

**2000 Census of Population and Housing  
Population and Housing Profile: 2000**

**PROFILE OF GENERAL DEMOGRAPHIC  
CHARACTERISTICS FOR GUAM**

**Comparison 1990 and 2000**

**State / County (Island-wide) Level**

**Guam Department of Commerce  
February 2002**

## TABLE OF CONTENTS

<b>Introduction</b>	Population and Housing Profile: 2000
<b>State / County Level</b>	Guam
<b>Appendix</b>	Pacific Islands Profile Subject Definitions User Update 1
<b>Historical Data</b>	Guam Population: 1970 to 2000 Guam Housing: 1970 to 2000

**Source:** *Population and Housing Profile: 2000 - Guam*, Bureau of the Census  
(<http://www.census.gov/census2000/guam.html>)

## Introduction

The **Population and Housing Profile: 2000** for Guam are tables that include Census 2000 data on topics such as age and sex distribution, ethnic origin and race, household relationship, school enrollment, place of birth, income and poverty, and housing occupancy and tenure (whether the occupant owns or rents). The profile includes 60 data items in all.

The tables in this publication show data from the 1990 and 2000 Censuses at the state/county (island-wide) level of Census geography to allow side-by-side comparisons for each of the data items in the **Population and Housing Profile: 2000** for which 1990 comparable data is available.

# STATE / COUNTY LEVEL

(ISLAND-WIDE)

**Clarification:** The "footnote" referred to in the tables is the following statement:

**NOTE:** To maintain confidentiality, the Census Bureau applies statistical procedures that introduce some uncertainty into data for small geographic areas with small population groups. The census results in these tables contain nonsampling error, but do not contain sampling error. Data users who create their own estimates using data from these tables should cite the Census Bureau as the source of the original data only. See also the subject definitions.

**Table DP-01. Profile of General Demographic Characteristics for Guam: Comparison 1990 and 2000**

**Geography: Guam**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see the footnote below.

Subject	Number		% Change	Subject	Number		% Change
	2000	1990			2000	1990	
<b>SEX AND AGE</b>				<b>RELATIONSHIP</b>			
Total population	154,805	133,152	16.3%	Total population	154,805	133,152	16.3%
Male	79,181	70,945	11.6%	In households	150,928	124,596	21.1%
Female	75,624	62,207	21.6%	Householder	38,769	31,373	23.6%
				Spouse	22,693	21,342	6.3%
Under 5 years	16,785	15,097	11.2%	Child	58,982	52,497	12.4%
5 to 9 years	16,090	13,078	23.0%	Own child under 18 years	42,353	39,352	7.6%
10 to 14 years	14,281	11,777	21.3%	Other relatives	24,258	15,316	58.4%
15 to 19 years	12,379	12,121	2.1%	Under 18 years	11,767	7,051	66.9%
20 to 24 years	11,989	14,379	-16.6%	Nonrelatives	6,226	4,068	53.0%
25 to 34 years	25,850	25,276	2.3%	Unmarried partner	2,702	1,078	150.6%
35 to 44 years	23,141	18,329	26.3%	In group quarters	3,877	8,556	-54.7%
45 to 54 years	16,548	10,279	61.0%	Institutionalized population	976	187	421.9%
55 to 59 years	4,993	4,059	23.0%	Noninstitutionalized population	2,901	8,369	-65.3%
60 to 64 years	4,534	3,527	28.6%	<b>HOUSEHOLDS BY TYPE</b>			
65 to 74 years	5,860	3,801	54.2%	<b>Total households</b>			
75 to 84 years	2,000	1,170	70.9%	Family households (families)	38,769	31,373	23.6%
85 years and over	355	259	37.1%	With own children under 18 years	32,367	27,313	18.5%
Median age (years)	27.4	25.0	9.6%	Married-couple families	19,678	17,911	9.9%
				With own children under 18 years	22,693	21,342	6.3%
18 years and over	99,951	86,258	15.9%	Female householder, no husband present	13,964	14,325	-2.5%
Male	50,932	47,016	8.3%	With own children under 18 years	6,284	3,824	64.3%
Female	49,019	39,242	24.9%	Nonfamily households	3,753	2,438	53.9%
21 years and over	92,802	77,800	19.3%	Householder living alone	6,402	4,060	57.7%
62 years and over	10,789	7,395	45.9%	Householder 65 years and over	5,082	3,080	65.0%
65 years and over	8,215	5,230	57.1%		659	436	51.1%
Male	3,953	2,530	56.2%	Households with individuals under 18 years [2]	23,346	N/A	N/A
Female	4,262	2,700	57.9%	Households with individuals 65 years and over [2]	6,247	N/A	N/A
<b>ETHNIC ORIGIN AND RACE</b>				Average household size			
Total population	154,805	133,152	16.3%	Average family size			
One ethnicity or race	133,252	120,203	10.9%	3.89			
Native Hawaiian and Other Pacific Islander [1]	69,039	56,444	22.3%	4.27			
Carolinian	123	135	-8.9%	0.2%			
Chamorro	57,297	49,935	14.7%	<b>SCHOOL ENROLLMENT</b>			
Chuukese	6,229	1,919	224.6%	<b>Population 3 years and over enrolled in school</b>			
Kosraean	292	101	189.1%	46,828			
Marshallese	257	71	262.0%	37,131			
Palauan	2,141	1,858	15.2%	1,782			
Pohnpeian	1,366	589	131.9%	N/A			
Yapese	686	199	244.7%	N/A			
Other Pacific Islander	648	1,637	-60.4%	3,134			
Asian	50,329	39,281	28.1%	23,969			
Chinese	2,707	1,959	38.2%	19,573			
Filipino	40,729	30,043	35.6%	10,664			
Japanese	2,086	2,244	-7.0%	7,279			
Korean	3,816	3,931	-2.9%	5,949			
Other Asian	991	1,104	-10.2%	<b>EDUCATIONAL ATTAINMENT</b>			
White	10,509	19,160	-45.2%	<b>Population 25 years and over</b>			
Black or African American	1,568	3,158	-50.3%	83,281			
Some other race or ethnic group	1,807	2,160	-16.3%	66,700			
Two or more races or ethnic groups	21,553	12,877	67.4%	7,843			
Chamorro and other group(s)	7,946	7,713	3.0%	9,238			
Asian and other group(s)	10,853	7,449	45.7%	11,862			
				8,602			
				26,544			
				16,611			
				11,318			
				3,666			
				3,787			
				12,774			
				8,792			
				3,860			
				2,864			
				76.3			
				73.3			
				4.1%			
				20.0			
				17.5			
				14.3%			

- Represents zero or rounds to zero. (X) Not applicable. (NA) Not available.

1. Classification of population by race and ethnicity reflects the Office of Management and Budget, "Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity," Federal Register, Vol. 62, No. 210, October 30, 1997, pp. 58782-58790

2. No printed 1990 comparable tables are available.

Source: U.S. Bureau of the Census, Population and Housing Profile: 2000 Guam; 1990 Census of Population and Housing: Social, Economic, and Housing Characteristics Guam 1990 CPH-6-G

Prepared by: Guam Department of Commerce, Economic Research Center, State Data Center

**Table DP-01. Profile of General Demographic Characteristics for Guam: Comparison 1990 and 2000**

**Geography: Guam**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see the footnote below.

Subject	Number		% Change	Subject	Number		% Change
	2000	1990			2000	1990	
<b>MARITAL STATUS</b>				<b>DISABILITY STATUS OF THE CIVILIAN</b>			
<b>Males 15 years and over</b>				<b>NONINSTITUTIONALIZED POPULATION [4]</b>			
Never married	54,872	50,564	8.5%	<b>Population 5 to 20 years</b>	44,525	N/A	N/A
Now married, except separated	20,570	18,341	12.2%	With a disability	2,370	N/A	N/A
Separated	29,829	29,048	2.7%	<b>Population 21 to 64 years</b>	79,930	N/A	N/A
Widowed	608	436	39.4%	With a disability	17,405	N/A	N/A
Divorced	804	674	19.3%	Percent employed	62.7	N/A	N/A
	3,061	2,065	48.2%	No disability	62,525	N/A	N/A
<b>Females 15 years and over</b>				Percent employed	65.9	N/A	N/A
Never married	52,777	42,636	23.8%	<b>Population 65 years and over</b>	8,156	N/A	N/A
Now married, except separated	17,141	12,418	38.0%	With a disability	3,665	N/A	N/A
Separated	27,676	24,763	11.8%	<b>RESIDENCE IN 1995</b>			
Widowed	845	470	79.8%	<b>Population 5 years and over</b>			
Divorced	3,449	2,519	36.9%	Same house	138,020	118,055	16.9%
	3,666	2,466	48.7%	Different house in Guam	73,120	54,665	33.8%
<b>FERTILITY</b>				Same district	40,945	24,763	65.3%
<b>Women 15 to 24 years</b>				Different district	15,093	10,075	49.8%
Children ever born	11,955	11,680	2.4%	Outside Guam	25,852	14,688	76.0%
Per 1,000 women	5,568	5,456	2.1%	The Commonwealth of the Northern Mariana Islands	23,955	38,627	-38.0%
Women ever married	466	467	-0.2%	Federated States of Micronesia	904	613	47.5%
Children ever born	1,867	3,049	-38.8%	Palau	1,817	2,157	-15.8%
Per 1,000 women	2,104	3,213	-34.5%	Other Pacific Island	267	354	-24.6%
	1,127	1,054	6.9%	Asia	141	296	-52.4%
<b>Women 25 to 34 years</b>				China	8,144	10,847	-24.9%
Children ever born	12,539	11,610	8.0%	Japan	1,205	790	52.5%
Per 1,000 women	22,342	20,019	11.6%	Korea	1,199	1,476	-18.8%
Women ever married	1,782	1,724	3.4%	Philippines	647	1,979	-67.3%
Children ever born	8,176	9,057	-9.7%	United States	4,822	5,996	-19.6%
Per 1,000 women	16,317	17,468	-6.6%	California [1]	11,782	22,913	-48.6%
	1,996	1,929	3.5%	Elsewhere	2,967	N/A	N/A
<b>Women 35 to 44 years</b>					900	1,447	-37.8%
Children ever born	11,105	8,359	32.9%	<b>NATIVITY, CITIZENSHIP STATUS, AND YEAR OF ENTRY</b>			
Per 1,000 women	27,286	22,725	20.1%	<b>Total population</b>			
No children [1]	2,457	2,719	-9.6%	Native	154,805	133,152	16.3%
1 child [1]	1,688	N/A	N/A	Born in Guam	105,186	96,460	9.0%
2 children [1]	1,653	N/A	N/A	Born in United States	80,737	63,504	27.1%
3 children [1]	2,741	N/A	N/A	Born in Puerto Rico or other U.S. Island Area	19,096	28,010	-31.8%
4 children [1]	2,390	N/A	N/A	Born abroad of U.S. parent(s)	2,377	2,245	5.9%
5 or more children [1]	1,360	N/A	N/A	Foreign born	2,976	2,701	10.2%
Women ever married	1,273	N/A	N/A	Entered 1990 to 2000 [1]	49,619	36,692	35.2%
Children ever born	9,461	7,674	23.3%	Entered before 1990 [1]	28,989	N/A	N/A
Per 1,000 women	24,637	21,941	12.3%	Naturalized citizen	20,630	N/A	N/A
	2,604	2,859	-8.9%	Entered 1990 to 2000 [1]	21,675	16,086	34.7%
<b>GRANDPARENTS AS CAREGIVERS [2]</b>				Entered before 1990 [1]	7,284	N/A	N/A
<b>Grandparents living in households with one or more grandchildren under 18 years</b>				Not a citizen	14,391	N/A	N/A
Grandparent responsible for grandchild	9,145	N/A	N/A	Entered 1990 to 2000 [1]	27,944	20,606	35.6%
Less than 6 months	3,709	N/A	N/A	Entered before 1990 [1]	21,705	N/A	N/A
6 to 11 months	334	N/A	N/A		6,239	N/A	N/A
1 or 2 years	299	N/A	N/A	<b>VETERAN STATUS [3]</b>			
3 or 4 years	834	N/A	N/A	<b>Civilian population 18 years and over</b>			
5 years or more	636	N/A	N/A		95,510	N/A	N/A
	1,606	N/A	N/A	<b>Civilian veterans</b>			
					8,962	N/A	N/A

