	35	80.3	18.8
Yes, Subsistence only	96	0	26	17	35	0	0	0	17	71.9	17.7
No	11,931	1,454	2,211	4,890	1,105	514	312	1,244	200	69.3	12.1
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
Yes, paid and no subsistence	11,162	498	821	4,820	1,665	1,267	341	1,533	217	88.2	15.7
Yes, paid and subsistence	488	17	130	87	113	87	0	52	0	69.5	10.7
Yes, Subsistence only	79	0	26	0	35	0	0	0	17	65.8	21.5
No	4,446	496	889	1,879	488	157	130	338	70	68.9	9.2
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
Yes, paid and no subsistence	7,371	218	385	2,811	1,114	462	411	1,743	228	91.8	26.7
Yes, paid and subsistence	349	0	17	157	52	17	0	70	35	94.8	30.1
Yes, Subsistence only	17	0	0	17	0	0	0	0	0	100.0	0.0
No	7,484	958	1,323	3,011	617	357	182	906	130	69.5	13.8
Total, hours worked	19,371	733	1,354	7,876	2,945	1,834	752	3,398	479	89.2	20.0
1 to 14 hours	165	0	0	78	17	17	0	52	0	99.4	31.5
14 to 34 hours	1,763	105	184	585	392	131	61	278	26	83.6	17.2
35 to 44 hours	16,619	620	1,082	6,932	2,404	1,615	672	2,875	418	89.8	19.8
More than 45 hours	823	8	87	280	131	70	18	193	35	88.3	27.7
Males	11,650	515	952	4,908	1,778	1,355	341	1,585	217	87.4	15.5
1 to 14 hours	78	0	0	26	0	17	0	35	0	100.0	44.9
14 to 34 hours	699	53	70	227	122	79	44	95	8	82.3	14.7
35 to 44 hours	10,375	462	794	4,498	1,604	1,206	297	1,324	191	87.9	14.6
More than 45 hours	499	0	87	157	52	53	0	131	17	82.2	29.7
Females	7,721	218	402	2,968	1,167	479	411	1,813	263	92.0	26.9
1 to 14 hours	87	0	0	52	17	0	0	17	0	98.9	19.5
14 to 34 hours	1,064	52	114	359	270	52	17	182	17	84.3	18.7
35 to 44 hours	6,244	157	288	2,434	801	410	376	1,551	227	92.9	28.5
More than 45 hours	324	8	0	123	79	17	18	61	18	97.5	24.4

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 80. Layoff / vacation, Look for work, Take job if available, Year when last worked, Sex and Class of worker by Educational attainment, CNMI: 2016

	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Layoff / vacation											
Total	12,027	1,454	2,238	4,907	1,140	514	312	1,244	218	69.3	12.2
Yes, on layoff	78	0	35	8	35	0	0	0	0	55.1	0.0
Yes, vacation	829	122	87	235	122	52	35	140	35	74.7	21.1
No	11,120	1,332	2,115	4,664	983	462	278	1,104	183	69.0	11.6
Look for work											
Total	12,027	1,454	2,238	4,907	1,140	514	312	1,244	218	69.3	12.2
Yes	2,446	104	506	1,124	287	156	44	191	35	75.1	9.2
No	9,580	1,350	1,732	3,783	853	358	269	1,053	183	67.8	12.9
Take job if available											
Total	2,446	104	506	1,124	287	156	44	191	35	75.1	9.2
No	309	26	35	150	35	17	9	35	0	79.6	11.3
Yes	2,137	78	470	973	251	139	35	156	35	74.4	8.9
Year when last worked											
Total	12,027	1,454	2,238	4,907	1,140	514	312	1,244	218	69.3	12.2
2016	1,631	26	200	659	278	86	70	277	35	86.1	19.1
2015	870	8	94	345	139	61	26	163	35	88.4	22.8
2013-2014	880	70	140	339	139	17	17	140	17	76.0	17.8
2010-2012	1,143	122	174	487	96	52	35	140	35	73.9	15.3
2000-2009	2,562	358	618	872	182	175	61	219	78	61.9	11.6
Before 2000	1,265	271	235	674	35	0	34	17	0	60.1	1.3
Never Worked	3,675	600	776	1,531	270	122	70	288	17	62.5	8.3
CLASS OF WORKER											
Total	19,371	733	1,354	7,876	2,945	1,834	752	3,398	479	89.2	20.0
Private company	15,577	646	1,092	6,590	2,221	1,572	499	2,678	278	88.8	19.0
CNMI government	3,349	70	191	1,207	592	245	226	642	175	92.2	24.4
US/other government	237	17	17	44	88	17	26	26	0	84.8	11.0
Self-employed/working without pay	209	0	53	35	43	0	0	52	26	74.6	37.3
Males											
Total	11,650	515	952	4,908	1,778	1,355	341	1,585	217	87.4	15.5
Private company	9,639	480	716	4,099	1,403	1,198	280	1,308	156	87.6	15.2
CNMI government	1,688	35	182	748	271	157	35	225	35	87.1	15.4
US/other government	158	0	17	35	79	0	26	0	0	88.6	0.0
Self-employed/working without pay	165	0	35	26	26	0	0	52	26	78.8	47.3
Females											
Total	7,721	218	402	2,968	1,167	479	411	1,813	263	92.0	26.9
Private company	5,937	165	376	2,492	819	375	219	1,370	122	90.9	25.1
CNMI government	1,661	35	9	458	321	87	192	417	140	97.2	33.5
US/other government	78	17	0	9	9	17	0	26	0	78.2	33.3
Self-employed/working without pay	44	0	17	9	17	0	0	0	0	59.1	0.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 81. Sex and Paid work last year, Sex and Weeks of work last year, Sex and Usual hours of work last year by Educational attainment, CNMI: 2016

Paid work in 2015 Weeks and Hours worked	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Paid work in 2015	19,674	670	1,465	7,809	3,092	1,807	733	3,584	514	89.1	20.8
No paid work in 2015	11,724	1,517	2,127	4,974	993	542	331	1,058	183	68.9	10.6
Males	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
Paid work in 2015	11,533	470	1,046	4,754	1,839	1,293	323	1,592	217	86.9	15.7
No paid work in 2015	4,643	542	820	2,033	462	219	148	332	87	70.7	9.0
Females	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
Paid work in 2015	8,141	200	419	3,055	1,254	514	410	1,993	297	92.4	28.1
No paid work in 2015	7,081	976	1,306	2,942	530	323	183	726	95	67.8	11.6
Total, weeks worked in 2015	19,674	670	1,465	7,809	3,092	1,807	733	3,584	514	89.1	20.8
Less than 13 weeks	713	17	78	200	104	149	17	130	17	86.5	20.6
14 to 26 weeks	685	26	121	259	140	35	43	35	26	78.5	8.9
27 to 39 weeks	902	17	17	328	113	35	61	312	17	96.0	36.5
40 to 49 weeks	1,645	35	70	645	200	147	78	375	95	93.6	28.6
50 to 52 weeks	15,729	575	1,179	6,377	2,535	1,441	533	2,732	357	88.8	19.6
Males	11,533	470	1,046	4,754	1,839	1,293	323	1,592	217	86.9	15.7
Less than 13 weeks	426	0	61	165	43	96	17	43	0	85.4	10.1
14 to 26 weeks	433	26	78	154	88	35	17	17	17	75.8	7.9
27 to 39 weeks	495	17	0	173	104	35	35	130	0	96.4	26.3
40 to 49 weeks	965	35	35	401	148	104	26	140	78	93.0	22.6
50 to 52 weeks	9,213	392	873	3,861	1,455	1,023	228	1,261	121	86.3	15.0
Females	8,141	200	419	3,055	1,254	514	410	1,993	297	92.4	28.1
Less than 13 weeks	287	17	17	35	61	52	0	87	17	87.8	36.2
14 to 26 weeks	252	0	43	104	52	0	26	17	9	82.5	10.3
27 to 39 weeks	406	0	17	154	9	0	26	182	17	95.6	49.0
40 to 49 weeks	680	0	35	244	52	43	52	235	17	94.6	37.1
50 to 52 weeks	6,516	183	306	2,517	1,079	418	306	1,471	236	92.5	26.2
Total, usual hours worked	19,674	670	1,465	7,809	3,092	1,807	733	3,584	514	89.1	20.8
1 to 14 hours	87	0	0	78	0	0	0	9	0	100.0	10.3
14 to 34 hours	1,573	70	175	508	288	157	52	306	17	84.4	20.5
35 to 44 hours	17,184	557	1,203	6,962	2,620	1,614	655	3,112	461	89.8	20.8
More than 45 hours	830	43	87	261	184	35	26	157	35	84.1	23.1
Males	11,533	470	1,046	4,754	1,839	1,293	323	1,592	217	86.9	15.7
1 to 14 hours	16	0	0	16	0	0	0	0	0	100.0	0.0
14 to 34 hours	552	17	61	219	97	70	9	79	0	85.9	14.3
35 to 44 hours	10,459	435	898	4,346	1,654	1,205	314	1,408	199	87.3	15.4
More than 45 hours	506	17	87	173	87	18	0	105	17	79.1	24.1
Females	8,141	200	419	3,055	1,254	514	410	1,993	297	92.4	28.1
1 to 14 hours	70	0	0	61	0	0	0	9	0	100.0	12.9
14 to 34 hours	1,022	52	114	289	191	87	43	227	17	83.6	23.9
35 to 44 hours	6,725	122	305	2,616	966	409	341	1,705	262	93.7	29.2
More than 45 hours	324	26	0	88	96	17	26	52	18	91.7	21.6

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 82. Wages, Total income, Sex and ESR by Educational attainment, CNMI: 2016

	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Wages											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
No Wages	6,390	734	1,115	2,918	470	253	157	691	52	71.1	11.6
\$1 to \$4999	1,278	44	192	356	244	184	26	208	26	81.7	18.3
\$5000 to \$9999	3,415	243	445	1,524	392	254	104	392	61	79.9	13.3
\$10000 to \$11249	1,896	113	166	878	261	226	78	173	0	85.2	9.1
\$11250 to \$12499	4,658	304	367	2,153	670	444	148	572	0	85.6	12.3
\$12500 to \$13749	4,251	218	399	2,013	555	472	87	489	17	85.5	11.9
\$13750 to \$14999	5,453	253	574	2,456	774	533	140	688	35	84.8	13.3
\$15000 to \$17499	3,010	262	446	1,097	384	263	114	393	52	76.5	14.8
\$17500 to \$19999	4,552	349	533	1,723	576	385	131	785	70	80.6	18.8
\$20000 to \$24999	2,057	35	174	695	305	245	114	454	35	89.8	23.8
\$25000 to \$49999	2,906	191	191	818	523	35	192	712	244	86.9	32.9
\$50000 or more	689	35	0	139	131	17	52	140	175	94.9	45.7
Median	12,500	12,108	12,500	12,500	12,663	12,500	13,790	13,674	28,607		
Mean	13,485	11,794	10,590	12,147	15,678	12,715	16,948	15,696	31,949		
Total income											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
No income	4,561	324	698	2,117	427	235	139	603	17	77.6	13.6
\$1 to \$4999	1,898	219	332	634	226	184	43	226	35	71.0	13.8
\$5000 to \$9999	3,588	338	568	1,541	400	236	87	375	43	74.7	11.6
\$10000 to \$11249	1,933	130	175	905	271	217	78	157	0	84.2	8.1
\$11250 to \$12499	4,478	269	341	2,172	644	417	165	470	0	86.4	10.5
\$12500 to \$13749	3,842	140	358	1,863	477	455	70	462	17	87.0	12.5
\$13750 to \$14999	5,224	235	565	2,403	679	533	87	705	17	84.7	13.8
\$15000 to \$17499	2,885	166	340	1,122	365	271	123	445	52	82.4	17.2
\$17500 to \$19999	4,505	271	470	1,695	593	429	140	820	87	83.6	20.1
\$20000 to \$24999	2,275	183	253	722	289	245	26	505	52	80.8	24.5
\$25000 to \$49999	3,787	269	366	1,220	617	35	306	730	244	83.2	25.7
\$50000 or more	1,081	79	0	278	210	35	70	209	200	92.7	37.8
Median	12,500	12,500	12,500	12,500	13,068	12,500	14,935	14,490	31,231		
Mean	15,041	14,624	12,376	13,602	17,158	13,174	18,956	16,820	36,877		
LABOR FORCE											
Total	31,398	2,187	3,592	12,783	4,085	2,348	1,064	4,642	697	81.6	17.0
Paid work working	19,371	733	1,354	7,876	2,945	1,834	752	3,398	479	89.2	20.0
Paid work not working	1,182	149	158	376	175	70	44	175	35	74.0	17.8
Unemployed	2,697	86	514	1,206	372	147	70	267	35	77.8	11.2
Not in the labor force	8,148	1,219	1,566	3,325	592	297	199	801	148	65.8	11.6
Males											
Total	16,175	1,011	1,867	6,787	2,301	1,512	471	1,924	304	82.2	13.8
Paid work working	11,650	515	952	4,908	1,778	1,355	341	1,585	217	87.4	15.5
Paid work not working	455	17	105	104	88	52	26	44	17	72.7	13.4
Unemployed	1,102	43	262	538	182	26	17	16	17	72.2	3.0
Not in the labor force	2,968	436	548	1,237	252	79	86	278	52	66.8	11.1
Females											
Total	15,222	1,176	1,725	5,996	1,784	837	594	2,718	393	80.9	20.4
Paid work working	7,721	218	402	2,968	1,167	479	411	1,813	263	92.0	26.9
Paid work not working	727	131	52	272	87	17	17	131	17	74.4	20.4
Unemployed	1,595	43	251	668	190	121	52	251	17	81.4	16.8
Not in the labor force	5,180	784	1,019	2,087	340	219	113	523	95	65.2	11.9

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 83. Household income, Family income, Family poverty level by Educational attainment, CNMI: 2016

	Total	Less than 9th grade	9th to 12th grade	High school graduate	Some college	Associates Degree		BA/BS	MS, PhD, Profess.	Percent	
						Academic	Occup.			H.S.G.	BA/BS+
Household income											
Total	16,254	1,219	1,595	6,251	2,385	1,441	567	2,360	435	82.7	17.2
No household income	663	26	79	244	52	79	26	88	70	84.3	23.8
\$ 1 - \$ 9999	2,258	365	462	874	172	114	70	174	26	63.3	8.9
\$ 10000 - \$ 12499	1,579	122	105	627	245	192	61	227	0	85.6	14.4
\$ 12500 - \$ 14999	1,898	175	105	826	243	297	35	217	0	85.2	11.4
\$ 15000 - \$ 19999	2,040	105	218	906	331	140	17	297	26	84.2	15.8
\$ 20000 - \$ 29999	3,435	191	365	1,367	565	366	88	441	52	83.8	14.4
\$ 30000 - \$ 39999	1,777	130	122	696	289	113	70	331	26	85.8	20.1
\$ 40000 - \$ 49999	904	35	87	322	103	52	60	218	26	86.4	27.0
\$50000 or more	1,699	70	52	390	384	87	140	366	209	92.8	33.8
Median	19,237	13,881	16,072	18,063	22,627	16,377	28,468	24,005	46,825		
Mean	25,965	18,677	19,433	22,342	30,288	32,234	33,384	30,168	45,463		
Family income											
Total	16,289	1,219	1,595	6,286	2,385	1,441	567	2,360	435	82.7	17.2
No family income	786	26	79	314	70	79	26	105	87	86.6	24.4
\$ 1 - \$ 9999	2,598	365	550	987	259	149	70	209	8	64.7	8.4
\$ 10000 - \$ 12499	1,726	122	87	774	236	201	61	243	0	87.8	14.1
\$ 12500 - \$ 14999	2,081	175	105	913	278	332	52	226	0	86.5	10.9
\$ 15000 - \$ 19999	1,962	123	183	863	331	140	17	279	26	84.4	15.5
\$ 20000 - \$ 29999	3,106	191	365	1,166	496	305	88	443	52	82.1	15.9
\$ 30000 - \$ 39999	1,602	130	87	617	254	95	79	305	35	86.5	21.2
\$ 40000 - \$ 49999	888	35	87	287	121	52	78	201	26	86.1	25.6
\$50000 or more	1,542	52	52	364	340	87	96	349	200	93.1	35.6
Median	17,433	13,881	14,447	15,893	20,369	14,697	26,479	22,654	43,534		
Mean	24,507	18,122	18,208	20,910	28,152	31,154	30,345	28,867	44,223		
Family poverty level											
Total	16,254	1,219	1,595	6,286	2,368	1,423	567	2,360	435	82.7	17.2
Not in universe	786	26	79	314	70	79	26	105	87	86.6	24.4
Less than 50 percent	2,700	339	506	985	338	201	79	235	17	68.7	9.3
50 to 99 percent	5,209	437	505	2,270	723	560	149	522	43	81.9	10.8
100 to 124 percent	2,477	192	210	1,039	357	218	43	418	0	83.8	16.9
125 to 149 percent	1,469	69	139	599	227	122	52	235	26	85.8	17.8
150 percent or more	3,614	157	156	1,078	653	245	219	845	261	91.3	30.6

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 84. Sex and age5 15+ by ESR, CNMI: 2016

Sex Age	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
16 to 19	3,989	1,130	28.3	748	87	295	26.1	2,859
20 to 24	3,341	2,723	81.5	2,182	52	489	18.0	617
25 to 29	2,790	2,179	78.1	1,727	96	356	16.3	610
30 to 34	2,462	1,961	79.7	1,604	53	304	15.5	501
35 to 39	3,459	2,727	78.8	2,238	123	366	13.4	732
40 to 44	4,429	3,762	84.9	3,075	279	408	10.8	668
45 to 49	4,737	3,971	83.8	3,355	139	477	12.0	765
50 to 54	4,887	3,797	77.7	3,153	176	468	12.3	1,089
55 to 59	3,451	2,510	72.7	2,249	131	130	5.2	941
60 to 64	2,640	1,505	57.0	1,350	52	103	6.8	1,134
65 to 74	1,872	765	40.9	584	96	85	11.1	1,107
75 and over	671	70	10.4	35	35	0	0.0	601
Median	43.8			44.3	44.5	39.1		43.7
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
16 to 19	1,969	634	32.2	434	52	148	23.3	1,334
20 to 24	1,631	1,535	94.1	1,282	35	218	14.2	95
25 to 29	1,379	1,214	88.0	1,030	44	140	11.5	165
30 to 34	1,238	1,072	86.6	976	9	87	8.1	165
35 to 39	1,619	1,488	91.9	1,287	61	140	9.4	130
40 to 44	2,087	1,965	94.2	1,662	130	173	8.8	121
45 to 49	2,541	2,264	89.1	1,960	70	234	10.3	278
50 to 54	2,661	2,208	83.0	1,990	62	156	7.1	454
55 to 59	1,995	1,612	80.8	1,491	35	86	5.3	383
60 to 64	1,254	809	64.5	757	17	35	4.3	444
65 to 74	1,080	539	49.9	462	26	51	9.5	540
75 and over	322	35	10.9	35	0	0	0.0	287
Median	44.9			45.0	42.7	40.0		48.4
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
16 to 19	2,020	495	24.5	313	35	147	29.7	1,526
20 to 24	1,710	1,188	69.5	900	17	271	22.8	522
25 to 29	1,411	966	68.5	697	52	217	22.5	445
30 to 34	1,224	888	72.5	627	44	217	24.4	336
35 to 39	1,840	1,238	67.3	951	61	226	18.3	601
40 to 44	2,343	1,795	76.6	1,412	149	234	13.0	547
45 to 49	2,196	1,708	77.8	1,395	70	243	14.2	487
50 to 54	2,225	1,589	71.4	1,163	114	312	19.6	635
55 to 59	1,456	899	61.7	759	96	44	4.9	557
60 to 64	1,386	697	50.3	593	35	69	9.9	690
65 to 74	793	227	28.6	123	70	34	15.0	566
75 and over	349	35	10.0	0	35	0	0.0	314
Median	42.7			43.5	47.2	38.4		41.7

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 85. Ethnic Origin and Sex by Labor Force Participation, CNMI: 2016

Ethnic Origin	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
Chamorro	9,913	5,722	57.7	4,373	404	945	16.5	4,191
Carolinian	2,716	1,703	62.7	1,240	105	358	21.0	1,013
FSM	2,410	1,423	59.0	1,004	70	349	24.5	986
Palauan	1,188	760	64.0	638	70	52	6.8	427
Chinese	1,864	1,402	75.2	1,186	43	173	12.3	462
Filipino	17,971	14,205	79.0	12,199	560	1,446	10.2	3,766
Other Asian	1,736	1,182	68.1	1,035	52	95	8.0	553
Other	930	705	75.8	626	18	61	8.7	226
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
Chamorro	5,109	3,401	66.6	2,754	185	462	13.6	1,708
Carolinian	1,293	856	66.2	629	35	192	22.4	437
FSM	1,116	741	66.4	541	35	165	22.3	375
Palauan	479	332	69.3	297	0	35	10.5	148
Chinese	809	635	78.5	601	8	26	4.1	175
Filipino	9,465	8,144	86.0	7,434	226	484	5.9	1,321
Other Asian	973	808	83.0	712	35	61	7.5	165
Other	530	460	86.8	399	18	43	9.3	70
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
Chamorro	4,804	2,321	48.3	1,619	219	483	20.8	2,483
Carolinian	1,423	846	59.5	611	70	165	19.5	577
FSM	1,293	682	52.7	463	35	184	27.0	611
Palauan	708	428	60.5	341	70	17	4.0	280
Chinese	1,055	768	72.8	585	35	148	19.3	288
Filipino	8,506	6,060	71.2	4,764	333	963	15.9	2,445
Other Asian	763	375	49.1	323	17	35	9.3	388
Other	400	244	61.0	227	0	17	7.0	156

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 86. Sex and Birthplace by ESR, CNMI: 2016

Birthplace	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
Saipan	14,512	8,472	58.4	6,477	516	1,479	17.5	6,041
Tinian	594	386	65.0	250	17	119	30.8	208
Rota	786	466	59.3	439	27	0	0.0	320
N. Islands	175	34	19.4	17	17	0	0.0	140
Guam	837	531	63.4	417	53	61	11.5	306
U.S.	636	480	75.5	349	18	113	23.5	157
FSM	1,528	960	62.8	759	52	149	15.5	567
Palau	716	428	59.8	341	52	35	8.2	288
China	1,760	1,332	75.7	1,116	43	173	13.0	427
Korea	542	348	64.2	314	17	17	4.9	192
Philippines	15,187	12,613	83.1	10,849	507	1,257	10.0	2,574
Elsewhere	1,455	1,051	72.2	973	0	78	7.4	404
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
Saipan	7,412	4,761	64.2	3,835	202	724	15.2	2,651
Tinian	335	253	75.5	176	0	77	30.4	82
Rota	447	322	72.0	313	9	0	0.0	125
N. Islands	105	17	16.2	17	0	0	0.0	87
Guam	504	338	67.1	259	44	35	10.4	166
U.S.	287	261	90.9	182	18	61	23.4	26
FSM	671	506	75.4	419	17	70	13.8	165
Palau	296	200	67.6	165	0	35	17.5	95
China	774	617	79.7	583	8	26	4.2	157
Korea	245	192	78.4	175	17	0	0.0	52
Philippines	7,857	7,162	91.2	6,556	226	380	5.3	694
Elsewhere	841	747	88.8	686	0	61	8.2	95
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
Saipan	7,101	3,710	52.2	2,642	314	754	20.3	3,390
Tinian	259	133	51.4	74	17	42	31.6	126
Rota	339	144	42.5	126	18	0	0.0	196
N. Islands	70	17	24.3	0	17	0	0.0	52
Guam	333	193	58.0	158	9	26	13.5	140
U.S.	349	218	62.5	166	0	52	23.9	130
FSM	857	455	53.1	341	35	79	17.4	402
Palau	420	227	54.0	175	52	0	0.0	192
China	985	715	72.6	532	35	148	20.7	270
Korea	297	157	52.9	140	0	17	10.8	140
Philippines	7,330	5,450	74.4	4,293	281	876	16.1	1,880
Elsewhere	614	304	49.5	287	0	17	5.6	309

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 87. Sex and Citizenship, Year to area, Reason for migration by ESR, CNMI: 2016

Citizenship Year of Entry Reason entered	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
U.S. Citizen	19,011	11,290	59.4	8,783	701	1,806	16.0	7,721
Born in CNMI	16,155	9,412	58.3	7,236	578	1,598	17.0	6,744
Born in U.S./territory or parents	1,674	1,106	66.1	862	71	173	15.6	568
Naturalized U.S. citizen	1,182	772	65.3	685	52	35	4.5	409
Noncitizen	19,717	15,812	80.2	13,518	620	1,674	10.6	3,904
Noncitizen Green card	3,125	2,314	74.0	2,001	70	243	10.5	811
Other noncitizen	16,592	13,498	81.4	11,517	550	1,431	10.6	3,093
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
U.S. Citizen	9,673	6,283	65.0	5,096	290	897	14.3	3,390
Born in CNMI	8,316	5,371	64.6	4,359	211	801	14.9	2,945
Born in U.S./territory or parents	861	633	73.5	476	62	95	15.0	228
Naturalized U.S. citizen	496	278	56.0	261	17	0	0.0	217
Noncitizen	10,102	9,094	90.0	8,271	252	571	6.3	1,008
Noncitizen Green card	1,409	1,191	84.5	1,069	17	105	8.8	218
Other noncitizen	8,693	7,902	90.9	7,202	234	466	5.9	790
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
U.S. Citizen	9,338	5,006	53.6	3,686	411	909	18.2	4,331
Born in CNMI	7,839	4,040	51.5	2,877	367	796	19.7	3,799
Born in U.S./territory or parents	813	472	58.1	385	9	78	16.5	341
Naturalized U.S. citizen	686	494	72.0	424	35	35	7.1	192
Noncitizen	9,615	6,718	69.9	5,247	368	1,103	16.4	2,896
Noncitizen Green card	1,716	1,124	65.5	933	52	139	12.4	593
Other noncitizen	7,899	5,596	70.8	4,315	316	965	17.2	2,303
YEAR TO AREA								
Total	22,573	17,691	78.4	15,065	743	1,883	10.6	4,881
2016	1,650	1,136	68.8	1,031	35	70	6.2	514
2015	1,029	793	77.1	715	52	26	3.3	235
2013-2014	1,050	608	57.9	486	27	95	15.6	442
2010-2012	383	235	61.4	148	17	70	29.8	148
2005-2009	2,271	1,878	82.7	1,487	105	286	15.2	393
2000-2004	2,837	2,308	81.4	1,918	140	250	10.8	529
1990-1999	8,841	7,736	87.5	6,641	227	868	11.2	1,105
1980-1989	3,457	2,603	75.3	2,264	123	216	8.3	854
Before 1980	1,055	393	37.3	376	17	0	0.0	662
REASON FOR MIGRATION								
Total	22,573	17,691	78.4	15,065	743	1,883	10.6	4,881
Employment	17,010	14,707	86.5	12,798	541	1,368	9.3	2,303
Spouse of employed	1,138	366	32.2	235	44	87	23.8	772
Dependent of employed	958	444	46.3	304	35	105	23.6	514
Family subsistence	1,351	792	58.6	654	17	121	15.3	559
Family business	681	401	58.9	314	35	52	13.0	280
Visiting or vacation	856	541	63.2	436	44	61	11.3	314
Other reason	571	439	76.9	325	27	87	19.8	132

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 88. Parental Birthplace by Labor Force, CNMI: 2016

Mother's Birthplace Father's Birthplace	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
MOTHER'S BIRTHPLACE								
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
Saipan	9,364	5,589	59.7	4,073	437	1,079	19.3	3,774
Tinian	385	250	64.9	174	0	76	30.4	135
Rota	935	541	57.9	514	27	0	0.0	394
N. Islands	480	217	45.2	130	35	52	24.0	262
Guam	587	341	58.1	289	35	17	5.0	246
U.S.	479	375	78.3	314	18	43	11.5	104
FSM	2,684	1,559	58.1	1,088	79	392	25.1	1,125
Palau	1,459	918	62.9	778	70	70	7.6	541
China	1,882	1,402	74.5	1,186	43	173	12.3	480
Korea	585	375	64.1	323	17	35	9.3	210
Philippines	18,250	14,405	78.9	12,399	542	1,464	10.2	3,845
Elsewhere	1,639	1,129	68.9	1,034	17	78	6.9	509
FATHER'S BIRTHPLACE								
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
Saipan	9,605	5,517	57.4	4,175	358	984	17.8	4,088
Tinian	369	269	72.9	176	17	76	28.3	100
Rota	1,145	699	61.0	603	62	34	4.9	446
N. Islands	497	252	50.7	200	17	35	13.9	245
Guam	692	280	40.5	193	35	52	18.6	411
U.S.	548	409	74.6	278	53	78	19.1	139
FSM	2,604	1,557	59.8	1,147	70	340	21.8	1,047
Palau	1,326	951	71.7	751	105	95	10.0	375
China	1,864	1,402	75.2	1,186	43	173	12.3	462
Korea	577	366	63.4	314	17	35	9.6	210
Philippines	17,861	14,233	79.7	12,191	542	1,500	10.5	3,628
Elsewhere	1,639	1,165	71.1	1,087	0	78	6.7	474

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 89. Sex and School attendance, Sex and Educational attainment by ESR, CNMI: 2016

	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
SCHOOL ATTENDANCE								
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
No has not attended	34,641	25,546	73.7	21,161	1,217	3,168	12.4	9,095
Yes, public school or college	3,886	1,452	37.4	1,035	105	312	21.5	2,434
Yes, private school or college	201	104	51.7	104	0	0	0.0	96
Males								
Total	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
No has not attended	17,989	14,760	82.1	12,916	472	1,372	9.3	3,229
Yes, public school or college	1,724	599	34.7	434	70	95	15.9	1,125
Yes, private school or college	61	17	27.9	17	0	0	0.0	44
Females								
Total	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
No has not attended	16,652	10,787	64.8	8,246	745	1,796	16.6	5,866
Yes, public school or college	2,161	853	39.5	601	35	217	25.4	1,309
Yes, private school or college	140	87	62.1	87	0	0	0.0	52
EDUCATIONAL ATTAINMENT								
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
Less than 9th grade	2,274	994	43.7	741	149	104	10.5	1,281
9th to 12th grade	6,990	2,983	42.7	1,868	263	852	28.6	4,007
High school graduate	15,023	11,064	73.6	9,229	394	1,441	13.0	3,959
Some college	5,166	4,312	83.5	3,590	193	529	12.3	855
AA - academic	2,636	2,321	88.1	2,104	70	147	6.3	315
AA - occupational	1,177	935	79.4	821	44	70	7.5	242
BA	4,747	3,945	83.1	3,468	175	302	7.7	801
MS PhD or Professional degree	714	549	76.9	479	35	35	6.4	165
Percent H.S. Graduates	76.1	85.3		88.3	69.0	72.5		54.5
Percent BA/BS or above	14.1	16.6		17.7	15.9	9.7		8.3
Males								
Total	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
Less than 9th grade	1,063	583	54.8	523	17	43	7.4	479
9th to 12th grade	3,644	1,929	52.9	1,274	175	480	24.9	1,715
High school graduate	7,868	6,518	82.8	5,798	104	616	9.5	1,350
Some college	2,789	2,431	87.2	2,074	105	252	10.4	357
AA - academic	1,625	1,546	95.1	1,468	52	26	1.7	79
AA - occupational	488	401	82.2	358	26	17	4.2	86
BA	1,993	1,715	86.1	1,655	44	16	0.9	278
MS PhD or Professional degree	304	251	82.6	217	17	17	6.8	52
Percent H.S. Graduates	76.2	83.6		86.6	64.2	64.3		50.1
Percent BA/BS or above	11.6	12.8		14.0	11.3	2.2		7.5
Females								
Total	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
Less than 9th grade	1,211	410	33.9	218	131	61	14.9	801
9th to 12th grade	3,346	1,054	31.5	594	87	373	35.4	2,291
High school graduate	7,155	4,546	63.5	3,431	290	825	18.1	2,609
Some college	2,378	1,880	79.1	1,516	87	277	14.7	497
AA - academic	1,011	775	76.7	637	17	121	15.6	236
AA - occupational	689	532	77.2	463	17	52	9.8	156
BA	2,753	2,230	81.0	1,813	131	286	12.8	523
MS PhD or Professional degree	410	297	72.4	263	17	17	5.7	113
Percent H.S. Graduates	76.0	87.5		90.9	71.7	78.4		57.2
Percent BA/BS or above	16.7	21.6		23.2	19.0	15.1		8.8

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 90. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by ESR, CNMI: 2016

Residence in 2011	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
Yes, this house	22,562	15,087	66.9	12,322	901	1,864	12.4	7,474
No elsewhere	16,165	12,015	74.3	9,979	420	1,616	13.4	4,150
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
Yes, this house	11,514	8,432	73.2	7,258	298	876	10.4	3,083
No elsewhere	8,261	6,945	84.1	6,109	244	592	8.5	1,315
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
Yes, this house	11,048	6,656	60.2	5,064	604	988	14.8	4,392
No elsewhere	7,904	5,069	64.1	3,869	176	1,024	20.2	2,835
RESIDENCE IN 2011								
Total	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
Saipan	30,575	21,265	69.6	17,397	1,075	2,793	13.1	9,309
Tinian	2,108	1,522	72.2	1,195	24	303	19.9	585
Rota	1,672	1,244	74.4	1,119	99	26	2.1	428
Guam	295	166	56.3	131	9	26	15.7	129
U.S.	679	548	80.7	408	53	87	15.9	130
FSM	140	69	49.3	52	0	17	24.6	70
China	524	315	60.1	280	0	35	11.1	210
Korea	52	17	32.7	17	0	0	0.0	35
Philippines	2,162	1,630	75.4	1,395	61	174	10.7	531
Elsewhere	520	322	61.9	305	0	17	5.3	197
Total	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
Saipan	15,563	11,947	76.8	10,305	437	1,205	10.1	3,615
Tinian	1,094	819	74.9	664	24	131	16.0	274
Rota	849	715	84.2	670	45	0	0.0	134
Guam	166	105	63.3	88	0	17	16.2	61
U.S.	330	304	92.1	269	18	17	5.6	26
FSM	70	52	74.3	52	0	0	0.0	17
China	210	157	74.8	157	0	0	0.0	52
Philippines	1,239	1,064	85.9	968	17	79	7.4	175
Elsewhere	254	209	82.3	192	0	17	8.1	44
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
Saipan	15,011	9,317	62.1	7,092	638	1,587	17.0	5,694
Tinian	1,014	703	69.3	531	0	172	24.5	311
Rota	823	529	64.3	449	54	26	4.9	294
Guam	130	61	46.9	43	9	9	14.8	69
U.S.	349	244	69.9	139	35	70	28.7	105
FSM	70	17	24.3	0	0	17	100.0	52
China	314	157	50.0	122	0	35	22.3	157
Korea	52	17	32.7	17	0	0	0.0	35
Philippines	923	566	61.3	427	44	95	16.8	356
Elsewhere	266	113	42.5	113	0	0	0.0	153

