

Housing Needs of Native Hawaiians: Technical Appendixes

A Report From the
Assessment of American
Indian, Alaska Native,
and Native Hawaiian
Housing Needs



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Appendix A. Census Data

The analyses presented in this report relied on several different data sources available from the U.S. Census Bureau. This appendix describes each source and examines any limitations related to studying the Native Hawaiian population.

A1. American Community Survey

The American Community Survey (ACS) is an ongoing statistical survey run by the U.S. Census Bureau that replaced the long form of the decennial census beginning in 2005. The ACS has approximately 250,000 monthly respondents, totaling 3 million respondents per year. ACS publishes annual estimates for geographies with more than 65,000 people for a variety of different racial and ethnic groups, including those who identify as Native Hawaiian alone or in combination with one or more other races (also referred to in this report as *multiracial*). Because of the small sample size, however, the 1-year data do not provide estimates for most of the counties in Hawaii or the Hawaiian home lands, so these data can be used to examine the Native Hawaiian population only at the state level and to examine Honolulu County. Because the analysis plan included analysis at the county level, only the 2008 and 2011 1-year estimates were used to examine the impacts of the recession on Native Hawaiians living in Hawaii at the state level.

To overcome the sample size limitation, the U.S. Census Bureau averages 5 years of surveys to produce estimates for the smallest geographies, but these tabulations do not include data separately for the Native Hawaiian population. The standard ACS 5-year tabulations provide estimates of demographic, social, economic, and housing characteristics for the total population and estimates of many of these characteristics for

the five racial groups defined by the Office of Management and Budget and also some additional racial and ethnic groups: White alone; Black or African-American alone; American Indian or Alaska Native alone; Asian alone; Native Hawaiian or Other Pacific Islander alone; some other race alone; two or more races; White alone not Hispanic, or Latino; and Hispanic, or Latino (U.S. Census Bureau, 2013). It is important to note that, for this study, the Native Hawaiian population cannot be disaggregated from the broader Native Hawaiian and Other Pacific Islander group, so the general 5-year estimates could not be used for this analysis.

The ACS has some limitations relative to the long form of the decennial census that are important to note. First, because of the ACS's smaller sample size compared with the long form of the decennial census, the estimates are also subject to more sampling error than those from the census long form, which particularly impacts the reliability of estimates for smaller populations (DeWeaver, 2010). Further, multiyear estimates, by definition, cannot provide a point-in-time picture, which can be critical for certain analyses. For example, overcrowding in households may have been affected by the housing finance crisis that occurred during the period between 2006 and 2010; these multiyear estimates may not accurately portray true conditions at any point during this period. Although the U.S. Census Bureau also produces 1-year estimates, they are not available for geographies with fewer than 65,000 people, so point-in-time estimates for smaller geographies are not available.

American Community Survey: Selected Population Tables

To provide information on a broader range of racial, ethnic, tribal, and ancestral groups at smaller geographic levels, the U.S. Census Bureau provides the ACS selected population tables. The selected population

tables include estimates for any group with at least 7,000 people in the United States (392 different groups in total). Estimates for those groups are published for any geography at the census tract level and larger where that group has at least 50 members during a data collection period. The U.S. Census Bureau provides the selected population tables using the 5-year data, and the most recent product at the time of writing was for the 2006-to-2010 period.

The ACS selected population tables provide data for the Native Hawaiian population in four of Hawaii's five counties and at the state level; they also provide data for the total population living on the Hawaiian home lands. The selected population tables do not provide data for Kalawao County, because its population is too small. They also do not provide estimates for Hawaiian home lands that do not meet the population threshold; however, they do contain data for the 20 most populous home lands defined in the 2010 census, which account for about 90 percent of the total home lands population. The ACS selected population tables are subject to the same limitations as the ACS general estimates noted previously.

The analysis of the social, economic, and housing conditions for the 2006-to-2010 period for both Native Hawaiians in Hawaii and the total population on the Hawaiian home lands uses the ACS selected population tables.

A2. Decennial Census

Every 10 years, the U.S. Census Bureau conducts a national household survey. The federal government uses decennial census data for apportioning congressional seats, identifying distressed areas, and conducting many other activities. Short-form information is collected on every person and includes

basic characteristics, such as age, sex, and race. Through 2000, the long form was sent to one out of every six households and collected more detailed information, such as income, housing characteristics, and employment. After 2000, the long form of the census was replaced with the ACS. The research team analyzed short- and long-form data from 2000 to estimate population growth and social, economic, and housing conditions and used short-form data from 2010 (the only data collected in the 2010 census) to analyze population growth and household characteristics.

Data for the Hawaiian home lands were available for all the indicators of interest for only 20 of the 75 Hawaiian home land areas identified by the 2010 decennial census. These 20 home lands, however, account for nearly 90 percent of the population living in all the home lands, so the 20 home lands in this study's analysis do capture the overwhelming majority of home lands residents (exhibit A2.1).

Although the decennial census is nominally a 100 percent count of the population, it does undercount hard-to-reach populations. Native Hawaiians and Other Pacific Islanders tend to be undercounted in the decennial census, but they are not undercounted by a significant amount. The undercount for Native Hawaiians and Other Pacific Islanders was 1.3 percent in 2010. This was not a statistically significant undercount, nor was it statistically different from the 2000 undercount (2.1 percent) (U.S. Census Bureau, 2012). Because the undercount was not statistically significant, the estimates in this report do not attempt to account for the undercount.

Exhibit A2.1. List of Hawaiian Home Lands Included in the Analysis

Home Land Name	2010 Population
Leialii Hawaiian Home Land, Hawaii	328
Kawaihae Hawaiian Home Land, Hawaii	407
Kekaha Hawaiian Home Land, Hawaii	483
Waianae Kai Hawaiian Home Land, Hawaii	609
Kealakehe Hawaiian Home Land, Hawaii	759
Paukukalo Hawaiian Home Land, Hawaii	818
Puukapu Hawaiian Home Land, Hawaii	898
Waiohuli (residential) Hawaiian Home Land, Hawaii	904
Panaewa (residential) Hawaiian Home Land, Hawaii	1,091
Princess Kahanu Estates Hawaiian Home Land, Hawaii	1,128
Maluohai Hawaiian Home Land, Hawaii	1,178
Papakolea Hawaiian Home Land, Hawaii	1,215
Hoolehua-Palaau Hawaiian Home Land, Hawaii	1,292
Waiehu Hawaiian Home Land, Hawaii	1,330
Kaupea Hawaiian Home Land, Hawaii	1,387
Anahola (residential) Hawaiian Home Land, Hawaii	1,566
Keaukaha Hawaiian Home Land, Hawaii	1,584
Waianae Hawaiian Home Land, Hawaii	2,201
Waimanalo Hawaiian Home Land, Hawaii	3,048
Nanakuli Hawaiian Home Land, Hawaii	5,370
Total population in analysis home lands	27,596
Total population in all home lands	30,858
Percent of home land population captured in analysis home lands	89.4

Source: U.S. Census Bureau, decennial census 2010

A3. Census Data Tables

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- Exhibit A3.45.** Household Income Characteristics, Hawaiian Home Lands, 2010
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- Exhibit A3.50.** Housing Structure Type, Hawaiian Home Lands, 2010
- Exhibit A3.51.** Housing Age and Size, Hawaiian Home Lands, 2010
- Exhibit A3.52.** Home Values, Hawaiian Home Lands, 2010
- Exhibit A3.53.** Facility and Crowding Indicators, Hawaiian Home Lands, 2010
- Exhibit A3.54.** Population Mobility, Hawaiian Home Lands, 2010

Exhibit A3.1. Population of Hawaii, 1900 to 2030

Hawaii		
	N	Percent Change
1900	154,001	
1910	191,874	24.6
1920	255,881	33.4
1930	368,300	43.9
1940	422,770	14.8
1950	499,794	18.2
1960	632,772	26.6
1970	768,561	21.5
1980	964,691	25.5
1990	1,108,229	14.9
2000	1,211,537	9.3
2010	1,360,301	12.3
2020*	1,412,373	3.8
2030*	1,466,046	3.8

*Projections of the population and components of change for the United States: 2015 to 2060 (NP2012-T1).

Sources: U.S. Census Bureau, Population Division; release date: December 2012; Profile of General Demographic Characteristics: Census 2000 Summary File 2; Profile of General Demographic Characteristics: Census 2010 Summary File 2

Exhibit A3.2. Native Hawaiian Population in Hawaii, 1900 to 2000

	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000
Part Native Hawaiian	7,857	12,506	18,027	28,224	49,935	73,845	91,109				
Full Native Hawaiian	29,799	26,041	23,723	22,636	14,375	12,245	11,294				
Total Native Hawaiian	37,656	38,547	41,750	50,860	64,310	86,090	102,403	71,274	115,500	138,742	239,655
	154,001	191,874	255,881	368,300	422,770	499,794	632,772	768,561	964,691	1,108,229	1,211,537
Percent of total Hawaii population	24.5	20.1	16.3	13.8	15.2	17.2	16.2	9.3	12.0	12.5	19.8
Percent change		2.4	8.3	21.8	26.4	33.9	18.9	-30.4	62.1	20.1	72.7

Note: The terms "full" and "part" Hawaiian reflect racial categories used in the census before 1970.

Sources: U.S. Census Bureau, decennial census 2000; Mikelsons et al. (1995).

Exhibit A3.3. Land Area and Population Density, Hawaii, 2010

	Population	Percent of Hawaii Population	Land Area (sq. mi.)	Population Density (per sq. mi.)	Percent of Hawaii Land Area
Hawaii	1,360,301		6,422.6	211.8	
Hawaii County	185,079	13.6	4,028.4	45.9	62.7
Honolulu County	953,207	70.1	600.7	1586.7	9.4
Kauai County	67,091	4.9	620.0	108.2	9.7
Maui County	154,834	11.4	1,161.5	133.3	18.1
Kalawao County	90	0.0	12.0	7.5	0.2

Source: U.S. Census Bureau, State and County QuickFacts, <https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF>

Exhibit A3.4. Population by Race and Ethnicity, Hawaii, 2010

	Hawaii		Hawaii County		Honolulu County		Kauai County		Maui County	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total population	1,360,301		185,079		953,207		67,091		154,834	
Race										
One Race	1,039,672	76.4	130,544	70.5	740,171	77.7	50,375	75.1	118,506	76.5
Native Hawaiian alone	80,337	5.9	15,812	8.5	47,951	5.0	5,097	7.6	11,440	7.4
AIAN alone	4,164	0.3	869	0.5	2,438	0.3	254	0.4	603	0.4
White alone	336,599	24.7	62,348	33.7	198,732	20.8	22,159	33.0	53,336	34.4
Black alone	21,424	1.6	1,020	0.6	19,256	2.0	278	0.4	870	0.6
Asian alone	525,078	38.6	41,050	22.2	418,410	43.9	21,016	31.3	44,595	28.8
Other Pacific Islander alone	55,085	4.0	6,577	3.6	42,927	4.5	963	1.4	4,611	3.0
Other race alone	16,985	1.2	2,868	1.5	10,457	1.1	608	0.9	3,051	2.0
Two or more races	320,629	23.6	54,535	29.5	213,036	22.3	16,716	24.9	36,328	23.5
Native Hawaiian in combination	209,633	15.4	39,107	21.1	134,169	14.1	11,030	16.4	25,318	16.4
Ethnicity										
Hispanic	120,842	8.9	21,383	11.6	77,433	8.1	6,315	9.4	15,710	10.1
Not Hispanic	1,239,459	91.1	163,696	88.4	875,774	91.9	60,776	90.6	139,124	89.9

AIAN = American Indian and Alaska Native.
 Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.5. Population by Race and Ethnicity, Hawaii, 2000

	Hawaii		Hawaii County		Honolulu County		Kauai County		Maui County	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total population	1,211,537		148,677		876,156		58,463		128,094	
Race										
One race	952,194	78.6	106,389	71.6	701,532	80.1	44,525	76.2	99,610	77.8
Native Hawaiian alone	80,137	6.6	14,461	9.7	49,267	5.6	4,935	8.4	11,410	8.9
AIAN alone	3,535	0.3	666	0.4	2,178	0.2	212	0.4	479	0.4
White alone	294,102	24.3	46,904	31.5	186,484	21.3	17,255	29.5	43,421	33.9
Black alone	22,003	1.8	698	0.5	20,619	2.4	177	0.3	509	0.4
Asian alone	503,868	41.6	39,702	26.7	403,371	46.0	21,042	36.0	39,728	31.0
Other Pacific Islander alone	33,402	2.8	2,263	1.5	28,413	3.2	399	0.7	2,320	1.8
Other race alone	15,147	1.3	1,695	1.1	11,200	1.3	505	0.9	1,743	1.4
Two or more races	259,343	21.4	42,288	28.4	174,624	19.9	13,938	23.8	28,484	22.2
Native Hawaiian in combination	159,518	13.2	28,549	19.2	103,850	11.9	8,576	14.7	18,542	14.5
Ethnicity										
Hispanic	87,699	7.2	14,111	9.5	58,729	6.7	4,803	8.2	10,050	7.8
Not Hispanic	1,123,838	92.8	134,566	90.5	817,427	93.3	53,660	91.8	118,044	92.2

AIAN = American Indian and Alaska Native.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.6. Population Mobility by Race, Hawaii, 2010

			Population 1 year and older	Living in the same place as the year before	Living in a different place 1 year ago	Living in same county	Living outside same county/ state/U.S.	Occupied housing units	Moved into current home before 2000
Hawaii	Total Population	N	1,316,752	1,114,163	202,589	123,345	140,699	442,267	198,208
		Pct.		84.6	15.4	9.4	10.7		44.8
	Native Hawaiian	N	267,560	230,364	37,196	31,314	11,077	65,680	31,168
		Pct.		86.1	13.9	11.7	4.1		47.5
	Non-Native Hawaiian	N	1,049,192	883,799	165,393	92,031	129,622	376,587	167,040
		Pct.		84.2	15.8	8.8	12.4		44.4
Hawaii County	Total Population	N	178,458	153,540	24,918	16,270	16,229	64,382	29,665
		Pct.		86.0	14.0	9.1	9.1		46.1
	Native Hawaiian	N	48,970	42,061	6,909	5,865	2,026	12,714	5,777
		Pct.		85.9	14.1	12.0	4.1		45.4
	Non-Native Hawaiian	N	129,488	111,479	18,009	10,405	14,203	51,668	23,888
		Pct.		86.1	13.9	8.0	11.0		46.2
Honolulu County	Total Population	N	925,004	782,075	142,929	83,496	103,547	304,827	136,178
		Pct.		84.5	15.5	9.0	11.2		44.7
	Native Hawaiian	N	167,163	144,465	22,698	19,062	6,666	40,645	19,413
		Pct.		86.4	13.6	11.4	4.0		47.8
	Non-Native Hawaiian	N	757,841	637,610	120,231	64,434	96,881	264,182	116,765
		Pct.		84.1	15.9	8.5	12.8		44.2
Kauai County	Total Population	N	64,620	55,711	8,909	5,951	5,546	21,710	11,252
		Pct.		86.2	13.8	9.2	8.6		51.8
	Native Hawaiian	N	13,691	11,947	1,744	1,287	909	3,179	1,683
		Pct.		87.3	12.7	9.4	6.6		52.9
	Non-Native Hawaiian	N	50,929	43,764	7,165	4,664	4,637	18,531	9,569
		Pct.		85.9	14.1	9.2	9.1		51.6
Maui County	Total Population	N	148,596	122,767	25,829	17,628	15,369	51,281	21,086
		Pct.		82.6	17.4	11.9	10.3		41.1
	Native Hawaiian	N	37,718	31,873	5,845	5,100	1,476	9,124	4,295
		Pct.		84.5	15.5	13.5	3.9		47.1
	Non-Native Hawaiian	N	110,878	90,894	19,984	12,528	13,893	42,157	16,791
		Pct.		82.0	18.0	11.3	12.5		39.8

U.S. = United States.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races

Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.7. Native Hawaiian Population by Area, 2010

	Total Population	Native Hawaiian Population		
		Total	Alone	Multiracial
Hawaii	1,360,301	289,970	80,337	209,633
Hawaii County	185,079	54,919	15,812	39,107
Honolulu County	953,207	182,120	47,951	134,169
Kauai County	67,091	16,127	5,097	11,030
Maui County	154,834	36,758	11,440	25,318
Kalawao County*	90	46	37	9

*The Census Bureau does not report population counts for Kalawao County because its reporting standards for Summary File 2 require a group to have a minimum population of 100. Because Kalawao County is the only other county in Hawaii, however, its population can be calculated by subtracting the other counties' populations from the state of Hawaii's population.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.8. Native Hawaiian Population by Area, 2000

	Total Population	Native Hawaiian Population		
		Total	Alone	Multiracial
Hawaii	1,211,537	239,655	80,137	159,518
Hawaii County	148,677	43,010	14,461	28,549
Honolulu County	876,156	153,117	49,267	103,850
Kauai County	58,463	13,511	4,935	8,576
Maui County	128,094	29,952	11,410	18,542
Kalawao County*	147	65	64	1

*The Census Bureau does not report population counts for Kalawao County because its reporting standards for Summary File 2 require a group to have a minimum population of 100. Because Kalawao County is the only other county in Hawaii, however, its population can be calculated by subtracting the other counties' populations from the state of Hawaii's population.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.9. Population by Age, Gender, and Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total population	1,360,301	100.0	289,970	100.0	1,070,331	100.0	185,079	100.0	54,919	100.0	130,160	100.0	953,207	100.0	182,120	100.0	771,087	100.0	67,091	100.0	16,127	100.0	50,964	100.0	154,834	100.0	36,758	100.0	118,076	100.0
Population by age group—detailed																														
Less than 5 years	87,407	6.4	30,727	10.6	56,680	5.3	11,845	6.4	6,135	11.2	5,710	4.4	61,261	6.4	18,714	10.3	42,547	5.5	4,281	6.4	1,852	11.5	2,429	4.8	20,020	6.5	4,026	11.0	5,994	5.1
5 to 9 years	83,361	6.1	28,829	9.9	54,532	5.1	11,478	6.2	5,693	10.4	5,785	4.4	57,818	6.1	17,656	9.7	40,162	5.2	4,179	6.2	1,707	10.6	2,472	4.9	9,886	6.4	3,773	10.3	6,113	5.2
10 to 14 years	81,539	6.0	26,801	9.2	54,738	5.1	11,521	6.2	5,236	9.5	6,285	4.8	56,147	5.9	16,434	9.0	39,713	5.2	4,055	6.0	1,467	9.1	2,588	5.1	9,816	6.3	3,664	10.0	6,152	5.2
15 to 19 years	85,994	6.3	27,233	9.4	58,761	5.5	12,089	6.5	5,177	9.4	6,912	5.3	60,344	6.3	17,136	9.4	43,208	5.6	4,146	6.2	1,548	9.6	2,598	5.1	9,415	6.1	3,372	9.2	6,043	5.1
20 to 24 years	95,829	7.0	22,450	7.7	73,379	6.9	10,833	5.9	4,274	7.8	6,559	5.0	73,203	7.7	14,277	7.8	58,926	7.6	3,472	5.2	1,197	7.4	2,275	4.5	8,318	5.4	2,700	7.3	5,618	4.8
25 to 34 years	185,333	13.6	40,520	14.0	144,813	13.5	22,225	12.0	7,715	14.0	14,510	11.1	134,446	14.1	25,418	14.0	109,028	14.1	8,141	12.1	2,288	14.2	5,853	11.5	20,511	13.2	5,092	13.9	15,419	13.1
35 to 44 years	176,373	13.0	34,410	11.9	141,963	13.3	21,382	11.6	6,057	11.0	15,325	11.8	125,296	13.1	22,017	12.1	103,279	13.4	8,372	12.5	1,857	11.5	6,515	12.8	21,309	13.8	4,473	12.2	16,836	14.3
45 to 54 years	193,765	14.2	34,029	11.7	159,736	14.9	27,523	14.9	6,371	11.6	21,152	16.3	131,724	13.8	21,443	11.8	110,281	14.3	10,239	15.3	1,857	11.5	8,382	16.4	24,262	15.7	4,351	11.8	19,911	16.9
55 to 59 years	93,340	6.9	13,484	4.7	79,856	7.5	15,807	8.5	2,734	5.0	13,073	10.0	60,387	6.3	8,467	4.6	51,920	6.7	5,483	8.2	763	4.7	4,720	9.3	11,646	7.5	1,512	4.1	10,134	8.6
60 to 64 years	82,222	6.0	10,368	3.6	71,854	6.7	13,542	7.3	1,920	3.5	11,622	8.9	54,091	5.7	6,635	3.6	47,456	6.2	4,738	7.1	543	3.4	4,195	8.2	9,848	6.4	1,269	3.5	8,579	7.3
65 to 74 years	100,523	7.4	13,116	4.5	87,407	8.2	15,008	8.1	2,311	4.2	12,697	9.8	68,927	7.2	8,456	4.6	60,471	7.8	5,347	8.0	682	4.2	4,665	9.2	11,234	7.3	1,664	4.5	9,570	8.1
75 to 84 years	64,377	4.7	6,239	2.2	58,138	5.4	8,223	4.4	1,057	1.9	7,166	5.5	47,203	5.0	4,186	2.3	43,017	5.6	3,022	4.5	291	1.8	2,731	5.4	5,911	3.8	693	1.9	5,218	4.4
85 years and older	30,238	2.2	1,764	0.6	28,474	2.7	3,603	1.9	239	0.4	3,364	2.6	22,360	2.3	1,281	0.7	21,079	2.7	1,616	2.4	75	0.5	1,541	3.0	2,658	1.7	169	0.5	2,489	2.1
Population by age group—general																														
Less than 20 years	338,301	24.9	113,590	39.2	224,711	21.0	46,933	25.4	22,241	40.5	24,692	19.0	235,570	24.7	69,940	38.4	165,630	21.5	16,661	24.8	6,574	40.8	10,087	19.8	39,137	25.3	14,835	40.4	24,302	20.6
20 to 44 years	457,535	33.6	97,380	33.6	360,155	33.6	54,440	29.4	18,046	32.9	36,394	28.0	332,945	34.9	61,712	33.9	271,233	35.2	19,985	29.8	5,342	33.1	14,643	28.7	50,138	32.4	12,265	33.4	37,873	32.1
45 to 64 years	369,327	27.2	57,881	20.0	311,446	29.1	56,872	30.7	11,025	20.1	45,847	35.2	246,202	25.8	36,545	20.1	209,657	27.2	20,460	30.5	3,163	19.6	17,297	33.9	45,756	29.6	7,132	19.4	38,624	32.7
65 years and older	195,138	14.3	21,119	7.3	174,019	16.3	26,834	14.5	3,607	6.6	23,227	17.8	138,490	14.5	13,923	7.6	124,567	16.2	9,985	14.9	1,048	6.5	8,937	17.5	19,803	12.8	2,526	6.9	17,277	14.6
Median age (years)		38.6		27.1				40.9		26.2				37.8		27.5				41.3		26.2				39.6		26.6		
Population by gender																														
Male	681,243	50.1	145,849	50.3	535,394	50.0	92,821	50.2	27,482	50.0	65,339	50.2	477,092	50.1	91,634	50.3	385,458	50.0	33,701	50.2	8,291	51.4	25,410	49.9	77,587	50.1	18,421	50.1	59,166	50.1
Female	679,058	49.9	144,121	49.7	534,937	50.0	92,258	49.8	27,437	50.0	64,821	49.8	476,115	49.9	90,486	49.7	385,629	50.0	33,390	49.8	7,836	48.6	25,554	50.1	77,247	49.9	18,337	49.9	58,910	49.9

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.10. Population by Age, Gender, and Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total population	1,211,537	100.0	239,655	100.0	971,882	100.0	148,677	100.0	43,010	100.0	105,667	100.0	876,156	100.0	153,117	100.0	723,039	100.0	58,463	100.0	13,511	100.0	44,952	100.0	128,094	100.0	29,952	100.0	98,142	100.0
Population by age group—detailed																														
Less than 5 years	78,163	6.5	24,677	10.3	53,486	5.5	9,130	6.1	4,572	10.6	4,558	4.3	56,849	6.5	15,358	10.0	41,491	5.7	3,605	6.2	1,432	10.6	2,173	4.8	8,579	6.7	3,315	11.1	5,264	5.4
5 to 9 years	84,980	7.0	26,675	11.1	58,305	6.0	11,033	7.4	5,014	11.7	6,019	5.7	60,425	6.9	16,636	10.9	43,789	6.1	4,443	7.6	1,702	12.6	2,741	6.1	9,079	7.1	3,323	11.1	5,756	5.9
10 to 14 years	83,106	6.9	25,660	10.7	57,446	5.9	11,568	7.8	4,967	11.5	6,601	6.2	57,574	6.6	15,720	10.3	41,854	5.8	4,625	7.9	1,635	12.1	2,990	6.7	9,336	7.3	3,338	11.1	5,998	6.1
15 to 19 years	81,002	6.7	23,694	9.9	57,308	5.9	11,089	7.5	4,587	10.7	6,502	6.2	57,176	6.5	14,715	9.6	42,461	5.9	4,079	7.0	1,401	10.4	2,678	6.0	8,658	6.8	2,991	10.0	5,667	5.8
20 to 24 years	83,409	6.9	18,011	7.5	65,398	6.7	8,232	5.5	3,206	7.5	5,026	4.8	65,376	7.5	11,805	7.7	53,571	7.4	2,829	4.8	937	6.9	1,892	4.2	6,970	5.4	2,063	6.9	4,907	5.0
25 to 34 years	171,159	14.1	32,966	13.8	138,193	14.2	16,050	10.8	5,411	12.6	10,639	10.1	130,624	14.9	21,569	14.1	109,055	15.1	6,753	11.6	1,740	12.9	5,013	11.2	17,723	13.8	4,240	14.2	13,483	13.7
35 to 44 years	191,177	15.8	33,354	13.9	157,823	16.2	22,838	15.4	5,856	13.6	16,982	16.1	137,278	15.7	21,384	14.0	115,894	16.0	9,152	15.7	1,869	13.8	7,283	16.2	21,891	17.1	4,238	14.1	17,653	18.0
45 to 54 years	170,979	14.1	24,810	10.4	146,169	15.0	24,452	16.4	4,486	10.4	19,966	18.9	117,239	13.4	16,006	10.5	101,233	14.0	9,434	16.1	1,338	9.9	8,096	18.0	19,823	15.5	2,968	9.9	16,855	17.2
55 to 59 years	60,561	5.0	8,814	3.7	51,747	5.3	8,163	5.5	1,514	3.5	6,649	6.3	42,705	4.9	5,765	3.8	36,940	5.1	3,075	5.3	449	3.3	2,626	5.8	6,599	5.2	1,080	3.6	5,519	5.6
60 to 64 years	46,400	3.8	6,363	2.7	40,037	4.1	6,003	4.0	1,038	2.4	4,965	4.7	33,173	3.8	4,179	2.7	28,994	4.0	2,399	4.1	332	2.5	2,067	4.6	4,807	3.8	805	2.7	4,002	4.1
65 to 74 years	85,262	7.0	9,227	3.9	76,035	7.8	10,923	7.3	1,570	3.7	9,353	8.9	62,474	7.1	6,191	4.0	56,283	7.8	4,115	7.0	438	3.2	3,677	8.2	7,715	6.0	1,006	3.4	6,709	6.8
75 to 84 years	57,775	4.8	4,302	1.8	53,473	5.5	7,064	4.8	641	1.5	6,423	6.1	42,504	4.9	3,025	2.0	39,479	5.5	2,923	5.0	187	1.4	2,736	6.1	5,272	4.1	446	1.5	4,826	4.9
85 years and older	17,564	1.4	1,102	0.5	16,462	1.7	2,132	1.4	148	0.3	1,984	1.9	12,759	1.5	764	0.5	11,995	1.7	1,031	1.8	51	0.4	980	2.2	1,642	1.3	139	0.5	1,503	1.5
Population by age group—general																														
Less than 20 years	327,251	27.0	100,706	42.0	226,545	23.3	42,820	28.8	19,140	44.5	23,680	22.4	232,024	26.5	62,429	40.8	169,595	23.5	16,752	28.7	6,170	45.7	10,582	23.5	35,652	27.8	12,967	43.3	22,685	23.1
20 to 44 years	445,745	36.8	84,331	35.2	361,414	37.2	47,120	31.7	14,473	33.7	32,647	30.9	333,278	38.0	54,758	35.8	278,520	38.5	18,734	32.0	4,546	33.6	14,188	31.6	46,584	36.4	10,541	35.2	36,043	36.7
45 to 64 years	277,940	22.9	39,987	16.7	237,953	24.5	38,618	26.0	7,038	16.4	31,580	29.9	193,117	22.0	25,950	16.9	167,167	23.1	14,908	25.5	2,119	15.7	12,789	28.5	31,229	24.4	4,853	16.2	26,376	26.9
65 years and older	160,601	13.3	14,631	6.1	145,970	15.0	20,119	13.5	2,359	5.5	17,760	16.8	117,737	13.4	9,980	6.5	107,757	14.9	8,069	13.8	676	5.0	7,393	16.4	14,629	11.4	1,591	5.3	13,038	13.3
Median age (years)		36.2		25.3			38.6		23.6				35.7		26.1				38.4		22.8				36.8		24.9			
Population by gender																														
Male	608,671	50.2	120,119	50.1	488,552	50.3	74,499	50.1	21,601	50.2	52,898	50.1	440,518	50.3	76,654	50.1	363,864	50.3	29,252	50.0	6,877	50.9	22,375	49.8	64,329	50.2	14,950	49.9	49,379	50.3
Female	602,866	49.8	119,536	49.9	483,330	49.7	74,178	49.9	21,409	49.8	52,769	49.9	435,638	49.7	76,463	49.9	359,175	49.7	29,211	50.0	6,634	49.1	22,577	50.2	63,765	49.8	15,002	50.1	48,763	49.7

