



# Accessing Census Data for Hawaii

## Census Solutions for Your Projects

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# Census 2000 Race Categories

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# New Federal Guidelines & Census 2000



## Major Changes

- Spanish/Hispanic/Latino asked before race
- Respondents could select more than 1 race
- American Indian & Alaska Native combined
- Asian & Pacific Islander category split:
  - Asian
  - Native Hawaiian & Other Pacific Islander

# Race & Ethnicity Tabulation Categories



## Single Race

- White alone
- Black or African American alone
- American Indian & Alaska Native alone
- Asian alone
- Native Hawaiian & Other Pacific Islander alone
- Some Other Race alone

## All-Inclusive Race

- White alone or in combination
- Black or African American alone or in combination
- Amer. Indian & Alaska Native alone or in combination
- Asian alone or in combination
- Native Hawaiian & Other Pacific Islander alone or in combination
- Some other Race alone or in combination

## Two or More Races

**Hispanic or Latino (may be of any race)**

# United States Population

<b>RACE</b>	<b>Race Alone (minimum)</b>	<b>Race in Combination</b>	<b>Race alone or in comb. (max.)</b>
<b>Total Population</b>	<b>281,421,906</b>		<b>281,421,906</b>
<b><i>Multiple race responses</i></b>		<b><i>14,168,760</i></b>	<b><i>288,764,438</i></b>
<b><i>One race:</i></b>	<b><i>274,595,678</i></b>		
<b>White</b>	<b>211,460,626</b>	<b>5,470,349</b>	<b>216,930,975</b>
<b>Black/African American</b>	<b>34,658,190</b>	<b>1,761,244</b>	<b>36,419,434</b>
<b>Am. Indian/Alaska Native</b>	<b>2,475,956</b>	<b>1,643,345</b>	<b>4,119,301</b>
<b>Asian</b>	<b>10,242,998</b>	<b>1,655,830</b>	<b>11,898,828</b>
<b>Nat. Hawaiian &amp; Pac. Isl.</b>	<b>398,835</b>	<b>475,579</b>	<b>874,414</b>
<b>Some Other Race</b>	<b>15,359,073</b>	<b>3,162,413</b>	<b>18,521,486</b>
<b><i>2 or more races</i></b>	<b><i>6,826,228</i></b>		
<b>Hispanic or Latino (any race)</b>	<b>35,305,818</b>		<b>35,305,818</b>

# Hawaii State Population

RACE	Race Alone (minimum)	Race in Combination	Race alone or in Comb. (max.)
<b>Total Population</b>	<b>1,211,537</b>		<b>1,211,537</b>
<b><i>Multiple race responses</i></b>		<b><i>615,695</i></b>	<b><i>1,567,889</i></b>
<b><i>One race:</i></b>	<b><i>952,194</i></b>		
<b>White</b>	<b>294,102</b>	<b>182,060</b>	<b>476,162</b>
<b>Black/African American</b>	<b>22,003</b>	<b>11,340</b>	<b>33,343</b>
<b>Am. Indian/Alaska Native</b>	<b>3,535</b>	<b>21,347</b>	<b>24,882</b>
<b>Asian</b>	<b>503,868</b>	<b>199,364</b>	<b>703,232</b>
<b>Native Hawaiian &amp; Pac. Isl.</b>	<b>113,539</b>	<b>169,128</b>	<b>282,667</b>
<b>Some Other Race</b>	<b>15,147</b>	<b>32,456</b>	<b>47,603</b>
<b><i>Two or more races</i></b>	<b><i>259,343</i></b>		
<b>Hispanic or Latino (any race)</b>	<b>87,699</b>		<b>87,699</b>

# Comparison of Race and Hispanic Origin Data



- **Race and Hispanic origin are two separate concepts in the federal statistical system.**
  - People who are Hispanic may be of any race.
  - People in each race group may be either Hispanic or Not Hispanic.
  - Each person has two attributes, their race (or races) and whether or not they are Hispanic.
- **Overlap of race and Hispanic origin is the main comparability issue.**
  - For example, Black Hispanics (Hispanic Blacks) are included in both the number of Blacks and in the number of Hispanics.

# Population by Race Alone, Race Alone Not Hispanic, and Hispanic

	Race Alone	Percent	Race Alone Not Hispanic	Percent
<b>Total Population</b>	<b>1,211,537</b>	<b>100.0</b>	<b>1,211,537</b>	<b>100.0</b>
<b>One Race:</b>	<b>952,194</b>	<b>78.6</b>	<b>905,138</b>	<b>74.7</b>
White	294,102	24.3	277,091	22.9
Black/African American	22,003	1.8	20,829	1.7
Am. Indian/Alaska Nat.	3,535	0.3	2,539	0.2
Asian	503,868	41.6	494,149	40.8
Nat. Hawaiian & Pac. Is.	113,539	9.4	108,441	9.0
Some Other Race	15,147	1.3	2,089	0.2
<b>Two or More Races</b>	<b>259,343</b>	<b>21.4</b>	<b>218,700</b>	<b>18.1</b>
<b>Total Race Responses</b>	<b>1,211,537</b>	<b>100.0</b>	<b>1,123,838</b>	<b>91.8</b>
<b>Hispanic or Latino</b>	<b>87,699</b>	<b>7.2</b>	<b>87,699</b>	<b>7.2</b>
<b>Total Race &amp; Hispanic</b>			<b>1,211,537</b>	<b>100.0</b>

## Population by Race Alone or in Combination, Race Alone or in Combination Not Hispanic, & Hispanic

	Race Alone Or in Comb.	Percent	Race Alone Or in Comb. Not Hispanic	Percent
<b>Total Population</b>	<b>1,211,537</b>	<b>100.0</b>	<b>1,211,537</b>	<b>100.0</b>
White	476,162	39.3	430,768	35.6
Black/African American	33,343	2.8	30,116	2.5
Am. Indian/Alaska Nat.	24,882	2.1	18,142	1.5
Asian	703,232	58.0	663,740	54.7
Nat. Hawaiian & Pac. Is.	282,667	23.3	253,179	20.9
Some Other Race	47,603	3.9	22,117	1.8
Total Race Responses	1,567,889	129.4	1,418,062	117.0
<b>Hispanic or Latino</b>	<b>87,699</b>	<b>7.2</b>	<b>87,699</b>	<b>7.2</b>

In combination with one or more of the other races listed. The six numbers for race alone or in combination may add to more than the total population and the six percentages for race alone or in combination may add to more than 100% because individuals may report more than 1 race.

# Race and Hispanic Groups or Categories in Census Data Files

<b>Group or Category</b>	<b>Example</b>
<b>Race Alone</b>	<b>Asian Alone</b>
<b>Race Alone or in Combination</b>	<b>Asian Alone or in Combination</b>
<b>Race Alone Not Hispanic</b>	<b>Asian Alone Not Hispanic</b>
<b>Race Alone or in Combination Not Hispanic</b>	<b>Asian Alone or in Combination Not Hispanic</b>
<b>Detailed Race Alone</b>	<b>Japanese Alone</b>
<b>Detailed Race Alone or in Comb.</b>	<b>Japanese Alone or in Comb.</b>
<b>Hispanic or Latino (of any race)</b>	<b>Hispanic or Latino (of any race)</b>
<b>Detailed Hispanic or Latino</b>	<b>Puerto Rican</b>

# Race and Hispanic Groups in Hawaii

<b>Group or Category</b>	<b>Example</b>	<b>Total</b>
<b>Race Alone</b>	<b>Asian Alone</b>	<b>503,868</b>
<b>Race Alone or in Combination</b>	<b>Asian Alone or in Combination</b>	<b>703,232</b>
<b>Race Alone Not Hispanic</b>	<b>Asian Alone Not Hispanic</b>	<b>494,149</b>
<b>Race Alone or in Comb. Not Hisp</b>	<b>Asian Alone or in Comb. Not Hisp</b>	<b>663,740</b>
<b>Detailed Race Alone</b>	<b>Japanese Alone</b>	<b>201,764</b>
<b>Detailed Race Alone or in Comb.</b>	<b>Japanese Alone or in Comb.</b>	<b>296,674</b>
<b>Hispanic or Latino (of any race)</b>	<b>Hispanic or Latino (of any race)</b>	<b>87,699</b>
<b>Detailed Hispanic or Latino</b>	<b>Puerto Rican</b>	<b>30,005</b>

# 2 or More Races in Hawaii



259,343 persons in Hawaii indicated 2 or more races. Hawaii has the highest percentage of persons who are multi-racial.

## Percentage Multi-racial

U.S.	2.4%
Hawaii	21.4%

# Native Hawaiian & Other Pacific Islander Population in Hawaii



## Top Groups

	<b>Race Alone</b>	<b>Race Alone or in Combination</b>
<b>NHOPI</b>	<b>113,539</b>	<b>282,667</b>
<b>Native Hawaiian</b>	<b>80,137</b>	<b>239,655</b>
<b>Samoan</b>	<b>16,166</b>	<b>28,184</b>
<b>Tongan</b>	<b>3,993</b>	<b>5,988</b>
<b>Guamanian or Chamorro</b>	<b>1,663</b>	<b>4,221</b>

# When You Say: “I Need Demographic Data”



## Key Questions When Using Data:

- For which geographic area?  
Census geography tells us where
- Which demographic characteristic?  
Census population and housing data tells us how many
- For which year?  
Census 2000 or other decennial census

# Census Geographic Pyramid

United States

Regions

Divisions

States

Counties

Census County Divisions

(includes Incorporated Places,  
Census Designated Places and Minor Civil Divisions)

Census Tracts

Block Groups

Blocks

# Census Geography: Two Broad Categories



- **Legal and Administrative Entities**

Geographic areas that originate from legal action, treaties, statutes, ordinances, resolutions, or court decisions. Examples: States, Counties, Incorporated Places, Amer. Indian Reservations, Hawaiian Home Lands, Congressional Districts, Voting Districts, ZIP Codes

- **Statistical Entities**

Areas that evolve from practice, custom, usage, or need. Specific examples: Metropolitan Statistical Areas (MSA's), Urbanized Areas, Census County Divisions, Census Tracts, Block Groups, Blocks

# Census Small-Area Geography



Use census small-area geography to delineate:

- Neighborhoods
- Communities
- Marketing Areas
- Trade Areas
- Social Service Delivery Areas
- Planning Areas

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# Census Geography



## Census Designated Place

- No legally defined corporate limits (unincorporated)
- Defined by the Census Bureau in cooperation with State, Tribal and local officials
- Identified in data tables by the acronym CDP following the place name
- **All places in Hawaii are Census Designated Places**

# Census Geography



## Census Tract

- Small, relatively permanent statistical subdivision of a county
- Average of 1,000 housing units & 4,000 people
- Census tracts are designed to be relatively homogeneous units with respect to population characteristics, economic status, and living conditions
- Aggregate census tracts to delineate communities, neighborhoods, social service delivery areas, planning areas, marketing or trade areas within a city or CDP

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# Census Geography



## Block Group

- Subdivision of a census tract
- Block group is the smallest geographic unit for the tabulation of sample data
- Block group consists of all blocks within a census tract with the same beginning number

## Block

- Smallest geographic unit for which the Census Bureau tabulates 100% data
- Many blocks correspond to individual city blocks bounded by streets
- Blocks in rural areas, may include many square miles and have boundaries that are not streets

# Relating Geographic Areas in Hawaii



State (legal) – **Hawaii**

County (legal) – **Honolulu**

Census Co. Division (statistical) – **Waianae CCD**

Incorporated Place (legal) – **none in Hawaii**

Census Designated Place (statistical) – **Waianae**

Census Tract (statistical) – **97.02**

Block Group (statistical) – **1**

Block (statistical) – **1002**

Other Geographic Areas: Hawaiian Home Lands  
Zip Code Tabulation Areas (5-digit ZCTA's)

# Census 2000 Data Schedule of Release Dates



**Congressional Apportionment – 12/31/2000**

**Public Law 94-171 Redistricting Data – 4/1/2001**

**Summary File 1: June – Sept. 2001**

**Summary File 2: Dec. 2001 – April 2002**

**Summary File 3: August – Sept. 2002**

**Summary File 4: April 2003**

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# Census 2000 Summary Files

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# 100% vs. Sample Data

## Census 2000 Short Form and Long Form

**PLEASE DO NOT FILL OUT THIS FORM.**  
*This is not an official census form. It is for informational purposes only.*

**United States Census 2000**

U.S. Department of Commerce  
Bureau of the Census

This is the official form for all the people at this address. It is quick and easy, and your answers are protected by law. Complete the Census and help your community get what it needs — today and in the future!