- Represents zero or rounds to zero. (X) Not applicable. (NA) Not available.

1. No printed 1990 comparable tables are available.

2. Question was added to the 2000 Census and data is derived from answers to questions asked of the population 15 years and over. Because of the very small numbers of people under 30 years being grandparents, data are only shown for people 30 years and over.

3. Data in 1990 Census was derived from answers to questions asked of the population 16 years and over. No printed 1990 comparable tables are available.

4. Significant design changes in the disability items made it impossible to distinguish actual differences in the population from differences in 1990 because of the questionnaire design.

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**Geography: Guam**

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Subject	Number		%	Subject	Number		%
	2000	1990			2000	1990	
<b>PLACE OF BIRTH</b>				<b>EMPLOYMENT STATUS</b>			
<b>Total population</b>	154,805	133,152	16.3%	<b>Population 16 years and over</b>	105,014	90,990	15.4%
Born in Guam	80,737	63,504	27.1%	In labor force	68,894	66,138	4.2%
Born outside Guam	74,068	69,648	6.3%	Civilian labor force	64,452	54,186	18.9%
The Commonwealth of the Northern Mariana Islands	2,183	2,020	8.1%	Employed	57,053	52,144	9.4%
Federated States of Micronesia	6,983	2,964	135.6%	Also did subsistence activity	4,480	1,517	195.3%
Palau	1,334	1,233	8.2%	Unemployed	7,399	2,042	262.3%
Other Pacific Island	426	355	20.0%	Percent of civilian labor force	11.5	4	202.6%
Asia	42,121	33,351	26.3%	Armed forces	4,442	11,952	-62.8%
China	2,711	1,162	133.3%	Not in labor force	36,120	24,852	45.3%
Japan	2,454	2,457	-0.1%	Subsistence activity only	2,382	396	501.5%
Korea	3,250	3,585	-9.3%				
Philippines	32,625	24,545	32.9%	<b>Females 16 years and over</b>	51,478	41,550	23.9%
United States	19,096	28,010	-31.8%	In labor force	29,751	24,722	20.3%
California	4,388	4,967	-11.7%	Civilian labor force	28,746	23,106	24.4%
Hawaii	1,445	1,458	-0.9%	Employed	25,444	22,004	15.6%
Elsewhere	1,925	1,715	12.2%	Also did subsistence activity	1,600	527	203.6%
				Not in labor force	21,727	16,828	29.1%
<b>MOTHER'S PLACE OF BIRTH</b>				Subsistence activity only	1,125	180	525.0%
<b>Total population</b>	154,805	133,152	16.3%	<b>Own children under 6 years</b>	17,359	12,157	42.8%
Born in Guam	62,804	51,628	21.6%	All parents in family in labor force	9,751	6,587	48.0%
Born in the United States	17,067	25,748	-33.7%				
Born in Puerto Rico or other U.S. Island Area	4,112	3,336	23.3%	<b>Own children 6 to 17 years [1]</b>	31,144	N/A	N/A
Born elsewhere	70,822	52,440	35.1%	All parents in family in labor force [1]	19,351	N/A	N/A
<b>FATHER'S PLACE OF BIRTH</b>				<b>Population 16 to 19 years</b>	9,744	9,911	-1.7%
<b>Total population</b>	154,805	133,152	16.3%	Not enrolled in school and not high school graduate	1,361	1,479	-8.0%
Born in Guam	59,445	48,013	23.8%	Unemployed or not in labor force	994	802	23.9%
Born in the United States	20,111	29,472	-31.8%				
Born in Puerto Rico or other U.S. Island Area	4,081	3,052	33.7%	<b>PLACE OF WORK</b>			
Born elsewhere	71,168	52,615	35.3%	<b>Workers 16 years and over [1]</b>	60,607	N/A	N/A
				Worked in Guam [1]	60,335	N/A	N/A
<b>LANGUAGE SPOKEN AT HOME</b>				Same district [1]	16,808	N/A	N/A
<b>Population 5 years and over</b>	138,020	118,055	16.9%	Different district [1]	43,527	N/A	N/A
English only	52,831	44,048	19.9%	Worked outside Guam [1]	272	N/A	N/A
Language other than English	85,189	74,007	15.1%				
Speak other language				<b>COMMUTING TO WORK</b>			
Less frequently than English	21,114	19,710	7.1%	<b>Workers 16 years and over</b>	60,607	62,753	-3.4%
Equally often with English	31,503	26,789	17.6%	Car, truck, or van - - drove alone	42,327	43,762	-3.3%
More frequently than English	31,654	26,331	20.2%	Car, truck, or van - - carpooled	14,087	12,128	16.2%
Does not speak English	918	1,177	-22.0%	Public transportation	425	490	-13.3%
				Public van/bus	278	300	-7.3%
Chamorro	30,708	34,598	-11.2%	Boat	24	85	-71.8%
Philippine languages	30,588	23,686	29.1%	Taxicab	123	105	17.1%
Other Pacific Island languages	9,416	4,407	113.7%	Motorcycle	86	172	-50.0%
Asian languages	9,624	8,832	9.0%	Bicycle	202	359	-43.7%
				Walked	1,483	3,180	-53.4%
				Other means	1,208	1,739	-30.5%
				Worked at home	789	923	-14.5%
				Mean travel time to work (minutes)	19.2	16.7	15.0%

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1. No printed 1990 comparable tables available.

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Subject	Number		% Change	Subject	Number		% Change
	2000	1990			2000	1990	
<b>OCCUPATION [1]</b>				<b>INCOME IN 1999</b>			
<b>Employed civilian population 16 years and over</b>	57,053	N/A	N/A	<b>Households</b>	38,769	31,373	23.6%
Management, professional and related occupations	15,852	N/A	N/A	Less than \$5,000	3,808	1,626	134.2%
Service occupations	12,654	N/A	N/A	\$5,000 to \$9,999	1,768	1,548	14.2%
Sales and office occupations	16,027	N/A	N/A	\$10,000 to \$14,999	2,128	2,634	-19.2%
Farming, fishing, and forestry occupations	212	N/A	N/A	\$15,000 to \$24,999	4,758	6,495	-26.7%
Construction, extraction, and maintenance occupations	6,771	N/A	N/A	\$25,000 to \$34,999	4,842	5,581	-13.2%
Production, transportation and material moving occupations	5,537	N/A	N/A	\$35,000 to \$49,999	6,357	5,625	13.0%
				\$50,000 to \$74,999	7,175	4,888	46.8%
				\$75,000 to \$99,999	3,982	1,704	133.7%
<b>INDUSTRY</b>				\$100,000 or more	3,951	1,272	210.6%
<b>Employed civilian population 16 years and over</b>	57,053	52,144	9.4%	<b>Households</b>	38,769	31,373	23.6%
Agriculture, forestry, fishing and hunting, and mining	296	568	-47.9%	With earnings	32,821	29,191	12.4%
Construction	5,532	8,023	-31.0%	Mean earnings (dollars) [2]	49,337	50,945	-3.2%
Manufacturing	1,155	2,302	-49.8%	With Social Security income	4,147	2,520	64.6%
Wholesale trade	1,948	1,584	23.0%	Mean Social Security income (dollars) [2]	7,758	7,851	-1.2%
Retail trade	7,558	9,959	-24.1%	With Supplemental Security Income [3]	248	N/A	N/A
Transportation and warehousing, and utilities	4,319	3,522	22.6%	Mean Supplemental Security Income (dollars) [3]	6,067	N/A	N/A
Information	1,540	958	60.8%	With public assistance income	4,211	2,225	89.3%
Finance, insurance, real estate and rental and leasing	3,053	2,767	10.3%	Mean public assistance income (dollars) [2]	5,291	6,358	-16.8%
Professional, scientific, management, administrative, and waste management services	4,277	3,031	41.1%	With retirement income	6,889	4,116	67.4%
Educational, health, and social services	8,412	6,296	33.6%	Mean retirement income (dollars) [2]	21,750	15,402	41.2%
Arts, entertainment, recreation, accommodation and food services	10,278	5,426	89.4%	<b>Families</b>	32,367	27,313	18.5%
Other services (except public administration)	2,158	2,010	7.4%	Less than \$5,000	2,494	1,085	129.9%
Public administration	6,527	5,698	14.5%	\$5,000 to \$9,999	1,461	1,297	12.6%
				\$10,000 to \$14,999	1,734	2,274	-23.7%
<b>CLASS OF WORKER</b>				\$15,000 to \$24,999	3,923	5,754	-31.8%
<b>Employed civilian population 16 years and over</b>	57,053	52,144	9.4%	\$25,000 to \$34,999	4,082	4,967	-17.8%
Private wage and salary workers	39,382	34,035	15.7%	\$35,000 to \$49,999	5,400	4,949	9.1%
Employees in own incorporated business [1]	1,141	N/A	N/A	\$50,000 to \$74,999	6,267	4,371	43.4%
Government workers	15,122	16,425	-7.9%	\$75,000 to \$99,999	3,536	1,512	133.9%
Self-employed in own not incorporated business	2,403	1,615	48.8%	\$100,000 or more	3,470	1,104	214.3%
Unpaid family workers	146	69	111.6%	Median family income (dollars) [2]	41,229	42,043	-1.9%
				Mean family income (dollars) [2]	51,674	53,100	-2.7%
				<b>Nonfamily households [1]</b>	6,402	N/A	N/A
				Median nonfamily income (dollars) [1]	22,712	N/A	N/A
				Mean nonfamily income (dollars) [1]	31,264	N/A	N/A
				Per capita income (dollars) [2]	12,722	13,388	-5.0%
				<b>Median earnings (dollars):</b>			
				Male full-time, year-round workers [2]	28,125	25,580	9.9%
				Female full-time, year-round workers [2]	24,118	20,936	15.2%

- Represents zero or rounds to zero. (X) Not applicable. (NA) Not available.

