

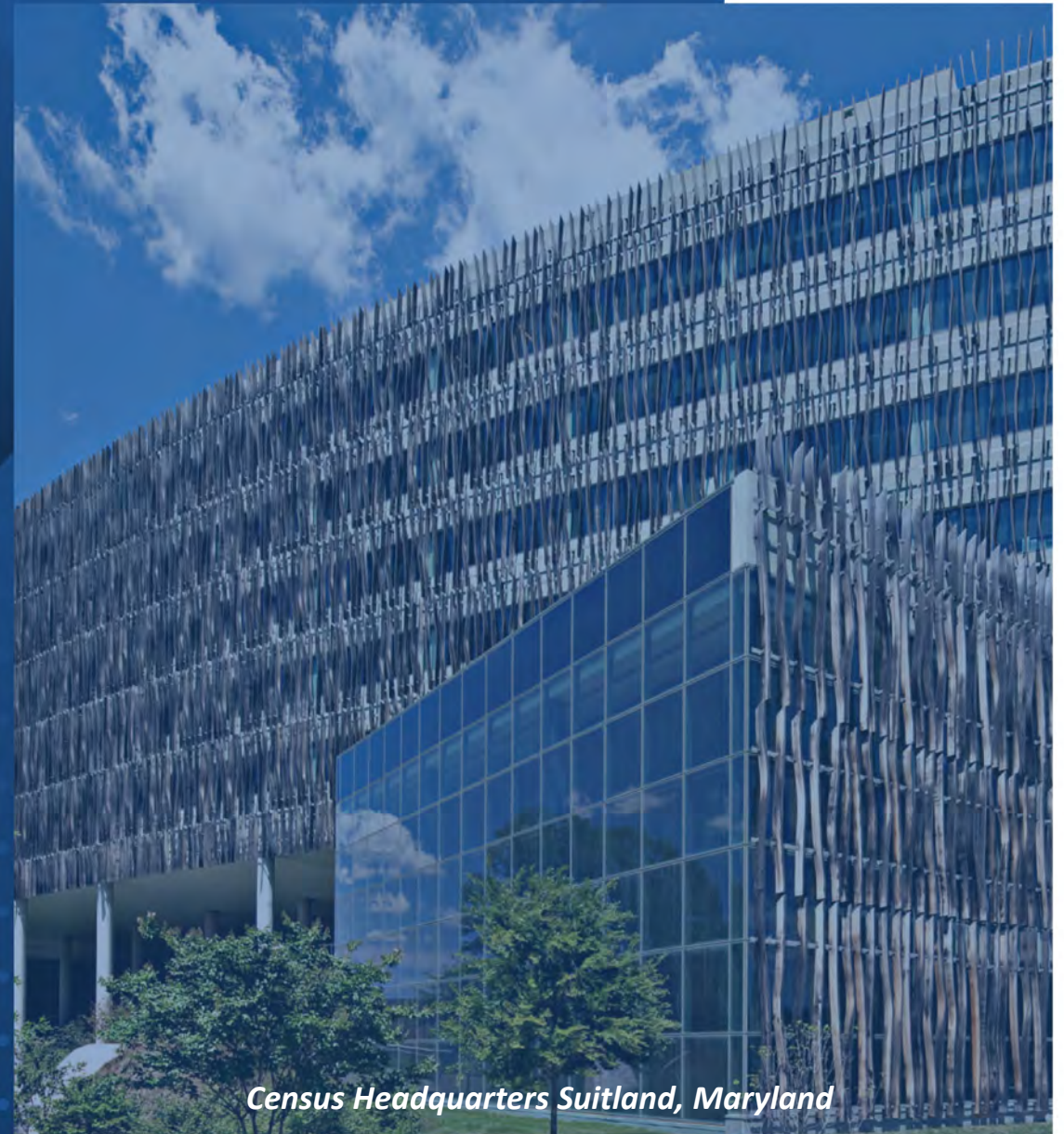
# Using Census Data for Planning

August 22, 2022

Armando Mendoza

U.S. Census Bureau

Data Dissemination and Training Branch



*Census Headquarters Suitland, Maryland*

# Objectives

- ✓ 2020 Census First Results
- ✓ Describe the differences between the Decennial Census and the American Community Survey (ACS)
- ✓ Selected ACS Characteristics
- ✓ Live Demo - Navigate census.gov and access data through Census data tools



# Decennial Census



Apportion representation among states as mandated by Article 1, Section 2 of the U.S. Constitution:

***Representatives and direct Taxes shall be apportioned among the several States which may be included within this union, according to their respective Numbers ...***

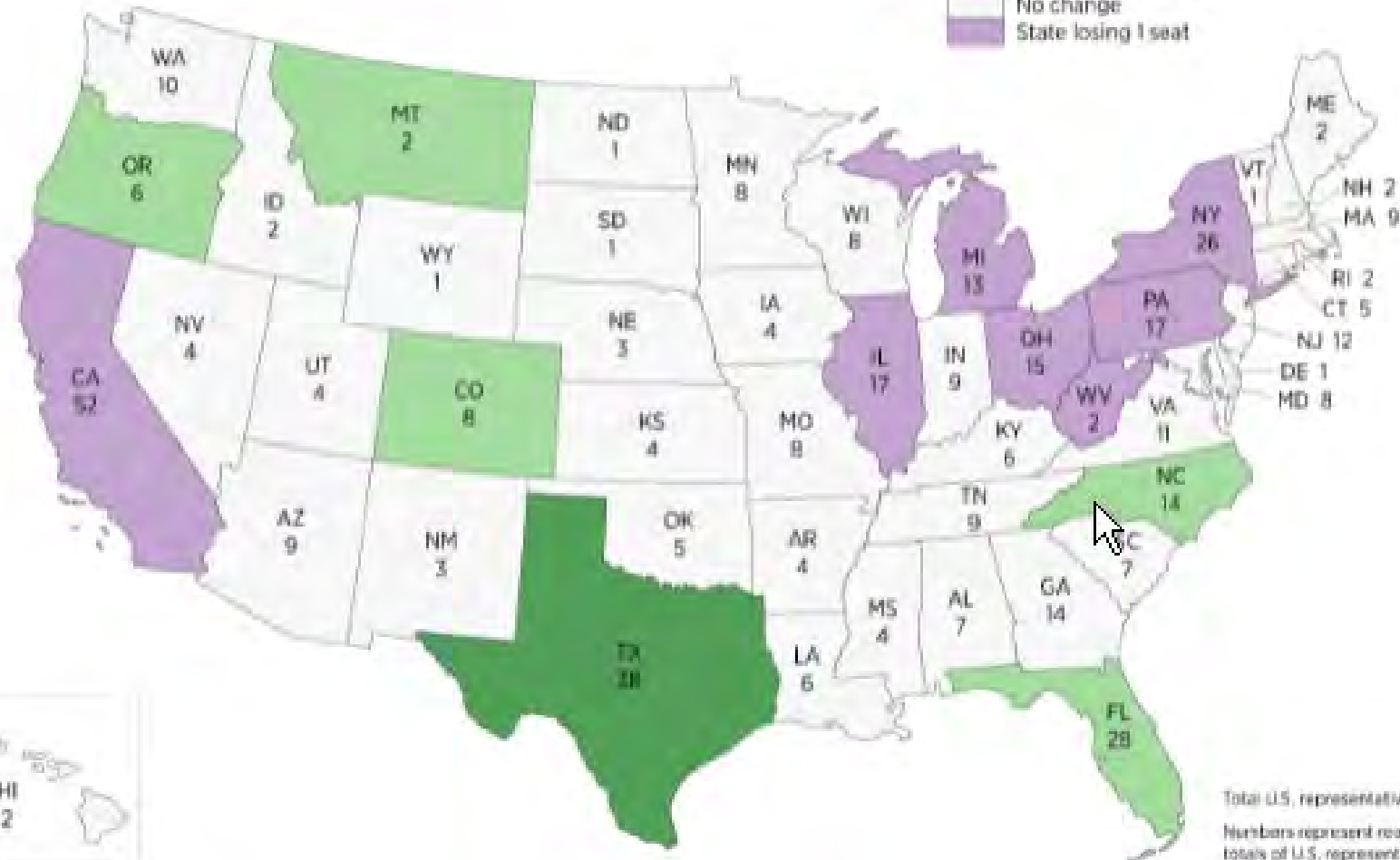
***The actual Enumeration shall be made within three Years after the first Meeting of the Congress of the United States, and within every subsequent Term of ten years, in such Manner as they shall by Law direct.***

# Apportionment of the U.S. House of Representatives Based on the 2020 Census



### Change from 2010 to 2020

- State gaining 2 seats
- State gaining 1 seat
- No change
- State losing 1 seat



Total U.S. representatives: 435  
Numbers represent reapportioned totals of U.S. representatives