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 91a. Sex and Speak English at home, Sex and Language (non-English) spoken at home, Sex and Frequency by ESR, CNMI: 2016

English speaking Language Frequency	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total	38,727	27,102	70	22,301	1,321	3,480	12.8	11,625
Speak English only	6,088	3,650	60	2,866	237	547	15	2,439
Speak other language	32,639	23,453	71.9	19,435	1,085	2,933	12.5	9,186
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
Speak English only	2,858	1,959	68.5	1,594	114	251	12.8	898
Speak other language	16,917	13,417	79.3	11,773	428	1,216	9.1	3,500
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
Speak English only	3,231	1,689	52.3	1,272	122	295	17.5	1,541
Speak other language	15,722	10,036	63.8	7,662	657	1,717	17.1	5,686
Total, language spoken	38,727	27,102	70	22,301	1,321	3,480	12.8	11,625
English only	6,088	3,650	60	2,866	237	547	15	2,439
Chamorro	8,458	4,921	58.2	3,773	360	788	16	3,537
Carolinian	2,157	1,283	59.5	943	52	288	22.4	874
FSM language	1,484	916	61.7	707	17	192	21	567
Palauan	708	464	65.5	359	70	35	7.5	245
Chinese	1,717	1,314	76.5	1,098	43	173	13.2	402
Korean	594	384	64.6	332	17	35	9.1	210
Filipino	15,884	13,040	82.1	11,171	525	1,344	10.3	2,844
Other language	1,638	1,129	68.9	1,051	0	78	6.9	509
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
English only	2,858	1,959	68.5	1,594	114	251	12.8	898
Chamorro	4,593	3,051	66.4	2,423	158	470	15.4	1,542
Carolinian	926	559	60.4	437	0	122	21.8	367
FSM language	654	488	74.6	401	0	87	17.8	165
Palauan	349	262	75.1	210	17	35	13.4	87
Chinese	774	617	79.7	583	8	26	4.2	157
Korean	280	209	74.6	192	17	0	0	70
Filipino	8,412	7,465	88.7	6,824	226	415	5.6	946
Other language	929	764	82.2	703	0	61	8	165
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
English only	3,231	1,689	52.3	1,272	122	295	17.5	1,541
Chamorro	3,864	1,870	48.4	1,350	202	318	17	1,995
Carolinian	1,231	724	58.8	507	52	165	22.8	507
FSM language	830	428	51.6	306	17	105	24.5	402
Palauan	359	201	56	149	52	0	0	157
Chinese	942	698	74.1	515	35	148	21.2	245
Korean	314	175	55.7	140	0	35	20	140
Filipino	7,472	5,574	74.6	4,347	298	929	16.7	1,898
Other language	709	365	51.5	348	0	17	4.7	344

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 91b. Sex and Speak English at home, Sex and Language (non-English) spoken at home, Sex and Frequency by ESR, CNMI: 2016

English speaking Language Frequency	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total, frequency	38,727	27,102	70	22,301	1,321	3,480	12.8	11,625
Yes, more frequently than English	21,608	15,876	73.5	13,063	672	2,141	13.5	5,732
Both equally often	7,960	5,370	67.5	4,531	290	549	10.2	2,590
No less frequently than English	2,906	2,120	73	1,754	123	243	11.5	786
Doesn't speak English	165	87	52.7	87	0	0	0	78
Speaks English only	6,088	3,650	60	2,866	237	547	15	2,439
 Males	 19,775	 15,377	 77.8	 13,367	 542	 1,468	 9.5	 4,398
Yes, more frequently than English	11,620	9,499	81.7	8,301	296	902	9.5	2,121
Both equally often	3,866	2,793	72.2	2,513	88	192	6.9	1,074
No less frequently than English	1,379	1,091	79.1	925	44	122	11.2	288
Doesn't speak English	52	35	67.3	35	0	0	0	17
Speaks English only	2,858	1,959	68.5	1,594	114	251	12.8	898
 Females	 18,953	 11,726	 61.9	 8,934	 780	 2,012	 17.2	 7,227
Yes, more frequently than English	9,988	6,377	63.8	4,762	376	1,239	19.4	3,611
Both equally often	4,094	2,577	62.9	2,018	202	357	13.9	1,517
No less frequently than English	1,527	1,029	67.4	829	79	121	11.8	498
Doesn't speak English	113	52	46	52	0	0	0	61
Speaks English only	3,231	1,689	52.3	1,272	122	295	17.5	1,541

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 92. Sex and Tobacco, Sex and Chew Tobacco or betel nut by ESR, CNMI: 2016

Tobacco use Chewing tobacco	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total, tobacco use	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
No days	29,974	20,772	69.3	17,126	1,016	2,630	12.7	9,203
1 to 7 days	445	357	80.2	340	17	0	0.0	87
8 to 14 days	409	305	74.6	235	0	70	23.0	104
15 to 28 days	591	513	86.8	426	35	52	10.1	78
29 or 30 days	7,308	5,156	70.6	4,173	254	729	14.1	2,152
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
No days	13,477	10,421	77.3	9,169	367	885	8.5	3,055
1 to 7 days	280	262	93.6	245	17	0	0.0	17
8 to 14 days	296	244	82.4	209	0	35	14.3	52
15 to 28 days	409	391	95.6	322	17	52	13.3	17
29 or 30 days	5,313	4,058	76.4	3,422	140	496	12.2	1,256
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
No days	16,497	10,349	62.7	7,956	648	1,745	16.9	6,148
1 to 7 days	165	95	57.6	95	0	0	0.0	70
8 to 14 days	113	61	54.0	26	0	35	57.4	52
15 to 28 days	182	121	66.5	104	17	0	0.0	61
29 or 30 days	1,994	1,098	55.1	751	114	233	21.2	897
Total, chewing tobacco	38,727	27,102	70.0	22,301	1,321	3,480	12.8	11,625
No days	31,290	22,083	70.6	18,530	1,032	2,521	11.4	9,206
1 to 7 days	305	218	71.5	148	9	61	28.0	87
8 to 14 days	305	261	85.6	192	17	52	19.9	43
15 to 28 days	543	359	66.1	263	44	52	14.5	184
29 or 30 days	6,285	4,181	66.5	3,168	219	794	19.0	2,104
Males	19,775	15,377	77.8	13,367	542	1,468	9.5	4,398
No days	15,489	12,114	78.2	10,777	393	944	7.8	3,376
1 to 7 days	165	113	68.5	96	0	17	15.0	52
8 to 14 days	174	139	79.9	104	0	35	25.2	35
15 to 28 days	315	244	77.5	210	17	17	7.0	70
29 or 30 days	3,631	2,767	76.2	2,181	132	454	16.4	865
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
No days	15,801	9,970	63.1	7,754	639	1,577	15.8	5,830
1 to 7 days	139	104	74.8	52	9	43	41.3	35
8 to 14 days	131	122	93.1	88	17	17	13.9	8
15 to 28 days	228	113	49.6	52	26	35	31.0	114
29 or 30 days	2,654	1,414	53.3	987	87	340	24.0	1,240

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 93. Sex and Work last week, Sex and Hours of work last week by ESR, CNMI: 2016

	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total, worked last week	38,692	27,102	70.0	22,301	1,321	3,480	12.8	11,590
Yes, paid and no subsistence	21,359	21,359	100.0	21,359	0	0	0.0	0
Yes, paid and subsistence	942	942	100.0	942	0	0	0.0	0
Yes, Subsistence only	149	69	46.3	0	17	52	75.4	79
No	16,243	4,732	29.1	0	1,304	3,428	72.4	11,511
Males	19,740	15,377	77.9	13,367	542	1,468	9.5	4,363
Yes, paid and no subsistence	12,844	12,844	100.0	12,844	0	0	0.0	0
Yes, paid and subsistence	523	523	100.0	523	0	0	0.0	0
Yes, Subsistence only	96	34	35.4	0	17	17	50.0	61
No	6,276	1,974	31.5	0	524	1,450	73.5	4,301
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
Yes, paid and no subsistence	8,515	8,515	100.0	8,515	0	0	0.0	0
Yes, paid and subsistence	419	419	100.0	419	0	0	0.0	0
Yes, Subsistence only	52	35	67.3	0	0	35	100.0	17
No	9,967	2,757	27.7	0	780	1,977	71.7	7,210
Total, hours worked	22,301	22,301	100.0	22,301	0	0	0.0	0
1 to 14 hours	208	208	100.0	208	0	0	0.0	0
14 to 34 hours	2,417	2,417	100.0	2,417	0	0	0.0	0
35 to 44 hours	18,748	18,748	100.0	18,748	0	0	0.0	0
More than 45 hours	928	928	100.0	928	0	0	0.0	0
Total	13,367	13,367	100.0	13,367	0	0	0.0	0
1 to 14 hours	121	121	100.0	121	0	0	0.0	0
14 to 34 hours	1,021	1,021	100.0	1,021	0	0	0.0	0
35 to 44 hours	11,691	11,691	100.0	11,691	0	0	0.0	0
More than 45 hours	534	534	100.0	534	0	0	0.0	0
Total	8,934	8,934	100.0	8,934	0	0	0.0	0
1 to 14 hours	87	87	100.0	87	0	0	0.0	0
14 to 34 hours	1,396	1,396	100.0	1,396	0	0	0.0	0
35 to 44 hours	7,056	7,056	100.0	7,056	0	0	0.0	0
More than 45 hours	394	394	100.0	394	0	0	0.0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 94. Layoff / vacation, Look for work, Take job if available, Year when last worked, Sex and Class of worker by ESR, CNMI: 2016

Unemployment Class of worker	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Layoff / vacation								
Total	16,392	4,801	29.3	0	1,321	3,480	72.5	11,590
Yes, on layoff	95	95	100.0	0	95	0	0.0	0
Yes, vacation	882	882	100.0	0	882	0	0.0	0
No	15,414	3,824	24.8	0	344	3,480	91.0	11,590
Look for work								
Total	16,392	4,801	29.3	0	1,321	3,480	72.5	11,590
Yes	3,230	3,230	100.0	0	502	2,728	84.5	0
No	13,162	1,572	11.9	0	820	752	47.8	11,590
Take job if available								
Total	3,230	3,230	100.0	0	502	2,728	84.5	0
No	379	379	100.0	0	379	0	0.0	0
Yes	2,851	2,850	100.0	0	122	2,728	95.7	0
Year when last worked								
Total	16,392	4,801	29.3	0	1,321	3,480	72.5	11,590
2016	1,901	1,901	100.0	0	610	1,291	67.9	0
2015	1,088	441	40.5	0	79	362	82.1	647
2013-2014	940	478	50.9	0	62	416	87.0	462
2010-2012	1,221	455	37.3	0	115	340	74.7	766
2000-2009	2,597	488	18.8	0	132	356	73.0	2,108
Before 2000	1,335	105	7.9	0	35	70	66.7	1,230
Never Worked	7,309	934	12.8	0	289	645	69.1	6,375
CLASS OF WORKER								
Total	22,301	22,301	100.0	22,301	0	0	0.0	0
Private company	18,105	18,105	100.0	18,105	0	0	0.0	0
CNMI government	3,733	3,733	100.0	3,733	0	0	0.0	0
US/other government	254	254	100.0	254	0	0	0.0	0
Self-employed/working without pay	209	209	100.0	209	0	0	0.0	0
Males								
Total	13,367	13,367	100.0	13,367	0	0	0.0	0
Private company	11,164	11,164	100.0	11,164	0	0	0.0	0
CNMI government	1,880	1,880	100.0	1,880	0	0	0.0	0
US/other government	158	158	100.0	158	0	0	0.0	0
Self-employed/working without pay	165	165	100.0	165	0	0	0.0	0
Females								
Total	8,934	8,934	100.0	8,934	0	0	0.0	0
Private company	6,942	6,942	100.0	6,942	0	0	0.0	0
CNMI government	1,852	1,852	100.0	1,852	0	0	0.0	0
US/other government	96	96	100.0	96	0	0	0.0	0
Self-employed/working without pay	44	44	100.0	44	0	0	0.0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 95. Sex and Paid work last year, Sex and Weeks of work last year, Sex and Usual hours of work last year by ESR, CNMI: 2016

	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Total	38,692	27,102	70.0	22,301	1,321	3,480	12.8	11,590
Paid work in 2015	22,002	21,355	97.1	19,275	619	1,461	6.8	648
No paid work in 2015	16,690	5,749	34.4	3,026	703	2,020	35.1	10,942
Males	19,740	15,377	77.9	13,367	542	1,468	9.5	4,363
Paid work in 2015	12,945	12,601	97.3	11,692	252	657	5.2	344
No paid work in 2015	6,794	2,776	40.9	1,675	290	811	29.2	4,019
Females	18,953	11,726	61.9	8,934	780	2,012	17.2	7,227
Paid work in 2015	9,057	8,753	96.6	7,582	367	804	9.2	304
No paid work in 2015	9,896	2,972	30.0	1,351	413	1,208	40.6	6,924
Total, weeks worked	22,002	21,355	97.1	19,275	619	1,461	6.8	648
Less than 13 weeks	1,043	922	88.4	635	35	252	27.3	121
14 to 26 weeks	912	826	90.6	671	61	94	11.4	86
27 to 39 weeks	972	851	87.6	732	17	102	12.0	120
40 to 49 weeks	1,715	1,645	95.9	1,428	87	130	7.9	69
50 to 52 weeks	17,360	17,108	98.5	15,809	418	881	5.1	252
Males	12,945	12,601	97.3	11,692	252	657	5.2	344
Less than 13 weeks	634	565	89.1	426	17	122	21.6	68
14 to 26 weeks	555	513	92.4	418	61	34	6.6	43
27 to 39 weeks	539	471	87.4	428	0	43	9.1	69
40 to 49 weeks	1,017	975	95.9	914	0	61	6.3	43
50 to 52 weeks	10,199	10,077	98.8	9,507	173	397	3.9	121
Females	9,057	8,753	96.6	7,582	367	804	9.2	304
Less than 13 weeks	408	355	87.0	208	17	130	36.6	52
14 to 26 weeks	357	314	88.0	253	0	61	19.4	43
27 to 39 weeks	433	381	88.0	305	17	59	15.5	51
40 to 49 weeks	697	671	96.3	514	87	70	10.4	26
50 to 52 weeks	7,162	7,031	98.2	6,302	245	484	6.9	131
Total, usual hours	22,002	21,355	97.1	19,275	619	1,461	6.8	648
1 to 14 hours	139	122	87.8	52	0	70	57.4	17
14 to 34 hours	1,938	1,747	90.1	1,451	70	226	12.9	191
35 to 44 hours	19,025	18,604	97.8	16,933	523	1,148	6.2	422
More than 45 hours	899	882	98.1	839	26	17	1.9	17
Males	12,945	12,601	97.3	11,692	252	657	5.2	344
1 to 14 hours	51	52	102.0	26	0	26	50.0	0
14 to 34 hours	769	656	85.3	586	35	35	5.3	113
35 to 44 hours	11,602	11,388	98.2	10,601	191	596	5.2	214
More than 45 hours	523	506	96.7	480	26	0	0.0	17
Females	9,057	8,753	96.6	7,582	367	804	9.2	304
1 to 14 hours	88	70	79.5	26	0	44	62.9	17
14 to 34 hours	1,169	1,091	93.3	865	35	191	17.5	78
35 to 44 hours	7,424	7,216	97.2	6,332	332	552	7.6	208
More than 45 hours	376	376	100.0	359	0	17	4.5	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 96. Wages, Total income, Persons in poverty by ESR, CNMI: 2016

	Total	In the Labor Force						Not in the labor force
		Total	Percent	Paid		Unemployed		
				Working	Not Working	Number	Percent	
Wages								
Total	38,692	27,102	70.0	22,301	1,321	3,480	12.8	11,590
No Wages	11,182	3,707	33.2	1,935	465	1,307	35.3	7,475
\$1 to \$4999	1,782	1,427	80.1	976	79	372	26.1	355
\$5000 to \$9999	3,878	3,138	80.9	2,730	79	329	10.5	740
\$10000 to \$11249	2,054	1,847	89.9	1,534	79	234	12.7	207
\$11250 to \$12499	5,156	4,733	91.8	4,021	157	555	11.7	422
\$12500 to \$13749	4,591	4,096	89.2	3,750	70	276	6.7	495
\$13750 to \$14999	5,950	5,411	90.9	4,892	87	432	8.0	539
\$15000 to \$17499	3,342	2,695	80.6	2,407	166	122	4.5	646
\$17500 to \$19999	4,901	4,054	82.7	3,636	210	208	5.1	847
\$20000 to \$24999	2,205	1,742	79.0	1,491	139	112	6.4	463
\$25000 to \$49999	2,949	2,340	79.3	2,106	105	129	5.5	609
\$50000 or more	689	549	79.7	514	0	35	6.4	140
Median	12,500	34,381	275.1	12,525	11,856	10,000	29.1	1
Mean	12,021	34,336	285.6	14,539	11,137	8,661	25.2	7,363
Total income								
Total	38,692	27,102	70.0	22,301	1,321	3,480	12.8	11,590
No income	9,065	3,307	36.5	1,831	377	1,099	33.2	5,758
\$1 to \$4999	2,569	1,602	62.4	1,019	87	496	31.0	966
\$5000 to \$9999	4,121	2,973	72.1	2,548	79	346	11.6	1,149
\$10000 to \$11249	2,108	1,839	87.2	1,552	88	199	10.8	269
\$11250 to \$12499	5,010	4,586	91.5	3,934	166	486	10.6	425
\$12500 to \$13749	4,182	3,922	93.8	3,567	105	250	6.4	260
\$13750 to \$14999	5,721	5,253	91.8	4,674	122	457	8.7	467
\$15000 to \$17499	3,234	2,756	85.2	2,546	105	105	3.8	479
\$17500 to \$19999	4,872	4,218	86.6	3,852	158	208	4.9	653
\$20000 to \$24999	2,405	1,891	78.6	1,569	183	139	7.4	514
\$25000 to \$49999	3,848	2,558	66.5	2,228	131	199	7.8	1,289
\$50000 or more	1,081	713	66.0	645	17	51	7.2	368
Median	12,500	35,284	282.3	12,784	12,500	10,000	28.3	2,800
Mean	13,334	37,462	280.9	14,996	12,946	9,520	25.4	10,653
Persons in poverty								
Total	38,413	26,875	70.0	22,091	1,304	3,480	12.9	11,537
Not in universe	1,388	926	66.7	585	79	262	28.3	461
Less than 50 percent	6,219	3,520	56.6	2,299	255	966	27.4	2,699
50 to 99 percent	12,603	8,529	67.7	6,971	384	1,174	13.8	4,074
100 to 124 percent	5,111	3,787	74.1	3,352	158	277	7.3	1,324
125 to 149 percent	3,544	2,720	76.7	2,330	140	250	9.2	824
150 percent or more	9,549	7,395	77.4	6,555	288	552	7.5	2,154

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 97. Sex and age5 15+ by Occupation, CNMI: 2016

Sex Age	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Sex Total age5 15+						
Total	22,301	4,491	6,894	4,355	3,891	2,670
15 to 19	748	87	278	278	0	104
20 to 24	2,182	210	708	760	191	314
25 to 29	1,727	254	733	410	191	140
30 to 34	1,604	341	472	382	225	184
35 to 39	2,238	524	645	434	408	227
40 to 44	3,075	837	835	585	487	331
45 to 49	3,355	679	1,003	530	705	438
50 to 54	3,153	679	877	568	645	384
55 to 59	2,249	470	672	226	568	314
60 to 64	1,350	288	469	148	314	131
65 to 74	584	104	201	35	139	105
75 and over	35	17	0	0	17	0
Median	44.3	45.0	43.7	39.0	48.1	45.4
Males	13,367	2,231	3,748	1,307	3,830	2,251
15 to 19	434	70	173	105	0	86
20 to 24	1,282	113	516	201	173	279
25 to 29	1,030	131	471	122	165	140
30 to 34	976	148	324	95	225	184
35 to 39	1,287	157	357	156	408	209
40 to 44	1,662	444	322	122	487	288
45 to 49	1,960	312	479	183	688	298
50 to 54	1,990	359	462	227	645	296
55 to 59	1,491	270	313	70	568	270
60 to 64	757	130	208	8	314	96
65 to 74	462	78	122	17	139	105
75 and over	35	17	0	0	17	0
Median	45.0	45.8	40.5	39.2	48.3	44.0
Females	8,934	2,260	3,146	3,048	61	419
15 to 19	313	17	105	173	0	17
20 to 24	900	96	192	559	17	35
25 to 29	697	123	262	287	26	0
30 to 34	627	193	149	286	0	0
35 to 39	951	367	288	278	0	17
40 to 44	1,412	393	514	463	0	43
45 to 49	1,395	366	524	347	17	140
50 to 54	1,163	321	415	341	0	87
55 to 59	759	200	358	156	0	44
60 to 64	593	157	260	140	0	35
65 to 74	123	26	79	17	0	0
75 and over	0	0	0	0	0	0
Median	43.5	44.2	45.6	38.9	27.5	48.5

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 98. Sex and Ethnic origin (principal) by Occupation, CNMI: 2016

	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total	22,301	4,491	6,894	4,355	3,891	2,670
Chamorro	4,373	1,187	1,118	1,043	458	568
Carolinian	1,240	402	262	332	87	157
FSM	1,004	157	454	149	114	130
Palauan	638	140	104	236	17	140
Chinese	1,186	270	367	366	113	70
Filipino	12,199	1,821	3,999	2,003	2,920	1,457
Other Asian	1,035	270	365	192	147	61
Other	626	244	225	35	35	87
Males	13,367	2,231	3,748	1,307	3,830	2,251
Chamorro	2,754	601	829	359	432	533
Carolinian	629	122	227	52	87	140
FSM	541	70	192	52	96	130
Palauan	297	52	52	52	17	122
Chinese	601	165	210	78	113	35
Filipino	7,434	889	1,874	591	2,902	1,178
Other Asian	712	165	235	122	147	43
Other	399	165	129	0	35	70
Females	8,934	2,260	3,146	3,048	61	419
Chamorro	1,619	586	289	684	26	35
Carolinian	611	280	35	280	0	17
FSM	463	87	262	96	17	0
Palauan	341	88	52	184	0	17
Chinese	585	105	157	288	0	35
Filipino	4,764	931	2,125	1,412	17	279
Other Asian	323	105	130	70	0	17
Other	227	79	95	35	0	17

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 99. Sex and Birthplace by Occupation, CNMI: 2016

Birthplace	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total	22,301	4,491	6,894	4,355	3,891	2,670
Saipan/N.I.	6,494	1,561	1,788	1,742	547	856
Tinian	250	33	24	109	33	51
Rota	439	135	117	125	18	45
Guam	417	139	87	53	41	95
U.S.	349	226	17	35	17	52
FSM	759	105	392	70	79	113
Palau	306	96	43	131	17	17
China	1,116	270	349	313	113	70
Philippines	10,849	1,594	3,511	1,601	2,869	1,274
Other Asia	974	279	356	157	121	61
Elsewhere	348	52	208	17	35	35
Males	13,367	2,231	3,748	1,307	3,830	2,251
Saipan/N.I.	3,852	723	1,369	488	522	751
Tinian	176	33	24	35	33	51
Rota	313	90	90	71	18	45
Guam	259	52	53	17	41	95
U.S.	182	130	0	17	0	35
FSM	419	35	165	26	79	113
Palau	148	35	43	35	17	17
China	583	165	192	78	113	35
Philippines	6,556	768	1,456	451	2,851	1,030
Other Asia	643	165	226	87	121	43
Elsewhere	235	35	130	0	35	35
Females	8,934	2,260	3,146	3,048	61	419
Saipan/N.I.	2,642	838	419	1,254	26	105
Tinian	74	0	0	74	0	0
Rota	126	45	27	54	0	0
Guam	158	87	35	36	0	0
U.S.	166	96	17	17	17	17
FSM	341	70	227	44	0	0
Palau	158	61	0	96	0	0
China	532	105	157	235	0	35
Philippines	4,293	827	2,055	1,150	17	244
Other Asia	332	114	130	70	0	17
Elsewhere	113	17	78	17	0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 100. Sex and Citizenship, Year to area, Reason for migration by Occupation, CNMI: 2016

Citizenship Year of Entry Reason for Entry	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total	22,301	4,491	6,894	4,355	3,891	2,670
U.S. Citizen	8,783	2,424	2,242	2,299	700	1,117
Born in CNMI	7,236	1,763	1,947	1,976	598	952
Born in U.S./territory or parents	862	392	148	115	59	148
Naturalized U.S. citizen	685	269	148	208	44	17
Noncitizen	13,518	2,067	4,652	2,056	3,191	1,553
Noncitizen Green card	2,001	392	713	358	250	288
Other noncitizen	11,517	1,675	3,939	1,698	2,940	1,265
Males	13,367	2,231	3,748	1,307	3,830	2,251
U.S. Citizen	5,096	1,123	1,613	708	657	995
Born in CNMI	4,359	845	1,500	594	572	847
Born in U.S./territory or parents	476	182	78	44	41	130
Naturalized U.S. citizen	261	95	35	70	44	17
Noncitizen	8,271	1,108	2,134	599	3,173	1,256
Noncitizen Green card	1,069	201	347	70	250	200
Other noncitizen	7,202	906	1,787	529	2,923	1,056
Females	8,934	2,260	3,146	3,048	61	419
U.S. Citizen	3,686	1,301	629	1,591	43	122
Born in CNMI	2,877	918	446	1,382	26	105
Born in U.S./territory or parents	385	210	70	71	17	17
Naturalized U.S. citizen	424	174	113	138	0	0
Noncitizen	5,247	959	2,518	1,457	17	297
Noncitizen Green card	933	191	366	288	0	87
Other noncitizen	4,315	768	2,151	1,169	17	209
Total, year to CNMI	15,065	2,728	4,948	2,379	3,293	1,718
2016	1,031	105	332	192	315	87
2015	715	122	191	35	297	70
2013-2014	486	88	121	105	112	61
2010-2012	148	61	35	17	17	17
2005-2009	1,487	428	522	251	243	43
2000-2004	1,918	261	611	401	348	297
1990-1999	6,641	1,028	2,325	1,047	1,395	846
1980-1989	2,264	548	715	269	479	253
Before 1980	376	87	95	62	88	43
Total, reason for migration	15,065	2,728	4,948	2,379	3,293	1,718
Employment	12,798	2,108	4,284	1,819	3,103	1,483
Spouse of employed	235	61	78	70	8	17
Dependent of employed	304	43	105	78	26	52
Family subsistence	654	122	245	131	95	61
Family business	314	70	130	70	44	0
Visiting or vacation	436	182	52	131	0	70
Other reason	325	140	53	80	17	35

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 101. Sex and School attendance, Sex and Educational attainment by Occupation, CNMI: 2016

School attendance Educational Attainment	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total	22,301	4,491	6,894	4,355	3,891	2,670
No has not attended	21,161	4,169	6,615	3,920	3,873	2,584
Yes, public school or college	1,035	286	270	383	17	78
Yes, private school or college	104	35	9	52	0	8
 Males	 13,367	 2,231	 3,748	 1,307	 3,830	 2,251
No has not attended	12,916	2,109	3,591	1,202	3,830	2,182
Yes, public school or college	434	121	148	105	0	61
Yes, private school or college	17	0	9	0	0	8
 Females	 8,934	 2,260	 3,146	 3,048	 61	 419
No has not attended	8,246	2,060	3,024	2,717	43	401
Yes, public school or college	601	165	122	278	17	17
Yes, private school or college	87	35	0	52	0	0
 EDUCATIONAL ATTAINMENT						
Total	22,301	4,491	6,894	4,355	3,891	2,670
Less than 9th grade	741	52	217	52	314	105
9th to 12th grade	1,868	174	629	420	245	401
High school graduate	9,229	1,029	3,492	1,625	1,773	1,309
Some college	3,590	663	1,030	923	581	392
AA - academic	2,104	393	559	357	611	184
AA - occupational	821	289	210	201	87	35
BA	3,468	1,479	732	759	254	244
MS PhD or Professional degree	479	410	26	17	26	0
Percent High School graduate	88.3	94.9	87.7	89.1	85.6	81.0
Percent BA/BS or above	17.7	42.1	11.0	17.8	7.2	9.1
 Males	 13,367	 2,231	 3,748	 1,307	 3,830	 2,251
Less than 9th grade	523	17	104	17	314	70
9th to 12th grade	1,274	113	384	131	245	401
High school graduate	5,798	619	1,775	584	1,747	1,073
Some college	2,074	271	655	270	564	314
AA - academic	1,468	219	411	78	611	149
AA - occupational	358	113	123	17	70	35
BA	1,655	713	288	191	254	209
MS PhD or Professional degree	217	165	8	17	26	0
Percent High School graduate	86.6	94.1	87.0	88.5	85.4	79.1
Percent BA/BS or above	14.0	39.4	7.9	15.9	7.3	9.3
 Females	 8,934	 2,260	 3,146	 3,048	 61	 419
Less than 9th grade	218	35	113	35	0	35
9th to 12th grade	594	61	245	288	0	0
High school graduate	3,431	411	1,718	1,040	26	236
Some college	1,516	392	375	653	17	78
AA - academic	637	175	148	279	0	35
AA - occupational	463	176	87	183	17	0
BA	1,813	766	444	568	0	35
MS PhD or Professional degree	263	245	17	0	0	0
Percent High School graduate	90.9	95.8	88.7	89.3	98.4	91.6
Percent BA/BS or above	23.2	44.7	14.7	18.6	0.0	8.4

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 102. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Occupation, CNMI: 2016

Same/Different Residence in 2011 Residence in 2011	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total	22,301	4,491	6,894	4,355	3,891	2,670
Yes, this house	12,322	2,920	3,488	2,491	1,949	1,475
No elsewhere	9,979	1,571	3,407	1,864	1,942	1,195
Males	13,367	2,231	3,748	1,307	3,830	2,251
Yes, this house	7,258	1,454	1,980	741	1,914	1,169
No elsewhere	6,109	777	1,768	566	1,917	1,082
Females	8,934	2,260	3,146	3,048	61	419
Yes, this house	5,064	1,466	1,507	1,750	35	306
No elsewhere	3,869	794	1,639	1,297	26	113
Total	22,301	4,491	6,894	4,355	3,891	2,670
Saipan	17,397	3,546	5,519	3,371	2,786	2,175
Tinian	1,195	214	365	288	237	92
Rota	1,119	260	278	260	213	107
Guam	131	35	18	26	17	35
U.S.	408	122	139	52	8	87
FSM	52	0	35	0	17	0
China	280	70	87	70	35	17
Korea	17	0	0	17	0	0
Philippines	1,395	157	358	253	515	113
Elsewhere	305	87	95	17	62	43
Males	13,367	2,231	3,748	1,307	3,830	2,251
Saipan	10,305	1,755	3,048	996	2,733	1,773
Tinian	664	131	146	74	229	84
Rota	670	126	161	72	213	98
Guam	88	0	18	17	17	35
U.S.	269	61	113	0	8	87
FSM	52	0	35	0	17	0
China	157	35	35	35	35	17
Korea	0	0	0	0	0	0
Philippines	968	87	140	113	515	113
Elsewhere	192	35	52	0	62	43
Females	8,934	2,260	3,146	3,048	61	419
Saipan	7,092	1,791	2,471	2,376	52	402
Tinian	531	82	219	214	8	8
Rota	449	135	117	188	0	9
Guam	43	35	0	8	0	0
U.S.	139	60	26	52	0	0
FSM	0	0	0	0	0	0
China	122	35	52	35	0	0
Korea	17	0	0	17	0	0
Philippines	427	70	218	140	0	0
Elsewhere	113	52	43	17	0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 103a. Sex and Speak English at home, Sex and Language (non-English) spoken at home, Sex and Frequency of language other than English by Occupation, CNMI: 2016

	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total	22,301	4,491	6,894	4,355	3,891	2,670
Speak only English at home	2,866	567	897	783	122	498
Speak other language	19,435	3,924	5,997	3,572	3,769	2,172
Males	13,367	2,231	3,748	1,307	3,830	2,251
Speak only English at home	1,594	313	531	253	122	375
Speak other language	11,773	1,918	3,217	1,054	3,709	1,876
Females	8,934	2,260	3,146	3,048	61	419
Speak only English at home	1,272	254	366	530	0	122
Speak other language	7,662	2,007	2,780	2,518	61	297
Total, all languages	22,301	4,491	6,894	4,355	3,891	2,670
English only	2,866	567	897	783	122	498
Chamorro	3,773	1,117	865	826	484	481
Carolinian	943	280	262	245	87	70
FSM language	707	140	340	61	61	105
Palauan	359	105	35	131	17	70
Chinese	1,098	270	349	331	113	35
Korean	332	175	87	70	0	0
Filipino	11,171	1,637	3,634	1,751	2,850	1,299
Other language	1,051	200	425	157	156	113
Males	13,367	2,231	3,748	1,307	3,830	2,251
English only	1,594	313	531	253	122	375
Chamorro	2,423	550	672	280	458	463
Carolinian	437	87	175	35	70	70
FSM language	401	52	165	17	61	105
Palauan	210	52	35	35	17	70
Chinese	583	165	210	61	113	35
Korean	192	122	35	35	0	0
Filipino	6,824	793	1,640	504	2,832	1,055
Other language	703	95	286	87	156	78
Females	8,934	2,260	3,146	3,048	61	419
English only	1,272	254	366	530	0	122
Chamorro	1,350	568	193	546	26	17
Carolinian	507	192	87	210	17	0
FSM language	306	87	175	44	0	0
Palauan	149	53	0	96	0	0
Chinese	515	105	140	270	0	0
Korean	140	52	52	35	0	0
Filipino	4,347	844	1,994	1,247	17	244
Other language	348	105	139	70	0	35

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 103b. Sex and Speak English at home, Sex and Language (non-English) spoken at home, Sex and Frequency of language other than English by Occupation, CNMI: 2016

	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total, all frequencies	22,301	4,491	6,894	4,355	3,891	2,670
Yes, more frequently than English	13,063	2,220	4,364	2,008	2,944	1,526
Both equally often	4,531	1,302	1,137	961	633	498
No less frequently than English	1,754	402	462	568	174	148
Doesn't speak English	87	0	35	35	17	0
Speaks English only	2,866	567	897	783	122	498
Males	13,367	2,231	3,748	1,307	3,830	2,251
Yes, more frequently than English	8,301	1,157	2,299	582	2,919	1,343
Both equally often	2,513	595	586	288	616	428
No less frequently than English	925	166	332	166	156	104
Doesn't speak English	35	0	0	17	17	0
Speaks English only	1,594	313	531	253	122	375
Females	8,934	2,260	3,146	3,048	61	419
Yes, more frequently than English	4,762	1,063	2,065	1,426	26	183
Both equally often	2,018	707	551	673	17	70
No less frequently than English	829	236	130	402	17	44
Doesn't speak English	52	0	35	17	0	0
Speaks English only	1,272	254	366	530	0	122