1. No printed 1990 comparable tables are available.

2. Census Bureau inflation adjustment rate of 1.348468 used to adjust 1989 dollars in 1990 Census results to 2000 dollars for comparability.

3. Data on households with Supplemental Security Income in 1990 Census were combined with households with public assistance income; no printed comparable tables for 1990 Census are available.

Source: U.S. Bureau of the Census, Population and Housing Profile: 2000 Guam; 1990 Census of Population and Housing: Social, Economic, and Housing Characteristics Guam 1990 CPH-6-G

Prepared by: Guam Department of Commerce, Economic Research Center, State Data Center



**Table DP-01. Profile of General Demographic Characteristics for Guam: Comparison 1990 and 2000**

**Geography: Guam**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see the footnote below.

Subject	Number		% Change	Subject	Number		% Change
	2000	1990			2000	1990	
	<u>Number</u>	<u>Number</u>		<b>YEAR STRUCTURE BUILT</b>			
	<u>Below</u>	<u>Below</u>		<b>Total housing units</b>	47,677	35,223	35.4%
	<u>Poverty</u>	<u>Poverty</u>		1999 to March 2000 [1]	1,960	N/A	N/A
	<u>Level</u>	<u>Level</u>		1995 to 1998 [1]	5,990	N/A	N/A
<b>POVERTY STATUS IN 1999</b>				1990 to 1994 [1]	8,696	N/A	N/A
<b>Families</b>	6,466	3,429	88.6%	1980 to 1989 [1]	10,486	N/A	N/A
With related children under 18 years	5,420	2,948	83.9%	1970 to 1979	14,557	14,606	-0.3%
With related children under 5 years	3,180	626	408.0%	1960 to 1969	4,771	6,767	-29.5%
				1950 to 1959	979	2,507	-60.9%
<b>Families with female householder, no husband present</b>	2,434	1,304	86.7%	1940 to 1949	154	646	-76.2%
With related children under 18 years	2,189	1,200	82.4%	1939 or earlier	84	152	-44.7%
With related children under 5 years	1,287	212	507.1%				
				<b>ROOMS</b>			
<b>Individuals</b>	34,792	18,957	83.5%	<b>Total housing units</b>	47,677	35,223	35.4%
18 years and over	19,143	10,201	87.7%	1 room	2,449	515	375.5%
65 years and over	1,302	833	56.3%	2 rooms	5,979	1,359	340.0%
Related children under 18 years	15,509	8,756	77.1%	3 rooms	9,892	3,159	213.1%
Related children 5 to 17 years	10,247	5,632	81.9%	4 rooms	9,641	7,186	34.2%
Unrelated individuals 15 years and over [1]	3,203	N/A	N/A	5 rooms	10,039	10,427	-3.7%
				6 rooms	5,917	7,902	-25.1%
				7 rooms	2,238	3,333	-32.9%
	<u>Number</u>	<u>Number</u>		8 rooms	909	870	4.5%
<b>HOUSING OCCUPANCY</b>				9 or more rooms	613	472	29.9%
<b>Total housing units</b>	47,677	35,223	35.4%	Median (rooms)	4.1	5.0	-18.0%
Occupied housing units	38,769	31,373	23.6%				
Vacant housing units	8,908	3,850	131.4%	<b>BEDROOMS</b>			
For seasonal, recreational, or occasional use	196	130	50.8%	<b>Total housing units</b>	47,677	35,223	35.4%
				No bedroom	3,860	591	553.1%
Homeowner vacancy rate (percent)	1.6	2.3	-30.4%	1 bedroom	7,685	3,309	132.2%
Rental vacancy rate (percent)	19.3	7.9	144.3%	2 bedrooms	15,311	11,578	32.2%
				3 bedrooms	14,443	14,451	-0.1%
<b>HOUSING TENURE</b>				4 bedrooms	4,945	4,418	11.9%
<b>Occupied housing units</b>	38,769	31,373	23.6%	5 or more bedrooms	1,433	876	63.6%
Owner-occupied housing units	18,747	14,308	31.0%				
Renter-occupied housing units	20,022	17,065	17.3%	<b>SOURCE OF WATER</b>			
				<b>Total housing units</b>	47,677	35,223	35.4%
Average household size of occupied units	3.89	3.69	5.4%	Public system only	46,734	34,958	33.7%
Average household size of owner-occupied units	4.32	4.28	0.9%	Public system and catchment	586	139	321.6%
Average household size of renter-occupied units	3.50	3.22	8.7%	Individual well	35	28	25.0%
				Catchment, tanks, or drums only	118	27	337.0%
<b>UNITS IN STRUCTURE</b>				Some other source	204	71	187.3%
<b>Total housing units</b>	47,677	35,223	35.4%				
1-unit, detached	24,470	19,420	26.0%	<b>SEWAGE DISPOSAL</b>			
1-unit, attached	8,505	6,395	33.0%	<b>Total housing units</b>	47,677	35,223	35.4%
2 units	1,634	1,060	54.2%	Public sewer	34,055	26,063	30.7%
3 or 4 units	2,292	1,424	61.0%	Septic tank or cesspool	12,381	8,116	52.6%
5 to 9 units	2,306	1,261	82.9%	Other means	1,241	1,044	18.9%
10 to 19 units	2,446	1,847	32.4%				
20 or more units	5,344	3,087	73.1%	<b>MATERIAL USED FOR OUTSIDE WALLS</b>			
Mobile home	395	471	-16.1%	<b>Total housing units</b>	47,677	35,223	35.4%
Container [2]	198	N/A	N/A	Poured concrete	12,996	10,136	28.2%
Boat, RV, van, etc. [2]	87	N/A	N/A	Concrete blocks	29,661	20,085	47.7%
Other [2]	N/A	258	N/A	Metal	2,541	2,882	-11.8%
				Wood	1,930	1,788	7.9%
				Other	549	332	65.4%

- Represents zero or rounds to zero. (X) Not applicable. (NA) Not available.

1. No printed 1990 comparable tables are available.

2. Significant design changes in the categories used to describe housing characteristics in 2000 made it impossible to distinguish actual differences in 1990 because of changes in questionnaire design.

Source: U.S. Bureau of the Census, Population and Housing Profile: 2000 Guam; 1990 Census of Population and Housing: Social, Economic, and Housing Characteristics Guam 1990 CPH-6-G

Prepared by: Guam Department of Commerce, Economic Research Center, State Data Center