# Redistricting File (P.L. 94-171)

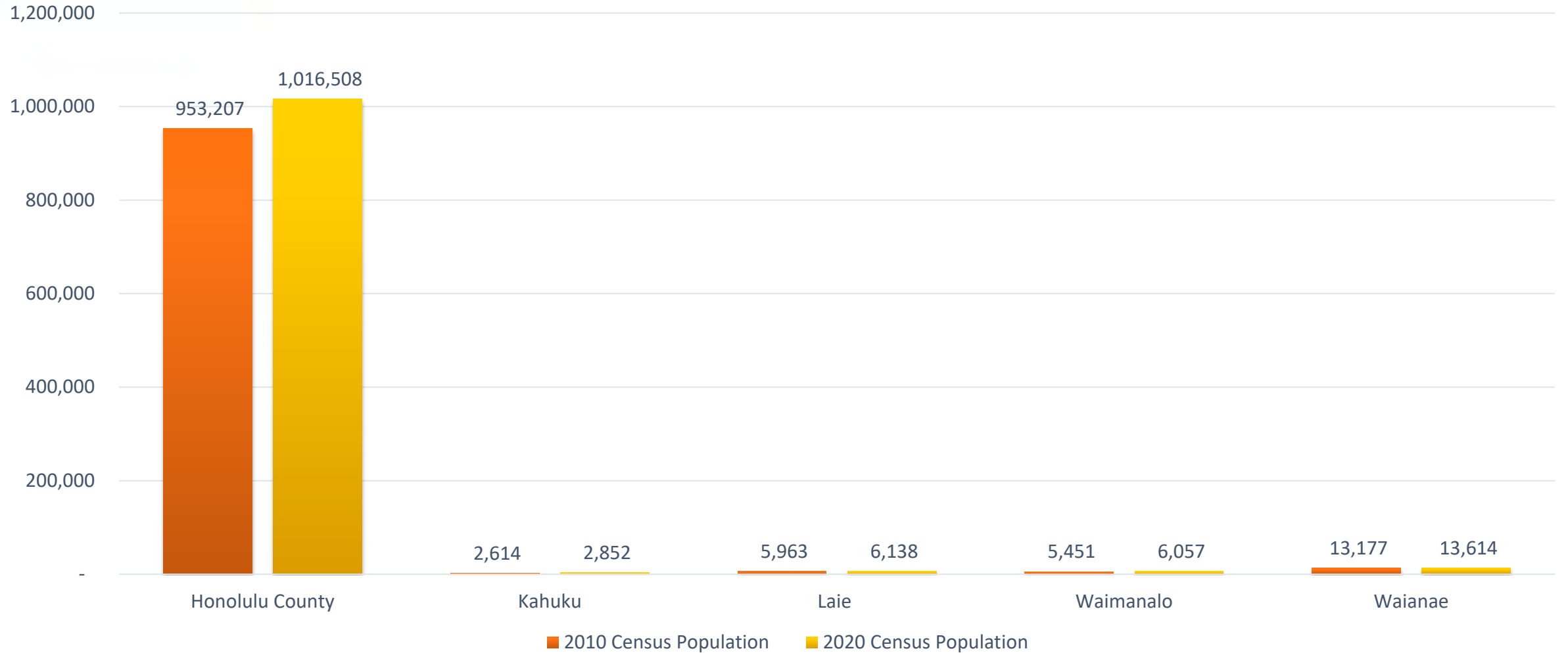
---

Public Law 94-171 directs the Census Bureau to provide data to the governors and legislative leadership in each of the 50 states for redistricting purposes. This product is the first file released that includes demographic and housing characteristics about detailed geographic areas

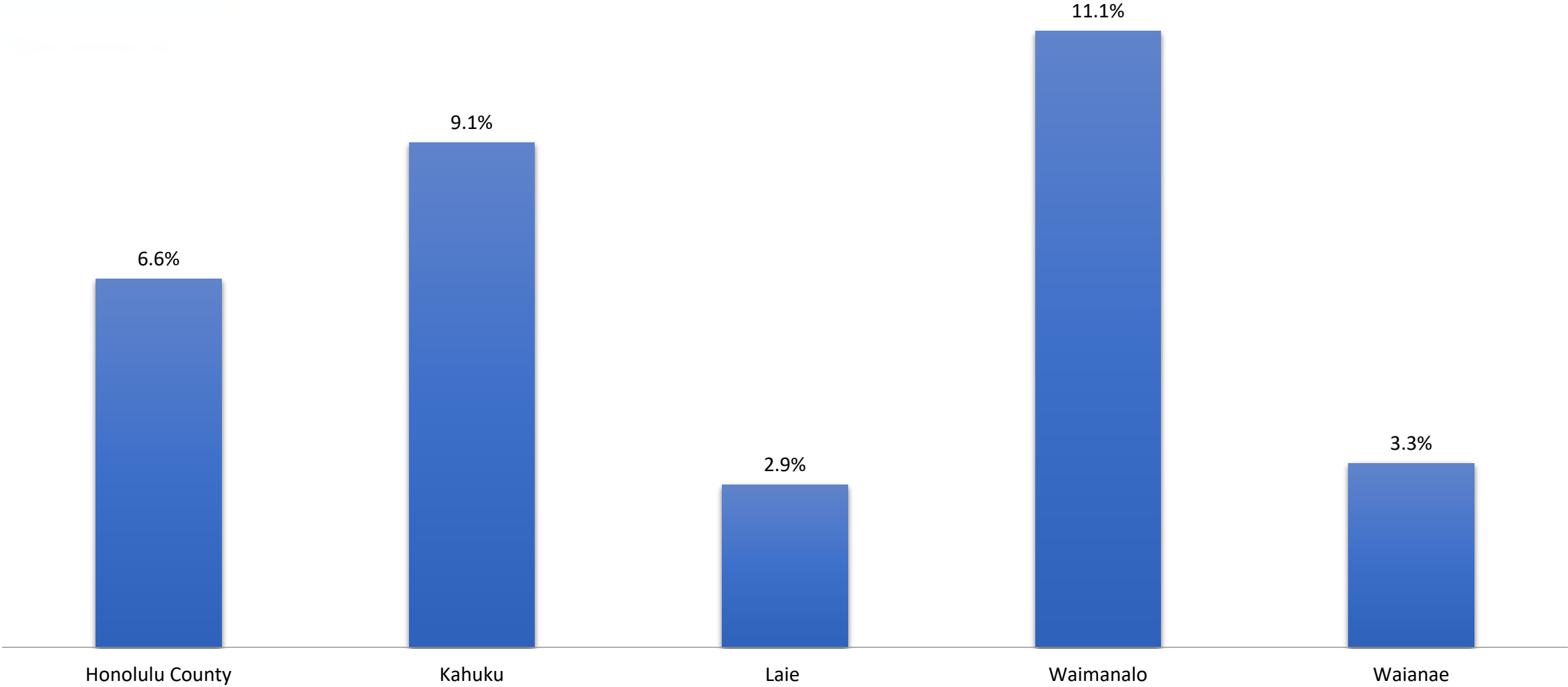
## Subjects will include:

- Voting age
- Race
- Hispanic or Latino origin
- Occupancy status
- **Geography:** Census Block
- **Release Dates:**
  - August 12, 2021 (Legacy format)
  - September 30, 2021 (Easy to use format)
  - [Additional Data Products Release Schedule](#)
- Group quarters population by major GQ types

# Numeric Change



Population Percent Change  
2010-2020



# What is the American Community Survey?



# ACS History

1940-2000

- Decennial Census: Short Form & Long Form

2005

- American Community Survey Replaces Decennial Long Form

2010 and 2020

- Decennial Census: Short Form Only

# Differences Between Decennial Census and ACS

## Census

Every 10 Years

100 Percent Data

Official Count

Point In Time  
(April 1<sup>st</sup>)

## ACS

Yearly

Sample Data (3.5 million  
year/291K monthly)

Estimates  
(trends/comparisons)

Period of Time  
(1year, 5year)

# American Community Survey



## 1-year Estimates:

Population threshold of 65,000 or more

## 1-year Supplemental Estimates:

Populations of 20,000 or more

## 5-year Estimates:

Data for all areas

- ✓ Ongoing Survey
- ✓ Sent to 3.5 million Addresses Per Year
- ✓ Produces Detailed Population and Housing Estimates Each Year
- ✓ Produces Critical Information on Small Areas and Small Population Groups
- ✓ Covers 35+ Topics and Supports Over 300 Known Federal Government Uses
- ✓ Learn more at [census.gov/acs](https://www.census.gov/acs)

## Demographic Characteristics

- Age
- Sex
- Race
- Hispanic Origin

(Items in **RED** were also collected on the **2010 & 2020 Census**)



## Social Characteristics

- Education
- Marital Status
- Fertility
- Grandparent Caregivers
- Veterans
- Disability Status
- Place of Birth
- Citizenship
- Year of Entry
- Language Spoken at Home
- Ancestry
- Computer & Internet Use

## Housing Characteristics

- Tenure (Rent/Own)
- Occupancy
- Structure
- Housing Value
- Taxes & Insurance
- Utilities
- Mortgage/ Monthly Rent



