

Hawaii Economic Issues

Periodic research and data reports on issues of current interest
State of Hawaii - Department of Business, Economic Development & Tourism
Research & Economic Analysis Division



Data Report 2011

GEOGRAPHIC AREA STATISTICS

Income, Employment, Education, and Housing Characteristics of Public Use Microdata Areas (PUMAs) in Hawaii from 2005 to 2008

Introduction

This report presents selected economic, social, and housing characteristics of geographical areas in Hawaii known as Public Use Microdata Areas (PUMAs).

Data in this report are mainly from the American Community Survey (ACS) conducted by the U.S. Census Bureau and can be found at the Census Bureau's website at <http://www.census.gov/acs/www/>.

As defined by the Census Bureau, there are nine Public Use Microdata Areas (PUMAs) in Hawaii.

The Island of Oahu is composed of seven PUMA's (PUMA 301 through PUMA 307).

Because geographic areas have to meet a threshold population of 100,000 or more, Maui, Kalawao and Kauai Counties are combined into one PUMA area (PUMA 100).

Previous ACS data (prior to 2005) were available only for areas with population of 250,000 or more. Therefore, this report covers years from 2005 to 2008.

Note that in some tables, data for both the state of Hawaii and the U.S. as a whole are presented.

PUMAs	Area	Detail description of area
100	Maui County, Kalawao County and Kauai County	Maui County, Kalawao County and Kauai County
200	Hawaii County	Hawaii County
301	Rural Oahu	Waianae, Wahiawa, North Shore and Koolauloa.
302	Koolaupoko	Kahaluu, Kaneohe, Kailua, Waimanalo and Mokapu
303	Makapuu-Manoa Stream	Hawaii Kai, Kuliouou-Kalani Iki, Waialae-Kahala, Kaimuki, Diamond Head/Kapahulu/St Louis Heights and Palolo
304	Manoa-Waikiki-Kakaako-Tantalus	Manoa, McCully, Moiliili, Waikiki, Makiki, Lower Punchbowl, Tantalus, Ala Moana and Kakaako
305	Pauoa-Downtown-Kalihi	Nuuanu, Punchbowl, Downtown, Liliha, Kapalama, Kalihi, Palama and Kalihi Valley
306	Moanalua-Airport-Pearl City	Moanalua, Aliamanu, Salt Lake, Foster Village, Airport, Aiea, Waimalu and Pacific Palisades
307	Mililani-Waipahu-Ewa	Waiawa, Waipahu, Ewa, Mililani, Waipio, Melemanu, Makakilo, Kapolei, Honokai Hale, Mililani Mauka and Launani Valley



Table of Contents

Income and poverty	3
Table A-1. Household income: 2005 to 2008	9
Table A-2. Family income: 2005 to 2008	10
Table A-3. Household income distribution: 2005 to 2008	11
Table A-4. Percentage of families with income in the past 12 months below the poverty level: 2005 to 2008	12
Table A-5. Percentage of people whose income in the past 12 months below the poverty level: 2005 to 2008	15
Figure A-1. Median household income: 2005 to 2008	5
Figure A-2. Per capita income: 2005 to 2008	6
Figure A-3. Household income distribution: 2005 to 2008	7
Figure A-4. Gini coefficient and Kuznets ratio: 2005 to 2008	8
Employment	14
Table B-1. Employment status: 2005 to 2008	15
Table B-2. Employment by occupation: 2005 to 2008	16
Table B-3. Employment by industry: 2005 to 2008	17
Table B-4. Class of worker: 2005 to 2008	19
Education	20
Table C-1. School enrollment by type of school by grade level: 2005 to 2008	21
Table C-2. Education attainment by employment status for the population 25 to 64 years: 2005 to 2008	23
Table C-3. Characteristics of public school student: 2005 to 2008	24
Table C-4. Percent of 10 th graders with Terra Nova Test at average or above: 2005 to 2008	25
Figure C-1. Share of students enrolled in public school: 2005 to 2008	20
Housing and Vehicles	26
Table D-1. Housing characteristics: 2005 to 2008 (% of total housing units)	27
Table D-2. Housing occupancy: 2005 to 2008	30
Table D-3. Selected monthly owner costs for the housing units with a mortgage: 2005 to 2008	31
Table D-4. Monthly gross rent: 2005 to 2008	32



A. Income and Poverty

Three indicators are often used to describe the income level of the population;

- household income,
- family income, and
- per capita income.

A household is defined as all persons occupying a housing unit. Specifically, a household includes related family members and all other unrelated persons such as lodgers, foster children, wards, or students who share the housing unit.

A household also includes persons living alone in a housing unit or two or more unrelated persons sharing a housing unit.

A “family” is a subset of households that includes two or more persons related by birth, marriage, or adoption and residing together. All such persons are considered members of one family.

The sum of income of all the persons in a household is “household income.”

Likewise, the sum of income of all family members is “family income.”

For analysis of income distribution, household income is often used because it is considered the basic spending unit. However, due to different sizes of households, the income of one household may not be comparable with another. For example, a household with 2 persons and \$100,000 household income is wealthier than another household of 10 persons with the same amount of household income.

Per capita income (total income divided by the number of persons), may be a better measure for comparing income levels between areas.

“Median income” refers to the income of the household, family or person exactly in the middle of the entire income range. That is, there are an equal number of households, families or persons making more and less.

This differs from “average” income, which is simply total income divided by the number of households, families or persons. The *median* measure tends to be less affected than the *average* measure by unusually large numbers of high or low income earners in the population.



Household income in Manoa-Waikiki-Kakaako-Tantalus (PUMA 304) was lower than the U.S. median household income between 2005 and 2008.

The lower household income in this area may be due to the large proportion of one-person households in the area. Householders living alone in the U.S. accounted for 27.8 percent of the total U.S. households in 2008¹. On the other hand, those living alone in PUMA 304 accounted for 43.3 percent in 2008 of the area's total households. Data for this particular group for other years showed similar results.

	United States				PUMA 304			
Household size	2005	2006	2007	2008	2005	2006	2007	2008
1-person household	27.1	27.3	27.3	27.8	43.6	47.2	49.0	43.3

In terms of **per capita income**, this area had the third highest per capita income in 2008 and the second highest per capita income in 2006 and 2007 among the PUMAs in Hawaii (Table A-2).