**Start Here**

1 How many people were living or staying in this house, apartment, or mobile home on April 1, 2000?

Number of people

**INCLUDE** in this number:

- foster children, roomers, or housemates
- people staying here on April 1, 2000 who have no other permanent place to stay
- people living here most of the time while working, even if they have another place to live

**DO NOT INCLUDE** in this number:

- college students living away while attending college

**PLEASE DO NOT FILL OUT THIS FORM.**  
*This is not an official census form. It is for informational purposes only.*

**United States Census 2000**

U.S. Department of Commerce • Bureau of the Census

This is the official form for all the people at this address. It is quick and easy, and your answers are protected by law. Complete the Census and help your community get what it needs — today and in the future!

**Start Here**

Please use a black or blue pen.

4. What is Person 1's telephone number? We may call this person if we don't understand an answer.

Area Code + Number

5. What is Person 1's sex? Mark  ONE box.

Male  Female

6. What is Person 1's age and what is Person 1's date of birth?

Ages on April 1, 2000

Print numbers in boxes.

The "Informational Copy" shows the content of the United States Census 2000 "long" form questionnaire. Each household will receive either a short form (100-percent questions) or a long form (100-percent and sample questions). The long form questionnaire includes the same 6 population questions and

# 100 % Characteristics



**A limited number of questions are asked of every person and housing unit in the United States.**

**Information available on:**

- **Household Relationship**
- **Sex**
- **Age**
- **Race**
- **Hispanic or Latino Origin**
- **Tenure (whether the home is owned or rented)**
- **Vacancy Characteristics**

**Data Available on Summary File 1 & Summary File 2**

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# Summary File 1



- Presents counts & basic tables of information collected from all people and housing units. Many tables present data down to block level, but only to the census tract level for others.
- Selected population & housing characteristics for total pop., race groups & Hispanic or Latino.
- Population totals
  - 63 race categories
  - 28 Hispanic or Latino detailed categories
  - 36 specific American Indian tribes
  - 5 Alaska Native tribes
  - 17 detailed Asian categories
  - 12 Native Hawaiian & Pacific Islander categories

# Hispanic or Latino



- Mexican
- Puerto Rican
- Cuban
- Dominican Republic
- Central American
  - Costa Rican
  - Guatamalan
  - Honduran
  - Nicaraguan
  - Panamanian
  - Salvadoran
  - Other Central American
- South American
  - Argentinean
  - Bolivian
  - Chilean
  - Columbian
  - Ecuadorian
  - Paraguayan
  - Venezuelan
  - Other South American
- Other Hispanic or Latino
  - Spaniard
  - Spanish
  - Spanish American
  - All Other Hispanic or Latino

# Asian



- Asian Indian
- Bangladeshi
- Cambodian
- Chinese, exc.  
Taiwanese
- Filipino
- Hmong
- Indonesian
- Japanese
- Korean
- Laotian
- Malaysian
- Pakistani
- Sri Lankan
- Taiwanese
- Thai
- Vietnamese
- Other Asian
- Other Asian not  
specified

# Native Hawaiian and Other Pacific Islander



- Polynesian
  - Native Hawaiian
  - Samoan
  - Tongan
- Micronesian
  - Guamanian or Chamorro
  - Other Micronesian
- Melanesian
  - Fijian
  - Other Melanesian
- Other Pacific Islander
- Other Pacific Islander not specified

# American Indian



- Apache
- Blackfeet
- Cherokee
- Cheyenne
- Chickasaw
- Chippewa
- Choctaw
- Colville
- Comanche
- Cree
- Creek
- Crow
- Delaware
- Houma
- Iroquois
- Kiowa
- Latin American
- Lumbee
- Menominee
- Navajo
- Osage
- Ottawa
- Paiute
- Pima
- Potawatomi
- Pueblo
- Puget Sound Salish
- Seminole
- Shoshone
- Sioux
- Tohomo O'Odham
- Ute
- Yakima
- Yaqui
- Yuman
- All Other

# Summary File 2



- **Population Totals and Characteristics**
- **249 iterations of race and Hispanic or Latino categories, American Indian and Alaska Native Tribes down to the census tract level**
- **1 iteration for the total population**
- **100% data for any American Indian, Asian, Hispanic or Latino category**
- **Threshold: minimum of 100 persons in the group per census tract for data to be shown. Examples: age for Chinese (versus Asian), tenure for Mexican (versus Hispanic), household relationship for Navajo (versus American Indian)**

# Sample Characteristics



## Population

- Marital Status
- Place of birth, citizenship and year of entry
- School enrollment & educational attainment
- Ancestry
- Migration (residence in 1995)
- Language spoken and ability to speak English
- Veteran status
- Disability
- Grandparents as care givers
- Labor force status
- Place of work & journey to work
- Occupation, industry & class of worker
- Work status in 1999
- Income in 1999

**Data available on Summary File 3 & Summary File 4**

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# Sample Characteristics



## Housing

- Value of home or monthly rent paid
- Units in structure
- Year structure built
- Number of rooms and number of bedrooms
- Year moved into residence
- Plumbing and kitchen facilities
- Telephone service
- Vehicles available
- Heating Fuel
- Farm residence
- Utilities, mortgage, taxes, insurance, & fuel costs

**Data available on Summary File 3 & Summary File 4**

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# Summary File 3



## Population and Housing Characteristics

- 6 Race Alone Categories
- Some Other Race
- Two or More Races
- Hispanic or Latino by Race
- White Alone, Not Hispanic

## Population Counts

- 110 Ancestry Groups

# Ancestry



Refers to a person's self-identification of heritage, ethnic origin, descent, or close identification to an ethnic group. Selected ancestry groups include Arab, Brazilian, Canadian, Czech, Irish, Italian, Subsaharan African, West Indian, etc. 3 tables:

	Hawaii Portuguese
PCT16. Ancestry (First Ancestry Reported)	32,156
PCT17. Ancestry (Second Ancestry Reported)	16,371
PCT18. Ancestry (Total Categories Tallied) for People with One or More Ancestry Categories Reported	48,527

# Summary File 4



## Population Totals and Characteristics

- Total Population
- 249 Iterations of race and Hispanic groups
- 86 Iterations of ancestry categories
- Sample data for any American Indian, Asian, Hispanic or Latino category
- Minimum of 50 sample cases; approximately 300 persons per census tract for data to be shown  
Examples: income for Cherokee (versus American Indian), labor force for Korean (versus Asian), disability for Puerto Rican (versus Hispanic)

# Demographic Profiles



## 100% Data – Released 2001

**DP-1 Profile of General Demographic Characteristics**

## Sample Data – May 2002

**DP-2 Profile of Selected Social Characteristics**

**DP-3 Profile of Selected Economic Characteristics**

**DP-4 Profile of Selected Housing Characteristics**

**Available for states, counties, places, metro areas,  
American Indian & Alaska Native Areas, Hawaiian  
Home Lands, Congressional Districts**

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# Summary File 3

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# Summary File 3



## What's In It?

- Data tabulated from Census 2000 Long Form (Sample data)
- Population counts for race, ethnicity, and ancestry groups down to the census tract level
- Selected population & housing characteristics down to the block group or census tract level
- 813 data tables

# Summary File 3

## 484 Population Tables



- **288 “P” tables** summarized to block group level. P1-Total Population to P144-Poverty Status. Includes 16 sets of P tables iterated 9 times by Race and Hispanic Origin from P145(A-I) to P160(A-I)
- **196 “PCT” tables** summarized to census tract level from PCT 1 to PCT61. Includes 15 sets of PCT tables iterated 9 times by Race and Hispanic Origin – from PCT62(A-I) to PCT76(A-I)

P154I. FAMILY INCOME IN 1999 (WHITE ALONE, NOT HISPANIC OR LATINO HOUSEHOLDER)  
Universe: Families with a householder who is White alone, not Hispanic

P154H. FAMILY INCOME IN 1999 (HISPANIC OR LATINO HOUSEHOLDER)

P154G. FAMILY INCOME IN 1999 (TWO OR MORE RACES HOUSEHOLDER)

Universe: Families with a householder who is Two or

P154F. FAMILY INCOME IN 1999 (SOME OTHER RACE ALONE HOUSEHOLDER)

Universe: Families with a householder who is Some other

P154E. FAMILY INCOME IN 1999 (NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER ALONE HOUSEHOLDER) [17]

P154D. FAMILY INCOME IN 1999 (ASIAN ALONE HOUSEHOLDER) [17]

Universe: Families with a householder who is Asian alone

P154C. FAMILY INCOME IN 1999 (AMERICAN INDIAN AND ALASKA NATIVE ALONE HOUSEHOLDER) [17]

Universe: Families with a householder who is American Indian and Alaska Native

P154B. FAMILY INCOME IN 1999 (BLACK OR AFRICAN AMERICAN ALONE HOUSEHOLDER) [17]

Universe: Families with a householder who is Black or African American alone

P154A. FAMILY INCOME IN 1999 (WHITE ALONE HOUSEHOLDER) [17]

Universe: Families with a householder who is White alone

Total:

Less than \$10,000  
\$10,000 to \$14,999  
\$15,000 to \$19,999  
\$20,000 to \$24,999  
\$25,000 to \$29,999  
\$30,000 to \$34,999  
\$35,000 to \$39,999  
\$40,000 to \$44,999

**SF3 Race/Hispanic Origin  
Table Iterations  
Labeled (A-I)**

# Summary File 3

## 329 Housing Tables



- **121 “H” tables** summarized to block group level from H1- Housing Units to H121- Imputation of Mortgage Status & Selected Monthly Owner Costs
- **208 “HCT” tables** summarized to census tract level from HCT1 to HCT28. Includes 20 sets of HCT tables iterated 9 times by Race & Hispanic Origin – HCT29(A-I) to HCT48(A-I)

# SF3 Population Subjects Summarized to Block Group



- Basic Population
- Disability
- Employment Status
- Households and Families
- Income
- Occupation
- Imputation
- Commuting
- Language Spoken
- Marital Status
- Migration
- Birthplace, Year of Entry, Citizenship
- Place of Work
- Poverty
- School Enrollment and Educational Attainment
- Veteran Status

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# SF3 Population Subjects Summarized to Block Group



## Iterated by Race/Hispanic Origin

- **Basic Population Totals**
- **Employment Status**
- **Households and Families**
- **Income (Family, Household, Individual)**
- **Poverty Status**
- **School Enrollment & Educational Attainment**

# SF3 Population Subjects Summarized to Census Tract



- Ancestry
- Disability
- Employment Status
- Grandparents as Caregivers
- Households and Families
- Income (family, non-family, individual)
- Language Spoken
- Marital Status
- Migration
- Birthplace, Year of Entry, Citizenship
- Poverty Status
- School Enrollment and Educational Attainment

# SF3 Population Subjects Summarized to Census Tract



## Iterated by Race/Hispanic Origin

- Disability
- Employment Status
- Income (Households, Individuals)
- Commuting
- Language and Ability to Speak English
- Migration
- Birthplace, Citizenship Status, Year of Entry
- Poverty (Individuals)
- Veteran Status



# Summary File 4

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# Summary File 4



## 323 Tables

- 213 Population “PCT” Tables
- 110 Housing “HCT” Tables

# Tables Iterated / Repeated for 335 Groups



- 132 race groups
- 78 American Indian/Alaska Native tribe categories (reflecting 39 individual tribes)
- 39 Hispanic origin or Latino groups
- 86 ancestry groups

# SF 4 Thresholds



**A table is repeated for a race, Hispanic, or ancestry group if :**

- 1. An area has 100 or more persons in that group (applies only to race & Hispanic groups).**
- 2. An area has 50 or more unweighted cases for a specified group (applies to race, Hispanic, & ancestry groups).**

# Differences Between Summary File 4 & Summary File 3



- PCT tables generally a subset of the P or PCT tables in SF3
- SF4 HCT tables are all found in SF3
- Some additional detail by age & sex
- Some additional income & poverty detail
- Detailed data for **102 industries** broken down by sex - **PCT85** (26 industries in SF3)
- Detailed data for **125 occupations** broken down by sex - **PCT86** (46 occupations in SF3)
- 20 tables unique to SF4

# More Detailed Industries



## Summary File 3

Transportation and  
warehousing, and utilities

Transportation & warehous.