**Table DP-01. Profile of General Demographic Characteristics for Guam: Comparison 1990 and 2000**

**Geography: Guam**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see the footnote below.

Subject	Number		%	Subject	Number		%
	2000	1990			2000	1990	
<b>MATERIAL USED FOR ROOF</b>				<b>SELECTED CHARACTERISTICS</b>			
<b>Total housing units</b>	47,677	35,223	35.4%	<b>Occupied housing units</b>	38,769	31,373	23.6%
Poured concrete	39,889	27,892	43.0%	Without telephone service	2,587	2,468	4.8%
Metal	6,036	6,354	-5.0%	Without a battery operated radio	3,953	2,114	87.0%
Wood	681	462	47.4%	<b>MORTGAGE STATUS AND</b>			
Other	1,071	515	108.0%	<b>SELECTED MONTHLY OWNER COSTS</b>			
<b>MATERIAL USED FOR FOUNDATION</b>				<b>Specified owner-occupied units</b>			
<b>Total housing units</b>	47,677	35,223	35.4%	With a mortgage	16,467	12,878	27.9%
Concrete	46,471	32,130	44.6%	Less than \$200	11,226	8,038	39.7%
Wood pier or pilings	962	2,833	-66.0%	\$200 to \$299	6	84	-92.9%
Other	244	260	-6.2%	\$300 to \$399	68	596	-88.6%
<b>SELECTED CHARACTERISTICS</b>				<b>Specified owner-occupied units</b>			
<b>Total housing units</b>	47,677	35,223	35.4%	\$400 to \$499	202	1,179	-82.9%
Lacking complete plumbing facilities	3,732	14,005	-73.4%	\$500 to \$599	375	1,115	-66.4%
Lacking complete kitchen facilities	4,400	2,449	79.7%	\$600 to \$799	506	1,068	-52.6%
Without air conditioning	8,320	10,954	-24.0%	\$800 to \$999	1,299	1,737	-25.2%
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>				<b>\$1,000 or more</b>			
<b>Occupied housing units</b>	38,769	31,373	23.6%	Median (dollars) [2]	1,239	806	53.7%
1999 to March 2000 [1]	10,635	N/A	N/A	Not mortgaged	5,241	4,840	8.3%
1995 to 1998 [1]	11,250	N/A	N/A	Median (dollars) [2]	251	142	76.8%
1990 to 1994 [1]	5,786	N/A	N/A	<b>SELECTED MONTHLY OWNER COSTS AS A</b>			
1980 to 1989 [1]	5,199	N/A	N/A	<b>PERCENTAGE OF HOUSEHOLD INCOME IN 1999</b>			
1970 to 1979	4,728	6,237	-24.2%	<b>Specified owner-occupied units</b>			
1969 or earlier	1,171	1,978	-40.8%	Less than 10.0 percent	16,467	12,878	27.9%
<b>VEHICLES AVAILABLE</b>				<b>Specified owner-occupied units</b>			
<b>Occupied housing units</b>	38,769	31,373	23.6%	10.0 to 14.9 percent	4,044	5,577	-27.5%
None	2,996	1,502	99.5%	15.0 to 19.9 percent	2,204	2,034	8.4%
1	14,180	11,065	28.2%	20.0 to 24.9 percent	2,123	1,612	31.7%
2	13,237	11,528	14.8%	25.0 to 29.9 percent	1,847	1,199	54.0%
3 or more	8,356	7,278	14.8%	30.0 to 34.9 percent	1,438	760	89.2%
Vehicles per household	1.8	1.9	-5.3%	35.0 percent or more	979	436	124.5%
<b>OCCUPANTS PER ROOM</b>				<b>Specified owner-occupied units</b>			
<b>Occupied housing units</b>	38,769	31,373	23.6%	Not computed	3,293	1,144	187.8%
1.00 or less	25,462	24,938	2.1%	<b>GROSS RENT</b>			
1.01 to 1.50	5,902	4,109	43.6%	<b>Renter-occupied units</b>			
1.51 or more	7,405	2,326	218.4%	Less than \$200	20,022	17,065	17.3%
<b>VALUE</b>				<b>Specified owner-occupied units</b>			
<b>Specified owner-occupied units</b>	16,467	12,878	27.9%	\$200 to \$299	236	946	-75.1%
Less than \$10,000	133	296	-55.1%	\$300 to \$399	567	1,026	-44.7%
\$10,000 to \$19,999	178	248	-28.2%	\$400 to \$599	869	1,189	-26.9%
\$20,000 to \$29,999	126	244	-48.4%	\$600 to \$799	2,577	3,125	-17.5%
\$30,000 to \$39,999	126	200	-37.0%	\$800 to \$999	3,670	2,356	55.8%
\$40,000 to \$59,999	362	671	-46.1%	\$1,000 or more	2,871	1,114	157.7%
\$60,000 to \$79,999	574	1,260	-54.4%	No cash rent	4,030	944	326.9%
\$80,000 to \$99,999	591	1,469	-59.8%	Median (dollars) [2]	5,202	6,365	-18.3%
\$100,000 to \$149,999	2,969	3,362	-11.7%	<b>GROSS RENT AS A PERCENTAGE OF</b>			
\$150,000 to \$199,999	5,702	2,381	139.5%	<b>HOUSEHOLD INCOME IN 1999</b>			
\$200,000 to \$299,999	3,783	1,559	142.7%	<b>Renter-occupied units</b>			
\$300,000 to \$499,999	1,256	775	62.1%	Less than 10.0 percent	20,022	17,065	17.3%
\$500,000 or more	667	413	61.5%	10.0 to 14.9 percent	748	995	-24.8%
Median (dollars) [2]	171,869	175,975	-2.3%	15.0 to 19.9 percent	1,532	1,416	8.2%
				20.0 to 24.9 percent	1,846	1,579	16.9%
				25.0 to 29.9 percent	1,661	1,313	26.5%
				30.0 to 34.9 percent	1,289	1,059	21.7%
				35.0 percent or more	1,003	774	29.6%
				Not computed	5,431	3,257	66.7%
					6,512	307	2021.2%

- Represents zero or rounds to zero. (X) Not applicable. (NA) Not available.

1. No printed 1990 comparable tables available.

2. Census Bureau inflation adjustment rate of 1.348468 used to adjust 1989 dollars in 1990 Census results to 2000 dollars for comparability.

Source: U.S. Bureau of the Census, Population and Housing Profile: 2000 Guam; 1990 Census of Population and Housing: Social, Economic, and Housing Characteristics Guam 1990 CPH-6-G

Prepared by: Guam Department of Commerce, Economic Research Center, State Data Center

# APPENDIX

## Pacific Islands Profile Subject Definitions User Update 1

**Source:** *Population and Housing Profile: 2000 - Guam*, Bureau of the Census  
(<http://www.census.gov/census2000/guam.html>)

# Pacific Islands Profile Subject Definitions

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## NOTE TO ALL DATA USERS

To maintain confidentiality, the Census Bureau applies statistical procedures that introduce some uncertainty into data for small geographic areas. Census results contain nonsampling error. Researchers who create their own estimates using data from Census 2000 should cite the Census Bureau as the source of the original data only.

## SUBJECT DEFINITIONS

**Age.** The age classification is based on the age of the person in complete years as of April 1, 2000. The age of the person usually was derived from their date of birth information. Their reported age was used only when date of birth information was unavailable.

**Air conditioning.** Air conditioning is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers, which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation that air conditions a number of rooms. In an apartment building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central system with individual room controls is a "central air-conditioning system." A "room unit" is an individual air conditioner that is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

**Armed Forces.** People on active duty with the U.S. Army, Air Force, Navy, Marine Corps, or Coast Guard.

**Average family size.** A measure obtained by dividing the number of people in families by the total number of families (or family householders).

**Average household size.** A measure obtained by dividing the number of people in households by the total number of households (or householders).

**Average household size of owner-occupied units.** A measure obtained by dividing the number of people living in owner-occupied housing units by the total number of owner-occupied housing units.

**Average household size of renter-occupied units.** A measure obtained by dividing the number of people living in renter-occupied housing units by the total number of renter-occupied housing units.

**Battery operated radio.** Battery operated radios include car radios, transistors, and other battery operated radio sets in working order or needing only a new battery for operation.

**Bedrooms.** The count of rooms that would be listed as bedrooms if the house, apartment, or mobile home were on the market for sale or for rent.

**Child.** A child includes a son or daughter by birth, a stepchild, or an adopted child of the householder, regardless of the child's age or marital status.

**Citizenship status.** U.S. citizens include people born as citizens and people who acquire citizenship through naturalization. All natives are U.S. citizens at birth. A foreign-born person is classified as either a "Naturalized citizen" or "Not a citizen." (For more information, see "Native" and "Foreign born.")

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**Class of worker.** The class of worker refers to the same job as the respondent's industry and occupation, categorizing people according to the type of ownership of the employing organization. Class of worker categories are private wage and salary workers, employees in own incorporated business, government workers, self-employed in own not incorporated business workers, and unpaid family workers. Private wage and salary workers includes private-for-profit and private not-for-profit employees. Government workers includes local or territorial/commonwealth and federal government employees. Self-employed in own incorporated business are included with private wage and salary workers and are shown separately because they are paid employees of their own companies; whereas, self-employed in own not incorporated business includes people who work in their own unincorporated business, profession, or trade, or who operated a farm. Unpaid family workers includes people who work 15 hours or more without pay in a business or on a farm operated by a relative.

**Commuting to work.** Means of transportation to work refers to the principal mode of travel or type of conveyance that the worker usually used to get from home to work during the reference week. The category "Car, truck, or van — drove alone" includes people who usually drove alone to work, as well as people who were driven to work by someone who then drove back home or to a nonwork destination during the reference week. The category "Car, truck, or van — carpooled" includes workers who reported that two or more people usually rode to work in the vehicle during the reference week. The category "Public transportation (including taxicab)" includes workers who usually used a public van/bus, boat, or taxicab during the reference week. The category "Other means" includes workers who used a mode of travel that is not identified separately.

**Cooking facilities.** Main cooking facilities are the ones that are used most often for preparation of meals. They can be located either inside or outside the building. Cooking facilities are classified as (1) electric stove; (2) kerosene stove; (3) gas stove; (4) microwave oven and nonportable burners; (5) microwave oven only; or (6) other, depending upon the type of stove used for cooking. "Other" includes hotplate, fireplace, or any other type of cooking facility not listed separately. "No cooking facilities" includes those units with no cooking facilities available either inside or outside the building.

**Disability status.** People 5 years old and over are considered to have a disability if they have one or more of the following: (a) blindness, deafness, or a severe vision or hearing impairment; (b) a substantial limitation in the ability to perform basic physical activities, such as walking, climbing stairs, reaching, lifting, or carrying; (c) difficulty learning, remembering, or concentrating; or (d) difficulty dressing, bathing, or getting around inside the home. In addition to the above criteria, people 16 years old and over are considered to have a disability if they have difficulty going outside the home alone to shop or visit a doctor's office, and people 16-64 years old are considered to have a disability if they have difficulty working at a job or business.

Note: The Census Bureau discourages any comparison between the disability data from Census 2000 and that from the 1990 Census. Significant design changes in the disability items made it impossible to distinguish actual differences in the population from differences because of questionnaire design.

**Earnings.** Earnings is defined as the sum of wage and salary income and net income from self-employment. Earnings represents the amount of income received regularly before deductions for personal income taxes, social security, bond purchases, union dues, medicare deductions, etc.

**Educational attainment.** Educational attainment is the highest degree or level of school completed. The category "Associate degree" includes people whose highest degree is an associate degree, which generally requires two years of college-level work and is either in an occupational program that prepares them for a specific occupation or an academic program primarily in the arts and sciences. The course work may or may not be transferrable to a bachelor's degree. Master's degrees include the traditional MA and MS degrees and field-specific degrees, such as MSW, MEd, MBA, MLS, and MEng. Some examples of professional degrees include medicine, dentistry, chiropractic, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology. Vocational and technical training, such as that in barber school; business, trade, technical, and vocational schools; or other training for a specific trade are specifically excluded.

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**Employed.** All civilians 16 years old and over who are either (1) “at work” - those who did any work at all during the reference week as paid employees, worked in their own business or profession, worked on their own farm, or worked 15 hours or more as unpaid workers on a family farm or in a family business; or (2) are “with a job, but not at work” - those who did not work during the reference week, but had jobs or businesses from which they were temporarily absent. Excluded from the employed are people whose only activity consisted of work around their own house (painting, repairing, or own home housework) or unpaid volunteer work for religious, charitable, and similar organizations. Also excluded are people on active duty in the U.S. Armed Forces. People who did subsistence activity only during the reference week are not classified as “employed” unless they were “with a job but not at work.” The reference week is the full calendar week preceding the date on which the respondent completed the questionnaire or was interviewed by enumerators. (For more information, see “Labor force” and “Unemployed.”)