Median household income in Hawaii in 2008 was \$67,214, 29.2% higher than the U.S. level. Among PUMAs in Hawaii, Koolau-poko (PUMA 302) had the highest median household income at \$86,074 in 2008, 28.1% higher than the state level. Between 2005 and 2007, this area had the second highest median household income among all PUMA areas. Mililani-Waipahu-Ewa (PUMA 307) had the highest median household income in 2007, and Makapuu-Manoa stream (PUMA 303) had the highest median household income in 2006 and 2005 (Table A-1).

PUMA 302 and 303 were the only areas in which more than 10 percent of the households had income of \$200,000 or more in 2008. Although only around 4 percent of the households in Mililani-Waipahu-Ewa fell into the income range of \$200,000 or more, 56.0% of the households in this area had income of \$75,000 or more (Table A-1). Rural Oahu had the lowest per capita income in the state at \$22,939 in 2008, about 22% lower than the state level (Table A-2).



Source: U.S. Census Bureau, American Community Survey (annual), Detailed Tables <http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ACS&_submenuId=&_lang=en&_ts=> calculations by the Hawaii State Department of Business, Economic Development & Tourism.



Figure A-1. Median Household Income: 2005 to 2008

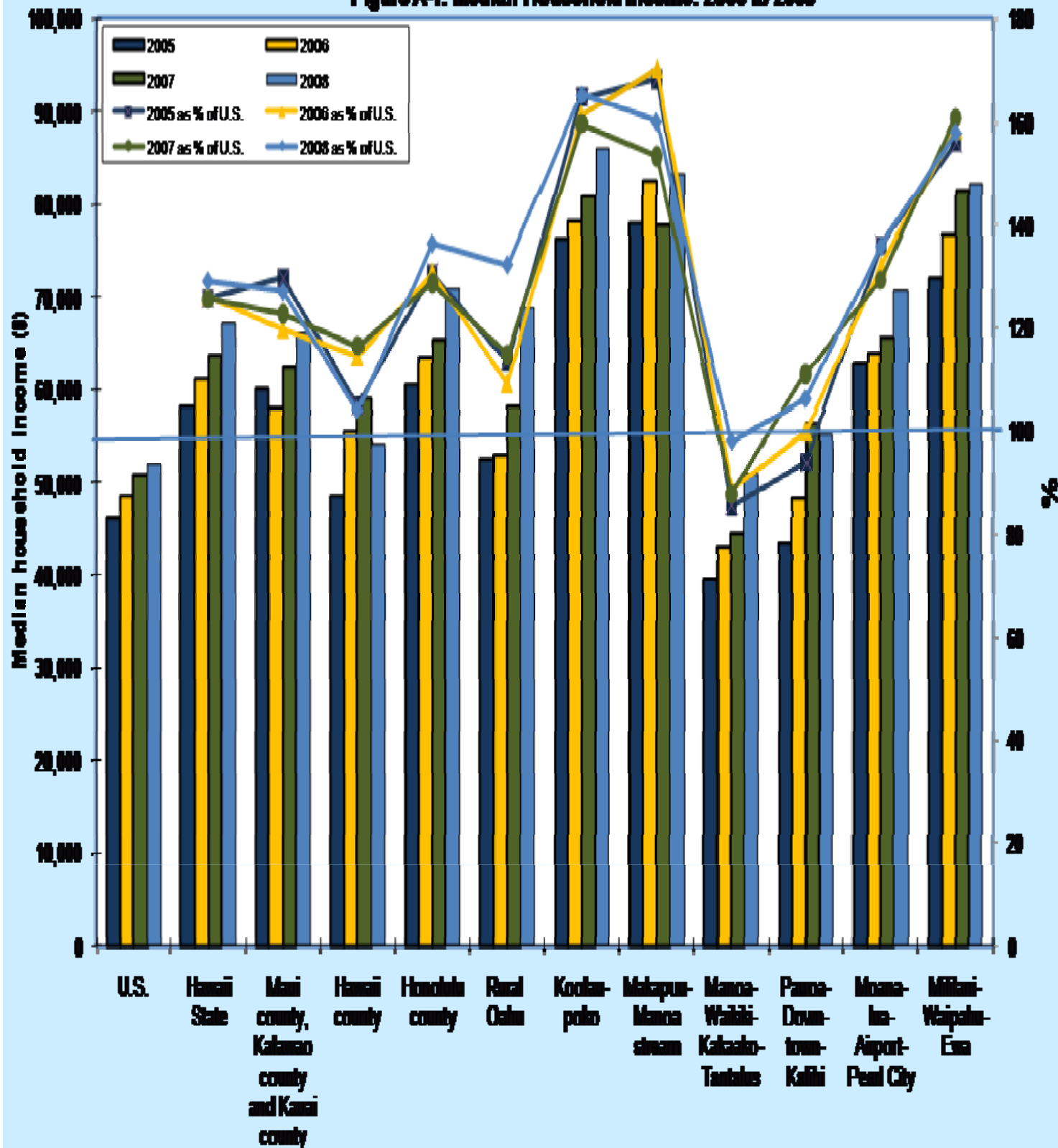




Figure A-2. Per Capita Income: 2005 to 2008

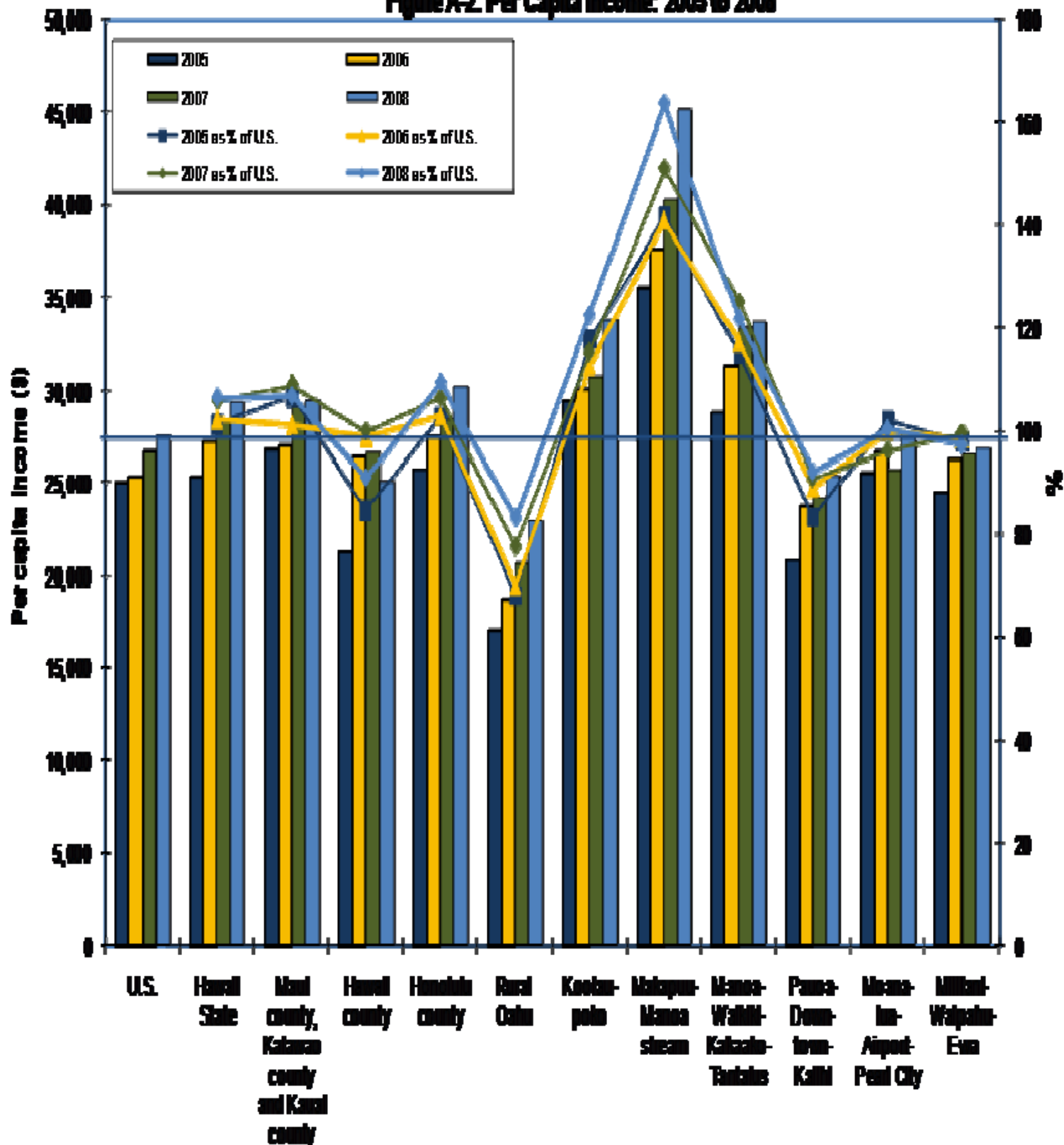




Figure A-3. Household Income Distribution: 2005 to 2008

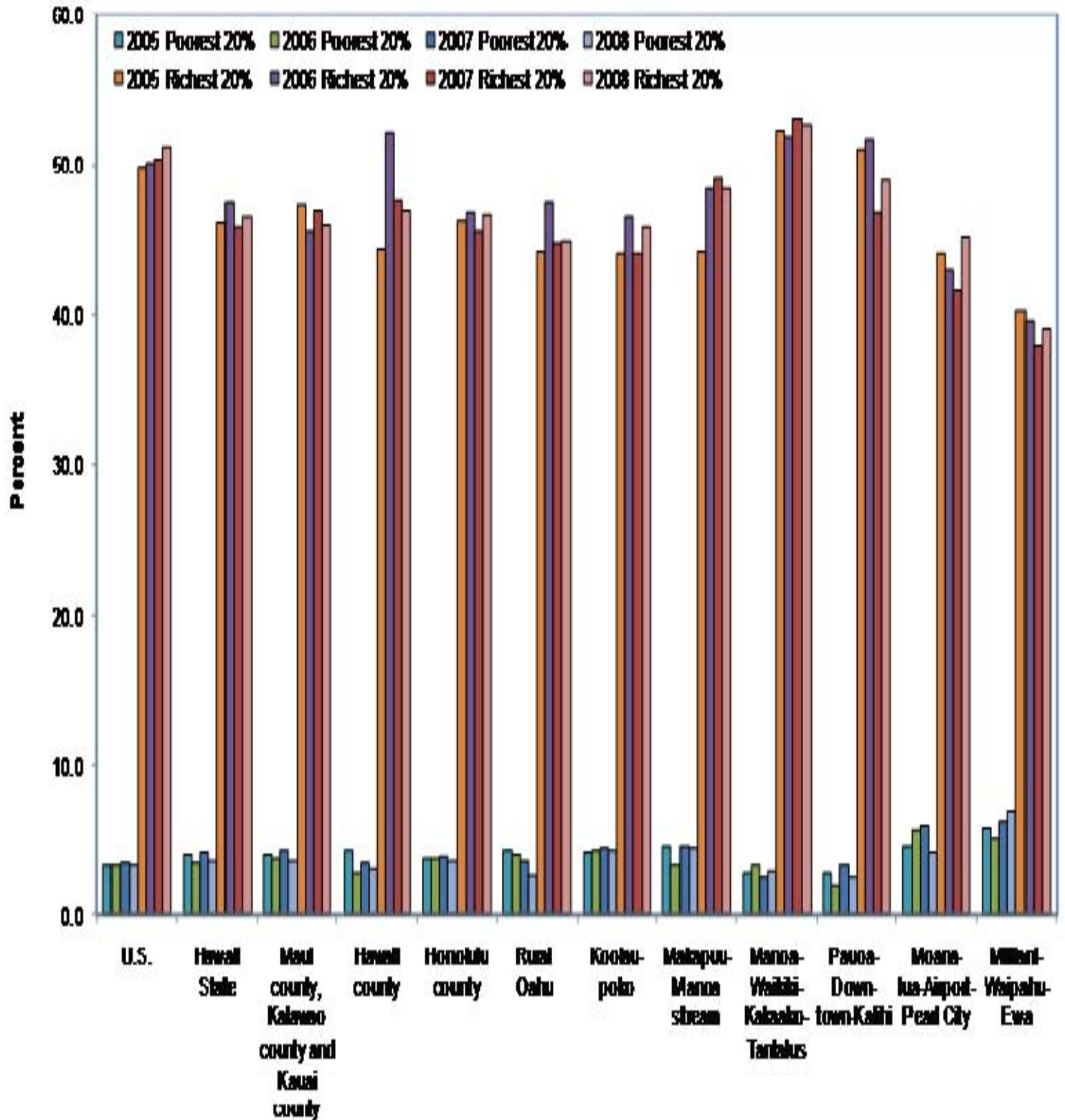
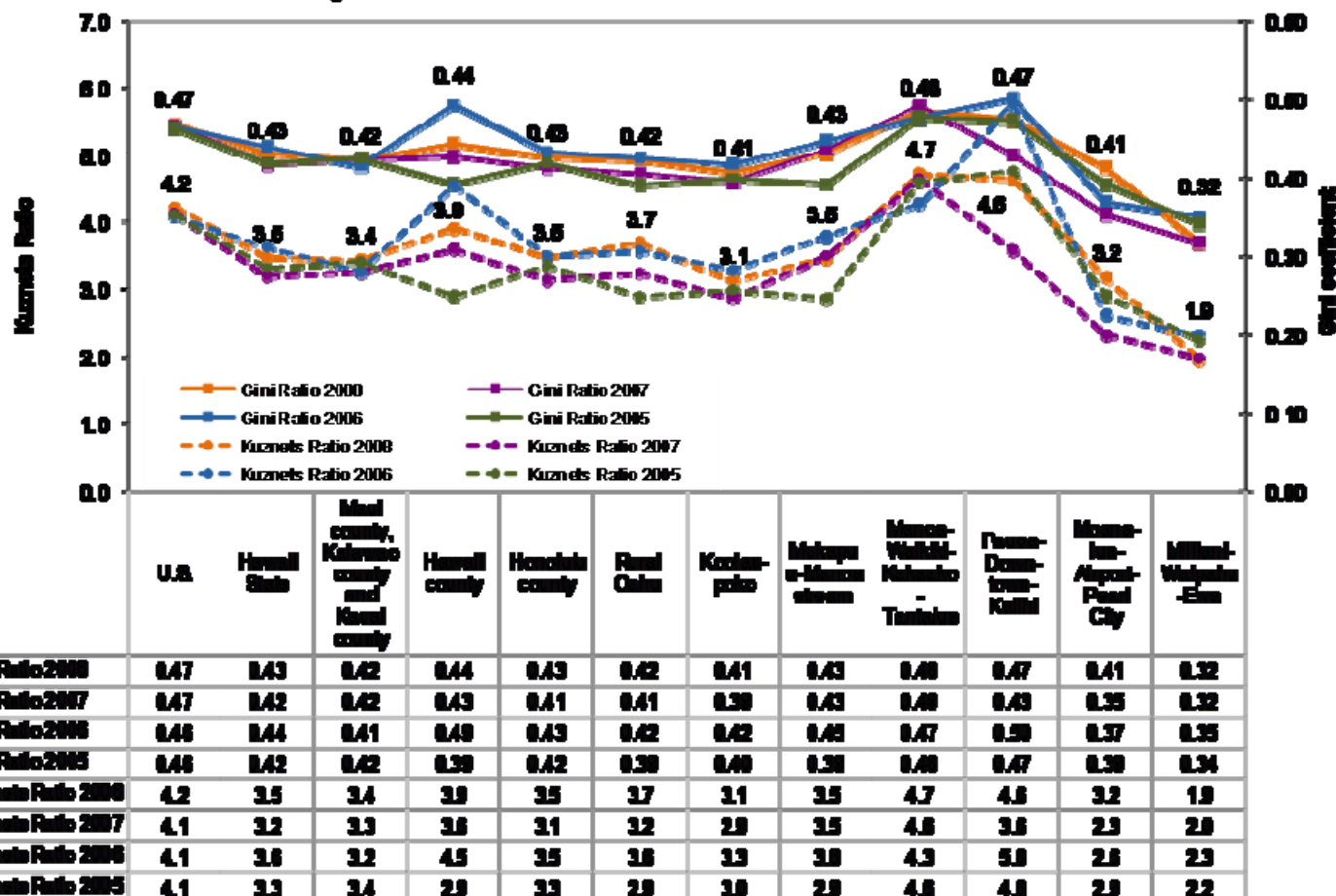




Figure A-4. Gini Coefficient and Kuznets Ratio: 2005 to 2008



To measure how equally income is distributed in a particular area, the Gini coefficient is commonly used. The Gini Coefficient is a summary measure that expresses the degree of overall equality or inequality present in an income distribution and ranges from 0 to 1. 0 indicates perfect income equality, meaning that income of every household in a particular area is exactly the same.

On the other hand, a Gini coefficient of 1 indicates absolute inequality of income distribution; that is, a single household earns all of the income in the economy. The Gini coefficient is derived from household income data.