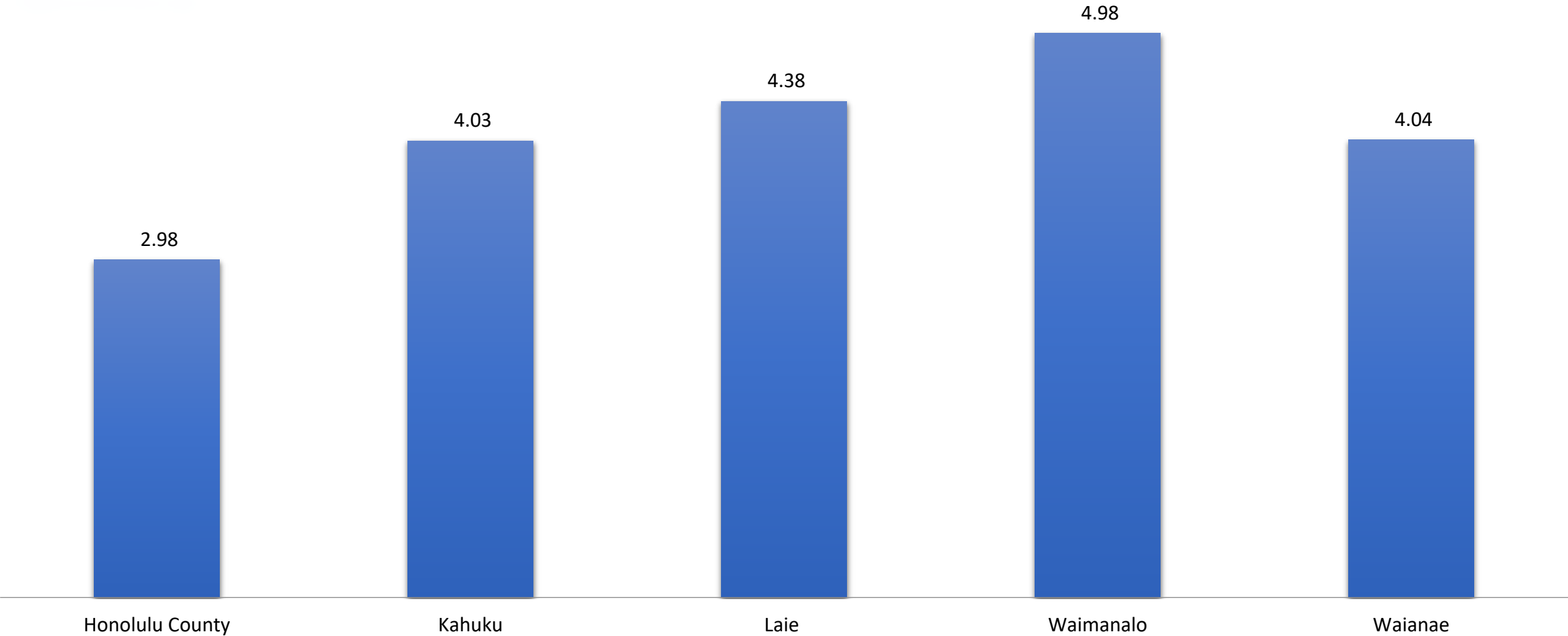
## Economic Characteristics

- Income
- Benefits
- Employment Status
- Occupation
- Industry
- Commuting to Work

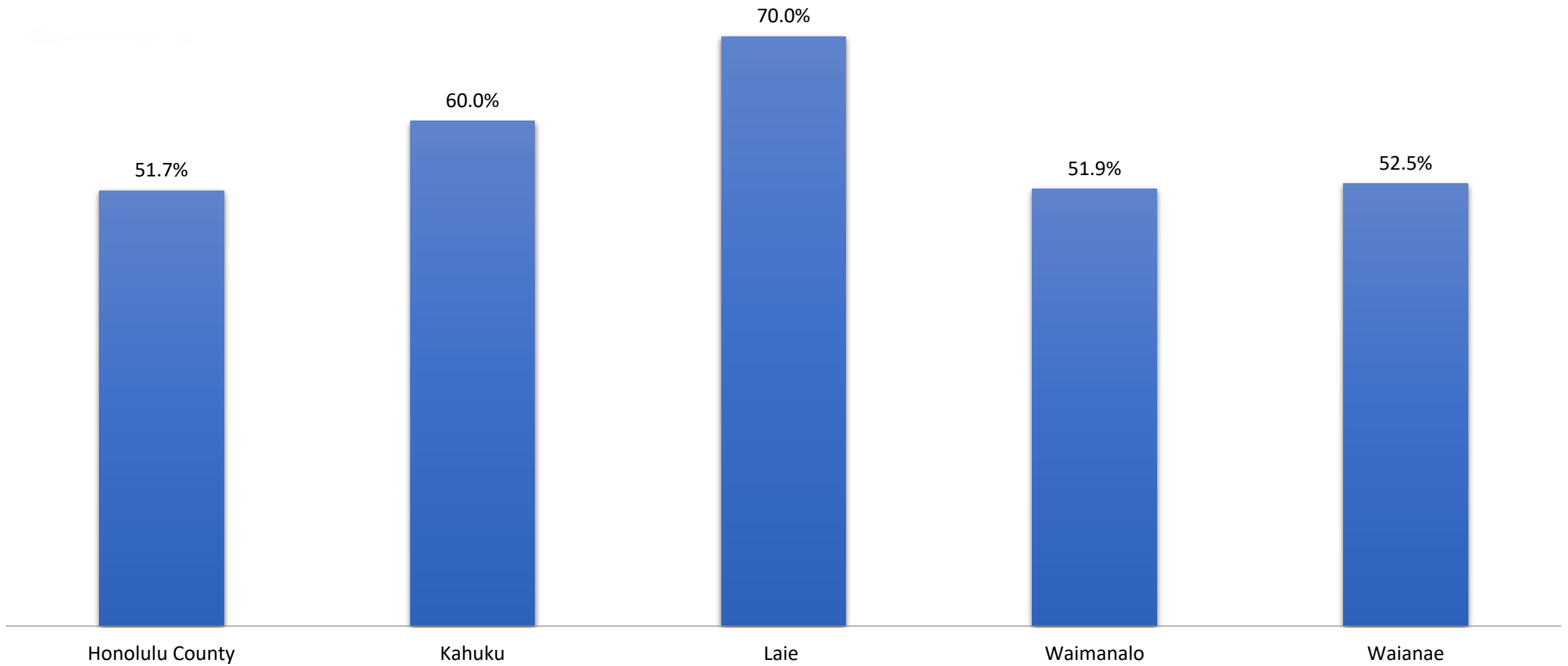


Selected ACS  
Socioeconomic,  
Demographics, and  
Housing Characteristics

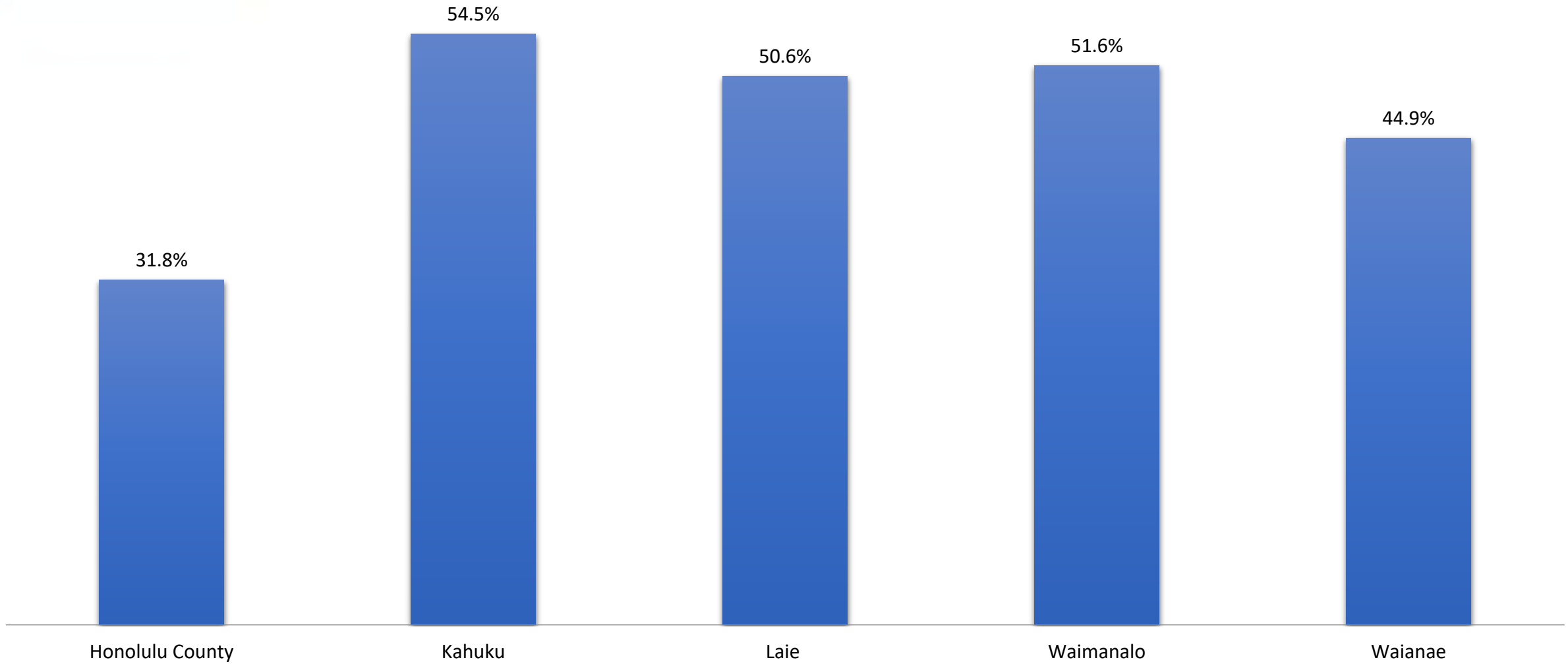
### Average Household Size (Persons)