Utilities

## Summary File 4

Transportation and  
warehousing, and utilities

Transportation & warehous.

Air transportation

Rail transportation

Water Transportation

Truck transportation

U.S. Postal Service

Other transportation

Warehousing and storage

Utilities

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# More Detailed Occupations



## Summary File 3

Education, training, and library occupations

## Summary File 4

Education, training, and library occupations

Postsecondary teachers

Teachers, primary, secondary, and special education

Teachers, preschool, kindergarten, elem., & middle school

Teachers, secondary school

Teachers, special education

Librarians, curators, and archivists

Other teachers, instructors, educ., training, & library occup.

U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*



# Use Data from Summary File 3 and Summary File 4

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# Ancestry



## Use SF3 & SF4 in tandem:

- SF3 (tables PCT 15-18) has population totals for 109 ancestry groups and identifies whether ancestries are the first or second reported.
- SF4 provides characteristics data (i.e., table repetitions) for 86 groups with no reference to first or second ancestry.

# Language Spoken at Home



## Use SF3 & SF4 in tandem:

- With a breakdown for age, SF3 (PCT10) has data on 40 *different languages* spoken at home (“speak only English” and 39 others).
- SF4 (PCT40) has data on *broad language groups*.

# Place of Birth – Foreign Born



## Use SF3 & SF4 in tandem:

- For the foreign-born population, SF3 (PCT19) has population totals for 125 world regions and countries.
- SF4 (PCT47-48) has only regional totals.
- However, SF4 has considerable data on the foreign-born population by sex.



# Use Census Data from Summary Files 1, 2, 3, 4 for Marketing, Community Analysis, Funding Proposals, Research, News Stories

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# Using Summary Files 1, 2, 3, 4



File	Lowest Geography	Number of Tables	Iterations (repetitions)
<i>100 % Data</i>			
■ SF1	Blocks	286	Selected tables – 9 race and Hispanic groups
■ SF2	Census Tracts	47	All tables – 249 race and Hispanic groups
<i>Sample Data</i>			
■ SF3	Block Groups	813	Selected tables – 9 race and Hispanic groups
■ SF4	Census Tracts	323	All tables – 335 race, Hispanic, and ancestry groups

# Population Counts and Characteristics by Race, Hispanic, and Ancestry

Group or Category	SF1 100%	SF2 100%	SF3 Sample	SF4 Sample
Race Alone	C, X	C, X	C, X	C, X
Race Alone or in Combination	C	C, X		C, X
Race Alone Not Hispanic	C, X for White Alone only	C, X	C, X for White Alone only	C, X
Race Alone or in Comb. Not Hispanic	C	C, X		C, X
Detailed Race Alone	C	C, X		C, X
Detailed Race Alone or in Combination	C	C, X		C, X
Hispanic or Latino	C, X	C, X	C, X	C, X
Detailed Hispanic or Latino	C	C, X		C, X
Ancestry			C	C, X

**C** Counts

**X** Characteristics

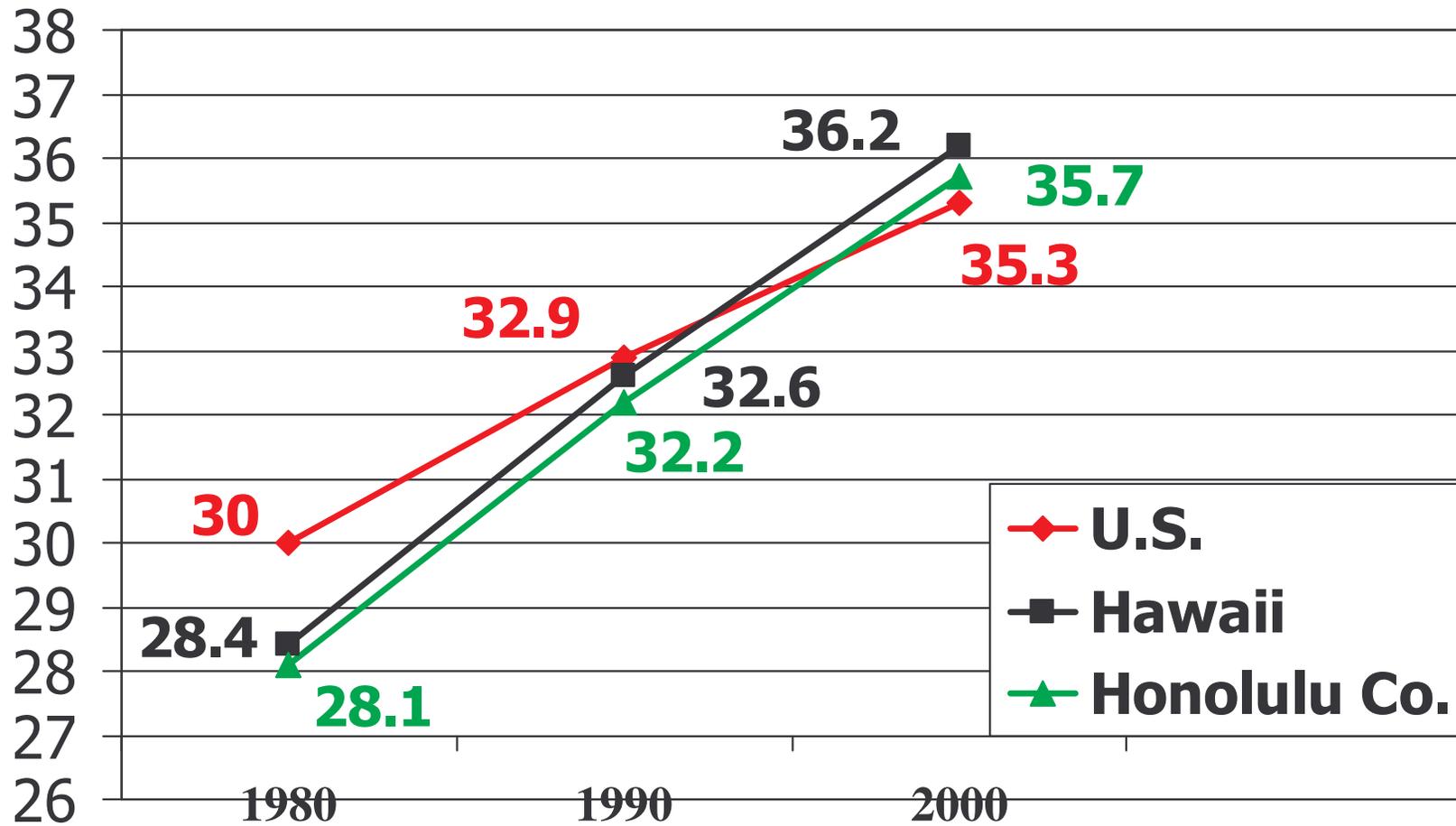
# Differences in 100% and Sample Data

	100%	Sample
<b><i>Total</i></b>	<b><i>1,211,537</i></b>	<b><i>1,211,537</i></b>
White Alone	294,102	292,457
Black or African American Alone	22,003	20,945
American Indian & Alaska Native Alone	3,535	3,216
Asian Alone	503,868	503,950
Native Hawaiian / Pacific Islander Alone	113,539	112,561
Hispanic or Latino	87,699	87,582
Asian Alone or in Combination	703,232	703,720
Japanese Alone or in Combination	296,674	295,875
Native Hawaiian/Pac. Is. Alone or in Comb.	282,667	282,476
Native Hawaiian Alone or in Combination	239,655	241,512

With any sample, differences exist between the counts and characteristics of the sample population with the larger group (100%) from which the sample was chosen.

# Aging of the Population

Median Years of Age



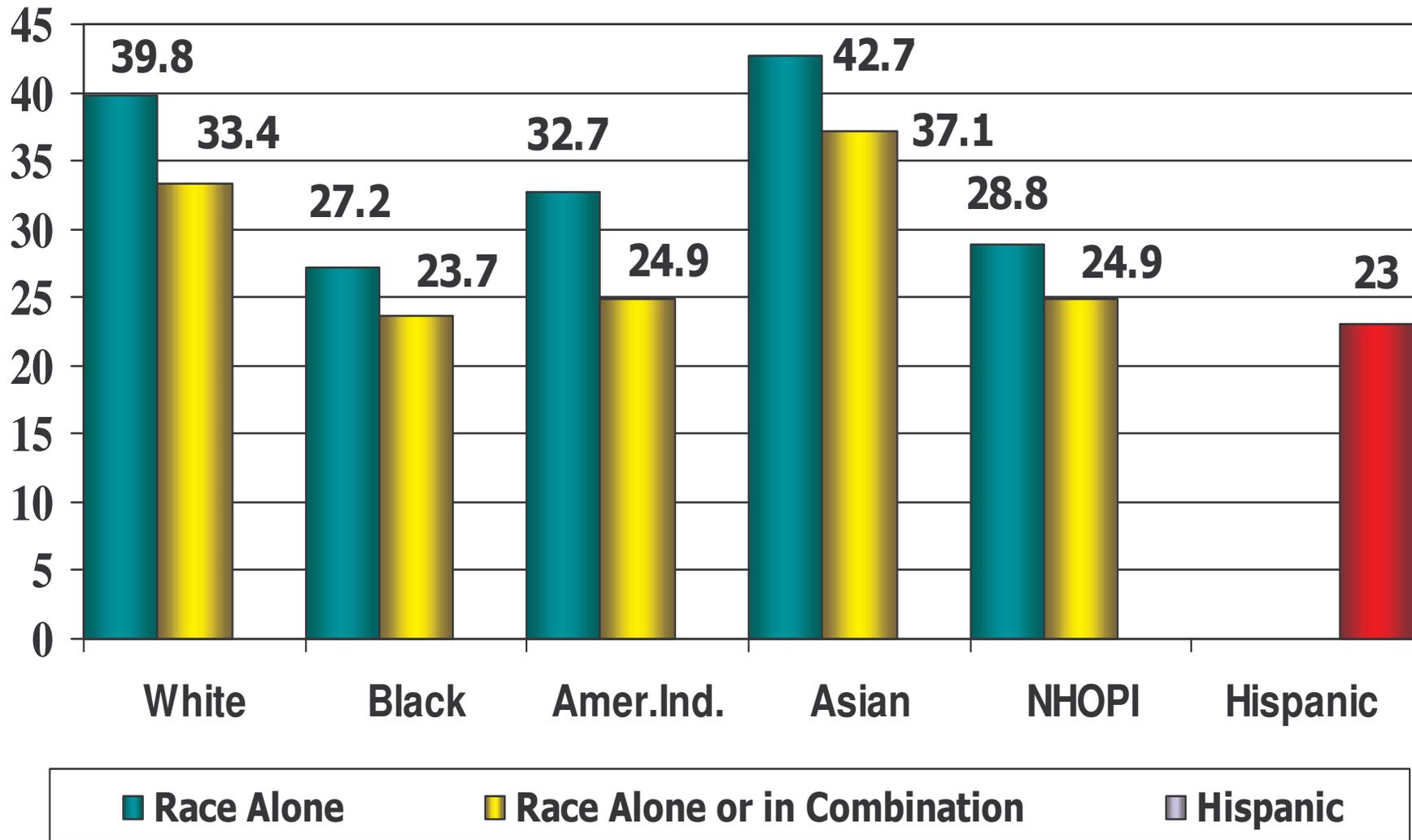
# Aging of the Population

## Median Age

	1980	1990	2000
<b>U.S.</b>	<b>30.0</b>	<b>32.9</b>	<b>35.3</b>
<b>Hawaii</b>	<b>28.4</b>	<b>32.6</b>	<b>36.2</b>
<b>Honolulu County</b>	<b>28.1</b>	<b>32.2</b>	<b>35.7</b>
<b>Hawaii County</b>	<b>29.6</b>	<b>34.4</b>	<b>38.6</b>
<b>Maui County</b>	<b>29.4</b>	<b>33.9</b>	<b>36.8</b>
<b>Kauai County</b>	<b>29.8</b>	<b>33.5</b>	<b>38.4</b>