Manoa-Waikiki-Kakaako-Tantalus area (PUMA 304) had the highest Gini coefficient of 0.48 in 2008, indicating that household income in this area was the most unequally distributed among all the PUMAs in Hawaii in 2008. As indicated by the value of the Gini coefficient that was 0.32, household income was more evenly distributed in PUMA 307 (Mililani-Waipahu-Ewa) in 2008 than in other areas.

Another measure of income inequality is the Kuznets Ratio. This is the ratio of the income received by the top 20%, compared to the bottom 40% of the household. The higher the ratio, the higher the proportion of income that is earned by the richest 20% of household. PUMA 304 (Manoa-Waikiki-Kakaako-Tantalus) had the highest Kuznets Ratio in the state (least equal income distribution), while PUMA 307 (Mililani-Waipahu-Ewa) had in the lowest ratios (more equal distribution) 2008. These results are consistent with those revealed by using the Gini coefficient.



Source: U.S. Census Bureau, American Community Survey (annual), Economic Characteristics, http://factfinder.census.gov/servlet/Data?_lang=en&_ss=AC&_ds=ac000004&_tid=ac000004



Source: U.S. Census Bureau, American Community Survey (annual), Economic Characteristics.
http://factfinder.census.gov/servlet/Data/HDPeTable?_lang=en&_ss=ACES; subtableid=2; lang=en; s=0.