## Married Couples



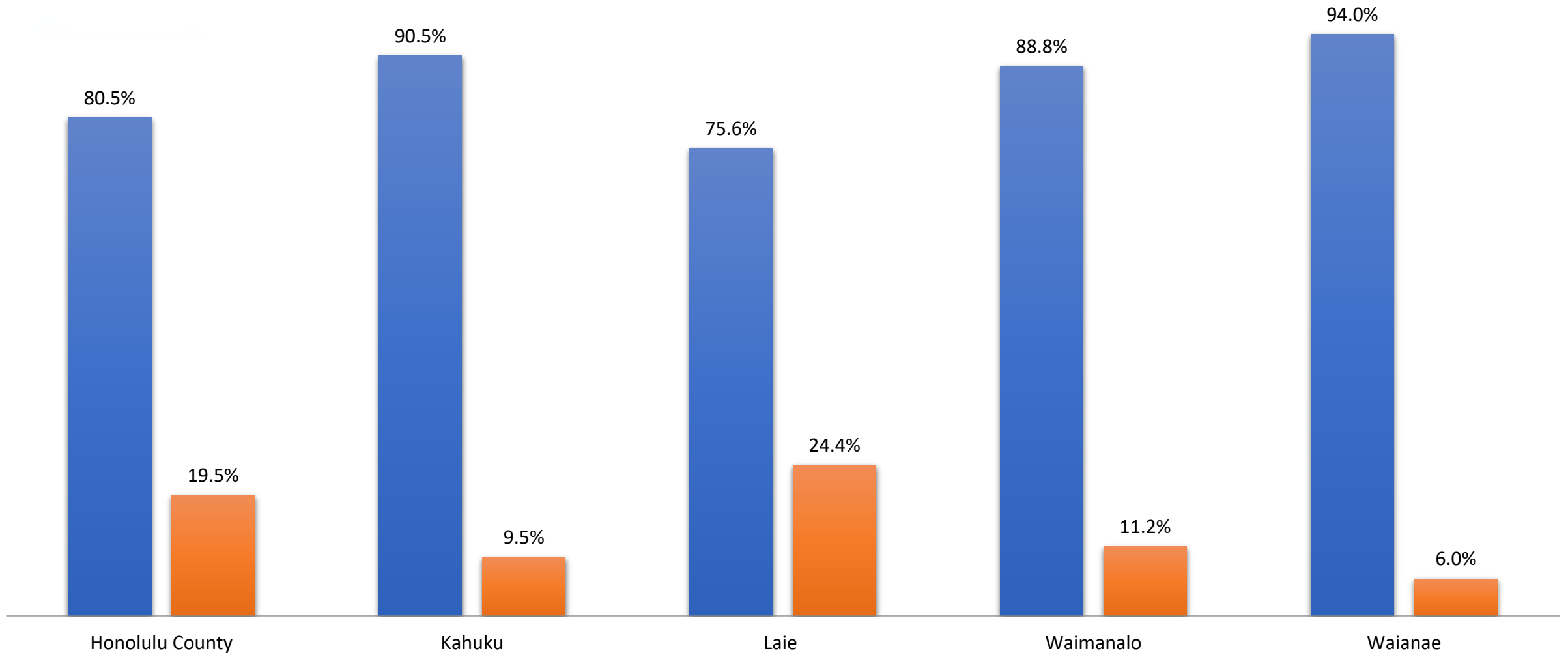
### Households with Children <18 yrs. Old