Summary File 1

# Hawaii Median Age by Race Alone, Race Alone or in Combination, & Hispanic



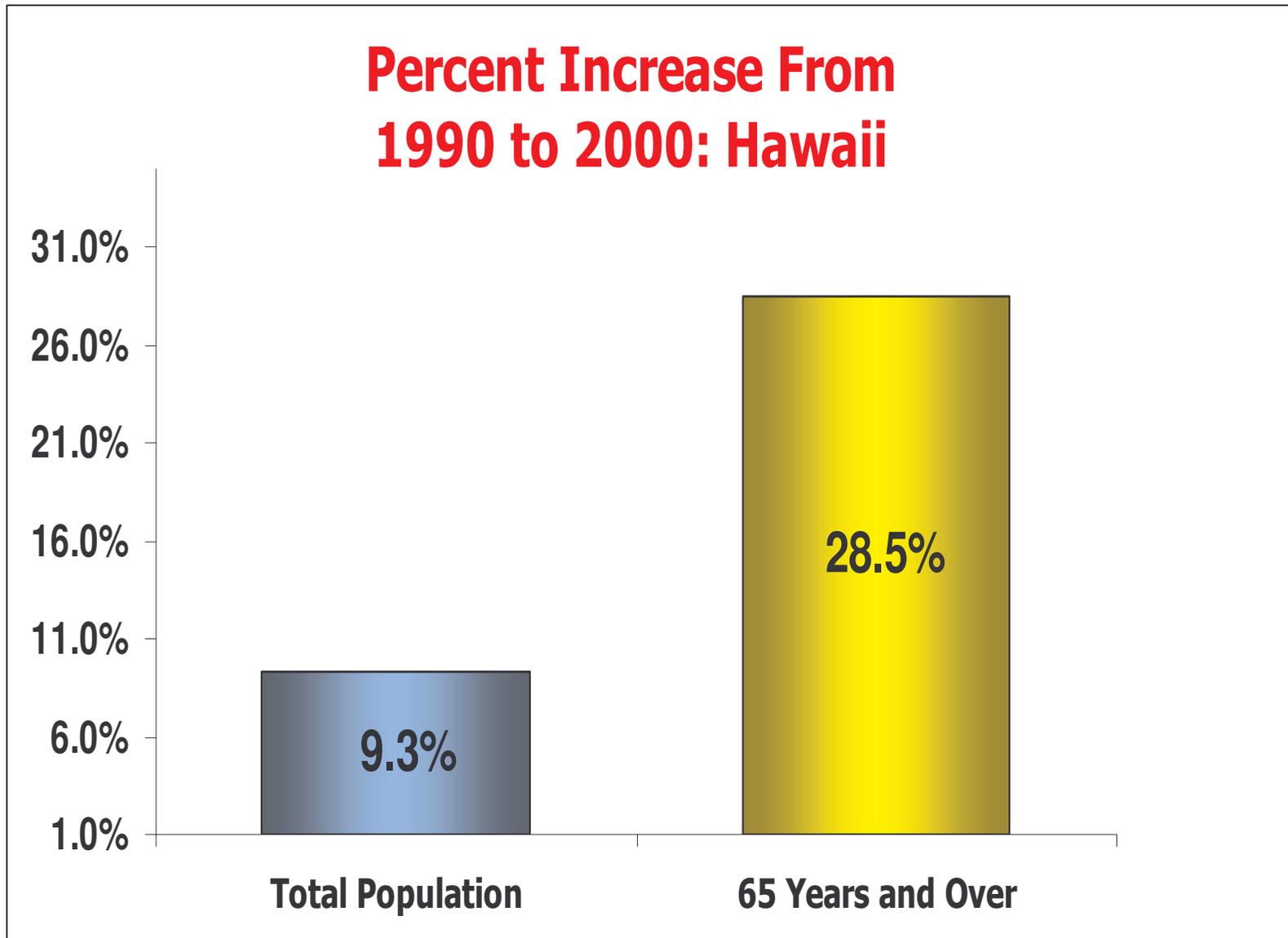
Summary File 2

# The Older Population in Hawaii

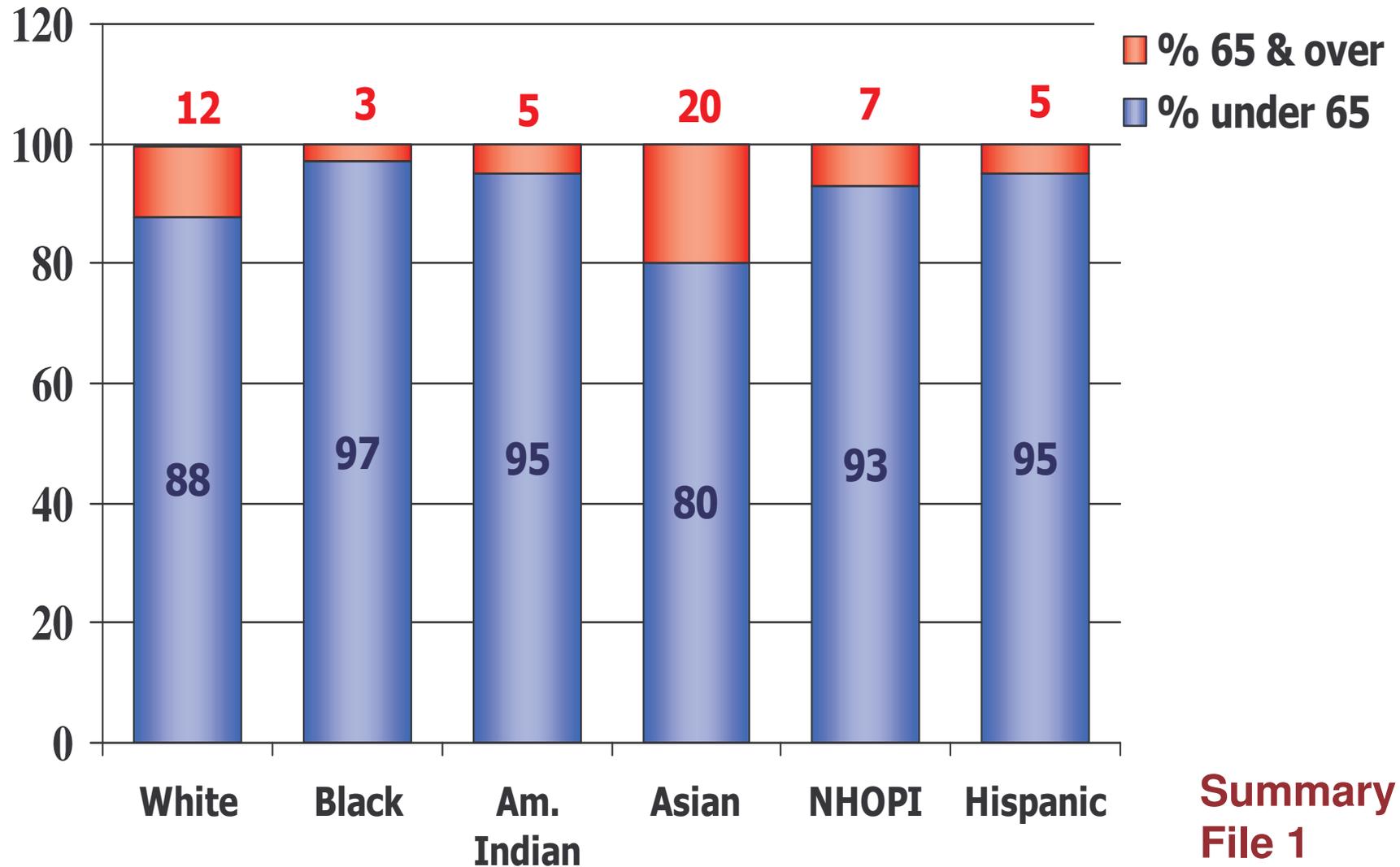
Age	Number	Percent
55 – 59	60,561	5.0
60 - 64	46,400	3.8
<b>65 and over</b>	<b>160,601</b>	<b>13.3</b>
65 - 74	85,262	7.0
75 – 84	57,775	4.8
85 +	17,564	1.4

Summary File 1

# Increase in the Older Population



# Hawaii Percent 65 and Over for Race Alone & Hispanic



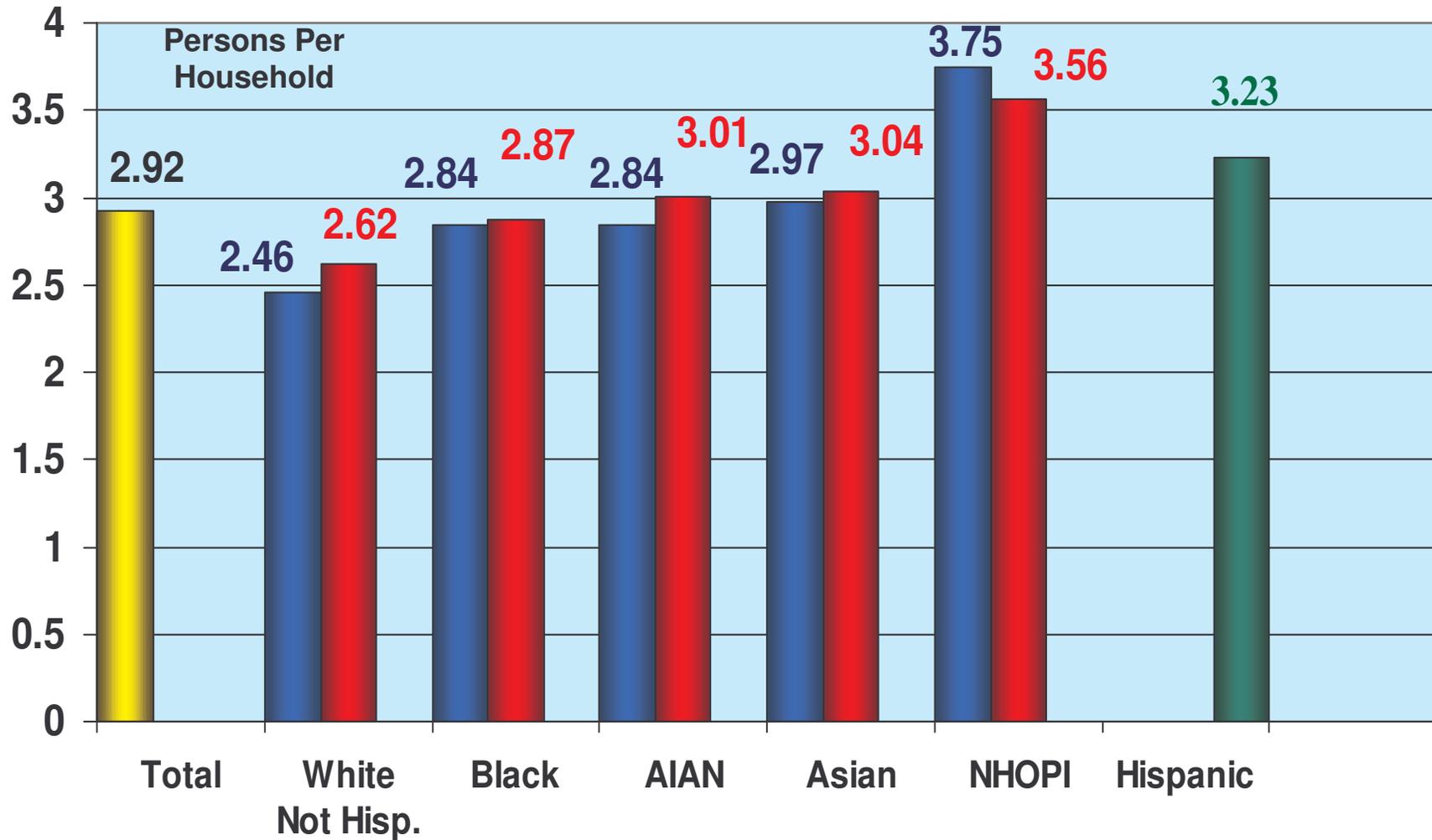
Summary  
File 1

# Average Household Size

	<b>Race Alone</b>	<b>Race Alone or in Comb.</b>
<b>Total</b>	<b>2.92</b>	<b>-</b>
<b>White, Not Hispanic</b>	<b>2.46</b>	<b>2.62</b>
<b>Black or African Amer.</b>	<b>2.84</b>	<b>2.87</b>
<b>Amer. Indian/Alaska Nat.</b>	<b>2.84</b>	<b>3.01</b>
<b>Asian</b>	<b>2.97</b>	<b>3.04</b>
<b>Native Hawaiian / Pac. Is.</b>	<b>3.75</b>	<b>3.56</b>
<b>Hispanic or Latino</b>	<b>3.23</b>	<b>-</b>