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 104. Sex and Industry by Occupation, CNMI: 2016

Industry	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total	22,301	4,491	6,894	4,355	3,891	2,670
Agriculture fishing quarrying utilities	235	17	8	18	60	132
Construction	2,141	130	69	157	1,489	296
Manufacturing	548	35	35	78	95	305
Wholesale and retail trade	2,783	503	70	1,375	401	435
Transport and warehousing	1,109	201	280	244	87	297
Information finance real estate	1,062	332	94	349	191	96
Professional scientific technical	402	175	35	105	52	35
Administrative support	1,436	157	792	165	234	87
Educational services	1,165	907	43	146	61	9
Health care and social assist	1,222	725	165	305	9	17
Arts entertainment recreation	1,371	78	603	350	166	175
Accommodation and food service	5,200	375	3,410	699	384	332
Other service (exc. public administration)	1,290	52	609	26	375	227
Public Administration	2,336	804	682	338	286	226
Males	13,367	2,231	3,748	1,307	3,830	2,251
Agriculture fishing quarrying utilities	217	17	8	0	60	132
Construction	1,959	113	51	17	1,481	296
Manufacturing	358	0	0	17	95	245
Wholesale and retail trade	1,652	286	52	495	401	417
Transport and warehousing	812	166	140	157	87	262
Information finance real estate	634	218	59	96	191	70
Professional scientific technical	227	105	35	17	52	17
Administrative support	1,114	104	601	87	234	87
Educational services	337	251	16	17	43	9
Health care and social assist	297	219	35	17	9	17
Arts entertainment recreation	865	60	350	114	166	175
Accommodation and food service	2,731	218	1,744	105	384	280
Other service (exc. public administration)	575	17	113	17	358	70
Public Administration	1,588	455	542	149	268	174
Females	8,934	2,260	3,146	3,048	61	419
Agriculture fishing quarrying utilities	18	0	0	18	0	0
Construction	183	17	17	140	8	0
Manufacturing	191	35	35	61	0	61
Wholesale and retail trade	1,131	217	17	880	0	17
Transport and warehousing	297	35	140	87	0	35
Information finance real estate	428	114	35	252	0	26
Professional scientific technical	175	70	0	87	0	17
Administrative support	321	52	191	78	0	0
Educational services	828	655	26	129	17	0
Health care and social assist	925	507	130	288	0	0
Arts entertainment recreation	506	17	252	236	0	0
Accommodation and food service	2,469	157	1,666	594	0	52
Other service (exc. public administration)	715	35	496	9	17	157
Public Administration	748	349	140	189	17	52

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 105. Sex and Class of worker, Sex and Total income by Occupation, CNMI: 2016

Class of Worker Person's income	Total	Management, Business, Science & Arts	Service	Sales and Office	Nat resources, Construction, Maintenance	Production, Transportation, Material moving
Total	22,301	4,491	6,894	4,355	3,891	2,670
Private company	18,105	2,459	6,024	3,713	3,519	2,391
CNMI government	3,733	1,797	757	607	328	244
US/other government	254	122	71	26	0	35
Self-employed/working without pay	209	113	43	9	44	0
Males	13,367	2,231	3,748	1,307	3,830	2,251
Private company	11,164	1,368	3,129	1,132	3,493	2,042
CNMI government	1,880	697	531	167	293	192
US/other government	158	70	62	9	0	17
Self-employed/working without pay	165	95	26	0	44	0
Females	8,934	2,260	3,146	3,048	61	419
Private company	6,942	1,091	2,894	2,582	26	349
CNMI government	1,852	1,100	226	440	35	52
US/other government	96	52	9	17	0	17
Self-employed/working without pay	44	17	17	9	0	0
Total, all income	22,301	4,491	6,894	4,355	3,891	2,670
No income	1,831	113	689	532	340	157
\$1 to \$4999	1,019	114	410	191	174	131
\$5000 to \$9999	2,548	201	1,247	359	445	295
\$10000 to \$11249	1,552	140	576	375	295	165
\$11250 to \$12499	3,934	384	1,324	965	800	462
\$12500 to \$13749	3,567	314	1,047	582	952	673
\$13750 to \$14999	4,674	471	1,412	792	1,161	838
\$15000 to \$17499	2,546	419	889	594	354	289
\$17500 to \$19999	3,852	803	1,132	880	573	464
\$20000 to \$24999	1,569	645	296	323	157	148
\$25000 to \$49999	2,228	1,255	332	261	224	157
\$50000 or more	645	505	52	52	17	17
Median	\$ 12,784	\$ 18,279	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,545
Males	13,367	2,231	3,748	1,307	3,830	2,251
No income	994	78	315	140	323	139
\$1 to \$4999	566	35	278	17	165	70
\$5000 to \$9999	1,247	79	391	79	445	252
\$10000 to \$11249	933	87	315	122	295	113
\$11250 to \$12499	2,352	192	725	278	782	375
\$12500 to \$13749	2,505	175	602	191	952	585
\$13750 to \$14999	3,227	262	836	217	1,161	751
\$15000 to \$17499	1,639	245	619	166	354	254
\$17500 to \$19999	2,476	429	767	279	573	429
\$20000 to \$24999	977	340	191	175	157	113
\$25000 to \$49999	1,163	538	210	104	206	105
\$50000 or more	365	278	35	17	17	17
Median	\$ 12,984	\$ 17,523	\$ 12,546	\$ 13,260	\$ 12,500	\$ 12,724
Females	8,934	2,260	3,146	3,048	61	419
No income	837	35	375	393	17	17
\$1 to \$4999	453	79	132	173	8	61
\$5000 to \$9999	1,301	122	855	280	0	43
\$10000 to \$11249	618	52	261	253	0	52
\$11250 to \$12499	1,583	192	599	687	17	87
\$12500 to \$13749	1,063	139	445	391	0	87
\$13750 to \$14999	1,447	209	576	575	0	87
\$15000 to \$17499	907	174	270	428	0	35
\$17500 to \$19999	1,376	375	366	601	0	35
\$20000 to \$24999	592	305	105	148	0	35
\$25000 to \$49999	1,065	717	122	156	17	52
\$50000 or more	280	227	17	35	0	0
Median	\$ 12,500	\$ 19,143	\$ 11,830	\$ 12,500	\$ 10,669	\$ 12,500

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 106a. Sex and age5 15+ by Industry, CNMI: 2016

Sex Age	Total	Agri., fishing, quarrying, utilities	Construction	Manufacturing	Wholesale and retail trade	Transport and warehousing	Inform., finance, real estate	Professional scientific technical
Total	22,301	235	2,141	548	2,783	1,109	1,062	402
15 to 19	748	0	8	17	217	0	61	17
20 to 24	2,182	9	129	35	192	79	87	35
25 to 29	1,727	0	68	0	183	122	61	52
30 to 34	1,604	17	122	52	217	17	104	70
35 to 39	2,238	52	263	70	269	122	95	17
40 to 44	3,075	0	323	78	479	184	165	70
45 to 49	3,355	17	252	105	400	280	165	87
50 to 54	3,153	44	340	69	348	113	149	35
55 to 59	2,249	87	305	70	269	122	96	17
60 to 64	1,350	8	192	35	175	52	43	0
65 to 74	584	0	121	17	17	17	35	0
75 and over	35	0	17	0	17	0	0	0
Median	44.3	52.5	48.1	46.0	43.3	45.5	43.7	40.6
Males	13,367	217	1,959	358	1,652	812	634	227
15 to 19	434	0	8	17	139	0	52	0
20 to 24	1,282	9	112	17	95	61	70	0
25 to 29	1,030	0	60	0	105	52	8	17
30 to 34	976	17	87	35	156	17	52	52
35 to 39	1,287	43	245	35	104	122	43	0
40 to 44	1,662	0	288	52	304	114	121	52
45 to 49	1,960	17	252	52	252	210	61	70
50 to 54	1,990	35	270	43	148	113	114	35
55 to 59	1,491	87	305	70	200	87	52	0
60 to 64	757	8	192	17	114	17	26	0
65 to 74	462	0	121	17	17	17	35	0
75 and over	35	0	17	0	17	0	0	0
Median	45.0	53.1	48.5	47.1	43.7	45.9	43.8	44.2
Females	8,934	18	183	191	1,131	297	428	175
15 to 19	313	0	0	0	78	0	8	17
20 to 24	900	0	17	17	96	17	17	35
25 to 29	697	0	8	0	78	70	52	35
30 to 34	627	0	35	17	61	0	52	17
35 to 39	951	9	17	35	165	0	52	17
40 to 44	1,412	0	35	26	175	70	44	17
45 to 49	1,395	0	0	52	148	70	105	17
50 to 54	1,163	9	70	26	200	0	35	0
55 to 59	759	0	0	0	69	35	44	17
60 to 64	593	0	0	17	61	35	17	0
65 to 74	123	0	0	0	0	0	0	0
75 and over	0	0	0	0	0	0	0	0
Median	43.5	45.0	41.9	45.0	42.5	44.4	43.6	30.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 106b. Sex and age 15+ by Industry, CNMI: 2016

Sex Age	Total	Agri., fishing, quarrying, utilities	Construction	Manufacturing	Wholesale and retail trade	Transport and warehousing	Inform., finance, real estate
Total	1,436	1,165	1,222	1,371	5,200	1,290	2,336
15 to 19	17	35	0	70	288	0	17
20 to 24	114	52	122	332	734	35	227
25 to 29	156	79	61	349	280	0	316
30 to 34	113	61	122	79	297	95	235
35 to 39	96	165	158	96	480	51	303
40 to 44	208	156	193	156	575	149	338
45 to 49	243	217	184	78	742	279	306
50 to 54	183	173	130	123	819	304	324
55 to 59	140	165	140	35	558	167	78
60 to 64	113	43	95	0	270	158	165
65 to 74	52	17	17	53	157	52	26
75 and over	0	0	0	0	0	0	0
Median	45.3	45.8	43.9	29.1	44.5	50.6	41.0
Males	1,114	337	297	865	2,731	575	1,588
15 to 19	0	17	0	35	148	0	17
20 to 24	79	0	17	227	402	17	175
25 to 29	130	52	0	210	157	0	237
30 to 34	104	9	17	61	140	43	183
35 to 39	78	9	52	61	253	51	190
40 to 44	156	51	61	87	148	79	148
45 to 49	208	43	61	43	305	139	246
50 to 54	122	61	52	70	541	149	237
55 to 59	122	78	0	17	358	35	78
60 to 64	61	8	35	0	157	44	78
65 to 74	52	8	0	53	122	17	0
75 and over	0	0	0	0	0	0	0
Median	45.2	48.4	45.0	29.1	46.9	48.5	39.8
Females	321	828	925	506	2,469	715	748
15 to 19	17	17	0	35	140	0	0
20 to 24	35	52	105	105	332	17	52
25 to 29	26	26	61	140	122	0	79
30 to 34	8	52	104	17	157	52	52
35 to 39	17	156	105	35	227	0	113
40 to 44	52	105	131	70	427	70	190
45 to 49	35	173	123	35	437	139	61
50 to 54	61	113	78	52	278	156	87
55 to 59	17	87	140	17	200	131	0
60 to 64	52	35	61	0	113	114	87
65 to 74	0	9	17	0	35	35	26
75 and over	0	0	0	0	0	0	0
Median	45.7	45.1	43.3	29.0	43.0	52.5	42.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 107a. Sex and Ethnic origin (principal) by Industry, CNMI: 2016

Ethnicity	Total	Agri., fishing, quarrying, utilities	Construction	Manufacturing	Wholesale and retail trade	Transport and warehousing	Inform., finance, real estate	Professional scientific technical
Total	22,301	235	2,141	548	2,783	1,109	1,062	402
Chamorro	4,373	61	206	61	330	157	207	70
Carolinian	1,240	17	0	17	140	52	35	35
FSM	1,004	0	0	17	104	87	35	17
Palauan	638	0	8	17	140	87	52	0
Chinese	1,186	8	70	17	383	140	70	17
Filipino	12,199	149	1,753	418	1,521	428	514	227
Other Asian	1,035	0	86	0	147	157	95	0
Other	626	0	17	0	17	0	52	35
Males	13,367	217	1,959	358	1,652	812	634	227
Chamorro	2,754	61	198	35	218	139	121	17
Carolinian	629	17	0	17	87	52	0	17
FSM	541	0	0	17	78	87	17	0
Palauan	297	0	8	0	35	70	17	0
Chinese	601	8	70	0	148	87	35	17
Filipino	7,434	131	1,578	288	939	288	348	157
Other Asian	712	0	86	0	129	87	78	0
Other	399	0	17	0	17	0	17	17
Females	8,934	18	183	191	1,131	297	428	175
Chamorro	1,619	0	8	26	113	17	87	52
Carolinian	611	0	0	0	52	0	35	17
FSM	463	0	0	0	26	0	17	17
Palauan	341	0	0	17	105	17	35	0
Chinese	585	0	0	17	235	52	35	0
Filipino	4,764	18	175	130	582	140	166	70
Other Asian	323	0	0	0	17	70	17	0
Other	227	0	0	0	0	0	35	17

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 107b. Sex and Ethnic origin (principal) by Industry, CNMI: 2016

Ethnicity	Administrative support	Educational services	Health care & social assistance	Arts, entertainment, recreation	Accommodation & food service	Other service (exc. public admin.)	Public Administration
Total	1,436	1,165	1,222	1,371	5,200	1,290	2,336
Chamorro	192	313	454	349	524	87	1,362
Carolinian	17	87	210	87	227	17	297
FSM	122	105	0	70	314	17	114
Palauan	26	52	53	35	52	17	96
Chinese	113	17	0	70	210	70	0
Filipino	748	504	505	621	3,488	985	336
Other Asian	183	0	0	52	210	96	9
Other	33	86	0	87	175	0	122
Males	1,114	337	297	865	2,731	575	1,588
Chamorro	174	78	149	314	253	87	909
Carolinian	17	0	52	70	122	0	175
FSM	122	17	0	35	87	0	79
Palauan	9	35	17	35	0	17	52
Chinese	95	0	0	0	122	17	0
Filipino	505	172	79	315	1,989	392	251
Other Asian	165	0	0	44	52	61	9
Other	25	34	0	52	105	0	113
Females	321	828	925	506	2,469	715	748
Chamorro	17	234	306	35	271	0	453
Carolinian	0	87	157	17	105	17	122
FSM	0	87	0	35	227	17	35
Palauan	17	17	35	0	52	0	44
Chinese	17	17	0	70	87	52	0
Filipino	243	332	426	306	1,499	592	85
Other Asian	17	0	0	8	157	35	0
Other	8	52	0	35	70	0	9

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 108a. Sex and Birthplace by Industry, CNMI: 2016

Birthplace	Total	Agri., fishing, quarrying, utilities	Construction	Manufacturing	Wholesale and retail trade	Transport and warehousing	Inform., finance, real estate	Professional scientific technical
Total	22,301	235	2,141	548	2,783	1,109	1,062	402
Saipan	6,477	70	182	113	661	305	348	122
Tinian	250	8	42	0	34	0	16	0
Rota	439	9	18	0	0	9	18	0
N. Islands	17	0	0	0	0	17	0	0
Guam	417	0	16	17	26	0	26	0
U.S.	349	0	17	0	35	0	17	35
FSM	759	0	0	0	70	87	17	0
Palau	341	0	8	0	87	35	35	0
China	1,116	8	70	17	383	140	70	17
Korea	314	0	0	0	52	70	52	0
Philippines	10,849	140	1,702	401	1,375	358	410	227
Elsewhere	973	0	86	0	59	87	52	0
Males	13,367	217	1,959	358	1,652	812	634	227
Saipan	3,835	70	156	70	401	235	200	35
Tinian	176	8	24	0	34	0	8	0
Rota	313	9	18	0	0	9	9	0
N. Islands	17	0	0	0	0	17	0	0
Guam	259	0	16	17	17	0	26	0
U.S.	182	0	17	0	17	0	17	17
FSM	419	0	0	0	43	87	0	0
Palau	165	0	8	0	17	17	0	0
China	583	8	70	0	148	87	35	17
Korea	175	0	0	0	52	52	35	0
Philippines	6,556	122	1,562	270	862	271	261	157
Elsewhere	686	0	86	0	59	35	43	0
Females	8,934	18	183	191	1,131	297	428	175
Saipan	2,642	0	26	43	261	70	148	87
Tinian	74	0	17	0	0	0	8	0
Rota	126	0	0	0	0	0	9	0
N. Islands	0	0	0	0	0	0	0	0
Guam	158	0	0	0	9	0	0	0
U.S.	166	0	0	0	17	0	0	17
FSM	341	0	0	0	26	0	17	0
Palau	175	0	0	0	70	17	35	0
China	532	0	0	17	235	52	35	0
Korea	140	0	0	0	0	17	17	0
Philippines	4,293	18	140	130	512	87	149	70
Elsewhere	287	0	0	0	0	52	9	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 108b. Sex and Birthplace by Industry, CNMI: 2016

Birthplace	Administrative support	Educational services	Health care & social assistance	Arts, entertainment, recreation	Accommodation & food service	Other service (exc. public admin.)	Public Administration
Total	1,436	1,165	1,222	1,371	5,200	1,290	2,336
Saipan	288	401	620	533	1,293	130	1,411
Tinian	0	16	8	16	43	0	66
Rota	18	27	36	26	27	0	251
N. Islands	0	0	0	0	0	0	0
Guam	9	61	44	70	43	0	104
U.S.	9	86	35	17	0	0	96
FSM	105	87	0	35	280	17	61
Palau	0	35	26	17	17	17	61
China	95	17	0	52	175	70	0
Korea	17	0	0	0	87	17	17
Philippines	704	434	453	481	2,956	967	241
Elsewhere	190	0	0	122	280	70	26
Males	1,114	337	297	865	2,731	575	1,588
Saipan	235	87	192	393	734	95	931
Tinian	0	8	0	16	43	0	34
Rota	18	18	9	26	0	0	197
N. Islands	0	0	0	0	0	0	0
Guam	9	17	0	52	43	0	61
U.S.	9	34	0	0	0	0	70
FSM	105	17	0	17	87	0	61
Palau	0	17	17	17	0	17	52
China	95	0	0	0	105	17	0
Korea	0	0	0	0	17	17	0
Philippines	461	137	79	246	1,579	392	156
Elsewhere	182	0	0	96	122	35	26
Females	321	828	925	506	2,469	715	748
Saipan	52	313	428	140	559	35	480
Tinian	0	8	8	0	0	0	33
Rota	0	9	27	0	27	0	54
N. Islands	0	0	0	0	0	0	0
Guam	0	44	44	17	0	0	44
U.S.	0	52	35	17	0	0	26
FSM	0	70	0	17	192	17	0
Palau	0	17	9	0	17	0	9
China	0	17	0	52	70	52	0
Korea	17	0	0	0	70	0	17
Philippines	243	297	374	236	1,377	575	85
Elsewhere	8	0	0	26	157	35	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 109a. Sex and Citizenship, Year to area, Reason for migration by Industry, CNMI: 2016

Citizenship Year and reason for entry	Total	Agri., fishing, quarrying, utilities	Construction	Manufacturing	Wholesale and retail trade	Transport and warehousing	Inform., finance, real estate	Professional scientific technical
Total, reason for migration	22,301	235	2,141	548	2,783	1,109	1,062	402
U.S. Citizen	8,783	87	318	130	929	384	452	175
Born in CNMI	7,236	87	241	113	713	332	382	122
Born in U.S./territory or parents	862	0	42	17	61	0	52	35
Naturalized U.S. citizen	685	0	35	0	155	52	17	17
Noncitizen	13,518	148	1,823	418	1,854	725	610	227
Noncitizen Green card	2,001	17	191	17	200	122	130	0
Other noncitizen	11,517	131	1,632	401	1,654	603	479	227
Males	13,367	217	1,959	358	1,652	812	634	227
U.S. Citizen	5,096	87	258	87	547	279	260	70
Born in CNMI	4,359	87	198	70	434	262	217	35
Born in U.S./territory or parents	476	0	42	17	35	0	43	17
Naturalized U.S. citizen	261	0	17	0	78	17	0	17
Noncitizen	8,271	131	1,701	270	1,104	533	374	157
Noncitizen Green card	1,069	17	191	0	95	87	43	0
Other noncitizen	7,202	113	1,510	270	1,009	446	331	157
Females	8,934	18	183	191	1,131	297	428	175
U.S. Citizen	3,686	0	61	43	382	105	191	105
Born in CNMI	2,877	0	43	43	278	70	165	87
Born in U.S./territory or parents	385	0	0	0	26	0	9	17
Naturalized U.S. citizen	424	0	17	0	77	35	17	0
Noncitizen	5,247	18	122	148	750	192	236	70
Noncitizen Green card	933	0	0	17	105	35	87	0
Other noncitizen	4,315	18	122	130	645	157	149	70
Total, year to CNMI	15,065	148	1,900	436	2,070	778	679	280
2016	1,031	17	263	0	52	0	52	0
2015	715	0	227	17	61	35	0	17
2013-2014	486	8	51	17	35	35	52	35
2010-2012	148	0	0	0	17	0	17	17
2005-2009	1,487	0	131	35	208	122	105	0
2000-2004	1,918	9	165	105	348	70	95	70
1990-1999	6,641	87	706	226	976	376	217	105
1980-1989	2,264	26	313	35	356	105	122	17
Before 1980	376	0	43	0	17	35	17	17
Total, reason for migration	15,065	148	1,900	436	2,070	778	679	280
Employment	12,798	131	1,815	418	1,720	603	488	210
Spouse of employed	235	0	0	0	35	17	52	17
Dependent of employed	304	17	8	17	35	17	0	35
Family subsistence	654	0	51	0	114	52	35	0
Family business	314	0	26	0	52	0	17	0
Missionary activities	0	0	0	0	0	0	0	0
Medical reasons	0	0	0	0	0	0	0	0
Visiting or vacation	436	0	0	0	79	87	35	0
Other reason	325	0	0	0	35	0	52	17

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 109b. Sex and Citizenship, Year to area, Reason for migration by Industry, CNMI: 2016

Citizenship Year and reason for entry	Administrative support	Educational services	Health care & social assistance	Arts, entertainment, recreation	Accommodati on & food service	Other service (exc. public admin.)	Public Administration
Total, reason for migration	1,436	1,165	1,222	1,371	5,200	1,290	2,336
U.S. Citizen	341	705	795	681	1,581	139	2,066
Born in CNMI	306	461	664	576	1,380	130	1,728
Born in U.S./territory or parents	18	148	79	87	78	0	244
Naturalized U.S. citizen	17	96	53	18	122	8	94
Noncitizen	1,095	460	427	690	3,619	1,152	270
Noncitizen Green card	227	156	78	61	560	113	129
Other noncitizen	867	305	349	629	3,060	1,039	141
Males	1,114	337	297	865	2,731	575	1,588
U.S. Citizen	289	200	210	497	872	104	1,336
Born in CNMI	253	113	201	436	794	95	1,162
Born in U.S./territory or parents	18	51	0	52	43	0	157
Naturalized U.S. citizen	17	35	9	9	35	8	17
Noncitizen	826	137	87	368	1,858	472	252
Noncitizen Green card	157	51	35	17	227	26	121
Other noncitizen	668	86	52	350	1,631	446	132
Females	321	828	925	506	2,469	715	748
U.S. Citizen	52	505	585	184	708	35	730
Born in CNMI	52	348	463	140	586	35	566
Born in U.S./territory or parents	0	96	79	35	35	0	87
Naturalized U.S. citizen	0	61	44	9	87	0	77
Noncitizen	269	323	339	322	1,761	680	17
Noncitizen Green card	70	104	43	43	332	87	8
Other noncitizen	199	219	297	279	1,429	592	9
Total, year to CNMI	1,130	704	558	795	3,820	1,160	608
2016	105	35	35	175	262	17	17
2015	78	35	35	35	113	17	44
2013-2014	52	0	0	70	95	26	9
2010-2012	17	8	17	35	17	0	0
2005-2009	102	157	70	122	332	86	17
2000-2004	61	88	26	158	568	122	35
1990-1999	628	137	271	113	1,865	699	234
1980-1989	70	209	60	79	515	175	181
Before 1980	17	35	44	9	52	17	70
Total, reason for migration	1,130	704	558	795	3,820	1,160	608
Employment	937	512	453	708	3,375	1,098	330
Spouse of employed	35	9	0	0	61	0	8
Dependent of employed	17	0	17	17	52	0	69
Family subsistence	35	17	35	35	157	44	78
Family business	70	17	0	0	87	17	26
Missionary activities	0	0	0	0	0	0	0
Medical reasons	0	0	0	0	0	0	0
Visiting or vacation	26	95	17	17	70	0	8
Other reason	9	52	35	17	17	0	89

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 110a. Sex and Educational attainment by Industry, CNMI: 2016

Educational Attainment	Total	Agri., fishing, quarrying, utilities	Construction	Manufacturing	Wholesale and retail trade	Transport and warehousing	Inform., finance, real estate	Professional scientific technical
Total	19,371	226	2,004	496	2,375	1,030	914	349
Less than 9th grade	733	26	96	0	70	17	87	0
9th to 12th grade	1,354	70	52	17	219	105	52	0
High school graduate	7,876	60	984	156	928	532	304	52
Some college	2,945	35	278	61	399	122	148	70
AA - academic	1,834	27	235	87	201	87	43	52
AA - occupational	752	0	17	52	114	17	26	0
BA	3,398	9	341	122	426	114	235	157
MS PhD or Professional degree	479	0	0	0	17	35	17	17
Percent High School Grad	89.2	58	92.6	96.4	87.8	88.1	84.6	99.7
Percent BA/BS or above	20	4	17	24.6	18.7	14.5	27.6	49.9
Males	11,650	209	1,839	323	1,418	751	512	227
Less than 9th grade	515	26	96	0	70	17	70	0
9th to 12th grade	952	70	52	17	140	105	0	0
High school graduate	4,908	51	958	95	607	358	155	35
Some college	1,778	35	278	17	235	52	87	52
AA - academic	1,355	27	218	87	131	52	35	35
AA - occupational	341	0	0	35	52	17	17	0
BA	1,585	0	236	70	165	114	148	87
MS PhD or Professional degree	217	0	0	0	17	35	0	17
Percent High School Grad	87.4	54.1	91.9	94.1	85.1	83.6	86.3	99.6
Percent BA/BS or above	15.5	0	12.8	21.7	12.8	19.8	28.9	45.8
Females	7,721	18	165	173	957	280	402	122
Less than 9th grade	218	0	0	0	0	0	17	0
9th to 12th grade	402	0	0	0	79	0	52	0
High school graduate	2,968	9	26	61	321	175	149	17
Some college	1,167	0	0	43	164	70	61	17
AA - academic	479	0	17	0	70	35	8	17
AA - occupational	411	0	17	17	61	0	9	0
BA	1,813	9	105	52	261	0	87	70
MS PhD or Professional degree	263	0	0	0	0	0	17	0
Percent High School Grad	92	100	100	100	91.6	100	82.3	99.2
Percent BA/BS or above	26.9	50	63.6	30.1	27.3	0	25.9	57.4

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 110b. Sex and Educational attainment by Industry, CNMI: 2016

Educational Attainment	Administrative support	Educational services	Health care & social assistance	Arts, entertainment, recreation	Accommodation & food service	Other service (exc. public admin.)	Public Administration
Total	1,304	1,078	1,100	969	4,178	1,255	2,092
Less than 9th grade	61	0	17	35	218	61	44
9th to 12th grade	87	17	9	70	402	105	148
High school graduate	599	156	279	480	1,847	619	880
Some college	192	147	184	35	638	156	480
AA - academic	122	105	70	122	385	148	149
AA - occupational	8	61	88	26	193	17	131
BA	200	400	365	184	497	130	217
MS PhD or Professional degree	34	192	87	17	0	17	44
Percent High School Grad	88.6	98.4	97.5	89.2	85.2	86.6	90.9
Percent BA/BS or above	17.9	54.9	41.1	20.7	11.9	11.7	12.5
Total	1,035	319	280	603	2,181	558	1,396
Less than 9th grade	44	0	0	35	105	9	44
9th to 12th grade	70	17	0	70	192	70	148
High school graduate	496	69	61	298	914	191	620
Some college	157	43	44	9	385	113	270
AA - academic	105	35	17	122	236	105	149
AA - occupational	0	17	17	26	122	0	35
BA	130	112	87	26	227	70	113
MS PhD or Professional degree	34	26	52	17	0	0	17
Percent High School Grad	89.1	94.7	99.3	82.6	86.4	85.8	86.2
Percent BA/BS or above	15.8	43.3	49.6	7.1	10.4	12.5	9.3
Total	269	758	820	366	1,997	697	696
Less than 9th grade	17	0	17	0	113	52	0
9th to 12th grade	17	0	9	0	210	35	0
High school graduate	104	87	217	182	933	428	260
Some college	35	104	140	26	253	44	209
AA - academic	17	70	52	0	149	43	0
AA - occupational	8	43	71	0	70	17	96
BA	70	289	278	157	270	61	104
MS PhD or Professional degree	0	166	35	0	0	17	26
Percent High School Grad	87	100.1	96.7	99.7	83.9	87.5	99.9
Percent BA/BS or above	26	60	38.2	42.9	13.5	11.2	18.7

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 111a. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Industry, CNMI: 2016

Same/Different house Residence in 2011	Total	Agri., fishing, quarrying, utilities	Construction	Manufacturing	Wholesale and retail trade	Transport and warehousing	Inform., finance, real estate	Professional scientific technical
Total	22,301	235	2,141	548	2,783	1,109	1,062	402
This house in 2011	12,322	175	965	375	1,557	550	732	262
Elsewhere in 2011	9,979	61	1,177	173	1,226	559	329	140
Males	13,367	217	1,959	358	1,652	812	634	227
This house in 2011	7,258	157	860	245	895	410	453	157
Elsewhere in 2011	6,109	61	1,099	113	757	402	182	70
Females	8,934	18	183	191	1,131	297	428	175
This house in 2011	5,064	18	105	130	662	140	280	105
Elsewhere in 2011	3,869	0	78	61	469	157	148	70
Total, residence in 2011	22,301	235	2,141	548	2,783	1,109	1,062	402
Saipan	17,397	140	1,388	515	2,244	978	856	349
Tinian	1,195	16	115	16	181	8	57	0
Rota	1,119	54	132	0	54	18	36	0
Guam	131	0	17	0	35	0	0	0
U.S.	408	0	8	0	78	17	26	0
FSM	52	0	0	0	0	17	0	0
China	280	0	17	0	52	52	17	17
Korea	17	0	0	0	0	0	0	0
Philippines	1,395	26	437	17	121	17	52	35
Elsewhere	305	0	26	0	17	0	17	0
Males	13,367	217	1,959	358	1,652	812	634	227
Saipan	10,305	140	1,248	340	1,327	699	489	192
Tinian	664	16	107	0	89	8	41	0
Rota	670	36	132	0	9	18	9	0
Guam	88	0	17	0	17	0	0	0
U.S.	269	0	8	0	52	17	8	0
FSM	52	0	0	0	0	17	0	0
China	157	0	17	0	35	35	17	17
Korea	0	0	0	0	0	0	0	0
Philippines	968	26	402	17	104	17	52	17
Elsewhere	192	0	26	0	17	0	17	0
Females	8,934	18	183	191	1,131	297	428	175
Saipan	7,092	0	140	175	917	280	367	157
Tinian	531	0	8	16	92	0	16	0
Rota	449	18	0	0	45	0	27	0
Guam	43	0	0	0	17	0	0	0
U.S.	139	0	0	0	26	0	17	0
China	122	0	0	0	17	17	0	0
Korea	17	0	0	0	0	0	0	0
Philippines	427	0	35	0	17	0	0	17
Elsewhere	113	0	0	0	0	0	0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 111b. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Industry, CNMI: 2016

Same/Different house Residence in 2011	Administrative support	Educational services	Health care & social assistance	Arts, entertainment, recreation	Accommodation & food service	Other service (exc. public admin.)	Public Administration
Total	1,436	1,165	1,222	1,371	5,200	1,290	2,336
This house in 2011	661	711	882	454	2,573	863	1,562
Elsewhere in 2011	774	454	340	917	2,627	427	774
Males	1,114	337	297	865	2,731	575	1,588
This house in 2011	513	215	166	306	1,405	401	1,075
Elsewhere in 2011	601	122	131	560	1,326	174	513
Females	321	828	925	506	2,469	715	748
This house in 2011	148	496	716	149	1,168	462	487
Elsewhere in 2011	173	332	209	357	1,301	253	261
Total, residence in 2011	1,436	1,165	1,222	1,371	5,200	1,290	2,336
Saipan	1,100	865	978	856	4,437	1,083	1,607
Tinian	73	115	49	85	193	65	222
Rota	9	63	108	81	108	90	368
Guam	9	17	0	35	0	0	17
U.S.	9	0	35	87	35	0	113
FSM	17	0	0	0	17	0	0
China	52	0	0	35	17	17	0
Korea	0	0	0	0	17	0	0
Philippines	105	35	52	175	288	35	0
Elsewhere	61	70	0	17	87	0	9
Males	1,114	337	297	865	2,731	575	1,588
Saipan	882	227	262	542	2,384	472	1,101
Tinian	65	74	0	34	66	33	131
Rota	9	18	18	63	36	54	269
Guam	9	0	0	35	0	0	9
U.S.	9	0	0	70	35	0	70
FSM	17	0	0	0	17	0	0
China	35	0	0	0	0	0	0
Korea	0	0	0	0	0	0	0
Philippines	35	0	17	105	157	17	0
Elsewhere	52	17	0	17	35	0	9
Females	321	828	925	506	2,469	715	748
Saipan	218	638	716	314	2,053	611	507
Tinian	8	41	49	51	127	33	91
Rota	0	45	90	18	72	36	99
Guam	0	17	0	0	0	0	8
U.S.	0	0	35	17	0	0	44
China	17	0	0	35	17	17	0
Korea	0	0	0	0	17	0	0
Philippines	70	35	35	70	130	17	0
Elsewhere	8	52	0	0	52	0	0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 112a. Sex and Speak English at home, Sex and Language (non-English) spoken at home, Sex and Frequency of language other than English by Industry, CNMI: 2016