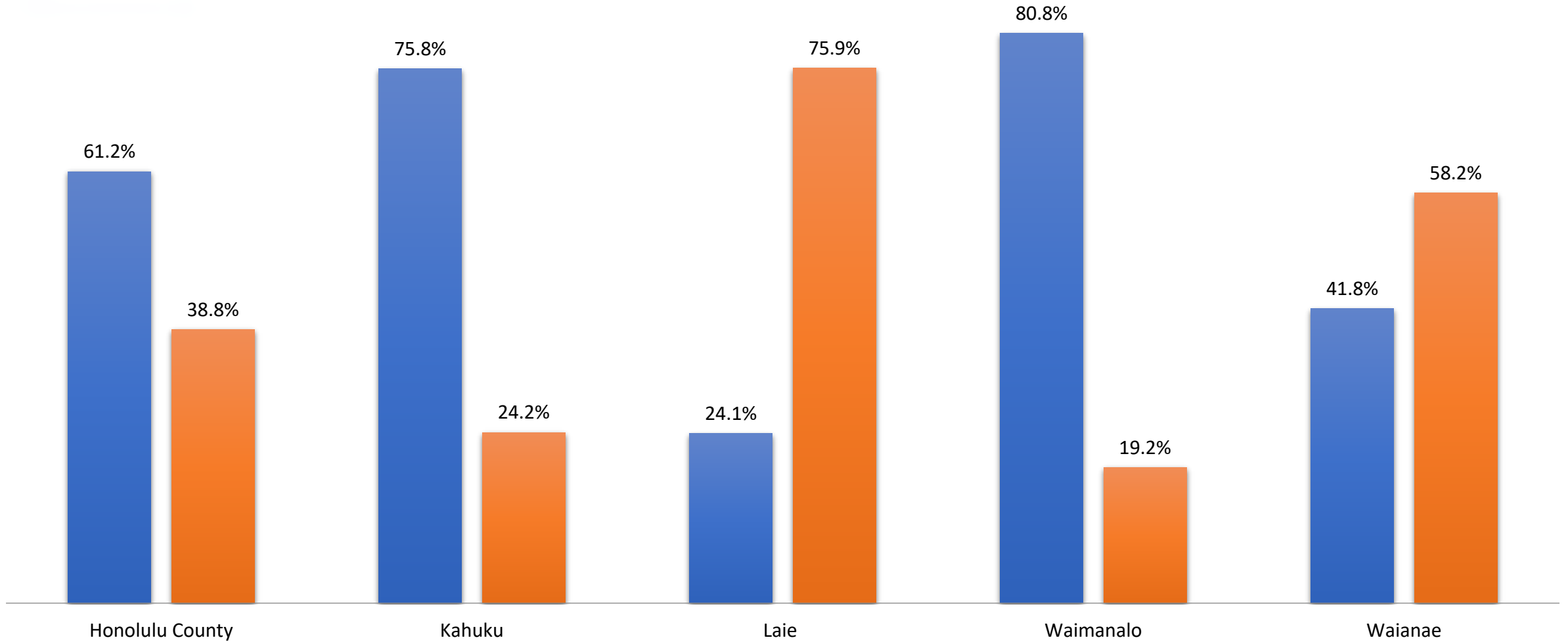
## Place of Birth

■ US Native Population ■ Foreign Born

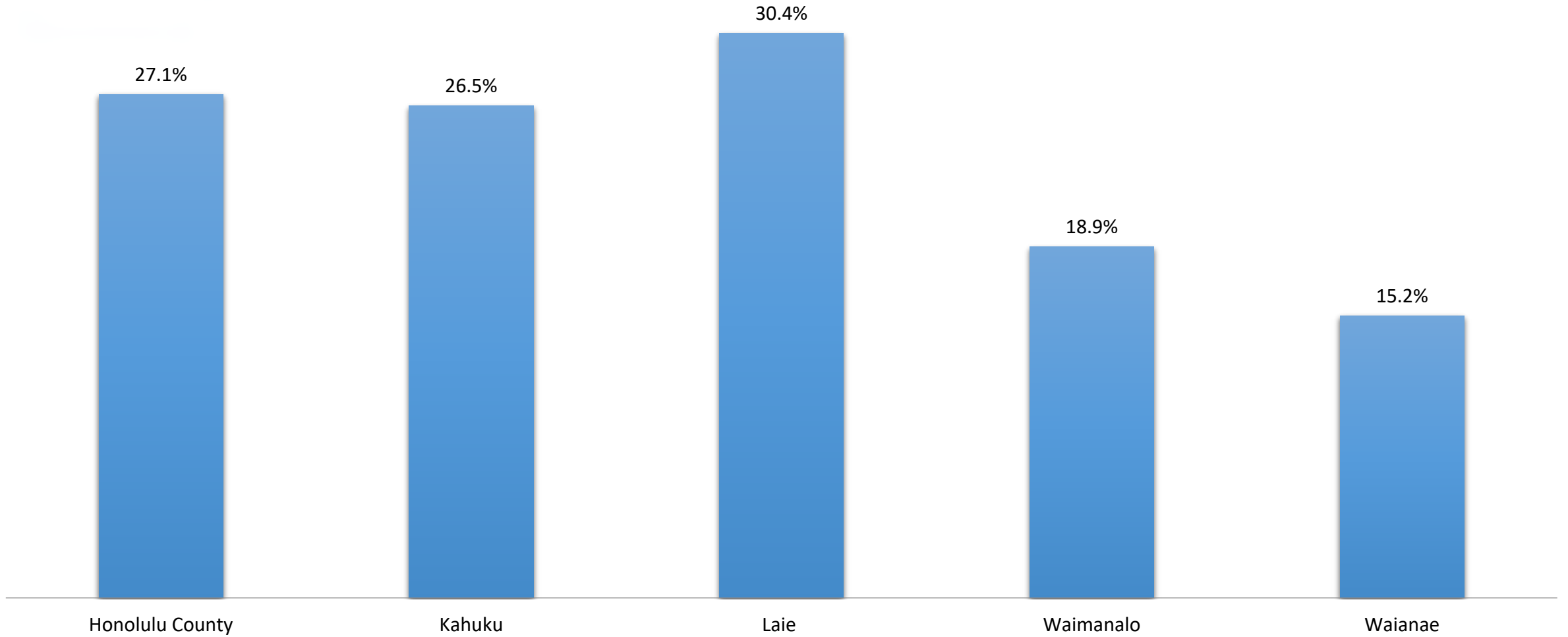


## Foreign Born Polulation - Citizenship

■ Naturalized Citizens ■ Not a US Citizen



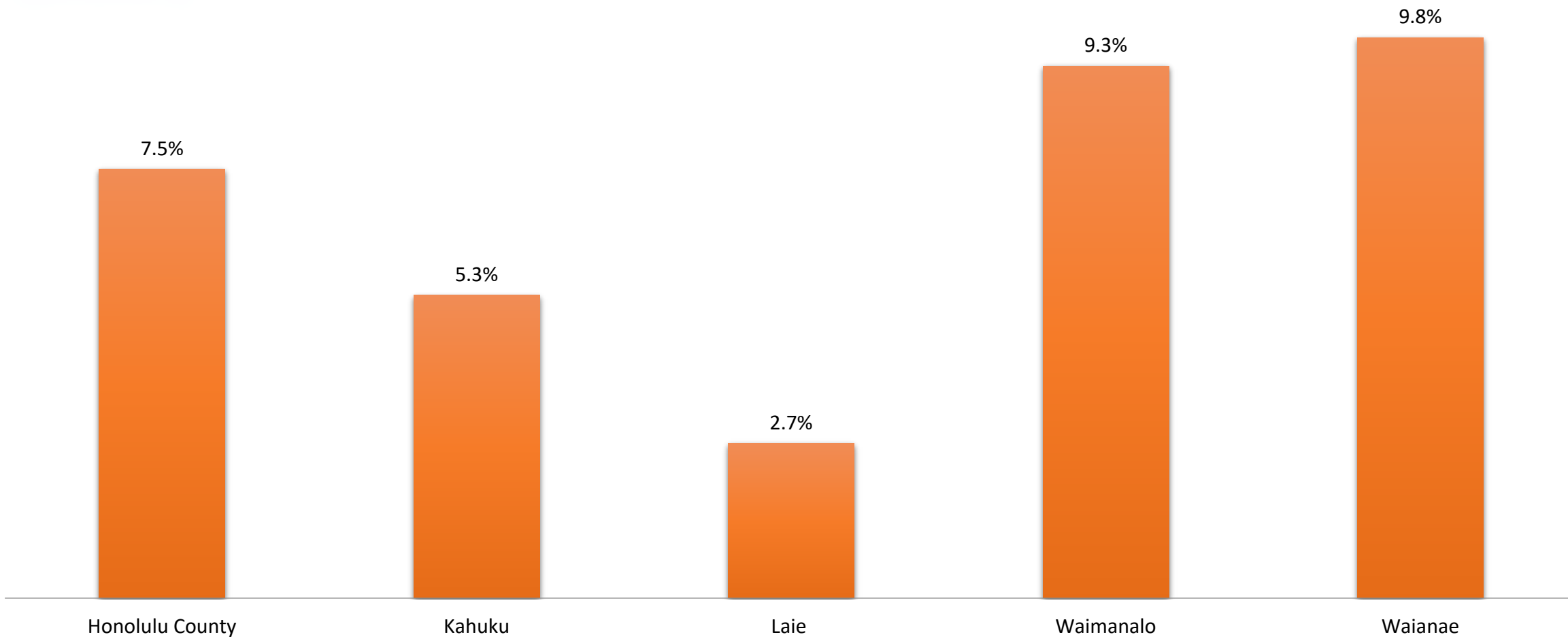
## Speak Other than English at Home



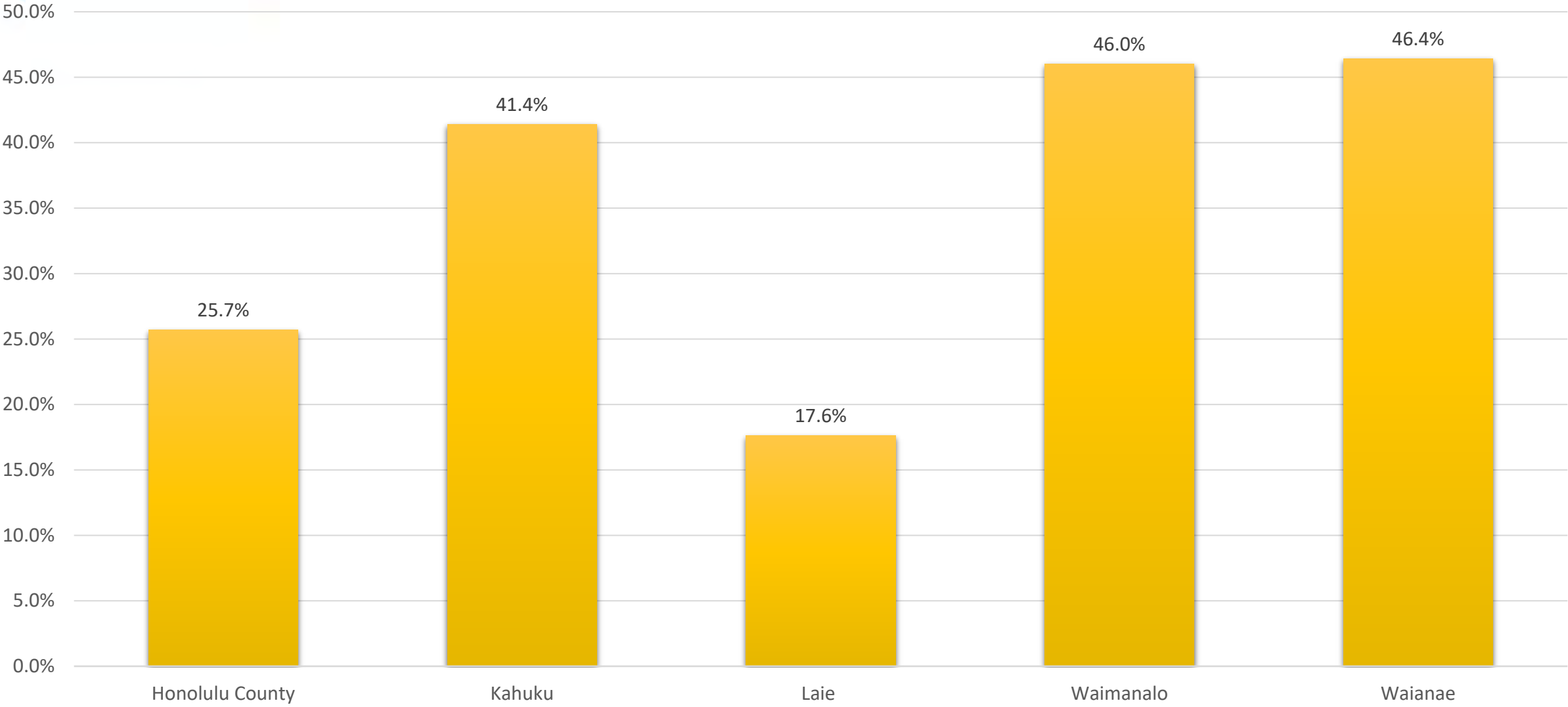
## Everyday Uses of Data

- ▶ Which geography do you think has the highest percentage of High School Drop Off Rate?
  - A. Honolulu County
  - B. Kahuku
  - C. Laie
  - D. Waimanalo
  - E. Waianae