**Summary File 2 Table PCT8**

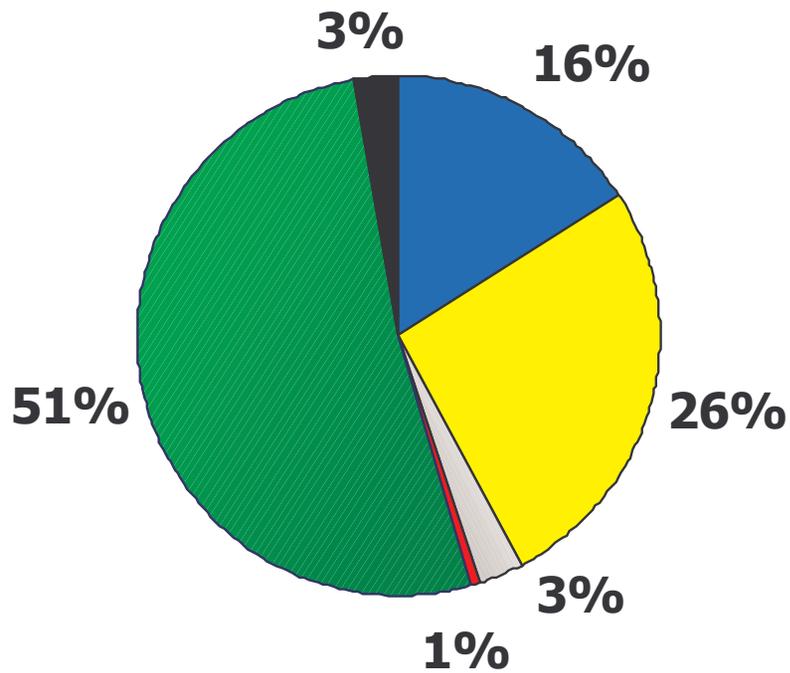
# Hawaii Household Size by Race Alone vs. Race Alone or in Combination & Hispanic



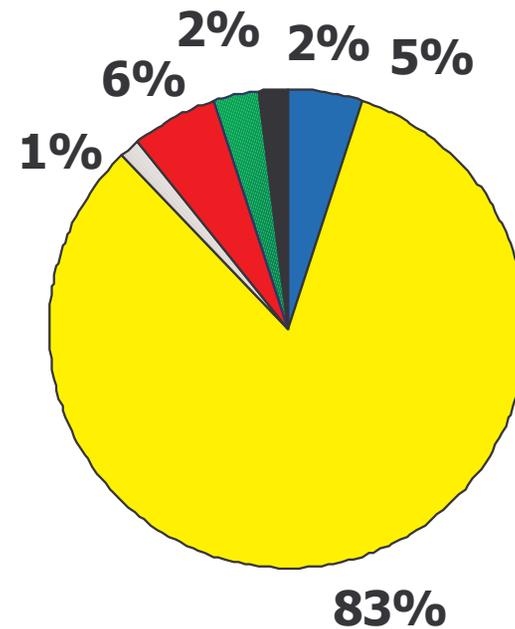
■ Race Alone ■ Race Alone or in Comb. ■ Hispanic

# Region of Birth of the Foreign-born

## U.S.



## Hawaii



Tabulated  
from SF3  
PCT19

■ Europe

■ Oceania

■ Asia

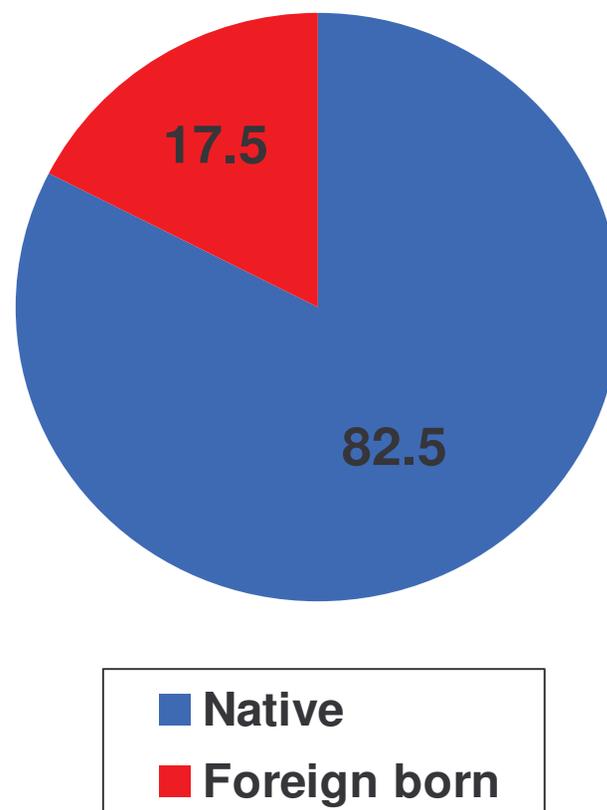
■ Latin America

■ Africa

■ No. America

# Place of Birth by Citizenship Status

	<b>HAWAII</b>
<b>Total</b>	<b>1,211,537</b>
<b>Native:</b>	<b>999,308</b>
Born in Hawaii	689,056
Born in Northeast	50,485
Born in Midwest	59,874
Born in South	60,914
Born in West	108,618
Born Outside U.S.	30,361
<b>Foreign Born:</b>	<b>212,229</b>
Naturalized Citizen	127,532
Not a Citizen	84,697



Tabulated from  
Summary File 3 Table P21

# Language Spoken at Home

Languages	Households	Percent
Total	403,572	100.0
English	265,232	65.7
Spanish	10,905	2.7
Other Indo-European languages	9,198	2.3
Asian & Pacific Islander lang.	117,284	29.1
Other Languages	953	0.2

**Summary File 3 Table P20**

# Language Spoken at Home by Linguistic Isolation

Language Spoken at Home	Households	Percent
<b>Spanish</b>	<b>10,905</b>	
Linguistically isolated	887	8.1
Not Linguistically isolated	10,018	91.9
<b>Other Indo-European languages</b>	<b>9,148</b>	
Linguistically isolated	664	7.3
Not Linguistically isolated	8,534	92.7
<b>Asian &amp; Pacific Islander languages</b>	<b>117,284</b>	
Linguistically isolated	26,112	22.3
Not Linguistically isolated	91,172	77.7
<b>Other Languages</b>	<b>953</b>	
Linguistically Isolated	140	14.7
Not Linguistically Isolated	813	85.3

Tabulated from Summary File 3 Table P20

# Top Languages Spoken at Home

Language	Age 5 - 17	Age 18 & over
Speak only English	177,581	654,788
Pacific Islander Languages	16,323	73,788
Tagalog	6,264	54,703
Japanese	3,999	52,226
Chinese	3,835	25,528
Spanish	2,423	16,397
Korean	2,719	15,618
Vietnamese	1,731	6,539
German	296	3,690
French	330	2,980
Laotian	484	1,436
Thai	229	1,267

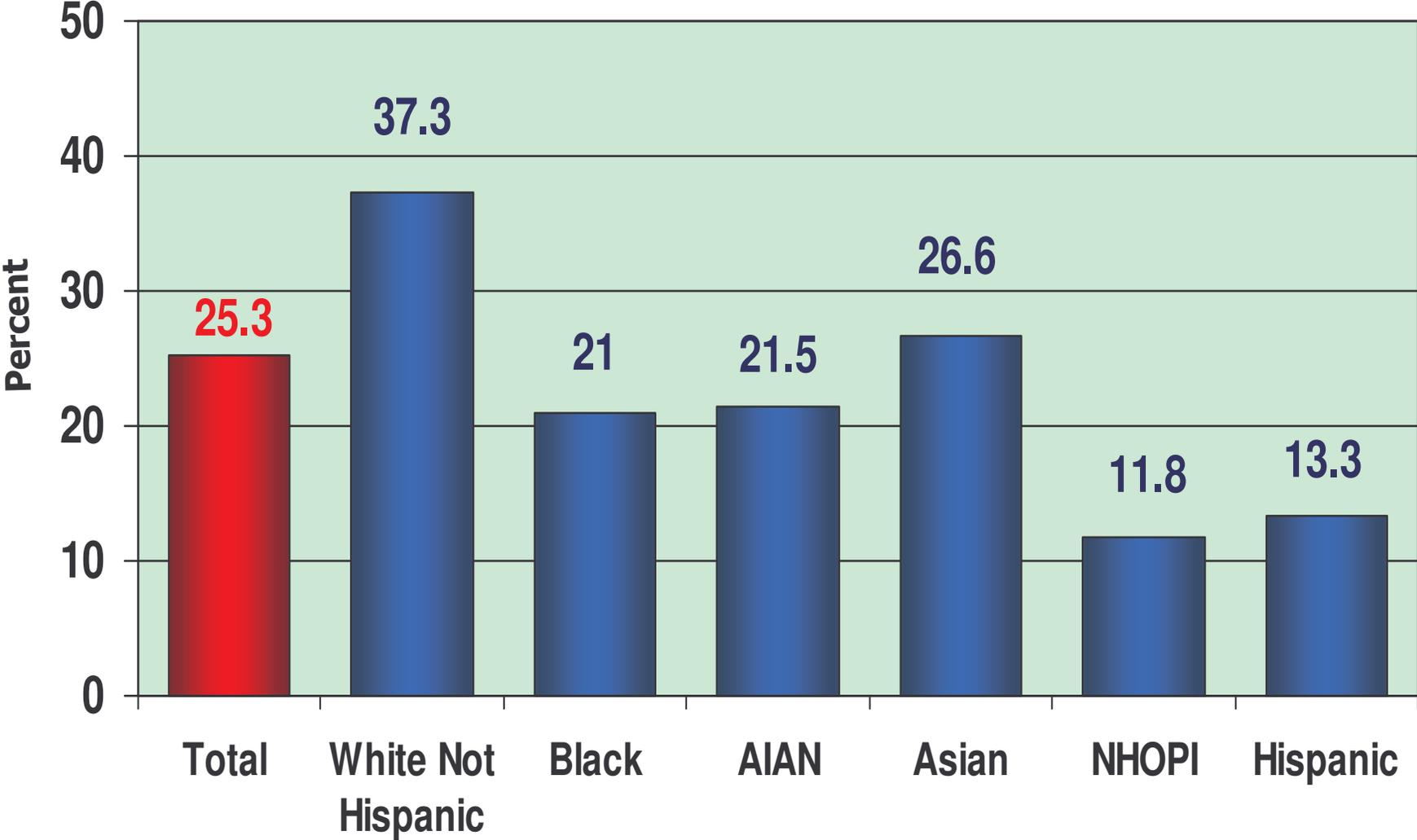
SF3 Table PCT10

# Educational Attainment

<b>Persons Age 25 Years &amp; Over</b>	<b>% High School Grad. Or Higher</b>	<b>% Bachelors Degree Or Higher</b>
<b>Total Population</b>	<b>83.7</b>	<b>25.3</b>
<b>White, Not Hispanic</b>	<b>91.7</b>	<b>37.3</b>
<b>Black or African American</b>	<b>92.9</b>	<b>21.0</b>
<b>Amer. Indian &amp; Alaska Native</b>	<b>91.0</b>	<b>21.5</b>
<b>Asian</b>	<b>79.9</b>	<b>26.6</b>
<b>Native Haw. &amp; Pacific Islander</b>	<b>80.9</b>	<b>11.8</b>
<b>Hispanic or Latino</b>	<b>81.5</b>	<b>13.3</b>