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.11. Average Household Size by Race, Hawaii, 2010

		Total Population in Households	Total Households	Average Household Size
Hawaii	Total Population	1,317,421	455,338	2.89
	Native Hawaiian	283,041	69,330	4.08
	Non-Native Hawaiian	1,034,380	386,008	2.68
Hawaii County	Total Population	181,435	67,096	2.70
	Native Hawaiian	54,266	13,957	3.89
	Non-Native Hawaiian	127,169	53,139	2.39
Honolulu County	Total Population	917,907	311,047	2.95
	Native Hawaiian	176,745	42,261	4.18
	Non-Native Hawaiian	741,162	268,786	2.76
Kauai County	Total Population	65,930	23,240	2.84
	Native Hawaiian	15,900	3,856	4.12
	Non-Native Hawaiian	50,030	19,384	2.58
Maui County	Total Population	152,062	53,886	2.82
	Native Hawaiian	36,086	9,221	3.91
	Non-Native Hawaiian	115,976	44,665	2.60

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.
 Average household size was calculated by dividing total population in households by the number of households
 Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.12. Average Household Size by Race, Hawaii, 2000

		Total Population in Households	Total Households	Average Household Size
Hawaii	Total Population	1,175,755	403,240	2.92
	Native Hawaiian	235,678	58,809	4.01
	Non-Native Hawaiian	940,077	344,431	2.73
Hawaii County	Total Population	145,873	52,985	2.75
	Native Hawaiian	42,470	10,923	3.89
	Non-Native Hawaiian	103,403	42,062	2.46
Honolulu County	Total Population	845,211	286,450	2.95
	Native Hawaiian	150,083	37,165	4.04
	Non-Native Hawaiian	695,128	249,285	2.79
Kauai County	Total Population	57,831	20,183	2.87
	Native Hawaiian	13,391	3,254	4.12
	Non-Native Hawaiian	44,440	16,929	2.63
Maui County	Total Population	126,693	43,507	2.91
	Native Hawaiian	29,669	7,411	4.00
	Non-Native Hawaiian	97,024	36,096	2.69

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races. Average household size was calculated by dividing total population in households by the number of households
 Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.13. Household Size by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total households	403,240		58,809		344,431		52,985		10,923		42,062		286,450		37,165		249,285		20,183		3,254		16,929		43,507		7,411		36,096	
Small (one to four people)	339,661	84.2	43,871	74.6	295,790	85.9	45,596	86.1	8,312	76.1	37,284	88.6	240,336	83.9	27,632	74.3	212,704	85.3	17,063	84.5	2,439	75.0	14,624	86.4	36,553	84.0	5,432	73.3	31,121	86.2
Large (five or more people)	63,579	15.8	14,938	25.4	48,641	14.1	7,389	13.9	2,611	23.9	4,778	11.4	46,114	16.1	9,533	25.7	36,581	14.7	3,120	15.5	815	25.0	2,305	13.6	6,954	16.0	1,979	26.7	4,975	13.8

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.14. Household Type by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total households	455,338	100.0	69,330	100.0	386,008	100.0	67,096	100.0	13,957	100.0	53,139	100.0	311,047	100.0	42,261	100.0	268,786	100.0	23,240	100.0	3,856	100.0	19,384	100.0	53,886	100.0	9,221	100.0	44,665	100.0
Family households	313,907	68.9	53,669	77.4	260,238	67.4	44,407	66.2	10,734	76.9	33,673	63.4	217,842	70.0	32,689	77.4	185,153	68.9	16,147	69.5	3,063	79.4	13,084	67.5	35,498	65.9	7,175	77.8	28,323	63.4
Married with children less than age 18	91,610	20.1	15,931	23.0	75,679	19.6	11,141	16.6	3,070	22.0	8,071	15.2	65,995	21.2	9,710	23.0	56,285	20.9	4,289	18.5	938	24.3	3,351	17.3	10,185	18.9	2,213	24.0	7,972	17.8
Single parent with children	34,545	7.6	10,119	14.6	24,426	6.3	6,155	9.2	2,425	17.4	3,730	7.0	21,208	6.8	5,543	13.1	15,665	5.8	2,079	8.9	615	15.9	1,464	7.6	5,103	9.5	1,536	16.7	3,567	8.0
Married without children	138,466	30.4	17,217	24.8	121,249	31.4	20,693	30.8	3,363	24.1	17,330	32.6	95,177	30.6	10,672	25.3	84,505	31.4	7,365	31.7	966	25.1	6,399	33.0	15,223	28.3	2,213	24.0	13,010	29.1
Other family households	49,286	10.8	10,402	15.0	38,884	10.1	6,418	9.6	1,876	13.4	4,542	8.5	35,462	11.4	6,764	16.0	28,698	10.7	2,414	10.4	544	14.1	1,870	9.6	4,987	9.3	1,213	13.2	3,774	8.4
Nonfamily households	141,431	31.1	15,661	22.6	125,770	32.6	22,689	33.8	3,223	23.1	19,466	36.6	93,205	30.0	9,572	22.6	83,633	31.1	7,093	30.5	793	20.6	6,300	32.5	18,388	34.1	2,046	22.2	16,342	36.6

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.15. Household Type by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total households	403,240	100.0	58,809	100.0	344,431	100.0	52,985	100.0	10,923	100.0	42,062	100.0	286,450	100.0	37,165	100.0	249,285	100.0	20,183	100.0	3,254	100.0	16,929	100.0	43,507	100.0	7,411	100.0	36,096	100.0
Family households	287,068	71.2	46,309	78.7	240,759	69.9	36,903	69.6	8,586	78.6	28,317	67.3	36,903	71.8	29,148	78.4	176,524	70.8	14,572	72.2	2,655	81.6	11,917	70.4	29,899	68.7	5,909	79.7	23,990	66.5
Married with children less than age 18	96,758	24.0	15,983	27.2	80,775	23.5	11,302	21.3	3,031	27.7	8,271	19.7	11,302	24.6	9,680	26.0	60,762	24.4	4,842	24.0	1,039	31.9	3,803	22.5	10,171	23.4	2,233	30.1	7,938	22.0
Single parent with children	32,564	8.1	9,266	15.8	23,298	6.8	5,770	10.9	2,064	18.9	3,706	8.8	5,770	7.2	5,437	14.6	15,143	6.1	2,023	10.0	555	17.1	1,468	8.7	4,190	9.6	1,210	16.3	2,980	8.3
Married without children	119,319	29.6	13,614	23.1	105,705	30.7	15,526	29.3	2,332	21.3	13,194	31.4	15,526	29.9	8,919	24.0	76,834	30.8	6,039	29.9	741	22.8	5,298	31.3	11,983	27.5	1,612	21.8	10,371	28.7
Other family households	38,427	9.5	7,446	12.7	30,981	9.0	4,305	8.1	1,159	10.6	3,146	7.5	4,305	10.1	5,112	13.8	23,785	9.5	1,668	8.3	320	9.8	1,348	8.0	3,555	8.2	854	11.5	2,701	7.5
Nonfamily households	116,172	28.8	12,500	21.3	103,672	30.1	16,082	30.4	2,337	21.4	13,745	32.7	16,082	28.2	8,017	21.6	72,761	29.2	5,611	27.8	599	18.4	5,012	29.6	13,608	31.3	1,502	20.3	12,106	33.5

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.16. Educational Attainment by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Population age 25 years and older	903,810	100.0	144,986	100.0	758,824	100.0	123,533	100.0	26,065	100.0	97,468	100.0	631,112	100.0	91,664	100.0	539,448	100.0	45,286	100.0	7,057	100.0	38,229	100.0	103,805	100.0	20,182	100.0	83,623	100.0
Without a high school diploma or GED	92,445	10.2	14,199	9.8	78,246	10.3	11,681	9.5	2,391	9.2	9,290	9.5	63,741	10.1	8,290	9.0	55,451	10.3	5,316	11.7	904	12.8	4,412	11.5	11,692	11.3	2,614	13.0	9,078	10.9
With a high school diploma or GED	261,791	29.0	64,455	44.5	197,336	26.0	38,803	31.4	12,167	46.7	26,636	27.3	176,736	28.0	39,449	43.0	137,287	25.4	13,701	30.3	2,780	39.4	10,921	28.6	32,535	31.3	10,054	49.8	22,481	26.9
With some college or an associate's degree	283,479	31.4	45,353	31.3	238,126	31.4	40,137	32.5	8,170	31.3	31,967	32.8	194,433	30.8	28,901	31.5	165,532	30.7	15,976	35.3	2,630	37.3	13,346	34.9	32,908	31.7	5,639	27.9	27,269	32.6
With a bachelor's degree or graduate degree	266,095	29.4	20,979	14.5	245,116	32.3	32,912	26.6	3,337	12.8	29,575	30.3	196,202	31.1	15,024	16.4	181,178	33.6	10,293	22.7	743	10.5	9,550	25.0	26,670	25.7	1,875	9.3	24,795	29.7

GED = general educational development.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.17. Educational Attainment by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Population age 25 years and older	802,477	100.0	121,377	100.0	681,100	100.0	97,708	100.0	20,620	100.0	77,088	100.0	579,998	100.0	79,509	100.0	500,489	100.0	38,872	100.0	6,315	100.0	32,557	100.0	85,752	100.0	14,845	100.0	70,907	100.0
Without a high school diploma or GED	123,811	15.4	18,191	15.0	105,620	15.5	15,088	15.4	3,132	15.2	11,956	15.5	87,888	15.2	11,467	14.4	76,421	15.3	6,504	16.7	886	14.0	5,618	17.3	14,242	16.6	2,647	17.8	11,595	16.4
With a high school diploma or GED	228,832	28.5	52,399	43.2	176,433	25.9	30,653	31.4	9,299	45.1	21,354	27.7	161,348	27.8	33,446	42.1	127,902	25.6	11,546	29.7	2,839	45.0	8,707	26.7	25,256	29.5	6,786	45.7	18,470	26.0
With some college or an associate's degree	239,793	29.9	35,471	29.2	204,322	30.0	30,372	31.1	6,125	29.7	24,247	31.5	169,116	29.2	23,157	29.1	145,959	29.2	13,271	34.1	2,013	31.9	11,258	34.6	27,020	31.5	4,176	28.1	22,844	32.2
With a bachelor's degree or graduate degree	210,041	26.2	15,316	12.6	194,725	28.6	21,595	22.1	2,064	10.0	19,531	25.3	161,646	27.9	11,439	14.4	150,207	30.0	7,551	19.4	577	9.1	6,974	21.4	19,234	22.4	1,236	8.3	17,998	25.4

GED = general educational development.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.18. Employment by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total population age 16 years and older	1,068,287	100.0	186,492	100.0	881,795	100.0	143,857	100.0	33,936	100.0	109,921	100.0	752,343	100.0	117,124	100.0	635,219	100.0	52,406	100.0	9,314	100.0	43,092	100.0	119,607	100.0	26,100	100.0	93,507	100.0
In labor force	714,067	66.8	128,086	68.7	585,981	66.5	93,190	64.8	23,827	70.2	69,363	63.1	501,779	66.7	78,954	67.4	422,825	66.6	35,100	67.0	6,573	70.6	28,527	66.2	83,934	70.2	18,714	71.7	65,220	69.7
In civilian labor force	674,469	63.1	126,932	68.1	547,537	62.1	92,979	64.6	23,772	70.0	69,207	63.0	462,843	61.5	77,929	66.5	384,914	60.6	34,910	66.6	6,557	70.4	28,353	65.8	83,677	70.0	18,656	71.5	65,021	69.5
Employed	636,454	59.6	115,405	61.9	521,049	59.1	85,780	59.6	21,118	62.2	64,662	58.8	439,691	58.4	71,867	61.4	367,824	57.9	32,933	62.8	5,929	63.7	27,004	62.7	77,990	65.2	16,473	63.1	61,517	65.8
Unemployed	38,015	5.6	11,527	9.1	26,488	4.8	7,199	7.7	2,654	11.2	4,545	6.6	23,152	5.0	6,062	7.8	17,090	4.4	1,977	5.7	628	9.6	1,349	4.8	5,687	6.8	2,183	11.7	3,504	5.4
Armed Forces	39,598	3.7	1,154	0.6	38,444	4.4	211	0.1	55	0.2	156	0.1	38,936	5.2	1,025	0.9	37,911	6.0	190	0.4	16	0.2	174	0.4	257	0.2	58	0.2	199	0.2
Females age 16 years and older	537,019	100.0	94,908	100.0	442,111	100.0	72,414	100.0	17,551	100.0	54,863	100.0	378,200	100.0	59,278	100.0	318,922	100.0	26,400	100.0	4,865	100.0	21,535	100.0	59,972	100.0	13,201	100.0	46,771	100.0
In labor force	329,124	61.3	62,229	65.6	266,895	60.4	44,579	61.6	12,248	69.8	32,331	58.9	228,765	60.5	37,707	63.6	191,058	59.9	16,649	63.1	3,291	67.6	13,358	62.0	39,102	65.2	8,970	67.9	30,132	64.4
In civilian labor force	323,619	60.3	61,951	65.3	261,668	59.2	44,546	61.5	12,248	69.8	32,298	58.9	223,332	59.1	37,429	63.1	185,903	58.3	16,642	63.0	3,291	67.6	13,351	62.0	39,070	65.1	8,970	67.9	30,100	64.4
Employed	308,120	57.4	57,562	60.7	250,558	56.7	41,799	57.7	11,174	63.7	30,625	55.8	213,357	56.4	35,259	59.5	178,098	55.8	15,944	60.4	2,966	61.0	12,978	60.3	36,991	61.7	8,150	61.7	28,841	61.7
Unemployed	15,499	4.8	4,389	7.1	11,110	4.2	2,747	6.2	1,074	8.8	1,673	5.2	9,975	4.5	2,170	5.8	7,805	4.2	698	4.2	325	9.9	373	2.8	2,079	5.3	820	9.1	1,259	4.2
Armed Forces	5,505	1.0	278	0.3	5,227	1.2	33	0.0	—	0.0	33	0.1	5,433	1.4	278	0.5	5,155	1.6	7	0.0	—	0.0	7	0.0	32	0.1	—	0.0	32	0.1
Males age 16 years and older	531,268	100.0	91,584	100.0	439,684	100.0	71,443	100.0	16,385	100.0	55,058	100.0	374,143	100.0	57,846	100.0	316,297	100.0	26,006	100.0	4,449	100.0	21,557	100.0	59,635	100.0	12,899	100.0	46,736	100.0
In labor force	384,943	72.5	65,857	71.9	319,086	72.6	48,611	68.0	11,579	70.7	37,032	67.3	273,014	73.0	41,247	71.3	231,767	73.3	18,451	70.9	3,282	73.8	15,169	70.4	44,832	75.2	9,744	75.5	35,088	75.1
In civilian labor force	350,850	66.0	64,981	71.0	285,869	65.0	48,433	67.8	11,524	70.3	36,909	67.0	239,511	64.0	40,500	70.0	199,011	62.9	18,268	70.2	3,266	73.4	15,002	69.6	44,607	74.8	9,686	75.1	34,921	74.7
Employed	328,334	61.8	57,843	63.2	270,491	61.5	43,981	61.6	9,944	60.7	34,037	61.8	226,334	60.5	36,608	63.3	189,726	60.0	16,989	65.3	2,963	66.6	14,026	65.1	40,999	68.7	8,323	64.5	32,676	69.9
Unemployed	22,516	6.4	7,138	11.0	15,378	5.4	4,452	9.2	1,580	13.7	2,872	7.8	13,177	5.5	3,892	9.6	9,285	4.7	1,279	7.0	303	9.3	976	6.5	3,608	8.1	1,363	14.1	2,245	6.4
Armed Forces	34,093	6.4	876	1.0	33,217	7.6	178	0.2	55	0.3	123	0.2	33,503	9.0	747	1.3	32,756	10.4	183	0.7	16	0.4	167	0.8	225	0.4	58	0.4	167	0.4
Number of households	442,267		65,680		376,587		64,382		12,714		51,668		304,827		40,645		264,182		21,710		3,179		18,531		51,281		9,124		42,157	
With earnings	364,878	82.5	56,738	86.4	308,140	81.8	50,028	77.7	10,744	84.5	39,284	76.0	254,194	83.4	35,239	86.7	218,955	82.9	17,594	81.0	2,715	85.4	14,879	80.3	43,002	83.9	8,022	87.9	34,980	83.0

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, 2006-2010 American Community Survey Selected Population Tables

Exhibit A3.19. Employment by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total population age 16 years and older	950,055	100.0	158,486	100.0	791,569	100.0	114,647	100.0	27,650	100.0	87,017	100.0	691,015	100.0	103,236	100.0	587,779	100.0	44,920	100.0	8,310	100.0	36,610	100.0	99,326	100.0	19,222	100.0	80,104	100.0
In labor force	612,831	64.5	104,417	65.9	508,414	64.2	70,791	61.7	18,058	65.3	52,753	60.6	447,320	64.7	67,448	65.3	379,872	64.6	28,355	63.1	5,682	68.4	22,673	61.9	66,307	66.8	13,205	68.7	53,102	66.3
In civilian labor force	573,795	60.4	103,763	65.5	470,032	59.4	70,592	61.6	18,018	65.2	52,574	60.4	408,638	59.1	66,826	64.7	341,812	58.2	28,288	63.0	5,680	68.4	22,608	61.8	66,219	66.7	13,195	68.6	53,024	66.2
Employed	537,909	56.6	93,593	59.1	444,316	56.1	64,979	56.7	15,916	57.6	49,063	56.4	383,148	55.4	60,292	58.4	322,856	54.9	26,789	59.6	5,225	62.9	21,564	58.9	62,935	63.4	12,116	63.0	50,819	63.4
Unemployed	35,886	6.3	10,170	9.8	25,716	5.5	5,613	8.0	2,102	11.7	3,511	6.7	25,490	6.2	6,534	9.8	18,956	5.5	1,499	5.3	455	8.0	1,044	4.6	3,284	5.0	1,079	8.2	2,205	4.2
Armed Forces	39,036	4.1	654	0.4	38,382	4.8	199	0.2	20	0.1	179	0.2	38,682	5.6	622	0.6	38,060	6.5	67	0.1	2	0.0	65	0.2	88	0.1	10	0.1	78	0.1
Females age 16 years and older	476,513	100.0	80,622	100.0	395,891	100.0	57,884	100.0	14,162	100.0	43,722	100.0	346,036	100.0	52,468	100.0	293,568	100.0	22,656	100.0	4,098	100.0	18,558	100.0	49,878	100.0	9,865	100.0	40,013	100.0
In labor force	281,654	59.1	50,358	62.5	231,296	58.4	34,013	58.8	8,894	62.8	25,119	57.5	203,289	58.7	32,330	61.6	170,959	58.2	13,365	59.0	2,590	63.2	10,775	58.1	30,958	62.1	6,515	66.0	24,443	61.1
In civilian labor force	276,986	58.1	50,279	62.4	226,707	57.3	33,964	58.7	8,889	62.8	25,075	57.4	198,679	57.4	32,256	61.5	166,423	56.7	13,356	59.0	2,590	63.2	10,766	58.0	30,958	62.1	6,515	66.0	24,443	61.1
Employed	261,426	54.9	45,848	56.9	215,578	54.5	31,424	54.3	7,875	55.6	23,549	53.9	187,607	54.2	29,450	56.1	158,157	53.9	12,783	56.4	2,415	58.9	10,368	55.9	29,583	59.3	6,079	61.6	23,504	58.7
Unemployed	15,560	5.6	4,431	8.8	11,129	4.9	2,540	7.5	1,014	11.4	1,526	6.1	11,072	5.6	2,806	8.7	8,266	5.0	573	4.3	175	6.8	398	3.7	1,375	4.4	436	6.7	939	3.8
Armed Forces	4,668	1.0	79	0.1	4,589	1.2	49	0.1	5	0.0	44	0.1	4,610	1.3	74	0.1	4,536	1.5	9	0.0	-	0.0	9	0.0	-	0.0	-	0.0	-	0.0
Males age 16 years and older	473,542	100.0	77,864	100.0	395,678	100.0	56,763	100.0	13,468	100.0	43,295	100.0	344,979	100.0	50,768	100.0	294,211	100.0	22,264	100.0	4,212	100.0	18,052	100.0	49,448	100.0	9,357	100.0	40,091	100.0
In labor force	331,177	69.9	54,059	69.4	277,118	70.0	36,778	64.8	9,144	67.9	27,634	63.8	244,031	70.7	35,118	69.2	208,913	71.0	14,990	67.3	3,092	73.4	11,898	65.9	35,349	71.5	6,690	71.5	28,659	71.5
In civilian labor force	296,809	62.7	53,484	68.7	243,325	61.5	36,628	64.5	9,129	67.8	27,499	63.5	209,959	60.9	34,570	68.1	175,389	59.6	14,932	67.1	3,090	73.4	11,842	65.6	35,261	71.3	6,680	71.4	28,581	71.3
Employed	276,483	58.4	47,745	61.3	228,738	57.8	33,555	59.1	8,041	59.7	25,514	58.9	195,541	56.7	30,842	60.8	164,699	56.0	14,006	62.9	2,810	66.7	11,196	62.0	33,352	67.4	6,037	64.5	27,315	68.1
Unemployed	20,326	6.8	5,739	10.7	14,587	6.0	3,073	8.4	1,088	11.9	1,985	7.2	14,418	6.9	3,728	10.8	10,690	6.1	926	6.2	280	9.1	646	5.5	1,909	5.4	643	9.6	1,266	4.4
Armed Forces	34,368	7.3	575	0.7	33,793	8.5	150	0.3	15	0.1	135	0.3	34,072	9.9	548	1.1	33,524	11.4	58	0.3	2	0.0	56	0.3	88	0.2	10	0.1	78	0.2
Number of households	403,572		58,791		344,781		52,945		10,714		42,231		286,731		37,460		249,271		20,201		3,175		17,026		43,563		7,354		36,209	
With earnings	334,392	82.9	50,608	86.1	283,784	82.3	41,559	78.5	9,117	85.1	32,442	76.8	239,649	83.6	32,239	86.1	207,410	83.2	16,346	80.9	2,710	85.4	13,636	80.1	36,765	84.4	6,483	88.2	30,282	83.6

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.20. Income by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total households	442,267	100.0	65,680	100.0	376,587	100.0	64,382	100.0	12,714	100.0	51,668	100.0	304,827	100.0	40,645	100.0	264,182	100.0	21,710	100.0	3,179	100.0	18,531	100.0	51,281	100.0	9,124	100.0	42,157	100.0
Income (\$)																														
Less than 10,000	25,412	5.7	4,331	6.6	21,081	5.6	5,184	8.1	1,166	9.2	4,018	7.8	16,397	5.4	2,524	6.2	13,873	5.3	1,534	7.1	200	6.3	1,334	7.2	2,294	4.5	441	4.8	1,853	4.4
10,000-24,000	49,367	11.2	7,495	11.4	41,872	11.1	10,500	16.3	1,912	15.0	8,588	16.6	30,388	10.0	4,302	10.6	26,086	9.9	2,643	12.2	356	11.2	2,287	12.3	5,825	11.4	925	10.1	4,900	11.6
25,000-50,000	89,265	20.2	14,996	22.8	74,269	19.7	13,751	21.4	2,941	23.1	10,810	20.9	59,701	19.6	8,436	20.8	51,265	19.4	4,427	20.4	687	21.6	3,740	20.2	11,364	22.2	2,914	31.9	8,450	20.0
50,000-75,000	83,857	19.0	12,084	18.4	71,773	19.1	12,641	19.6	2,494	19.6	10,147	19.6	56,536	18.5	7,262	17.9	49,274	18.7	4,277	19.7	743	23.4	3,534	19.1	10,395	20.3	1,585	17.4	8,810	20.9
More than 75,000	194,366	43.9	26,774	40.8	167,592	44.5	22,306	34.6	4,201	33.0	18,105	35.0	141,805	46.5	18,121	44.6	123,684	46.8	8,829	40.7	1,193	37.5	7,636	41.2	21,403	41.7	3,259	35.7	18,144	43.0
Median household income (in 2010 dollars)	66,420		62,852				54,996		54,133				70,093		68,004				62,531		61,285				63,989		52,933			
With cash public assistance income	14,798	3.3	4,678	7.1	10,120	2.7	2,825	4.4	1,132	8.9	1,693	3.3	9,976	3.3	2,688	6.6	7,288	2.8	743	3.4	320	10.1	423	2.3	1,254	2.4	538	5.9	716	1.7
With Food Stamp/ SNAP benefits in the past 12 months	32,544	7.4	9,659	14.7	22,885	6.1	7,403	11.5	2,470	19.4	4,933	9.5	20,145	6.6	5,540	13.6	14,605	5.5	1,527	7.0	458	14.4	1,069	5.8	3,466	6.8	1,191	13.1	2,275	5.4