Language Spoken Frequency of English	Total	Agri., fishing, quarrying, utilities	Construction	Manufacturing	Wholesale and retail trade	Transport and warehousing	Inform., finance, real estate	Professional scientific technical
Total	22,301	235	2,141	548	2,783	1,109	1,062	402
Speaks only English	2,866	35	60	52	364	70	182	52
Speaks other language	19,435	200	2,081	496	2,419	1,039	880	349
Males	13,367	217	1,959	358	1,652	812	634	227
Speaks only English	1,594	35	60	52	217	35	113	35
Speaks other language	11,773	182	1,898	305	1,435	777	521	192
Females	8,934	18	183	191	1,131	297	428	175
Speaks only English	1,272	0	0	0	148	35	69	17
Speaks other language	7,662	18	183	191	984	262	359	157
Total, language spoken	22,301	235	2,141	548	2,783	1,109	1,062	402
English only	2,866	35	60	52	364	70	182	52
Chamorro	3,773	61	206	61	305	157	200	52
Carolinian	943	17	0	17	52	52	17	35
FSM language	707	0	0	0	26	87	17	17
Palauan	359	0	0	0	52	52	35	0
Chinese	1,098	8	70	0	366	140	70	17
Korean	332	0	0	0	87	70	52	0
Filipino	11,171	114	1,719	401	1,453	393	427	227
Other language	1,051	0	86	17	77	87	61	0
Males	13,367	217	1,959	358	1,652	812	634	227
English only	1,594	35	60	52	217	35	113	35
Chamorro	2,423	61	198	17	192	157	113	0
Carolinian	437	17	0	17	35	35	0	17
FSM language	401	0	0	0	17	87	0	0
Palauan	210	0	0	0	0	35	17	0
Chinese	583	8	70	0	130	87	35	17
Korean	192	0	0	0	70	52	35	0
Filipino	6,824	96	1,544	270	913	288	278	157
Other language	703	0	86	0	77	35	43	0
Females	8,934	18	183	191	1,131	297	428	175
English only	1,272	0	0	0	148	35	69	17
Chamorro	1,350	0	8	43	113	0	88	52
Carolinian	507	0	0	0	17	17	17	17
FSM language	306	0	0	0	9	0	17	17
Palauan	149	0	0	0	52	17	17	0
Chinese	515	0	0	0	235	52	35	0
Korean	140	0	0	0	17	17	17	0
Filipino	4,347	18	175	130	539	105	149	70
Other language	348	0	0	17	0	52	17	0
Total, all frequencies	22,301	235	2,141	548	2,783	1,109	1,062	402
Yes, more frequently than English	13,063	147	1,717	409	1,545	637	601	227
Both equally often	4,531	44	294	52	550	306	218	70
No less frequently than English	1,754	9	52	35	306	61	61	52
Doesn't speak English	87	0	17	0	17	35	0	0
Speaks English only	2,866	35	60	52	364	70	182	52
Males	13,367	217	1,959	358	1,652	812	634	227
Yes, more frequently than English	8,301	138	1,569	270	938	497	409	175
Both equally often	2,513	44	277	17	340	219	70	17
No less frequently than English	925	0	35	17	157	44	43	0
Doesn't speak English	35	0	17	0	0	17	0	0
Speaks English only	1,594	35	60	52	217	35	113	35
Females	8,934	18	183	191	1,131	297	428	175
Yes, more frequently than English	4,762	9	148	139	607	140	192	52
Both equally often	2,018	0	17	35	210	87	149	52
No less frequently than English	829	9	17	17	149	17	18	52
Doesn't speak English	52	0	0	0	17	17	0	0
Speaks English only	1,272	0	0	0	148	35	69	17

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 112b. Sex and Speak English at home, Sex and Language (non-English) spoken at home, Sex and Frequency of language other than English by Industry, CNMI: 2016

Language Spoken Frequency of English	Administrative support	Educational services	Health care & social assistance	Arts, entertainment, recreation	Accommodation & food service	Other service (ex. public admin.)	Public Administration
Total	1,436	1,165	1,222	1,371	5,200	1,290	2,336
Speaks only English	113	200	157	288	646	130	516
Speaks other language	1,322	966	1,065	1,083	4,554	1,160	1,820
Males	1,114	337	297	865	2,731	575	1,588
Speaks only English	113	51	35	183	280	78	307
Speaks other language	1,001	286	263	682	2,451	497	1,282
Females	321	828	925	506	2,469	715	748
Speaks only English	0	148	122	105	367	52	209
Speaks other language	321	680	803	401	2,102	662	539
Total, language spoken	1,436	1,165	1,222	1,371	5,200	1,290	2,336
English only	113	200	157	288	646	130	516
Chamorro	175	252	342	218	497	8	1,238
Carolinian	0	105	192	70	210	17	157
FSM language	105	87	0	52	175	17	122
Palauan	0	35	53	17	17	35	61
Chinese	113	17	0	52	192	52	0
Korean	17	0	0	0	87	17	0
Filipino	722	417	478	551	3,130	942	198
Other language	190	52	0	122	245	70	44
Males	1,114	337	297	865	2,731	575	1,588
English only	113	51	35	183	280	78	307
Chamorro	158	78	123	183	313	8	821
Carolinian	0	0	52	70	87	0	105
FSM language	105	17	0	17	52	0	104
Palauan	0	35	17	17	0	35	52
Chinese	95	0	0	0	122	17	0
Korean	0	0	0	0	17	17	0
Filipino	479	137	70	315	1,736	384	155
Other language	164	17	0	79	122	35	44
Females	321	828	925	506	2,469	715	748
English only	0	148	122	105	367	52	209
Chamorro	17	173	219	35	184	0	417
Carolinian	0	105	140	0	122	17	52
FSM language	0	70	0	35	122	17	17
Palauan	0	0	35	0	17	0	9
Chinese	17	17	0	52	70	35	0
Korean	17	0	0	0	70	0	0
Filipino	243	280	408	236	1,394	558	43
Other language	26	35	0	43	122	35	0
Total, all frequencies	1,436	1,165	1,222	1,371	5,200	1,290	2,336
Yes, more frequently than English	1,069	416	645	725	3,417	855	652
Both equally often	157	366	342	263	892	208	768
No less frequently than English	96	183	78	95	244	79	401
Doesn't speak English	0	0	0	0	0	17	0
Speaks English only	113	200	157	288	646	130	516
Males	1,114	337	297	865	2,731	575	1,588
Yes, more frequently than English	800	129	166	481	1,884	358	487
Both equally often	122	104	87	184	472	95	463
No less frequently than English	79	52	9	17	95	44	332
Doesn't speak English	0	0	0	0	0	0	0
Speaks English only	113	51	35	183	280	78	307
Females	321	828	925	506	2,469	715	748
Yes, more frequently than English	269	287	479	244	1,534	497	165
Both equally often	35	262	254	79	420	113	304
No less frequently than English	17	131	70	78	149	35	69
Doesn't speak English	0	0	0	0	0	17	0
Speaks English only	0	148	122	105	367	52	209

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 113. Sex and age5 15+ by Total income, CNMI: 2016

Sex Age	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
15 to 19	4,259	3,606	478	70	87	17	0	0	1	933
20 to 24	3,341	1,185	743	462	410	349	165	26	6,532	7,418
25 to 29	2,790	785	486	227	488	393	228	184	11,365	11,647
30 to 34	2,462	523	450	278	382	261	331	236	12,311	12,981
35 to 39	3,459	664	419	617	541	530	367	320	12,631	14,145
40 to 44	4,429	592	773	765	688	778	357	478	12,812	14,416
45 to 49	4,737	445	829	687	958	767	627	425	13,565	15,983
50 to 54	4,887	637	801	798	721	803	524	602	13,218	15,961
55 to 59	3,451	200	593	609	663	514	427	444	13,715	17,235
60 to 64	2,640	375	560	208	565	226	261	445	13,281	17,125
65 to 74	1,872	244	419	217	192	182	270	347	13,229	18,794
75 and over	671	95	157	70	26	52	79	192	13,755	24,155
Median	43.6	24.5	45.0	45.6	46.4	45.7	48.0	51.5		
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
15 to 19	2,073	1,672	278	35	70	17	0	0	1	1,230
20 to 24	1,631	462	253	323	280	210	78	26	10,776	9,059
25 to 29	1,379	297	244	87	262	306	149	35	13,088	11,112
30 to 34	1,238	298	199	139	227	105	165	104	12,200	12,788
35 to 39	1,619	263	175	287	280	321	148	147	13,267	14,391
40 to 44	2,087	183	276	366	513	393	131	224	13,564	14,985
45 to 49	2,541	175	383	322	670	419	357	216	13,959	16,377
50 to 54	2,661	104	385	522	426	436	359	429	14,375	19,294
55 to 59	1,995	26	261	427	419	374	244	244	14,192	18,250
60 to 64	1,254	52	236	113	356	123	130	243	14,086	19,160
65 to 74	1,080	87	183	182	105	139	140	243	14,579	22,794
75 and over	322	26	52	35	26	17	61	105	20,830	32,252
Median	44.8	21.6	45.5	47.8	46.4	45.9	49.4	53.0		
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
15 to 19	2,186	1,934	200	35	17	0	0	0	1	652
20 to 24	1,710	723	490	140	130	140	87	0	2,693	5,854
25 to 29	1,411	488	242	140	226	87	79	149	8,970	12,170
30 to 34	1,224	226	251	140	155	156	166	131	12,421	13,175
35 to 39	1,840	402	245	331	262	209	219	173	12,066	13,929
40 to 44	2,343	409	496	399	175	385	226	254	11,669	13,909
45 to 49	2,196	270	445	365	288	348	270	209	12,650	15,528
50 to 54	2,225	532	416	277	295	366	165	173	11,483	11,975
55 to 59	1,456	175	332	182	245	140	183	200	12,898	15,845
60 to 64	1,386	323	324	95	208	104	130	201	11,201	15,284
65 to 74	793	157	236	35	87	43	130	104	10,274	13,347
75 and over	349	70	105	35	0	35	17	87	9,964	16,671
Median	42.5	27.0	44.7	43.8	46.4	45.4	46.1	48.2		

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 114. Sex and Ethnic origin (principal), Sex and Birthplace by Total income, CNMI: 2016

Ethnicity	Total	No income	\$1-\$9,999	\$10,000-\$12,499	\$12,500-\$14,999	\$15,000-\$19,999	\$20,000-\$29,999	\$30,000 or more	Median	Mean
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
Chamorro	10,010	2,572	1,707	464	712	1,194	1,300	2,062	13,422	17,598
Carolinian	2,716	681	445	157	280	472	349	332	13,167	14,066
FSM	2,427	909	419	296	262	253	175	114	7,267	9,315
Palauan	1,188	262	236	104	157	167	140	122	12,310	14,082
Chinese	1,882	480	175	426	340	253	121	87	11,680	11,551
Filipino	18,091	3,883	3,334	3,332	3,633	2,142	1,202	566	11,372	10,652
Other Asian	1,753	426	251	215	225	280	217	140	12,321	13,623
Other	930	139	140	17	113	113	131	276	17,465	25,552
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
Chamorro	5,153	1,028	732	280	418	725	788	1,182	15,817	20,207
Carolinian	1,293	262	175	122	192	227	157	157	13,636	14,395
FSM	1,116	367	175	156	175	148	52	44	10,267	9,313
Palauan	479	70	122	34	70	79	70	35	12,995	14,685
Chinese	809	140	87	156	165	175	51	35	12,826	13,522
Filipino	9,525	1,646	1,444	1,925	2,344	1,210	653	304	12,173	11,316
Other Asian	973	105	138	146	173	210	113	87	13,892	16,286
Other	530	26	52	17	95	87	79	172	19,198	31,501
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
Chamorro	4,857	1,544	975	184	294	469	512	879	9,073	14,829
Carolinian	1,423	419	270	35	87	245	192	175	11,584	13,767
FSM	1,311	542	245	140	87	105	122	70	4,634	9,317
Palauan	708	192	114	70	87	88	70	87	11,723	13,673
Chinese	1,073	340	87	270	175	78	70	52	11,008	10,064
Filipino	8,566	2,238	1,891	1,407	1,289	931	549	262	10,275	9,913
Other Asian	781	321	113	69	51	70	105	52	6,167	10,303
Other	400	113	87	0	17	26	52	104	9,979	17,681

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 115. Sex and Ethnic origin (principal), Sex and Birthplace by Total income, CNMI: 2016

Birthplace	Total	No income	\$1-\$9,999	\$10,000-\$12,499	\$12,500-\$14,999	\$15,000-\$19,999	\$20,000-\$29,999	\$30,000 or more	Median	Mean
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
Saipan	14,687	5,018	2,528	830	1,212	1,543	1,482	2,074	9,197	13,645
Tinian	610	89	135	17	145	33	58	132	13,589	16,223
Rota	813	179	106	36	63	152	161	116	15,744	18,154
N. Islands	175	17	70	17	0	17	17	35	10,000	16,099
Guam	837	236	70	87	61	113	130	140	13,532	16,398
U.S.	636	131	35	70	26	52	79	243	20,415	30,293
FSM	1,528	455	210	208	192	236	140	87	11,194	11,388
Palau	716	70	166	69	52	131	105	122	15,023	17,325
China	1,760	375	175	426	323	235	139	87	11,936	12,308
Korea	542	122	35	52	35	105	105	87	16,250	18,248
Philippines	15,222	2,347	2,857	3,034	3,371	2,037	1,089	488	11,984	11,572
Elsewhere	1,472	312	321	163	241	218	131	87	11,589	11,827
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
Saipan	7,490	2,309	1,116	437	759	890	811	1,168	11,831	14,954
Tinian	351	57	93	17	69	16	34	65	12,796	15,741
Rota	456	45	62	36	27	116	117	53	17,500	20,243
N. Islands	105	0	35	17	0	17	0	35	13,750	21,170
Guam	504	166	17	70	52	60	87	52	12,478	14,718
U.S.	287	9	0	52	26	35	26	138	27,914	45,058
FSM	671	122	105	104	122	114	52	52	12,600	12,764
Palau	296	35	52	16	17	70	52	52	16,919	19,690
China	774	105	87	156	165	157	69	35	13,090	14,317
Korea	245	17	17	17	17	87	52	35	18,000	21,443
Philippines	7,857	726	1,167	1,785	2,187	1,141	592	261	12,788	12,587
Elsewhere	841	53	173	129	190	157	70	70	13,366	14,803
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
Saipan	7,196	2,709	1,412	393	453	653	670	906	6,297	12,283
Tinian	259	33	42	0	77	16	24	67	14,299	16,875
Rota	357	135	44	0	36	36	44	63	12,529	15,486
N. Islands	70	17	35	0	0	0	17	0	5,001	8,491
Guam	333	70	53	17	8	53	43	88	16,652	18,947
U.S.	349	122	35	17	0	17	52	104	12,473	18,137
FSM	857	332	105	105	70	122	87	35	9,144	10,310
Palau	420	35	114	52	35	61	52	70	13,125	15,658
China	985	270	87	270	157	78	70	52	11,250	10,728
Korea	297	105	17	35	17	17	52	52	11,875	15,618
Philippines	7,365	1,621	1,690	1,249	1,184	896	497	227	10,743	10,489
Elsewhere	631	259	148	34	51	61	61	17	3,832	7,859

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 116. Sex and Citizenship, Year to area, Reason for migration by Total income, CNMI: 2016

Citizenship Year and Reason	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
U.S. Citizen	19,228	5,846	3,135	1,152	1,673	2,213	2,242	2,966	11,373	14,949
Born in CNMI	16,363	5,295	2,856	901	1,438	1,745	1,718	2,410	10,083	14,072
Born in U.S./territory or parents	1,683	411	122	183	104	261	218	382	15,393	21,141
Naturalized U.S. citizen	1,182	139	156	69	131	207	305	174	17,314	18,274
Noncitizen	19,769	3,506	3,572	3,858	4,048	2,659	1,394	732	11,818	11,550
Noncitizen Green card	3,125	514	507	477	591	445	321	270	12,773	14,096
Other noncitizen	16,644	2,992	3,066	3,381	3,457	2,214	1,072	462	11,674	11,072
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
U.S. Citizen	9,777	2,620	1,367	664	1,021	1,292	1,215	1,599	13,082	16,508
Born in CNMI	8,420	2,411	1,307	508	872	1,040	962	1,321	12,426	15,346
Born in U.S./territory or parents	861	175	17	130	96	139	114	190	15,433	24,917
Naturalized U.S. citizen	496	35	43	26	52	113	139	87	19,067	21,632
Noncitizen	10,102	1,023	1,559	2,173	2,612	1,569	748	418	12,783	12,873
Noncitizen Green card	1,409	122	192	225	313	235	191	130	13,820	16,146
Other noncitizen	8,693	901	1,367	1,948	2,299	1,334	557	287	12,642	12,343
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
U.S. Citizen	9,451	3,226	1,768	489	652	922	1,027	1,368	8,484	13,337
Born in CNMI	7,943	2,885	1,550	393	565	705	757	1,089	7,014	12,723
Born in U.S./territory or parents	822	237	105	52	8	123	104	192	15,348	17,184
Naturalized U.S. citizen	686	104	113	43	79	94	166	87	15,197	15,846
Noncitizen	9,667	2,483	2,014	1,685	1,436	1,090	646	314	10,500	10,167
Noncitizen Green card	1,716	392	314	252	278	209	130	140	11,502	12,414
Other noncitizen	7,951	2,091	1,699	1,433	1,158	881	515	175	10,324	9,682
Total, Year to CNMI	22,634	4,057	3,851	4,110	4,283	3,127	1,917	1,289	12,074	12,614
2016	1,667	986	192	87	140	122	87	52	1	6,361
2015	1,046	218	418	165	105	87	0	52	7,293	9,692
2013-2014	1,050	505	155	94	112	87	44	53	1,298	8,307
2010-2012	383	157	52	70	43	35	0	26	6,551	8,874
2005-2009	2,271	384	322	544	375	374	157	114	11,969	12,634
2000-2004	2,864	480	401	574	731	313	217	148	12,398	12,155
1990-1999	8,841	733	1,577	1,957	2,065	1,395	792	322	12,686	13,026
1980-1989	3,457	462	516	584	609	530	435	321	13,184	15,370
Before 1980	1,055	130	218	34	105	184	184	201	16,114	19,753
Total, reason for migration	22,634	4,057	3,851	4,110	4,283	3,127	1,917	1,289	12,074	12,614
Employment	17,010	1,937	3,110	3,553	3,752	2,420	1,429	809	12,434	13,083
Spouse of employed	1,138	564	173	95	113	61	105	26	270	8,693
Dependent of employed	1,010	549	87	35	70	95	95	78	1	8,554
Family subsistence	1,351	411	201	191	121	183	105	140	10,837	12,647
Family business	681	210	140	78	87	70	35	61	9,362	10,672
Missionary activities	8	0	0	0	0	0	8	0	25,000	24,000
Medical reasons	0	0	0	0	0	0	0	0	0	0
Visiting or vacation	856	254	78	87	122	157	79	78	12,674	12,976
Other reason	580	132	62	70	17	141	61	96	15,303	15,149

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 117. Mother's birth state, Father's Birthplace by Total income, CNMI: 2016

Parental birthplace	Total	No income	\$1-\$9,999	\$10,000-\$12,499	\$12,500-\$14,999	\$15,000-\$19,999	\$20,000-\$29,999	\$30,000 or more	Median	Mean
Mother's birth state										
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
Saipan	9,442	2,458	1,553	463	714	1,247	1,204	1,804	13,365	16,567
Tinian	385	41	84	35	58	58	34	76	13,925	15,797
Rota	944	203	157	18	54	187	167	158	16,086	17,772
N. Islands	480	52	140	35	17	61	105	70	14,332	16,301
Guam	596	228	27	17	70	61	79	114	13,436	18,069
U.S.	479	61	52	35	44	17	44	225	26,712	38,544
FSM	2,701	944	454	296	270	322	183	232	8,954	11,432
Palau	1,459	332	297	121	157	184	192	175	12,064	15,615
China	1,899	480	175	426	358	235	139	87	11,731	11,636
Korea	585	157	35	70	35	87	130	70	14,666	16,469
Philippines	18,370	3,980	3,412	3,332	3,685	2,159	1,237	566	11,346	10,593
Elsewhere	1,656	417	321	163	258	253	122	122	11,382	11,730
Father's Birthplace										
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
Saipan	9,675	2,909	1,405	534	821	1,096	1,193	1,717	12,454	15,724
Tinian	386	76	66	0	67	50	59	67	14,391	15,530
Rota	1,163	220	174	35	96	249	204	184	16,117	18,020
N. Islands	497	105	113	17	0	105	70	87	15,631	16,588
Guam	718	193	166	35	35	79	87	123	9,986	17,271
U.S.	548	96	70	61	26	52	35	208	16,996	29,101
FSM	2,621	917	462	226	253	375	192	196	8,515	10,693
Palau	1,326	245	288	113	130	166	201	183	12,828	15,979
China	1,882	462	192	426	340	235	139	87	11,680	11,692
Korea	577	157	35	52	35	87	122	87	15,500	17,367
Philippines	17,966	3,660	3,397	3,331	3,650	2,159	1,185	583	11,445	10,872
Elsewhere	1,639	312	339	180	267	218	148	175	12,346	14,367

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 118. Sex and School attendance, Sex and Educational attainment by Total income, CNMI: 2016

School attendance Educational attainment	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
No has not attended	34,632	6,084	6,255	4,871	5,626	4,707	3,496	3,594	12,547	14,467
Yes, public school or college	4,147	3,129	435	140	87	156	105	95	1	3,210
Yes, private school or college	218	140	17	0	8	9	35	9	1	6,598
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
No has not attended	17,980	2,172	2,760	2,767	3,572	2,834	1,928	1,947	13,404	15,867
Yes, public school or college	1,838	1,437	165	70	52	17	35	61	1	3,022
Yes, private school or college	61	35	0	0	8	9	0	9	1	9,746
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
No has not attended	16,652	3,912	3,494	2,104	2,053	1,873	1,568	1,647	11,092	12,956
Yes, public school or college	2,310	1,692	270	70	35	139	70	35	1	3,359
Yes, private school or college	157	105	17	0	0	0	35	0	1	5,376
EDUCATIONAL ATTAINMENT										
Total	31,398	4,561	5,486	4,478	5,224	4,505	3,470	3,673	13,061	15,511
Less than 9th grade	2,187	324	557	269	235	271	253	278	11,972	14,904
9th to 12th grade	3,592	698	900	341	565	470	305	314	11,455	12,063
High school graduate	12,783	2,117	2,176	2,172	2,403	1,695	1,220	1,000	12,416	13,733
Some college	4,085	427	626	644	679	593	515	601	13,773	18,216
AA - academic	2,348	235	420	417	533	429	245	70	12,978	13,141
AA - occupational	1,064	139	130	165	87	140	132	270	15,368	20,352
BA	4,642	603	600	470	705	820	731	713	14,798	17,530
MS PhD or Professional degree	697	17	78	0	17	87	70	427	207,880	39,119
Percent High School Graduate	81.6	77.6	73.5	86.4	84.7	83.6	83.9	83.9	...	...
Percent BA/BS or more	17.0	13.6	12.4	10.5	13.8	20.1	23.1	31.0	...	...
Males	16,175	1,510	2,394	2,479	3,283	2,633	1,885	1,991	13,798	16,946
Less than 9th grade	1,011	132	234	139	157	122	70	157	12,515	16,196
9th to 12th grade	1,867	262	446	192	348	297	166	156	12,742	12,786
High school graduate	6,787	776	921	1,163	1,585	1,089	687	565	13,340	15,130
Some college	2,301	139	262	340	522	314	350	375	14,463	20,082
AA - academic	1,512	70	228	314	358	297	192	52	13,509	14,448
AA - occupational	471	35	78	78	35	87	70	87	15,538	19,968
BA	1,924	96	200	253	278	357	332	408	16,882	20,707
MS PhD or Professional degree	304	0	26	0	0	70	17	191	228,128	45,756
Percent High School Graduate	82.2	73.9	71.6	86.6	84.6	84.1	87.4	84.3	...	...
Percent BA/BS or more	13.8	6.4	9.4	10.2	8.5	16.2	18.5	30.1	...	...
Females	15,222	3,052	3,092	1,999	1,940	1,872	1,585	1,682	11,835	13,987
Less than 9th grade	1,176	193	323	130	78	149	183	121	11,394	13,792
9th to 12th grade	1,725	436	454	149	217	173	139	158	9,396	11,280
High school graduate	5,996	1,341	1,255	1,008	818	606	533	435	10,998	12,151
Some college	1,784	288	365	304	157	280	165	227	11,972	15,809
AA - academic	837	165	192	104	174	131	52	17	11,467	10,778
AA - occupational	594	104	52	87	52	53	62	183	15,085	20,657
BA	2,718	507	400	217	427	462	400	306	13,879	15,281
MS PhD or Professional degree	393	17	52	0	17	17	52	236	191,477	33,985
Percent High School Graduate	80.9	79.4	74.9	86.0	84.8	82.7	79.7	83.5	...	...
Percent BA/BS or more	20.4	17.2	14.6	10.9	22.9	25.6	28.5	32.2	...	...

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 119. Sex and Lived here 5 years ago, Sex and Residence 5 years ago by Total income, CNMI: 2016

Same/Different house in 2011 Residence in 2011	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
Same house in 2011	22,727	5,319	3,754	2,504	3,161	2,972	2,312	2,705	12,287	14,359
Elsewhere in 2011	16,270	4,033	2,954	2,506	2,560	1,900	1,323	993	11,145	11,643
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
Same house in 2011	11,600	2,064	1,530	1,508	1,932	1,701	1,320	1,546	13,404	16,206
Elsewhere in 2011	8,278	1,580	1,396	1,329	1,701	1,159	643	470	12,189	12,495
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
Same house in 2011	11,127	3,255	2,224	997	1,230	1,271	992	1,159	10,213	12,434
Elsewhere in 2011	7,992	2,454	1,558	1,177	859	741	680	523	9,898	10,760
RESIDENCE IN 2011										
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
Saipan	30,749	6,795	5,196	3,990	4,881	3,966	2,935	2,987	12,120	13,593
Tinian	2,132	424	318	362	271	262	224	271	12,236	15,014
Rota	1,708	278	393	187	169	296	233	152	12,450	14,236
Guam	295	61	52	35	8	17	35	87	12,483	19,219
U.S.	679	201	78	70	87	51	122	70	12,174	15,769
FSM	140	70	35	0	0	0	17	17	1	10,342
China	542	227	52	122	35	87	17	0	8,334	7,775
Korea	52	17	0	0	0	0	17	17	25,000	21,972
Philippines	2,179	1,091	461	218	245	122	17	26	1	5,486
Elsewhere	520	190	122	26	25	70	17	70	5,748	12,177
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
Saipan	15,633	2,568	2,053	2,348	3,118	2,289	1,563	1,695	13,180	15,264
Tinian	1,110	201	171	146	173	131	134	154	13,040	15,170
Rota	867	54	178	152	80	188	152	63	14,051	15,818
Guam	166	44	35	17	0	17	17	35	10,635	17,868
U.S.	330	61	43	35	78	8	79	26	13,340	18,270
FSM	70	17	35	0	0	0	17	0	5,001	7,734
China	210	70	35	17	17	70	0	0	10,000	9,736
Korea	0	0	0	0	0	0	0	0	0	0
Philippines	1,239	576	314	95	157	87	0	8	1,376	5,457
Elsewhere	254	53	61	26	9	70	0	35	11,227	15,392
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
Saipan	15,116	4,227	3,143	1,642	1,763	1,677	1,372	1,293	10,288	11,864
Tinian	1,022	223	147	216	98	131	91	116	11,626	14,845
Rota	841	224	214	36	89	108	80	90	9,174	12,605
Guam	130	17	17	17	8	0	17	52	22,733	20,947
U.S.	349	140	35	35	9	43	43	44	9,893	13,399
FSM	70	52	0	0	0	0	0	17	1	12,950
China	332	157	17	105	17	17	17	0	5,001	6,536
Korea	52	17	0	0	0	0	17	17	25,000	21,972
Philippines	941	514	147	122	87	35	17	17	1	5,525
Elsewhere	266	137	61	0	16	0	17	35	1	9,112

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 120. Sex and Speak English at home, Sex and Language spoken at home, Sex and Frequency of language other than English by Total income, CNMI: 2016

	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
Speak English Only	6,218	2,561	1,054	478	567	445	549	565	5,205	11,005
Speak other language	32,779	6,792	5,654	4,533	5,154	4,427	3,087	3,134	12,176	13,647
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
Speak English Only	2,918	1,010	384	287	315	245	330	347	10,563	14,408
Speak other language	16,961	2,634	2,541	2,550	3,318	2,615	1,633	1,670	13,069	14,704
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
Speak English Only	3,300	1,551	669	191	252	200	218	218	1,485	7,997
Speak other language	15,819	4,158	3,112	1,983	1,836	1,811	1,454	1,464	10,806	12,514
Total, all languages	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
English only	6,218	2,561	1,054	478	567	445	549	565	5,205	11,005
Chamorro	8,475	1,742	1,482	393	653	1,115	1,143	1,948	14,875	19,114
Carolinian	2,174	594	375	175	210	332	262	227	11,692	12,938
FSM language	1,502	481	227	183	192	210	122	87	10,589	10,869
Palauan	708	122	166	70	35	105	105	105	12,348	16,931
Chinese	1,734	437	140	409	323	235	104	87	11,777	11,759
Korean	594	157	35	52	35	122	122	70	15,714	16,473
Filipino	15,936	2,912	2,925	3,106	3,448	2,037	1,037	470	11,715	11,063
Other language	1,656	347	304	145	258	270	192	140	12,813	13,546
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
English only	2,918	1,010	384	287	315	245	330	347	10,563	14,408
Chamorro	4,602	774	697	236	454	680	692	1,069	16,033	20,311
Carolinian	943	245	87	105	105	175	87	140	13,333	14,365
FSM language	654	140	122	95	140	105	17	35	11,703	11,100
Palauan	349	52	122	17	0	52	70	35	10,000	15,514
Chinese	774	122	87	156	165	157	51	35	12,826	13,748
Korean	280	35	17	17	17	105	52	35	17,500	19,825
Filipino	8,429	1,195	1,252	1,811	2,230	1,149	540	251	12,439	11,726
Other language	929	70	156	111	207	192	122	70	14,031	15,785
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
English only	3,300	1,551	669	191	252	200	218	218	1,485	7,997
Chamorro	3,873	968	785	158	199	435	450	879	12,828	17,691
Carolinian	1,231	349	288	70	105	157	175	87	9,252	11,844
FSM language	848	341	105	87	52	105	105	52	7,906	10,691
Palauan	359	70	44	52	35	53	35	70	13,446	18,311
Chinese	960	314	52	253	157	78	52	52	11,117	10,154
Korean	314	122	17	35	17	17	70	35	11,250	13,494
Filipino	7,507	1,717	1,673	1,294	1,219	888	497	219	10,702	10,319
Other language	727	276	148	34	51	78	70	70	5,891	10,685
Total, frequency of English	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
Yes, more frequently than English	21,677	4,339	3,803	3,600	3,871	2,880	1,601	1,583	11,873	12,776
Both equally often	8,012	1,727	1,276	671	846	1,214	1,083	1,195	13,482	15,867
No less frequently than English	2,924	656	567	209	436	332	403	321	12,672	14,155
Doesn't speak English	165	70	8	52	0	0	0	35	10,223	11,288
Speaks English only	6,218	2,561	1,054	478	567	445	549	565	5,205	11,005
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
Yes, more frequently than English	11,620	1,691	1,801	2,062	2,558	1,767	767	974	12,751	13,990
Both equally often	3,901	672	497	392	533	638	586	584	14,328	16,952
No less frequently than English	1,388	253	244	79	227	211	280	94	13,800	14,280
Doesn't speak English	52	17	0	17	0	0	0	17	11,250	16,867
Speaks English only	2,918	1,010	384	287	315	245	330	347	10,563	14,408
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
Yes, more frequently than English	10,058	2,648	2,002	1,538	1,313	1,113	834	609	10,616	11,373
Both equally often	4,112	1,055	779	279	314	576	497	611	11,988	14,839
No less frequently than English	1,536	403	323	130	209	122	123	226	10,809	14,041
Doesn't speak English	113	52	8	35	0	0	0	17	5,001	8,699
Speaks English only	3,300	1,551	669	191	252	200	218	218	1,485	7,997

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 121. Sex and Tobacco, Sex and Chew Tobacco or betel nut by Total income, CNMI: 2016

Tobacco Chewing tobacco	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Total	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
No days	30,244	7,860	5,270	3,869	4,434	3,661	2,582	2,568	11,287	12,665
1 to 7 days	445	96	87	26	87	61	61	26	12,854	11,598
8 to 14 days	409	52	52	86	44	61	44	70	13,325	16,660
15 to 28 days	591	149	113	139	9	43	87	51	10,604	12,015
29 or 30 days	7,308	1,195	1,185	890	1,147	1,045	862	984	13,336	15,551
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
No days	13,581	2,743	1,976	1,862	2,546	1,903	1,196	1,356	12,706	14,485
1 to 7 days	280	44	35	26	70	44	35	26	13,735	13,673
8 to 14 days	296	26	35	86	35	53	26	35	12,560	15,905
15 to 28 days	409	97	113	104	0	26	52	17	9,528	10,223
29 or 30 days	5,313	733	767	759	982	836	653	582	13,511	15,435
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
No days	16,663	5,117	3,294	2,008	1,888	1,758	1,386	1,212	9,760	11,183
1 to 7 days	165	52	52	0	17	17	26	0	5,776	8,089
8 to 14 days	113	26	17	0	9	9	17	35	17,604	18,629
15 to 28 days	182	52	0	35	9	17	35	34	13,581	16,030
29 or 30 days	1,994	462	418	131	165	209	208	401	12,244	15,861
Total, chewing tobacco	38,997	9,352	6,707	5,010	5,721	4,872	3,635	3,699	11,716	13,226
No days	31,542	7,694	5,406	4,303	4,918	3,693	2,719	2,809	11,552	12,925
1 to 7 days	322	88	70	35	8	17	26	78	10,247	14,601
8 to 14 days	305	79	8	43	35	17	53	70	14,101	17,814
15 to 28 days	543	114	79	70	35	35	131	79	13,125	19,017
29 or 30 days	6,285	1,378	1,144	560	725	1,109	706	663	12,709	13,942
Males	19,879	3,644	2,926	2,837	3,633	2,861	1,963	2,016	12,867	14,661
No days	15,593	2,779	2,305	2,426	3,083	2,145	1,386	1,468	12,732	14,397
1 to 7 days	165	44	35	17	8	0	26	35	10,555	15,567
8 to 14 days	174	44	0	26	17	0	44	43	17,500	19,263
15 to 28 days	315	87	44	52	35	0	52	44	11,250	19,353
29 or 30 days	3,631	689	542	315	489	716	454	427	13,879	15,123
Females	19,119	5,709	3,782	2,174	2,088	2,011	1,673	1,682	10,079	11,734
No days	15,949	4,914	3,101	1,877	1,835	1,549	1,332	1,341	9,869	11,486
1 to 7 days	157	44	35	17	0	17	0	43	9,879	13,583
8 to 14 days	131	35	8	17	17	17	9	26	13,202	15,889
15 to 28 days	228	26	35	17	0	35	79	35	20,000	18,552
29 or 30 days	2,654	689	603	245	236	393	252	237	10,362	12,327

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 122. Any active duty, Sex and Work last week, Sex and Hours of work last week by Total income, CNMI: 2016