**Ethnic origin or race.** Ethnic origin or race refers to an individual’s origin or descent, “roots,” heritage, or place where the individual or individual’s parents or ancestors were born. The question was based on self-identification and was open-ended (respondents were required to provide the answer). A large number of people reported their ethnic origin or race by specifying a single ethnic group, but some reported two ethnic groups.

**Family household (family).** A family includes a householder and one or more people living in the same household who are related to the householder by birth, marriage, or adoption. All people in a household who are related to the householder are regarded as members of his or her family. A family household may contain people not related to the householder, but those people are not included as part of the householder’s family in census tabulations. Thus, the number of family households is equal to the number of families, but family households may include more members than do families. A household can contain only one family for purposes of census tabulations. Not all households contain families since a household may comprise a group of unrelated people or one person living alone.

**Female householder, no husband present.** A female maintaining a household with no husband of the householder present.

**Fertility.** This question was asked of women 15 years old and over regardless of marital status. Stillbirths, stepchildren, and adopted children were excluded from the number of children ever born. Ever-married women were instructed to include all children born to them before and during their most recent marriage, children no longer living, and children away from home, as well as children who were still living in the home. Never-married women were instructed to include all children born to them.

**Foreign born.** The foreign-born population includes all people who were not U.S. citizens (or U.S. nationals) at birth. (For more information, see “Native.”)

**Full-time, year-round workers.** This category consists of people 16 years old and over who usually worked 35 hours or more per week for 50 to 52 weeks in 1999.

**Grandparents as caregivers.** Data were collected on whether a grandchild lives in the household, whether the grandparent has responsibility for the basic needs of the grandchild, and the duration of that responsibility. The data on grandparents as caregivers were derived from answers to questions asked of the population 15 years old and over. Because of the very few numbers of people under 30 years being grandparents, data are only shown for people 30 years and over.

**Gross rent.** Gross rent is monthly contract rent plus the estimated average monthly cost of utilities and fuels, if these are paid by the renter.

**Gross rent as a percentage of household income in 1999.** A computed ratio of monthly gross rent to monthly household income (total household income in 1999 divided by 12). Units for which no cash rent is paid and units occupied by households that reported no income or a net loss in 1999 comprise the category “Not computed.”

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**Group quarters population.** The group quarters population includes all people not living in housing units. Two general categories of people in group quarters are recognized: (1) the institutionalized population, which includes people under formally authorized, supervised care or custody in institutions at the time of enumeration (such as correctional institutions, nursing homes, and juvenile institutions), and (2) the noninstitutionalized population, which includes all people who live in group quarters other than institutions (such as college dormitories, military quarters, and group homes).

**Homeowner vacancy rate.** The homeowner vacancy rate is the proportion of the homeowner housing inventory that is vacant for sale. It is computed by dividing the number of vacant units for sale only by the sum of owner-occupied units and vacant units that are for sale only, and then multiplying by 100. (For more information, see "Vacant housing unit.")

**Household.** A household includes all of the people who occupy a housing unit. People not living in households are classified as living in group quarters.

**Householder.** In most cases, the householder is the person, or one of the people, in whose name the home is owned, being bought, or rented and who is listed as Person 1 on the census questionnaire. If there is no such person in the household, any adult household member 15 years old and over could be designated as the householder (i.e., Person 1).

**Housing unit.** A housing unit may be a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live separately from any other individuals in the building and that have direct access from outside the building or through a common hall.

**Income in 1999.** Information on money income received in calendar year 1999 was requested from individuals 15 years and over. "Total Income" is the sum of the amounts reported separately for wage or salary income; net self-employment income; interest, dividends, or net rental or royalty income; social security or railroad retirement income; supplemental security income (SSI); public assistance or welfare payments; retirement or disability income; remittance income; and all other income.

Receipts from the following sources are not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); capital gains; the value of income "in kind" from food stamps, public housing subsidies, medical care, employer contributions for individuals, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; and gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover calendar year 1999, the characteristics of individuals and the composition of households/families refer to the time of enumeration. Thus, the income of the household or family does not include amounts received by individuals who were members of the household/family during all or part of the calendar year 1999 if these individuals no longer resided with the household/family at the time of enumeration. Similarly, income amounts reported by individuals who did not reside with the household/family during 1999 but who were members of the household/family at the time of enumeration are included. However, the composition of most households/families was the same during 1999 as at the time of enumeration.

**Income of families.** In compiling statistics on family income, the incomes of all members 15 years old and over in each family are summed and treated as a single amount.

**Income of households.** Includes the income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income.

### **Income Type in 1999**

**Wage or salary income.** Wage or salary income includes total money earnings received for work performed as an employee during calendar year 1999. It includes wages, salary, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, pensions, union dues, etc.

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**Self-employment income.** Self-employment income includes both farm and nonfarm self-employment income:

*Nonfarm self-employment income.* Nonfarm self-employment income includes net money income (gross receipts minus expenses) from one's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation, charges, wages and salaries paid, business taxes (not personal income taxes), etc.

*Farm self-employment.* Farm self-employment income includes net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his or her own account, as an owner, renter, or sharecropper. Gross receipts include the value of all products sold; government farm programs; money received from the rental of farm equipment to others; and incidental receipts from the sale of wood, sand, gravel, etc. Operating expenses include cost of feed, fertilizer, seed, and other farming supplies; cash wages paid to farmhands; depreciation charges; cash rent; interest on farm mortgages; farm building repairs; farm taxes (not state and federal personal income taxes), etc. The value of fuel, food, or other farm products used for family living is not included as part of net income.

**Interest, dividends, or net rental income.** Interest, dividends, or net rental income includes interests on savings or bonds, dividends from stockholdings or membership in associations, net income from rental of property to others and receipts from boarders or lodgers, net royalties, and periodic payments from an estate or trust fund.

**Social security income.** Social security income includes social security pensions and survivors benefits and permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance, and railroad retirement insurance checks from the U.S. government. Medicare reimbursements are not included.

**Supplemental security income (SSI).** Supplemental security income is a nationwide federal assistance program administered by the Social Security Administration that guarantees a minimum level of income for needy aged, blind, or disabled individuals.

**Public assistance income.** Public assistance income includes general assistance and temporary assistance to needy families (TANF). Separate payments received for hospital or other medical care (vendor payments) are excluded. This does not include supplemental security income (SSI).

**Retirement or disability income.** Retirement or disability income includes: (1) retirement pensions and survivor benefits from a former employer; labor union; or federal, state, or local government; and the U.S. military; (2) income from workers' compensation; disability income from companies or unions; federal, state, or local government; and the U.S. military; (3) periodic receipts from annuities and insurance; and (4) regular income from IRA and KEOGH plans. This does not include social security income.

**Remittance income.** Includes money received from relatives who are: (1) civilians living outside the household or (2) in the military outside the household; for example, allotments.

**All other income.** All other income includes unemployment compensation, Veterans' Administration (VA) payments, alimony and child support, contributions received periodically from people not living in the household, military family allotments, and other kinds of periodic income other than earnings.

**Industry.** Information on industry relates to the kind of business conducted by a person's employing organization. For employed people, the data refer to the person's job during the reference week. For those who worked at two or more jobs, the data refer to the job at which the person worked the greatest number of hours. For example, agriculture includes farms and planting crops production; forestry, fishing, and hunting; construction; manufacturing includes fish cannery and watchmaker; sales include wholesale and retail; and public administration includes government.



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**Institutionalized population.** The institutionalized population includes people under formally authorized, supervised care or custody in institutions at the time of enumeration. (For more information, see “Group quarters population.”)

**Kitchen facilities.** A unit has complete kitchen facilities when the following facilities are located in the same building as the living quarters being enumerated: (1) a sink with piped water, (2) electric, kerosene, or gas stove, microwave oven and non-portable burners, or cookstove, and (3) a refrigerator. They need not be in the same room.

Units lacking complete kitchen facilities include those units where all three specified conditions are present, but the equipment is located in a different building, unless the building is a *fale*, which together with other *fales*, constitute one housing unit (as in American Samoa); some, but not all of the facilities are present; or none of the three specified kitchen facilities are present in the same building as the living quarters being enumerated.

**Labor force.** The labor force includes all people classified in the civilian labor force (that is, “employed” and “unemployed” people) plus members of the U.S. Armed Forces (people on active duty in the U.S. Army, Air Force, Navy, Marine Corps, and Coast Guard). (For more information, see “Employed” and “Unemployed.”)

**Language spoken at home and frequency of language usage.** The population who speaks a language other than English includes only those who sometimes or always speak a language other than English at home. It does not include those who speak a language other than English only at school or work, or those who were limited to only a few expressions or slang of the other language. Most people who speak another language at home also speak English. People who speak a language other than English at home estimated the frequency they speak the other language relative to English.

**Marital status.** Each person is asked whether they are “now married,” “widowed,” “divorced,” “separated,” or “never married.” Couples who live together (for example, people in common-law marriages) are able to report the marital status they considered the most appropriate.

**Married-couple family.** A family in which the householder and his or her spouse are enumerated as members of the same household.

**Material used for foundation.** Housing units were classified according to the type of material used most in the construction of the foundation of the structure. The categories for types of material are: (1) “Concrete”; (2) “Wood pier or pilings”; or (3) “Other,” for all types of construction materials which cannot be described by any of the other specific categories or if there is no foundation.

**Material used for outside walls.** Housing units were classified according to the type of material used most in the construction of the outside walls of the structure. The categories for types of material are: (1) “Poured concrete”; (2) “Concrete blocks” (the wall may be covered with plaster cement); (3) “Metal,” including zinc, steel, tin, etc.; (4) “Wood,” including wallboards, plywood, etc.; or (5) “Other,” for all other types of construction materials that cannot be described by any of the other specific categories or if there are no walls.

**Material used for roof.** Housing units were classified according to the type of material used most in the construction of the roof of the structure. The categories for types of material are: (1) “Poured concrete”; (2) “Metal,” including zinc, steel, tin, etc.; (3) “Wood,” including wallboards, plywood, etc.; or (4) “Other,” for all other types of construction materials that cannot be described by any of the other specific categories.

**Mean earnings.** See “Mean income.”

**Mean income.** Mean income is the amount obtained by dividing the total income of a particular statistical universe by the number of units in that universe. Thus, mean household income is obtained by dividing total household income by the total number of households. For the various types of income, the means are based on households having those types of income.