Table A-3. Household Income Distribution: 2005 to 2008

Category	U.S.	State	Mauai county, Kalawao county and Kauai county	Hawaii county	Honolulu county	Rural Oahu	Koolau- poko	Makapuu- Mannan stream	Mannan- Waikiki- Kakaako- Tantalus	Puuwe- Down- town- Kalihi	Moama- lani- Airport- Pearl City	Maunaloa- Waipahoehoe
2005	% of Total Household Income Going to Each Fifth of Households											
% of Households												
Poorest 20%	3.3	3.5	3.5	3.0	3.6	2.6	4.2	4.4	2.9	2.5	4.1	6.7
2nd 20%	8.8	9.9	9.9	9.0	9.8	9.5	10.5	9.6	8.3	8.0	10.1	13.2
3rd 20%	14.6	15.6	17.0	16.2	16.5	17.9	16.3	14.6	14.2	14.7	16.6	18.0
4th 20%	22.1	24.5	23.7	24.9	23.5	25.1	23.2	23.1	22.0	25.9	24.1	23.2
Richest 20%	51.1	40.5	45.9	40.9	46.6	44.8	45.8	48.3	52.6	48.8	45.1	38.9
Gini ratio	0.47	0.43	0.42	0.44	0.43	0.42	0.41	0.43	0.48	0.47	0.41	0.32
Kuznets ratio	4.2	3.6	3.4	3.9	3.6	3.7	3.1	3.6	4.7	4.6	3.2	1.9
2007	% of Total Household Income Going to Each Fifth of Households											
% of Households												
Poorest 20%	3.4	4.0	4.7	3.4	3.8	3.6	4.3	4.4	2.5	3.7	5.9	6.7
2nd 20%	8.8	10.3	10.2	9.9	10.7	10.2	11.0	9.6	9.0	9.8	12.1	13.0
3rd 20%	14.7	16.1	15.5	16.7	16.1	16.9	16.9	15.7	13.3	16.7	16.7	18.6
4th 20%	22.7	23.8	23.3	22.5	23.9	24.5	23.6	21.8	22.2	23.4	23.8	24.3
Richest 20%	50.4	45.8	46.8	47.6	45.5	44.7	44.1	49.0	53.0	46.8	41.6	37.9
Gini ratio	0.47	0.42	0.42	0.43	0.41	0.41	0.39	0.43	0.48	0.43	0.36	0.32
Kuznets ratio	4.1	3.2	3.3	3.8	3.1	3.2	2.9	3.6	4.6	3.6	2.3	2.8
2008	% of Total Household Income Going to Each Fifth of Households											
% of Households												
Poorest 20%	3.3	3.4	3.6	2.7	3.7	4.0	4.2	3.3	3.3	1.9	5.5	5.0
2nd 20%	9.0	9.7	10.4	8.7	9.8	9.3	10.0	9.5	8.8	7.1	10.9	12.1
3rd 20%	14.8	15.8	16.4	13.7	15.8	16.4	16.1	15.7	14.2	14.1	17.1	17.1
4th 20%	22.8	23.7	24.1	22.7	24.0	22.9	23.3	23.2	21.8	25.2	23.5	26.1
Richest 20%	50.1	47.4	45.5	52.1	46.8	47.4	46.4	48.4	51.9	51.7	42.9	39.6
Gini ratio	0.46	0.44	0.41	0.49	0.43	0.42	0.42	0.46	0.47	0.50	0.37	0.36
Kuznets ratio	4.1	3.6	3.2	4.5	3.6	3.6	3.3	3.8	4.3	6.8	2.6	2.3
2006	% of Total Household Income Going to Each Fifth of Households											
% of Households												
Poorest 20%	3.3	3.9	3.9	4.2	3.7	4.3	4.1	4.5	2.7	2.7	4.5	5.8
2nd 20%	8.8	10.0	10.0	11.1	10.1	11.0	10.6	11.0	8.6	8.0	10.7	12.3
3rd 20%	14.9	15.9	15.8	16.4	16.1	16.5	16.1	15.9	13.4	14.9	16.6	17.6
4th 20%	23.1	24.1	23.0	24.1	23.8	24.1	25.1	24.3	23.0	23.4	24.1	24.1
Richest 20%	49.9	46.0	47.3	44.3	46.2	44.1	44.0	44.2	52.3	51.0	44.1	40.2
Gini ratio	0.46	0.42	0.42	0.39	0.42	0.39	0.40	0.39	0.48	0.47	0.39	0.34
Kuznets ratio	4.1	3.3	3.4	2.9	3.3	2.9	3.9	2.9	4.6	4.9	2.9	2.2

Source: U.S. Census Bureau, 2005-2007 American Community Survey Public Use Microdata Sample (PUMS).
http://factfinder.census.gov/servlet/Data?_lang=en&_ts=...
 calculations by the Hawaii State Department of Business, Economic Development & Tourism.



12





B. Employment

Hawaii had a labor force participation rate of 67.5% in 2008, slightly higher than the 65.9% rate for the nation. Mililani-Waipahu-Ewa area had the highest labor force participation rate at 71.5%, followed by Maui and Kauai Counties at 69.9%. Pauoa-Downtown-Kalihi had the lowest labor force participation rate at 61.4% in the same year (Table B-1).

For all four years, 2005-2008, Rural Oahu (PUMA 301) had the highest unemployment rate among the PUMAs. In 2008, the unemployment rate in this area was 6.7% while the rates in 2005 to 2007 hit more than 8.0 percent. Rural Oahu is also the only PUMA in Hawaii that had an unemployment rate higher than the national average for the past four years (Table B-1).

Over 40 percent of the workers were engaged in management, professional and related occupations in Makapuu-Manoa Stream (PUMA 303) during the past four years (Table B-2), much higher than the state average of between 33.1% and 32.2% and the national average of around 34 percent during the same periods.

There were more government workers in Moanalua-Airport-Pearl City (PUMA 306), Mililani-Waipahu-Ewa (PUMA 307), Rural Oahu (PUMA 301), and Koolaupoko (PUMA 302) areas - perhaps because these areas are close to military bases.

In 2008, government workers in the Moanalua-Airport-Pearl City area accounted for 27.4 percent of the total area workforce (Table B-4).

Four areas on Oahu had high percentages of Armed Forces. These areas were Moanalua-Airport-Pearl City (PUMA 306), Mililani-Waipahu-Ewa (PUMA 307), Koolaupoko (PUMA 302), and Rural Oahu (PUMA 301).