Military Work last week and hours	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Any active duty										
Total	38,692	9,065	6,690	5,010	5,721	4,872	3,635	3,699	11,792	13,329
Active duty now	61	26	17	0	17	0	0	0	2,433	4,250
Previous active duty	584	35	26	0	95	96	148	183	22,637	29,309
Reserves or National Guard	226	8	35	0	0	70	52	61	20,000	20,505
No	37,822	8,996	6,611	5,010	5,608	4,706	3,435	3,455	11,649	13,054
WORK LAST WEEK										
Total	38,692	9,065	6,690	5,010	5,721	4,872	3,635	3,699	11,792	13,329
Yes, paid and no subsistence	21,359	1,797	3,445	3,794	4,499	3,652	2,189	1,983	13,414	15,457
Yes, paid and subsistence	942	35	122	140	175	200	130	140	14,991	17,719
Yes, Subsistence only	149	52	44	0	0	17	17	17	5,001	24,234
No	16,243	7,181	3,079	1,076	1,047	1,002	1,298	1,559	3,054	10,176
Males										
Total	19,740	3,522	2,908	2,837	3,633	2,861	1,963	2,016	12,915	14,761
Yes, paid and no subsistence	12,844	977	1,760	2,264	3,122	2,363	1,196	1,161	13,638	15,594
Yes, paid and subsistence	523	17	52	87	105	113	78	70	14,986	17,048
Yes, Subsistence only	96	35	9	0	0	17	17	17	16,216	34,917
No	6,276	2,493	1,087	485	406	367	671	768	5,940	12,556
Females										
Total	18,953	5,543	3,782	2,174	2,088	2,011	1,673	1,682	10,175	11,837
Yes, paid and no subsistence	8,515	820	1,684	1,530	1,377	1,289	993	821	12,906	15,249
Yes, paid and subsistence	419	17	70	52	70	87	52	70	15,000	18,556
Yes, Subsistence only	52	17	35	0	0	0	0	0	2,501	4,600
No	9,967	4,688	1,993	591	641	635	627	791	1,481	8,677
Total, hours worked										
Total	22,301	1,831	3,567	3,934	4,674	3,852	2,320	2,122	13,472	15,552
1 to 14 hours	208	61	35	0	0	26	70	17	16,706	14,534
14 to 34 hours	2,417	419	829	384	209	279	166	131	9,521	11,896
35 to 44 hours	18,748	1,326	2,537	3,437	4,395	3,285	1,901	1,868	13,680	15,928
More than 45 hours	928	26	166	114	70	263	183	106	16,674	17,710
Males										
Total	13,367	994	1,813	2,352	3,227	2,476	1,274	1,231	13,681	15,651
1 to 14 hours	121	61	0	0	0	26	17	17	15,000	12,204
14 to 34 hours	1,021	149	271	139	113	166	113	70	11,632	13,353
35 to 44 hours	11,691	776	1,490	2,168	3,079	2,057	1,021	1,100	13,646	15,708
More than 45 hours	534	9	52	44	35	228	122	44	17,781	19,594
Females										
Total	8,934	837	1,754	1,583	1,447	1,376	1,046	891	13,007	15,405
1 to 14 hours	87	0	35	0	0	0	52	0	21,667	17,764
14 to 34 hours	1,396	270	558	244	96	113	52	61	7,660	10,831
35 to 44 hours	7,056	549	1,047	1,268	1,316	1,228	879	768	13,760	16,294
More than 45 hours	394	17	113	70	35	35	61	62	12,372	15,161

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 123. Layoff / vacation, Look for work, Take job if available, Year when last worked, Sex and Class of worker by Total income, CNMI: 2016

Unemployment Class of worker	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Layoff / vacation										
Total	16,392	7,234	3,123	1,076	1,047	1,020	1,316	1,576	3,082	10,303
Yes, on layoff	95	35	8	17	0	0	0	35	10,669	18,101
Yes, vacation	882	175	105	122	87	140	165	87	13,616	14,658
No	15,414	7,024	3,010	937	960	880	1,150	1,454	2,271	10,006
Look for work										
Total	16,392	7,234	3,123	1,076	1,047	1,020	1,316	1,576	3,082	10,303
Yes	3,230	1,231	599	391	356	218	234	200	6,404	8,814
No	13,162	6,002	2,524	686	691	801	1,081	1,376	2,293	10,669
Take job if available										
Total	3,230	1,231	599	391	356	218	234	200	6,404	8,814
No	379	168	53	44	35	18	53	9	4,125	7,873
Yes	2,851	1,064	546	347	321	200	182	191	6,627	8,939
Year when last worked										
Total	16,392	7,234	3,123	1,076	1,047	1,020	1,316	1,576	3,082	10,303
2016	1,901	157	548	408	371	157	121	139	11,502	12,226
2015	1,088	26	474	207	137	86	122	35	10,522	10,781
2013-2014	940	452	148	35	9	96	105	95	1,211	12,192
2010-2012	1,221	349	315	18	87	95	105	252	8,316	14,928
2000-2009	2,597	801	523	130	156	315	297	375	9,514	14,093
Before 2000	1,335	288	279	95	70	104	148	349	12,662	21,384
Never Worked	7,309	5,159	837	183	217	165	418	331	1	5,346
CLASS OF WORKER										
Total	22,301	1,831	3,567	3,934	4,674	3,852	2,320	2,122	13,472	15,552
Private company	18,105	1,675	3,201	3,733	4,343	3,035	1,204	915	12,756	13,369
CNMI government	3,733	156	313	166	313	800	986	998	21,193	23,652
US/other government	254	0	26	17	17	0	61	132	64,400	39,157
Self-employed/working without pay	209	0	26	17	0	17	69	78	26,203	31,350
Males										
Total	13,367	994	1,813	2,352	3,227	2,476	1,274	1,231	13,681	15,651
Private company	11,164	925	1,717	2,264	3,018	2,048	653	539	13,060	13,515
CNMI government	1,880	69	87	87	192	411	525	509	21,792	23,531
US/other government	158	0	0	0	17	0	35	105	271,416	50,448
Self-employed/working without pay	165	0	9	0	0	17	60	78	29,286	37,065
Females										
Total	8,934	837	1,754	1,583	1,447	1,376	1,046	891	13,007	15,405
Private company	6,942	750	1,484	1,469	1,326	987	550	376	12,105	13,135
CNMI government	1,852	87	226	79	121	389	461	489	20,510	23,775
US/other government	96	0	26	17	0	0	26	26	21,587	20,545
Self-employed/working without pay	44	0	17	17	0	0	9	0	10,642	9,927

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 124. Sex and Paid work last year, Sex and Weeks of work last year, Sex and Usual hours of work last year by Total income. CNMI: 2016

Paid work last year Weeks and hours worked	Total	No income	\$1- \$9,999	\$10,000- \$12,499	\$12,500- \$14,999	\$15,000- \$19,999	\$20,000- \$29,999	\$30,000 or more	Median	Mean
Total	38,692	9,065	6,690	5,010	5,721	4,872	3,635	3,699	11,792	13,329
Paid work in 2015	22,002	87	4,250	4,374	5,016	3,720	2,397	2,157	13,641	16,401
No paid work in 2015	16,690	8,978	2,440	636	705	1,152	1,238	1,541	1	9,279
Males	19,740	3,522	2,908	2,837	3,633	2,861	1,963	2,016	12,915	14,761
Paid work in 2015	12,945	35	2,113	2,567	3,363	2,344	1,352	1,171	13,806	16,395
No paid work in 2015	6,794	3,487	795	269	270	516	611	846	1	11,648
Females	18,953	5,543	3,782	2,174	2,088	2,011	1,673	1,682	10,175	11,837
Paid work in 2015	9,057	52	2,137	1,807	1,653	1,375	1,046	987	13,305	16,408
No paid work in 2015	9,896	5,491	1,645	366	435	636	627	696	1	7,653
Total, weeks worked in 2015	22,002	87	4,250	4,374	5,016	3,720	2,397	2,157	13,641	16,401
Less than 13 weeks	1,043	0	903	17	87	17	17	0	5,774	3,873
14 to 26 weeks	912	0	590	70	26	104	96	26	7,732	11,059
27 to 39 weeks	972	0	400	86	129	94	122	140	12,485	16,118
40 to 49 weeks	1,715	0	280	514	278	305	191	147	13,073	16,507
50 to 52 weeks	17,360	87	2,077	3,687	4,496	3,199	1,970	1,844	14,073	17,439
Males	12,945	35	2,113	2,567	3,363	2,344	1,352	1,171	13,806	16,395
Less than 13 weeks	634	0	564	0	52	17	0	0	5,620	3,692
14 to 26 weeks	555	0	355	35	0	87	61	17	7,822	11,680
27 to 39 weeks	539	0	218	61	70	86	70	35	12,137	14,083
40 to 49 weeks	1,017	0	166	348	165	140	121	77	12,459	16,726
50 to 52 weeks	10,199	35	810	2,124	3,075	2,014	1,099	1,041	14,233	17,531
Females	9,057	52	2,137	1,807	1,653	1,375	1,046	987	13,305	16,408
Less than 13 weeks	408	0	338	17	35	0	17	0	6,033	4,153
14 to 26 weeks	357	0	235	35	26	17	35	9	7,596	10,092
27 to 39 weeks	433	0	183	26	59	8	52	105	12,848	18,652
40 to 49 weeks	697	0	114	165	113	165	70	70	14,037	16,188
50 to 52 weeks	7,162	52	1,267	1,564	1,420	1,184	871	803	13,728	17,308
Total, usual hours worked	22,002	87	4,250	4,374	5,016	3,720	2,397	2,157	13,641	16,401
1 to 14 hours	139	0	113	0	0	8	17	0	6,129	5,920
14 to 34 hours	1,938	0	1,012	340	157	193	149	88	9,576	12,698
35 to 44 hours	19,025	87	2,906	3,938	4,824	3,291	2,013	1,965	13,837	16,780
More than 45 hours	899	0	218	96	35	228	217	105	17,201	17,967
Males	12,945	35	2,113	2,567	3,363	2,344	1,352	1,171	13,806	16,395
1 to 14 hours	51	0	43	0	0	8	0	0	5,944	4,417
14 to 34 hours	769	0	358	140	61	105	79	26	10,481	12,623
35 to 44 hours	11,602	35	1,642	2,366	3,285	2,065	1,116	1,092	13,837	16,536
More than 45 hours	523	0	70	61	17	166	156	52	18,398	19,984
Females	9,057	52	2,137	1,807	1,653	1,375	1,046	987	13,305	16,408
1 to 14 hours	88	0	70	0	0	0	17	0	6,242	6,795
14 to 34 hours	1,169	0	654	200	96	87	70	61	8,934	12,748
35 to 44 hours	7,424	52	1,264	1,572	1,539	1,226	897	873	13,837	17,162
More than 45 hours	376	0	148	35	17	61	61	53	13,176	15,160

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 125. Description, Business property, Tenure, Monthly rent by Island, CNMI: 2016

Description	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Description								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
One family detached	7,557	45.3	6,184	41.6	601	64.9	771	85.1
One family attached	1,727	10.3	1,590	10.7	65	7.0	72	7.9
2 or more houses	725	4.3	646	4.3	16	1.8	63	6.9
2 to 4 apartments	1,330	8.0	1,240	8.3	89	9.6	0	0.0
5 to 9 apartments	2,295	13.7	2,149	14.5	146	15.8	0	0.0
10 to 19 apartments	2,279	13.6	2,271	15.3	8	0.9	0	0.0
20 or more apartments	786	4.7	786	5.3	0	0.0	0	0.0
Business property								
Total	9,284	100.0	7,774	100.0	666	100.0	843	100.0
Yes	698	7.5	646	8.3	24	3.7	27	3.2
No	8,586	92.5	7,128	91.7	642	96.3	816	96.8
Tenure								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Owned with a mortgage	967	5.8	839	5.6	57	6.1	72	7.9
Owned free and clear	3,685	22.1	3,214	21.6	219	23.7	251	27.7
Rented for cash rent	9,653	57.8	8,945	60.2	431	46.5	278	30.7
Occupied without payment of cash rent	2,394	14.3	1,869	12.6	219	23.7	305	33.7
Monthly rent								
Total	9,653	100.0	8,945	100.0	431	100.0	278	100.0
\$ 0 - \$ 99	1,235	12.8	996	11.1	114	26.4	126	45.2
\$ 100 - \$149	1,751	18.1	1,572	17.6	89	20.8	90	32.3
\$ 150 - \$199	1,608	16.7	1,450	16.2	122	28.3	36	12.9
\$ 200 - \$ 249	1,222	12.7	1,188	13.3	16	3.8	18	6.5
\$ 250 - \$ 299	976	10.1	943	10.5	33	7.5	0	0.0
\$ 300 - \$399	1,316	13.6	1,258	14.1	49	11.3	9	3.2
\$ 400 - \$ 499	437	4.5	437	4.9	0	0.0	0	0.0
\$ 500 - \$ 749	882	9.1	874	9.8	8	1.9	0	0.0
\$ 750 or more	227	2.4	227	2.5	0	0.0	0	0.0
Mean	246	0.0	255	0.0	157	0.0	98	0.0
Median	210	0.0	219	0.0	155	0.0	108	0.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 126. Year built, year moved in; Material: outside walls, Material: roof, Number of rooms, Number of bedrooms by Island, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Year built								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
2016	192	1.2	192	1.3	0	0.0	0	0.0
2010 to 2015	813	4.9	804	5.4	0	0.0	9	1.0
2005 to 2009	1,117	6.7	996	6.7	41	4.4	81	8.9
2000 to 2004	2,133	12.8	1,695	11.4	268	28.9	170	18.8
1990 to 1999	5,481	32.8	4,560	30.7	455	49.1	466	51.5
1970 to 1989	6,574	39.4	6,289	42.3	106	11.4	179	19.8
1940 to 1969	363	2.2	314	2.1	49	5.3	0	0.0
1939 or earlier	26	0.2	17	0.1	8	0.9	0	0.0
year moved in								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
2016	1,776	10.6	1,642	11.0	98	10.5	36	4.0
2015	2,082	12.5	1,922	12.9	98	10.5	63	6.9
2014	1,184	7.1	1,101	7.4	57	6.1	27	3.0
2013	1,193	7.1	996	6.7	89	9.6	108	11.9
2010 to 2012	2,965	17.8	2,760	18.6	106	11.4	99	10.9
2005 to 2009	2,371	14.2	1,974	13.3	154	16.7	242	26.7
2000 to 2004	1,374	8.2	1,153	7.8	122	13.2	99	10.9
1990 to 1999	2,570	15.4	2,219	14.9	163	17.5	188	20.8
1980 to 1989	994	6.0	926	6.2	33	3.5	36	4.0
Before 1980	192	1.1	175	1.2	8	0.9	9	1.0
Material: outside walls								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Poured concrete	3,590	21.5	3,424	23.0	130	14.0	36	4.0
Concrete blocks	9,826	58.8	8,421	56.6	634	68.4	771	85.1
Metal	1,268	7.6	1,153	7.8	98	10.5	18	2.0
Wood	1,143	6.8	1,013	6.8	49	5.3	81	8.9
Thatch	715	4.3	699	4.7	16	1.8	0	0.0
Other	157	0.9	157	1.1	0	0.0	0	0.0
Material: roof								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Poured concrete	8,052	48.2	7,005	47.1	374	40.4	673	74.3
Concrete blocks	1,474	8.8	1,275	8.6	163	17.5	36	4.0
Metal	6,232	37.3	5,678	38.2	366	39.5	188	20.8
Wood	113	0.7	87	0.6	16	1.8	9	1.0
Thatch	829	5.0	821	5.5	8	0.9	0	0.0
Number of rooms								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
1	2,747	16.5	2,621	17.6	73	7.9	54	5.9
2	1,887	11.3	1,695	11.4	130	14.0	63	6.9
3	2,183	13.1	1,869	12.6	171	18.4	144	15.8
4	4,328	25.9	3,704	24.9	293	31.6	332	36.6
5	3,331	19.9	2,970	20.0	154	16.7	206	22.8
6	1,148	6.9	978	6.6	89	9.6	81	8.9
7 or more	1,074	6.4	1,031	6.9	16	1.8	27	3.0
Number of bedrooms								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
1	6,090	36.5	5,538	37.3	301	32.5	251	27.7
2	5,643	33.8	4,944	33.3	349	37.7	350	38.6
3	3,495	20.9	3,092	20.8	179	19.3	224	24.8
4	1,053	6.3	908	6.1	81	8.8	63	6.9
5	306	1.8	280	1.9	8	0.9	18	2.0
6 or more	113	0.7	105	0.7	8	0.9	0	0.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 127. Complete plumbing, Piped water, Water heater energy, Bathing facilities, Flush toilet by Island, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Complete plumbing								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	3,743	22.4	3,546	23.9	98	10.5	99	10.9
No	12,957	77.6	11,321	76.1	829	89.5	807	89.1
Piped water								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes, piped water in unit	2,791	16.7	2,603	17.5	89	9.6	99	10.9
Yes, in the building	960	5.7	943	6.3	16	1.8	0	0.0
No only cold piped water in this unit	10,104	60.5	8,525	57.3	780	84.2	798	88.1
No only cold piped water in this building	2,662	15.9	2,621	17.6	33	3.5	9	1.0
No only cold piped water outside this building	52	0.3	52	0.4	0	0.0	0	0.0
No piped water	130	0.8	122	0.8	8	0.9	0	0.0
Water heater energy								
Total	3,751	100.0	3,546	100.0	106	100.0	99	100.0
Electricity	3,384	90.2	3,180	89.7	106	100.0	99	100.0
Gas	210	5.6	210	5.9	0	0.0	0	0.0
Solar	122	3.3	122	3.4	0	0.0	0	0.0
Other fuels	35	0.9	35	1.0	0	0.0	0	0.0
Bathing facilities								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes, in this unit	11,688	70.0	10,010	67.3	780	84.2	897	99.0
Yes, in this building	3,793	22.7	3,686	24.8	98	10.5	9	1.0
Yes, outside this building	776	4.6	751	5.1	24	2.6	0	0.0
No	444	2.7	419	2.8	24	2.6	0	0.0
Flush toilet								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes, in this unit	12,071	72.3	10,395	69.9	788	85.1	888	98.0
Yes, in this building	3,670	22.0	3,546	23.9	106	11.4	18	2.0
Yes, outside this building	610	3.7	594	4.0	16	1.8	0	0.0
No ventilated outhouse/privy	288	1.7	280	1.9	8	0.9	0	0.0
Other or none	61	0.4	52	0.4	8	0.9	0	0.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 128. Complete kitchen, Cooking fuel, Stove, Microwave, Refrigerator, Freezer, Sink with piped water by Island, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Complete kitchen								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	12,098	72.4	10,604	71.3	642	69.3	852	94.1
No	4,601	27.6	4,263	28.7	284	30.7	54	5.9
Cooking fuel								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Electricity	1,011	6.1	926	6.2	41	4.4	45	5.0
Gas	1,736	10.4	1,695	11.4	33	3.5	9	1.0
Butane	13,725	82.2	12,037	81.0	845	91.2	843	93.1
Other	227	1.4	210	1.4	8	0.9	9	1.0
Stove								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	12,517	75.0	11,006	74.0	650	70.2	861	95.0
No	4,182	25.0	3,861	26.0	276	29.8	45	5.0
Microwave								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	7,270	43.5	6,429	43.2	455	49.1	386	42.6
No	9,430	56.5	8,438	56.8	471	50.9	520	57.4
Refrigerator								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes, electric	15,014	89.9	13,277	89.3	902	97.4	834	92.1
Yes, gas	1,686	10.1	1,590	10.7	24	2.6	72	7.9
No refrigerator	0	0.0	0	0.0	0	0.0	0	0.0
Freezer								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	4,045	24.2	3,284	22.1	276	29.8	484	53.5
No	12,654	75.8	11,583	77.9	650	70.2	422	46.5
Sink with piped water								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
YES	16,010	95.9	14,203	95.5	910	98.2	897	99.0
NO	689	4.1	664	4.5	16	1.8	9	1.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 129. Water source, Water 24-hour service, Drinking water purchased, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Water source								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Public system only	14,318	85.7	12,526	84.3	886	95.6	906	100.0
Public system/cistern	1,676	10.0	1,660	11.2	16	1.8	0	0.0
Cistern tanks drums only	454	2.7	454	3.1	0	0.0	0	0.0
Village water system	8	*	0	0.0	8	0.9	0	0.0
Public standpipe	243	1.5	227	1.5	16	1.8	0	0.0
Water 24-hour service								
Total	15,994	100.0	14,186	100.0	902	100.0	906	100.0
Yes	13,059	81.7	11,268	79.4	894	99.1	897	99.0
No	2,935	18.3	2,917	20.6	8	0.9	9	1.0
Drinking water purchased								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	15,174	90.9	13,924	93.7	829	89.5	422	46.5
No	1,525	9.1	943	6.3	98	10.5	484	53.5
Public sewer								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes, connected to public sewer	9,209	55.1	8,945	60.2	130	14.0	135	14.9
No connected to septic tank or cesspool	7,299	43.7	5,748	38.7	780	84.2	771	85.1
No use other means	191	1.1	175	1.2	16	1.8	0	0.0
Air conditioning								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes, a central air-conditioning system	1,180	7.1	1,066	7.2	24	2.6	90	9.9
Yes 1 individual room air con	6,986	41.8	6,342	42.7	358	38.6	287	31.7
Yes 2 or more room units	4,299	25.7	3,843	25.9	187	20.2	269	29.7
No	4,234	25.4	3,616	24.3	358	38.6	260	28.7
Radio with Battery								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	11,023	66.0	10,377	69.8	520	56.1	126	13.9
No	5,677	34.0	4,490	30.2	406	43.9	780	86.1
Number of automobiles								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
0	4,489	26.9	4,123	27.7	187	20.2	179	19.8
1	7,970	47.7	6,988	47.0	479	51.8	502	55.4
2	3,134	18.8	2,760	18.6	203	21.9	170	18.8
3	810	4.8	716	4.8	49	5.3	45	5.0
4 or more	297	1.8	280	1.9	8	0.9	9	1.0
Motor boat								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
0	16,031	96.0	14,343	96.5	845	91.2	843	93.1
1	547	3.3	419	2.8	65	7.0	63	6.9
2 or more	121	0.7	105	0.7	16	1.8	0	0.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 130. Telephone in unit, Phone bill, Cell phone, Cell data plan, Cell phone cost by Island, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Telephone in unit								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	8,638	51.7	7,547	50.8	553	59.6	538	59.4
No	8,062	48.3	7,320	49.2	374	40.4	368	40.6
Phone bill								
Total	8,638	100.0	7,547	100.0	553	100.0	538	100.0
0 - 24	3,129	36.2	2,725	36.1	171	30.9	233	43.3
25 - 49	2,673	30.9	2,306	30.6	98	17.6	269	50.0
50 - 74	1,547	17.9	1,398	18.5	114	20.6	36	6.7
75 - 99	560	6.5	454	6.0	106	19.1	0	0.0
100 or more	729	8.4	664	8.8	65	11.8	0	0.0
Mean	43	0.0	43	0.0	57	0.0	25	0.0
Median	36	0.0	36	0.0	52	0.0	28	0.0
Cell phone								
Total	16,682	100.0	14,850	100.0	926	100.0	906	100.0
0	1,385	8.3	1,136	7.6	106	11.4	144	15.8
1	6,515	39.1	5,765	38.8	382	41.2	368	40.6
2	4,921	29.5	4,385	29.5	276	29.8	260	28.7
3	2,180	13.1	2,027	13.6	81	8.8	72	7.9
4	1,203	7.2	1,101	7.4	49	5.3	54	5.9
5	260	1.6	227	1.5	24	2.6	9	1.0
6 or more	218	1.3	210	1.4	8	0.9	0	0.0
Median	2	0.0	2	0.0	2	0.0	2	0.0
Cell data plan								
Total	15,227	100.0	13,644	100.0	821	100.0	762	100.0
Yes	6,738	44.3	6,080	44.6	309	37.6	350	45.9
No	8,489	55.7	7,565	55.4	512	62.4	413	54.1
Cell phone cost								
Total	15,297	100.0	13,714	100.0	821	100.0	762	100.0
\$0	1,454	9.5	1,066	7.8	57	6.9	332	43.5
\$ 1 - \$24	3,871	25.3	3,494	25.5	341	41.6	36	4.7
\$ 25 - \$ 49	3,490	22.8	3,249	23.7	187	22.8	54	7.1
\$ 50 - \$74	2,397	15.7	2,219	16.2	98	11.9	81	10.6
\$ 75 - \$ 99	3,584	23.4	3,284	23.9	138	16.8	161	21.2
\$ 100 - \$ 149	1,258	8.2	1,136	8.3	33	4.0	90	11.8
\$ 150 - \$ 199	874	5.7	804	5.9	16	2.0	54	7.1
\$ 200 or more	766	5.0	681	5.0	49	5.9	36	4.7
Median	50	0.0	50	0.0	33	0.0	50	0.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 131. Television, Cable TV, Cable bill by 50s, Computer, Internet access, Internet connection, Internet speed, Internet bill by 50s by Island, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Television								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	13,407	80.3	11,984	80.6	723	78.1	700	77.2
No	3,292	19.7	2,883	19.4	203	21.9	206	22.8
Cable TV								
Total	13,407	100.0	11,984	100.0	723	100.0	700	100.0
Yes	6,538	48.8	6,010	50.1	268	37.1	260	37.2
No	6,869	51.2	5,975	49.9	455	62.9	440	62.8
Cable bill by 50s								
Total	6,538	100.0	6,010	100.0	268	100.0	260	100.0
0	0	0.0	0	0.0	0	0.0	0	0.0
01 - 49	2,272	34.7	1,974	32.8	73	27.3	224	86.2
50 - 99	3,813	58.3	3,599	59.9	179	66.7	36	13.8
100 - 149	200	3.1	192	3.2	8	3.0	0	0.0
150 - 199	35	0.5	35	0.6	0	0.0	0	0.0
200+	218	3.3	210	3.5	8	3.0	0	0.0
Computer								
Total	16,682	100.0	14,850	100.0	926	100.0	906	100.0
Yes	6,922	41.5	6,289	42.4	382	41.2	251	27.7
No	9,760	58.5	8,560	57.6	544	58.8	655	72.3
Internet access								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes	8,799	52.7	7,774	52.3	585	63.2	440	48.5
No	7,901	47.3	7,093	47.7	341	36.8	466	51.5
Internet connection								
Total	8,799	100.0	7,774	100.0	585	100.0	440	100.0
Phone line	5,790	65.8	4,961	63.8	398	68.1	431	98.0
Broadband	3,009	34.2	2,813	36.2	187	31.9	9	2.0
Internet speed								
Total	8,799	100.0	7,774	100.0	585	100.0	440	100.0
< 786 KBS	8	0.1	0	0.0	8	1.4	0	0.0
768 < 1.5	8,791	99.9	7,774	100.0	577	98.6	440	100.0
1.5 < 3	0	0.0	0	0.0	0	0.0	0	0.0
3 < 6	0	0.0	0	0.0	0	0.0	0	0.0
6 or Higher	0	0.0	0	0.0	0	0.0	0	0.0
Internet bill by 50s								
Total	8,695	100.0	7,687	100.0	569	100.0	440	100.0
0	759	8.7	611	8.0	138	24.3	9	2.0
01 - 49	2,049	23.6	1,852	24.1	89	15.7	108	24.5
50 - 99	5,194	59.7	4,595	59.8	276	48.6	323	73.5
100 - 149	548	6.3	524	6.8	24	4.3	0	0.0
150 - 199	61	0.7	52	0.7	8	1.4	0	0.0
200+	85	1.0	52	0.7	33	5.7	0	0.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 132. Electric power, Electric Bill, Gas Bill, Water Bill, Water w/ rent by Island, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Electric power								
Total	16,699	100.0	14,867	100.0	926	100.0	906	100.0
Yes, with bill	13,460	80.6	11,880	79.9	764	82.5	816	90.1
Yes, included in rent	934	5.6	926	6.2	8	0.9	0	0.0
No	2,306	13.8	2,061	13.9	154	16.7	90	9.9
Electric Bill								
Total	13,460	100.0	11,880	100.0	764	100.0	816	100.0
\$ 1 - \$ 49	2,780	20.7	2,376	20.0	171	22.3	233	28.6
\$ 50 - \$ 74	2,833	21.1	2,481	20.9	146	19.1	206	25.3
\$ 75 - \$ 99	1,784	13.3	1,572	13.2	122	16.0	90	11.0
\$ 100 - \$ 149	2,684	19.9	2,393	20.1	138	18.1	152	18.7
\$ 150 - \$ 199	1,125	8.4	978	8.2	57	7.4	90	11.0
\$ 200 - \$ 299	1,288	9.6	1,170	9.9	73	9.6	45	5.5
\$ 300 or more	965	7.2	908	7.6	57	7.4	0	0.0
Mean	122	0.0	125	0.0	122	0.0	87	0.0
Median	91	0.0	92	0.0	88	0.0	71	0.0
Gas Bill								
Total	15,553	100.0	13,924	100.0	813	100.0	816	100.0
\$ 1 - \$9	1,151	7.4	1,118	8.0	24	3.0	9	1.1
\$10 - \$19	3,019	19.4	2,848	20.5	81	10.0	90	11.0
\$20 - \$29	6,485	41.7	6,027	43.3	252	31.0	206	25.3
\$ 30 - \$ 39	1,854	11.9	1,415	10.2	268	33.0	170	20.9
\$ 40 - \$ 49	926	6.0	681	4.9	65	8.0	179	22.0
\$ 50 - \$ 74	1,178	7.6	961	6.9	65	8.0	152	18.7
\$ 75 - \$ 99	287	1.8	262	1.9	16	2.0	9	1.1
\$ 100 - \$ 149	436	2.8	419	3.0	16	2.0	0	0.0
\$ 150 or more	217	1.4	192	1.4	24	3.0	0	0.0
Mean	32	0.0	31	0.0	37	0.0	34	0.0
Median	26	0.0	25	0.0	32	0.0	36	0.0
Water Bill								
Total	13,926	100.0	12,212	100.0	853	100.0	861	100.0
\$ 1 - \$9	271	1.9	245	2.0	8	1.0	18	2.1
\$10 - \$19	1,682	12.1	1,502	12.3	81	9.5	99	11.5
\$20 - \$29	2,626	18.9	2,376	19.5	98	11.4	152	17.7
\$ 30 - \$ 39	2,246	16.1	1,992	16.3	138	16.2	117	13.5
\$ 40 - \$ 49	1,642	11.8	1,380	11.3	154	18.1	108	12.5
\$ 50 - \$ 74	2,803	20.1	2,306	18.9	228	26.7	269	31.3
\$ 75 - \$ 99	818	5.9	734	6.0	49	5.7	36	4.2
\$ 100 - \$ 149	1,053	7.6	943	7.7	65	7.6	45	5.2
\$ 150 - \$ 199	365	2.6	332	2.7	24	2.9	9	1.0
\$ 200 - \$ 299	244	1.8	227	1.9	8	1.0	9	1.0
\$ 300 or more	175	1.3	175	1.4	0	0.0	0	0.0
Mean	54	0.0	55	0.0	52	0.0	48	0.0
Median	41	0.0	40	0.0	47	0.0	44	0.0
Water w/ rent								
Total	3,001	100.0	2,883	100.0	73	100.0	45	100.0
Yes	1,807	60.2	1,782	61.8	16	22.2	9	20.0
No	1,193	39.8	1,101	38.2	57	77.8	36	80.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Table 133. Value of house, Home Insurance, Mortgages, Number of mortgages, Mortgage1, Condominium by Island, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Value of house								
Total	4,652	100.0	4,053	100.0	276	100.0	323	100.0
\$ 0 - \$24999	817	17.6	716	17.7	65	23.5	36	11.1
\$ 25000 - \$ 49999	776	16.7	716	17.7	33	11.8	27	8.3
\$ 50000 - \$ 74999	968	20.8	786	19.4	65	23.5	117	36.1
\$ 75000 - \$ 99999	568	12.2	437	10.8	33	11.8	99	30.6
\$ 100000 - \$149999	818	17.6	769	19.0	41	14.7	9	2.8
\$ 150000 - \$ 199999	226	4.9	175	4.3	24	8.8	27	8.3
\$ 200000 or more	479	10.3	454	11.2	16	5.9	9	2.8
Median	68,943	0.0	68,889	0.0	65,625	0.0	71,154	0.0
Home Insurance								
Total	4,652	100.0	4,053	100.0	276	100.0	323	100.0
None	4,061	87.3	3,511	86.6	236	85.3	314	97.2
\$ 1 - \$ 499	209	4.5	192	4.7	8	2.9	9	2.8
\$ 500 - \$ 999	199	4.3	175	4.3	24	8.8	0	0.0
\$1000 or more	183	3.9	175	4.3	8	2.9	0	0.0
Mortgages								
Total	4,670	100.0	4,071	100.0	276	100.0	323	100.0
Yes	925	19.8	839	20.6	33	11.8	54	16.7
No	3,745	80.2	3,232	79.4	244	88.2	269	83.3
Number of mortgages								
Total	16,621	100.0	14,797	100.0	926	100.0	897	100.0
None	15,740	94.7	13,993	94.6	894	96.5	852	95.0
1	829	5.0	751	5.1	33	3.5	45	5.0
2 or more	52	0.3	52	0.4	0	0.0	0	0.0
Mortgage1								
Total	960	100.0	874	100.0	33	100.0	54	100.0
\$0	52	5.5	52	6.0	0	0.0	0	0.0
\$ 1 - \$ 99	17	1.8	17	2.0	0	0.0	0	0.0
\$ 100 - \$ 199	122	12.7	122	14.0	0	0.0	0	0.0
\$ 200 - \$ 299	165	17.2	122	14.0	16	50.0	27	50.0
\$ 300 - \$ 399	123	12.8	105	12.0	0	0.0	18	33.3
\$ 400 - \$ 499	192	20.0	175	20.0	8	25.0	9	16.7
\$ 500 - \$ 599	105	10.9	105	12.0	0	0.0	0	0.0
\$ 600 - \$ 999	95	9.9	87	10.0	8	25.0	0	0.0
\$ 1000 or more	87	9.1	87	10.0	0	0.0	0	0.0
Median	400	0.0	410	0.0	350	0.0	300	0.0
Condominium								
Total	16,682	100.0	14,850	100.0	926	100.0	906	100.0
Yes	35	0.2	35	0.2	0	0.0	0	0.0
No	16,647	99.8	14,815	99.8	926	100.0	906	100.0