SNAP = Supplemental Nutrition Assistance Program.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.21. Income by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian		Total		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total households	403,572	100.0	58,791	100.0	344,781	100.0	52,945	100.0	10,714	100.0	42,231	100.0	286,731	100.0	37,460	100.0	249,271	100.0	20,201	100.0	3,175	100.0	17,026	100.0	43,563	100.0	7,354	100.0	36,209	100.0
Income (\$)																														
Less than 10,000	31,937	7.9	5,817	9.9	26,120	7.6	6,135	11.6	1,370	12.8	4,765	11.3	20,886	7.3	3,449	9.2	17,437	7.0	1,640	8.1	284	8.9	1,356	8.0	3,202	7.4	670	9.1	2,532	7.0
10,000-24,000	60,804	15.1	9,754	16.6	51,050	14.8	10,219	19.3	2,180	20.3	8,039	19.0	40,115	14.0	5,787	15.4	34,328	13.8	3,620	17.9	615	19.4	3,005	17.6	6,835	15.7	1,157	15.7	5,678	15.7
25,000-50,000	109,711	27.2	16,581	28.2	93,130	27.0	15,770	29.8	3,361	31.4	12,409	29.4	76,113	26.5	9,878	26.4	66,235	26.6	5,806	28.7	989	31.1	4,817	28.3	11,979	27.5	2,324	31.6	9,655	26.7
50,000-75,000	82,997	20.6	12,176	20.7	70,821	20.5	9,764	18.4	2,009	18.8	7,755	18.4	59,104	20.6	7,795	20.8	51,309	20.6	4,468	22.1	667	21.0	3,801	22.3	9,661	22.2	1,705	23.2	7,956	22.0
More than 75,000	118,123	29.3	14,463	24.6	103,660	30.1	11,057	20.9	1,794	16.7	9,263	21.9	90,513	31.6	10,551	28.2	79,962	32.1	4,667	23.1	620	19.5	4,047	23.8	11,886	27.3	1,498	20.4	10,388	28.7
Median household income (in 2010 dollars)	49,820		45,381		39,805		37,141					51,914		48,890				45,020					49,489		45,538					
With cash public assistance income	28,886	7.2	8,623	14.7	20,263	5.9	5,158	9.7	1,890	17.6	3,268	7.7	19,423	6.8	5,222	13.9	14,201	5.7	1,573	7.8	512	16.1	1,061	6.2	2,732	6.3	999	13.6	1,733	4.8
With Food Stamp/SNAP benefits in the past 12 months	—		—		—		—		—		—		—		—		—		—		—		—		—		—			

SNAP = Supplemental Nutrition Assistance Program.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.22. Poverty by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total population for whom poverty was determined	1,298,918		267,688		1,031,230		176,103		48,867		127,236		909,284		167,136		742,148		64,561		13,909		50,652		148,896		37,758		111,138	
Less than 18 years of age	296,165		96,199		199,966		41,036		18,226		22,810		205,687		58,968		146,719		14,817		5,338		9,479		34,625		13,667		20,958	
Ages 18 to 64 years	821,030		152,337		668,693		110,433		27,619		82,814		573,350		95,280		478,070		40,675		7,687		32,988		96,527		21,733		74,794	
Age 65 and older	181,723		19,152		162,571		24,634		3,022		21,612		130,247		12,888		117,359		9,069		884		8,185		17,744		2,358		15,386	
Total population for whom poverty was determined	1,298,918		267,688		1,031,230		176,103		48,867		127,236		909,284		167,136		742,148		64,561		13,909		50,652		148,896		37,758		111,138	
Population with income in the past 12 months below poverty level	124,627	9.6	32,380	12.1	92,247	8.9	25,392	19.1	7,344	15.0	18,048	14.2	80,309	8.8	19,696	11.8	60,613	8.2	5,710	8.8	1,165	8.4	4,545	9.0	13,213	8.9	4,175	11.1	9,038	8.1
Less than 18 years old	36,417	12.3	14,752	15.3	21,665	10.8	7,852	13.8	3,513	19.3	4,339	19.0	23,255	11.3	8,756	14.8	14,499	9.9	1,381	9.3	452	8.5	929	9.8	3,929	11.3	2,031	14.9	1,898	9.1
Ages 18 to 64 years	74,666	9.1	16,382	10.8	58,284	8.7	15,217	9.4	3,541	12.8	11,676	14.1	47,750	8.3	10,229	10.7	37,521	7.8	3,463	8.5	617	8.0	2,846	8.6	8,236	8.5	1,995	9.2	6,241	8.3
Age 65 and older	13,544	7.5	1,246	6.5	112,298	7.6	2,323	7.1	290	9.6	2,033	9.4	9,304	7.1	711	5.5	8,593	7.3	866	9.5	96	10.9	770	9.4	1,048	5.9	149	6.3	899	5.8

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.23. Poverty by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total population for whom poverty was determined	1,178,795		236,932		941,863		145,752		42,511		103,241		848,240		151,521		696,719		57,916		13,151		44,765		126,740		29,661		97,079	
Less than 18 years of age	288,057		90,978		197,079		37,823		17,288		20,535		203,138		56,220		146,918		15,235		5,547		9,688		31,861		11,923		19,938	
Ages 18 to 64 years	732,746		131,469		601,277		88,497		22,990		65,507		529,161		85,269		443,892		34,701		6,952		27,749		80,313		16,213		64,100	
Age 65 and older	157,992		14,485		143,507		19,432		2,233		17,199		115,941		10,032		105,909		7,980		652		7,328		14,566		1,525		13,041	
Total population for whom poverty was determined	1,178,795		236,932		941,863		145,752		42,511		103,241		848,240		151,521		696,719		57,916		13,151		44,765		126,740		29,661		97,079	
Population with income in the past 12 months below poverty level	126,154	10.7	38,007	16.0	88,147	9.4	22,821	15.7	8,949	21.1	13,872	13.4	83,937	9.9	22,382	14.8	61,555	8.8	6,085	10.5	2,228	16.9	3,857	8.6	13,252	10.5	4,404	14.8	8,848	9.1
Less than 18 years old	40,542	14.1	17,940	19.7	22,602	11.5	8,202	21.7	4,519	26.1	3,683	17.9	26,155	12.9	10,208	18.2	15,947	10.9	2,100	13.8	1,183	21.3	917	9.5	4,085	12.8	2,030	17.0	2,055	10.3
Ages 18 to 64 years	73,929	10.1	18,742	14.3	55,187	9.2	13,228	14.9	4,242	18.5	8,986	13.7	49,168	9.3	11,333	13.3	37,835	8.5	3,439	9.9	969	13.9	2,470	8.9	8,079	10.1	2,183	13.5	5,896	9.2
Age 65 and older	11,683	7.4	1,325	9.1	10,358	7.2	1,391	7.2	188	8.4	1,203	7.0	8,614	7.4	841	8.4	7,773	7.3	546	6.8	76	11.7	470	6.4	1,088	7.5	191	12.5	897	6.9

Note: Native Hawaiian population includes Native Hawaiian alone or in combination with other races.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.24. Economic Indicators by Race, Hawaii, 2011

	Hawaii						Honolulu County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Employment												
Population age 16 years and older	1,102,147		202,979		899,168		773,786		126,941		646,845	
Population age 16 years and older , employed by gender												
Male	324,123	59.1	59,805	59.1	264,318	59.1	227,288	59.0	38,816	61.0	188,471	58.6
Female	305,203	55.1	58,329	57.3	246,874	54.6	214,544	55.2	37,729	59.6	176,815	54.3
Total	629,326	57.1	118,134	58.2	511,192	56.9	441,832	57.1	76,545	60.3	365,286	56.5
Population age 16 years and older , unemployed by gender												
Male	30,962	8.7	10,354	14.7	20,609	7.2	18,812	7.6	4,587	10.6	14,225	7.0
Female	21,569	6.6	6,841	10.5	14,729	5.6	13,917	6.1	3,821	9.2	10,096	5.4
Total	52,532	7.7	17,194	12.7	35,337	6.5	32,729	6.9	8,407	9.9	24,321	6.2
Poverty												
Total population for whom poverty status was determined	1,338,543						933,104					
Less than 18 years of age	299,170						208,310					
Ages 18 to 64 years	841,093						585,187					
Age 65 years and older	198,280						139,607					
Poverty rates by age group												
Total	161,290	12.0		17.2			94,429	10.1		13.7		
Less than 18 years of age	50,834	17.0		22.2			27,750	13.3		17.3		
Ages 18 to 64 years	94,102	11.2		14.8			55,270	9.4		11.9		
Age 65 years and older	16,354	8.2		11.1			11,409	8.2		10.8		
Total households	448,563		67,710		380,853		308,495		41,465		267,030	
Median household income (in 2011 dollars)	61,821		59,532				66,146		64,652			
With earnings	361,990	80.7	57,892	85.5	304,098	79.8	252,657	81.9	35,453	85.5	217,205	81.3
With cash public assistance income	19,288	4.3	6,568	9.7	12,720	3.3	11,723	3.8	3,939	9.5	7,784	2.9
With Food Stamp benefits in the past 12 months	48,445	10.8	15,438	22.8	33,007	8.7	28,382	9.2	8,127	19.6	20,254	7.6

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.

Source: US Census Bureau, 2011 American Community Survey 1-Year Estimates. Native Hawaiian data were suppressed for Honolulu, Kauai, and Maui counties because of small sample size.

Exhibit A3.25. Economic Indicators by Race, Hawaii, 2008

	Hawaii						Honolulu County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Employment												
Population age 16 years and older	1,037,731		171,767		865,964		728,799		107,257		621,542	
Population age 16 years and older, employed by gender												
Male	327,833	63.3	57,207	68.0	270,626	62.4	221,546	61.1	35,602	67.5	185,944	60.0
Female	302,396	58.2	54,957	62.7	247,439	57.3	209,056	57.1	34,008	62.4	175,048	56.2
Total	630,229	60.7	112,164	65.3	518,065	59.8	430,602	59.1	69,610	64.9	360,992	58.1
Population age 16 years and older, unemployed by gender												
Male	15,116	4.4	4,003	6.5	11,113	3.9	8,907	3.9	2,308	6.1	6,599	3.4
Female	11,559	3.7	2,653	4.6	8,906	3.5	7,102	3.3	1,125	3.2	5,977	3.3
Total	26,675	4.1	6,656	5.6	20,019	3.7	16,009	3.6	3,433	4.7	12,576	3.4
Poverty												
Total population for whom poverty status was determined	1,260,602						881,647					
Less than 18 years of age	280,966						196,165					
Ages 18 to 64 years	793,888						549,738					
Age 65 years and older	185,748						135,744					
Poverty rates by age group												
Total	115,131	9.1		10.2			74,725	8.5		10.8		
Less than 18 years of age	28,233	10.0		12.2			18,980	9.7		11.4		
Ages 18 to 64 years	74,348	9.4		9.7			46,676	8.5		11.1		
Age 65 years and older	12,550	6.8		5.8			9,069	6.7		7.5		
Total households	437,105		61,358		375,747		302,861		37,388		265,473	
Median household income (in 2011 dollars)	70,222		69,323				74,126		74,513			
With earnings	360,751	82.5	52,952	86.3	307,799	81.9	251,432	83.0	32,528	87.0	218,904	82.5
With cash public assistance income	13,519	3.1	3,927	6.4	9,592	2.6	8,575	2.8	1,869	5.0	6,706	2.5
With Food Stamp benefits in the past 12 months	31,359	7.2	8,958	14.6	22,401	6.0	20,653	6.8	5,309	14.2	15,344	5.8

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.

Source: US Census Bureau, 2008 American Community Survey 1-Year Estimates. Native Hawaiian data were suppressed for Honolulu, Kauai, and Maui counties because of small sample size.

Exhibit A3.26. Number of Persons in Population Per Housing Unit, 2010

	Hawaii	Hawaii County	Honolulu County	Kauai County	Maui County
Total population	1,360,301	185,079	953,207	67,091	154,834
Total housing units	519,508	82,324	336,899	29,793	70,379
Number of persons per unit	2.6	2.2	2.8	2.3	2.2

Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.27. Number of Persons in Population Per Housing Unit, 2000

	Hawaii	Hawaii County	Honolulu County	Kauai County	Maui County
Total population	1,211,537	148,677	876,156	58,463	128,094
Total housing units	460,542	62,674	315,988	25,331	56,377
Number of persons per unit	2.6	2.4	2.8	2.3	2.3

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.28. Homeownership by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total occupied units	455,338		69,330		386,008		67,096		13,957		53,139		311,047		42,261		268,786		23,240		3,856		19,384		53,886		9,221		44,665	
Owner-occupied units	262,682	57.7	38,088	54.9	224,594	58.2	44,271	66.0	8,112	58.1	36,159	68.0	174,387	56.1	22,900	54.2	151,487	56.4	13,968	60.1	2,088	54.1	11,880	61.3	30,055	55.8	4,987	54.1	25,068	56.1

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.
 Source: U.S. Census Bureau, decennial census 2010.

Exhibit A3.29. Homeownership by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total occupied units	403,240		58,809		344,431		52,985		10,923		42,062		286,450		37,165		249,285		20,183		3,254		16,929		43,507		7,411		36,096	
Owner-occupied units	227,888	56.5	30,832	52.4	197,056	57.2	34,175	64.5	6,079	55.7	28,096	66.8	156,290	54.6	18,941	51.0	137,349	55.1	12,384	61.4	1,773	54.5	10,611	62.7	25,039	57.6	4,039	54.5	21,000	58.2

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.
 Source: U.S. Census Bureau, decennial census 2000.

Exhibit A3.30. Housing Structure Type by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total housing units	442,267		65,680		376,587		64,382		12,714		51,668		304,827		40,645		264,182		21,710		3,179		18,531		51,281		9,124		42,157	
Single-family units	284,358	64.3	46,825	71.3	237,533	63.1	53,907	83.7	10,365	81.5	43,542	84.3	174,956	57.4	26,081	64.2	148,875	56.4	18,258	84.1	2,579	81.1	15,679	84.6	37,182	72.5	7,787	85.3	29,395	69.7
Townhouse/multifamily units	157,143	35.5	18,742	28.5	138,401	36.8	10,306	16.0	2,336	18.4	7,970	15.4	129,421	42.5	14,496	35.7	114,925	43.5	3,407	15.7	600	18.9	2,807	15.1	13,997	27.3	1,305	14.3	12,692	30.1
Mobile home, boat, RV, van, etc.	766	0.2	113	0.2	653	0.2	169	0.3	13	0.1	156	0.3	450	0.1	68	0.2	382	0.1	45	0.2	-	0.0	45	0.2	102	0.2	32	0.4	70	0.2

RV = recreational vehicle.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.

Source: U.S. Census Bureau, 2006-2010 American Community Survey selected population tables

Exhibit A3.31. Housing Structure Type by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total housing units	403,240		59,052		344,188		52,985		10,838		42,147		286,450		37,773		248,677		20,183		3,034		17,149		43,507		7,330		36,177	
Single-family units	259,066	64.2	41,277	69.9	217,789	63.3	44,767	84.5	9,157	84.5	35,610	84.5	164,375	57.4	23,583	62.4	140,792	56.6	17,340	85.9	2,637	86.9	14,703	85.7	32,507	74.7	5,836	79.6	26,671	73.7
Townhouse/multifamily units	143,030	35.5	17,621	29.8	125,409	36.4	7,921	14.9	1,614	14.9	6,307	15.0	121,420	42.4	14,137	37.4	107,283	43.1	2,778	13.8	388	12.8	2,390	13.9	10,873	25.0	1,469	20.0	9,404	26.0
Mobile home, boat, RV, van, etc.	1,144	0.3	154	0.3	990	0.3	297	0.6	67	0.6	230	0.5	655	0.2	53	0.1	602	0.2	65	0.3	9	0.3	56	0.3	127	0.3	25	0.3	102	0.3

RV = recreational vehicle.

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.

Source: U.S. Census Bureau, decennial census 2000.

Exhibit A3.32. Housing Age and Size by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total housing units	442,267		65,680		376,587		64,382		12,714		51,668		304,827		40,645		264,182		21,710		3,179		18,531		51,281		9,124		42,157	
Age																														
Built before 1960	83,672	18.9	13,724	20.9	69,948	18.6	9,970	15.5	2,220	17.5	7,750	15.0	63,230	20.7	9,255	22.8	53,975	20.4	3,348	15.4	521	16.4	2,827	15.3	7,070	13.8	1,715	18.8	5,355	12.7
Built in or after 1960	358,595	81.1	51,956	79.1	306,639	81.4	54,412	84.5	10,494	82.5	43,918	85.0	241,597	79.3	31,390	77.2	210,207	79.6	18,362	84.6	2,658	83.6	15,704	84.7	44,211	86.2	7,409	81.2	36,802	87.3
Size																														
Two or fewer rooms	44,666	10.1	5,509	8.4	39,157	10.4	5,354	8.3	1,090	8.6	4,264	8.3	31,900	10.5	3,599	8.9	28,301	10.7	1,684	7.8	191	6.0	1,493	8.1	5,704	11.1	616	6.8	5,088	12.1
Three to five rooms	241,498	54.6	38,518	58.6	202,980	53.9	37,820	58.7	7,764	61.1	30,056	58.2	160,495	52.7	22,454	55.2	138,041	52.3	12,042	55.5	2,021	63.6	10,021	54.1	31,108	60.7	6,274	68.8	24,834	58.9
Six or more rooms	156,103	35.3	21,653	33.0	134,450	35.7	21,208	32.9	3,860	30.4	17,348	33.6	112,432	36.9	14,592	35.9	97,840	37.0	7,984	36.8	967	30.4	7,017	37.9	14,469	28.2	2,234	24.5	12,235	29.0

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.
 Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.33. Housing Age and Size by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
Total housing units	403,240		59,052		344,188		52,985		10,838		42,147		286,450		37,773		248,677		20,183		3,034		17,149		43,507		7,330		36,177	
Age																														
Built before 1960	87,207	21.6	13,089	22.2	74,118	21.5	9,586	18.1	1,930	17.8	7,656	18.2	67,761	23.7	9,264	24.5	58,497	23.5	3,635	18.0	618	20.4	3,017	17.6	6,148	14.1	1,213	16.5	4,935	13.6
Built in or after 1960	316,033	78.4	45,963	77.8	270,070	78.5	43,399	81.9	8,908	82.2	34,491	81.8	218,689	76.3	28,509	75.5	190,180	76.5	16,548	82.0	2,416	79.6	14,132	82.4	37,359	85.9	6,117	83.5	31,242	86.4
Size																														
Two or fewer rooms	74,300	18.4	10,865	18.4	63,435	18.4	6,629	12.5	1,517	14.0	5,112	12.1	58,285	20.3	7,536	20.0	50,749	20.4	1,914	9.5	362	11.9	1,552	9.1	7,370	16.9	1,373	18.7	5,997	16.6
Three to five rooms	203,675	50.5	31,872	54.0	171,803	49.9	30,042	56.7	6,467	59.7	23,575	55.9	137,630	48.0	19,402	51.4	118,228	47.5	11,621	57.6	1,786	58.9	9,835	57.4	24,369	56.0	4,217	57.5	20,152	55.7
Six or more rooms	125,265	31.1	16,315	27.6	108,950	31.7	16,314	30.8	2,854	26.3	13,460	31.9	90,535	31.6	10,835	28.7	79,700	32.0	6,648	32.9	886	29.2	5,762	33.6	11,768	27.0	1,740	23.7	10,028	27.7

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.
 Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.34. Housing Costs by Race, Hawaii, 2010

	Hawaii		Hawaii County		Honolulu County		Kauai County		Maui County	
	Total population	Native Hawaiian								
Total occupied units	442,267	65,680	64,382	12,714	304,827	40,645	21,710	3,179	51,281	9,124
Median home value	537,400	463,800	361,400	320,300	559,000	508,400	583,200	499,100	614,600	492,000
Median gross rent	1,260	1,084	1,009	900	1,312	1,140	1,187	1,080	1,313	1,198

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.

Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.35. Housing Costs by Race, Hawaii, 2000

	Hawaii		Hawaii County		Honolulu County		Kauai County		Maui County	
	Total population	Native Hawaiian								
Total specified occupied units	403,240	59,052	52,985	10,838	286,450	37,773	20,183	3,034	43,507	7,330
Median home value (in 2010 dollars)	356,926	294,624	201,172	184,680	404,438	351,036	282,845	258,107	327,084	266,091
Median gross rent (in 2010 dollars)	1,020	941	844	814	1,050	988	967	842	1,031	915

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.

Financial data on housing are available only for specified occupied units in 2000, whereas data for 2010 cover all occupied units. Thus, comparisons of cost cannot be made between the two data sets.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.36. Facility and Crowding Indicators by Race, Hawaii, 2010

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
2010																														
Occupied housing units	442,267		65,680		376,587		64,382		12,714		51,668		304,827		40,645		264,182		21,710		3,179		18,531		51,281		9,124		42,157	
Overcrowding																														
Overcrowded (more than 1 person per room)	39,474	8.9	9,998	15.2	29,476	7.8	5,034	7.8	1,693	13.3	3,341	6.5	26,738	8.8	5,928	14.6	20,810	7.9	1,911	8.8	538	16.9	1,373	7.4	5,791	11.3	1,839	20.2	3,952	9.4
Severely overcrowded (more than 1.5 persons per room)	13,301	3.0	3,118	4.7	10,183	2.7	1,724	2.7	569	4.5	1,155	2.2	9,194	3.0	1,907	4.7	7,287	2.8	675	3.1	199	6.3	476	2.6	1,708	3.3	443	4.9	1,265	3.0
Facilities problems																														
Lacking complete plumbing facilities	3,402	0.8	726	1.1	2,676	0.7	1,202	1.9	385	3.0	817	1.6	1,468	0.5	192	0.5	1,276	0.5	281	1.3	38	1.2	243	1.3	451	0.9	111	1.2	340	0.8
Lacking complete kitchen facilities	6,739	1.5	1,223	1.9	5,516	1.5	1,187	1.8	308	2.4	879	1.7	4,123	1.4	571	1.4	3,552	1.3	528	2.4	81	2.5	447	2.4	901	1.8	263	2.9	638	1.5
No telephone service	14,833	3.4	3,010	4.6	11,823	3.1	1,963	3.0	618	4.9	1,345	2.6	10,190	3.3	1,741	4.3	8,449	3.2	1,126	5.2	221	7.0	905	4.9	1,554	3.0	430	4.7	1,124	2.7
Occupied units with costs	428,399		62,968		365,431		61,794		12,122		49,672		295,973		39,240		256,733		21,142		3,108		18,034		49,475		8,498		40,977	
Cost burdened (spending more than 30 percent of income on housing)	184,217	41.7	26,315	40.1	157,902	41.9	24,221	37.6	4,832	38.0	19,389	37.5	128,160	42.0	16,668	41.0	111,492	42.2	8,828	40.7	1,052	33.1	7,776	42.0	23,004	44.9	3,763	41.2	19,241	45.6
Severely cost burdened (spending more than 50 percent of income on housing)	149,419	33.8	21,626	32.9	127,793	33.9	19,958	31.0	3,845	30.2	16,113	31.2	103,385	33.9	13,828	34.0	89,557	33.9	7,170	33.0	865	27.2	6,305	34.0	18,902	36.9	3,088	33.8	15,814	37.5

Note: Native Hawaiian population includes Native Hawaiian alone or in combination.

Source: U.S. Census Bureau, 2006-2010 American Community Survey selected population tables

Exhibit A3.37. Facility and Crowding Indicators by Race, Hawaii, 2000

	Hawaii						Hawaii County						Honolulu County						Kauai County						Maui County					
	Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian		Total Population		Native Hawaiian		Non-Native Hawaiian	
	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.	N	Pct.
2000																														
Occupied housing units	402,240		59,052		344,188		52,985		10,838		42,147		286,450		37,773		248,677		20,183		3,034		17,149		43,507		7,330		36,177	
Overcrowding																														
Overcrowded (more than 1 person per room)	62,268	15.4	14,806	25.1	47,462	13.8	6,788	12.8	2,523	23.3	4,265	10.1	45,852	16.0	9,473	25.1	36,379	14.6	2,496	12.4	645	21.3	1,851	10.8	7,132	16.4	2,165	29.5	4,967	13.7
Severely overcrowded (more than 1.5 persons per room)	31,163	7.7	7,152	12.1	24,011	7.0	2,999	5.7	1,129	10.4	1,870	4.4	23,519	8.2	4,634	12.3	18,885	7.6	1,085	5.4	290	9.6	795	4.6	3,560	8.2	1,099	15.0	2,461	6.8
Facilities problems																														
Lacking complete plumbing facilities	3,833	1.0	681	1.2	3,152	0.9	1,450	2.7	284	2.6	1,166	2.8	1,760	0.6	251	0.7	1,509	0.6	178	0.9	61	2.0	117	0.7	445	1.0	85	1.2	360	1.0
Lacking complete kitchen facilities	5,765	1.4	998	1.7	4,767	1.4	1,564	3.0	322	3.0	1,242	2.9	3,391	1.2	467	1.2	2,924	1.2	314	1.6	78	2.6	236	1.4	471	1.1	118	1.6	353	1.0
No telephone service	8,260	2.0	2,469	4.2	5,791	1.7	1,773	3.3	576	5.3	1,197	2.8	4,981	1.7	1,354	3.6	3,627	1.5	439	2.2	167	5.5	272	1.6	1,054	2.4	372	5.1	682	1.9
Specified occupied units with costs	348,319		53,711		294,608		48,296		10,151		38,145		243,062		33,937		209,125		18,574		2,901		15,673		38,272		6,645		31,627	
Cost burdened (spending more than 30 percent of income on housing)	115,343	33.1	19,097	35.6	96,246	32.7	14,678	30.4	3,430	33.8	11,248	29.5	81,178	33.4	12,505	36.8	68,673	32.8	6,015	32.4	943	32.5	5,072	32.4	13,459	35.2	2,219	33.4	11,240	35.5
Severely cost burdened (spending more than 50 percent of income on housing)	89,358	25.7	14,964	27.9	74,394	25.3	11,607	24.0	2,724	26.8	8,883	23.3	62,447	25.7	9,707	28.6	52,740	25.2	4,755	25.6	754	26.0	4,001	25.5	10,536	27.5	1,779	26.8	8,757	27.7

Notes: Native Hawaiian population includes Native Hawaiian alone or in combination.

Financial data on housing are available only for specified occupied units in 2000, whereas data for 2010 cover all occupied units. Thus, comparisons of cost burden cannot be made between the two data sets.