**Tabulated from SF3 Tables P148A-I**

# Hawaii Educational Attainment Percent Bachelor's Degree or Higher



# Educational Attainment

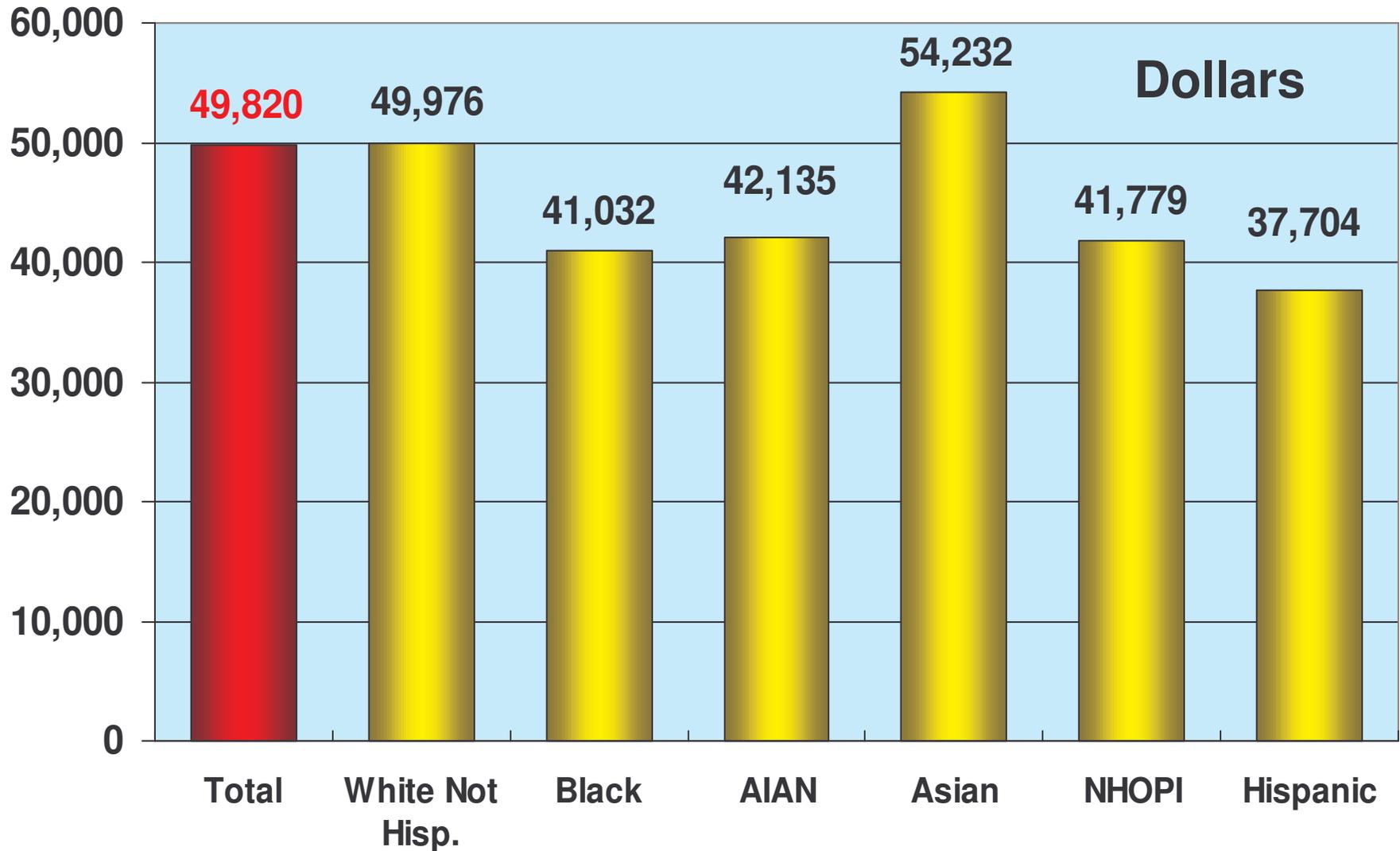
<b>Persons Age 25 &amp; over</b>	<b>Total</b>	<b>% White Not Hispanic</b>	<b>% Black</b>	<b>% Am. Indian</b>	<b>% Asian</b>	<b>% NHOPI</b>	<b>% Hisp.</b>
<b>Less than 9<sup>th</sup> grade</b>	<b>7.2</b>	<b>3.3</b>	<b>1.7</b>	<b>2.3</b>	<b>11.8</b>	<b>5.8</b>	<b>6.1</b>
<b>9<sup>th</sup> to 12<sup>th</sup> grade, no diploma</b>	<b>9.7</b>	<b>5.0</b>	<b>5.4</b>	<b>6.7</b>	<b>8.3</b>	<b>13.3</b>	<b>12.4</b>
<b>High school grad. (incl. Equivalency)</b>	<b>28.5</b>	<b>20.9</b>	<b>24.8</b>	<b>26.7</b>	<b>27.1</b>	<b>41.8</b>	<b>35.1</b>
<b>Some college, no degree</b>	<b>21.8</b>	<b>27.0</b>	<b>36.9</b>	<b>34.2</b>	<b>17.9</b>	<b>21.0</b>	<b>24.2</b>
<b>Associate degree</b>	<b>8.1</b>	<b>7.9</b>	<b>10.8</b>	<b>8.9</b>	<b>8.4</b>	<b>6.4</b>	<b>8.9</b>
<b>Bachelor's degree</b>	<b>17.8</b>	<b>21.8</b>	<b>13.9</b>	<b>14.4</b>	<b>19.7</b>	<b>8.5</b>	<b>9.2</b>
<b>Graduate or professional deg.</b>	<b>7.5</b>	<b>15.6</b>	<b>7.1</b>	<b>7.2</b>	<b>6.9</b>	<b>3.3</b>	<b>4.2</b>

# Income

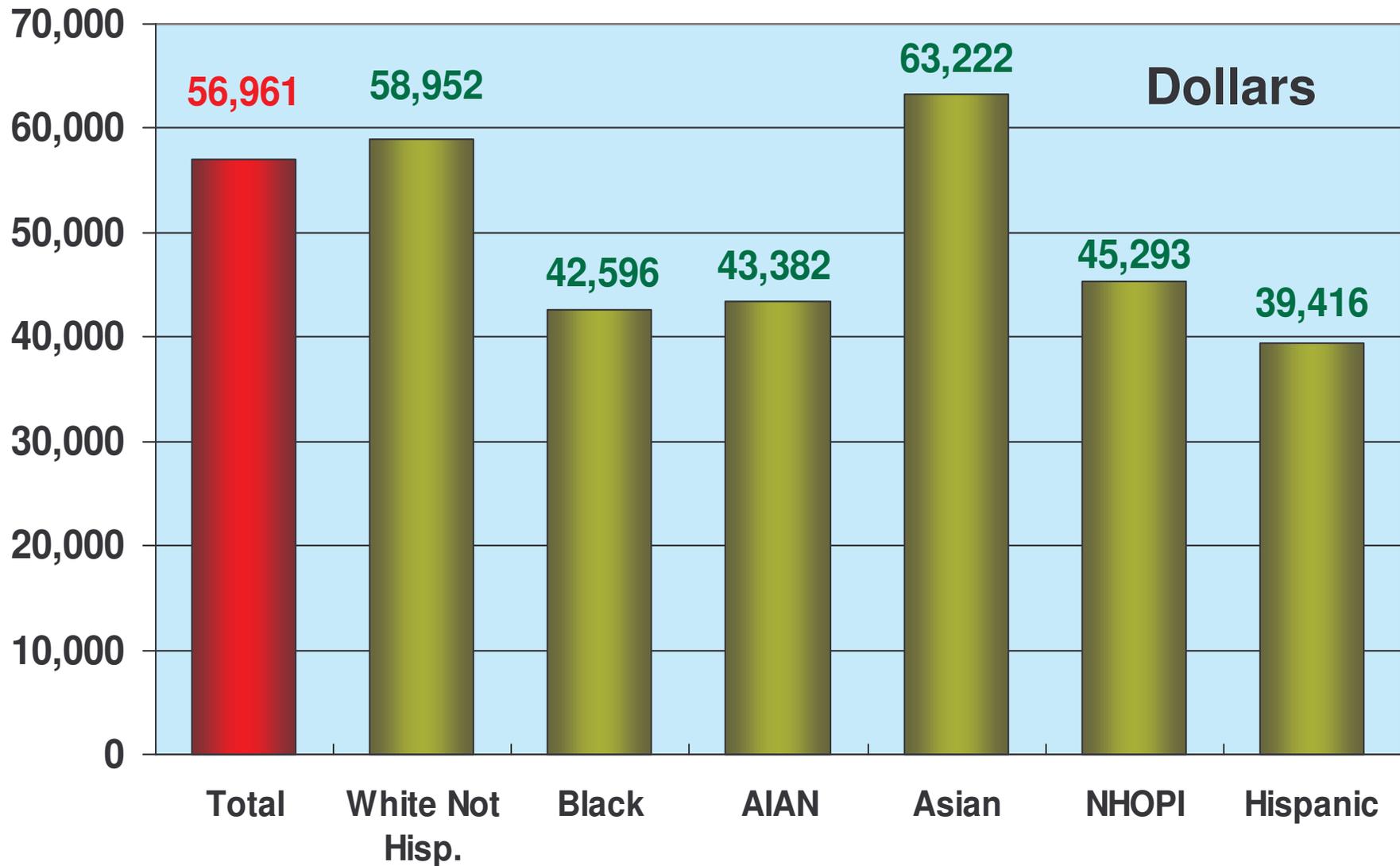
<b>Income in 1999</b>	<b>Median Household Inc. (in dollars)</b>	<b>Median Family Inc. (in dollars)</b>	<b>Per Capita Inc. (in dollars)</b>
<b>Total Population</b>	<b>49,820</b>	<b>56,961</b>	<b>21,525</b>
<b>White, Not Hispanic</b>	<b>49,976</b>	<b>58,952</b>	<b>30,199</b>
<b>Black or African American</b>	<b>41,032</b>	<b>42,596</b>	<b>19,151</b>
<b>Amer. Indian / Alaska Nat.</b>	<b>42,135</b>	<b>43,382</b>	<b>19,696</b>
<b>Asian</b>	<b>54,232</b>	<b>63,222</b>	<b>22,884</b>
<b>Native Haw. / Pacific Is.</b>	<b>41,779</b>	<b>45,293</b>	<b>14,375</b>
<b>Hispanic or Latino</b>	<b>37,704</b>	<b>39,416</b>	<b>12,896</b>