Source: 2016 CNMI Household Income and Expenditures Survey

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

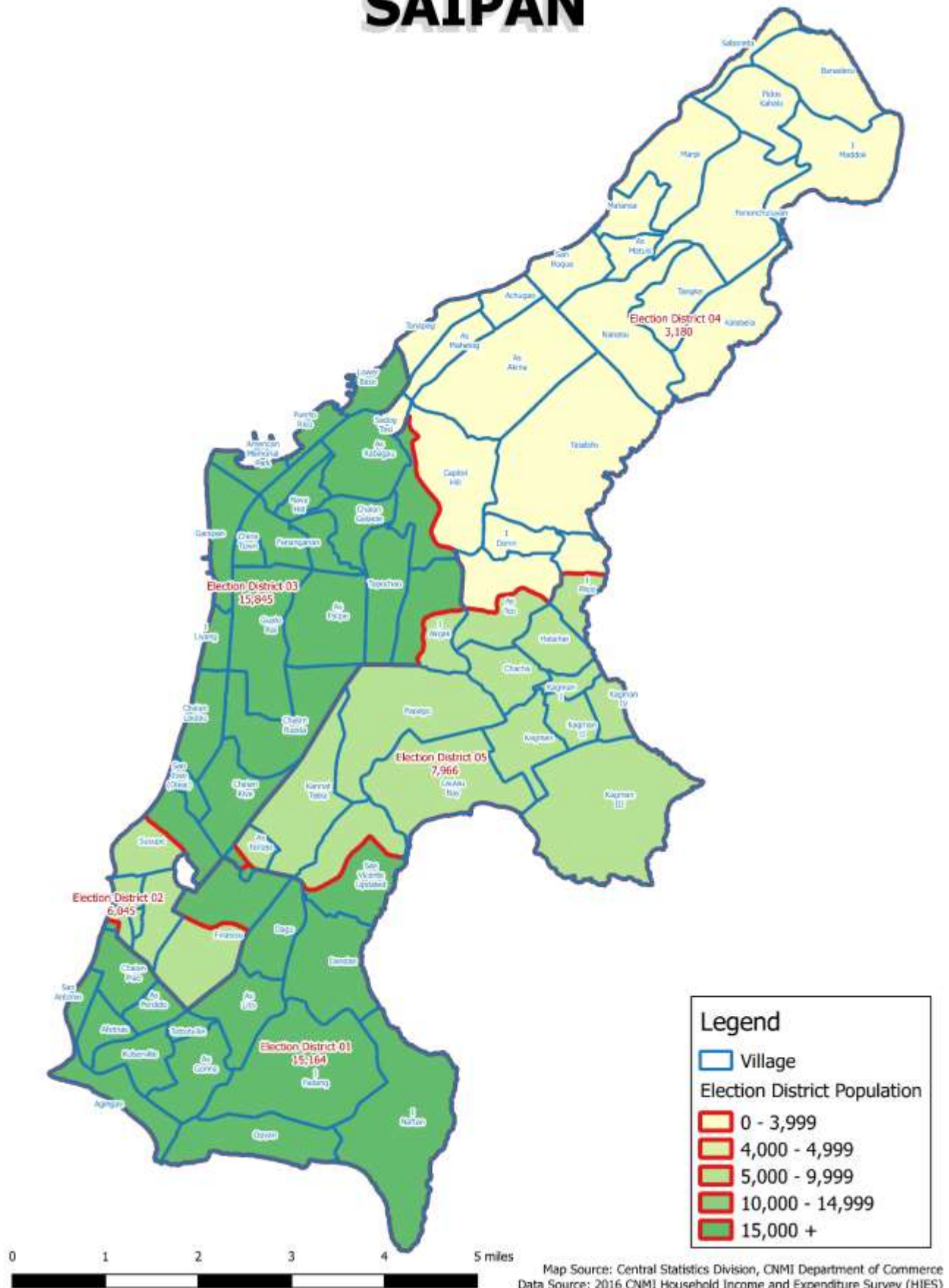
Table 134. Nutritional Assistance Programs, NAP Amount, Typhoon repairs, Natural Disaster Assistance, Natural Disaster Amount by Island, CNMI: 2016

	Island							
	Total	Percent	Saipan	Percent	Tinian	Percent	Rota	Percent
Nutritional Assistance Programs								
Total	16,682	100.0	14,850	100.0	926	100.0	906	100.0
Yes	3,006	18.0	2,655	17.9	252	27.2	99	10.9
No	13,676	82.0	12,194	82.1	675	72.8	807	89.1
NAP Amount								
Total	3,006	100.0	2,655	100.0	252	100.0	99	100.0
\$ 1 - \$ 99	336	11.2	262	9.9	65	25.8	9	9.1
\$ 100 - \$ 199	573	19.1	524	19.7	49	19.4	0	0.0
\$ 200 - \$ 299	681	22.7	664	25.0	8	3.2	9	9.1
\$ 300 - \$ 399	283	9.4	192	7.2	73	29.0	18	18.2
\$ 400 - \$ 499	164	5.5	105	3.9	33	12.9	27	27.3
\$ 500 - \$ 599	253	8.4	227	8.6	8	3.2	18	18.2
\$ 600 - \$ 999	331	11.0	297	11.2	16	6.5	18	18.2
\$ 1000 or more	384	12.8	384	14.5	0	0.0	0	0.0
Median	287	0.0	282	0.0	306	0.0	450	0.0
Typhoon repairs								
Total	16,682	100.0	14,850	100.0	926	100.0	906	100.0
Yes	5,039	30.2	4,595	30.9	130	14.0	314	34.7
No	11,643	69.8	10,255	69.1	796	86.0	592	65.3
Natural Disaster Assistance								
Total	16,682	100.0	14,850	100.0	926	100.0	906	100.0
Yes	5,694	34.1	5,625	37.9	33	3.5	36	4.0
No	10,988	65.9	9,224	62.1	894	96.5	870	96.0
Natural Disaster Amount								
Total	5,292	100.0	5,224	100.0	33	100.0	36	100.0
\$ 0 - \$ 249	943	17.8	943	18.1	0	0.0	0	0.0
\$ 250 - \$ 499	1,379	26.1	1,345	25.8	16	50.0	18	50.0
\$ 500 - \$ 999	812	15.3	786	15.1	8	25.0	18	50.0
\$ 1000 - \$ 1999	577	10.9	577	11.0	0	0.0	0	0.0
\$ 2000 - \$ 2999	472	8.9	472	9.0	0	0.0	0	0.0
\$ 3000 - \$ 4999	585	11.0	577	11.0	8	25.0	0	0.0
\$ 5000 or more	524	9.9	524	10.0	0	0.0	0	0.0
Median	699	0.0	706	0.0	500	0.0	500	0.0

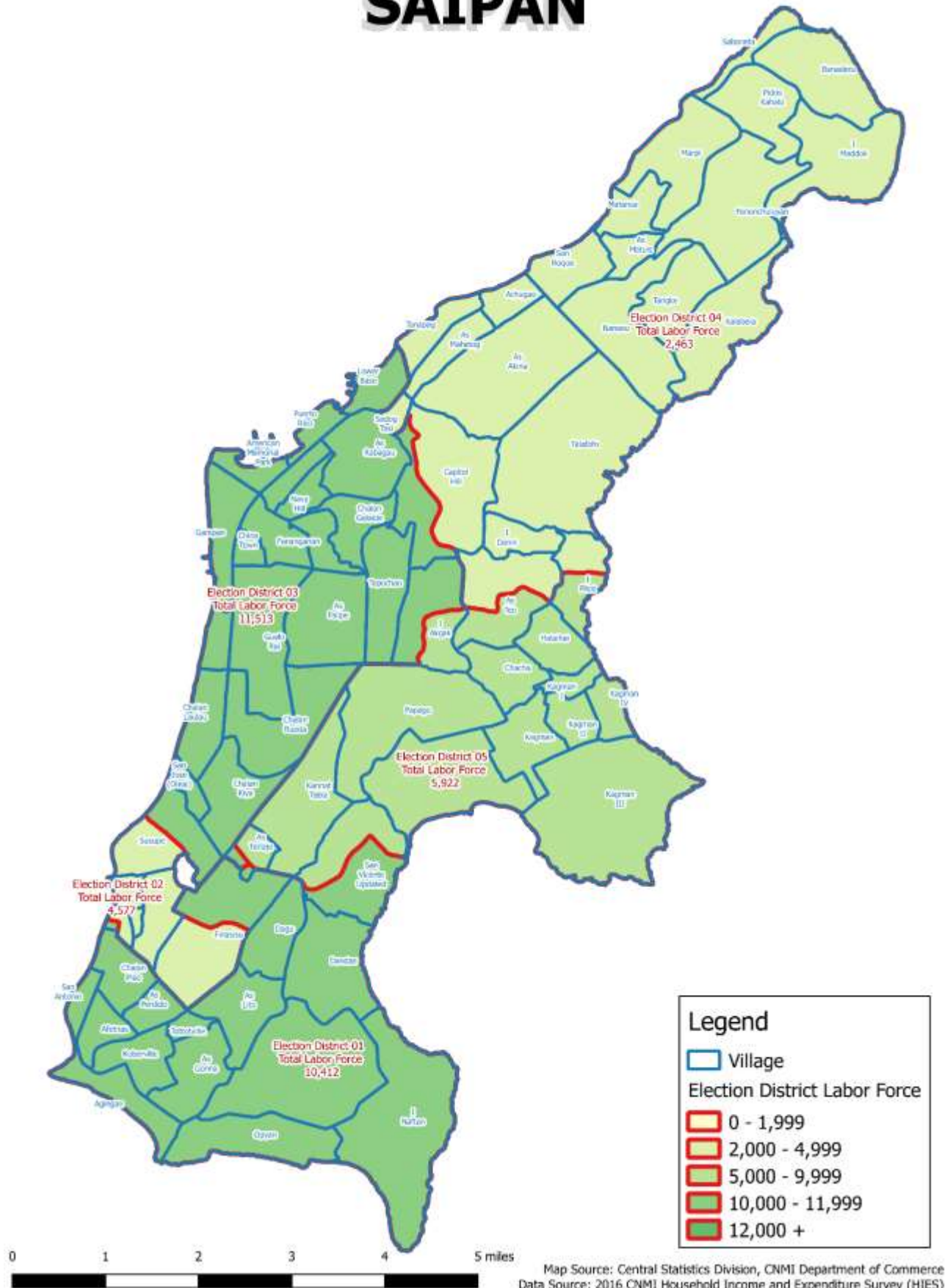
Source: 2016 CNMI Household Income and Expenditures Survey

APPENDIX B – THEMATIC MAPS

SAIPAN



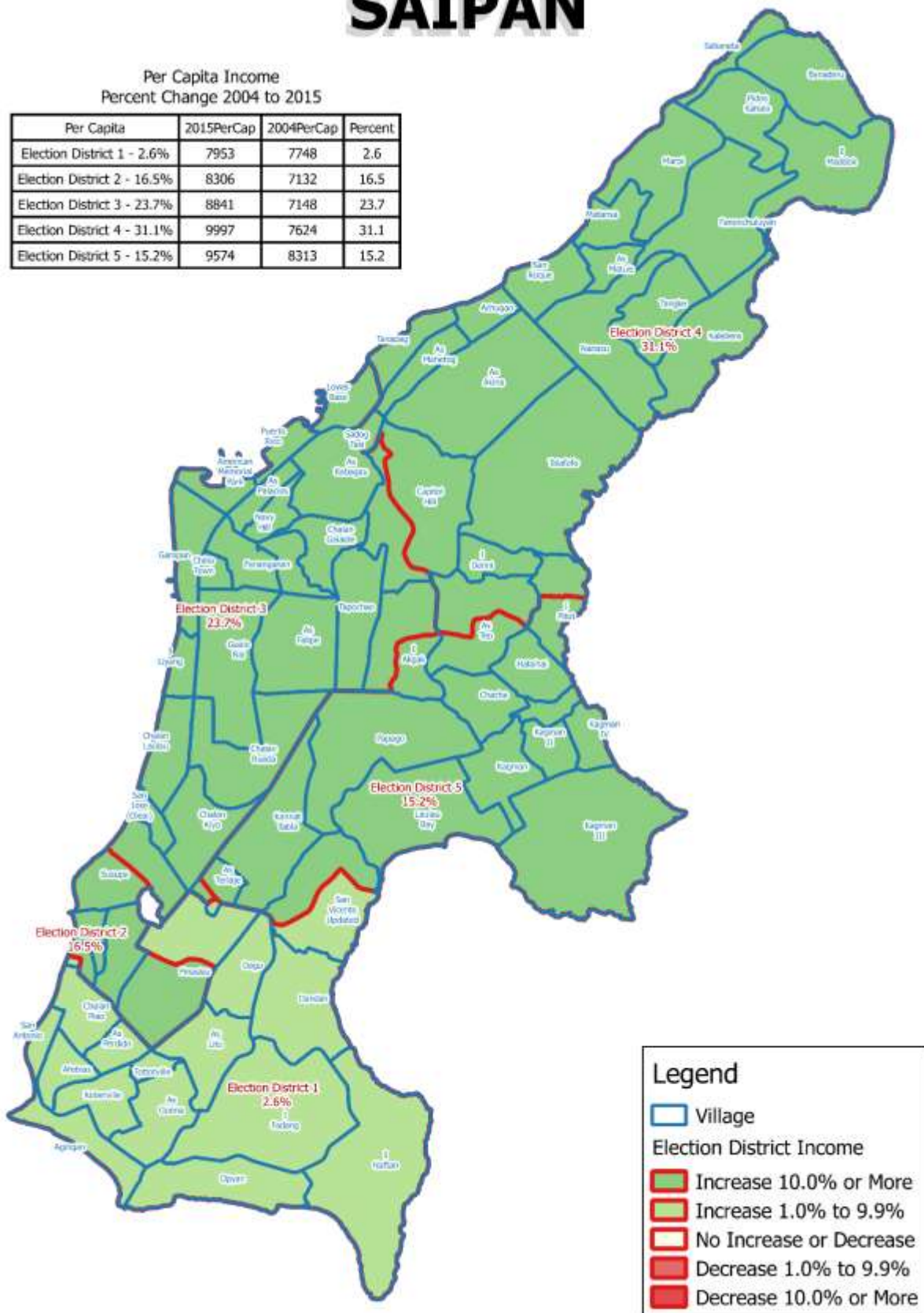
SAIPAN



SAIPAN

Per Capita Income
Percent Change 2004 to 2015

Per Capita	2015PerCap	2004PerCap	Percent
Election District 1 - 2.6%	7953	7748	2.6
Election District 2 - 16.5%	8306	7132	16.5
Election District 3 - 23.7%	8841	7148	23.7
Election District 4 - 31.1%	9997	7624	31.1
Election District 5 - 15.2%	9574	8313	15.2

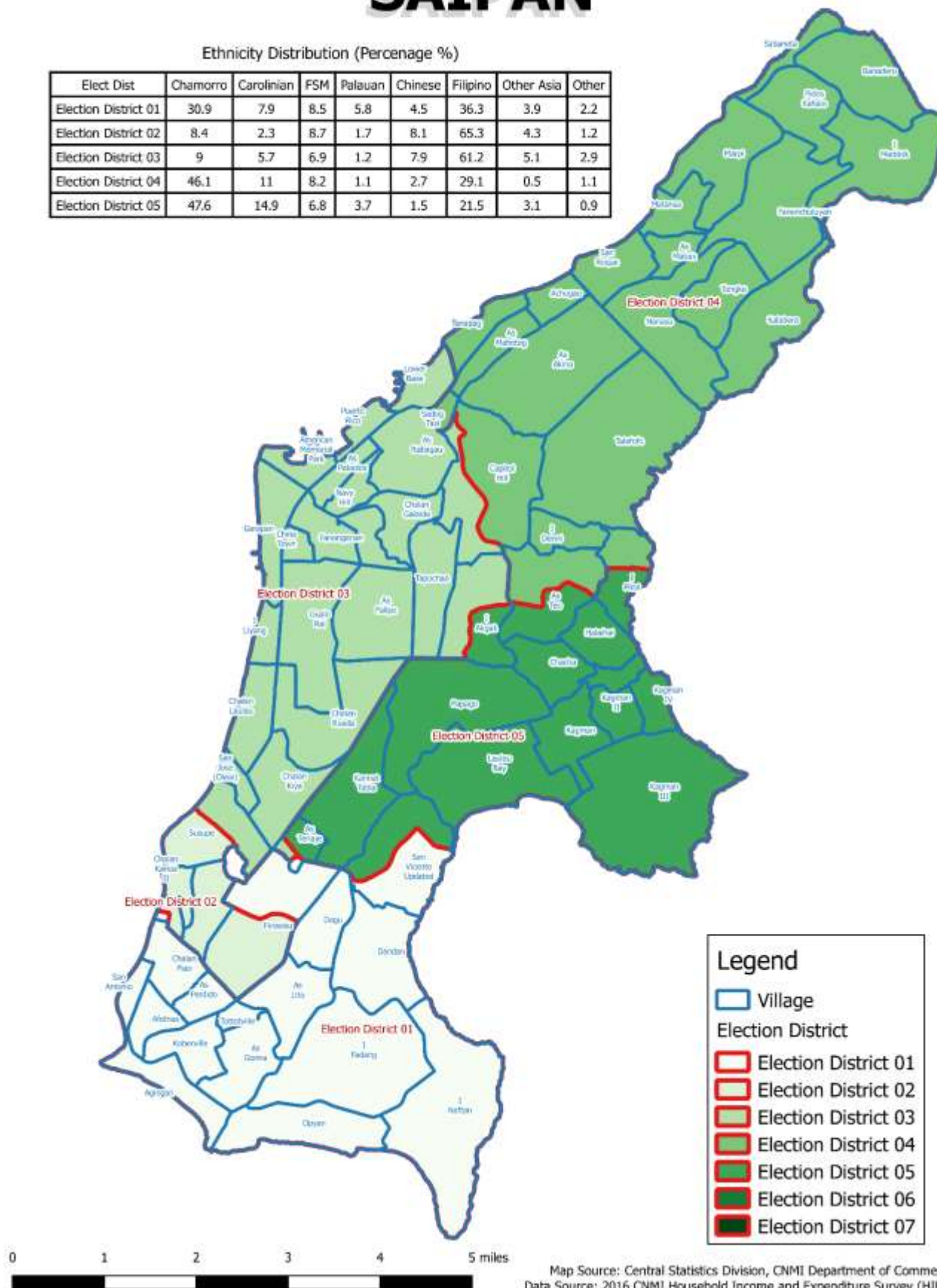


Map Source: Central Statistics Division, CNMI Department of Commerce
Data Source: 2016 CNMI Household Income and Expenditure Survey (HIES)

SAIPAN

Ethnicity Distribution (Percentage %)

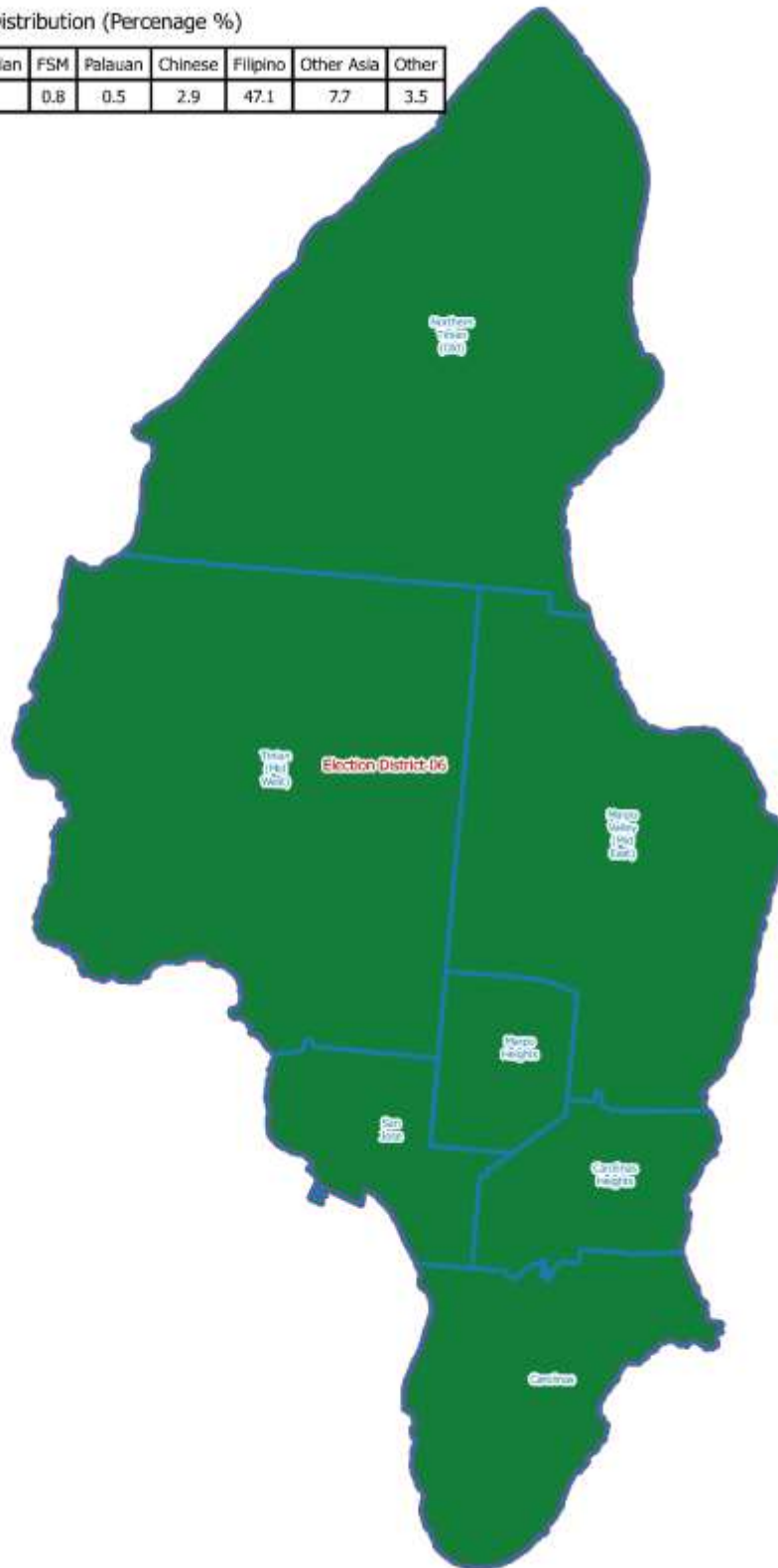
Elect Dist	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asia	Other
Election District 01	30.9	7.9	8.5	5.8	4.5	36.3	3.9	2.2
Election District 02	8.4	2.3	8.7	1.7	8.1	65.3	4.3	1.2
Election District 03	9	5.7	6.9	1.2	7.9	61.2	5.1	2.9
Election District 04	46.1	11	8.2	1.1	2.7	29.1	0.5	1.1
Election District 05	47.6	14.9	6.8	3.7	1.5	21.5	3.1	0.9



TINIAN

Ethnicity Distribution (Percentage %)

Elect Dist	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asia	Other
Election District 06	36.7	0.8	0.8	0.5	2.9	47.1	7.7	3.5



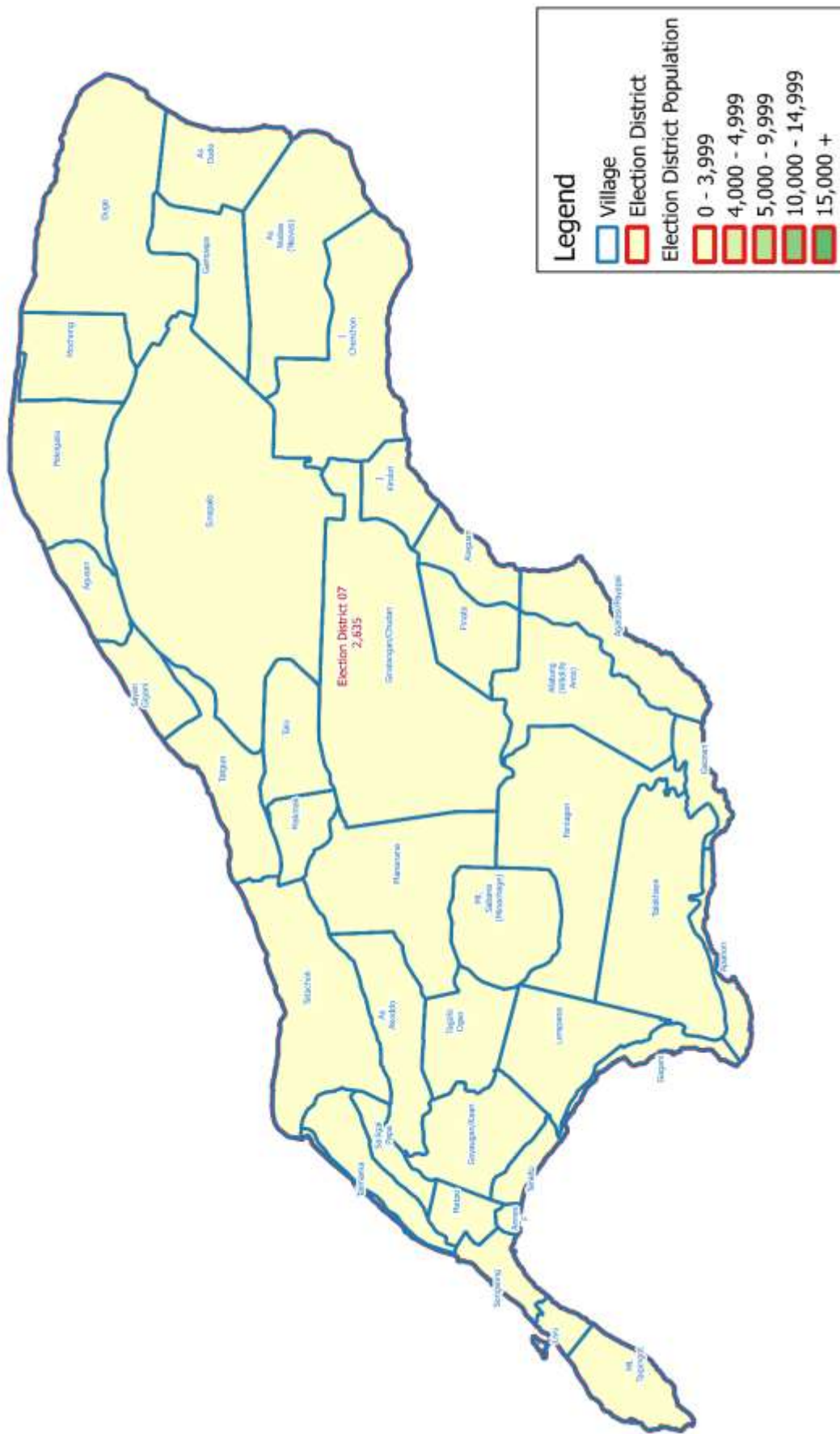
Legend

- Village
- Election District**
- Election District 01
- Election District 02
- Election District 03
- Election District 04
- Election District 05
- Election District 06
- Election District 07



Map Source: Central Statistics Division, CNMI Department of Commerce
 Data Source: 2016 CNMI Household Income and Expenditure Survey (HIES)

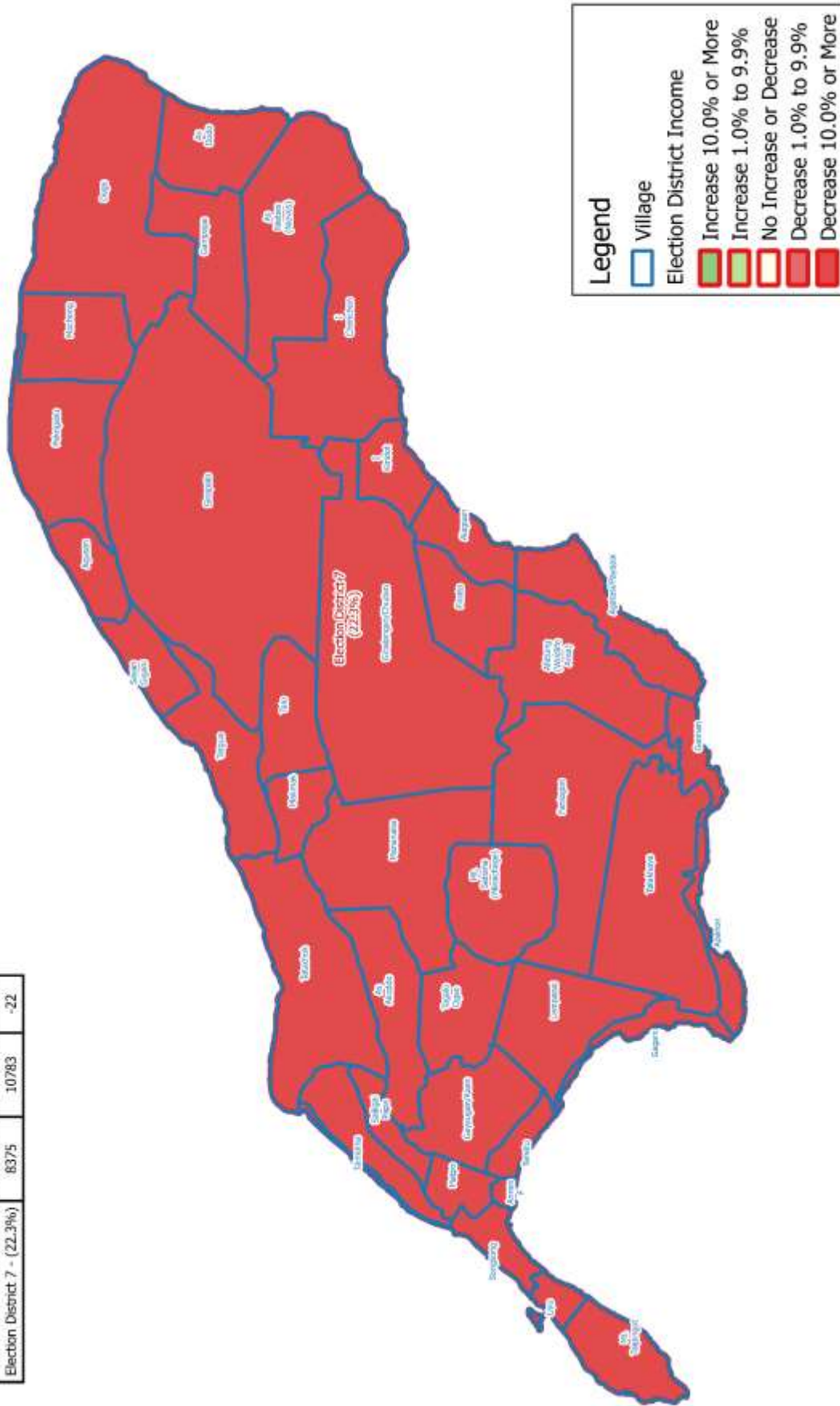
ROTA



ROTA

Per Capita Income
Percent Change 2004 to 2015

Per Capita	2015PerCap	2004PerCap	Percent
Election District 7 - (22.3%)	8375	10783	-22

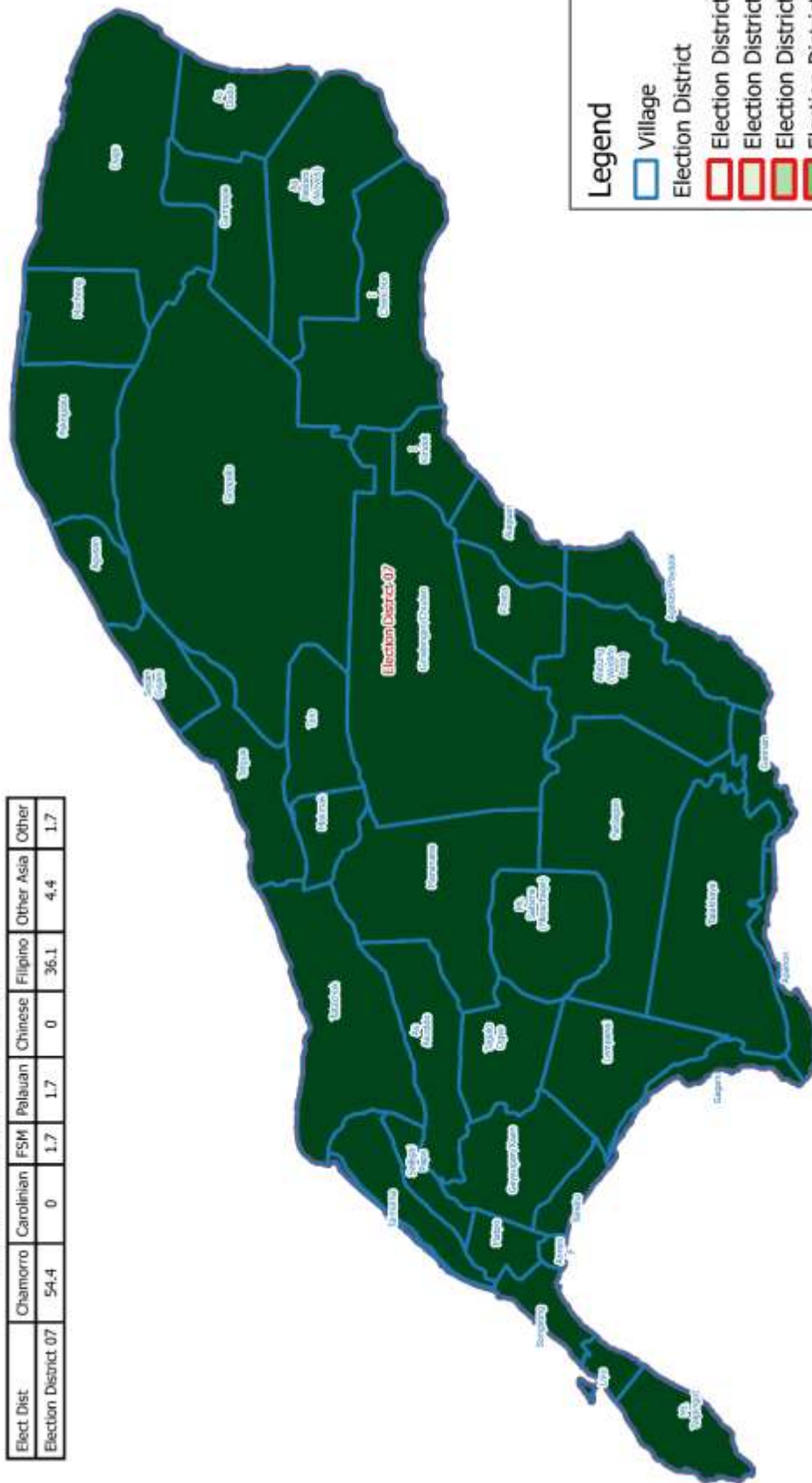


Map Source: Central Statistics Division, CNMI Department of Commerce
Data Source: 2016 CNMI Household Income and Expenditure Survey (HIES)

ROTA

Ethnicity Distribution (Percentage %)

Elect Dist	Chamorro	Carolinian	FSM	Palauan	Chinese	Filipino	Other Asia	Other
Election District 07	54.4	0	1.7	1.7	0	36.1	4.4	1.7



Legend


- Village
- Election District
- Election District 01
- Election District 02
- Election District 03
- Election District 04
- Election District 05
- Election District 06
- Election District 07

6 miles



Map Source: Central Statistics Division, CNMI Department of Commerce
 Data Source: 2016 CNMI Household Income and Expenditure Survey (HIES)

APPENDIX C – HOUSEHOLD QUESTIONNAIRE

SERIAL NUMBER:		FORM: _____ OF _____																																										
CNMI HIES (CNMI2016-1)		CENTRAL STATISTICS DIVISION CNMI DEPARTMENT OF COMMERCE																																										
<p>2016</p> <p>HOUSEHOLD INCOME AND EXPENDITURE SURVEY</p> <p>COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS</p>																																												
1 st Visit	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">A. Island</td> <td style="width: 20%;">B. Village</td> <td style="width: 20%;">C. AA</td> <td style="width: 20%;">D. Block</td> <td style="width: 20%;">E. Map Spot</td> </tr> <tr> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table>		A. Island	B. Village	C. AA	D. Block	E. Map Spot	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																																
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2016 CNMI Household Income and Expenditures Survey

Notice: Response to this inquiry is required by law (**Public Law 7-35**). By the same law, **YOUR RESPONSES OR ANSWERS ARE CONFIDENTIAL** and will only be used for statistical purposes.