Source: U.S. Census Bureau, decennial census 2000

Exhibit A3.38. Population by Race and Ethnicity, Hawaiian Home Lands, 2010

	Population	Percent of Total Population
Total population	27,596	100.0
Population by race		
Native Hawaiian alone	11,791	42.7
American Indian or Alaska Native alone	32	0.1
White alone	1,124	4.1
Black or African-American alone	73	0.3
Asian alone	1,201	4.4
Other Pacific Islander alone	291	1.1
Some other race alone	88	0.3
Two or more races	12,524	45.4
Not including Native Hawaiian	253	0.9
Native Hawaiian in combination	12,271	44.5
Native Hawaiian alone or in combination	24,062	87.2
Population by ethnicity		
Not Hispanic or Latino	25,039	90.7
Hispanic or Latino (of any race)	2,557	9.3

Note: Hawaiian home lands include only the 20 largest residential home lands communities.

Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.39. Population by Age, Hawaiian Home Lands, 2010

	Population	Percent of Population
Total population, Hawaiian home lands	27,596	100.0
Population by age group—detailed		
Less than 5 years of age	2,200	8.0
5 to 9 years	2,281	8.3
10 to 14 years	2,347	8.5
15 to 19 years	2,394	8.7
20 to 24 years	1,867	6.8
25 to 34 years	3,489	12.6
35 to 44 years	3,471	12.6
45 to 54 years	3,785	13.7
55 to 59 years	1,654	6.0
60 to 64 years	1,275	4.6
65 to 74 years	1,834	6.6
75 to 84 years	798	2.9
85 years and older	201	0.7
Population by age group—general		
Less than 20	9,222	33.4
20 to 44	8,827	32.0
45 to 64	6,714	24.3
65 and older	2,833	10.3

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.40. Average Household Size, Hawaiian Home Lands, 2010

Total population in households	27,490
Total number of households	6,417
Average household size, 2010	4.28

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.41. Households by Household Type, Hawaiian Home Lands, 2010

	Number of Households	Percent of Households
Total households, Hawaiian home lands (number)	6,417	100.0
Family households	5,569	86.8
Married with children less than age 18	1,591	24.8
Single parent with children less than age 18	555	8.6
Married without children	2,040	31.8
Other	1,383	21.6
Nonfamily households	848	13.2

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.42. Family Households by Size, Hawaiian Home Lands, 2010

	Number of Households	Percent of Households
Total households, Hawaiian home lands (number)	6,417	100.0
Large household (five or more people)	2,542	39.6
Small household	3,875	60.4

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, decennial census 2010

Exhibit A3.43. Educational Attainment for the Population Age 25 and Older, Hawaiian Home Lands, 2010

	Population	Percent of Population
Population age 25 years and older	15,262	100.0
Population age 25 and older by education level		
Without a high school diploma or GED	1,801	11.8
With a high school diploma or GED	8,040	52.7
With some college or associate's degree	4,157	27.2
With a bachelor's degree or graduate degree	1,264	8.3

GED = general educational development.
 Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.44. Employment Indicators for the Population Age 16 and Older, Hawaiian Home Lands, 2010

	Population	Percent of Population
Labor force participation characteristics		
Total population (16 and older)	18,820	100.0
In labor force	12,188	64.8
In civilian labor force	12,130	64.5
Employed	10,866	57.7
Unemployed	1,264	10.4
In military	58	0.3
Males (age 16 and older)	9,222	100.0
In labor force	6,386	69.2
In civilian labor force	6,365	69.0
Employed	5,469	59.3
Unemployed	896	14.1
In military	-	-
Females (age 16 and older)	9,598	100.0
In labor force	5,802	60.5
In civilian labor force	5,765	60.1
Employed	5,397	56.2
Unemployed	368	6.4
In military	-	-
Earnings and full-time work characteristics, number of households		
With earnings	5,105	79.6

Notes: Hawaiian home lands include only the 20 largest residential home lands communities.

For *earnings* and *full-time work characteristics*, the percent calculations represent the percent of households with earnings rather than the percent of the individual population.

Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.45. Household Income Characteristics, Hawaiian Home Lands, 2010

	Population	Percent of Population
Total households	5,861	100.0
Household income level		
Less than 10,000	266	4.5
10,000 to 25,000	563	9.6
25,000 to 50,000	1,331	22.7
50,000 to 75,000	1,098	18.7
More than 75,000	2,603	44.4
With cash public assistance	393	6.7
Received Food Stamps/SNAP	943	16.1

SNAP = Supplemental Nutrition Assistance Program.

Note: Hawaiian home lands include only the 20 largest residential home lands communities.

Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.46. Median Household Income, Hawaiian Home Lands, 2010

Mean household income (2010 dollars)	\$76,387
Median household income (2010 dollars)	\$66,901

Notes: Hawaiian home lands include only the 20 largest residential home lands communities. Median of the medians.

Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.47. Poverty Rates by Age, Hawaiian Home Lands, 2010

	Population	Percent of Population
Total population for whom poverty was determined	24,872	
Less than 18 years of age	7,094	
18 to 64 years	15,168	
65 years and older	2,610	
Population below the poverty level	1,452	5.8
Poverty by age		
Less than 18 years of age	325	4.6
18 to 64 years	1,005	6.6
65 years and older	122	4.7

Note: Hawaiian home lands include only the 20 largest residential home lands communities.

Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.48. Housing Market Indicators, Hawaiian Home Lands, 2010

Total housing units	6,068
Vacancy rate	3.4
For sale units	0.0
For rent units	0.7
Other	2.7

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, 2006-2010 American Community Survey selected population tables

Exhibit A3.49. Household Tenure, Hawaiian Home Lands, 2010

	Housing Units	Percent of Housing Units
Occupied housing units	5,861	96.6
Percent of occupied housing units by tenure		
Owner-occupied units	5,251	89.6
Renter-occupied units	610	10.4

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, 2006-2010 American Community Survey selected population tables

Exhibit A3.50. Housing Structure Type, Hawaiian Home Lands, 2010

	Number of Units	Percent of Units
Total Housing Units	6,068	100.0
Percent of Housing Units by Structure Types		
Single family detached	5814	95.8
Townhouse/multifamily	245	4.0
Mobile home/RV	9	0.1

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, 2006-2010 American Community Survey selected population tables

Exhibit A3.51. Housing Age and Size, Hawaiian Home Lands, 2010

	Number of Units	Percent of Units
Total housing units	6,068	100.0
Percent of housing units by age of home		
Built before 1960	578	9.5
Built in or after 1960	5,490	90.5
Percent of housing units by size of home		
Two or fewer rooms	168	2.8
Three to four rooms	1,303	21.5
Six or more rooms	4,597	75.8

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.52. Home Values, Hawaiian Home Lands, 2010

	Percent of Units
\$150,000 to 199,999	15.6
\$200,000 to 299,999	25.8
\$300,000 to 499,999	24.2
More than \$500,000	14.9

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.53. Facility and Crowding Indicators, Hawaiian Home Lands, 2010

	Number of Units	Percent of Units
Occupied housing units	5,861	100.0
Percent of occupied housing units		
Overcrowded (more than 1 person per room)	1,129	19.3
Severely overcrowded (more than 1.5 persons per room)	338	5.8
Cost burdened (spending more than 30 percent of income on housing)	1,211	20.7
Lacking complete plumbing facilities	46	0.8
Lacking complete kitchen facilities	61	1.0
No telephone service available	169	2.9

Note: Hawaiian home lands include only the 20 largest residential home lands communities.
 Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Exhibit A3.54. Population Mobility, Hawaiian Home Lands, 2010

	Population	Percent of Population
Population age 1 year and older	24,711	100.0
Living in the same place as the year before	23,340	94.5
Living in a different place 1 year ago	1,342	5.4
Living in the same county	1,080	4.4
Living outside the same county/the same state/the United States	262	1.1
Occupied housing units	5,861	100.0
Moved into current home before 2000	3,833	65.4

Note: Hawaiian home lands include only the 20 largest residential home lands communities.

Source: U.S. Census Bureau, 2006–2010 American Community Survey selected population tables

Appendix B. Household Survey of Hawaiian Homes Commission Act (HHCA) Beneficiaries on the Waiting List for a Lease on the Home Lands

The information in this appendix describes the approach to the sampling frame for the household survey of HHCA beneficiaries on the waiting list for a lease on the Hawaiian home lands.

The Hawaiian Homes Commission Act (HHCA) established the Hawaiian Home Land Trust, a set-aside of more than 200,000 acres of land for eligible Native Hawaiians, those who are 50 percent or more Native Hawaiian by blood quantum (referred to in this report as HHCA beneficiaries). Demand for homestead leases, which are primarily for residential purposes but are also available for agricultural and pastoral uses, has consistently outstripped supply. Obtaining a random sample of HHCA beneficiaries from the general population of the state would have been beyond the funding limits of the study. After reviewing several administrative databases, the study team determined that the waiting list database provided the best pool from which to draw a random sample of individuals of Native Hawaiian heritage.

Because funds allocated to the Hawaii Household Survey precluded conducting household interviews on five islands, tradeoffs were made. Several options were developed that considered the coverage of the sample (number of islands), the mode of

data collection (in person or by telephone), and the ability to provide island-specific estimates.

The sample was selected from eligible applicants on only three islands (excluding Lanai). The three islands were Oahu, Hawaii, and Molokai. This decision was based on discussions with the State of Hawaii Department of Hawaiian Home Lands (DHHL). DHHL agreed that in-person interviews that included household enumeration would be most informative. DHHL recommended Molokai as the third island for several reasons: (1) it was more rural and more remote (thus adding diversity to the sample), (2) DHHL is a large landholder on this island, and (3) it has one of the oldest homesteads. As exhibit B1.1 shows, Molokai receives the full set of interviews allocated to Maui, Molokai, and Kauai. By sorting the eligible applicants living on each resident island by the waiting list island, the sample included respondents from all five waiting lists. In fact, the eligible applicants from the different waiting lists were sampled at different rates so that every waiting list had an appropriate number of interviews. This approach reasonably represented everyone on the waiting list only to the extent that housing conditions on the selected small island were relatively similar to those on the two islands not selected. This approach did allow for estimates for the selected smaller island and the two larger islands; however, it did not capture the diversity or unique characteristics of each of the smaller islands.

Exhibit B1.1. Sample Sizes for Three Island Sample

Residence Island	Eligible Applicants	Percentage to be in Sample	Proposed Interviews
Oahu	8,423	100.00	294
Hawaii	2,986	100.00	104
Maui	1,739	59.35	102
Kauai	782	26.69	
Molokai	419	13.96	
Lanai	11	0.00	0
TOTAL	14,350		500

B2. Response Rates and Weighting

The survey plan assumed an 80-percent response rate for the household survey of HHCA beneficiaries on the waiting list. It was anticipated that the greatest challenge would be obtaining release forms from the selected waiting list sample, followed by cooperation of all the HHCA beneficiary households sampled.

When constructing the weights, every step was carried out by island (and subsampling group). Oahu, Hawaii, and Molokai were selected nonrandomly and are representative of only residents living on these three islands. In two batches, 5,146 households were selected (3,493 from Oahu, 1,234 from Hawaii, and all 419 from Molokai) out of a total of 12,125 households (8,651 from Oahu, 3,055 from Hawaii, and 419 in Molokai).

The sampling fractions and weights are Oahu (40.4%, 2.48), Hawaii (40.4%, 2.48) and Molokai (100%, 1.00). Opt-in responses were received from 783 households with an overall opt-in rate of 15.2 percent. Weights were adjusted by 1/opt-in rate, and the opt-in rate differed by island.

- Oahu ($569/3,493 = 16.3\%$).
- Hawaii ($176/1,234 = 14.26\%$).
- Molokai ($38/419 = 9.07\%$).

Subsampling

Near the end, there were too many opt-ins to release, so some cases that were late opt-ins that had not yet been released were subsampled in Oahu ($73/189 = 38.62\%$) and Hawaii ($31/67 = 46.27\%$). The factor for those cases NOT subjected to subsampling is 1 while the 73 Oahu cases get an adjustment of $1/.3862 = 2.59$ and the 31 Hawaii cases get an adjustment of $1/.4627 = 2.16$.

Response Rate

The response rate by island and subsampling group follows.

- Oahu subsampled: $56/73 = 76.71\%$.
- Oahu NOT subsampled: $315/379 = 83.11\%$.
- Hawaii subsampled: $25/31 = 80.65\%$.
- Hawaii NOT subsampled: $93/109 = 85.32\%$.
- Molokai $27/36$ (two deaths removed from denominator) = 75.00% .

Normalization

The weights sum to 12,102. The weights were multiplied by $516/12,102 = .0426$ so that the weights sum to the sample size, 516, as shown in exhibit B2.1.

Exhibit B2.1. Normalization of Weights

Step	Oahu	Hawaii	Molokai
1. Island selection	1	1	1
2. Targets by island	2.48	2.48	1
3. Opt-in response	X 6.14 = 15.22	X 7.01 = 17.39	X 11.03 = 11.03
4. Subsampling	X 2.59 or 1 = 39.41 or 15.22	X 2.16 or 1 = 37.58 or 17.39	X 1 = 11.03
5. Response rate	X 1.30 or 1.20 = 51.37 or 18.31	X 1.24 or 1.17 = 46.60 or 20.38	X 1.33 = 14.71
6. Normalization	X .0426 = 2.190314 or .780702	X .0426 = 1.986931 or .868963	X .0426 = .627205

B3. Survey Administration Procedures

The research team worked very closely with DHHL to assure a coordinated and culturally appropriate outreach effort to achieve a high participation rate in the household survey. The memorandum signed by the U.S. Department of Housing and Urban Development (HUD) and DHHL outlined responsibilities of both parties and specifically mentioned outreach activities.

Outreach and Recruitment

The research team provided a one-page overview of the project, a brochure used by DHHL in initial outreach, and other materials (such as brief articles for newsletters and frequently asked questions) as requested by DHHL. DHHL's involvement assured that the timing of outreach activities coordinated with key relevant newsletter publication dates and community gatherings and took advantage of websites and media outlets that were most likely to reach the intended respondents.

Econometrica, Inc., provided substantial outreach support to NORC at the University of Chicago in working with DHHL, Native Hawaiian organizations, and community stakeholders, which included meetings with and/or presentations for community groups and housing agencies.

NORC made every effort to recruit Hawaiian interviewers to administer the household surveys. Suggestions for recruitment and approval for any hiring activities were sought from DHHL staff. Staffing of field interviewers who were right for the task at hand was essential to the success of the data collection. In the event that NORC was unable to recruit a qualified field interviewer, NORC staff who were experienced with interviewing Native Hawaiians were used instead. NORC screened, hired, and trained interviewers.

Training of field interviewers included home study and in-person project training at a centralized location in Hawaii. One field manager and one regional manager provided support of data collection activities and direct oversight of field interviewers. The field manager made monthly visits to oversee data collection and monitor interviewer performance. NORC's experience conducting in-person surveys of Native Hawaiians led to the assumption that respondents of the Household Survey might require greater efforts to locate and gain cooperation (that is, living in remote locations, a population known to reject outsiders).

Implementing the sampling process and launching the survey involved additional steps. First, DHHL provided the research team with an initial de-identified list with

unique identifiers of the families on the waiting list (approximately 14,000). From this list, the research team drew an initial probabilistic sample of 2,400 and returned the unique identifiers to DHHL. For this sample, DHHL sent out an initial mailing and requested permission to release contact information (telephone number and address). DHHL provided NORC with a de-identified file of all who signed the release form. This form contained only telephone numbers and addresses and was sent to NORC via a secure file transfer protocol, or FTP, server. NORC drew the survey sample from this file. In this way, DHHL had a record of all families who had provided release forms but did not know which of the families who signed release forms had been selected for the sample.

HUD leadership provided a letter explaining the purpose of the study, which was included in the initial mailing from DHHL. The content of the letter from DHHL emphasized the importance of the study, the study's sponsorship by HUD, confidentiality of the data, and explained that participation enabled each family the opportunity to "tell their story" about their housing conditions and experiences. Finally, the letter included a toll-free 800 line for respondents to call for more information or to ask questions, and it indicated that a \$25 incentive was provided for participation. A self-addressed stamped envelope (provided by NORC) and letter with a signature line was provided for the applicant to return to DHHL. NORC prepared the advance mailing materials and provided them in bulk to DHHL. NORC also worked with DHHL to customize a brochure about the survey that could be used for outreach. Then DHHL pasted address labels and mass-mailed the letters. This mass mailing preserved confidentiality and guarded against contact information being provided before release.

After allowing sufficient time for receipt of the materials, DHHL provided the contact information for those households that had signed to schedule an appointment to conduct the in-person interview and the enumerator observation. The next step was to obtain informed consent for an interview; refusals could also occur at this point.

For the survey of HHCA beneficiaries, the key respondent was the contact listed on the DHHL waiting list; for example, the individual who is eligible and had applied for housing on the home lands.

B4. Household Survey Data Tables

- Exhibit B4.1.** Household Composition
- Exhibit B4.2.** Household Structure
- Exhibit B4.3.** Sources of Income
- Exhibit B4.4.** Household Income
- Exhibit B4.5.** Discretionary Income
- Exhibit B4.6.** Housing Characteristics
- Exhibit B4.7.** Physical Problems
- Exhibit B4.8.** Satisfaction With Housing
- Exhibit B4.9.** Housing Subsidy
- Exhibit B4.10.** DHHL Assistance
- Exhibit B4.11.** Homeownership
- Exhibit B4.12.** Mortgages Denied
- Exhibit B4.13.** Barriers to Homeownership
- Exhibit B4.14.** Reasons for Leaving Home
- Exhibit B4.15.** Culturally Responsive Housing
- Exhibit B4.16.** Needed Services
- Exhibit B4.17.** Community Preferences
- Exhibit B4.18.** Community Features
- Exhibit B4.19.** DHHL Award
- Exhibit B4.20.** DHHL Award Plans
- Exhibit B4.21.** Preferred DHHL Property
- Exhibit B4.22.** Features for New Home

Exhibit B4.1 Household Composition

	Estimate	n	n missing	Confidence Interval (%)
Length of time spent in current residence		516	1	
Less than 6 months	2.7	16		
6 to 11 months	2.7	16		± 0.6
1 to 2 years	12.7	67		± 1.9
3 to 5 years	13.6	70		± 2.3
More than 5 years	68.3	346		± 4.7
Household composition		516		
Elderly (family and nonfamily) +	17.4	91	2/0.4%	± 8.2
Family	55.1	286	2/0.4%	± 7.1
Elderly family++	10.0	52	2/0.4%	± 6.4
Small family+++	29.1	150	2/0.4%	± 1.6
Large family++++	16.0	84	2/0.4%	± 0.4
Married with children	25.4	129	2/0.4%	± 0.4
Married with no children	21.1	109	2/0.4%	± 7.8
Female head with children	7.1	38	2/0.4%	± 1.3
Male head with children	1.4	9	2/0.4%	± 0.7
Other family and nonfamily+++++	44.9	228	2/0.4%	± 7.1
Elderly	7.4	39	2/0.4%	± 1.9
Other	37.5	189	2/0.4%	± 8.9
Household size		516	2	
1 [person]	9.0	43		± 1.7
2 [people]	25.9	135		± 6.9
3 [people]	13.6	70		± 1.6
4 [people]	13.0	71		± 2.4
5 [people]	13.1	68		± 2.5
6 [people]	8.8	44		± 0.2
7 [people]	7.9	36		± 4.3
8 or more [people]	8.7	47		± 5.1
Age of head of household		512	2	
18 to 24 years	*	*		
25 to 34 years	7.7	41		± 1.1
35 to 44 years	12.8	66		± 2.7
45 to 59 years	39.0	202		± 1.4
60 to 74 years	29.5	150		± 2.4
75 years or older	10.1	51		± 1.6
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size.

+ One- or two-member families with a household head and/or spouse 62 years of age or older.

++ Two-member families with a household head and/or spouse 62 years of age or older.

+++ Other family households with two to four members.

++++ Family households with five or more members.

+++++ Other family households and nonfamily households of all types.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.2. Household Structure

	Estimate	n	n missing	Confidence Interval (%)
Head of household employed		516	8	
Yes	59.5	301		± 6.5
No	40.5	207		± 6.5
Head of household employed by age				
Heads of household age 18 to 59 years employed	75.9	236	0/0%	± 0.3
Heads of household age 60 years or older employed	42.3	59	5/3.3%	± 14.5
Household structure		516	2	
Heads of household with both children and grandchildren living with them*	15.7	75		± 1.9
Family members living in house				
Spouse	60.3	309	2/0.4%	± 1.6
Sibling	9.7	51	2/0.4%	± 3.7
Children	53.6	274	2/0.4%	± 5.7
Grandchildren	19.1	94	2/0.4%	± 1.3
Parents	10.4	58	2/0.4%	± 2.2
Grandparents	1.5	6	2/0.4%	± 0.2
Aunt/uncle	*	*		
Other	7.8	44	2/0.4%	± 3.1
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.3. Sources of Income

	Estimate	n	n missing	Confidence Interval (%)
Sources of income during the past 12 months				
Wages or salary	80.3	408	12/2.3%	± 4.2
Commissions, bonuses, or tips	16.0	77	10/1.9%	± 3.0
Self-employment	21.7	103	6/1.2%	± 7.1
Interest payments, dividends, net rental income, royalty income, or income from estates and trusts related to personal investments-	15.2	78	12/2.3%	± 1.1
Social Security or Railroad Retirement	44.4	225	5/1%	± 4.9
Supplemental Security Income	13.2	71	16/3.1%	± 1.8
Public assistance, general assistance, TANF/welfare payments from the state or local welfare office	19.5	103	4/0.8%	± 4.9
Retirement, survivor, or disability pensions (SSDI)	38.6	196	12/2.3%	± 1.9
Work done inside or outside the home, such as childcare, making/selling of traditional craft items, cooking, car repair, carpentry	10.8	53	6/1.2%	± 2.8
Performance of traditional Native Hawaiian music or dance	6.9	35	6/1.2%	± 0.8
Veterans payments, unemployment compensation, child support, or alimony	12.2	68	6/1.2%	± 1.4
Educational benefits targeted to Native Hawaiians	8.0	41	8/1.6%	± 1.7
Other	6.9	28	101/19.6%	± 3.7
No sources of cash income				
Household relies on sources of nonmonetary support		516	13	
Yes	12.8	51		± 3.8
No	87.2	452		± 3.8
Sources of nonmonetary support		51	3	
Subsistence activities (fishing, hunting, farming, gathering)	42.3	21	0/0%	± 41.7
Exchanging/sharing of goods and services	34.2	17	0/0%	± 40.3
Food distribution/pantries	38.1	19	0/0%	± 32.3
Labor in exchange for room and board				
Other	10.6	7	0/0%	± 13.2
Sample size	516			

SSDI = Social Security Disability Income. TANF = Temporary Assistance to Needy Families.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.4. Household Income

	Estimate	n	n missing	Confidence Interval (%)
Amount of household income received last year		516	49	
Less than \$10,000	8.3	36		± 2.1
\$10,000 to 24,999	15.3	73		± 5.0
\$25,000 to 39,999	17.0	78		± 5.2
\$40,000 to 59,999	13.3	72		± 2.1
\$60,000 to 99,999	24.4	106		± 3.3
\$100,000 or more	21.7	102		± 9.7
Median annual household income	\$ 52,531	467		
Total amount paid to housing each month, including rent/mortgage/note payment and all utilities		516	23	
Less than \$100	1.0	6		± 0.3
\$100 to 499	15.1	68		± 3.3
\$500 to 999	18.4	92		± 8.0
\$1,000 to 1,499	16.7	82		± 0.5
\$1,500 to 2,499	24.3	128		± 2.8
\$2,500 or more	24.4	116		± 14.1
No cash paid for rent/mortgage/utilities	*	*		
Median monthly housing payment	\$ 1,470	493		
Sample size		516		

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.5. Discretionary Income

	Estimate	n	n missing	Confidence Interval (%)
Amount of money left to spend on other things per month on average		516	41	
Less than \$100	10.9	52		± 1.0
\$100 to 499	32.7	150		± 6.5
\$500 to 999	18.2	86		± 0.5
\$1,000 to 1,499	12.2	61		± 1.5
\$1,500 to 2,499	9.6	43		± 1.9
\$2,500 or more	16.4	83		± 4.5
Median monthly discretionary income	\$586	475		
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.6. Housing Characteristics

	Estimate	n	n missing	Confidence Interval (%)
Number of bedrooms		502	0	
One	11.1	51		± 0.8
Two	20.5	107		± 4.9
Three	39.6	197		± 10.2
Four	19.8	98		± 0.7
Five or more	9.0	49		± 5.1
Number of bathrooms		514	0	
One	44.7	234		± 3.6
Two	38.9	196		± 1.7
Three	12.7	67		± 2.2
Four or more	2.6	12		± 0.6
Cooking characteristics		514	4	
Has indoor cooking facilities	97.3	501		± 2.7
Has outdoor cooking facilities	2.4	9		± 2.4
Has no cooking facilities	*	*		
Cooking necessities				
Has stove or equivalent	95.8	481	0/0%	± 1.0
Has burners	42.0	210	3/0.6%	± 6.5
Has microwave	94.9	477	0/0%	± 4.7
Has refrigerator	97.5	502	3/0.6%	± 1.0
Has sink	98.2	506	2/0.4%	± 2.0
Fuel used for cooking		501	7	
Electric cooking	71.0	365		± 13.0
Gas cooking	28.8	128		± 13.1
Kerosene cooking				
Coal cooking				
Wood cooking				
Other cooking	*	*		*
No fuel used				

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

^a The standard kitchen deficiency measure has been altered by dropping whether the unit has built-in burners in working order, because responses indicated that the survey question may have been misinterpreted by respondents. Given this possible misinterpretation, the rate of incomplete kitchen facilities calculated may underestimate the true rate.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.6. Housing Characteristics (cont.)

	Estimate	n	n missing	Confidence Interval (%)
Electricity provider		513	7	
Hawaiian Electric Company or another utility	95.8	489		± 4.0
Another way	3.7	17		± 3.6
Does not have electricity	*	*		
Electricity payment		489	2	
Paid separately from rent	89.4	434		± 2.3
Included in rent	10.6	53		± 2.3
Electrical wiring		489	1	
Wiring concealed	96.6	472		± 0.9
Wiring not concealed or not covered	3.4	16		± 0.9
No electrical wiring				
Safely contained in protective or metal or plastic coverings	97.2	462	13/2.7%	± 0.5
Working electrical outlet or wall plug in each room	96.2	470	1/0.2%	± 0.9
Fuses blown or circuit breakers tripped in the past 3 months	16.0	76	0/0%	± 2.4
Number of times		72	0	
One time	38.0	31		± 4.8
Two times	25.2	15		± 4.6
Three times	19.0	13		± 13.8
Four times				
Five times	11.2	7		± 6.6
Six or more times	6.6	6		± 3.0
Water supply		516	5	
Public or private water system	95.4	490		± 9.4
Stream or lake				
Water catchment				
Community well				
Other	*	*		
Hot and cold running water available		516	6	
Yes	97.3	496		± 3.4
No	2.7	14		± 3.4

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

^a The standard kitchen deficiency measure has been altered by dropping whether the unit has built-in burners in working order, because responses indicated that the survey question may have been misinterpreted by respondents. Given this possible misinterpretation, the rate of incomplete kitchen facilities calculated may underestimate the true rate.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.6. Housing Characteristics (cont.)