19.7 percent of the labor force consisted of Armed Forces members in PUMA 306,
12.8 percent in PUMA 302,
12.4 percent in PUMA 301 and
10.3 percent in PUMA 307 in 2008
(Table B-1).

Two other areas had slightly less than 10% who were in the Armed Forces in 2007. The share of armed forces in 2005 was much lower than in 2006, 2007 and 2008 because 2005 data did not include military barracks and other group housing units.





Table B-1. Employment Status: 2005 to 2008

	U.S.	Hawaii State	Maua county, Kauai county and Kauai county	Hawaii county	Honolulu County	Rural Oahu	Koolau- poko	Maui Maui Maui	Maui- Waikiki- Kalahele- Tantalus	Paia- Down- Kalihi	Maui- Airport- Pearl City	Maui- Waipahu- Ewa
2008												
Population 16 years and over	238,764,455	1,037,731	166,821	142,111	728,799	79,648	94,080	85,342	110,271	87,125	108,200	164,153
In labor force	157,485,113	700,710	116,557	94,714	489,439	55,065	65,346	54,243	72,879	53,472	71,030	117,404
Civilian labor force	156,225,077	698,904	115,633	94,680	488,611	48,255	56,985	54,012	72,390	52,655	57,012	105,322
Employed	146,286,253	630,229	109,476	90,151	430,802	45,031	55,160	52,821	69,739	50,907	55,394	101,550
Unemployed	9,958,824	28,675	6,157	4,509	16,009	3,224	1,805	1,191	2,651	1,748	1,618	3,772
Armed Forces	1,240,036	43,806	924	54	42,828	6,810	8,361	231	489	817	14,018	12,082
Not in labor force	81,299,342	337,021	50,264	47,397	239,360	24,583	28,734	31,099	37,392	33,653	37,170	46,749
Unemployment rate	6.4	4.1	5.3	4.8	3.6	6.7	3.2	2.2	3.7	3.3	2.8	3.6
2007												
Population 16 years and over	236,416,572	1,030,247	164,216	138,584	727,447	77,881	95,226	87,405	94,659	86,626	109,210	176,440
In labor force	153,212,564	673,524	113,363	89,159	470,982	48,799	62,921	54,170	59,261	50,262	71,546	124,023
Civilian labor force	152,211,303	635,985	113,185	88,619	434,161	44,629	56,986	53,529	58,015	49,986	61,344	109,692
Employed	142,588,118	607,108	108,025	83,838	415,245	40,974	54,480	52,287	55,243	48,289	58,602	105,370
Unemployed	9,623,185	28,877	5,160	4,781	18,916	3,655	2,496	1,242	2,772	1,697	2,742	4,322
Armed Forces	1,001,261	37,539	198	540	36,821	4,170	5,955	641	1,246	276	10,202	14,331
Not in labor force	83,204,008	356,723	50,833	49,425	256,465	29,082	32,305	33,235	35,398	36,364	37,664	52,417
Unemployment rate	6.3	4.5	4.6	5.4	4.4	8.2	4.4	2.3	4.8	3.4	4.5	3.9
2006												
Population 16 years and over	234,243,983	1,023,610	161,792	136,796	725,020	88,456	99,686	90,536	92,576	88,124	105,843	159,787
In labor force	152,193,214	675,895	112,363	91,433	472,099	58,926	66,916	55,672	59,084	50,633	68,259	112,609
Civilian labor force	151,203,992	638,345	112,307	91,433	434,805	49,206	60,027	55,400	57,706	50,320	57,202	104,744
Employed	141,501,434	610,394	109,288	87,092	414,034	45,242	57,504	53,674	55,757	48,893	55,377	99,387
Unemployed	9,702,558	27,951	3,039	4,341	20,771	3,984	2,523	1,526	1,949	3,427	1,825	5,357
Armed Forces	989,222	37,550	56	-	37,494	9,720	6,889	272	1,378	313	11,057	7,865
Not in labor force	82,050,769	347,715	49,429	45,365	252,921	29,530	32,769	34,866	33,492	37,491	37,584	47,178
Unemployment rate	6.4	4.4	2.7	4.7	4.7	8.1	4.2	2.8	3.4	6.8	3.2	5.1
2005												
Population 16 years and over	223,524,814	971,888	156,760	128,343	686,785	75,537	87,086	86,220	98,089	86,206	104,828	148,829
In labor force	147,299,391	631,607	111,055	79,218	441,334	47,759	58,202	54,415	62,531	48,675	66,337	103,415
Civilian labor force	146,576,413	609,686	110,763	79,170	419,733	44,588	54,989	54,222	61,658	47,970	59,915	98,391
Employed	136,458,810	582,731	108,115	75,541	401,075	40,661	52,736	52,987	58,305	47,000	57,048	92,338
Unemployed	10,117,603	26,955	4,648	3,629	18,658	3,927	2,253	1,235	3,353	970	2,867	4,053
Armed Forces	722,978	21,941	292	48	21,601	3,171	3,213	193	873	705	6,422	7,024
Not in labor force	76,225,423	340,281	45,705	49,125	245,451	27,778	28,884	31,805	35,538	37,531	38,491	45,414
Unemployment rate	6.9	4.4	4.2	4.6	4.4	8.8	4.1	2.3	5.4	2.0	4.8	4.2
% share 2008												
In labor force (% of population 16 yrs and over)	65.9	67.5	69.9	66.6	67.2	69.1	69.5	63.6	66.1	61.4	65.6	71.5
Civilian labor force (% of total labor force)	98.2	93.7	98.2	99.9	91.2	81.6	87.2	99.6	99.3	98.5	80.3	89.7
Employed (% of civilian labor force)	93.6	95.9	94.7	95.2	96.4	93.3	96.8	97.8	96.3	98.7	97.2	96.4
Unemployed (% of civilian labor force)	6.4	4.1	5.3	4.8	3.6	6.7	3.2	2.2	3.7	3.3	2.8	3.6
Armed Forces (% of total labor force)	0.8	6.3	0.8	0.1	8.8	12.4	12.8	0.4	0.7	1.5	19.7	10.3
Not in labor force (% of population 16 yrs and over)	34.1	32.5	30.1	33.4	32.8	30.9	30.5	36.4	33.9	38.6	34.4	28.5
% share 2007												
In labor force (% of population 16 yrs and over)	64.8	65.4	69.0	64.3	64.7	62.7	66.1	62.0	62.6	58.0	65.5	70.3
Civilian labor force (% of total labor force)	99.3	94.4	99.8	99.4	92.2	91.5	90.5	98.8	97.9	99.5	85.7	88.4
Employed (% of civilian labor force)	93.7	95.5	94.6	94.6	95.6	91.8	95.6	97.7	95.2	98.6	95.5	96.1
Unemployed (% of civilian labor force)	6.3	4.5	4.8	5.4	4.4	8.2	4.4	2.3	4.8	3.4	4.5	3.9
Armed Forces (% of total labor force)	0.7	5.6	0.2	0.6	7.8	8.5	9.5	1.2	2.1	0.5	14.3	11.6
Not in labor force (% of population 16 yrs and over)	35.2	34.6	31.0	35.7	35.3	37.3	33.9	38.0	37.4	42.0	34.5	29.7
% share 2006												
In labor force (% of population 16 yrs and over)	65.0	68.0	69.4	66.6	65.1	66.6	67.1	61.5	63.6	57.5	64.5	70.5
Civilian labor force (% of total labor force)	98.4	94.4	100.0	100.0	92.1	83.5	89.7	98.5	97.7	98.4	83.8	93.0
Employed (% of civilian labor force)	93.6	95.6	97.3	95.3	95.3	91.9	95.6	97.2	96.6	93.2	98.6	94.9
Unemployed (% of civilian labor force)	6.4	4.4	2.7	4.7	4.7	8.1	4.2	2.8	3.4	6.8	3.2	5.1
Armed Forces (% of total labor force)	0.6	5.6	0.0	0.0	7.9	16.6	10.3	0.6	2.3	0.6	16.2	7.0
Not in labor force (% of population 16 yrs and over)	35.0	34.0	30.6	33.2	34.9	33.4	32.9	38.5	36.2	42.5	35.5	29.5
% share 2005												
In labor force (% of population 16 yrs and over)	65.9	65.0	70.8	61.7	64.3	63.2	66.8	63.1	63.6	58.5	63.3	69.5
Civilian labor force (% of total labor force)	98.5	98.5	98.7	98.9	95.1	93.4	94.5	98.6	98.6	98.6	90.3	93.2
Employed (% of civilian labor force)	93.1	95.8	95.8	95.4	95.6	91.2	95.9	97.7	94.6	98.0	95.2	95.8
Unemployed (% of civilian labor force)	6.9	4.4	4.2	4.6	4.4	8.8	4.1	2.3	5.4	2.0	4.8	4.2
Armed Forces (% of total labor force)	0.6	3.6	0.3	0.1	4.9	8.8	6.6	0.4	1.4	1.4	9.7	6.8
Not in labor force (% of population 16 yrs and over)	34.1	35.0	29.2	38.3	35.7	36.8	33.2	36.9	36.2	41.5	36.7	30.5