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Care should be exercised in using and interpreting mean income values for small subgroups of the population. Because the mean is influenced strongly by extreme values in the distribution, it is especially susceptible to the effects of sampling variability, misreporting, and processing errors. The median, which is not affected by extreme values, is, therefore, a better measure than the mean when the population base is small.

**Mean public assistance income.** See “Mean income.”

**Mean retirement income.** See “Mean income.”

**Mean social security income.** See “Mean income.”

**Mean supplemental security income.** See “Mean income.”

**Mean travel time to work (minutes).** Mean travel time to work is the average travel time in minutes that workers usually took to get from home to work (one-way) during the reference week. This measure is obtained by dividing the total number of minutes taken to get from home to work by the number of workers 16 years old and over who did not work at home. The travel time includes time spent waiting for public transportation, picking up passengers in carpools, and time spent in other activities related to getting to work.

**Means of transportation to work.** See “Commuting to work.”

**Median age.** This measure divides the age distribution into two equal parts: one-half of the cases falling below the median value and one-half above the value. Median age is computed on the basis of a single year of age distribution.

**Median earnings for full-time, year-round workers.** The median divides the earnings distribution into two equal parts, one-half of the cases falling below the median and one-half above the median. Median earnings for full-time, year-round workers is based on individuals 16 years and over with earnings who usually worked 35 hours or more per week for 50 to 52 weeks in 1999. This measure is rounded to the nearest dollar. (For more information, see “Earnings.”)

**Median gross rent.** The median divides the gross rent distribution (rent, plus utilities, if paid separately from rent) into two equal parts, one-half of the cases falling below the median gross rent and one-half above the median. This measure is rounded to the nearest whole dollar. Housing units that are renter occupied without payment of cash rent are excluded in the calculation of median gross rent.

**Median income.** The median divides the income distribution into two equal parts, one-half of the cases falling below the median income and one-half above the median. For households and families, the median income is based on the distribution of the total number of households or families including those with no income. The median for individuals is based on individuals 15 years and over with income. This measure is rounded to the nearest whole dollar.

**Median rooms.** The median divides the room distribution into two equal parts, one-half of the cases falling below the median number of rooms and one-half above the median. In computing median rooms, the whole number is used as the midpoint of the interval; thus, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. This measure is rounded to the nearest tenth.

**Median selected monthly owner costs.** The median divides the selected monthly owner costs into two equal parts, one-half of the cases falling below the median selected monthly owner costs and one-half above the median. This measure is rounded to the nearest whole dollar.

**Median value.** The median divides the value distribution into two equal parts, one-half of the cases falling below the median value of the property (house and lot, mobile home and lot, or condominium unit) and one-half above the median. This measure is rounded to the nearest hundred dollars. (For more information, see “Specified owner-occupied units.”)

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**Mortgage status.** “Mortgage” refers to all forms of debt where the property is pledged as security for repayment of the debt, including deeds of trust, trust deed, contracts to purchase, land contracts, junior mortgages, and home equity loans. (For more information, see “Selected monthly owner costs.”)

**Native.** The native population includes people born in the United States, Puerto Rico, or the U.S. Island Areas. People who were born in a foreign country but have at least one American parent also are included in this category. This category also includes people born in American Samoa who are U.S. nationals, not U.S. citizens. (For more information, see “Foreign born.”)

**No telephone service.** See “Telephone.”

**Nonfamily household.** A household consisting of a householder living alone or with nonrelatives only.

**Noninstitutionalized population.** All people who live in group quarters other than institutions. Also, included are staff residing at institutional group quarters. (For more information, see “Group quarters population.”)

**Nonrelative.** Any household member who is not related to the householder by birth, marriage, or adoption, including foster children.

**Occupants per room.** Occupants per room is obtained by dividing the number of people in each occupied housing unit by the number of rooms in the unit. Occupants per room is rounded to the nearest hundredth.

**Occupation.** Occupation describes the kind of work the person does on the job, such as repairing machinery and making watches. For employed people, the data refer to the person’s job during the reference week. For those who worked at two or more jobs, the data refer to the job at which the person worked the greatest number of hours during the reference week.

**Occupied housing unit.** A housing unit is classified as occupied if it is the usual place of residence of the person or group of people living in it at the time of enumeration, or if the occupants are only temporarily absent; that is, away on vacation or business.

**Other relative.** Any household member related to the householder by birth, marriage, or adoption, but not included specifically in another relationship category.

**Own child.** A never-married child under 18 years old who is a son or daughter of the householder by birth, marriage (a stepchild), or adoption. In tabulations of own children by employment status of parents, the number of “own children” includes children in families and subfamilies and may, therefore, differ from other household by type tabulations.

**Owner-occupied housing unit.** A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for.

**Per capita income.** Per capita income is the mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population in that group.

**Place of birth and parent’s place of birth.** The place of birth, father’s place of birth, and mother’s place of birth questions asked for the name of the island, the U.S. state, or the foreign country where each person was born according to current international boundaries. (For more information, see “Foreign born” and “Native.”)

**Plumbing facilities.** A unit has complete plumbing facilities when piped water (either hot or cold), a flush toilet, and a bathtub or shower are located in the housing unit being enumerated. In the Commonwealth of the Northern Mariana Islands and American Samoa, all three facilities need only to be in the building of the unit being enumerated.

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**Poverty status in 1999.** Poverty is measured by using 48 thresholds that vary by family size and number of children within the family and age of the householder. To determine whether a person is poor, one compares the total income of that person's family with the threshold appropriate for that family. If the total family income is less than the threshold, then the person is considered poor, together with every member of his or her family.

Not every person is included in the poverty universe: institutionalized people, people in military group quarters, people living in college dormitories, and unrelated individuals under 15 years old are considered neither as "poor" nor as "nonpoor," and are excluded from both the numerator and the denominator when calculating poverty rates.

The Office of Management and Budget (OMB) mandates that all federal agencies (including the Census Bureau) use this poverty definition for statistical purposes (OMB Statistical Policy Directive 14, May 1978).

**Reference week.** The data on employment status and commuting to work are related to a one-week time period, known as the reference week. For each person, this week is the full calendar week, Sunday through Saturday, preceding the date the questionnaire was completed. This calendar week is not the same for all people since the enumeration was not completed in one week.

**Related children.** Related children include all people under 18 years old related to the householder, regardless of their marital status. Excluded are spouses of householders.

**Rental vacancy rate.** The proportion of the rental inventory that is vacant for rent. It is computed by dividing the number of vacant units for rent by the sum of the renter-occupied units and the number of vacant units for rent, and then multiplying by 100.

**Renter-occupied housing unit.** All occupied housing units that are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied. Housing units in "continuing care" or life care facilities are included in the "rented for cash rent" category.

**Residence in 1995.** The residence in 1995 question asked for the island and village or the U.S. state or the foreign country where each person lived on April 1, 1995, for those people who lived in a different house than their current residence on that date.

**Rooms.** The data on rooms were obtained from both occupied and vacant housing units. The intent of this question is to count the number of whole rooms used for living purposes.

For each unit, rooms include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls or foyers, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling, but not if the partition consists solely of shelves or cabinets.

**School enrollment.** People are classified as enrolled in school if they reported attending a "regular" public or private school or college at anytime between February 1, 2000, and the time of enumeration. The question includes instructions to "include only pre-kindergarten, kindergarten, elementary school, and schooling that would lead to a high school diploma or college degree" as regular school. Tutoring or correspondence school counts if credit can be obtained in a "regular school." Schools supported and controlled primarily by a local, county, state, or federal government are defined as public. Those supported and controlled primarily by religious organizations or other private groups are private.

People who are enrolled also report the level in which they are enrolled, from pre-kindergarten through college undergraduate years and graduate and professional school. Vocational, trade, and business schools are not included.

**Seasonal, recreational, or occasional use housing unit.** Seasonal, recreational, or occasional use housing units include vacant units used or intended for use only in certain seasons, for weekends, or other occasional use throughout the year. Interval ownership units, sometimes called shared ownership or time-sharing condominiums are included in this category. (For more information, see "Vacant housing unit.")

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**Selected monthly owner costs.** Selected monthly owner costs are the sum of payments for mortgages, deeds of trust, contracts to purchase, or similar debts on the property; real estate taxes; fire, hazard, and flood insurance on the property; utilities; and fuels. It also includes, where appropriate, the monthly condominium fees.

**Selected monthly owner costs as a percentage of household income in 1999.** Selected monthly owner costs as a percentage of household income is the computed ratio of selected monthly owner costs to monthly household income in 1999. The ratio was computed separately for each unit and rounded to the nearest whole percentage. Units occupied by households reporting no income or a net loss in 1999 are included in the “Not computed” category.

**Sewage disposal.** A public sewer may be operated by a government body or by a private organization. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. “Other means” includes housing units that dispose of sewage in some other way.

**Sex.** The data on sex were derived from answers to a question that was asked of all people. Individuals were asked to mark either “male” or “female” to indicate their sex. For most cases in which sex was not reported, it was determined by the appropriate entry from the person’s given (i.e., first) name and household relationship. Otherwise, sex was imputed according to the relationship to the householder and the age of the person.

**Source of water.** A common source supplying water through underground pipes to five or more units is classified as “a public system only.” The water may be supplied by a municipal water system, water district, water company, etc., or it may be obtained from a well that supplies water to five or more housing units. A source of water may be “a public system and catchment” if there is running water that comes from a public system and a catchment is also used. If the water is supplied from a well on the property or a neighboring property serving four or fewer housing units, the units are classified as having water supplied by “an individual well.” A source of water may be a “catchment, tanks, or drums only” if the source of water is a catchment, tanks, or drums, in which rainwater is collected. “Some other source” includes water obtained from springs, creeks, rivers, irrigation canals, etc. In American Samoa only, there may be village water systems. “A village water system only” is defined as running water supplied through underground pipes by a village water system or as water supplied by a well that is maintained by the village.

**Specified owner-occupied units.** Specified owner-occupied units are owner-occupied, one-family, attached and detached houses without a business or medical office on the property.

**Spouse.** A person who is married to and living with the householder. This category includes people in formal marriages, as well as people in common-law marriages.

**Subsistence activity.** People were engaged in subsistence activities if he or she mainly produced goods for his or her own or family’s use and needs, such as growing/gathering food, fishing, cutting copra for home use, raising livestock, making handicrafts for home use, and other productive activities not primarily for commercial purposes. When subsistence activity categories are shown with the “Employed” and the “Not in labor force” categories of the employment status concept, they relate to activities engaged in during the census reference week. People who did subsistence activity only during the reference week are not classified as “employed,” unless they were “with a job but not at work.” (For more information, see “Employed.”)