	Estimate	n	n missing	Confidence Interval (%)
Septic connected to a public sewer		516	38	
Yes	70.1	338		± 46.1
No	29.9	140		± 46.1
Other sewage disposal		178	43	
Septic tank	29.8	41		± 15.9
Cesspool	64.3	87		± 21.8
Chemical toilet				
Outhouse or privy				
Other	*	*		
None	*	*		
Interior condition				
Visible holes in the floor	3.5	16	6/1.2%	± 0.7
Holes or open cracks in walls or ceiling	13.7	68	6/1.2%	± 2.6
Peeling paint	24.5	122	5/1%	± 1.6
Signs of rats (or other vermin)	62.7	320	6/1.2%	± 4.5
Mold	15.4	76	12/2.3%	± 7.5
Sample size	516			
Central heating		516	4	
Has central heating	0.9	6		± 0.3
Does not have central heating	99.1	506		± 0.3
House/apartment cold for 24 hours or more such that household was uncomfortable		515	8	
Yes	4.6	23		± 3.3
No	95.4	484		± 3.3
House/apartment was cold for reasons other than main heating equipment breakdown		32	13	
Yes	42.4	7		± 54.8
No	57.6	12		± 54.8
House/apartment with central air-conditioning		516	2	
Yes	6.3	32		± 4.6

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

^a The standard kitchen deficiency measure has been altered by dropping whether the unit has built-in burners in working order, because responses indicated that the survey question may have been misinterpreted by respondents. Given this possible misinterpretation, the rate of incomplete kitchen facilities calculated may underestimate the true rate.

Source: 2014-2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.6. Housing Characteristics (cont.)

	Estimate	n	n missing	Confidence Interval (%)
No	93.7	482		± 4.6
Central air-conditioning usage		34	6	
Daily	44.4	11		± 1.3
During certain seasons	31.2	8		± 7.3
Hardly ever	24.5	9		± 6.0
House/apartment has room air-conditioners		516	3	
Yes	35.8	191		± 23.4
No	64.2	322		± 23.4
Number of room air-conditioners		190	0	
One	42.4	84		± 10.3
Two	32.0	57		± 6.3
Three	13.0	25		± 2.1
Four	7.1	13		± 0.6
Five or more	5.5	10		± 1.0
Plumbing/kitchen deficiencies		516		
Inadequate plumbing	9.6	47	2/0.4%	± 6.8
Inadequate kitchen ^a	6.8	32	3/0.6%	± 1.4
Overall housing quality		516	41	
Plumbing or kitchen deficiency ^a	15.3	70		± 6.2
Other heating or electrical deficiency	4.6	21		± 2.4
Other condition deficiency	11.7	55		± 1.4
Other overcrowded	8.6	42		± 4.4
Cost burden only	12.3	62		± 2.9
No housing problem	47.5	225		± 6.2
Overcrowding		516	9	
Severe overcrowding (more than 1.5 persons per room)	13.3	66		± 1.8
Moderate overcrowding (1 to 1.5 persons per room)	25.1	126		± 1.9
No overcrowding	61.6	315		± 3.7
Cost burden		516	55	
Severe cost burden (costs 50 percent or more of income)	21.6	104		± 4.0
Moderate cost burden (costs between 30 and 50 percent of income)	24.4	112		± 3.0
No cost burden	54.0	245		± 1.9
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

^a The standard kitchen deficiency measure has been altered by dropping whether the unit has built-in burners in working order, because responses indicated that the survey question may have been misinterpreted by respondents. Given this possible misinterpretation, the rate of incomplete kitchen facilities calculated may underestimate the true rate.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.7. Physical Problems

	Estimate	n	n missing	Confidence Interval (%)
Physical problems of housing related to—				
Maintenance and upkeep	33.5	106	0/0%	± 1.4
Age of the housing unit	25.4	80	0/0%	± 6.9
Size of the housing unit	12.4	45	0/0%	± 3.8
Mold	9.9	30	0/0%	± 6.4
Pests	12.6	34	0/0%	± 3.0
Floors	5.5	15	0/0%	± 2.6
Roofs	10.9	33	0/0%	± 1.2
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.8. Satisfaction With Housing

	Estimate	n	n missing	Confidence Interval (%)
Satisfaction with current housing		516	1	
Very satisfied	46.9	244		± 2.6
Somewhat satisfied	26.9	138		± 1.5
Neither satisfied nor dissatisfied	18.4	92		± 0.6
Somewhat dissatisfied	3.4	19		± 2.3
Very dissatisfied	4.4	22		± 1.7
Overall physical condition		516	18	
Unacceptable	11.0	52		± 1.0
Acceptable	54.1	277		± 2.0
Excellent	35.0	169		± 1.6
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.9. Housing Subsidy

	Estimate	n	n missing	Confidence Interval (%)
Household has lived in a housing unit where the rent was subsidized by the local public housing authority or another public entity other than DHHL		516	24	
Yes	22.0	111		± 4.0
No	78.0	381		± 4.0
Quality of subsidized unit		112		
At least as good as my former residence	74.2	65	23/20.5%	± 13.4
Much better than my former residence	63.7	54	21/18.8%	± 11.3
Not as good as my former residence	36.8	35	22/19.6%	± 14.1
Sample size	516			

DHHL = Department of Hawaiian Home Lands.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands.

Exhibit B4.10. DHHL Assistance

	Estimate	n	n missing	Confidence Interval (%)
Household has met with someone from the DHHL Home Ownership Assistance Program		516	30	
Yes	14.0	73		± 3.1
No	86.1	413		± 3.1
Quality of the service received from the DHHL Home Ownership Assistance Program		73	2	
Poor	18.1	10		± 28.9
Fair	17.0	12		± 6.1
Good	40.4	32		± 0.0
Excellent	24.5	17		± 6.7
Sample size	516			

DHHL = Department of Hawaiian Home Lands.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands.

Exhibit B4.11. Homeownership

	Estimate	n	n missing	Confidence Interval (%)
Owns home or is purchasing a home through rent-to-own or similar arrangement		516	7	
Buying home or apartment with rent-to-own or similar plan	1.3	7		± 0.7
Owns own home	42.2	215		± 6.0
Neither	56.5	287		± 6.7
Lives in a home that was built or subsidized by HUD, DHHL, or some other government agency		222	9	
Yes	14.3	32		± 1.4
No	85.7	181		± 1.4
Currently has a mortgage on property		222	2	
Yes	74.3	160		± 13.4
No	25.7	60		± 13.4
Sample size	516			

DHHL = Department of Hawaiian Home Lands. HUD = U.S. Department of Housing and Urban Development.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands.

Exhibit B4.12. Mortgages Denied

	Estimate	n	n missing	Confidence Interval (%)
Renters have had mortgage applications denied		294	4	
Yes	15.2	40		± 5.5
No	84.8	250		± 5.5
Reasons Native Hawaiian renters have had mortgage applications denied		40		
Do not have a sufficient down payment	37.8	14	2/5%	± 4.9
Do not make enough money to pay the mortgage	37.3	14	2/5%	± 12.4
Do not have a job	14.7	6	2/5%	± 15.0
Do not have a long/good job history	14.7	6	2/5%	± 15.0
Credit score is too low/do not have a credit history	71.9	25	2/5%	± 13.5
Have too much debt (credit cards, student loans, medical/healthcare costs)	35.2	13	2/5%	± 7.5
Have issues about the title to the land or property rights	*	*		
Experience perceived discrimination based on Native Hawaiian status	*	*		
Other	19.6	7	2/5%	± 12.8
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands.

Exhibit B4.13. Barriers to Homeownership

	Estimate	n	n missing	Confidence Interval (%)
Reasons a native Hawaiian renter who would prefer to own has been unable to attain that goal		516		
Cannot save enough for a house/cannot afford downpayment	62.9	240	133/25.8%	± 4.4
Cannot afford the monthly mortgage payment	7.0	26	133/25.8%	± 1.4
Cannot find a mortgage lender in the area	23.4	90	133/25.8%	± 9.5
Cannot resolve land rights (property rights)	5.3	26	0/0%	± 0.9
Does not have collateral to get a loan because my land is held in trust	12.0	45	133/25.8%	± 2.1
Does not have a job	21.3	84	133/25.8%	± 2.5
Does not have a long/good job history	13.6	55	133/25.8%	± 9.0
Has a credit score that is too low/does not have a credit history	41.4	157	133/25.8%	± 4.7
Has too much debt (credit cards, student loans, medical/healthcare costs)	36.4	138	133/25.8%	± 3.6
No housing available in a location where renter wants to live	42.1	161	133/25.8%	± 3.2
No affordable housing in renter's area	43.1	163	133/25.8%	± 1.8
No houses are available for sale or being built that are suitable for renter/renter's family	31.1	122	133/25.8%	± 2.0
Does not know how to buy a home/unfamiliar with loan application process, lending terms, or real estate transactions	31.9	117	133/25.8%	± 2.1
Perceives that lenders are more likely to deny applications from Native Hawaiian	22.7	84	133/25.8%	± 3.1
Sample size	516			

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Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.14. Reasons for Leaving Home

	Estimate	n	n missing	Confidence Interval (%)
Circumstances that cause households to leave their homes, for those expecting to leave				
Owners		222		
Cannot afford mortgage	5.3	8	9/4.1%	± 6.5
Home is in foreclosure	*	*		
None of the above	94.7	205	9/4.1%	± 6.5
Renters		294		± 0.0
Expect eviction in the next 60 days	2.2	6	15/5.1%	± 0.9
Asked to move because behind on payments	*	*		
Will be asked to leave so someone else can move in	*	*		± 0.5
Will have to leave home in the next 60 days because residence will be demolished	*	*		
None of the above	96.7	269	15/5.1%	± 2.0
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.15. Culturally Responsive Housing

	Estimate	n	n missing	Confidence Interval (%)
Households that said the following features support Hawaiian cultural values and practices				
Exterior appearance	64.8	305	40/7.8%	± 4.6
Architectural design	32.7	149	60/11.6%	± 1.9
Floor plan	40.2	179	74/14.3%	± 5.3
Number and type of rooms	55.3	261	36/7%	± 1.9
Structurally conducive to climate	68.1	322	36/7%	± 8.2
Storage for communal supplies	48.9	244	31/6%	± 2.9
Parking for (extended family)	59.2	301	18/3.5%	± 8.2
Land to grow Hawaiian plants, fruits, and flowers	61.4	311	14/2.7%	± 14.2
Household preferences for features that reflect or take into account traditional Native Hawaiian values or traditions				
Extremely important	37.2	156	3/0.7%	± 2.4
Important, but not the decisive factor	33.6	136	3/0.7%	± 2.3
A nice added value if attainable	29.1	115	3/0.7%	± 1.2
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.16. Needed Services

	Estimate	n	n missing	Confidence Interval (%)
Services or amenities most needed in community				
Grocery store (small/large market/supermarket)—a store with a full range of fresh and frozen products	60.1	304	15/2.9%	± 13.6
Medical/healthcare services/health clinic	49.7	251	15/2.9%	± 2.0
Gas station	35.6	177	15/2.9%	± 6.7
Emergency medical services	30.4	149	15/2.9%	± 2.6
Fire station	27.0	137	15/2.9%	± 0.7
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.17. Community Preferences

	Estimate	n	n missing	Confidence Interval (%)
Reasons for living in a particular community by importance				
Makes it easy to be an active member in the community				
Very important	24.0	119	14/2.7%	± 6.2
Important	48.3	240	14/2.7%	± 6.8
Not important	26.3	136	14/2.7%	± 2.4
Family and friends are there				
Very important	24.6	123	7/1.4%	± 6.2
Important	38.0	192	7/1.4%	± 4.2
Not important	35.5	185	7/1.4%	± 5.5
Has always lived there				
Very important	34.2	175	19/3.7%	± 5.3
Important	32.7	157	19/3.7%	± 2.7
Not important	25.6	129	19/3.7%	± 2.3
Historic ties to community				
Very important	35.0	169	13/2.5%	± 12.6
Important	36.8	187	13/2.5%	± 6.0
Not important	24.4	130	13/2.5%	± 1.7
Avoiding discrimination/harassment				
Very important	25.6	132	23/4.5%	± 1.5
Important	28.3	136	23/4.5%	± 2.9
Not important	40.5	201	23/4.5%	± 12.5
Family and friends living on homestead				
Very important	27.0	141	3/0.6%	± 6.5
Important	41.8	203	3/0.6%	± 3.7
Not important	28.8	156	3/0.6%	± 2.3

Exhibit B4.17. Community Preferences (cont.)

	Estimate	n	n missing	Confidence Interval (%)
Access to job or business opportunity				
Very important	17.3	89	6/1.2%	± 4.2
Important	37.5	187	6/1.2%	± 2.3
Not important	41.5	217	6/1.2%	± 5.8
Access to healthcare				
Very important	11.5	59	3/0.6%	± 3.1
Important	34.9	182	3/0.6%	± 1.2
Not important	51.6	262	3/0.6%	± 2.2
Access to educational facilities and resources				
Very important	12.4	63	4/0.8%	± 5.2
Important	35.8	180	4/0.8%	± 1.1
Not important	50.0	261	4/0.8%	± 2.5
Access to other government subsidies/assistance				
Very important	26.6	134	7/1.4%	± 8.5
Important	42.9	222	7/1.4%	± 7.2
Not important	28.1	140	7/1.4%	± 1.8
Beneficial assistance from DHHL				
Very important	18.2	86	17/3.3%	± 4.2
Important	32.8	169	17/3.3%	± 9.3
Not important	47.4	237	17/3.3%	± 8.6
Good location to raise a family				
Very important	6.7	30	3/0.6%	± 0.8
Important	19.3	102	3/0.6%	± 0.7
Not important	73.0	376	3/0.6%	± 2.4
Good location for retirement				
Very important	9.1	43	4/0.8%	± 0.6
Important	27.2	149	4/0.8%	± 1.8
Not important	63.4	318	4/0.8%	± 2.5
Easier to practice Native Hawaiian culture				
Very important	13.8	72	6/1.2%	± 2.7
Important	41.1	204	6/1.2%	± 2.2
Not important	44.6	231	6/1.2%	± 3.8
Other	*	*		
Sample size	516			

DHHL = Department of Hawaiian Home Lands.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

* Value suppressed due to small cell size

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

Exhibit B4.18. Community Features

	Estimate	n	n missing	Confidence Interval (%)
Features a Native Hawaiian household is looking for in a new community		516		
Access to jobs or business opportunities	66.7	345	4/0.8%	± 0.7
Ease of accessing services (childcare, job training, shopping, recreation)	72.2	373	4/0.8%	± 1.8
Better access to health care	68.9	363	4/0.8%	± 2.3
Better choice of schools for children	66.7	347	4/0.8%	± 6.4
Better access to state colleges	45.8	237	4/0.8%	± 6.8
Quieter environment	59.6	305	4/0.8%	± 7.1
More affordable housing	79.8	411	4/0.8%	± 1.3
Better supply of available housing	61.4	322	4/0.8%	± 9.3
Good housing quality	82.6	424	4/0.8%	± 8.3
Easier to obtain a mortgage	70.3	364	4/0.8%	± 3.2
Less crime and fewer safety concerns	79.9	409	4/0.8%	± 6.7
Less gang activity	72.0	366	4/0.8%	± 11.4
Less prevalence of domestic violence	69.8	355	4/0.8%	± 5.5
Less presence of alcohol/drug use	70.0	363	4/0.8%	± 7.3
Access to public transportation	69.4	361	4/0.8%	± 7.3
Close-knit community environment	69.1	364	4/0.8%	± 1.1
Opportunity to grow things	82.0	424	4/0.8%	± 1.5
Other	4.3	24	4/0.8%	± 2.5
Sample size	516			

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands.

Exhibit B4.19. DHHL Award

	Estimate	n	n missing	Confidence Interval (%)
Received an offer for a lease award from DHHL		516	8	
Yes	54.7	269		± 5.5
No	45.3	239		± 5.5
Number of times offered an award		269	3	
One to five times	65.3	178		± 19.8
More than five times	34.7	88		± 19.8
Reason award not accepted		269	72	
Did not like the location	46.3	91		± 5.3
Could not relocate	10.7	25		± 3.2
Thought they would not qualify for loan	31.6	59		± 8.7
Applied for loan and did not qualify	7.5	14		± 1.8
All the leases were awarded before name was called	3.9	8		± 1.2
Sample size	516			

DHHL = Department of Hawaiian Home Lands.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands.

Exhibit B4.20. DHHL Award Plans

	Estimate	N	n missing	Confidence Interval (%)
Obtaining a homestead lease		516	8	
Yes, this has been a long-term goal	90.4	462		± 4.5
No, this has not been a long-term goal	9.6	46		± 4.5
Amount of time needed to be ready to begin occupancy in a homestead lease		516	76	
Within the next 2 years	63.4	275		± 1.6
In 2 to 5 years	25.3	109		± 0.9
In 5 to 10 years	8.2	41		± 1.7
In more than 10 years	3.0	15		± 0.1
Sample size	516			

DHHL = Department of Hawaiian Home Lands.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands.

Exhibit B4.21. Preferred DHHL Property

	Estimate	N	n missing	Confidence Interval (%)
Preferred type of property		516	14	
First preference				
Improved lot with no house	21.6	106		± 13.4
Improved lot with existing house	13.1	65		± 3.3
Improved lot with new house	60.0	304		± 17.4
Townhouse or duplex	2.0	9		± 0.8
Apartment/condominium	3.4	18		± 0.3
Second preference				
Improved lot with no house	16.8	81	26/5%	± 3.1
Improved lot with existing house	45.5	229	26/5%	± 2.6
Improved lot with new house	23.2	110	26/5%	± 11.1
Townhouse or duplex	10.7	52	26/5%	± 4.8
Apartment/ condominium	3.7	18	26/5%	± 1.3
Third preference				
Improved lot with no house	33.1	145	72/14%	± 3.3
Improved lot with existing house	28.3	122	72/14%	± 2.1
Improved lot with new house	10.5	50	72/14%	± 1.8
Townhouse or duplex	17.7	78	72/14%	± 5.1
Apartment/ condominium	10.5	49	72/14%	± 0.3
Fourth preference				
Improved lot with no house	14.0	40	206/39.9%	± 2.8
Improved lot with existing house	11.3	36	206/39.9%	± 0.7
Improved lot with new house	3.5	10	206/39.9%	± 0.9
Townhouse or duplex	50.3	157	206/39.9%	± 2.4
Apartment/ condominium	20.9	67	206/39.9%	± 0.7
Willing to accept a townhouse or multiplex unit rather than a single-family unit if would receive home faster		516	46	
Yes	49.4609	218		± 6.7
No	50.5391	252		± 6.7
Willing to accept a homestead lease if in a less desirable location if would receive lease faster		516	52	
Yes	40.3462	185		± 1.5
No	59.6538	279		± 1.5
Sample size	516			

DHHL = Department of Hawaiian Home Lands.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014-2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands.

Exhibit B4.22. Features for New Home

	Estimate	N	n missing	Confidence Interval (%)
Looking to move		516	15	
Yes	41.4	209		± 0.1
No	58.6	292		±0.1
Among those looking to move—overall satisfaction with housing		209	1	
Dissatisfied	11.9	26		± 2.8
Not dissatisfied	88.1	182		± 2.8
Among those looking to move—currently in overcrowded housing		209	6	
Yes	19.2	40		± 3.2
No	80.8	163		± 3.2
Top three features desired in new home*				
More indoor space	18.6	101	0/0%	±1.3
A specific number of bedrooms and/or bathrooms	18.6	95	0/0%	± 3.1
A home with a yard and/or patio	14.2	75	0/0%	± 3.4
Sample size	516			

* Open ended.

Notes: Estimates are weighted to be representative of HHCA beneficiaries on the waiting list for housing on the Hawaiian home lands who would opt in via postcard. Sample sizes are unweighted. “n” refers to the total number of respondents asked the question. “n missing” refers to the number of respondents answering with “Don’t know” or “ Refused,” which are counted as missing and not included in the calculation of percentages. The confidence interval is computed at the 95-percent level.

Source: 2014–2015 Urban Institute Household Survey of HHCA Beneficiaries on the Waiting List for a Lease on the Hawaiian Home Lands

B5. Native Hawaiian Household Survey Instrument

OMB Number: 2528-0288
 Expiration Date: 02/28/2017

Assessment of Native Hawaiian Housing Needs

Household Survey: In-Person Interview

Field Interviewer Name:		
Field Interview ID #:		
Interview Date:		
Start Time:		AM PM
Finish Time:		AM PM

PUT IN ANY INFORMATION RECEIVED FROM DHHL THAT IS PERTINENT TO THE INTERVIEW.

Affix Survey Case ID label here

RESPONDENT SCREENER

INITIAL PHONE ATTEMPT

INITIAL PHONE CALL – INTERVIEWER READ: Aloha, my name is [NAME OF INTERVIEWER] from NORC at the University of Chicago. I am calling to speak with [NAME OF RESPONDENT]. Is [NAME OF RESPONDENT] available?

IF YES: Recently you provided your approval to the Department of Hawaiian Home Lands to take part in a U.S. Department of Housing and Urban Development (HUD) study – The Assessment of Native Hawaiian Housing Needs. Mahalo [or thank you] for agreeing to participate in this important survey. This is an important survey for Native Hawaiians in that it will describe the housing needs of the Native Hawaiian population and help to inform policy and program development to address these needs. You will receive a \$25 CASH GIFT as a token of appreciation for participating in the survey. I am calling to see if you have any questions and to set up an appointment for the interview. **(INTERVIEWER, ANSWER ANY QUESTIONS. RECORD APPOINTMENT IN CALL RECORDS)**

IF NO: When would be a good time to call [name of respondent]? **INTERVIEWER, RECORD TIME IN CALL RECORDS)**

INITIAL IN-PERSON ATTEMPT

INITIAL IN-PERSON VISIT – INTERVIEWER READ: Aloha, my name is [NAME OF INTERVIEWER] from NORC at the University of Chicago. I am here to speak with [NAME OF RESPONDENT].

IF YES: Recently you provided your approval to the Department of Hawaiian Home Lands to take part in a U.S. Department of Housing and Urban Development (HUD) study – The Assessment of Native Hawaiian Housing Needs. I have been unable to reach you by phone so I am stopping by to see you if you have any questions about the project and if we could set an appointment for the interview. Please give me the best number where you can be reached. **(INTERVIEWER, ANSWER ANY QUESTIONS. RECORD APPOINTMENT IN CALL RECORDS)**

INFORMED CONSENT

As you may have learned from the [ADVANCE LETTER SENT/MATERIALS SHARED/DHHL LETTERS/COMMUNITY PRESENTATION HELD], this survey is conducted to help understand the housing needs of Native Hawaiian families. It is sponsored by the Department of Housing and Urban Development (a federal agency), supported by the Department of Hawaiian Home Lands (DHHL), and being conducted across the country to assess Native American, Native Hawaiian and Alaska Native housing needs. You have been selected because of your status as a Native Hawaiian waiting list applicant.

Your participation is very important to the success of this survey and will in no way affect your status on the list. This survey is voluntary, which means that you don't have to participate and you can decide not to answer any specific questions. You also may end the interview at any point. You will receive a \$25 CASH GIFT as a token of appreciation for participating in the survey. The interview will take about 50 minutes.

The information you provide will be confidential, and will not be shared with anyone except for research staff working on the study. This includes anything that can identify you such as your name, address, or telephone number. Everyone who works on this survey has signed a legal document stating they will not reveal any of your personal information and can be severely penalized if they do. At no time will this information be used for enforcement purposes.

The survey will ask you about how many people currently live in your household, the features of the housing unit you currently live in (such as the number of rooms and electricity), your preferences for an ideal housing unit, your thoughts on homeownership and renting, your attitudes about DHHL-assisted housing, your reasons for applying for a Hawaiian home lands homestead lease, and the costs of housing. Finally, at the end of the interview I will assess the exterior condition of the housing unit, such as whether repairs are needed and things like that. As part of the study, we gather observational data about where respondents live.

The information you provide will be helpful to improve housing in the Native Hawaiian community. The information that you provide will be kept private. You will not be quoted by name and no names will be included in the summary reports. A report will produced when the study is over and be made available to Congressional members, HUD, DHHL, as well as the public. The report will describe the housing needs of the Native Hawaiian population and will help to inform policy and program development to address these needs. It will summarize the findings, without giving names or other information that would identify you in any way.

If you have questions about your rights as a survey participant, please call the IRB Human Subjects Protection hotline, toll-free, at (866) 309-0542. You may also email native-housing@norc.org or visit www.norc.org.

Do I have your permission to begin the interview?

- IF YES, Let's begin.
- IF NO, ASK: Are there any questions I could answer at this time or is there a better time to talk?

REASONS FOR MOVING - LAST FIVE YEARS: (HAND RESPONDENT SHOWCARD 1)

1. My (our) new housing is (was) the same size and quality but is (was) more affordable.
2. I (we) needed to move to a place that was more affordable.
3. It was more affordable for me to live with relatives.
4. It was more affordable for me to live with non-relatives.
5. The former residence became unavailable so I (we) had to move.
6. I (we) were able to purchase a new residence.
7. I (we) were not able to keep up mortgage payments on a house we had so we had to move.
8. The rent on the former residence was raised to a level I (we) could not afford to stay.
9. I (or my spouse) changed jobs so we had to move.
10. There was an opportunity to live in a household with relatives (children, parents, grandparents, etc...)
11. There was a need for more space in the residence (bedrooms, kitchen space, etc...)
12. I thought I (we) needed to live in a smaller residence.
13. I (we) wanted to live in a neighborhood that was closer to important services (stores, playgrounds, schools, health facilities etc...)
14. I (we) wanted to live in a neighborhood that we felt was safer.

A. HOUSEHOLD COMPOSITION

Let's start the interview. First, I will be asking you how long you have lived here and who currently lives in your household.