**SF3 Tables P152(A-I), P155(A-I), P157(A-I)**

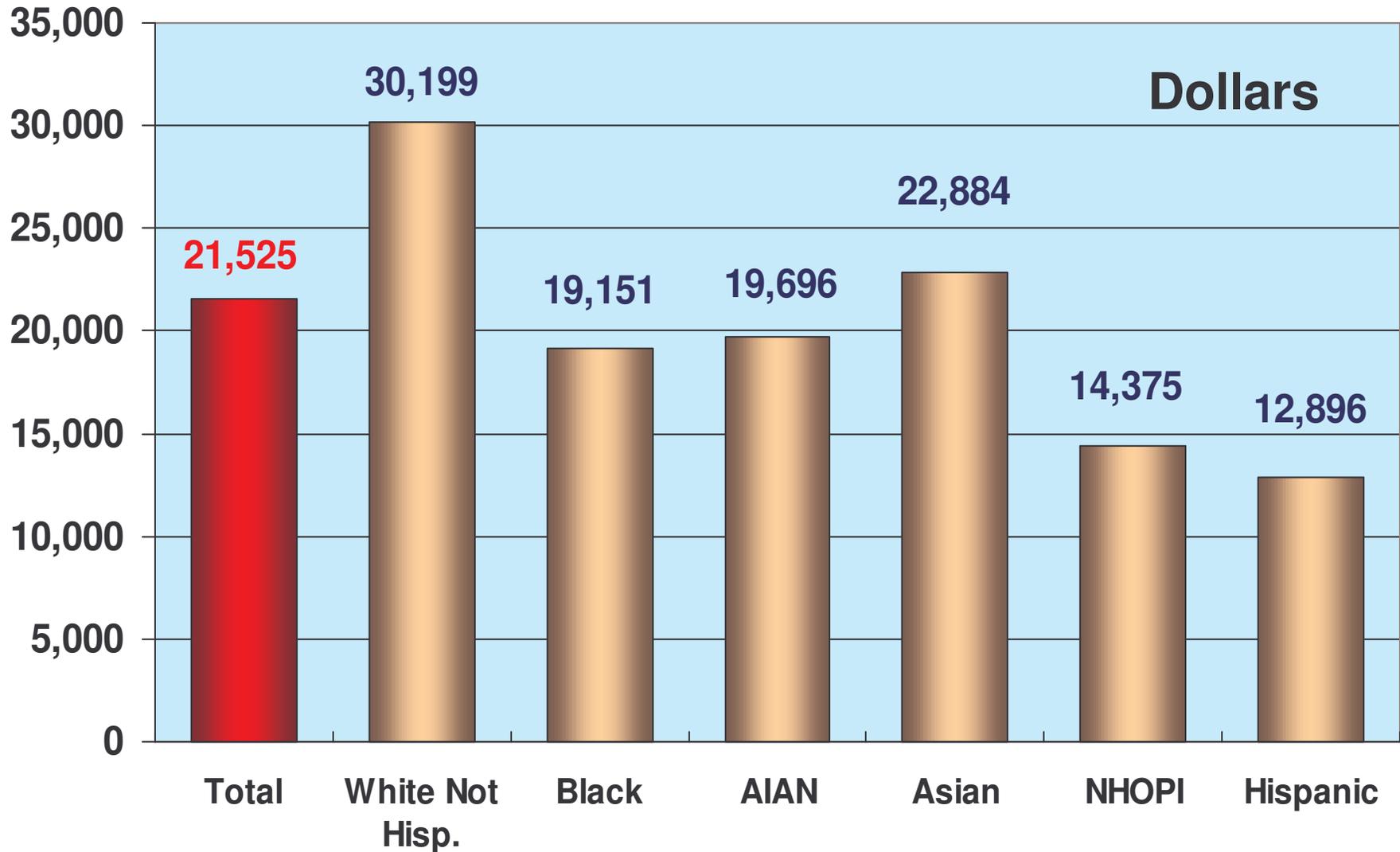
# Hawaii Median Household Income by Race Alone & Hispanic



# Hawaii Median Family Income by Race Alone & Hispanic



# Hawaii Per Capita Income by Race Alone & Hispanic



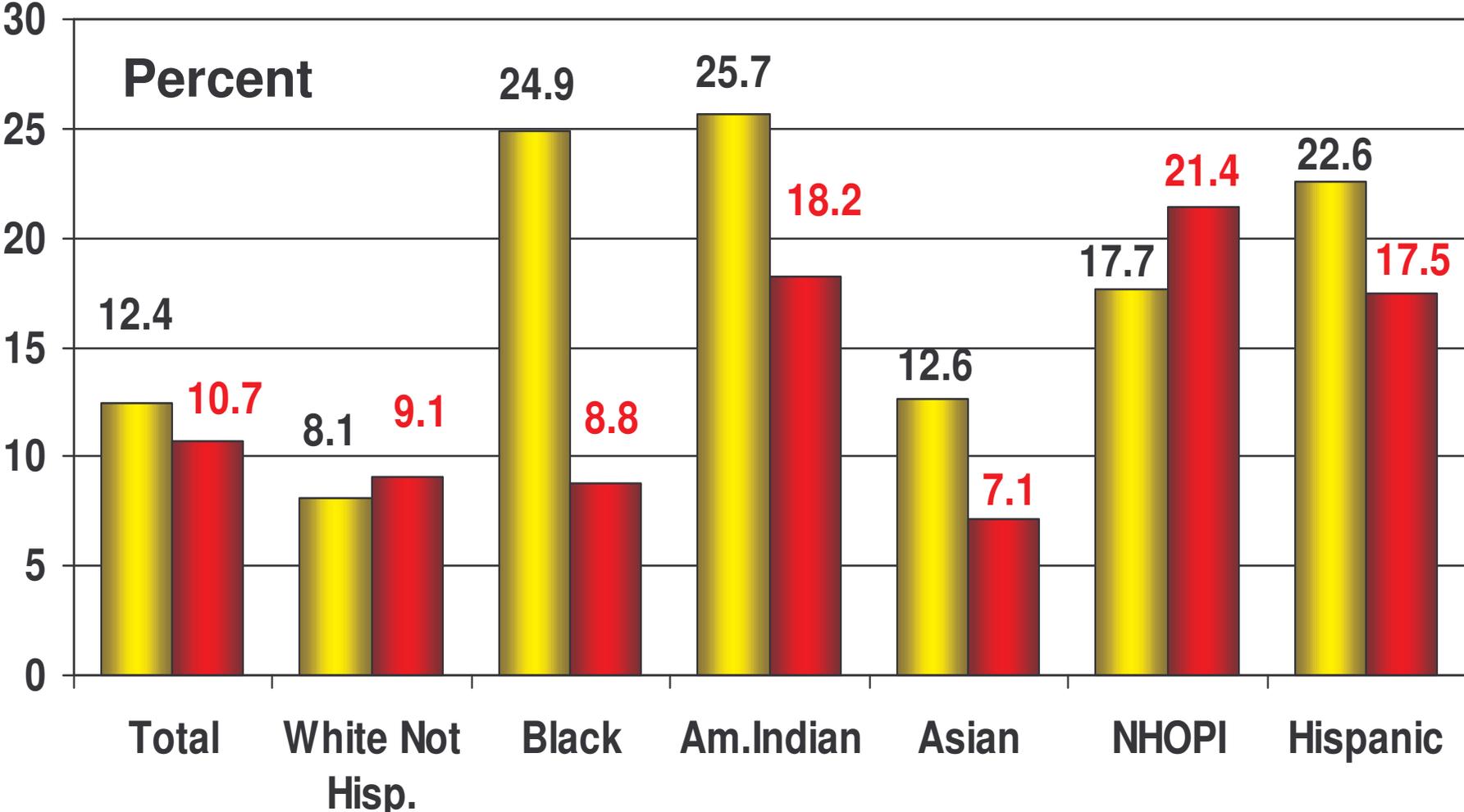
# Persons Below Poverty

	Population for Whom Poverty Status is Determined	Income in 1999 Below Poverty Level	Percent Below Poverty
<b>Total</b>	<b>1,178,795</b>	<b>126,154</b>	<b>10.7</b>
<b>White, Not Hispanic</b>	<b>263,792</b>	<b>23,986</b>	<b>9.1</b>
<b>Black or African American</b>	<b>18,186</b>	<b>1,605</b>	<b>8.8</b>
<b>Amer. Indian/Alaska Native</b>	<b>2,935</b>	<b>533</b>	<b>18.2</b>
<b>Asian</b>	<b>496,540</b>	<b>35,399</b>	<b>7.1</b>
<b>Native Hawaiian/Pacific Isl.</b>	<b>110,199</b>	<b>23,609</b>	<b>21.4</b>
<b>Hispanic or Latino</b>	<b>83,993</b>	<b>14,730</b>	<b>17.5</b>

**SF3 Table P159(A-I)**

# Persons Below Poverty

■ U.S. ■ Hawaii



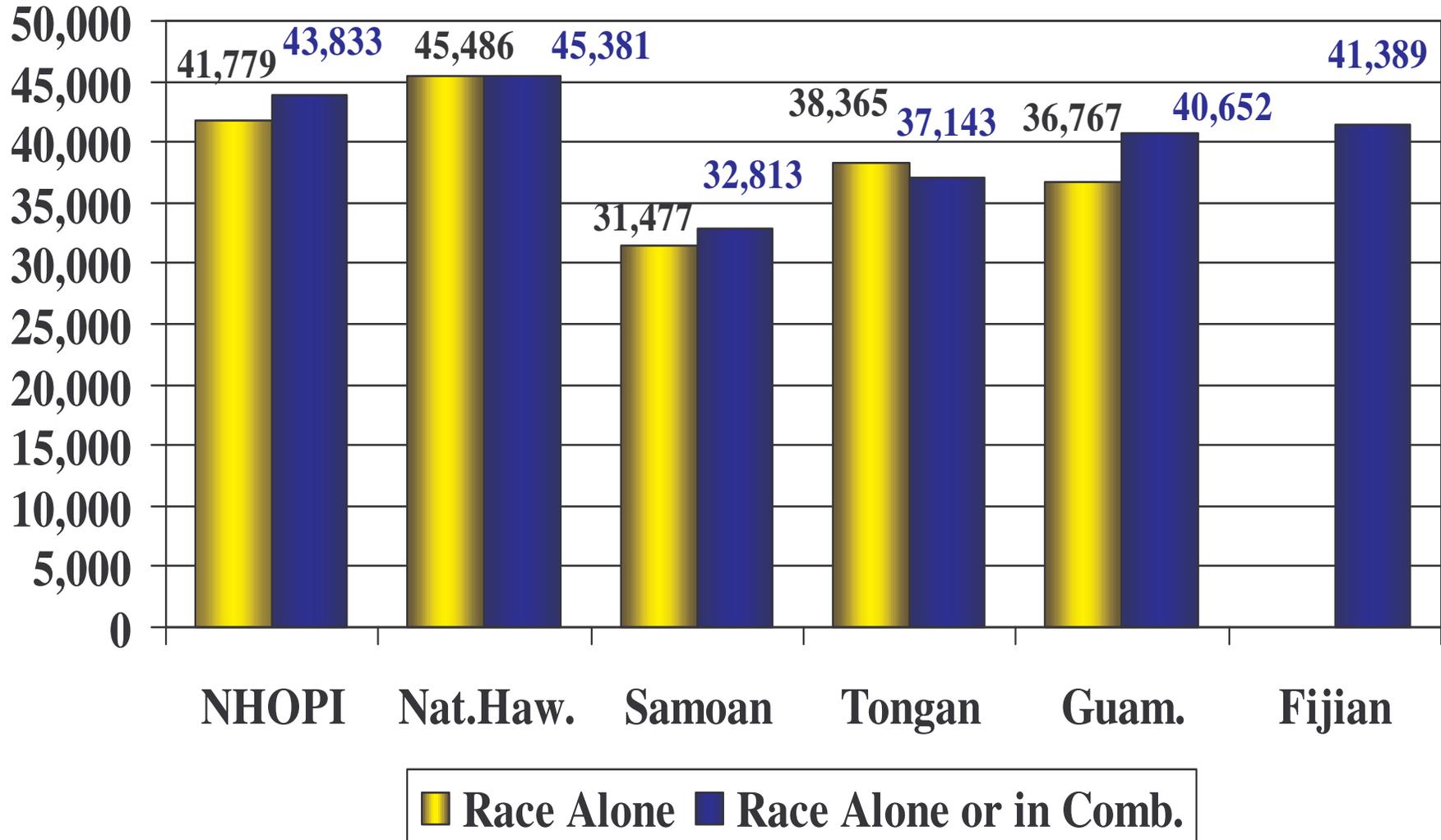
# Median Household Income for NHOPI Groups

	Race Alone	Race Alone or in Comb.
<b>Native Hawaiian &amp; Pacific Is.</b>	<b>41,779</b>	<b>43,833</b>
<b>Native Hawaiian</b>	<b>45,486</b>	<b>45,381</b>
<b>Samoan</b>	<b>31,477</b>	<b>32,813</b>
<b>Tongan</b>	<b>38,365</b>	<b>37,143</b>
<b>Guamanian or Chamorro</b>	<b>36,767</b>	<b>40,652</b>
<b>Fijian</b>	<b>*</b>	<b>41,389</b>

\* Population threshold is 100. In addition, there must be 50 or more unweighted cases of the population group.