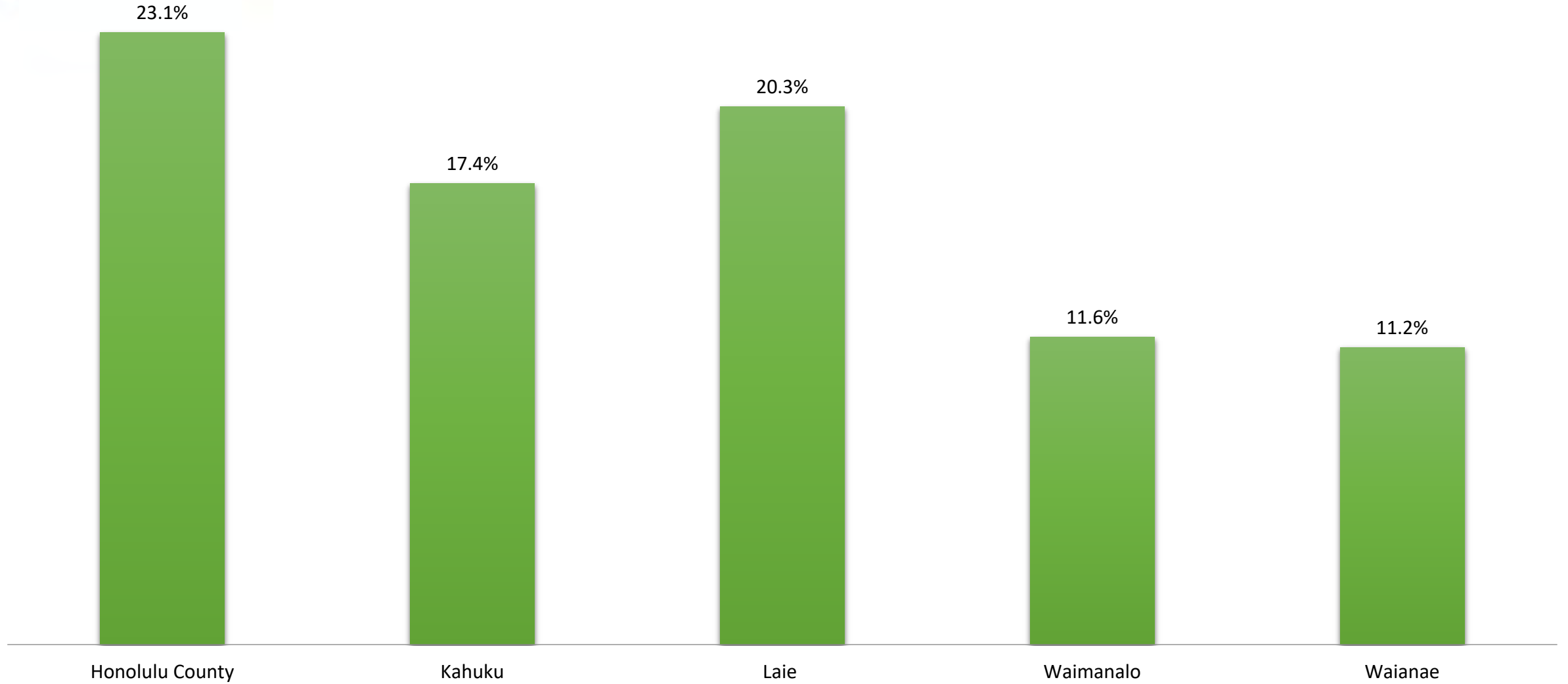
### Less Than High School Diploma



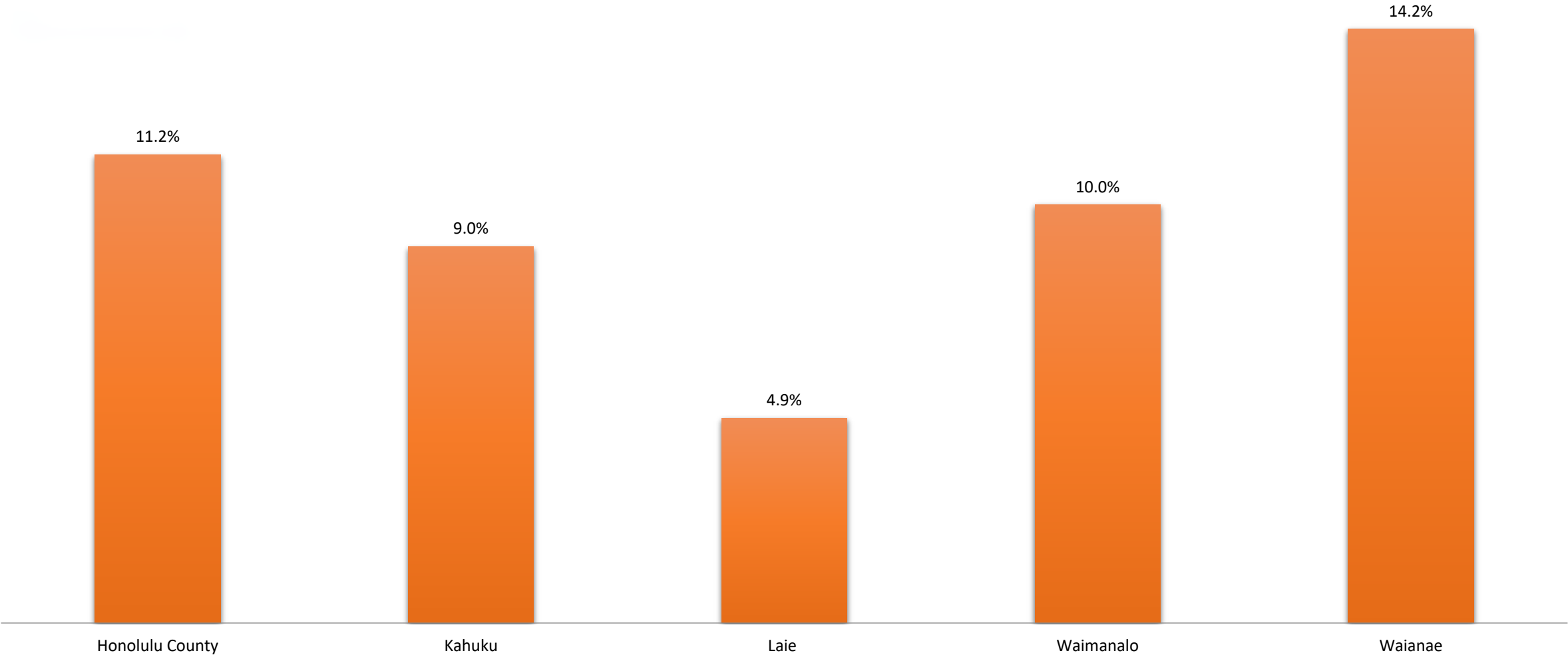
# High School Diploma or Equivalent



## Bachelor's Degree



# % of Civilian Population Reporting a Disability

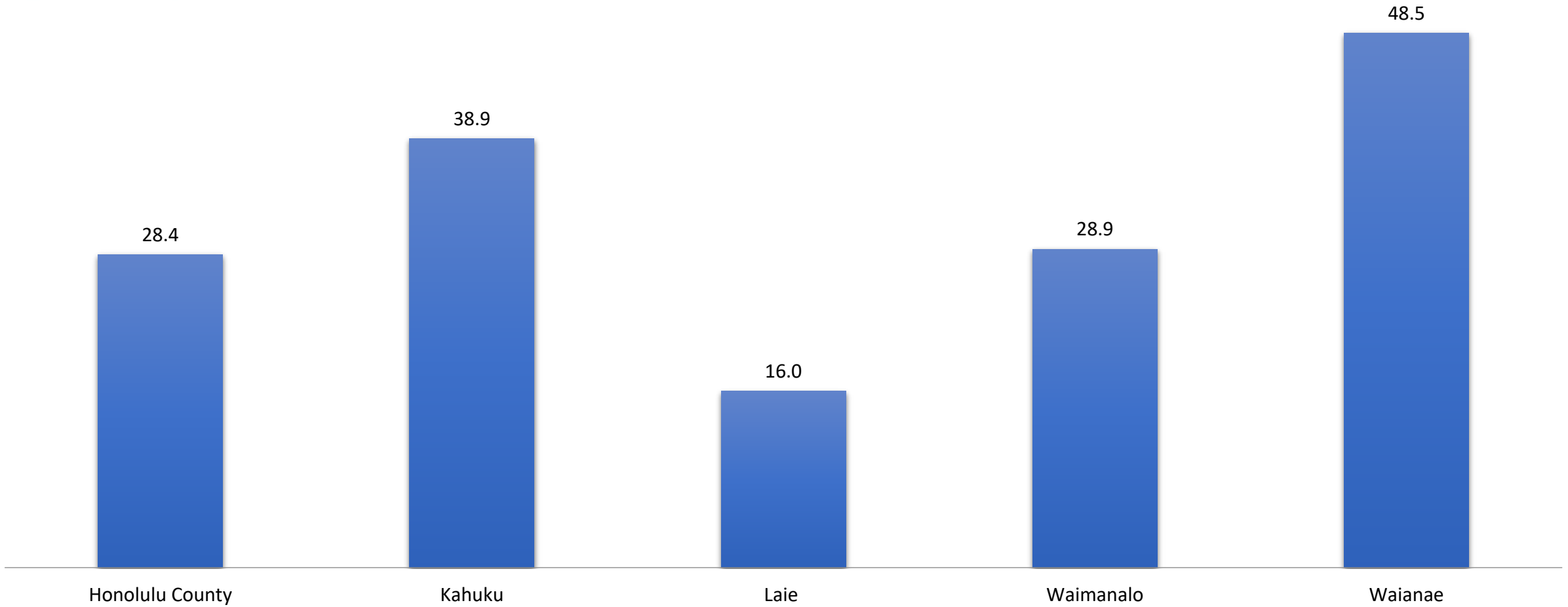




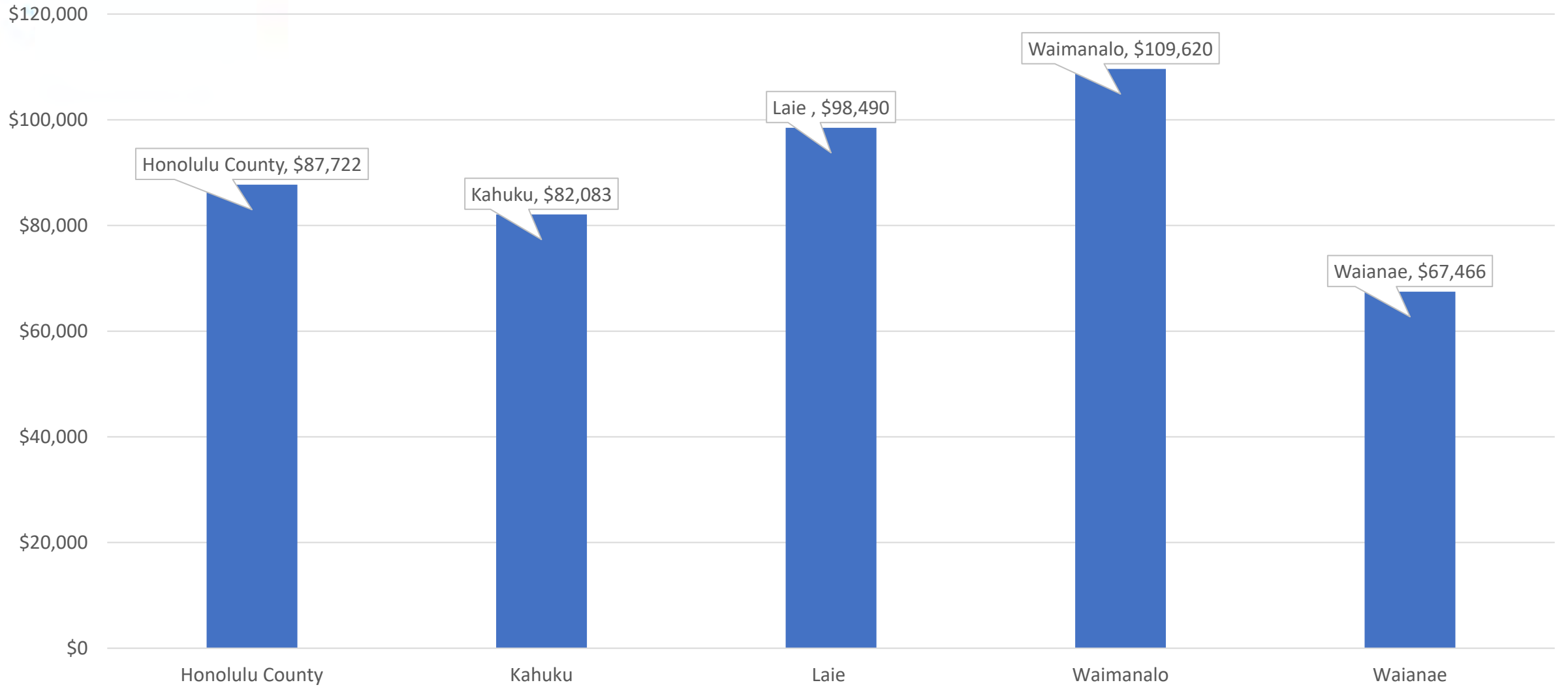
## Everyday Uses of Data

- ▶ Which geography do you think has the shortest average commute to work?
  - A. Honolulu County
  - B. Kahuku
  - C. Laie
  - D. Waimanalo
  - E. Waianae