A1	To begin, can you tell me how long you have lived here? ____ Years ____ Months ____ Weeks (IF MORE THAN 5 YEARS SKIP TO A3)
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+

A2	<p>Thinking about where you lived five years ago, that would be (MONTH of YEAR, where did you live? If it was within this city or state you can just give me the street name or city name.</p> <p>When did you move from (place in line 1)? Where did you move to? HAND RESPONDENT SHOWCARD 1 AND REFER TO LIST ABOVE ON PAGE 5. What is the reason you moved from (PLACE) to (CITY/STREET)? For most of the time, how many people lived at (CITY/STREET)?</p> <p>INTERVIEWER: CONTINUE FILLING OUT CHART UNTIL THE RESPONDENT LISTS THE CURRENT RESIDENCE.</p>
-----------	---

	Street/City	Month moved out	Year moved out	Reason for moving	# of people in HH
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

A3	How many people, including yourself, are currently living in this household? Include people related to you and people not related to you.	<div style="text-align: right; margin-bottom: 5px;">Number of People</div> <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED																																																																																																								
A4	Next I will be asking you about yourself and the people that live in this household. (CODE GENDER IF OBVIOUS) How old were you on your last birthday? Are you employed? A4a. Do you have a spouse or partner living in the household? <div style="margin-left: 40px;"> IF YES: What is his/her first name or initial? What is (name/initial) relationship to you? Is (name/initial) male or female? How old is (name/initial)? IF OVER 18 YEARS OF AGE: Is (name/initial) employed? How long has (name/initial) lived in this household? Will (name/initial) be moving to the new homestead with you? </div> A4b. Do you have any adult relatives living in this household? IF YES: ASK SAME SET OF QUESTIONS AS IN A4a. A4c. Do you have any adult non-relatives living in this household? IF YES: ASK SAME SET OF QUESTIONS AS IN A4a. A4d. Are there any children, related or non-related, living in this household? IF YES: ASK SAME SET OF QUESTIONS AS IN A4a. A4f. Does anyone else live in this household? IF YES: ASK SAME SET OF QUESTIONS AS IN A4a.																																																																																																									
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A5	Have (you/you or your spouse) ever served in the military?	<input type="checkbox"/> YES – RESPONDENT SERVED <input type="checkbox"/> YES – SPOUSE SERVED <input type="checkbox"/> YES – BOTH SERVED																																																																																																								

		<input type="checkbox"/> NO <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED
A6	Have you ever received an offer for a lease award from DHHL?	<input type="checkbox"/> YES <input type="checkbox"/> NO (SKIP TO A9) <input type="checkbox"/> REFUSED (SKIP TO A9) <input type="checkbox"/> DON'T KNOW (SKIP TO A9)
A7	How many times have you been offered an award?	<input type="checkbox"/> 1-5 times <input type="checkbox"/> More than 5 times <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED
A8	What is the primary reason you did not accept the award?	<input type="checkbox"/> I did not like the location of the offered lease award(s) <input type="checkbox"/> I could not relocate to the location of the offered lease award(s) <input type="checkbox"/> I did not think I could qualify for a loan <input type="checkbox"/> I applied for a loan and did not qualify <input type="checkbox"/> I was interested in the lease award, but the leases were all awarded before my name was called <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED
A9	Was entering your name on the DHHL wait list and obtaining a homestead lease a long term goal of yours/or your family?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED
A10	Given your current financial, employment, and family situation, how soon do you feel you will be ready to receive a homestead lease and begin occupancy?	<input type="checkbox"/> Within the next two years <input type="checkbox"/> In two to five years <input type="checkbox"/> In five to ten years <input type="checkbox"/> In more than ten years <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED

<p>A11</p>	<p>What is your preferred type of property? ...What is your second preferred type of property? [READ REMAINING OPTIONS IF NECESSARY] ...What is your third preferred type of property? ...What is your fourth preferred type of property?</p> <p>INTERVIEWER: WRITE NUMBERS INTO THE BOXES ACCORDING TO HOW THE RESPONDENT RANKS THE PROPERTIES, WITH 1 BEING MOST PREFERRED.</p> <p>DRAW X's INTO BOXES THAT THE RESPONDENT STATES NOT PREFERRING AT ALL.</p>	<p><input type="checkbox"/> a. Improved lot with no house <input type="checkbox"/> b. Improved lot with existing house <input type="checkbox"/> c. Improved lot with new house <input type="checkbox"/> d. Townhouse or duplex <input type="checkbox"/> e. Apartment/condo</p>
<p>A12</p>	<p>If it meant you could get a home faster or with less cost, would you be willing to accept a townhouse or multiplex unit rather than a single family unit?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW</p>
<p>A13</p>	<p>If it meant you could get a home faster or with less cost, would you be willing to accept a homestead lease in a less desirable location?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW</p>
<p>A14</p>	<p>Are you currently/ actively looking to move?</p>	<p><input type="checkbox"/> Yes (GO TO A15) <input type="checkbox"/> No (SKIP TO NEXT SECTION, B1)</p>
<p>A15</p>	<p>What are the three top features you are looking for in your new home?</p>	<p>a. _____ _____ _____</p> <p>b. _____ _____ _____</p> <p>c. _____ _____ _____</p>

B. HOUSING UNIT CHARACTERISTICS AND CONDITIONS

INTERVIEWER READ: Now I would like to ask some questions about the house/apartment that you live in to get a better understanding about the features of this unit. I will ask you some questions about the rooms, cooking and food storage, electricity, heat, air conditioning, water, and septic systems.

TYPE AND NUMBER OF ROOMS	
B1	How many rooms are there in this house/apartment, not counting bathrooms and hallways? # rooms _____
B2	BEDRMS How many bedrooms are there in your house/apartment? 0 1 2 3 4 5 6 7 8 9 10 ENTER 10 FOR 10 OR MORE
B3	Are any other rooms in your house/apartment used at night for people to sleep in? <input type="checkbox"/> Yes (ASK B3a below) <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW B3a. IF YES: Which rooms? a. _____ b. _____ c. _____
B4	BATHS How many full bathrooms? 0 1 2 3 4 5 6 7 8 9 10 ENTER 10 FOR 10 OR MORE A full bathroom includes a toilet, sink, bathtub and/or shower.
B5	HALFB How many half bathrooms? 0 1 2 3 4 5 6 7 8 9 10 ENTER 10 FOR 10 OR MORE A half bathroom includes a toilet and sink.

COOKING AND FOOD STORAGE		
B6	Are your main cooking facilities inside this unit or outside?	<input type="checkbox"/> Inside unit <input type="checkbox"/> Outside unit <input type="checkbox"/> No cooking facilities IF 'OUTSIDE UNIT' OR 'NO COOKING FACILITIES', SKIP TO B11.
B7	COOKQ Does your house/apartment have some type of cooking stove, or a range with an oven—one that is in working order?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B8	BURNERQ Does your house/apartment have any built-in cooking burners that are in working order?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B9	OVENQ Does your house/apartment have a microwave oven that is in working order?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B10	CFUELQ What fuel is used MOST for cooking—electricity, gas, or something else? MARK ONLY ONE OPTION	<input type="checkbox"/> Electricity <input type="checkbox"/> Gas or liquid propane <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Other (SPECIFY): _____ <input type="checkbox"/> No fuel used
B11	REFQ Does your house/apartment have a refrigerator that is in working order?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B12	SINKQ Does your house/apartment have a kitchen sink?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW

ELECTRICITY		
B13	Does Hawaiian Electric Company or another utility provide your house with electricity or do you receive your electricity another way (such as a generator, or an extension cord to someone else's house)?	<input type="checkbox"/> Hawaiian Electric Company or another utility <input type="checkbox"/> Another way (SKIP TO B15) <input type="checkbox"/> Don't have electricity (SKIP TO B21) <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED
B14	BUYE2 Do you pay separately for electricity?	<input type="checkbox"/> Yes <input type="checkbox"/> No, included in rent, condo fee or other charges. <p style="text-align: center;">SKIP TO B16</p>
B15	How do you obtain electricity?	<input type="checkbox"/> By extension cord from another source <input type="checkbox"/> Through a generator <input type="checkbox"/> Propane Gas <input type="checkbox"/> Solar Panels <input type="checkbox"/> Other (SPECIFY): <hr style="width: 20%; margin-left: 0;"/> <p style="text-align: center;">SKIP TO HEATING SECTION, B21</p>
B16	NOWIRE1Q Is all the electrical wiring in the finished areas of your house/apartment concealed in the walls?	<input type="checkbox"/> Yes, wiring concealed <input type="checkbox"/> No, wiring not concealed or not covered <input type="checkbox"/> No electrical wiring
B17	NOWIRE1Q Is the electrical wiring safely contained in protective or metal or plastic coverings? (EXCLUDE APPLIANCE CORDS, EXTENSION CORDS, CHANDELIER CORDS, PHONE, ANTENNA, CABLE TV WIRES, ETC.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B18	PLUG SV Does every room have an electrical outlet or wall plug that works?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B19	IFBLOW Have any fuses blown or circuit breakers tripped in the past three months?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B21) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B20	NUMBLOW	1 2 3 4 5 6 7 8

	How many times?	ENTER 8 FOR 8 OR MORE
HEAT		
B21	Do you have a central heating system?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B23) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B22	How often does your household use the heating system? Is it daily, during certain seasons or hardly ever?	<input type="checkbox"/> Daily <input type="checkbox"/> During certain seasons <input type="checkbox"/> Hardly ever SKIP TO B24
B23	Do you or anyone else in the household think there is a need for a central heating system?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED SKIP TO B29
B24	<p>HEQUIP</p> <p>MAIN HEATING EQUIPMENT</p> <p>HAND RESPONDENT SHOWCARD 2.</p> <p>What is the main source of heat for this unit?</p> <p>MARK ONLY ONE OPTION</p>	<input type="checkbox"/> Forced warm-air furnace with ducts and vents to individual rooms <input type="checkbox"/> Steam or hot water system with radiators OR other system using steam or hot water <input type="checkbox"/> Electric heat pump <input type="checkbox"/> Built-in electric baseboard heating or electric coils in floors, ceilings, or walls <input type="checkbox"/> Floor, wall, or other pipeless furnace built into the building <input type="checkbox"/> VENTED room heaters burning kerosene, gas, or oil <input type="checkbox"/> UNVENTED room heaters burning kerosene, gas, or oil <input type="checkbox"/> Portable electric heaters <input type="checkbox"/> Wood burning stove, pot belly stove, Franklin stove <input type="checkbox"/> Fireplace WITH inserts <input type="checkbox"/> Fireplace WITHOUT inserts <input type="checkbox"/> Other heating equipment <input type="checkbox"/> No heating equipment (SKIP TO B29) <input type="checkbox"/> Cooking stove (gas or electric) <input type="checkbox"/> Not applicable (SPECIFY) _____ (SKIP TO B30)

<p>B25</p>	<p>HFUELA</p> <p>What fuel is used MOST for heating your house/apartment?</p> <p>MARK ONLY ONE OPTION</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Electricity <input type="checkbox"/> Gas or liquid propane <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Solar energy <input type="checkbox"/> Other (SPECIFY): _____ <input type="checkbox"/> None
<p>B26</p>	<p>HCENTA</p> <p>Sometimes people have more than one type of heating equipment in their house/apartment. Turning first to questions about your MAIN heating equipment: Is your heating equipment designed to send heat to all or most of the rooms?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B34) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
<p>B27</p>	<p>HCENTB</p> <p>How does it send heat to the rooms?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Forced air through ducts and vents <input type="checkbox"/> Steam or hot water through radiators or pipes <input type="checkbox"/> Electric coils inside the floors, ceilings or walls <input type="checkbox"/> Some other way
<p>B28</p>	<p>HAND RESPONDENT SHOWCARD 3.</p> <p>What is the secondary source of heating for your house/apartment?</p> <p>MARK ONLY ONE OPTION</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Forced warm-air furnace with ducts and vents to individual rooms <input type="checkbox"/> Steam or hot water system with radiators OR other system using steam or hot water <input type="checkbox"/> Electric heat pump <input type="checkbox"/> Built-in electric baseboard heating or electric coils in floors, ceilings, or walls <input type="checkbox"/> Floor, wall, or other pipeless furnace built into the building <input type="checkbox"/> VENTED room heaters burning kerosene, gas, or oil <input type="checkbox"/> UNVENTED room heaters burning kerosene, gas, or oil <input type="checkbox"/> Portable electric heaters <input type="checkbox"/> Wood burning stove, pot belly stove, Franklin stove <input type="checkbox"/> Fireplace WITH inserts <input type="checkbox"/> Fireplace WITHOUT inserts <input type="checkbox"/> Other heating equipment <input type="checkbox"/> No heating equipment <input type="checkbox"/> Cooking stove (gas or electric) <input type="checkbox"/> Not applicable <input type="checkbox"/> Do not have secondary source of heating

The next series of questions are about problems that some people have experienced with their homes. We are interested if you have experienced these types of problems too.

B29	FREEZEQ Last winter for any reason was your house/apartment so cold for 24 hours or more that you were uncomfortable?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B34) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B30	IFCOLD Was that because the MAIN heating equipment broke down?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B32) <input type="checkbox"/> DON'T HAVE HEATING EQUIPMENT (SKIP TO B34) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B31	NUMCOLD How many times did the MAIN heating equipment break down for 6 hours or more last winter?	0 1 2 3 4 5 6 7 8 ENTER 8 FOR 8 OR MORE
B32	OTHCOLD Was it cold for any other reason?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B34) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B33	OTHCOLD What was the reason?	ENTER ALL THAT APPLY: <input type="checkbox"/> Utility interruption <input type="checkbox"/> Inadequate heating supply <input type="checkbox"/> Inadequate insulation <input type="checkbox"/> Cost of heating <input type="checkbox"/> Other (SPECIFY): _____

AIR CONDITIONING		
B34	AIRSYS I would like to ask about air conditioning. Does this housing unit have central air conditioning?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B40) <input type="checkbox"/> DON'T KNOW/REFUSED
B35	Does a heat pump/heating equipment provide air conditioning for this home?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED
B36	AFUEL What type of fuel is used for the central air conditioning?	<input type="checkbox"/> Electricity <input type="checkbox"/> Gas/LP Gas <input type="checkbox"/> Other (SPECIFY) _____
B37	OARSYS Besides the heat pump/heating equipment does this home have another central air conditioning system?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B39) <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> REFUSED
B38	AFUEL What type of fuel is used for the other central air conditioning?	<input type="checkbox"/> Electricity <input type="checkbox"/> Gas/LP Gas <input type="checkbox"/> Other (SPECIFY) _____
B39	How often do you use the central air conditioning? Is it daily, during certain seasons or hardly ever?	<input type="checkbox"/> Daily <input type="checkbox"/> During certain seasons <input type="checkbox"/> Hardly ever
B40	AIR Does this unit have any room air conditioners?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B42) <input type="checkbox"/> DON'T KNOW (SKIP TO B42) <input type="checkbox"/> REFUSED (SKIP TO B42)
B41	How many room air conditioners does this unit have?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> SIX OR MORE ENTER NUMBER _____

WATER		
We would like to know about the primary source of water that you use.		
B42	<p>WATERQ</p> <p>Does most of the water for your house/apartment come from a water system, either public or private, from an individual well, or from some other source?</p> <p>MARK ONLY ONE OPTION</p>	<input type="checkbox"/> Public or private water system (includes city water) <input type="checkbox"/> Individual well <input type="checkbox"/> Spring <input type="checkbox"/> Cistern <input type="checkbox"/> Stream or lake <input type="checkbox"/> Commercial bottled water <input type="checkbox"/> Watcher catchment (i.e. rain barrel) <input type="checkbox"/> Community well <input type="checkbox"/> Swimming pool <input type="checkbox"/> Other (SPECIFY): _____
B43	<p>WATERS</p> <p>In your opinion, is the water from this [WATER SOURCE FROM B42] safe for cooking and drinking?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B44	<p>HOTPIP</p> <p>Is there both hot and cold running water anywhere in your house/apartment?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B45	<p>Do you use this water for drinking?</p> <p>B45a. How do you obtain water for drinking? (CODE ALL THAT APPLY)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No (ASK B45a) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> Haul water <input type="checkbox"/> Have water trucked in <input type="checkbox"/> Link a hose to another dwelling <input type="checkbox"/> Bottle water at source <input type="checkbox"/> Purchase bottled water <input type="checkbox"/> Other (SPECIFY): _____

<p>The next questions are about water leaks, either from OUTSIDE your house/apartment or from INSIDE.</p>	
<p>B49 LEAK1</p> <p>While you have been living here, did water ever leak into your house/apartment directly from the OUTSIDE, for example through the roof, outside walls, basement, or any closed windows or skylights?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No outside water leaks (SKIP TO B52) <input type="checkbox"/> Don't know <input type="checkbox"/> Refused</p>
<p>B50 LEAK2</p> <p>Did water leak in from the outside within the past 12 months, that is, since [DATE]?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW</p>
<p>B51 WHERELK</p> <p>Did the water come in from...?</p> <p>READ RESPONSES TO RESPONDENT.</p>	<p><input type="checkbox"/> Roof <input type="checkbox"/> Basement <input type="checkbox"/> Walls or around closed windows or closed doors <input type="checkbox"/> Somewhere else (SPECIFY): _____ _____</p>
<p>B52 ILEAK1</p> <p>Now about water leaks from INSIDE. Since you've lived here, did water leak in from broken pipes or water heaters, backed up plumbing, or on the ceiling, walls, or floor with water that came from another unit?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No inside water leaks (SKIP TO B55) <input type="checkbox"/> Don't know <input type="checkbox"/> Refused</p>
<p>B53 ILEAK2</p> <p>Did any inside water leaks happen within the past 12 months, that is, since [DATE]?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW</p>
<p>B54 WHERELK2</p> <p>Where did the water come from?</p>	<p><input type="checkbox"/> Own plumbing fixtures backed up and/or overflowed <input type="checkbox"/> Pipes leaked (include pipe leaks from other apartments) <input type="checkbox"/> Broken water heater <input type="checkbox"/> Other (SPECIFY): _____ <input type="checkbox"/> Unknown</p>

SEPTIC		
B55	PUBSEWQ Is your house/apartment connected to a public sewer?	<input type="checkbox"/> Yes (SKIP TO B57) <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B56	SEWDISQ What means of sewage disposal does your house/apartment have?	<input type="checkbox"/> Septic tank <input type="checkbox"/> Cesspool <input type="checkbox"/> Chemical toilet <input type="checkbox"/> Outhouse or privy <input type="checkbox"/> Don't know <input type="checkbox"/> Other (SPECIFY): _____ <input type="checkbox"/> None
B57	IFSEW Did the sewage system break down in the past three months? B57a. How many of these breakdowns lasted 6 hours or more?	<input type="checkbox"/> Yes (ASK B57a) <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW 0 1 2 3 4 5 6 7 8 ENTER 8 FOR 8 OR MORE
B58	HAND RESPONDENT SHOWCARD 4. Have you had any of the following problems with the septic system during the last 6 months? (CHECK ALL THAT ARE MENTIONED)	<input type="checkbox"/> Back-ups <input type="checkbox"/> Surfacing sewage <input type="checkbox"/> Septic tank collapse <input type="checkbox"/> Drain field failed <input type="checkbox"/> Blocked lines <input type="checkbox"/> Frequent pumping required <input type="checkbox"/> Smell/stench
B59	TOILETP Is there a flush toilet anywhere in your house/apartment?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO B61) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B60	Were there any times during the last three months when the/all the flush toilet(s) in your house/apartment were broken down or backed up for 6 hours or more?	<input type="checkbox"/> Yes (SKIP TO B62) <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B61	What type of toilet does this unit have?	<input type="checkbox"/> Chemical toilet <input type="checkbox"/> Outhouse/privy <input type="checkbox"/> Other (SPECIFY): _____

<p>B62</p>	<p>IF RESPONDENT INDICATED THE HOUSE/APARTMENT HAS A FULL BATH IN B4, ASK THIS QUESTION (IF OTHERWISE, SKIP TO B63):</p> <p>Earlier you said that you have a full bath.</p> <p>TUB1</p> <p>Does the full bath contain a bathtub or a shower?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW</p>
<p>B63</p>	<p>SHARPF</p> <p>Some people live in neighborhoods where some of the houses don't have complete plumbing facilities. So, they must use other people's bathrooms. Does anyone not living in your home, not counting guests or workers, regularly use your plumbing or bathroom?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW</p>

INTERIOR CONDITION		
B64	<p>VISIBLE HOLES IN FLOOR</p> <p>HOLES</p> <p>How about the floors in your house/apartment, are there any holes in the floors big enough for someone to catch their foot on?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B65	<p>HOLES OR OPEN CRACKS IN WALLS OR CEILING</p> <p>CRACKS</p> <p>People sometimes have problems with cracks or holes in the floors, walls, or ceilings, not hairline cracks or nail holes, but open cracks or holes. In the inside walls or ceilings of your house/apartment, are there any open holes or cracks wider than the edge of a dime?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B66	<p>PEELING PAINT BIGP1</p> <p>Does the inside of your house/apartment have any areas of peeling paint or broken plaster?</p> <p>BIGP2</p> <p>B66a. Are any of these areas bigger than 8 X 11 inches? (PROMPT: That would be about the size of this piece of paper [indicate questionnaire].)</p>	<input type="checkbox"/> Yes (ASK B66a) <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B67	<p>SIGNS OF RATS (OR OTHER VERMIN)EVROD</p> <p>Have you ever seen signs of unwanted mice, rats, insects, termites or other pests INSIDE your house/apartment?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
B68	<p>Is there a problem with mold inside your house/apartment</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW

C. SATISFACTION WITH HOUSING

INTERVIEWER READ: “Now that you have described the features of the house/apartment, I would like to ask you some questions about your satisfaction with this housing unit.”

HOUSING QUALITY					
C1	HAND RESPONDENT SHOWCARD 5. Overall, how would you rate your satisfaction with the house/apartment you live in? Please tell me using a scale of 1-5 where 1 is very dissatisfied and 5 is very satisfied.	<p>IF RESPONDENT INDICATES ‘1 - VERY DISSATISFIED’ OR ‘2 - DISSATISFIED’, CONTINUE TO C2.</p> <p>IF RESPONDENT INDICATES ‘3 - NEITHER DISSATISFIED NOR SATISFIED’, ‘4 - SATISFIED’, OR ‘5 - VERY SATISFIED’, SKIP TO C3.</p>			
	1 Very dissatisfied	2	3 Neither satisfied nor dissatisfied	4	5 Very satisfied
C2	Why are you dissatisfied? What features of your house/apartment are you dissatisfied with? OPEN-ENDED	Record verbatim response:			

<p>C3</p>	<p>Do you think the overall physical condition of this house/apartment is unacceptable, acceptable, or excellent? Please choose one response.</p>	<p> <input type="checkbox"/> Unacceptable <input type="checkbox"/> Acceptable <input type="checkbox"/> Excellent </p> <p>IF RESPONDENT INDICATES 'EXCELLENT', SKIP TO D1.</p> <p>IF RESPONDENT INDICATES 'UNACCEPTABLE' OR 'ACCEPTABLE', CONTINUE TO C4.</p>
<p>C4</p>	<p>Why do you say that? What problems are there with the physical condition of your house/apartment?</p> <p>OPEN-ENDED</p>	<p>Record verbatim response:</p>

D. COMMUNITY PREFERENCES

INTERVIEWER READ: I would like to ask you a few questions about why you chose to apply for a homestead lease with DHHL and what is important to you when selecting a homestead community.

D1	I am going to list some reasons people may have for living in a particular community. How important are these reasons to you? READ RESPONSE OPTIONS OUT LOUD.						
		NOT IMPORTANT	IMPORTANT	VERY IMPORTANT	N/A	DK	REF
D1a	Makes it easy to be an active member of the community						
D1b	Family and friends are all there						
D1c	Have always lived there						
D1d	Historic ties to community						
D1e	Avoiding discrimination/harassment						
D1f	Family and friends living on homestead and it is a life style that would be appealing						
D1g	Access to job or business opportunity						
D1h	Access to health care						
D1i	Access to educational facilities and resources						
D1j	Access to other government subsidies/assistance						
D1k	Beneficial assistance from DHHL						

		NOT IMPORTANT	IMPORTANT	VERY IMPORTANT	N/A	DK	REF
D1l	Good location to raise a family						
D1m	Good location for retirement						
D1n	Easier to practice Native Hawaiian culture						
D1o	Is there any important reason I missed? (SPECIFY: _____)						

D2	<p>What features are you looking for in a new community?</p> <p>HAND THE RESPONDENT SHOWCARD 11.</p> <p>MARK ALL THAT APPLY.</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Access to jobs or business opportunities <input type="checkbox"/> Ease of accessing services (child care, job training, shopping, recreation) <input type="checkbox"/> Better access to health care <input type="checkbox"/> Better choice of schools for children <input type="checkbox"/> Better access to state colleges <input type="checkbox"/> Quieter environment <input type="checkbox"/> More affordable housing <input type="checkbox"/> Better supply of available housing <input type="checkbox"/> Good housing quality <input type="checkbox"/> Easier to obtain a mortgage <input type="checkbox"/> Less crime and fewer safety concerns <input type="checkbox"/> Less gang activity <input type="checkbox"/> Less prevalence of domestic violence <input type="checkbox"/> Less presence of alcohol/drug use <input type="checkbox"/> Access to public transportation <input type="checkbox"/> Close-knit community environment <input type="checkbox"/> Opportunity to grow things <input type="checkbox"/> Other (SPECIFY): _____
D3	<p>Is there anything I missed?</p> <p>OPEN-ENDED</p>	<p>Specify:</p>

E. CULTURALLY-RESPONSIVE HOUSING

INTERVIEWER READ: "Next I am going to ask you some questions about your housing preferences."

E1	Thinking about this house/apartment, can you tell me if each of the following features of your home supports Hawaiian cultural values and practices? I am going to read each feature aloud to you. READ EACH ITEM IN LIST TO RESPONDENT.				
		YES Please explain.	NO Please explain.	DON'T KNOW	REFUSED
E1a	Exterior appearance (including landscaping)				
E1b	Architectural design				
E1c	Floor plan or arrangement of rooms				
E1d	Number and type of rooms, for example, for family gatherings; quilting; weaving; native crafts; sewing; tools; activities; sharing music; hula; worship; ceremonies; places for children to study; rooms for extended family, etc.				
E1e	Structurally conducive to climate: lanai, windows for cross ventilation, shading with roof line extensions, and the like.				
E1f	Storage for communal/'ohana materials/supplies				
E1g	Parking for 'ohana				
E1h	Land to grow Hawaiian plants, fruits, and flowers to preserve the culture.				

<p>E2</p>	<p>In general, does the design of housing in your community take into consideration cultural values or practices?</p>			
<p>E3</p>	<p>When thinking about the house you would prefer, do you think of features that reflect or take into account traditional Native Hawaiian values or traditions?</p>	<p> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW </p> <p>IF YES: ASK E4</p>		
<p>E4</p>	<p>How would you rate the importance of such features in your decision to select a residence?</p> <p>What are some of the features of a structure that reflect Native Hawaiian cultural values or support Native Hawaiian tradition?</p> <p>(RECORD VERBATIM)</p>	<p> <input type="checkbox"/> Extremely important <input type="checkbox"/> Important, but not the decisive factor <input type="checkbox"/> A nice added value if I can get it </p> <hr/> <hr/> <hr/>		

F. NEEDED SERVICES AND AMENITIES

INTERVIEWER READ: “I would like to ask you about needed services and facilities in your community.”