**Telephone.** Households with telephone service have a telephone in working order and are able to make and receive calls.

**Tenure.** All occupied housing units are classified as either owner occupied or renter occupied. A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for. All occupied housing units that are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied.

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**Unemployed.** Civilians 16 years old and over are classified as unemployed if they (1) were neither “at work” nor “with a job but not at work” during the reference week, (2) were looking for work during the last four weeks, and (3) were available to start a job. Also included as unemployed are civilians 16 years old and over who did not work at all during the reference week, were on temporary layoff from a job, expected to be recalled to work within the next 6 months or had been given a date to return to work, and were available for work during the reference week. (For more information, see “Employed” and “Labor force.”)

**Units in structure.** The data on units in structure (also referred to as “type of structure”) were obtained from both occupied and vacant housing units. A structure is a separate building that either has open spaces on all sides or is separated from other structures by dividing walls that extend from ground to roof. In determining the number of units in a structure, all housing units, both occupied and vacant, are counted. Stores and office space are excluded. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings.

**Unmarried partner.** An unmarried partner is a person who is not related to the householder, who shares living quarters with and has a close personal relationship with the householder.

**Unrelated individuals.** Unrelated individuals include: (1) a householder living alone or with nonrelatives only, (2) a household member who is not related to the householder, or (3) a person living in group quarters who is not an inmate of an institution.

**Vacant housing unit.** A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by people who have a usual residence elsewhere are also classified as vacant. (For more information, see “Housing unit.”)

**Value.** Value is the respondent’s estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale.

**Vehicles available.** Vehicles available are the number of passenger cars, vans, and pick-up or panel trucks of one-ton capacity or less kept at home and available for use by household members.

**Veteran status.** A “civilian veteran” is a person 18 years old or over who, at the time of enumeration, had previously served on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard in the past (even for a short time), but was not then on active duty, or who had served in the Merchant Marine during World War II. People who had served in the National Guard or military Reserves are classified as veterans only if they had ever been called or ordered to active duty, not counting the four to six months for initial training or yearly summer camps.

**Workers.** Workers 16 years and over are members of the Armed Forces and civilians who were at work during the reference week. (For more information, see “Place of work” and “Reference week.”)

**Year householder moved into unit.** Year householder moved into unit is the year of the latest move by the householder. If the householder moved back into a housing unit he or she previously occupied, the year of the latest move was reported. The intent is to establish the year the present occupancy began.

**Year of entry.** The year in which a person born outside this area came to live in this area.

**Year structure built.** The data on year structure built are obtained from both occupied and vacant housing units. Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The data relate to the number of units built during the specified periods that were still in existence at the time of enumeration.



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## **DERIVED MEASURES**

### **Average**

See “Mean.”

### **Interpolation**

Interpolation frequently is used in calculating medians or quartiles based on interval data and in approximating standard errors from tables. Linear interpolation is used to estimate values of a function between two known values. “Pareto interpolation” is an alternative to linear interpolation. In Pareto interpolation, the median is derived by interpolating between the logarithms of the upper and lower income limits of the median category. It is used by the Census Bureau in calculating median income within intervals wider than \$2,500.

### **Mean**

This measure represents an arithmetic average of a set of values. It is derived by dividing the sum (or aggregate) of a group of numerical items by the total number of items in that group. For example, mean household earnings is obtained by dividing the aggregate of all earnings reported by individuals with earnings in households by the total number of households with earnings. (Additional information on means is included in the separate explanations of many population and housing subjects.)

### **Median**

This measure represents the middle value (if  $n$  is odd) or the average of the two middle values (if  $n$  is even) in an ordered list of  $n$  data values. The median divides the total frequency distribution into two equal parts: one-half of the cases falling below the median and one-half above the median. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in specific census publications and other data products. (See also “Interpolation.”)

### **Percentage**

This measure is calculated by taking the number of items in a group possessing a characteristic of interest and dividing by the total number of items in that group, and then multiplying by 100.

### **Rate**

This is a measure of occurrences in a given period of time divided by the possible number of occurrences during that period. Rates are sometimes presented as percentages.

## **FOR MORE INFORMATION**

The Population and Housing Profile data also are available through the American FactFinder®, which can be accessed from the Census Bureau’s Internet site at [www.census.gov](http://www.census.gov). The most efficient way to order this product is to access the CATALOG at [www.census.gov](http://www.census.gov) to use the e-commerce option. However, you may also place an order by calling 301-763-INFO (4636), faxing your order to 888-249-7295, or e-mailing your order to [webmaster@census.gov](mailto:webmaster@census.gov). We accept American Express, Discover, MasterCard, and Visa.

If you wish to pay by check, send your order to U.S. Department of Commerce, U.S. Census Bureau (MS 0801), PO Box 277943, Atlanta, GA 30384-7943. Make your check payable to Commerce-Census.

# Population and Housing Profile User Update 1

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## **GUAM**

By definition, all people living in group quarters are classified as "did no subsistence activity." Therefore, these people are excluded from the "Subsistence activity" lines shown in the Employment Status section.

February 2002



# HISTORICAL DATA

**Guam Census of Population and Housing: Population 1970 to 2000**  
**Guam Census of Population and Housing: Housing 1970 to 2000**

**Source:** *Census of Population and Housing*, Bureau of the Census, U.S. Department of Commerce

## Guam Census of Population and Housing - Population: 1970, 1980, 1990 and 2000

GUAM	Population: 1970, 1980, 1990 and 2000				Numeric Change			Percent Change			Annual Growth Rate *			
	01-Apr-70	01-Apr-80	01-Apr-90	01-Apr-00	70-80	80-90	90-00	70-80	80-90	90-00	70-80	80-90	90-00	
<b>TOTAL POPULATION</b>	<b>84,996</b>	<b>105,979</b>	<b>133,152</b>	<b>154,805</b>	<b>20,983</b>	<b>27,173</b>	<b>21,653</b>	<b>24.69%</b>	<b>25.64%</b>	<b>16.26%</b>	<b>2.21%</b>	<b>2.28%</b>	<b>1.51%</b>	
<b>VILLAGE</b>														
Agana Heights	3,156	3,284	3,646	3,940	128	362	294	4.06%	11.02%	8.06%	0.40%	1.05%	0.78%	
Agat	4,308	3,999	4,960	5,656	-309	961	696	-7.17%	24.03%	14.03%	-0.74%	2.15%	1.31%	
Asan-Maina	2,629	2,034	2,070	2,090	-595	36	20	-22.63%	1.77%	0.97%	-2.57%	0.18%	0.10%	
Barrigada	6,356	7,756	8,846	8,652	1,400	1,090	-194	22.03%	14.05%	-2.19%	1.99%	1.31%	-0.22%	
Chalan Pago-Ordot	2,931	3,120	4,451	5,923	189	1,331	1,472	6.45%	42.66%	33.07%	0.62%	3.55%	2.86%	
Dededo	10,780	23,644	31,728	42,980	12,864	8,084	11,252	119.33%	34.19%	35.46%	7.85%	2.94%	3.04%	
Hagåtña	2,119	896	1,139	1,100	-1,223	243	-39	-57.72%	27.12%	-3.42%	-8.61%	2.40%	-0.35%	
Inarajan	1,897	2,059	2,469	3,052	162	410	583	8.54%	19.91%	23.61%	0.82%	1.82%	2.12%	
Mangilao	3,228	6,840	10,483	13,313	3,612	3,643	2,830	111.90%	53.26%	27.00%	7.51%	4.27%	2.39%	
Merizo	1,529	1,663	1,742	2,163	134	79	421	8.76%	4.75%	24.17%	0.84%	0.46%	2.16%	
Mongmong-Toto-Maite	6,057	5,245	5,845	5,845	-812	600	0	-13.41%	11.44%	0.00%	-1.44%	1.08%	0.00%	
Piti	1,284	2,866	1,827	1,666	1,582	-1,039	-161	123.21%	-36.25%	-8.81%	8.03%	-4.50%	-0.92%	
Santa Rita	8,109	9,183	11,857	7,500	1,074	2,674	-4,357	13.24%	29.12%	-36.75%	1.24%	2.56%	-4.58%	
Sinajana	3,506	2,485	2,658	2,853	-1,021	173	195	-29.12%	6.96%	7.34%	-3.44%	0.67%	0.71%	
Talofofo	1,935	2,006	2,310	3,215	71	304	905	3.67%	15.15%	39.18%	0.36%	1.41%	3.31%	
Tamuning	10,218	13,580	16,673	18,012	3,362	3,093	1,339	32.90%	22.78%	8.03%	2.84%	2.05%	0.77%	
Umatac	813	732	897	887	-81	165	-10	-9.96%	22.54%	-1.11%	-1.05%	2.03%	-0.11%	
Yigo	11,542	10,359	14,213	19,474	-1,183	3,854	5,261	-10.25%	37.20%	37.02%	-1.08%	3.16%	3.15%	
Yona	2,599	4,228	5,338	6,484	1,629	1,110	1,146	62.68%	26.25%	21.47%	4.87%	2.33%	1.94%	
<b>NORTH</b>	<b>32,540</b>	<b>47,583</b>	<b>62,614</b>	<b>80,466</b>	<b>15,043</b>	<b>15,031</b>	<b>17,852</b>	<b>46.23%</b>	<b>31.59%</b>	<b>28.51%</b>	<b>3.80%</b>	<b>2.75%</b>	<b>2.51%</b>	
Dededo	10,780	23,644	31,728	42,980	12,864	8,084	11,252	119.33%	34.19%	35.46%	7.85%	2.94%	3.04%	
Tamuning	10,218	13,580	16,673	18,012	3,362	3,093	1,339	32.90%	22.78%	8.03%	2.84%	2.05%	0.77%	
Yigo	11,542	10,359	14,213	19,474	-1,183	3,854	5,261	-10.25%	37.20%	37.02%	-1.08%	3.16%	3.15%	
<b>CENTRAL</b>	<b>31,266</b>	<b>34,526</b>	<b>40,965</b>	<b>45,382</b>	<b>3,260</b>	<b>6,439</b>	<b>4,417</b>	<b>10.43%</b>	<b>18.65%</b>	<b>10.78%</b>	<b>0.99%</b>	<b>1.71%</b>	<b>1.02%</b>	
Agana Heights	3,156	3,284	3,646	3,940	128	362	294	4.06%	11.02%	8.06%	0.40%	1.05%	0.78%	
Asan-Maina	2,629	2,034	2,070	2,090	-595	36	20	-22.63%	1.77%	0.97%	-2.57%	0.18%	0.10%	
Barrigada	6,356	7,756	8,846	8,652	1,400	1,090	-194	22.03%	14.05%	-2.19%	1.99%	1.31%	-0.22%	
Chalan-Pago-Ordot	2,931	3,120	4,451	5,923	189	1,331	1,472	6.45%	42.66%	33.07%	0.62%	3.55%	2.86%	
Hagåtña	2,119	896	1,139	1,100	-1,223	243	-39	-57.72%	27.12%	-3.42%	-8.61%	2.40%	-0.35%	
Mangilao	3,228	6,840	10,483	13,313	3,612	3,643	2,830	111.90%	53.26%	27.00%	7.51%	4.27%	2.39%	
Mongmong-Toto-Maite	6,057	5,245	5,845	5,845	-812	600	0	-13.41%	11.44%	0.00%	-1.44%	1.08%	0.00%	
Piti	1,284	2,866	1,827	1,666	1,582	-1,039	-161	123.21%	-36.25%	-8.81%	8.03%	-4.50%	-0.92%	
Sinajana	3,506	2,485	2,658	2,853	-1,021	173	195	-29.12%	6.96%	7.34%	-3.44%	0.67%	0.71%	
<b>SOUTH</b>	<b>21,190</b>	<b>23,870</b>	<b>29,573</b>	<b>28,957</b>	<b>2,680</b>	<b>5,703</b>	<b>-616</b>	<b>12.65%</b>	<b>23.89%</b>	<b>-2.08%</b>	<b>1.19%</b>	<b>2.14%</b>	<b>-0.21%</b>	
Agat	4,308	3,999	4,960	5,656	-309	961	696	-7.17%	24.03%	14.03%	-0.74%	2.15%	1.31%	
Inarajan	1,897	2,059	2,469	3,052	162	410	583	8.54%	19.91%	23.61%	0.82%	1.82%	2.12%	
Merizo	1,529	1,663	1,742	2,163	134	79	421	8.76%	4.75%	24.17%	0.84%	0.46%	2.16%	
Santa Rita	8,109	9,183	11,857	7,500	1,074	2,674	-4,357	13.24%	29.12%	-36.75%	1.24%	2.56%	-4.58%	
Talofofo	1,935	2,006	2,310	3,215	71	304	905	3.67%	15.15%	39.18%	0.36%	1.41%	3.31%	
Umatac	813	732	897	887	-81	165	-10	-9.96%	22.54%	-1.11%	-1.05%	2.03%	-0.11%	
Yona	2,599	4,228	5,338	6,484	1,629	1,110	1,146	62.68%	26.25%	21.47%	4.87%	2.33%	1.94%	