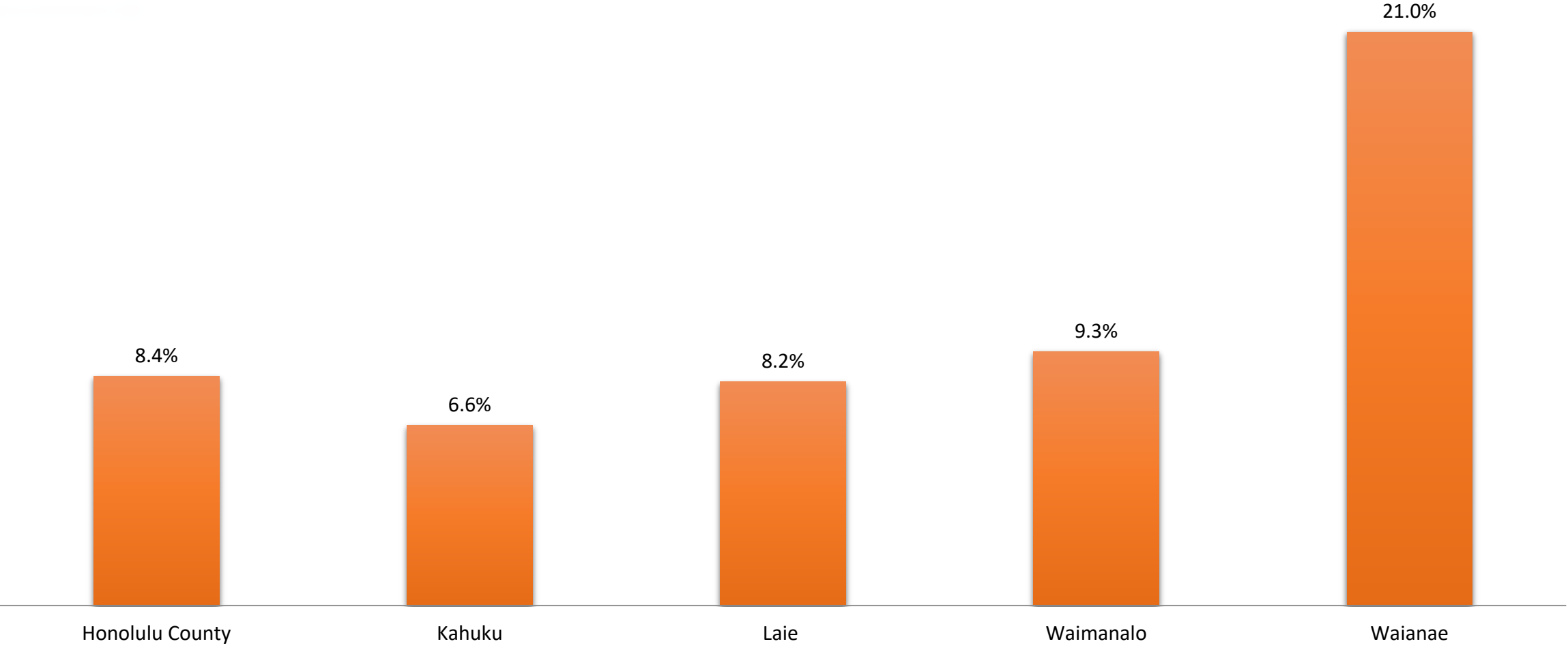
### Commuting to Work (Mean Travel)