NEEDED SERVICES/FACILITIES IN YOUR COMMUNITY	
F1	HAND THE RESPONDENT SHOWCARD 6. MARK FIVE CHOICES.
	Here is a list of services and amenities that are thought of as important for a community. Please look at the list and tell me which five services or amenities are most needed in your community.
	Convenience store (for example, 7-Eleven, mom and pop store)
	Grocery store (small/large/supermarket) – a store with a full range of fresh and frozen products)
	Drug store
	Gas station
	Bank or credit union
	Medical/health care services/health clinic
	Dental care
	Mental health counseling and care
	Substance abuse treatment and care
	Emergency medical services
	Laundromat
	Early childhood education/preschool programs
	Primary school (K-8)
	Secondary school (9-12)
	Child care center
	Legal services/assistance
	After-school programs
	Community college or other adult education
	Parks or playgrounds
	A recreation or community center

	A community garden
	A certified kitchen/IMU
	A library
	Job placement and training services
	Social service office to sign up for/receive benefits (e.g., welfare, social security, disability)
	Emergency assistance (rent, utilities, shelter)
	Fire station
	Food bank/meal assistance/commodities
	Help finding affordable housing
	Public safety/law enforcement patrols/police substation
	Government offices
	Church or place of worship
	Public Transportation
	Senior/Elder Center
F2	Are there any other facilities or services that are most needed in your community but aren't on this list? OPEN-ENDED

G. HOUSING TENURE PREFERENCES

INTERVIEWER READ: “Some people own their houses or apartments and other people rent them. I would like to ask you some questions about your preferences for owning or renting. I will also ask if you have concerns about potential sale, foreclosure, eviction, or evacuation in the near future.”

G1	Do you own this home or apartment or are you buying this home or apartment with a "rent-to-own" or similar plan?	<input type="checkbox"/> Own SKIP TO G4: FOR OWNERS ONLY <input type="checkbox"/> Buying on "rent-to-own" SKIP TO G4: FOR OWNERS ONLY <input type="checkbox"/> Neither CONTINUE TO G2
G2	Do you rent or live for free in this house/apartment?	<input type="checkbox"/> Rent SKIP TO G10: FOR RENTERS ONLY <input type="checkbox"/> Live for free CONTINUE TO G3
G3	IF LIVE FOR FREE: Who owns it?	<input type="checkbox"/> Parent(s) <input type="checkbox"/> Grandparent(s) <input type="checkbox"/> Other family member (SPECIFY): _____ <input type="checkbox"/> Friend <input type="checkbox"/> Other (SPECIFY): _____ SKIP TO G10: FOR RENTERS ONLY

FOR OWNERS ONLY (G4 – G9)

G4	Are you in a home that was built or subsidized by HUD, DHHL or some other government agency?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW IF YES: What agency? _____
G5	Do you currently have a mortgage on your property?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
G6	Have you ever applied for a mortgage and had your application denied?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO G8) <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW

<p>G7</p>	<p>HAND THE RESPONDENT SHOWCARD 7.</p> <p>MARK ALL THAT APPLY.</p> <p>Why was your mortgage application denied? Please tell me the reasons.</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Didn't have a sufficient down payment <input type="checkbox"/> Don't make enough money to pay the mortgage <input type="checkbox"/> Don't have a job <input type="checkbox"/> Don't have a long/good job history <input type="checkbox"/> My credit score was too low/didn't have a credit history <input type="checkbox"/> Too much debt (credit cards, student loans, medical/health care costs) <input type="checkbox"/> There were issues about title to the land or property rights <input type="checkbox"/> I felt I was discriminated against because I am Native Hawaiian <input type="checkbox"/> Other (SPECIFY): _____
<p>G8</p>	<p>Would you prefer to rent your home rather than owning?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> I would prefer to rent <input type="checkbox"/> I would prefer to own (SKIP TO G10) <input type="checkbox"/> Don't know (SKIP TO G10) <input type="checkbox"/> Refused (SKIP TO G10)
<p>G9</p>	<p>INTERVIEWER: HAND THE RESPONDENT SHOWCARD 8.</p> <p>MARK ALL THAT APPLY.</p> <p>Why would you rather rent?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Less expensive than buying/can't afford to buy <input type="checkbox"/> Less responsibility/less risk/don't have to worry about maintenance <input type="checkbox"/> Can move when I want/can be more flexible <input type="checkbox"/> The market is too poor right now <input type="checkbox"/> It is easier <input type="checkbox"/> Don't have to worry about losing value <input type="checkbox"/> Live on a fixed income <input type="checkbox"/> Can't afford down payment <input type="checkbox"/> Some other reason (SPECIFY): _____ <input type="checkbox"/> None <input type="checkbox"/> Don't Know <input type="checkbox"/> Refused <p style="text-align: center;">SKIP TO G14.</p>

<p>FOR RENTERS ONLY (G9 – G13)</p>		
<p>G10</p>	<p>Have you ever applied for a mortgage and had your application denied?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW

		IF YES, CONTINUE TO G11. IF NO/DK/REF, SKIP TO G12.
G11	<p>HAND THE RESPONDENT SHOWCARD 9.</p> <p>MARK ALL THAT APPLY.</p> <p>Why was your mortgage application denied? Please tell me the reasons.</p>	<input type="checkbox"/> Didn't have a sufficient down payment <input type="checkbox"/> Don't make enough money to pay the mortgage <input type="checkbox"/> Don't have a job <input type="checkbox"/> Don't have a long/good job history <input type="checkbox"/> My credit score was too low/didn't have a credit history <input type="checkbox"/> Too much debt (credit cards, student loans, medical/health care costs) <input type="checkbox"/> There were issues about the title to the land or property rights <input type="checkbox"/> I felt I was discriminated against because I am Native Hawaiian <input type="checkbox"/> Other (SPECIFY): _____
G12	<p>Would you prefer to own your own home rather than renting?</p>	<input type="checkbox"/> I would prefer to own <input type="checkbox"/> I would rather rent <input type="checkbox"/> Don't know <input type="checkbox"/> REFUSED <p>IF 'PREFER TO OWN', SKIP TO G14.</p> <p>IF 'PREFER TO RENT', CONTINUE TO G13.</p>
G13	<p>INTERVIEWER: HAND THE RESPONDENT SHOWCARD 8 [SAMES AS FOR OWNER F9]</p> <p>MARK ALL THAT APPLY.</p> <p>Why would you rather rent?</p>	<input type="checkbox"/> Less expensive than buying/can't afford to buy <input type="checkbox"/> Less responsibility/less risk/don't have to worry about maintenance <input type="checkbox"/> Can move when I want/can be more flexible <input type="checkbox"/> The market is too poor right now <input type="checkbox"/> It is easier <input type="checkbox"/> Don't have to worry about losing value <input type="checkbox"/> Live on a fixed income <input type="checkbox"/> Can't afford down payment <input type="checkbox"/> Some other reason (SPECIFY): _____ <input type="checkbox"/> None <input type="checkbox"/> Don't Know <input type="checkbox"/> Refused

<p>G14</p>	<p>HAND THE RESPONDENT SHOWCARD 10.</p> <p>MARK ALL THAT APPLY.</p> <p>Sometimes people find it hard to buy their own home. Here's a list of barriers that people face when buying their own home. Please take a look and tell me if any of these apply to you.</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Can't save enough for a house/can't afford down payment (down payment) <input type="checkbox"/> Can't afford the monthly mortgage payment <input type="checkbox"/> Can't find a mortgage lender in the area <input type="checkbox"/> Can't resolve land rights (property rights) <input type="checkbox"/> Don't have collateral to get a loan because my land is held in trust <input type="checkbox"/> Don't have a job <input type="checkbox"/> Don't have a long/good job history <input type="checkbox"/> My credit score was too low/didn't have a credit history <input type="checkbox"/> Too much debt (credit cards, student loans, medical/health care costs) <input type="checkbox"/> No housing available in a location I want to live <input type="checkbox"/> No affordable housing in my area <input type="checkbox"/> No houses are available for sale or being built that are suitable for me/my family <input type="checkbox"/> Don't know how to buy a home/unfamiliar with loan application process, lending terms, or real estate transactions <input type="checkbox"/> Lenders are more likely to deny applications from Native Hawaiian
<p>G15</p>	<p>Are there any other reasons that you may have found it hard to buy your own home?</p> <p>OPEN-ENDED</p>	<p>SPECIFY:</p> <hr/> <hr/> <hr/> <hr/>
<p>G16</p>	<p>G16a. Would you be willing to contribute your own labor or that of a family member to build your house if that made it possible to own your own home?</p> <p>G16b. Would you be willing and able to share the cost of the infrastructure if it would help you get into a home faster?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW <ul style="list-style-type: none"> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
<p>G17</p>	<p>Have you ever lived in a housing unit where the rent was subsidized by the local Public Housing Authority or another public entity other than DHHL?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Yes (SKIP TO G19) <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
<p>G18</p>	<p>Do you currently live in a unit that</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO G20)

	is rent subsidized, like Section 8?	<input type="checkbox"/> REFUSED (SKIP TO G20) <input type="checkbox"/> DON'T KNOW (SKIP TO G20)
G19	<p>How would you characterize the quality of the subsidized unit? Please answer 'yes' or 'no'.</p> <p>a. It was at least as good as my former residence.</p> <p>b. It was much better than my former residence.</p> <p>c. It was not as good as my former residence.</p> <p>d. If the need arose would you consider applying for such a unit again?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
G20	Have you ever taken a home buyer education class or training?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
G21	Have you ever met with anyone from the DHHL Home Ownership Assistance Program?	<input type="checkbox"/> Yes <input type="checkbox"/> No (SKIP TO F23) <input type="checkbox"/> REFUSED (SKIP TO F23) <input type="checkbox"/> DON'T KNOW (SKIP TO F23)
G22	Please rate the quality of the service you received from the DHHL Home Ownership Assistance Program.	<input type="checkbox"/> Poor <input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW

POTENTIAL SALE, FORECLOSURE, EVICTION OR EVACUATION	
Can you tell me if any of the following circumstances apply to you?	
ASK HOMEOWNERS: G23 – G24	
ASK RENTERS G25 - G28	

HOMEOWNERS		
G23	You plan to sell your home in the next year or two because you can't afford the mortgage payments or need the money that you have in your home (equity).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
G24	Your home is in foreclosure or you expect it to go into foreclosure within the next 60 days.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW SKIP TO G1.

RENTERS		
G25	You expect to be evicted from your home within the next 60 days.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
G26	You expect to be asked to move because you are behind on your payments.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
G27	You will be asked to leave your home in the next 60 days so that someone else can move in.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW
G28	You will have to leave your home in the next 60 days because this residence will be demolished.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW

H. HOUSEHOLD INCOME AND HOUSING COSTS

INTERVIEWER READ: “I would like to ask you a few questions about the sources of financial and non-financial support for your household. I appreciate that our questions are, or may be, difficult to answer and sometimes seem intrusive. As with other questions in this survey, we want to reassure you that the information you provide to us is kept confidential.”

		YES	NO	DK	REF
H1	I am going to be asking you about your household income, but first, I want to ask you about possible sources of that income. We want to include income earned by everyone who lives in your home, regardless of whether he or she is related to you. Did you (or anyone in your household) receive any income in the last 12 months from (...)?				
H1a	Wages or salary				
H1b	Commissions, bonuses, or tips				
H1c	Self-employment income from a business or farm, including proprietorships and partnerships				
H1d	Interest payments, dividends, net rental income, royalty income, or income from estates and trusts related to personal investments				
H1e	Social Security or railroad retirement				
H1f	Supplemental security income (SSI)				
H1g	Public assistance, general assistance, TANF/welfare payments from the state or local welfare office				
H1h	Retirement, survivor, or disability pensions (SSDI)				
H1i	Other work that you have not yet told me about that you or someone in your household did inside or outside the home such as child care/babysitting, making and selling of traditional craft items, cooking, car repair, carpentry, or other jobs like that.				

		YES	NO	DK	REF
H1j	Any income, cash, or other compensation from the production and sale of traditional Native Hawaiian crafts or the performance of traditional Native Hawaiian music or dance?				
H1k	Any other sources of income received regularly such as Veteran’s payments, unemployment compensation, child support, or alimony				
H1l	Any educational benefits targeted to Native Hawaiians				
H1m	Other (SPECIFY): IF ANY SOURCE OF CASH INCOME REPORTED IN H1a –H1m, SKIP TO H2. IF NO SOURCES OF CASH INCOME HAVE BEEN REPORTED, CONTINUE TO H1n.				
H1n	No sources of cash income ONLY ASK IF NO SOURCES OF CASH INCOME ARE REPORTED ABOVE IN H1a – H1m.				
H2	Are there any sources of non-monetary support that your household relies on? H2a: What is/are the source(s)? If the respondent is hesitant to identify the source of “Other” income, just check the box and do not record a verbatim response.	<input type="checkbox"/> Yes (ASK H2a) <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON’T KNOW (NO/REF/DK: SKIP TO H3) <input type="checkbox"/> Subsistence activities (fishing, hunting, farming, gathering) <input type="checkbox"/> Exchanging/sharing of goods and services <input type="checkbox"/> Food distribution/pantries <input type="checkbox"/> Labor in exchange for room & board <input type="checkbox"/> Other (SPECIFY): _____ —			

<p>H3</p>	<p>Now we have a question about your household's income during the last calendar year, that is, for [YEAR]. Again, I understand that our questions are, or may be, difficult to answer and sometimes seem intrusive. As with other questions in this survey, I want to reassure you that the information you provide to us is kept confidential. Please look at this card. Can you tell me the letter that matches your best estimate of the amount of household income you received last year from the all of the sources you just mentioned? Let me read them back to you.</p> <p>INTERVIEWER: REVIEW INCOME SOURCES MARKED "YES" FROM QUESTION H1.</p> <p>HAND SHOWCARD 12 TO RESPONDENT. ASK HIM/HER TO POINT TO THE RESPONSE.</p>	<p>A. Less than \$5,000 B. \$5,000 to \$9,999 C. \$10,000 to \$14,999 D. \$15,000 to \$19,999 E. \$20,000 to \$24,999 F. \$25,000 to \$29,999 G. \$30,000 to \$34,999 H. \$35,000 to \$39,999 I. \$40,000 to \$49,999 J. \$50,000 to \$59,999 K. \$60,000 to \$79,999 L. \$80,000 to \$99,999 M. \$100,000 to \$119,999 N. \$120,000 or more O. Don't know P. Refused</p>
<p>H4</p>	<p>I am going to show you another card. Please look and tell me the letter that matches your best estimate for the total amount you pay for or contribute to housing each month, including the rent/mortgage/note payment and all of your utilities (including electricity, water, sewer, gas, and land line phones)?</p> <p>HAND THE RESPONDENT SHOWCARD 13. ASK HIM/HER TO POINT TO THE RESPONSE.</p>	<p>A. Less than \$100 B. \$100 to \$199 C. \$200 to \$249 D. \$250 to \$299 E. \$300 to \$349 F. \$350 to \$399 G. \$400 to \$449 H. \$450 to \$499 I. \$500 to \$599 J. \$600 to \$699 K. \$700 to \$799 L. \$800 to \$999 M. \$1,000 to \$1,249 N. \$1,250 to \$1,499 O. \$1,500 to \$1,999 P. \$1,500 to \$1,999 Q. \$2,500 or more R. No cash paid for rent/mortgage/ utilities S. Don't know T. Refused</p>

<p>H5</p>	<p>After you take care of housing expenses each month—rent/mortgage and utilities—on average over the past year, how much money do you have left to spend on other things?</p> <p>REFER THE RESPONDENT TO SHOWCARD 13 AGAIN. ASK HIM/HER TO POINT TO THE RESPONSE.</p>	<p>A. Less than \$100 B. \$100 to \$199 C. \$200 to \$249 D. \$250 to \$299 E. \$300 to \$349 F. \$350 to \$399 G. \$400 to \$449 H. \$450 to \$499 I. \$500 to \$599 J. \$600 to \$699 K. \$700 to \$799 L. \$800 to \$999 M. \$1,000 to \$1,249 N. \$1,250 to \$1,499 O. \$1,500 to \$1,999 P. \$2,000 to \$2,499 Q. \$2,500 or more R. Don't know S. Refused</p>
<p>H6</p>	<p>IF RESPONDENT LIVES WITH ALL PERSONS NOT RELATED TO HIM/HER ASK:</p> <p>Have you noticed any problems with members of the household not being able to make house payments/rent or house maintenance costs?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> REFUSED <input type="checkbox"/> DON'T KNOW</p>

BEFORE COLLECTING CONTACT INFORMATION FOR VALIDATION ON NEXT PAGE AND PROVIDING RESPONDENT INCENTIVE:

“These are all the questions I have. Thank you so much for giving me your time. Now I just need to ask you some contacting information, give you your gift for participation, and do the walk-around outside that I mentioned earlier.”

CONCLUDING THE INTERVIEW

I will be sending this document to the study officials in Chicago at NORC, so that your responses can be included in this important research. An editor will check to see that I have indicated an answer to all of the appropriate questions. If I mistakenly skipped a question, a quality control staff person will call you to fill in the missing information. This is standard procedure to ensure that all of the information needed is provided [quality assurance]. All of the employees who may contact you are bound by the same confidentiality rules that I am.

My office may want to verify that I was here. Someone may call you to make sure that I conducted the interview. Please give me your name, telephone number, and mailing address so that my office may contact you. *Please be assured that the information on this page will be secured and kept separate from the questionnaire.*

NAME OF RESPONDENT:

TELEPHONE NUMBER:

ADDRESS:

Street	City	State ZIP
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THANK THE RESPONDENT FOR HIS/HER TIME AND GIVE HIM/HER THE INCENTIVE. HAVE THE RESPONDENT SIGN THE RECEIPT.

Now, as I noted at the beginning of the interview, I will take a look at the exterior conditions of this dwelling and fill in some information about the conditions. You are welcome to accompany me while I make these observations, but if you would rather not, that's OK too.

FINISH TIME: _____ AM/PM **TRANSFER FINISH TIME TO FRONT COVER**

CONTINUE TO FOLLOWING PAGE →

I. ENUMERATOR OBSERVATION

INSTRUCTIONS FOR CONDUCTING THE HOUSING OBSERVATION: Once the interview is completed, exit the dwelling and walk around the structure. Record observations regarding the type of structure, the size of the lot it sits on, the general conditions of the exterior, access to the dwelling, other buildings on the lot, and materials used.

American Housing Survey (AHS)	
I1	<p>Type of structure ISTYPE Identify the type of living quarters:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Manufactured/mobile home <input type="checkbox"/> One-unit building, detached from any other building <input type="checkbox"/> One-unit building, attached to one or more buildings <input type="checkbox"/> Building with two or more apartments
I2	<p>For mobile home or single family detached: (Confirm with respondent if necessary.)</p> <p>LOTQ About how large is the [site/lot]?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Square feet _____ <input type="checkbox"/> Feet by Feet _____ <input type="checkbox"/> Whole acres _____ <p>SKIP TO I3</p> <ul style="list-style-type: none"> <input type="checkbox"/> Don't know: CONTINUE TO I2a

I2a	<p>LTAC1P Would you say that the [site/lot] is more than 1 acre or less than 1 acre? <input type="checkbox"/> More <input type="checkbox"/> Less</p> <p>ACRES About how many acres? _____ SKIP TO I2c Don't know: CONTINUE TO I2b</p>			
I2b	<p>LTAC10P Is it more than 10 acres? <input type="checkbox"/> More <input type="checkbox"/> Less</p>			
I2c	<p>ESTIMATE Could you give me an estimate of dimensions of the lot? _____</p>			
I3	<p>Observe the exterior condition of the OUTSIDE of the housing unit. Indicate whether the following conditions are present or not. If not able to observe, then mark "Not Observed."</p>			
	<table border="1"> <thead> <tr> <th>Yes</th> <th>No</th> <th>Not observed</th> </tr> </thead> </table>	Yes	No	Not observed
Yes	No	Not observed		
I3a	<p>EMISSR Does the roof have missing shingles or other missing roofing materials?</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>			
I3b	<p>EHOLER Does the roof have any holes?</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>			
I3c	<p>ESAGR Does the roof's surface sag or appear uneven?</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>			
I3d	<p>EMISSW Does the outside walls have any missing siding, bricks, or other missing wall materials?</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>			
I3e	<p>ESLOPEW Do the outside walls slope, lean, buckle or slant?</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>			
I3f	<p>EBROKE Are any of the windows broken?</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>			
I3g	<p>EBAR Are any of the windows covered with metal bars?</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>			

I3h	ECRUMB Are there any holes or open cracks or crumbling in the foundation, in the base on which the building stands?			
I4	Access	<input type="checkbox"/> Paved road <input type="checkbox"/> Well maintained dirt road <input type="checkbox"/> Poorly maintained dirt road		
I5	Other buildings on lot MARK ALL THAT APPLY.	<input type="checkbox"/> None <input type="checkbox"/> Garage/carport <input type="checkbox"/> Barn or stable <input type="checkbox"/> Outdoor cooking area <input type="checkbox"/> Outhouse <input type="checkbox"/> Living quarters <input type="checkbox"/> Business <input type="checkbox"/> Cultural/ceremonial structures (e.g., o’hanas) <input type="checkbox"/> Other (SPECIFY): _____		
I6	Exterior materials MARK ALL THAT APPLY.	<input type="checkbox"/> Wood or wood siding <input type="checkbox"/> Aluminum siding <input type="checkbox"/> Brick <input type="checkbox"/> Concrete or block <input type="checkbox"/> Masonite <input type="checkbox"/> Stucco <input type="checkbox"/> Other (SPECIFY): _____		
I7	Roof materials MARK ALL THAT APPLY.	<input type="checkbox"/> Asphalt shingles <input type="checkbox"/> Tar paper <input type="checkbox"/> Metal <input type="checkbox"/> Wood <input type="checkbox"/> Tile <input type="checkbox"/> Other (SPECIFY): _____		
I8	Exterior condition	<input type="checkbox"/> Excellent or good <input type="checkbox"/> Needs minor repairs <input type="checkbox"/> Need major repairs <input type="checkbox"/> Appears unsafe		

Appendix C. Stakeholder Interviews and Discussion Groups Selection

C1. Approach

The approach to identifying the organizations and individuals for the stakeholder discussions began with the list of potential respondent entities (stakeholders). From this list, the purposive list was refined and shared with the Department of Hawaiian Home Lands (DHHL) for further input and refinement. The list was designed to attempt to capture federal, state, local, and private entities that oversee or are involved with housing in the state of Hawaii, especially as it relates to housing for Native Hawaiians. The list included the following types of organizations.

- Local government entities such as department of housing/community development.
- Federal government program offices related to housing/housing for native peoples.
- Affordable-housing developers.
- Native Hawaiian advocacy organizations.
- Housing support service providers (for example, education, counseling, credit and financial assistance).
- Local lenders, especially those offering the U.S. Department of Housing and Urban Development (HUD) Section 247 and 184A loans.
- Homeowner-focused civic organizations.
- Organizations focused on homelessness.

The list also included entities that were present during the January 2011 initial outreach session conducted in Oahu under a separate but related part of this study. Moreover, some of the entities were further re-engaged during a related preparatory site visit to Hawaii by an Econometrica, Inc. team member in February 2013.

The final list of identified stakeholders (universe) was 37 entities, excluding homesteads. Econometrica staff attempted to contact and schedule 26 entities identified as most relevant (excluding homesteads) for in-person discussions during a site visit scheduled for July 14–25, 2014. Beginning in June 2014, Econometrica staff attempted to contact the stakeholder entities that Econometrica and DHHL identified as priority interviewees. Contact was attempted by telephone and/or e-mail. Multiple attempts were made to contact entities, and DHHL provided additional points of contact in some cases. Of the stakeholders, 20 agreed to participate, although 1 later canceled for medical reasons and could not be rescheduled. Of the remaining 19 stakeholders, 3 were unable to meet with the researchers during the site visit and either participated in a telephone discussion or provided written comments. The 19 stakeholder entities participating in the discussions are described in exhibit C1.1.

Participation in the interviews was voluntary, and no incentive or compensation was promised or provided to those who participated. The interviews were unstructured discussions focused on eliciting information on the following:

- The work of the stakeholder organization and roles of interview participants and how the work involves Native Hawaiians and/or home lands lease applicants and lessees.

- The stakeholders' experiences in providing affordable housing or related assistance to Native Hawaiians and/or home lands lease applicants and lessees.
- The interview participants' perceptions of the main challenges in providing affordable housing or related assistance to Native Hawaiians and/or home lands lease applicants and lessees.
- Where applicable, the participants' knowledge and experience with DHHL policies and activities, the Native American Housing Assistance and Self-Determination Act (NAHASDA), and the Native Hawaiian Housing Block Grant.

The onsite interview discussions generally were conducted by a three-person team from Econometrica, with one lead interviewer (who also took handwritten notes), a designated electronic notetaker, and a third person who took handwritten notes and helped conduct the interview. Entities were free to include as many participants in the interview as they desired. The interviews ranged from 1 person to groups as large as 10 people. The discussions generally lasted 1 to 2 hours.

The research team also conducted three focus group discussions with organizations representing the homesteads (home lands communities administered under the Hawaiian Homes Commission Act) and homestead residents. These focus groups were arranged through DHHL and occurred during July 11-25, 2014, in community-owned space on each of the three islands: Oahu, Maui, and Hawaii. These groups were advertised electronically to representatives from the respective homestead associations. The outreach was made to 34 beneficiary organizations, which included regional and statewide umbrella organizations

and individual homestead associations. Attendance at each of the discussion groups was as follows:

- Maui: four people.
- Hawaii: two people.
- Oahu: ten people.

The focus group discussions lasted approximately 2 to 3 hours each, and a lead interviewer, a second interviewer, and a dedicated electronic notetaker facilitated each group. A representative from DHHL was present at each of the focus groups at DHHL's request. The discussions focused on the availability, types, and quality of housing on the home lands; challenges relating to affordability, access to financing, and overcrowding; and DHHL policies and activities.

All notes from the stakeholder interviews and focus group discussions were imported into NVivo 10 and were coded using a set of codes that reflect general topic areas (for example, housing affordability, housing quality, financing, overcrowding, cultural values, home maintenance). Analysis involved reviewing the material for each code to identify patterns and themes for discussion in this report.

Exhibit C1.1. Stakeholder Organizations

Bank of Hawaii. Bank of Hawaii is the largest lender in the state, with local branches across the islands. Bank of Hawaii handles residential loans under the Federal Housing Administration’s Section 247 program and the U.S. Department of Housing and Urban Development’s (HUD’s) Section 184A program for home lands properties.

Council for Native Hawaiian Advancement (CNHA). CNHA’s mission is to enhance the cultural, economic, political, and community development of Native Hawaiians. CNHA is a Native Community Development Financial Institution (CDFI) and a HUD-certified housing counseling agency providing financial education and technical assistance, grants, and loans to community members for their homeownership and small business-related needs. CNHA is also an advocacy organization, convening stakeholders around policy priorities and solutions to meet the challenges of Native Hawaiians.

County of Maui, Division of Housing and Human Concerns, Housing Division. The Housing Division creates rental and homeownership housing opportunities for low- and moderate-income residents through partnerships with community organizations. The Housing Division manages the Section 8 rental assistance program, monitors the management of county-owned rental housing projects, monitors affordable-housing conditions and fair housing practices, administers HOME Investment Partnerships Program funds, runs a first-time homebuyers assistance program and an affordable-housing fund program, and provides technical and financial assistance to facilitate the approval and development of affordable housing projects assisting low-income families. The head of the Housing Division and two program coordinators/administrators participated in the interviews.

Department of Hawaiian Home Lands (DHHL). Individuals representing four offices within DHHL participated in the interviews.

The *Planning Office* oversees policy and land use planning. It develops DHHL’s overall agency plans, and plans for strategic programs (for example, water, agricultural development, sustainability, community development) and island and regional development. The office conducts surveys and other research to support the development of these plans, including a periodic survey of beneficiaries. Staff interviewed had from 1 to 22 years of experience.