**Summary File 4 Table PCT89**

# Median Household Income for NHOPI Groups



## Management, Professional, & Related Occupations: Males by Race Alone and Hispanic

Race Alone & Hispanic	Males	Percent
<b>Total</b>	<b>84,043</b>	<b>100.0</b>
<b>White</b>	<b>31,146</b>	<b>37.1</b>
<b>Black or African American</b>	<b>1,293</b>	<b>1.5</b>
<b>Amer. Indian / Alaskan Nat.</b>	<b>193</b>	<b>0.2</b>
<b>Asian</b>	<b>36,134</b>	<b>43.0</b>
<b>Native Hawaiian &amp; Pac. Is.</b>	<b>4,073</b>	<b>4.8</b>
<b>Some Other Race</b>	<b>672</b>	<b>0.8</b>
<b>Two or More Races</b>	<b>10,532</b>	<b>12.5</b>
<b>Hispanic (any race)</b>	<b>1,278</b>	<b>1.5</b>

**Summary File 4 Table PCT86**

## Management, Professional, and Related Occupations: Males Race Alone Not Hispanic & Hispanic

Race Alone not Hispanic	Males	Percent
<b>Total</b>	<b>84,043</b>	<b>100.0</b>
<b>White</b>	<b>30,192</b>	<b>35.9</b>
<b>Black or African American</b>	<b>1,269</b>	<b>1.5</b>
<b>Amer. Indian / Alaskan Nat.</b>	<b>150</b>	<b>0.2</b>
<b>Asian</b>	<b>35,742</b>	<b>42.5</b>
<b>Native Hawaiian &amp; Pac. Is.</b>	<b>3,952</b>	<b>4.7</b>
<b>Some Other Race</b>	<b>173</b>	<b>0.2</b>
<b>Two or More Races</b>	<b>9,582</b>	<b>11.4</b>
<b>Hispanic</b>	<b>1,278</b>	<b>1.5</b>

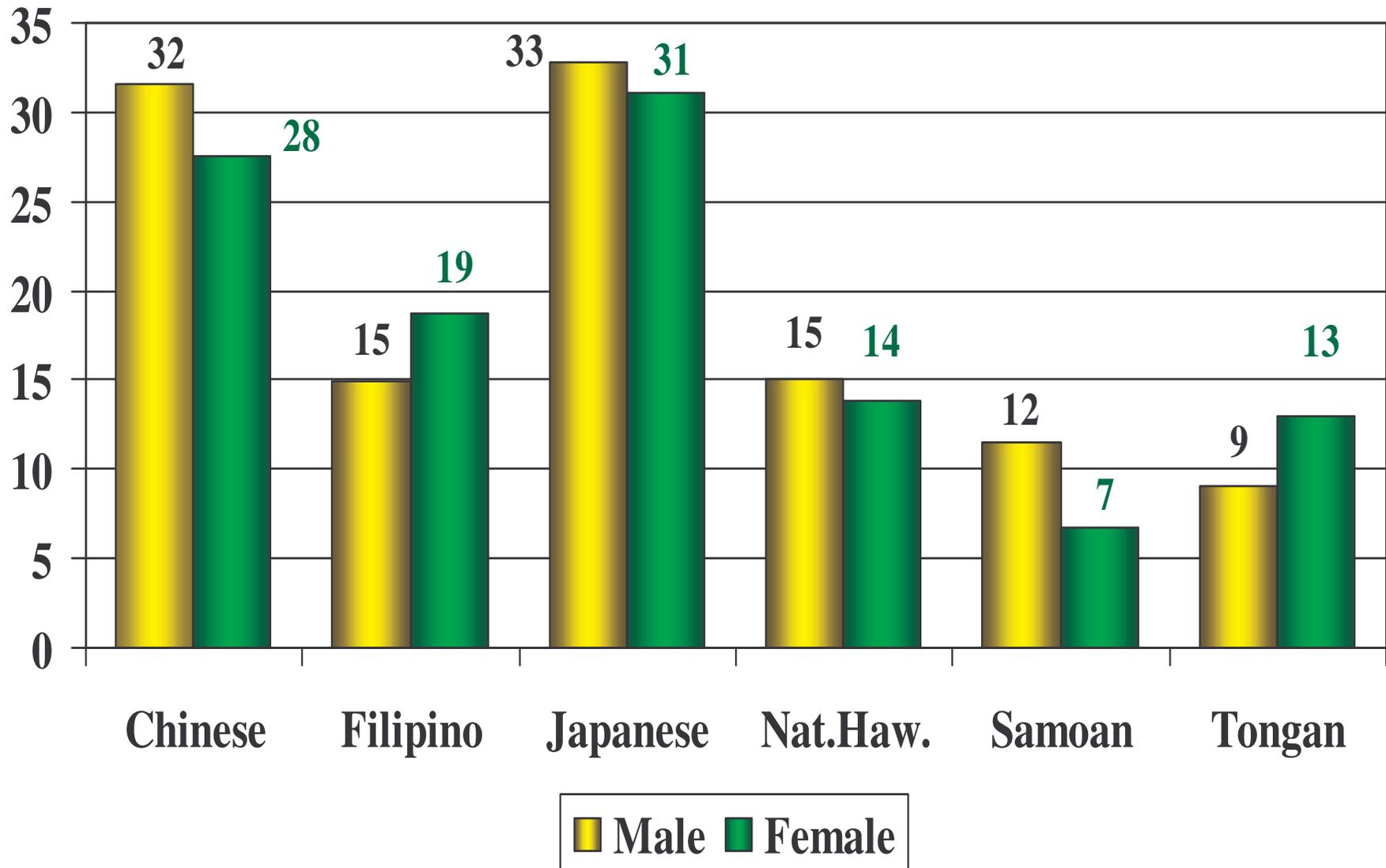
Summary File 4 Table PCT86

## Percent Bachelors Degree or Higher Selected Groups Race Alone or in Combination by Sex in Honolulu County

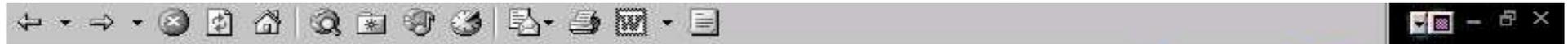
<b>Race Alone or in Comb.</b>	<b>Males Age 25+</b>	<b>Males Bach. or higher</b>	<b>Percent Bach. or higher</b>	<b>Females Age 25+</b>	<b>Females Bach. or higher</b>	<b>Percent Bach. or higher</b>
<b>Chinese</b>	<b>38,615</b>	<b>12,206</b>	<b>31.6</b>	<b>43,471</b>	<b>11,975</b>	<b>27.5</b>
<b>Filipino</b>	<b>52,595</b>	<b>7,817</b>	<b>14.9</b>	<b>58,032</b>	<b>10,879</b>	<b>18.7</b>
<b>Japanese</b>	<b>76,399</b>	<b>25,036</b>	<b>32.8</b>	<b>86,433</b>	<b>26,923</b>	<b>31.1</b>
<b>Nat. Haw.</b>	<b>38,692</b>	<b>5,823</b>	<b>15.0</b>	<b>40,817</b>	<b>5,616</b>	<b>13.8</b>
<b>Samoan</b>	<b>4,670</b>	<b>536</b>	<b>11.5</b>	<b>4,708</b>	<b>317</b>	<b>6.7</b>
<b>Tongan</b>	<b>1,023</b>	<b>93</b>	<b>9.1</b>	<b>912</b>	<b>119</b>	<b>13.0</b>

**Tabulated from Summary File 4 Table PCT64**

# Percent Bachelors Degree or Higher Selected Groups Race Alone or in Combination by Sex in Honolulu County



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United States Department of Commerce



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Population Clocks

**U.S. 292,581,805**  
World **6,329,547,700**  
12:34 EST Nov 13, 2003



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# Resources Need Assistance?

U.S. Bureau of the Census  
Partnership & Data Services Program  
15350 Sherman Way, Suite 300  
Van Nuys, Ca 91406



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L.A. Regional Website: [www.census.gov/losangeles](http://www.census.gov/losangeles)  
[lro.isp-partnership@census.gov](mailto:lro.isp-partnership@census.gov)  
[Jerry.B.Wong@census.gov](mailto:Jerry.B.Wong@census.gov)



# **Census Data Local Resources**



## **Hawaii State Data Center**

**Dept. of Business, Economic Development & Tourism  
No. 1 Capitol District Building, 250 S. Hotel St., Room 435  
Honolulu, Hawaii 96813  
(808) 586-2493 Jan Nakamoto [www.hawaii.gov/dbedt](http://www.hawaii.gov/dbedt)**

## **Business Research Library**

**Hawaii Small Business Development Center  
590 Lipoa Parkway, #136 Kihei, Hawaii 96753  
(808) 875-2410 / Neighbor Islands (800) 509-3100 Ruth Corn**

## **Papa Ola Lokahi - Census Information Center**

**894 Queen St., #104 Honolulu, Hawaii 96813  
(808) 597-6550 Momi Lovell**

## **Government Depository Libraries**



# Local Resources

## Hawaii State Data Center Affiliates

### Hawaii

Dept. of Research & Development	Collette Rapozo-Yamamoto	961-8366
Edwin H. Mookini Library – UHH	Susan Maesato	974-7577
Kona-Kohala Chamber of Commerce	Cindy Staudt	329-1758

### Kauai

Office of Economic Development	Bill Spitz	241-6390
Learning Resources Center/Library	Bob Kajiwara	245-8236

### Maui

Hawaii SBDC Business Res. Library	Ruth Corn	875-2400
Planning Department	Daren Suzuki	270-7735
Maui County Economic Development	Lynn Araki-Regan	270-7710

# Hawaii State Data Center Affiliates

## Oahu

<b>Alu Like Inc.</b>	<b>Bella Zi Bell</b>	<b>535-1365</b>
<b>Chamber of Commerce of Hawaii</b>	<b>Randall Hiyoto</b>	<b>545-4300</b>
<b>Dept. of Bus., Econ. Dev. &amp; Tourism Library</b>	<b>Debra Miyashiro</b>	<b>586-2424</b>
<b>City &amp; Co. of Honolulu Planning Dept.</b>	<b>Steve Young</b>	<b>527-6058</b>
<b>Department of Human Services</b>	<b>Edward Nishimura</b>	<b>586-5109</b>
<b>Executive Office on Aging</b>	<b>Tammy Tom</b>	<b>586-0100</b>
<b>Hamilton Library – Government Docs. UH</b>	<b>Mabel Suzuki</b>	<b>956-2551</b>
<b>Hamilton Library – Hawaiian Collection, UH</b>	<b>Dore Minatodani</b>	<b>956-8264</b>
<b>Hawaii State Library</b>	<b>Patrick McNally</b>	<b>586-3535</b>
<b>Information &amp; Comm. Svcs. Division</b>	<b>Karen Higa</b>	<b>586-1940</b>
<b>Information Technology Services - UH</b>	<b>Ginger Carey</b>	<b>956-2387</b>
<b>Oahu Metropolitan Planning Org.</b>	<b>Laureen Brennan</b>	<b>587-2015</b>
<b>Office of Hawaiian Affairs</b>	<b>Noella Kong</b>	<b>594-1938</b>
<b>Office of Health Status Monitoring</b>	<b>Alvin Onaka</b>	<b>586-4600</b>
<b>Office of Elections</b>	<b>Dwayne Yoshina</b>	<b>453-8683</b>