Source: U.S. Census Bureau, American Community Survey (summary), Economic Characteristics, http://factfinder.census.gov/servlet/Data?_lang=en&_prog=AC&_subprog=1&_lang=en&_to=0.

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Table B-3. Employment by Industry: 2000 to 2000 1/

Category	U.S.	Hawaii State	Maua county, Kauai county and Kauai county	Hawaii county	Honolulu County	Rural Oahu	Koolau- poko	Maunaloa- Manoa Stream	Maunaloa- Kalaheo- Tantalus	Paia- Down- town- Kalihi	Maunaloa- Airport- Pearl City	Maunaloa- Walapa- hu- Ea
2000												
Agriculture, forestry, fishing and hunting, and mining	2,653,081	9,707	2,676	4,670	2,361	1,298	230	43	328	100	98	294
Construction	10,777,675	58,455	14,100	10,433	33,822	5,986	5,363	2,281	3,431	2,654	3,687	10,510
Manufacturing	16,381,624	21,054	2,854	2,484	15,706	1,249	1,207	1,749	2,785	2,670	2,086	3,980
Wholesale trade	4,383,802	17,614	1,544	2,612	13,258	854	1,382	2,253	2,681	2,175	1,747	2,156
Retail trade	16,994,717	73,083	15,069	12,180	45,834	4,511	4,776	5,409	9,881	5,026	4,827	11,424
Transportation and warehousing, and utilities	7,585,843	35,005	5,258	4,775	24,971	2,683	2,423	3,541	3,285	2,746	4,287	5,986
Information	3,527,777	11,366	1,194	760	9,412	901	1,248	786	1,787	1,205	733	2,732
Finance and insurance, and real estate and rental and leasing	10,112,239	43,928	7,008	4,610	32,312	2,300	4,191	5,431	5,351	3,688	3,545	7,908
Professional, scientific, and management, and administrative and waste management services	15,242,426	62,917	12,336	6,679	43,902	4,601	5,130	6,460	7,346	6,256	5,622	8,487
Educational services, and health care, and social assistance	31,757,530	122,133	16,729	14,586	90,818	9,411	14,547	12,577	11,759	10,280	12,543	19,721
Arts, entertainment, and recreation, and accommodation, and food services	12,904,517	101,642	21,907	18,433	61,302	6,255	6,475	6,417	13,458	8,580	7,251	12,956
Other services, except public administration	7,082,352	25,362	3,542	3,747	18,103	2,056	2,580	1,881	3,120	2,378	2,435	3,672
Public administration	6,842,670	47,933	5,260	3,972	38,701	2,916	5,628	3,983	4,547	3,158	6,523	11,946
2007												
Agriculture, forestry, fishing and hunting, and mining	2,634,756	10,770	4,595	3,371	2,804	1,001	533	42	252	280	275	421
Construction	11,049,193	51,915	10,889	9,480	31,536	4,437	5,104	2,883	2,101	4,130	3,977	8,904
Manufacturing	16,093,022	21,062	3,651	2,617	14,814	2,008	1,975	1,851	1,248	1,881	2,087	3,704
Wholesale trade	4,512,451	14,249	1,144	1,950	11,155	667	1,454	1,782	1,404	947	1,041	3,850
Retail trade	16,322,468	69,614	11,937	10,642	47,035	3,652	6,129	5,014	7,318	4,747	7,585	12,580
Transportation and warehousing, and utilities	7,395,133	36,827	6,410	3,815	28,602	2,263	4,227	3,086	2,630	2,630	5,386	6,513
Information	3,545,556	12,467	1,815	700	9,882	586	1,683	1,185	1,339	1,150	1,171	2,868
Finance and insurance, and real estate and rental and leasing	10,232,761	41,014	6,757	4,683	29,584	1,651	4,056	4,295	4,474	5,283	3,686	6,109
Professional, scientific, and management, and administrative and waste management services	14,648,929	58,723	9,882	6,756	42,885	4,309	5,175	6,785	7,456	3,928	5,170	10,162
Educational services, and health care, and social assistance	30,157,621	120,116	15,126	18,021	86,889	8,333	11,724	11,580	11,309	8,567	12,058	23,388
Arts, entertainment, and recreation, and accommodation, and food services	12,480,475	90,018	23,348	13,125	53,547	7,105	5,229	6,761	9,802	8,470	5,738	10,442
Other services, except public administration	6,833,711	26,825	4,744	4,083	18,148	1,820	2,246	2,553	2,710	2,901	2,053	3,765
Public administration	6,681,042	52,358	7,659	4,585	40,104	3,062	4,835	5,029	2,764	3,375	8,355	12,584
2008												