The 2016 Household Income and Expenditures Survey of Commonwealth of the Northern Mariana Islands counts each person at his or her "usual residence." The usual residence is the place where the person lives and sleeps most of the time.

Include:

- Everyone who usually lives here such as family members, house mates and roommates, foster children, roomers, boarders, and live-in employees
 - Persons who are temporarily away on a business trip, on vacation, or in a general hospital
 - College students who stay here while attending college
- Persons in the Armed Forces who live here, including local reservists temporarily deployed
 - Newborn babies still in the hospital
 - Children in boarding schools below the college level
 - Persons who stay here most of the week while working even if they have a home somewhere else
 - Persons with no other home who were staying here on January

DO NOT Include:

- ❖ Persons who usually live somewhere else
 - ❖ Persons who are away in an institution such as a prison, mental hospital, or a nursing home
- ❖ College students who live somewhere else while attending college
 - ❖ Persons in the Armed Forces who live somewhere else
 - ❖ Persons who stay somewhere else most of the week while working

1a. Please give me the name of each person living here on January 1, 2016, including all persons staying here who have no other home. If EVERYONE is staying here temporarily and usually lives somewhere else, give me the name of each person. Begin with the household member in whose name the home is owned, being bought, or rented. If there is no such person, start with any adult household member.

Print last name, first name, and middle initial for each person.

1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

1b. If **EVERYONE** listed above is staying here only temporarily and usually lives somewhere else. ASK – Where do these people usually live? Write their address here:

2016 CNMI Household Income and Expenditures Survey

Section 1A - General Housing Characteristics

<p>H1a. When you told me the names of persons living here on January 1, did you leave anyone out because you were not sure if the person should be listed — for example, someone temporarily away on a business trip or vacation, a newborn baby still in the hospital, or a person who stays here once in a while and has no other home?</p> <p style="text-align: right;">1. Yes Determine if you should delete the person(s) based on the instructions for Question 1a. 2. No</p>	<p>H8. What is the MAIN type of material used for the roof of this building?</p> <p>1. Poured concrete 4. Wood 2. Concrete blocks 5. Pre-fabricated combination of above 3. Metal 6. Other</p>
<p>H1b. When you told me the names of persons living here on January 1, did you include everyone even though you were not sure that the person should be listed — for example, a visitor who is staying here temporarily or a person who usually lives somewhere else?</p> <p style="text-align: right;">1. Yes Determine if you should delete the person(s) based on the instructions for Question 1a. 2. No</p>	<p>H9. How many rooms do you have in this house/apartment? <i>Count living rooms, dining rooms, kitchens, and bedrooms, but do NOT count bathrooms, balconies, foyers, or halls.</i></p>
<p>H2a. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><u>A one-family house:</u> <u>A Building With:</u></p> <p>1. Detached from any other house 3. 2 apartments or units 7. 20 or more apartments 2. Attached to one or more houses 4. 3 to 4 apartments 8. A boat or houseboat 5. 5 to 9 apartments 9. Mobile home/trailer 6. 10 to 19 apartments 10. Other</p> <p style="text-align: center;"><i>Ask ONLY IF this is a ONE-FAMILY HOUSE — IF H2a is 1 or 2, SKIP to H4c.</i></p>	<p>H10. How many bedrooms do you have? <i>That is, how many bedrooms would you list if this (house/apartment) were on the market for sale or rent?</i></p>
<p>H2b. Is there a business (such as a store) or a medical office on this property?</p> <p style="text-align: center;">1. Yes 2. No</p>	<p>H11. Do you have hot AND cold piped water?</p> <p>1. Yes, in this unit 4. No, only cold piped water in this building 2. Yes, in this building 5. No, only cold piped water outside this building 3. No, only cold piped water in this unit 6. No piped water</p>
<p>H3. Is this (house/apartment/condominium) —</p> <p>1. Owned by someone in this household with a mortgage or loan? 2. Owned by someone in this household free and clear (without a mortgage)? 3. Rented for cash rent? 4. Occupied without payment of cash rent?</p> <p style="text-align: center;"><i>Ask ONLY IF this house is RENTED — IF H3 is NOT 3, SKIP to H4c.</i></p>	<p>H12. <i>If Yes, Ask</i> — What type of energy powers your water heater?</p> <p>1. Electricity 3. Solar 2. Gas 4. Other Fuels</p>
<p>H4. What is the total monthly rent? \$</p>	<p>H13. Do you have a bathtub or shower?</p> <p>1. Yes, in this Unit 3. Yes, outside this Building 2. Yes, in this Building 4. No.</p>
<p>H4a. <i>If the government is paying part of the rent — How much are they paying each month?</i> \$</p>	<p>H14. Do you have a flush toilet?</p> <p>1. Yes, in this unit 4. No, ventilated outhouse/privy 2. Yes, in this building 5. Other or none 3. Yes, outside this building</p>
<p>H4b. <i>If a non-government organization is paying part of the rent — How much are they paying each month?</i> \$</p>	<p>H15. Which FUEL is used MOST for cooking in this unit?</p> <p>1. Electricity 6. Electricity and kerosene 2. Gas: bottled or tank (LPG) 7. Gas and kerosene 3. Kerosene 8. Wood 4. Butane 9. Other 5. Electricity and gas</p>
<p>H4c. <i>If you pay any insurance for your household goods — What is the annual amount?</i> \$</p>	<p>H16. Do you have an electric or gas stove?</p> <p style="text-align: center;">1. Yes 2. No</p>
<p>H5. About what year was this building first built?</p> <p>1. 2016 4. 2000 to 2004 7. 1940 to 1969 2. 2010 to 2015 5. 1990 to 1999 8. 1939 or earlier 3. 2005 to 2009 6. 1970 to 1989 9. Don't know</p>	<p>H16a. Do you have a microwave oven?</p> <p style="text-align: center;">1. Yes 2. No</p>
<p>H6. When did (Person listed on line 1) move into this unit? <i>Please Print Year.</i></p>	<p>H17. Do you have a refrigerator in this unit?</p> <p style="text-align: center;">1. Yes 2. No</p>
<p>H7. What is the MAIN type of material used for the outside walls of this building?</p> <p>1. Poured concrete 4. Wood 2. Concrete blocks 5. Pre-fabricated combination of above 3. Metal 6. Other</p>	

2016 CNMI Household Income and Expenditures Survey

Section 1A - General Housing Characteristics - Continued -

H34 - H36: Ask ONLY if someone in this household OWNS OR IS BUYING this house, apartment, or lot -

H34.	What is the value of this dwelling; that is, how much do you think it would cost to build this dwelling now?	\$
H35.	<i>For this property</i> - What is the annual payment for insurance for this building or house?	\$
H36.	Do you have any loans for this property?	1. Yes 2. No
H36a.	How many loans for this property are you currently making repayments on?	
Housing loan information		
	1 st Loan	2 nd Loan
	3 rd Loan	4 th Loan
	5 th Loan	
	If at least one, how much are you paying per month for each loan?	\$
H37.	Is this unit part of a condominium?	1. Yes 2. No
H37a.	<i>If Yes</i> - What is the monthly condo common fee?	\$
H38.	Does any member of the household receive assistance from nutritional assistance programs (Food Stamp)?	1. Yes 2. No
H38a.	<i>If Yes</i> - What is the total combined amount of the household?	\$
H39.	Due to any natural disaster, were there any repairs made on this dwelling?	1. Yes 2. No
H40.	Did you receive any natural disaster related assistance in 2015?	1. Yes 2. No
H40a.	<i>If Yes</i> - What was the total amount?	\$

Section 2. Construction and Repairs (12-month recall period)

These questions are on construction, maintenance, alterations or repairs done on your own or other units, including those you did yourself and those you paid someone to do. In the last 12 months how much money did you spend on the following? If any item was charged over time, provide the monthly repayment.

Construction and Repairs						<i>If None, Check this Box</i> →	
	Item	Total Spent	Monthly Payment		Item	Total Spent	Monthly Payment
201	Dwelling Under Construction	\$	\$	208	Outside Improvements (Fence, Driveway, Etc.)	\$	\$
202	Building An Addition (Extra Room, Porch, Etc.)	\$	\$	209	Plumbing Or Water Heater Installation/Repair	\$	\$
203	Remodeling Or Renovating Inside Room(S)	\$	\$	210	Electrical Repairs Or Improvements	\$	\$
204	Remodeling Or Renovating Outside Room(S)	\$	\$	211	Install, Repair, Replace Window Pane, Screen	\$	\$
205	Repairing Roof / Gutter	\$	\$	212	Typhoon Shutters	\$	\$
206	Landscaping And Yard Maintenance	\$	\$	213	Other Improvements Or Repairs	\$	\$
207	Air Conditioning Installation / Repair	\$	\$	214	Other Construction Activity	\$	\$

2016 CNMI Household Income and Expenditures Survey

Section 3. Consumer Durables, Furniture, Electronic Items and Recreation Items (12-month recall period)

These questions are about household items you purchased in the last 12 months. Please include anything bought with a credit card or cash. If any item was charged over time, provide the monthly repayment. Include any item purchased by your household and given to someone else or to another household

Major Appliances

If None, Check this Box →

Item	1. New 2. Used	Total Spent	Monthly Payment	Item	1. New 2. Used	Total Spent	Monthly Payment
301 Stove / Range / Oven (Electric)		\$	\$	309 Microwave Oven		\$	\$
302 Stove / Range / Oven (Gas)		\$	\$	310 Washing Machine		\$	\$
303 Range Hood / Stove Exhaust Fan		\$	\$	311 Clothes Dryer		\$	\$
304 Refrigerator		\$	\$	312 Generator		\$	\$
305 Freezer		\$	\$	313 Water Heater		\$	\$
306 Dishwasher		\$	\$	314 Air Conditioner		\$	\$
307 Garbage Disposal		\$	\$	315 Sewing Machine		\$	\$
308 Vacuum Cleaner		\$	\$	316 Other Major Appliances		\$	\$

Computers and Related Electronic Devices

If None, Check this Box →

Item	1. New 2. Used	Total Spent	Monthly Payment	Item	1. New 2. Used	Total Spent	Monthly Payment
321 Desktop Computer		\$	\$	332 Memory Stick / Flash Drive		\$	\$
322 Laptop / Notebook Computer		\$	\$	333 External Memory / Hard Disk Drive (HDD)		\$	\$
323 Tablet Computer (iPad)		\$	\$	334 Software & Accessories		\$	\$
324 Electronic Readers (Kindle, Nook)		\$	\$	335 Wireless Router / Printer		\$	\$
325 Combine Printer/Fax/Copier/Scanner		\$	\$	336 Remove		\$	\$
326 Copier (Only)		\$	\$	337 Other Computer Equipment		\$	\$
327 Fax (Only)		\$	\$	338 Radar Detector		\$	\$
328 Printers / Photo Printer (Only)		\$	\$	340 Digital Camera		\$	\$
329 Scanner (Only)		\$	\$	341 Analog / Film Camera (Non-Digital)		\$	\$
330 CD / DVD Burner		\$	\$	342 Photo Accessories		\$	\$
331 CD / DVD Reader		\$	\$	343 Digital Photo Frame		\$	\$

2016 CNMI Household Income and Expenditures Survey

Section 3. Consumer Durables, Furniture, Electronic Items and Recreation Items (12-month recall period)
- Continued -

Electronic Goods				<i>If None, Check this Box →</i>					
Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
351	Non-Flat Screen Television		\$	\$	373	Cellular Telephone (Non-Smart) Unit		\$	\$
352	Flat Screen T.V.		\$	\$	374	Smart Phone Unit		\$	\$
353	UHD / Curved Screen / 4K T.V.		\$	\$	375	Landline Telephone Unit		\$	\$
354	Satellite Dishes		\$	\$	376	Answering Machine		\$	\$
355	Streaming Media Player / Device (E.G. Apple T.V., Amazon Fire Stick, Chromecast, Etc.)		\$	\$	377	Car Audio Equipment / Installation		\$	\$
356	DVD / VCR Recorder /Player		\$	\$	378	Car Video Equipment / Installation		\$	\$
359	DVD Player		\$	\$	379	GPS (Magellan, Garmin)		\$	\$
360	Cd Player		\$	\$	380	Remote Car Starter		\$	\$
361	Mp3 Player / iPod		\$	\$	381	Car "Backup" Screens		\$	\$
362	Blue Tooth / Wireless Speakers		\$	\$	382	Lo-Jack (Finding Stolen Car)		\$	\$
363	Home Stereo / Entertainment System		\$	\$	383	Radio (All Types)		\$	\$
364	Speakers / Surround-Sound Speakers		\$	\$	384	Karaoke Machine / Microphone		\$	\$
365	Video Game Console (X-Box, PS4, Etc.)		\$	\$	385	Magic Mic (Karaoke)		\$	\$
366	Camcorder / Video Recorder		\$	\$	386	Powerful Headphones		\$	\$
367	Combine Internet / Phone / T.V.		\$	\$	387	Calculator		\$	\$
368	Satellite Telephone		\$	\$	388	Other Office Machine		\$	\$
369	Buying Satellite Internet		\$	\$	389	Power Banks		\$	\$
370	Buying Other Internet		\$	\$	390	Personal Digital Assistant (PDA)		\$	\$
371	Portable Video Games		\$	\$	391	Other Electronic Equipment		\$	\$
372	Other Audio / Video Equipment		\$	\$					

2016 CNMI Household Income and Expenditures Survey

Section 3. Consumer Durables – Furniture (12-Month Recall Period)

These questions are about household items you purchased in the last 12 months. Please include anything bought with a credit card or cash. If any item was charged over time, provide the monthly repayment. Include any item purchased by your household and given to someone else or to another household.

Household Furnishings and Operations If None, Check this Box →

	Item	1. New 2. Used	Total Spent	Monthly Payment		Item	1. New 2. Used	Total Spent	Monthly Payment
171	Bedroom Furniture		\$	\$	174	Kitchen Furniture		\$	\$
172	Living Room Furniture		\$	\$	175	Other Furniture		\$	\$
173	Dining Room Furniture		\$	\$					

Floor Coverings If None, Check this Box →

	Item	1. New 2. Used	Total Spent	Monthly Payment		Item	1. New 2. Used	Total Spent	Monthly Payment
181	Rugs, Carpets, Etc.		\$	\$	183	Woven Mats And Other Floor		\$	\$
182	Linoleum (Hard Surface)		\$	\$					

Section 3. Consumer Durables – Sports, Recreation, and Exercise Equipment (12-Month Recall Period)

These questions are about sports, recreation, and exercise equipment that you purchased in the last 12 months. Please include anything bought with a credit card or cash. If any item was charged over time, provide the monthly repayment. Include any item purchased by your household and given to someone else or to another household.

Sports, Recreation, and Exercise Equipment If None, Check this Box →

	Item	1. New 2. Used	Total Spent	Monthly Payment		Item	1. New 2. Used	Total Spent	Monthly Payment
190	Health And Exercise Equipment		\$	\$	195	Bicycles/Tricycles		\$	\$
191	Camping Equipment		\$	\$	196	Golf And Golfing Equipment		\$	\$
192	Hunting/Fishing Equipment		\$	\$	197	Tennis Rackets & Equipment		\$	\$
193	Water Sports Equipment		\$	\$	198	Other Sporting Goods/Equipment		\$	\$
194	Automobile Custom Accessories (E.G., Custom Wheels)		\$	\$	199	Acoustic/Electric Musical Equipment		\$	\$

Section 4. Consumer Durables - Small Household Appliances, Tools & Household Goods & Services (3-Month Recall Period)

Small Household Appliances If None, Check this Box →

	Item	1. New 2. Used	Total Spent	Monthly Payment		Item	1. New 2. Used	Total Spent	Monthly Payment
401	Small Electric Kitchen Appliances (Toaster, Blender Etc.)		\$	\$	406	Water Dispenser		\$	\$
402	Electric Razor		\$	\$	407	Electric Floor Cleaning Equipment		\$	\$
403	Safety Razor (Non-Electric)		\$	\$	408	Rice Cooker		\$	\$
404	Hair Dryer		\$	\$	409	Other Small Appliances		\$	\$
405	Electric Tooth Brush		\$	\$					

2016 CNMI Household Income and Expenditures Survey

Section 4, Consumer Durables - Small Household Appliances, Tools & Household Goods & Services (3-Month Recall Period)
- Continued -

Tools, Hardware and Supplies If None, Check this Box →									
Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
411	Lawn Mower		\$	\$	417	Kitchen Utensils		\$	\$
412	Weed Wacker/Bush Cutter		\$	\$	418	Firearms		\$	\$
413	Chain Saw		\$	\$	419	Outdoor Equipment / Supplies		\$	\$
415	Other Hand Tools (Electric / Battery Power)		\$	\$	420	Other Hardware / Supplies		\$	\$
416	Other Hand Tools (Non-Electric / Battery Power)		\$	\$					
Housekeeping Supplies If None, Check this Box →									
Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
421	Household Cleaning Products		\$	\$	423	Other Housekeeping Supplies		\$	\$
422	Household Paper Products		\$	\$	424	Misc. Housekeeping Supplies		\$	\$
Household Services If None, Check this Box →									
Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
425	Housekeeping Services		\$	\$	428	Moving, Storage, Freight Services		\$	\$
426	Cooking Services		\$	\$	429	Repair Of Household Items		\$	\$
427	Driving Services		\$	\$	430	Other Household Services		\$	\$
Household Equipment Repairs, Service Contracts, etc. If None, Check this Box →									
Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
431	Kitchen Appliances Repair		\$	\$	438	Termites / Pest Control Services		\$	\$
432	Electronic Items Repair		\$	\$	439	Service Contracts For Appliances		\$	\$
433	Computer Or Related Items Repair		\$	\$	440	Service Contracts For Electronic Goods		\$	\$
434	Lawn Equipment Repair		\$	\$	441	Service Contracts For Computers		\$	\$
435	Hand Or Power Tools Repair		\$	\$	442	Furniture Repair		\$	\$
436	Photographic Items Repair		\$	\$	443	Other Household Goods Repairs		\$	\$
437	Sport / Recreational Equipment Repair		\$	\$					

2016 CNMI Household Income and Expenditures Survey

Section 5. Consumer Non-Durables - Apparel (3-Month Recall Period)

These questions are about apparel items you purchased in the last 3 months. Please include anything bought with a credit card or cash. If any item was charged over time, provide the monthly repayment. Include any item purchased by your household and given to someone else or to another household.

Men's and Boys' Apparel

If None, Check this Box →

Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
501	Men's Suits		\$	\$	505	Men's Accessories (Belts, Suspenders, Underwear, Etc.)		\$	\$
502	Men's Dress Shirts		\$	\$	506	Other Men's Apparel		\$	\$
503	Men's Casual Shirts / Tee-shirts		\$	\$	507	Boy's Pants / Shorts, Including Uniforms		\$	\$
504	Men's Pants/Shorts		\$	\$	508	Other Boys' Apparel		\$	\$

Women's and Girls' apparel

If None, Check this Box →

Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
511	Women's Outerwear		\$	\$	515	Women's Accessories (Belts, Scarves, Etc.)		\$	\$
512	Women's Dresses		\$	\$	516	Other Women's Apparel		\$	\$
513	Women's Suits And Separates		\$	\$	517	Girl's Dresses And Other Apparel, Including Uniforms		\$	\$
514	Women's Underwear, Nightwear,		\$	\$	518	Other Girl's Accessories		\$	\$

Footwear

If None, Check this Box →

Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
521	Men's Footwear		\$	\$	524	Women's Footwear		\$	\$
522	Boy's Footwear		\$	\$	525	Infant's / Toddler's Footwear		\$	\$
523	Girl's Footwear		\$	\$					

Infants Clothing, Watches, Jewelry and Hairpieces

If None, Check this Box →

Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
531	Infant's Coats / Jackets		\$	\$	533	Other Infant's Clothing		\$	\$
532	Infant's Dresses		\$	\$	534	Infant's Diapers		\$	\$

Watches, Jewelry, Hairpieces, Clothing rental and storage

If None, Check this Box →

Item		1. New 2. Used	Total Spent	Monthly Payment	Item		1. New 2. Used	Total Spent	Monthly Payment
541	Watches		\$	\$	547	Clothing Repair / Altering / Tailoring		\$	\$
542	Jewelry		\$	\$	548	Shoe Repair		\$	\$
543	Hairpieces Or Wigs		\$	\$	549	Watch / Jewelry Repair		\$	\$
544	Sewing Materials To Make Clothes		\$	\$	550	Clothing Rental		\$	\$
545	Other Sewing Materials		\$	\$	551	Clothing Storage		\$	\$
546	Clothing Services		\$	\$	552	Other Items		\$	\$

2016 CNMI Household Income and Expenditures Survey

Section 5. Consumer Non-Durables - Apparel (3-Month Recall Period) - Continued -

Medicines and Medical Supplies								<i>If None, Check this Box →</i>
Item	1. New 2. Used	Total Spent	Monthly Payment		Item	1. New 2. Used	Total Spent	Monthly Payment
561	Prescription Drugs	\$	\$	565	Non-Prescription Eyeglasses		\$	\$
562	Non-Prescription Drugs	\$	\$	566	Other Medical Supplies		\$	\$
563	Bandages/Band-Aids, Etc.	\$	\$	568	Contact Lenses		\$	\$
564	Prescription Eyeglasses/Contact Lens	\$	\$	569	Sunglasses		\$	\$

Other Items								<i>If None, Check this Box →</i>
Item	1. New 2. Used	Total Spent	Monthly Payment		Item	1. New 2. Used	Total Spent	Monthly Payment
Item:		\$	\$	Item:			\$	\$
Item:		\$	\$	Item:			\$	\$
Item:		\$	\$	Item:			\$	\$
Item:		\$	\$	Item:			\$	\$

Section 6. Transportation

The questions below concern the number and type of vehicles that are rented, leased or owned by each household member and the expenditures for each. In the first column, please enter the type of vehicle, make and model. Include any vehicle in your household and that you pay fully for in another household. In this Section, vehicles include: cars, vans, trucks, motorbikes, boats or any other motor vehicles. In column 2, indicate vehicle category (rented, leased or purchased) by entering the number by a household member. Enter the appropriate expenditures for each vehicle in Columns 3, 4 and 5:

Section 6A. Transportation – Vehicle Registration/Insurance/Safety (12-Month Recall Period)

The following questions are about registration, insurance, and safety inspection fees on ALL vehicles including cars, trucks, motorbikes, boats (including separate outboard motor), or any other motor vehicle.

Type of Vehicle, Make and Model At least one vehicle: 1. YES 2. NO <input type="checkbox"/>	1. Rented 2. Leased 3. Purchased	Registration	Insurance Premium	Safety Inspection
1.		\$	\$	\$
2.		\$	\$	\$
3.		\$	\$	\$
4.		\$	\$	\$

Section 6B. Transportation – Vehicle Maintenance and Repairs (3-Month Recall Period)

The questions below concern vehicle maintenance costs and refer to the vehicles entered above (including maintenance of outboard motors). Enter information for each vehicle. Enter the type of vehicle, make and model. In columns 2, 3, and 4, enter the average monthly costs for each of the categories over the past 3 months.

Type of Vehicle, Make and Model At least one vehicle: 1. YES 2. NO <input type="checkbox"/>	Repair Cost (Specify Type of repair)	Average Monthly Cost of Gas	Average Monthly Cost of Oil / Other Liquids
1.	\$	\$	\$
2.	\$	\$	\$
3.	\$	\$	\$
4.	\$	\$	\$

2016 CNMI Household Income and Expenditures Survey

Section 6. Transportation - Continued -

Section 6C. Transportation – Vehicle Purchasing/Renting/Leasing (12-Month Recall Period)

The questions below concern the expenditures that household members spent on renting, leasing or purchasing vehicles (including outboard motors). Entries should be made for each vehicle. DO not include vehicles or boats rented or leased by a business or employer. Enter the type of vehicle, make and model. In column 2, enter the appropriate category. In column 3, indicate whether the vehicle is new or used. Complete the total cost in column 4, the down payment if it occurred in the previous 12 months in column 5, and the monthly payment in column 6.

Type of Vehicle, Make and Model <small>At least one vehicle: 1. YES 2. NO</small>	1. Rented 2. Leased 3. Purchased	1. New 2. Used	Total Cost	Down Payment in the Past 12 Months	Monthly Payment
1.			\$	\$	\$
2.			\$	\$	\$
3.			\$	\$	\$
4.			\$	\$	\$

Section 6D. Transportation – Vehicle Sales (12-Month Recall Period)

The questions below concern the sale by any household member of any vehicle (including an outboard motor) owned by a household member. Enter information for each vehicle. Enter the type of vehicle, make and model. Enter appropriate expenditures for each vehicle in Columns 2, 3, and 4.

Type of Vehicle, Make and Model <small>At least one vehicle: 1. YES 2. NO</small>	Total Cost	Down Payment in the Past 12 Months	Monthly Payment
1.	\$	\$	\$
2.	\$	\$	\$
3.	\$	\$	\$
4.	\$	\$	\$

Section 6E. Transportation – Off-Island Travel (12-Month Recall Period)

Off-Island Travel: In the last 12 months, has any household member had any expenses related to any off-island trips, excluding business trips? 1. Yes 2. No
 If yes, enter the destination, round-trip fare, accommodation and other expenditures. Record the Island in the COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS (CNMI) if travel was within the CNMI, a US State, or foreign country if outside CNMI. If Yes,
How Many?

Destination	HH / Non-HH*		Fares		Accommodations		Other Expenses (Specify)	
	HH	Non-HH	1. Air	2. Other	1. Hotel /Motel	2. Other	1	2
1.			\$	\$			\$	\$
2.			\$	\$			\$	\$
3.			\$	\$			\$	\$
4.			\$	\$			\$	\$
5.			\$	\$			\$	\$

2016 CNMI Household Income and Expenditures Survey

Section 7. Medical Care (3-Month Recall Period)

Section 7A. Health Insurance

Are any of the household members currently paying for regular or supplemental health insurance?					1. Yes	2. No
Health Insurance Company/Plan Name	Number of Persons in this Household Covered?	Last payment amount	Period covered: 1. Weekly 2. Bi-weekly	3. Monthly 4. Other	How much is charged to a business/refunded?	
1.		\$			\$	
2.		\$			\$	
3.		\$			\$	
4.		\$			\$	

Section 7B. Doctors' Fees

In the last 3 months, have you made any payments to a General Practitioner or a family doctor? If yes, please enter type of service, gross payment or co-payment, any refund and net payment below. Include medical services such as PET Scans, MRIs, CT Scans, etc.						1. Yes	2. No
Name of doctor/provider	Type of treatment	Doctor's total charge	Patient payment/ co-payment	Part paid by insurance or party	On or Off island (Circle one)		
1.		\$	\$	\$	On	Off	
2.		\$	\$	\$	On	Off	
3.		\$	\$	\$	On	Off	
4.		\$	\$	\$	On	Off	

Section 7C. Other Health Specialists Fees

In the last 3 months, have you made any payments to a Health Specialist? If yes, please enter type of service, gross payment or co-payment, any refund and net payment.						1. Yes	2. No
Name of health specialist	Type of specialist or treatment	Total charge	Patient payment/ co-payment	Part paid by insurance or party	On or Off island (Circle one)		
1.		\$	\$	\$	On	Off	
2.		\$	\$	\$	On	Off	
3.		\$	\$	\$	On	Off	
4.		\$	\$	\$	On	Off	

Section 7D. Hospital, Dispensary or Nursing Home

In the last 3 months, have you made any payments to a Hospital, Dispensary or a Nursing Home, including adult/elderly home care? If yes, please enter the name, type of service, total charge, patient reimbursement, refund or co-payment, the total paid and whether it was on islands or off-island.						1. Yes	2. No
Name of hospital, dispensary or nursing home	Type of service	Total charge	Patient payment/ co-payment	Part paid by insurance or party	On or Off island (Circle one)		
1.		\$	\$	\$	On	Off	
2.		\$	\$	\$	On	Off	
3.		\$	\$	\$	On	Off	
4.		\$	\$	\$	On	Off	

Section 7E. Medical or Other Health Practitioner

In the last 3 months, have you made any payments to any other medical or health Practitioner? This includes opticians, optometrists, repair of glasses, contact lenses, and dentists or dental specialists? If yes, please enter type of service, gross payment or co-payment, any refund and net payment.						1. Yes	2. No
Name of health specialist	Type of specialist or treatment	Total charge	Patient payment/ co-payment	Part paid by insurance or party	On or Off island (Circle one)		
1.		\$	\$	\$	On	Off	
2.		\$	\$	\$	On	Off	
3.		\$	\$	\$	On	Off	
4.		\$	\$	\$	On	Off	

2016 CNMI Household Income and Expenditures Survey

Section 8. Loans (12-Month Recall Period)

Section 8A. Loans – [DO NOT include Car loans]

The questions below concern any loans that any members of the household have and have not paid back.
 Are you currently making regular payments for anything on rent-to-own purchase, personal or some other type of loans? 1. Yes 2. No

Interviewer: Exclude credit cards and other revolving credit, or other loans used for this dwelling or other property.

Use the following codes for lenders:

- | | | | |
|----------------------|--------------------|--------------------|-------------------------------------|
| 1. Bank | 3. Finance Company | 5. Other (Specify) | If Yes, how many loans do you have? |
| 2. Insurance Company | 4. Credit Union | | |

Lender: Enter code from above	Main purpose: (Specify)	Type: 1. Rent to own 2. Personal loan, 3. Other (Record number)	Month / Year Repayments Started	Amount Borrowed	Each repayment & period covered		How much charged to business or refunded?
					Amount	Period	
1.				\$	\$		\$
2.				\$	\$		\$
3.				\$	\$		\$
4.				\$	\$		\$

Section 8B. Credit cards or Charge accounts

The questions below concern any Credit Cards or Charge Accounts that any members of the household have and have not paid back.
 Do you currently have any Credit Cards or Charge Accounts such as VISA? 1. Yes 2. No

Include charge accounts at individual stores (the store charges interest when the full amount is not paid each month.

If Yes, How Many?

(a) Number of purchases on last bill. Enter NONE if none.	(b) Did you have a service or credit charge for previous purchases on your last bill? (Circle yes or no)	(c) Did you have a service or credit for cash advances on your last bill? (Circle yes or no)	(d) Combined services or credit charge for cash advances and purchases if (b) and (c) are not separated on bill	(e) Period covered (Circle 1 or 2)
1.	1. Yes \$\$ → 2. No	1. Yes \$\$ → 2. No	\$	1. One Month 2. Other
2.	1. Yes \$\$ → 2. No	1. Yes \$\$ → 2. No	\$	1. One Month 2. Other
3.	1. Yes \$\$ → 2. No	1. Yes \$\$ → 2. No	\$	1. One Month 2. Other
4.	1. Yes \$\$ → 2. No	1. Yes \$\$ → 2. No	\$	1. One Month 2. Other

Section 9. Education. (12-Month Recall Period)

In the past 12 months, have you paid any education fees? 1. Yes 2. No

Education fees: DO NOT include payments made by outside agencies such as Pell grant, loans, etc. – report only your out-of-pocket expenses

If Yes, How Much? \$

Type of payment 1. In CNMI 2. Not in CNMI	College or University	Secondary School	Primary School	Nursery or Preschool AND Day care	Other School	If any, amount paid by someone outside his household
Tuition / Books	\$	\$	\$	\$	\$	\$
Housing / Room	\$	\$	\$	\$	\$	\$
Food / Board	\$	\$	\$	\$	\$	\$

2016 CNMI Household Income and Expenditures Survey

Section 10. Miscellaneous Expenses (12-Month Recall Period)

In this section enter the amount spent by all household members for each of these categories in the past 12 months *If None, Check this Box →*

REMITTANCES

950 How much did all members of your family give as cash or gifts to other individuals or families (1) In CNMI or (2) Outside CNMI?