The *Housing Project Branch of the Homestead Services Division* is DHHL’s marketing arm for homestead leases and awards. This department conducts the outreach to beneficiaries on the waiting list; processes awards; and supports applicants through financial qualification, blood quantum qualification, contractor and house design selection, lot selection, and lease execution. It also coordinates with self-help and Habitat for Humanity projects for applicants. The experience of the staff interviewed ranged from less than 1 year to more than 20 years.

The *Loan Services Branch of the Homestead Services Division* administers DHHL’s loan origination, loan servicing, and loan collection programs. This division also prepares and submits loan packages for approval by the Hawaiian Homes Commission. Mortgage loan and collections specialists are on the ground in the community talking with

(cont.)

Exhibit C1.1. Stakeholder Organizations (cont.)

beneficiaries and working through issues with loan products and delinquencies. Staff interviewed had from 3 to 29 years of service.

The *Office of the Chair* manages the daily operations of DHHL, providing strategic planning and leadership support and supporting the Hawaiian Homes Commission. Staff in this office support procurement, contracting, special assignments that do not fall within other divisions, and some legal activities (for example, depositions, interrogatories). The Native American Housing Assistance and Self-Determination Act (NAHASDA) program is also under the Office of the Chair, including the development of the affordable housing plan and plans for managing the spend down of NAHASDA funding. The staff members interviewed had from 1.5 to 10 years of experience.

Habitat for Humanity. Interviews were conducted with representatives from two Habitat affiliates: Habitat Maui, serving all of Maui, and West Hawaii Habitat, serving the western side of Hawaii Island. These organizations conduct activities similar to those of other Habitat affiliates, including new home construction, home rehabilitation, and education and other supports to help families improve their housing situation. The representative from Maui Habitat said that the population they serve is about 90 percent Native Hawaiian, and most of these families are looking for assistance with homes on the home lands. The representative from West Hawaii Habitat did not know the proportion of the organization's clients that is Native Hawaiian, but estimated that about 90 percent of the 22 homes they built in 12 years benefited Native Hawaiians on the home lands.

Hawaii County Office of Housing and Community Development. This office plans, administers, and operates all of Hawaii County's housing programs, such as HUD's Section 8 rental assistance program and community development and grants management. One major program is Section 8, which has a 6,000-applicant waiting list. The staff interviewed did not know the proportion of the Section 8 population that is Native Hawaiian but said that 80 percent of the Section 8 population lives in the Puna area on the eastern side of the island, which is known as an area chosen by Native Hawaiians because it is more affordable. The office also manages two county-owned properties: one is housing for the elderly and the other is a 33-unit multifamily housing project. Other current development projects include a 96-unit multifamily housing project in Kona that is transitional and provides rentals with project-based vouchers and an affordable workforce housing project of 91 single-family homes.

Hawaii First Federal Credit Union (FCU). Hawaii First FCU has served the Hawaii Island community for 58 years. Its mission is to try to improve the financial standing and personal financial knowledge of lower-income people, including Native Hawaiians. It has between 700 and 800 members, most of whom are Native Hawaiians. Hawaii First FCU originates about 150 construction loans per year, with about one-fourth being on the home lands. In addition to providing loans and other financial services, Hawaii First FCU provides access to counseling and education through its loan counselors, certified housing counselors, and community resource centers.

(cont.)

Exhibit C1.1. Stakeholder Organizations (cont.)

Hawaii Homeownership Center (HHC). HHC is a 10-year old nonprofit organization founded to increase assistance available to first-time homebuyers. The organization supports homeownership with financial literacy education/counseling and referrals to sources of capital and services. They educate buyers and provide post-purchase services such as classes/counseling on budgeting, resale and purchase of next home, and foreclosure prevention. HHC is affiliated with a nonprofit mortgage broker (HHOC Mortgage), created as an earned-income stream, which offers downpayment assistance lending to HHC's clients. The respondent interviewed reported that about 60 percent of HHC's clients are in the low- to moderate-income category and about one-third are self-identified Native Hawaiian. HHC's clients are primarily on Oahu but some are on other islands.

Hawaii Interagency Council on Homelessness. The council includes stakeholders from 25 organizations, including city and county governments, the U.S. Department of Veterans Affairs, and service providers. The purpose of the council is to create a new system in the state to address homelessness.

Hawaiian Community Assets (HCA). HCA, the largest HUD-certified counseling agency in the state, focuses on the needs of Native Hawaiians in general, not only those on the home lands. In its 13-year history, HCA has served more than 13,000 individuals. HCA is also a Native Community Development Financial Institution (CDFI). The focus of HCA's work is in three areas: (1) group housing and financial education; (2) individualized financial counseling; and (3) access to capital, including originating and servicing microloans for debt consolidation, mortgage reinstatement, and so on. HCA currently has a NAHASDA grant through DHHL to provide families with mortgage debt reduction grants. HCA has offices on Oahu, Hawaii Island, Kauai, and Maui.

Helping Hands Hawaii. The mission of this nonprofit organization is to “connect individuals, families, and organizations with essential human and material resources.” Its programs include behavioral health services, bilingual support, housing stabilization services to individuals and families in need (distribution of basic necessities, such as food, clothing, furniture, and basic household items), emergency financial assistance, Supplemental Nutrition Assistance Program assistance, financial and money management counseling, and information and referral to community services that assist low-income Native Hawaiians in addressing emergency needs and obtaining knowledge and tools to help them build self-sufficiency.

Mutual Housing Association of Hawaii. Mutual Housing is a nonprofit property development and management organization that provides affordable rental housing to families living in Hawaii who earn between 80 and 20 percent of HUD median incomes. The organization also integrates supportive social services in the communities they serve. Mutual Housing owns and operates properties on the island of Oahu and one in Lihu'e, on the island Kauai. One staff member interviewed reported that about 15 to 20 percent of the organization's clients are Native Hawaiian (self-identified).

(cont.)

Exhibit C1.1. Stakeholder Organizations (cont.)

Nanakuli Housing Corporation (NHC). NHC is a nonprofit organization founded in the 1980s by an advocate for Native Hawaiian rights with the aim of providing Native Hawaiians with the knowledge and skills to address issues in the community, specifically credit/financial issues, overcrowding, and unsafe homes. NHC has three main programs: (1) financial literacy counseling, (2) self-help home repair and maintenance, and (3) a base yard that sells donated new and used materials for home repair and improvement. NHC recently started another program called “Building Family Homes Affordably” and developed three homes for low-income families. NHC works mostly on Oahu.

Office of Hawaiian Affairs (OHA). OHA, a public agency responsible for improving the well-being of Native Hawaiians, is governed by a board of trustees made up of nine elected members who serve 4-year terms setting policy for the agency. A chief executive officer, who is appointed by the board of trustees, administers OHA. The agency has three overarching objectives: (1) advocating to improve the conditions of Native Hawaiians in the areas of land, culture, economic self-sufficiency, education, governance, and health through research and policy activities; (2) providing resources to support improving conditions for Native Hawaiians, including scholarships, loans (for example, business, home improvement and repair, debt consolidation, and continuing education), and grants to community-based organizations that support the focus of the strategic plan; and (3) facilitating collaboration across the islands to help achieve broad, lasting change in the Hawaiian community. OHA receives some funding from the state legislature, but much comes from land revenues (for example, rental of trust lands). In a general sense, OHA is not a direct service provider; it funds nonprofit organizations to support beneficiaries. Exceptions to this limitation are two loan programs: one is for emergency microloans (medical emergencies, car/home repair, funeral expenses up to \$7,500), and the other is for business, home repair, education, and debt consolidation.

Rural Community Assistance Corporation (RCAC). RCAC is a nonprofit organization that provides training, technical and financial resources, and advocacy in rural communities in the Western United States and the Pacific Islands. RCAC’s services include technical assistance and training for environmental infrastructure; affordable housing development, including self-help housing; economic and leadership development; and community development finance. The organization provides technical assistance to communities and developers. It also sometimes partners with developers, including DHHL, to develop affordable housing. RCAC serves organizations, rather than individuals.

C2. Interview Guide for Stakeholder Discussions

OMB Number: 2528-0288

Expiration Date: 10/31/15

HAWAIIAN STAKEHOLDER TELEPHONE INTERVIEW GUIDE

Introduction/Purpose of the Study

Thank you for agreeing to participate in this interview today.

My name is _____ and I'm a researcher from Econometrica, Inc. an organization located in Washington, DC. I'm am contacting you because the Urban Institute, on behalf of the Department of Housing and Urban Development (HUD), is studying the housing conditions and needs of Native Americans, Alaska Natives, and Native Hawaiians across the United States. The study will describe housing needs and socioeconomic conditions in Indian Country. It will provide HUD with information on how current programs are operating, the extent to which housing needs are being addressed, and demographic and economic trends. It will also answer questions about home ownership in Indian Country and the impacts of the recent financial crisis.

One component of the study specifically addresses the housing conditions and needs of Native Hawaiians.

[Name of stakeholder organization] is one of several organizations selected for interviews because of services you provide to Native Hawaiians or experience, or knowledge you have about one or more of the Native Hawaiian population cohorts. Interviews will cover access to and the condition of affordable housing for Native Hawaiians.

We will use what we learn today and from other interviews to contribute to a report on housing conditions and needs among Native Hawaiians. This report will be submitted to HUD to inform the federal government of housing needs and challenges.

Confidentiality Statement *[Interviewer must read this]:*

Before beginning the interview, I (we) want to thank you for agreeing to participate in this study and remind you that your participation is voluntary. I (we) know that you are busy and will try to be as brief as possible. We have many questions and are going to talk to many different people, so please do not feel as though we expect you to be able to answer every question. The interview today should last about 45 minutes. This interview is not part of an audit or a compliance review. We are interested in learning about your ideas, experiences, and opinions about housing for Native Hawaiians. There are no right or wrong answers.

In addition, before we start, I want to let you know that although we will take notes during these interviews, information is never repeated with the name of the respondent in any reports or in any discussions with supervisors, colleagues, or HUD. When we write our reports and discuss our findings, information from all the people we speak with is compiled and presented so that no one person can be identified.

Do you have any questions before we begin?

INTERVIEW GUIDE

1. Could you tell us your name, the organization you represent, and your position at that organization?
2. What are the purposes and objectives of your organization?
3. What has been the involvement of your organization with Native Hawaiians (NHs) in the state of Hawaii? That would include current and prospective Beneficiaries, as well as the self-identified NH community as a whole.
4. What are the responsibilities of your current position?
5. How long have you been in your current position?
6. Prior to your current position, have you had any prior work or project experience that enabled you to work with the state's Native Hawaiian community?
7. Do you have experience working with the NH community on a statewide basis or only on selected islands or counties? If only on selected islands or counties, please tell us which ones they are.
8. Has your organization coordinates any collaborative efforts with Homestead Associations? (If YES): Could you explain what those efforts involved?
9. In addition to HUD, could you tell me what other types of programs are available to increase the housing stock for Native Hawaiians?
10. In your view, how difficult is it for members of the Native Hawaiian community not living on home lands to find affordable housing? (Difficult, Somewhat Difficult, Not Difficult)
11. In your view, does the affordability of housing available to Native Hawaiians vary significantly by island or county?
[If YES] Please specify the regional variance and the degree of affordability variance across parts of the State.
12. In your view, does the quality of housing currently occupied by the Native Hawaiian community vary significantly by island or county?
[If YES] Please specify the regional variance and the type of housing quality variance across regions.
13. Based on your experience, would you classify the quality of housing on home lands as better than, equal to, or of poorer quality than that available to the Native Hawaiian households not living on home lands? (If response to question 10 indicates regional differences): Discuss by region.
[If poorer quality] Could you indicate the primary types of deficiencies?
14. Based on your experience, would you classify the quality of housing on home lands as better than, equal to, or of poorer quality than that available to the general population in Hawaii? (If response to question 10 indicates regional differences): Discuss by region."
[If poorer quality] Could you indicate the primary types of deficiencies?

15. Based on your experience, would you classify the quality of housing of the non-home lands Native Hawaiian population as better than, equal to, or of poorer quality than that available to the home lands population in Hawaii?
[If poorer quality] Could you indicate the primary types of deficiencies?
16. Based on your experience, would you classify the quality of housing on the non-home lands Native Hawaiian population as better than, equal to, or of poorer quality than that available to the general population living on the same island or in the same county in Hawaii?
[If poorer quality] Could you indicate the primary types of deficiencies?
17. Based on your experience, are there any significant differences in the quality of housing occupied by the Native Hawaiian applicant population and the rest of the Native Hawaiian population?
[If YES] Could you indicate the type of differences?
18. Based on your observations, do you think that a significant number of homestead residences are overcrowded?
[If YES] Does this seem to be more of a problem in some islands than in others?
[If YES] Please indicate the islands where overcrowding is a more significant problem.
19. Do you think that overcrowding is a more significant problem on the home lands than for the Native Hawaiian and general populations not living on the home lands?
[If YES] Please compare and explain.
20. If the level of the overcrowding among the Native Hawaiian population is greater than that of the general population, could you indicate if the overcrowding is more prevalent on some islands than others?
[If YES] Please indicate the islands where overcrowding is a more significant problem.
21. Do you think that homelessness is a significant problem among the Native Hawaiian population in the state?
22. Do you think that the degree of homelessness among the non-homestead resident Native Hawaiian population is greater than, equal to, or less than the general population of the state?
[If greater homelessness among the Native Hawaiian population] Could you indicate the factors that contribute to this variance in the degree of homelessness?
23. What are some ways that Native Hawaiians cope with or adapt to housing problems related to affordability, overcrowding, and quality?
24. From your observations, do the homestead residents have adequate resources to adequately maintain their homes?
[If NO] Could you list the observed items that led you to give this answer?
25. On average, would you judge the support provided by Homestead Associations to their members to be more than adequate, adequate, or less than adequate?
[If less than adequate] Could you indicate the areas where you think they could provide enhanced support?

26. If there is one area in which the Homestead Associations could provide more support to their residents, what area would that be?
27. Do you think that the Homestead Associations have adequately “tapped” external sources of funding?
[If NO] Could you list factors contributing to this less-than-adequate
28. Do you think that the Homestead Associations have achieved an adequate level of coordination with public service agencies in their “border” communities (e.g., public safety, schools)?
[If NO] Could you indicate the areas where there has not been adequate cooperation and/or coordination?
29. Are there any significant barriers to adequate coordination between the Homestead Associations and their “border” communities?
[If YES] Could you indicate what those barriers are?
30. Do you have an estimate of the percentage of total household income that the average Native Hawaiian household must devote to housing expenses?
[If YES] Could you give us that percentage?
31. If you were able to provide an estimate of Native Hawaiian household income devoted to housing, do you think that percentage is greater than, about equal to, or less than the percentage of the general state population?
32. Could you indicate the most critical unmet need facing the Native Hawaiian households living on home lands (either for individual households or for the Associations)?
33. Could you indicate the most critical unmet need facing the Native Hawaiian households not located on home lands?

Is there any topic or issue you think we should have discussed today but has not been mentioned? If there is such an issue, please let us know what it is and why you think it is important.

Thank you for your time and cooperation.

HOMESTEAD ASSOCIATION DIRECTOR INTERVIEW GUIDE

Introduction/Purpose of the Study

Thank you for agreeing to participate in this interview today.

My name is _____ and I'm a researcher from Econometrica, Inc. an organization located in Washington, DC. I'm am contacting you because the Urban Institute, on behalf of the Department of Housing and Urban Development (HUD), is studying the housing conditions and needs of Native Americans, Alaska Natives, and Native Hawaiians across the United States. The study will describe housing needs and socioeconomic conditions in Indian Country. It will provide HUD with information on how current programs are operating, the extent to which housing needs are being addressed, and demographic and economic trends. It will also answer questions about home ownership in Indian Country and the impacts of the recent financial crisis.

One component of the study specifically addresses the housing conditions and needs of Native Hawaiians.

We are contacting all Homestead Associations for interviews for your insights about housing on state-recognized homelands. Interviews will cover housing conditions and needs on the homelands as well as community development efforts on the homelands.

We will use what we learn today and from other interviews to contribute to a report on housing conditions and needs among Native Hawaiians. This report will be submitted to HUD to inform the federal government of housing needs and challenges.

Confidentiality Statement *[Interviewer must read this]:*

Before beginning the interview, I (we) want to thank you for agreeing to participate in this study and remind you that your participation is voluntary. I (we) know that you are busy and will try to be as brief as possible. We have many questions and are going to talk to many different people, so please do not feel as though we expect you to be able to answer every question. The interview today should last about 45 minutes. This interview is not part of an audit or a compliance review. We are interested in learning about your ideas, experiences, and opinions about housing for Native Hawaiians. There are no right or wrong answers.

In addition, before we start, I want to let you know that although we will take notes during these interviews, information is never repeated with the name of the respondent in any reports or in any discussions with supervisors, colleagues, or HUD. When we write our reports and discuss our findings, information from all the people we speak with is compiled and presented so that no one person can be identified.

Do you have any questions before we begin?

INTERVIEW GUIDE

1. What is your current position title at this Homestead Association?
2. What are the duties and responsibilities of your office?
3. How long have you been in your current position?
4. Did you ever serve in this position prior to your current term?
[If YES] When and for how long?
5. What is the approximate acreage of your home lands?
6. Could you briefly explain the objectives and activities of your Homestead Association?
7. On your homestead, how many families currently live in homes on a residential homestead?
8. Do you have any pastoral or agricultural homesteads within your allotted area?
[If YES] Are there any occupied residences on those homesteads?
[If YES] How many?
9. Is there any active cultivation or use of your agricultural and pastoral homesteads?
[If YES] Could you please describe these activities.
10. Do these activities result in commercial sale of products outside the homestead area?
[If YES] Please describe.
11. Are there any commercial leases on your homestead lands?
[If YES] Could you please list them for me?
12. Do you know if these commercial leases have resulted in any employment for homestead land residents?
[If YES] Please describe.
13. On an annual basis, how much money do these commercial leases provide directly to your Association?
14. Is your Association actively pursuing additional commercial leases?
[If NO] Could you explain why not? If yes, could you explain why and what types of leases you are pursuing?
15. Do you have household data for your residents?
[If YES] Could you estimate the average household income for your member residents?
16. How old are the residences on your home lands? Perhaps you could give us a range of ages of the residences on your home lands, from the oldest to the newest?
17. Based on your observations, do you see a need for construction of new residences on your home lands?
[If YES] Can you estimate the percentage of your homesteads where new construction would be warranted?

18. In your opinion, is overcrowding a significant problem within the households on your home lands?
[If YES] Could you estimate the percentage of households on your home lands where overcrowding is a problem (and please explain your measure of overcrowding)?
19. In your opinion, is overcrowding in some cases a “masking” of a condition of homelessness for some individuals or households?
[If YES] Would you say that homelessness is a major, contributing, or minor factor in the overcrowding you observe on your home lands?
20. What is the amount of your annual grant from the Department of Hawaiian Homelands (DHHL)?
21. Is your Association currently receiving any funds from any other state or federal agencies?
[If YES] Could you tell us what the agencies are and the approximate amount of the funding you are receiving from each agency?
22. Does your association currently have any other external sources of funding from nonprofit institutions or funds obtained from capital markets?
[If YES] Could you tell us what those funding sources are and how you intend to use those funds?
23. Does your Association currently have any short- or mid-term plans for one or more major community development efforts?
[If YES] Could you briefly describe those planned efforts and also tell us the likely sources of funding?
24. Overall, are the residences on your home lands maintained well?
[If NO] What is the major reason for the poor maintenance (e.g., low household income, lack of access to necessary services, etc.)?
25. Does your organization provide any support to residences for maintenance?
[If YES] Could you describe these services?
26. Does any other organization or program provide maintenance services to households?
[If YES] Could you describe the organizations/programs and the services they provide?
27. In your opinion, do the households on your home lands have adequate access to health services?
[If YES] could you tell us what services are readily available to households? If no, could you tell us what are the barriers to households’ obtaining adequate access?
28. In your opinion, do social problems, such as substance abuse or youth gang activities, have a measurable impact on the quality of housing on your home lands?
[If YES] Could you describe the impact you have observed?
29. Is the Association involved in any programs to address problems such as substance abuse or gang activity?
[If YES] Could you describe those programs?

30. Do you think that your home lands need additional support in addressing problems such as substance abuse and gang activity?
[If YES] Could you describe the type of additional support you need?
31. Could you estimate the number of households on your home lands that do not have sufficient income to cover their basic household expenses, such as utilities and standard maintenance activities?
32. Do you have any data on the number of residences on your home lands that have either a major structural deficiency or health hazard?
[If YES] could you tell us what percentage of your homes have a major deficiency?
What is the most common deficiency in your homestead housing stock?
33. Do your households have adequate access to services and funding to address these deficiencies?
[If NO] could you describe the major barriers the residents face in obtaining the needed services and funding?
34. Do all of the residences on your homestead have what are considered as standard features of modern residences, such as running water, indoor plumbing, and electricity in all parts of a residence?
[If NO] Could you tell us what percentage of your residences lack one or more of these standard features?
35. Do the households on your homestead have adequate access to mortgage capital for construction, maintenance, or rehabilitation?
[If NO] If there is not adequate access, what are the major barriers to obtaining the needed access?
36. In your opinion, do you have an adequate level of cooperation with the “border” communities next to your homestead to provide such items as public safety services and schooling?
[If NO] What steps do you think should be taken to improve the situation?
37. How have infrastructure items, such as roads and water lines, been funded in the past? Do you think that this funding process was adequate, or do you see a need for a new strategy or sources to fund infrastructure?
38. In your opinion, what is the most critical unmet need, related to the quality of housing, on your home lands? Why is this item the most critical unmet need?
39. Are there any topics/issues that we have not covered in this interview that you think we should talk about? Please explain why you think these topics or issues are important.

Thank you for your time and cooperation.

DEPARTMENT OF HAWAIIAN HOMELANDS (DHHL) INTERVIEW GUIDE

Introduction/Purpose of the Study

Thank you for agreeing to participate in this interview today.

My name is _____ and I'm a researcher from Econometrica, Inc. an organization located in Washington, DC. I'm am contacting you because the Urban Institute, on behalf of the Department of Housing and Urban Development (HUD), is studying the housing conditions and needs of Native Americans, Alaska Natives, and Native Hawaiians across the United States. The study will describe housing needs and socioeconomic conditions in Indian Country. It will provide HUD with information on how current programs are operating, the extent to which housing needs are being addressed, and demographic and economic trends. It will also answer questions about home ownership in Indian Country and the impacts of the recent financial crisis.

One component of the study specifically addresses the housing conditions and needs of Native Hawaiians.

We are interviewing managers and administrators within DHHL for your insights about administration of housing programs supported by the state. Interviews will cover housing conditions and needs and operations under the block grant.

We will use what we learn today and from other interviews to contribute to a report on housing conditions and needs among Native Hawaiians. This report will be submitted to HUD to inform the federal government of housing needs and challenges.

Confidentiality Statement *[Interviewer must read this]:*

Before beginning the interview, I (we) want to thank you for agreeing to participate in this study and remind you that your participation is voluntary. I (we) know that you are busy and will try to be as brief as possible. We have many questions and are going to talk to many different people, so please do not feel as though we expect you to be able to answer every question. The interview today should last about 45 minutes. This interview is not part of an audit or a compliance review. We are interested in learning about your ideas, experiences, and opinions about housing for Native Hawaiians. There are no right or wrong answers.

In addition, before we start, I want to let you know that although we will take notes during these interviews, information is never repeated with the name of the respondent in any reports or in any discussions with supervisors, colleagues, or HUD. When we write our reports and discuss our findings, information from all the people we speak with is compiled and presented so that no one person can be identified.

Do you have any questions before we begin?

1. Could you please tell us what your position is at DHHL and what your responsibilities are?
2. How long have you been in your current position, and what is the total amount of time you have worked at DHHL?
3. Based on your observation of residences on homestead lands, would you rate the quality of the housing as adequate or inadequate? Why?
4. Do you know of any residences on homesteads that lack features such as running water, indoor plumbing, or electricity in every room?
[If YES] Could you estimate the percentage of residences that lack such features?
5. Do you have any data or information that indicates the percentage of household income that home lands residents must devote to their leases and other household expenses?
[If YES] Could you tell us what the percentage is and what your data source is?
6. In your experience, have problem behaviors such as substance abuse or youth gang activities been a problem on the home lands?
[If YES] Had this activity results in significant damage to residences?
[If YES]: Is this damage a major ongoing cost item for households, DHHL, and other service providers?
7. Can you provide an estimate of the percentage of home lands households that you consider to be overcrowded? Also, could you please indicate your standard of overcrowding?
8. Do you think that some cases of overcrowding may “mask” the homelessness of some household members? Why or why not?
9. What is your estimate of the adequacy of the infrastructure (roads, water/sewer lines) currently available to homestead residents?
10. In your opinion, do home lands residents have adequate access to sources of mortgage capital to maintain and/or rehabilitate their homes?
[If NO] Could you list the barriers to their getting such access?
11. Based on your observations, on the whole, do you think that home lands residences are adequately maintained?
[If NO] Could you list the factors that contribute to poor maintenance?
12. Based on your experience, do you think that the home lands communities receive adequate support from their “border” communities (e.g., public safety, schooling)?
[If NO] Could you tell us the service areas in which there is inadequate support?
13. Apart from DHHL, what are the other funding sources that are “tapped” by the Homestead Associations?
14. In your opinion, are there any components of the current Native Hawaiian Housing Block Grant legislation that significantly limit the ability of homestead households and Associations to obtain needed financing?
[If YES] Could you describe those limitations?

15. If you could make one change to the existing Native Hawaiian Housing Block Grant legislation, what would it be?
16. Based on your observations, do the Native Hawaiians currently on the DHHL “waiting list” have housing that is superior to, equal to, or inferior to that of Native Hawaiians living on home lands? Please explain.
17. Have you or your office observed a significant degree of homelessness among the Native Hawaiian population not living on home lands (this would include the Native Hawaiian population not eligible for homestead leases)? Please explain.
18. How difficult is it for the Native Hawaiian population not living on home lands to find affordable housing (i.e., housing that would not require more than 30% of the household’s standard monthly income)? (Very difficult, Difficult, Sometimes Difficult, Most Often Not a Problem)
[If always very difficult OR always difficult] Could you tell us the communities where this “affordability” problem is most acute?
19. Have you observed any noticeable differences between the quality of housing enjoyed by the Native Hawaiians eligible for home lands leases and by those not eligible?
[If YES] please describe the differences you have observed.
20. Are there any support services currently not provided by DHHL to homesteads that, if provided, would significantly enhance the quality of home lands-based housing?
[If YES] Please indicate why there is a need for such a support service.
21. In your opinion, what is the greatest unmet need in the home lands residential communities? Why is this a critical need?
22. Is there any topic or issue you think we should have discussed today but has not been mentioned? If there is such an issue, please let us know what it is and why you think it is important.

Thank you for your time and cooperation.

U.S. Department of Housing and Urban Development
Office of Policy Development and Research
Washington, DC 20410-6000



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