Source: Bureau of the Census, U.S. Department of Commerce

\*: Average annual (exponential) growth rate

Prepared by: OP&E, DPSS and Commerce

Modified by: Bureau of Planning

July 2, 2001

July 5, 2001

## Guam Census of Population and Housing - Housing Units: 1970, 1980, 1990 and 2000

GUAM	Housing Units: 1970, 1980, 1990 and 2000				Numeric Change			Percent Change			Annual Growth Rate *		
	01-Apr-70	01-Apr-80	01-Apr-90	01-Apr-00	70-80	80-90	90-00	70-80	80-90	90-00	70-80	80-90	90-00
<b>Total Housing Units</b>	<b>16,680</b>	<b>28,249</b>	<b>35,223</b>	<b>47,677</b>	<b>11,569</b>	<b>6,974</b>	<b>12,454</b>	<b>69.36%</b>	<b>24.69%</b>	<b>35.36%</b>	<b>5.41%</b>	<b>2.23%</b>	<b>3.07%</b>
<b>VILLAGE</b>													
Agana Heights	669	971	1,008	1,193	302	37	185	45.14%	3.81%	18.35%	3.80%	0.37%	1.70%
Agat	819	990	1,300	1,499	171	310	199	20.88%	31.31%	15.31%	1.91%	2.76%	1.43%
Asan-Maina	581	589	620	660	8	31	40	1.38%	5.26%	6.45%	0.14%	0.51%	0.63%
Barrigada	1,307	1,930	2,140	2,307	623	210	167	47.67%	10.88%	7.80%	3.97%	1.04%	0.75%
Chalan Pago-Ordot	526	738	1,047	1,920	212	309	873	40.30%	41.87%	83.38%	3.44%	3.56%	6.25%
Dededo	2,295	5,558	7,541	12,119	3,263	1,983	4,578	142.18%	35.68%	60.71%	9.25%	3.10%	4.86%
Hagåtña	515	384	416	395	-131	32	-21	-25.44%	8.33%	-5.05%	-2.89%	0.80%	-0.52%
Inarajan	321	455	553	701	134	98	148	41.74%	21.54%	26.76%	3.55%	1.97%	2.40%
Mangilao	740	2,067	2,699	3,926	1,327	632	1,227	179.32%	30.58%	45.46%	10.82%	2.70%	3.82%
Merizo	271	398	469	535	127	71	66	46.86%	17.84%	14.07%	3.92%	1.66%	1.33%
Mongmong-Toto-Maite	896	1,490	1,742	2,102	594	252	360	66.29%	16.91%	20.67%	5.22%	1.57%	1.90%
Piti	239	503	554	576	264	51	22	110.46%	10.14%	3.97%	7.73%	0.97%	0.39%
Santa Rita	1,610	2,253	2,343	2,517	643	90	174	39.94%	3.99%	7.43%	3.42%	0.39%	0.72%
Sinajana	680	619	712	857	-61	93	145	-8.97%	15.02%	20.37%	-0.94%	1.41%	1.87%
Talofofo	350	445	548	849	95	103	301	27.14%	23.15%	54.93%	2.43%	2.10%	4.48%
Tamuning	2,208	4,788	6,296	8,108	2,580	1,508	1,812	116.85%	31.50%	28.78%	8.05%	2.78%	2.56%
Umatac	130	147	188	179	17	41	-9	13.08%	27.89%	-4.79%	1.24%	2.49%	-0.49%
Yigo	2,056	2,898	3,686	5,489	842	788	1,803	40.95%	27.19%	48.91%	3.49%	2.43%	4.06%
Yona	467	1,026	1,361	1,745	559	335	384	119.70%	32.65%	28.21%	8.19%	2.87%	2.52%
<b>NORTH</b>	<b>6,559</b>	<b>13,244</b>	<b>17,523</b>	<b>25,716</b>	<b>6,685</b>	<b>4,279</b>	<b>8,193</b>	<b>101.92%</b>	<b>32.31%</b>	<b>46.76%</b>	<b>7.28%</b>	<b>2.84%</b>	<b>3.91%</b>
Dededo	2,295	5,558	7,541	12,119	3,263	1,983	4,578	142.18%	35.68%	60.71%	9.25%	3.10%	4.86%
Tamuning	2,208	4,788	6,296	8,108	2,580	1,508	1,812	116.85%	31.50%	28.78%	8.05%	2.78%	2.56%
Yigo	2,056	2,898	3,686	5,489	842	788	1,803	40.95%	27.19%	48.91%	3.49%	2.43%	4.06%
<b>CENTRAL</b>	<b>6,153</b>	<b>9,291</b>	<b>10,938</b>	<b>13,936</b>	<b>3,138</b>	<b>1,647</b>	<b>2,998</b>	<b>51.00%</b>	<b>17.73%</b>	<b>27.41%</b>	<b>4.21%</b>	<b>1.65%</b>	<b>2.45%</b>
Agana Heights	669	971	1,008	1,193	302	37	185	45.14%	3.81%	18.35%	3.80%	0.37%	1.70%
Asan-Maina	581	589	620	660	8	31	40	1.38%	5.26%	6.45%	0.14%	0.51%	0.63%
Barrigada	1,307	1,930	2,140	2,307	623	210	167	47.67%	10.88%	7.80%	3.97%	1.04%	0.75%
Chalan-Pago-Ordot	526	738	1,047	1,920	212	309	873	40.30%	41.87%	83.38%	3.44%	3.56%	6.25%
Hagåtña	515	384	416	395	-131	32	-21	-25.44%	8.33%	-5.05%	-2.89%	0.80%	-0.52%
Mangilao	740	2,067	2,699	3,926	1,327	632	1,227	179.32%	30.58%	45.46%	10.82%	2.70%	3.82%
Mongmong-Toto-Maite	896	1,490	1,742	2,102	594	252	360	66.29%	16.91%	20.67%	5.22%	1.57%	1.90%
Piti	239	503	554	576	264	51	22	110.46%	10.14%	3.97%	7.73%	0.97%	0.39%
Sinajana	680	619	712	857	-61	93	145	-8.97%	15.02%	20.37%	-0.94%	1.41%	1.87%
<b>SOUTH</b>	<b>3,968</b>	<b>5,714</b>	<b>6,762</b>	<b>8,025</b>	<b>1,746</b>	<b>1,048</b>	<b>1,263</b>	<b>44.00%</b>	<b>18.34%</b>	<b>18.68%</b>	<b>3.71%</b>	<b>1.70%</b>	<b>1.73%</b>
Agat	819	990	1,300	1,499	171	310	199	20.88%	31.31%	15.31%	1.91%	2.76%	1.43%
Inarajan	321	455	553	701	134	98	148	41.74%	21.54%	26.76%	3.55%	1.97%	2.40%
Merizo	271	398	469	535	127	71	66	46.86%	17.84%	14.07%	3.92%	1.66%	1.33%
Santa Rita	1,610	2,253	2,343	2,517	643	90	174	39.94%	3.99%	7.43%	3.42%	0.39%	0.72%
Talofofo	350	445	548	849	95	103	301	27.14%	23.15%	54.93%	2.43%	2.10%	4.48%
Umatac	130	147	188	179	17	41	-9	13.08%	27.89%	-4.79%	1.24%	2.49%	-0.49%
Yona	467	1,026	1,361	1,745	559	335	384	119.70%	32.65%	28.21%	8.19%	2.87%	2.52%

Source: Bureau of the Census, U.S. Department of Commerce

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\* Average annual (geometric) growth rate

# **Government of Guam**



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