Place and Code (Office Use):	CASH	Gift (e.g., freezer, car, medical expenses)	Code (Office Use)	Total value of gifts
	\$			\$
	\$			\$
	\$			\$
	\$			\$

WATER PURCHASES: *If None, Check this Box →*

953	How much did you spend on water containers of 3 gallons or more?	\$	954	How much did you spend on water trucked to your residence?	\$
-----	--	----	-----	--	----

LICENSES *If None, Check this Box →*

955	How much did all members of your family spend on all licenses last year (including driver's licenses, boat driver's licenses, hunting, and fishing)?	\$
-----	--	----

HEALTH / BEAUTY SERVICES *If None, Check this Box →*

961	Health Spa Establishments (Excluding Body And Facial Massage)	\$	965	Haircuts	\$
962	Body And Facial Massage	\$	966	Hair Dying And Coloring	\$
963	Salons (Including Permanents And Other Hair Styling)	\$	967	Hair Weaving, Extensions, And Others	\$
964	Manicures And Pedicures	\$	968	Nutrition Centers	\$

MAJOR LOCAL EXPENSES (Including Purchased Food, Grown Food, and Other Donations) *If None, Check this Box →*

971	Weddings	\$	975	Other Family Events	\$
972	Christenings	\$	976	Church Activities	\$
973	Funerals	\$	977	School Fund-Raising, Charitable Organizations, And Other Donations	\$
974	Other Traditional Feasts And Events	\$	978	Other Major Local Expenses	\$

OTHER EXPENSES *If None, Check this Box →*

981	Legal And Accounting Fees	\$	990	Mutual Funds, Stocks, And Bonds	\$
982	Computer And Other Games	\$	991	Alimony	\$
983	Life Insurance Premiums	\$	992	Veterinary Services	\$
984	Dry Cleaning Services	\$	993	Child Day Care	\$
985	Fitness Centers	\$	994	After School Programs	\$
986	Annual Fees For Social Or Sports Clubs And Credit Cards	\$	995	Home Security Alarm Systems	\$
987	Child Support	\$	997	Other	\$
988	Shuttle Bus Service (Mass Transit)	\$	998	Other	\$

2016 CNMI Household Income and Expenditures Survey																
Individual Survey – Page 1 of 2																
<p>1a. Name (from Roster List - page 1)</p>	<p>13a. How much school have you COMPLETED?</p> <p><i>Read categories (if person is unsure, Circle the number for the highest level COMPLETED or degree RECEIVED. If currently enrolled, mark the level of previous grade attended or highest degree received.</i></p> <table style="width:100%; border: none;"> <tr> <td>31. No school completed</td> <td>03. 3rd</td> <td>08. 8th</td> </tr> <tr> <td>32. Nursery school</td> <td>04. 4th</td> <td>09. 9th</td> </tr> <tr> <td>33. Kindergarten</td> <td>05. 5th</td> <td>10. 10th</td> </tr> <tr> <td>01. 1st</td> <td>06. 6th</td> <td>11. 11th</td> </tr> <tr> <td>02. 2nd</td> <td>07. 7th</td> <td>12. 12th, no diploma</td> </tr> </table> <p>13. HIGH SCHOOL GRADUATE DIPLOMA or equivalent (GED)</p> <p>14. Some college but no degree</p> <p>15. Associate degree in college Occupational program</p> <p>16. Associate degree in college Academic program</p> <p>17. Bachelor's degree (For example: BA, AB, BS)</p> <p>18. Master's degree (For example: MA, MS, MEd, MSW, MBA)</p> <p>19. Professional school degree (For example: MD, DDS, LLB, JD)</p> <p>20. Doctorate degree (For example: PhD, EdD)</p>	31. No school completed	03. 3rd	08. 8th	32. Nursery school	04. 4th	09. 9th	33. Kindergarten	05. 5th	10. 10th	01. 1st	06. 6th	11. 11th	02. 2nd	07. 7th	12. 12th, no diploma
31. No school completed	03. 3rd	08. 8th														
32. Nursery school	04. 4th	09. 9th														
33. Kindergarten	05. 5th	10. 10th														
01. 1st	06. 6th	11. 11th														
02. 2nd	07. 7th	12. 12th, no diploma														
<p>1b. Person Number (from Roster List - page 1) 01</p> <p>2. Gender? 1. Male <input type="checkbox"/> 2. Female <input type="checkbox"/></p>	<p>13b. If high school graduate (13) or above (14 – 20) – ASK: What was your major in academic college or vocational school?</p>															
<p>3. How are you related to (Person 1)?</p> <table style="width:100%; border: none;"> <tr> <td>01. Householder</td> <td>05. Brother/sister</td> </tr> <tr> <td>02. Spouse</td> <td>06. Father/mother</td> </tr> <tr> <td>03. Natural or adopted son/daughter</td> <td>07. Grandchild</td> </tr> <tr> <td>04. Stepson/stepdaughter</td> <td>08. Other relative:</td> </tr> </table> <p><i>If not related to Person 1:</i></p> <table style="width:100%; border: none;"> <tr> <td>09. Roomer, boarder, or foster child</td> <td>11. Unmarried partner</td> </tr> <tr> <td>10. Domestic worker/helper</td> <td>12. Other nonrelative</td> </tr> </table>	01. Householder	05. Brother/sister	02. Spouse	06. Father/mother	03. Natural or adopted son/daughter	07. Grandchild	04. Stepson/stepdaughter	08. Other relative:	09. Roomer, boarder, or foster child	11. Unmarried partner	10. Domestic worker/helper	12. Other nonrelative	<p>13c. Where was this training received?</p> <p>1. NMC 2. NMTI 3. Other (Specify)</p>			
01. Householder	05. Brother/sister															
02. Spouse	06. Father/mother															
03. Natural or adopted son/daughter	07. Grandchild															
04. Stepson/stepdaughter	08. Other relative:															
09. Roomer, boarder, or foster child	11. Unmarried partner															
10. Domestic worker/helper	12. Other nonrelative															
<p>4. What is your race or ethnicity?</p>	<p>14a. Did you live in this house or apartment 5 years ago (on January 1, 2011)?</p> <p>1. Born after January 1, 2011 3. No</p> <p>2. Yes</p> <p style="text-align: center;">IF 14a is 1, STOP and Go to NEXT PERSON IF 14a is 2, SKIP TO 15</p>															
<p>5. What is your date of birth?</p> <p>Month <input type="text"/> <input type="text"/> Day <input type="text"/> <input type="text"/> Year <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p>	<p>14b. Where did you live 5 years ago? <i>Print the name of the village in CNMI, or the name of the U.S. State or territory, island, or foreign country in the space below.</i></p>															
<p>6. What is your marital status?</p> <p>1. Now married 3. Widowed 5. Never married</p> <p>2. Separated 4. Divorced</p>	<p>15a. Can you read and write in any language?</p> <p>1. Yes 2. No</p>															
<p>7. Where were you born? <i>Print the name of the village in CNMI, U.S. State or territory, or foreign country in the space below.</i></p>	<p>15b. Do you speak only English at home?</p> <p>1. Yes – Skip to 17 2. No</p>															
<p>8. Are you a CITIZEN of the United States?</p> <p>1. Yes, born in CNMI – Skip to 11</p> <p>2. Yes, born in the U.S. Guam, or other U.S. territory</p> <p>3. Yes, born abroad of US parent(s)</p> <p>4. Yes, U.S. citizen by naturalization</p> <p>5. No, not citizen (Green card/Legal/FAS)</p> <p>6. No, not citizen (Other)</p>	<p>15c. What other language do you speak?</p>															
<p>9. In what month and year did you come to CNMI to stay? <i>If entered CNMI more than once, ASK – What is the latest month and year?</i></p> <p>Month <input type="text"/> <input type="text"/> Year <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p>	<p>16a. Do you speak this language at home more frequently than English?</p> <p>1. Yes, more frequently than English</p> <p>2. Both equally often</p> <p>3. No, less frequently than English</p> <p>4. Doesn't speak English</p>															
<p>10. Why did you come to CNMI the first time?</p> <table style="width:100%; border: none;"> <tr> <td>1. Employment</td> <td>4. Family member of employed person</td> <td>7. Medical reasons</td> </tr> <tr> <td>2. Spouse of employed person</td> <td>5. Student – attending school/college</td> <td>8. Visiting/vacation</td> </tr> <tr> <td>3. Dependent of employed person</td> <td>6. Missionary</td> <td>9. Other, Specify:</td> </tr> </table>	1. Employment	4. Family member of employed person	7. Medical reasons	2. Spouse of employed person	5. Student – attending school/college	8. Visiting/vacation	3. Dependent of employed person	6. Missionary	9. Other, Specify:	<p>16b. During the past 30 days, on how many days did you smoke cigarettes, cigars, or pipe tobacco?</p>						
1. Employment	4. Family member of employed person	7. Medical reasons														
2. Spouse of employed person	5. Student – attending school/college	8. Visiting/vacation														
3. Dependent of employed person	6. Missionary	9. Other, Specify:														
<p>11a. Where was your mother born? <i>Print the name of the village in CNMI or the name of the U.S. State or territory, island, or foreign country in the space below.</i></p>	<p>17a. During the past 30 days, on how many days did you chew tobacco, snuff, or betel nut (with or without tobacco)?</p>															
<p>11b. Where was your father born? <i>Print the name of the village in CNMI, or the name of the U.S. State or territory, island, or foreign country in the space below.</i></p>	<p>17b. During the past 30 days, on how many days did you smoke cigarettes, cigars, or pipe tobacco?</p>															
<p>12. At any time since [February 1, 2016], did you attend regular school or college? Include only nursery school, kindergarten, elementary school, and schooling which lead to a high school diploma or a college degree. <i>If "Yes," ask – Public or private?</i></p> <p>1. No, has not attended since [February 1, 2016]</p> <p>2. Yes, public school / public college</p> <p>3. Yes, private school / private college</p>	<p>17c. During the past 30 days, on how many days did you smoke cigarettes, cigars, or pipe tobacco?</p>															

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

Individual Survey – Page 2 of 2		
– ASK ONLY if Respondent is Female and 15 Years or over – – For Male Respondents, SKIP TO 19 –		
18a. How many babies have you ever had, not counting still births? <i>Do not count stepchildren or children you have adopted.</i>	28. Were you an employee of: 1. Private Company or Business or of an individual for wages, salary, commissions 2. CNMI Government 3. Municipal Government 4. U.S. / Other Government 5. Self Employed 6. Working without Pay	
18b. If at least ONE, ASK – How many are still alive?	29a. Last year (2015), did you work, even for a few days, at a paid job or in a business or farm? 1. Yes 2. No – SKIP TO 30	
18c. If at least ONE, ASK – What is the date of birth of the last child? Month <input type="text"/> <input type="text"/> Day <input type="text"/> <input type="text"/> Year <input type="text"/> <input type="text"/>	29b. How many weeks did you work in 2015? <i>Count paid vacation, paid sick leave, and military service?</i>	
– ASK ONLY if Respondent is 15 Years or over –		
19. Have you ever been on active-duty military service in the Armed Forces of the United States or ever been in the United States military Reserves? "Active duty" does NOT include training for the military Reserves or National Guard. 1. Yes, now on active duty 2. Yes, on active duty in past, but not now 3. Yes, service in Reserves only 4. No	29c. During the weeks WORKED in 2015, How many hours did you usually work each week? Hours <input type="text"/> <input type="text"/>	
20. Did you work at any time LAST WEEK, either full time or part time? Work includes part-time work such as delivering papers, or helping without pay in a family business or farm; it also includes active duty in the Armed Forces. <i>Work does NOT include own housework, school work, or volunteer work. Subsistence activity includes fishing, growing crops, etc., NOT primarily for commercial purposes.</i>	The following questions are about income received during 2015. <i>If an exact amount is not known, accept a best estimate.</i>	
1. Yes, worked full time or part time at a job or business AND did NO subsistence activity 2. Yes, worked full time or part time at a job or business AND did subsistence activity 3. Yes, did subsistence activity only – SKIP TO 23 4. No – SKIP TO 23	30a. How much did you earn in income from wages, salary, commissions, bonuses, or tips? Report amount before deductions for taxes, bonds, dues, etc.	<input type="text"/> \$
21. If you did paid work – How many hours did you work LAST WEEK at all jobs? Subtract any time off and add any overtime or extra hours worked:	30b. How much did you earn from your own nonfarm business, proprietorship, or partnership? Report net income after business or operating expenses.	<input type="text"/> \$
22. In what village did you work most LAST WEEK?	30c. How much did you earn from selling crops or garden products, fish, animals, or handicrafts?	<input type="text"/> \$
If you did PAID work, skip to 26		
23. Were you on layoff from a job or business LAST WEEK? If "No," Were you temporarily absent or on vacation from a job or business last week? 1. Yes, on layoff 2. Yes, on vacation, illness 3. No, labor dispute, etc.	30d. Interest, dividends, net rental income, royalty income, or income from estates and trust. <i>Report even small amounts credited to an account.</i>	<input type="text"/> \$
24a. Have you been looking for work during the last 4 weeks? 1. Yes 2. No	30e. Supplement Security Income	<input type="text"/> \$
24b. Could you have taken a job LAST WEEK if one had been offered? If "No", ASK – for what reason? 1. No, already has a job 2. No, temporarily ill 3. No, other reasons (in school, etc.) 4. Yes, could have taken a job	30f. Any public assistance or welfare payments from the state or local welfare office?	<input type="text"/> \$
25. In what year did you last work, even for a few days? If Never worked, write 9999.	30g. Any other sources of income received regularly such as Veterans' (VA) payments?	<input type="text"/> \$
If Never worked, or last worked in 2010 or earlier, skip to 30		
The following questions ask about the job worked last week. If you had more than one job, describe the one you worked the most hours. If you didn't work, the questions refer to the most recent job or business in 2011 or after.		
26. For whom did you work? If now on active duty, write "Armed Forces"; otherwise, print the name of the company, business or other employer.	30h. How much did you receive in Social Security payments or from retirement, survivor, or disability pension(s)? <i>For Social Security, include income payments to retired workers, dependents, and disabled workers. For retirement, include payments from companies, unions, Federal or local AS government, and U.S. military.</i>	<input type="text"/> \$
27. What kind of work were you doing?	30i. How much did you receive in remittances from persons living in CNMI?	<input type="text"/> \$
	30j. How much did you receive in remittances from Guam, Hawaii or the U.S. mainland?	<input type="text"/> \$
	30k. How much did you receive in remittances from all other places?	<input type="text"/> \$
	30l. How much did you receive from unemployment compensation, child support or alimony, or any other REGULAR source of income? <i>Do NOT include lump-sum payments such as money from an inheritance or the sale property.</i>	<input type="text"/> \$
	31. What was your TOTAL income in 2015? \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
(Record Dollars only, Do NOT record cents)		

APPENDIX D – HOUSEHOLD DIARY

CNMI2016-9

**DAILY EXPENDITURES
DIARY**



**2016 COMMONWEALTH
OF THE
NORTHERN MARIANA ISLANDS
Household Income and Expenditures Survey**

**Department of Commerce
Central Statistics Division
CNMI Government**

HOUSING UNIT GEOGRAPHY

VILLAGE	AA	BLOCK	MAPSPOT
Date Dropped Off: ____ \ ____ \ ____		Date Picked Up: ____ \ ____ \ ____	

If found please call Department of Commerce, Central Statistics Division
Telephone: 664-3023/3045; Fax: 664-3067

*2016 CNMI Household Income and Expenditures Survey – Daily Expenditure Diary***INSTRUCTIONS FOR COMPLETING FORMS****Introduction**

The aims of the Diary Expenditures part of Commonwealth of the Northern Mariana Islands 2016 Household Income and Expenditures Survey are:

- a) to revise and adjust weights for the Consumer Price Index, based on the pattern of expenditures by household;
- b) to provide data on the distribution of income and expenditures throughout the Commonwealth of the Northern Mariana Islands
- c) to provide data for Gross Domestic Product, particularly regarding income from home production activities and the consumption of goods and services derived from home production activities; and,
- d) to provide nutritional information and food consumption patterns for Commonwealth of the Northern Mariana Islands

All information collected from the household is confidential. Only trained interviewers, sworn survey interviewers, and staff members from the Central Statistics Division office will have access to the data gathered. These personnel are sworn to guarantee the confidentiality of all information collected during the survey as mandated by the confidentiality provisions of the Commonwealth's Statistical Act of 1990 – P.L.: 7-35.

Completing the Daily Expenditures Diary**Definitions**

Before beginning the diary, you should read and understand the following instructions and definitions:

- A purchase* constitutes anything (food item, clothing article, gasoline, soap, etc.) that you or any member of the household buys for the use of the household as a whole or for the exclusive use of any member of the household. It also includes purchases paid for anyone outside of the household.
- Buying on credit* means purchasing without cash—the cash payment ultimately made on a later date. Record such purchases the day the transaction takes place, not for the future date the cash payment is promised to be made.
- Time payments* are installment payments by you or anyone in the household for a purchase either made entirely on credit or with a partial cash payment at the time of purchase. On the day an installment payment is made, record the cash amount paid under the CASH column and the remaining amount yet to be paid under the CREDIT column; record the transaction (description of item bought) under the ITEM DESCRIPTION column. For example, imagine that the household purchases a Flat Screen TV for \$250 with a \$50 down payment and four monthly installment payments of \$50 each. Your record of the transaction will be as follows: under the ITEM DESCRIPTION column, write "Time payment - installment on Flat Screen TV"; under the NUMBER column, write "1"; under the UNIT column, write "\$250"; under the CASH column, write "\$50"; and under the CREDIT column, write "\$200."
- Member of the household* means anyone who actually eats and sleeps (stays) in the household.

2016 CNMI Household Income and Expenditures Survey –Daily Expenditure Diary

<i>Home-produced</i>	items may be anything produced in the home. For example, in the case of food such items might include root crops, livestock, vegetables, fruits, self-caught fish, self-collected shellfish, etc.; in the case of material things, home-produced items may include hand-woven floor mats, baskets, storyboards, spear guns, locally made necklaces, etc. Make certain that you describe each item properly under the ITEM DESCRIPTION column. Then, record the weight or number of pieces of identical items under the NUMBER column. Make sure that the retail unit price is estimated and recorded under the UNIT column, and that the total estimated retail dollar value is calculated and recorded under the ESTIMATED LOCAL RETAIL VALUE column.
<i>Gifts Given</i>	may include any item given, including money, food item, article of clothing, and so on. Items that qualify as gifts include those purchased in a store, home grown (root crops, vegetables, fruits), self-caught or collected (fish, shellfish, crustaceans), or homemade (baskets, mats, spear guns)—anything that the household or any member of the household gives to another household or someone not a member of the household for which no money or payment is expected. Note that although payment is not anticipated for the gifts given, you nevertheless should record the estimated dollar value of each item given away as a gift.
<i>Gifts Received</i>	may include any item received by the household or any member of the household from another household or someone who is not a member of the household. Do not treat items exchanged among members of the household as gifts received. For example, if a household member's birthday falls during the week of the Daily Expenditures Diary, the present given to this person should not be recorded as a gift received; however, the expenditure should be recorded on the Daily Expenditures Form under the ITEM BOUGHT column.
<i>Money for children</i>	is money given to child members of the household as spending money (allowance). Do not record children's allowance under gifts given; rather, record it in the ITEM BOUGHT part of the Daily Expenditures Diary as "children's allowance" under the ITEM DESCRIPTION portion, with the amount of the allowance recorded under the CASH column. Leave the number, unit, and credit columns blank.
<i>Used items</i>	are second hand items in good condition purchased by the household.

II.2. Forms

Following are descriptions of the various forms that comprise the Daily Expenditures Diary.

<i>Diary Forms:</i>	The Diary Forms comprise fourteen separate sheets—one for each day of the two week period (Monday through Sunday). Each consists of two parts. The upper part, titled ITEMS BOUGHT, is for recording daily purchases. Record a brief description of each item bought under the ITEM DESCRIPTION column. Under the QUANTITY column, the sub-columns NUMBER and UNIT are for recording the weight or number of pieces of identical items and the unit price for each. If an item was purchased with cash, the dollar amount of the purchase is to be recorded under the CASH column; in the case of several identical items, record the total amount spent by multiplying the weight or number of individual items by the unit price. If an item is purchased on credit, the dollar amount of the purchase is recorded under the CREDIT column. The space under the OFFICE USE column is reserved for use by the DEPARTMENT OF COMMERCE, CENTRAL STATISTICS DIVISION.
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2016 CNMI Household Income and Expenditures Survey -Daily Expenditure Diary

The lower part of the forms, titled *Home Produced Consumption*, is for recording the daily consumption of home grown root crops, vegetables, fruits, livestock and related products; self-caught or gathered fish, shellfish and crustacean, and related foods; and homemade mats, baskets, and other goods produced at home. Similarly, account for, price, and value in dollars under the appropriate column each home-produced item consumed on a particular day.

- Overflow Form:* This form is for recording additional expenditures when there are too many purchases for a particular day to record on Daily Expenditures Forms. The day that these additional purchases is made must be recorded on the Overflow Form as part of that day's expenditures, using the same date recorded on a particular daily form.
- Gifts Given:* This form is for recording the description and estimated dollar value of gifts that any member of the household or the household as a whole gives to someone not a member of the household during the fourteen-day period that the Daily Expenditures Diary is kept.
- Gifts Received:* This form is for recording the description and estimated dollar value of gifts that any member of the household or the household as a whole receives from someone not a member of your own household during the fourteen-day period that the Daily Expenditures Diary is kept.
- A Final Reminder:* This form serves as a final reminder to ensure that you have recorded all purchases and expenses incurred by each and every member of the household during the fourteen-day period that the Daily Expenditures Diary is kept. Examples of *easy to forget* items are listed on this form. In addition, note that space is provided to record special events such as weddings, funerals, and any custom-related functions or activities which made the expenses recorded in the Daily Expenditures Diary exceptional. It will be helpful if you record the exact date that such events occurred.

2016 CNMI Household Income and Expenditures Survey -Daily Expenditure Diary

Instructions for Completing Diary

READ ALL OF THESE INSTRUCTIONS BEFORE STARTING THE DIARY

In this book, record everything that each member of the household purchases. Also, include details of any food you or other members of the household grew and ate.

This diary has one page for each day of the week for two weeks, starting with Day 1 and ending with Day 14. Use only the proper page for that day. If you run out of space, use the extra form provided after the form for Day 14. Please list everything any member of the household buys each day—recording the information as you make the purchase and no later than the end of the day of the purchase.

Please write down everything any member of the household buys each day. If ANY member of the household makes a purchase, record it in the space provided on the day the item was purchased. Record the information in the above manner even if you do not use your own money. For instance, if you use household money—that is, money belonging to the whole household—, record the information just as you would for your own money. Similarly, record the information consistently whether you are buying something with cash or credit, remembering to use the proper columns to record the information (the CASH columns for cash purchases and the CREDIT columns for credit purchases).

Always record every item, large or small. For example, do not simply write "groceries"; instead record each item you buy, such as "butter" or "sugar". If the item has a brand name, record the brand and type of product—for example, "Pringles Potato Chips." Always try to provide as much information as you can. Each time you write down an item, also write down the quantity of that item purchased and show the total cost either in the CASH column or the CREDIT column.

For example, the illustration below shows the first two items purchased on DAY 1 of the Diary week. Record the date. The household bought 3 cans of sardines and 1 package of Pringles potato chips on April 1st, 2016. Since the purchase was for cash, the total amount paid was entered in the CASH column. Note that since 3 cans of sardines were purchased, the total amount of the purchase was entered on one line. Although each can of sardines cost \$1.50, that amount wasn't recorded, only the total amount was recorded. The last column is left blank for office use.

DAY 1: Month Day Year 04 / 01 / 2016	ITEMS BOUGHT		Mark (X) here if you did not buy anything on this day =>		
Item Description (Brand or Type)	Quantity		Cash	Credit	Office Use
	Number	Unit	\$XX.XX	\$XX.XX	
Cans of Sardines	3	6 oz.	\$4.50		
Pringles Potato chips	1	6 oz.	\$1.50		

Notice that a separate space is provided on each day's page for HOME PRODUCED CONSUMPTION. Home production consists of items grown at home and also consumed there. For example, if any member of the household grew any food, please record how much of each item the household used that day; also, estimate how much each item would cost if bought locally. Home production also includes fish and similar foods; if you or members of the household caught and ate fish, record the approximate quantity of fish and how much they would have cost to purchase from a local source.

2016 CNMI Household Income and Expenditures Survey -Daily Expenditure Diary

For the following example of home produced products, the household here caught 3 fish, which they estimated would have cost them \$5 in the market, and harvested about 5 pounds of taro, which they also estimated would have cost \$5 in the market. Since they ate the produce, they recorded "1" in the column for what happened to the home produced products; if they had sold the fish, they would have recorded "2" in that column, or "3" if they gave the produce away. If another household gave THIS household fish, for example, this household should record the fish in the home produced section of the form, but recorded "4" in this column, since they received the fish from the other household; the other household should also record the fish caught on their form, and noted that they gave away the fish.

The estimated local retail value of the products is put in the next column. In the example, both the fish and the taro were reported as costing about \$5 in the market. The last column is left blank for office use.

DAY 1: Month Day Year 04 / 01 / 2016		ITEMS BOUGHT			Mark (X) here if you did not buy anything on this day =>	
HOME PRODUCED CONSUMPTION (vegetables, bananas, breadfruit, eggs, fish, chicken, meat, etc.)						
Item Description	Quantity		1 Used 2 Sold 3 Given 4 Received	Est. Local Retail Value \$XX.XX	Office Use	
	Number	Unit				
Fresh tuna fish	3	fish	1	\$ 15		
Taro	5	pounds	1	\$ 5		

After you write down everything any member of the household bought for a day, read the list aloud to everyone and try to discover any items overlooked. Certain items are easily forgotten, including:

- 1) beers consumed at a bar;
- 2) meals eaten away from home;
- 3) ice cream, soft drinks or candy bought for kids at the store but not part of groceries purchased;
- 4) taxi and bus fare;
- 5) newspapers and magazines;
- 6) cups of coffee; and,
- 7) coins spent on washing machines and dryers at Laundromats, and on games at video arcades.

If no one recorded items purchased on a given day, write them down while you are checking over that day's work.

If you own a business, please include all items you take from stock for the household's use. Provide the retail-selling price of each item under COST.

Do not forget to record money given to children to for their use. Write down "children's money" and the amount in the AMOUNT PAID column. You need not write down what items the children buy with their pocket money, but you can if you wish. However, if you send your child to the store to buy something for you or the household, write down the item purchased and the amount paid.

DAY 1:		Mark (X) here if you did not buy
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2016 CNMI Household Income and Expenditures Survey -Daily Expenditure Diary

Month Day Year 04 / 01 / 2016	ITEMS BOUGHT				anything on this day ->
Item Description (Brand or Type)	Quantity		Cash	Credit	Office Use
	Number	Unit	\$XX.XX	\$XX.XX	
Coins used to do laundry			\$4.00		
Children's allowances			\$15.00		

If on any day included in the Daily Expenditures Diary any member of the household pays an installment or part payment on goods you are buying by *time payments*, write down what the item is and how much you paid—for example, "time payment—installment on radio set. If you started buying anything by time payment on any of the seven days, record this information on the appropriate day, showing the full price as well as how much you paid on that day—for example "radio set by time payment costing \$33" or "time payment—first payment on radio set \$14."

If you purchase any *used items* during the seven days covered by the Daily Expenditures Diary, write "used" before the item when you record it and state the amount paid.

DAY 1: Month Day Year 04 / 01 / 2016	ITEMS BOUGHT				Mark (X) here if you did not buy anything on this day ->
Item Description (Brand or Type)	Quantity		Cash	Credit	Office Use
	Number	Unit	\$XX.XX	\$XX.XX	
Time payment—first installment on radio			\$33		
RCA Video Player			\$100	\$200	
Used clothing bought at rehab center			\$20		

2016 CNMI HOUSEHOLD INCOME AND EXPENDITURE SURVEY REPORT

2016 CNMI Household Income and Expenditures Survey -Daily Expenditure Diary

Please record separately the amount spent on *alcoholic drinks, tobacco, and poker machines* during the period covered by the diary. Again, this is for purchases by any member of the household.

DAY 1: Month Day Year 04 / 01 / 2016			ITEMS BOUGHT		Mark (X) here if you did not buy anything on this day =>
Item Description (Brand or Type)	Quantity		Cash	Credit	Office Use
	Number	Unit	\$XX.XX	\$XX.XX	
Pack of Bensons Regular cigarettes	1	pack	\$2.00		
3 Coors Light beers at bar	3	bottles	\$6.00		

If you purchase more separate items in a day than you have room to record the purchases, use the OVERFLOW form provided after the daily forms. For example, if you use all the lines for the Items Purchased part of the Monday form; go to the overflow form to include additional items:

OVERFLOW FOR ITEMS BOUGHT						
Day of Week	Item Description (Brand or Type)	Quantity		Cash	Credit	Office Use
		Number	Unit	\$XX.XX	\$XX.XX	
1	Chewing gum	2	packs	\$0.50		
1	Gas for car	5	gallons	\$5.50		
NOTE: For Days, use 1=Day 1, 2=Day 2, 3=Day 3, 4=Day 4, 5=Day 5, 6=Day 6, 7=Day 7.						

Similarly, if you do not have enough space for one day for HOME PRODUCED ITEMS, use the space below:

OVERFLOW FOR HOME PRODUCED ITEMS						
Day of Week	Item Description (Brand or Type)	Quantity		1 Used 2 Sold 3 Given 4 Received	Est. Local Retail Value \$XX.XX	Office Use
		Number	Unit			
1	Cucumbers	10	each	3	\$3	
NOTE: For Days, use 1=Day 1, 2=Day 2, 3=Day 3, 4=Day 4, 5=Day 5, 6=Day 6, 7=Day 7.						

2016 CNMI Household Income and Expenditures Survey -Daily Expenditure Diary

If you *sell or exchange* anything on a day included in the Daily Expenditures Diary, please record all appropriate details in the tables on the Gifts Given or Gifts Received forms.

If you or members of the household *gave gifts of cash or goods* to people outside the household during the period included in the Daily Expenditures Diary, record the gifts accordingly. If cash gifted, write the amount given; if goods gifted, describe the type and approximate quantity given, as well as the estimated value of the gifts.

GIFTS GIVEN					
On any day that any member of the household GIVES Cash or Purchased goods to other households in Commonwealth of the Northern Mariana Islands, record the information below, and the amount of the gift OR approximate value of the purchased item.					
Day of Week	Item Description (Brand or Type)	Quantity		Estimated Local Retail Value \$XX.XX	Office Use
		Number	Unit		
2	CASH to cousin leaving for Western Samoa	X	X	\$100	
7	CASH to sister for nephew's birthday	X	X	\$ 10	
	CASH	X	X		
	PURCHASED GOODS:				
2	3 cans corn beef for nephew's birthday party	3	pound can	\$10.50	

NOTE: For Days, use 1=Day 1, 2=Day 2, 3=Day 3, 4=Day 4, 5=Day 5, 6=Day 6, 7=Day 7.

If **ANY** member of the household *received gifts of cash or goods* from people outside the household during the period included in the Daily Expenditures Diary, record the gifts accordingly. If cash received, write the amount; if goods received, describe the type and approximate quantity received, as well as the estimated value of the gifts.

GIFTS RECEIVED					
On any day that any member of the household RECEIVES Cash or Purchased goods from other households in Commonwealth of the Northern Mariana Islands, record the information below, and the amount of the gift OR approximate value of the purchased item.					
Day of Week	Item Description (Brand or Type)	Quantity		Estimated Local Retail Value \$XX.XX	Office Use
		Number	Unit		
7	CASH from brother for son's birthday party	X	X	\$10	
	CASH	X	X		
	PURCHASED GOODS:				
7	3 cans corn beef from brother for son's birthday party	3	pound can	\$10	

NOTE: For Days, use 1=Day 1, 2=Day 2, 3=Day 3, 4=Day 4, 5=Day 5, 6=Day 6, 7=Day 7.

2016 CNMI Household Income and Expenditures Survey -Daily Expenditure Diary

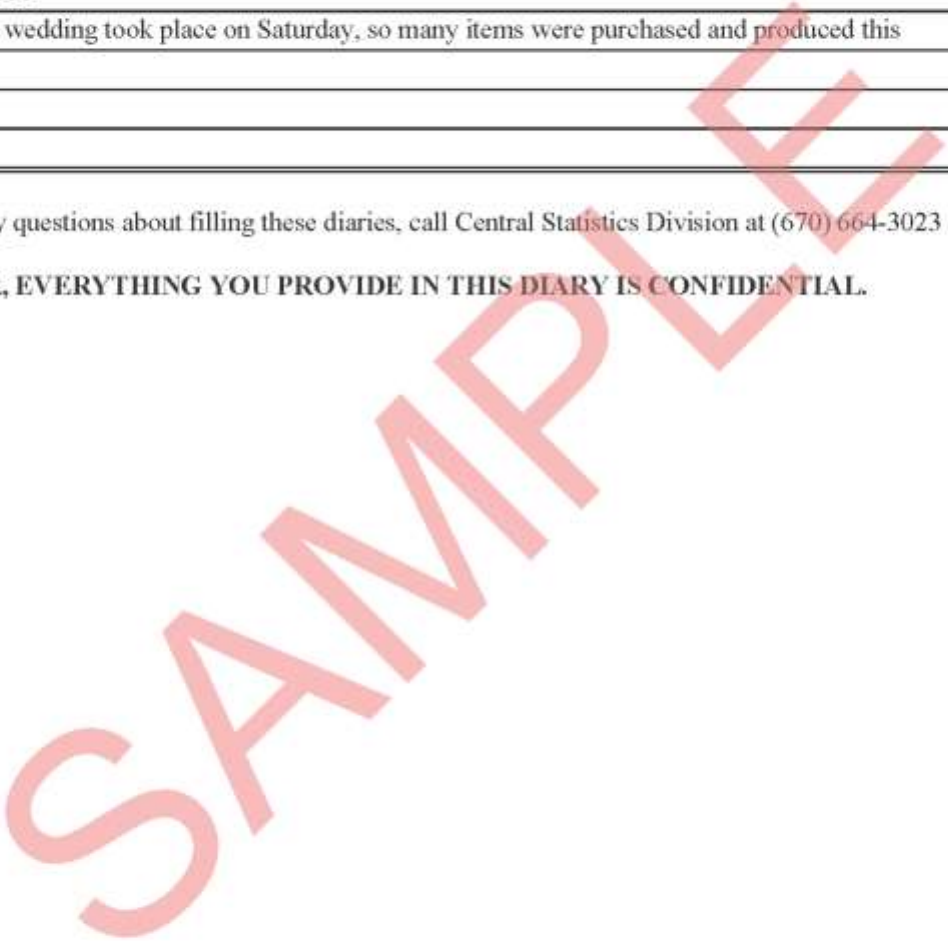
NOTE: Once again, the item listed on the last page of the Daily Expenditures Diary is to make sure that you are not leaving anything out.

Also, on the last page, you will find a box for any special events, such as weddings, funerals, etc., which made the expenses you recorded in your diaries exceptional. Normally, this will not happen in any particular week, but sometimes it does, and if we don't note this special event, there will be an impression that this event occurs every week. So, it is very important that if you have an event like this, that you record the information in the box provided. For example:

Date: 04/01/2016
Event: Sister's wedding took place on Saturday, so many items were purchased and produced this week.

If you have any questions about filling these diaries, call Central Statistics Division at (670) 664-3023 / 3045.

REMEMBER, EVERYTHING YOU PROVIDE IN THIS DIARY IS CONFIDENTIAL.



2016 CNMI Household Income and Expenditures Survey – Daily Expenditure Diary



DAILY EXPENDITURES DIARY

Village:	AA:	Block:	Map spot:
Interviewer Name:			
Interviewer Contact Information:			
TWO WEEK DIARY			
Starting:		Ending:	
Date:	_____ / _____ / _____	Date:	_____ / _____ / _____
CONFIDENTIAL			
<p>The information you provide in this book is <i>confidential</i>; it will not be revealed to anyone except the interviewer and the people who are working for the Department of Commerce, Central Statistics Division. The results of the survey will be published in statistical format only and no information about individual households or individual respondent will be disclosed.</p>			
Department of Commerce Central Statistics Division 664-3023 / 3045			

2016 CNMI Household Income and Expenditures Survey -Daily Expenditure Diary

1) Have you made sure you have included *all* the expenses incurred by *all* members of the household?

Yes

2) Have you remembered to include those *easy to forget* items? For example:

Beer consumed at a bar

Meals away from home

Ice cream and candy for kids

Taxi and boat fares

Newspapers and magazines

Video rentals

Playing on poker machines and video arcade machines (expense minus [-] winnings)

When you are satisfied that the diary is complete, please hold it until the interviewer calls.

He/she expects to come by on ___/___/___.

Were there any special events, such as weddings, funerals, etc., which made the expenses you recorded in your diaries exceptional?

Yes

No

If yes, please describe briefly:

Date:	
Event:	

The Department of Commerce, Central Statistics Division is very grateful for your help in this survey. The information you have provided is confidential, but will be of great value to us in our planning for the economic development of the Commonwealth. Our Warmest Thanks to all members of your household.