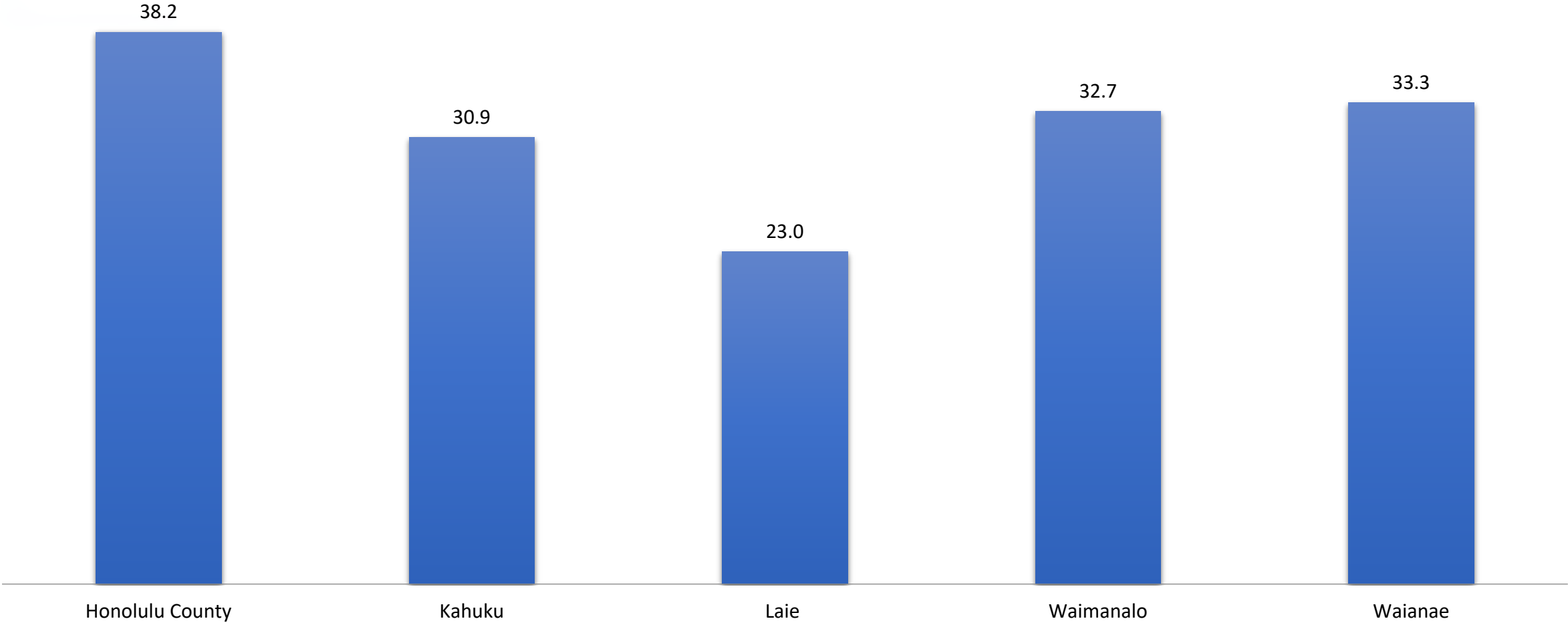
## Median Household Income



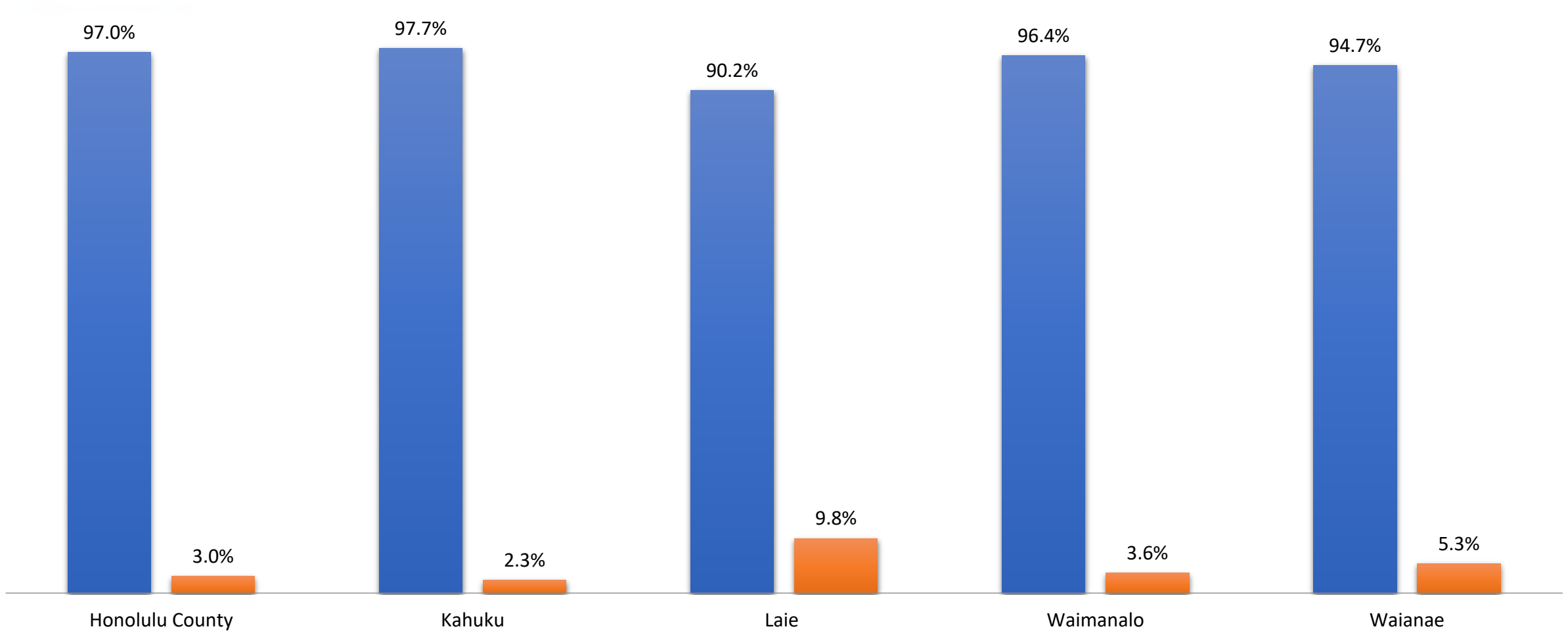
# People Below Poverty Level



# Median Age



■ With Health Insurance ■ No Health Insurance

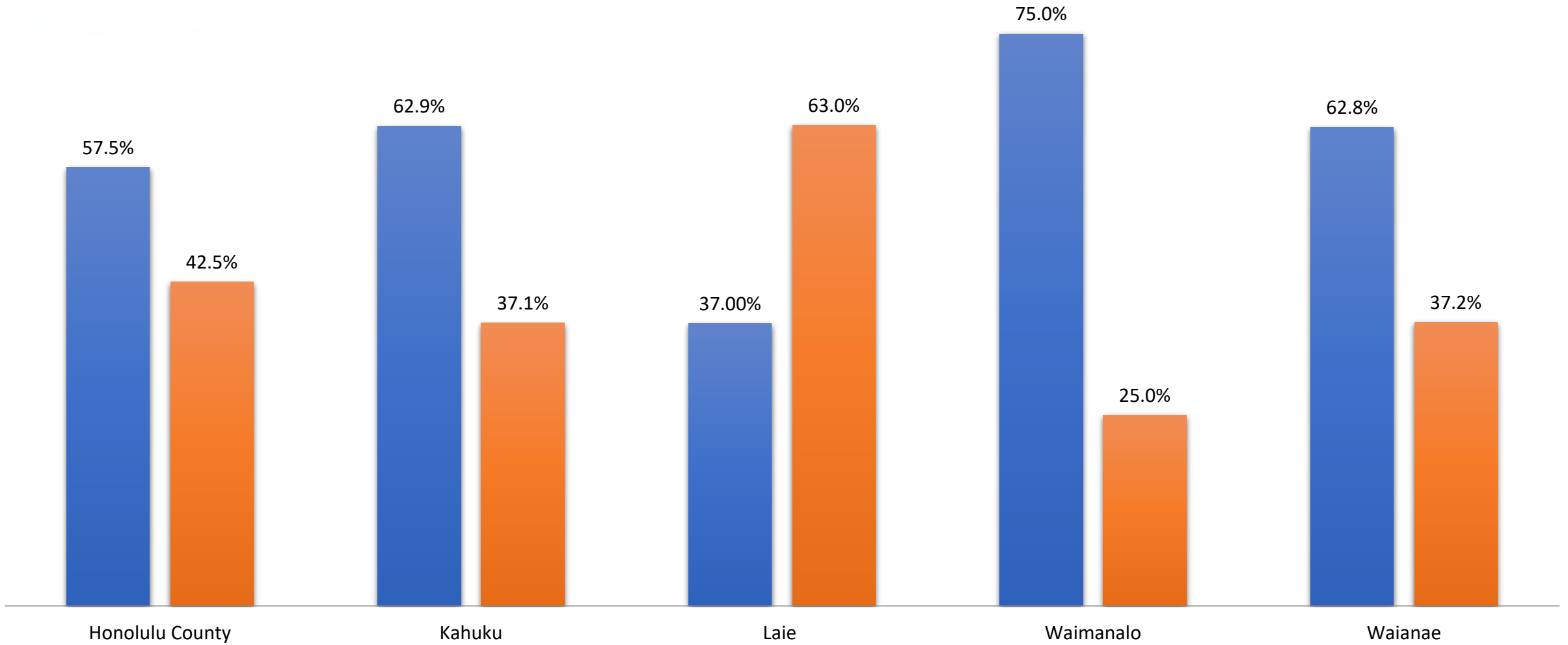


## Everyday Uses of Data

- ▶ Which geography do you think has the highest percentage of homeowners?
  - A. Honolulu County
  - B. Kahuku
  - C. Laie
  - D. Waimanalo
  - E. Waianae

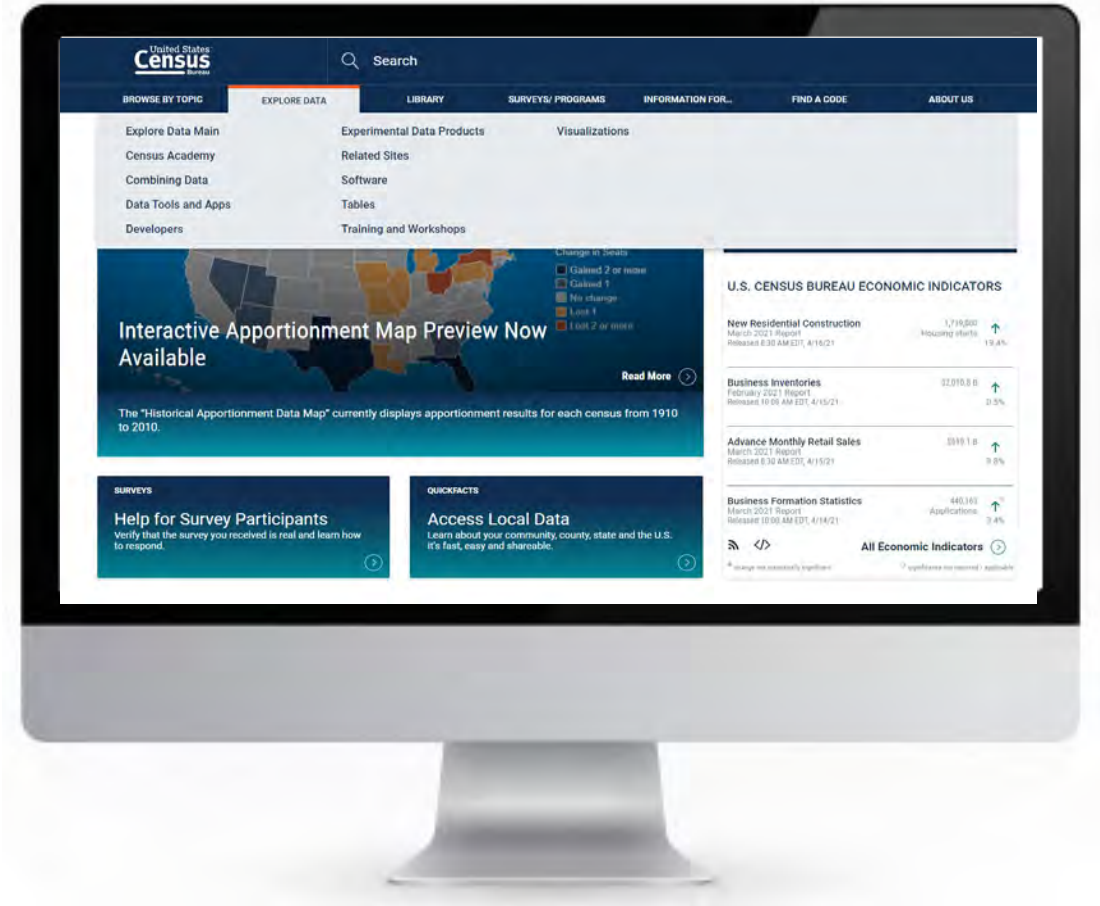
## Tenure

■ Owner Occupied ■ Renters





[www.census.gov](http://www.census.gov)



Live Demonstration

# Data Dissemination and Training

- ✓ **Bring our data experts to you.**

Request a free data training for your organization.

- ✓ **Receive our Data Gems.**

These short “how-to” videos are an easy and quick way to increase your knowledge of Census data. Get them in your inbox!

- ✓ **Get access to our Courses.**

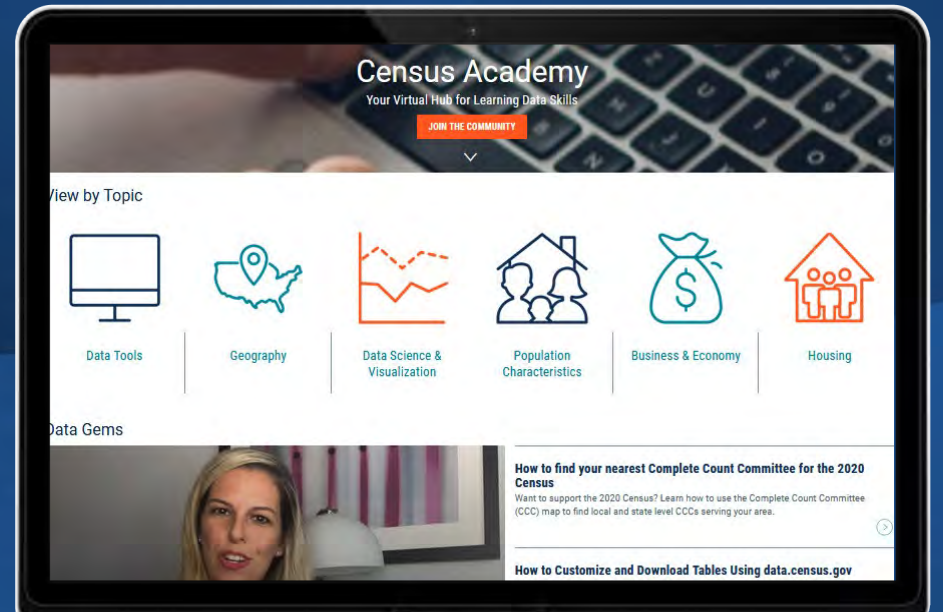
You will learn-at-your-own-pace with these video-tutorials designed for different skill levels.

- ✓ **Interact with our instructors via Webinars.**

Learn about our data releases and tools while attending these live virtual classes.



# Census.gov/Academy



**Contact us:**

[Census.askdata@census.gov](mailto:Census.askdata@census.gov)

1-844-ASK-DATA

*Share your ideas and feedback at  
[census.academy@census.gov](mailto:census.academy@census.gov)*



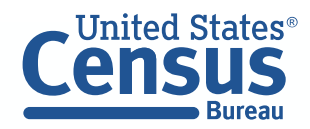
Contact Information:

**Armando Mendoza**

Data Dissemination Branch and Training Branch  
Customer Liaison and Marketing Services Office

Email: [armando.mendoza@census.gov](mailto:armando.mendoza@census.gov)

Telephone: 818.554.3606



Mahalo!