Agriculture, forestry, fishing and hunting, and mining	2,588,454	9,804	2,302	4,106	3,456	601	851	285	349	840	-	550
Construction	11,183,930	51,174	9,711	10,880	30,583	4,780	5,887	3,948	2,073	2,525	3,957	7,403
Manufacturing	16,350,948	16,851	2,444	1,842	12,585	1,828	1,262	570	574	2,315	1,582	4,434
Wholesale trade	4,842,294	18,232	2,847	2,172	13,213	1,402	1,725	1,056	1,338	1,688	2,330	3,674
Retail trade	16,268,904	72,383	15,017	11,414	45,952	5,282	5,051	6,306	7,284	4,636	7,137	10,276
Transportation and warehousing, and utilities	7,144,167	33,654	4,742	3,253	25,659	3,252	3,441	2,936	2,680	1,803	4,572	6,965
Information	3,524,717	13,091	1,548	1,789	9,744	878	1,314	1,618	1,430	546	792	3,166
Finance and insurance, and real estate and rental and leasing	10,241,270	41,089	5,786	5,622	29,681	1,773	4,150	5,012	4,286	3,231	3,863	7,386
Professional, scientific, and management, and administrative and waste management services	14,301,898	62,291	10,570	8,731	42,980	3,789	5,720	8,067	6,363	5,904	4,589	8,518
Educational services, and health care, and social assistance	29,491,331	119,906	16,135	14,323	87,448	10,401	13,588	12,811	11,787	9,228	11,273	18,350
Arts, entertainment, and recreation, and accommodation, and food services	12,149,888	90,241	25,306	14,845	50,080	5,480	6,088	5,002	10,529	9,091	4,781	9,109
Other services, except public administration	6,798,998	27,572	5,588	3,882	18,122	1,480	2,388	2,075	3,189	2,169	2,677	4,144
Public administration	6,616,727	54,046	5,272	4,243	44,531	4,286	6,009	4,188	3,905	2,917	7,814	15,412
2009												
Agriculture, forestry, fishing and hunting, and mining	2,383,283	7,585	2,411	2,612	2,572	831	448	141	328	84	-	746
Construction	10,532,612	46,085	11,026	9,382	25,667	4,114	4,661	2,807	1,983	2,104	3,286	6,402
Manufacturing	16,273,893	19,065	3,072	2,249	14,394	1,088	1,446	977	2,455	2,723	1,114	4,582
Wholesale trade	4,629,682	16,163	2,666	1,549	13,646	762	2,080	2,433	1,371	2,296	2,243	2,623
Retail trade	16,064,276	70,389	12,360	9,236	48,773	5,682	4,767	5,670	7,809	5,672	6,604	12,186
Transportation and warehousing, and utilities	6,877,686	32,823	6,107	2,367	24,329	2,183	3,340	3,103	3,164	2,782	3,622	5,636
Information	3,367,849	11,632	1,726	1,007	8,600	649	1,372	1,112	1,582	1,208	1,024	1,843
Finance and insurance, and real estate and rental and leasing	9,805,115	43,416	6,167	5,084	30,165	2,281	3,425	5,443	5,738	1,988	5,580	5,735
Professional, scientific, and management, and administrative and waste management services	13,457,013	54,883	9,479	5,361	40,123	3,419	7,267	6,869	6,069	4,727	4,080	6,672
Educational services, and health care, and social assistance	28,225,662	109,556	15,628	14,117	79,811	7,706	11,169	10,889	11,729	8,484	12,330	17,484
Arts, entertainment, and recreation, and accommodation, and food services	11,555,579	61,083	23,803	14,243	53,247	6,311	4,607	6,784	6,615	6,721	6,468	11,731
Other services, except public administration	6,588,469	28,985	5,680	3,978	19,027	1,251	2,224	2,733	2,808	2,886	2,885	4,430
Public administration	6,588,513	48,348	3,581	4,326	40,429	4,424	5,711	4,616	4,656	3,013	7,632	10,177

Continued on next page



Table B-3. Employment by Industry: 2005 to 2009 1/ -Con

Category	U.S.	Hawaii State	Mauai county, Maui county and Kauai county	Hawaii county	Honolulu County	Rural Oahu	Koolau-polo	Makapuu-Maunaloa Stream	Maunaloa-Waikiki-Tantalus	Puuwa-aia-Kalihi	Maunaloa-Airport-Pearl City	Maunaloa-Waipahu-Ewa
% of total employment: 2005												
Agriculture, forestry, fishing and hunting, and mining	1.8	1.5	2.4	5.2	0.5	2.9	0.4	0.1	0.5	0.2	0.2	0.3
Construction	7.4	9.3	12.9	11.6	7.9	13.3	9.7	4.3	4.9	5.2	6.7	10.3
Manufacturing	11.2	3.3	2.6	2.8	3.6	2.8	2.2	3.3	4.0	5.2	3.8	3.9
Wholesale trade	3.0	2.8	1.4	3.1	3.1	1.9	2.5	4.3	3.9	4.3	3.2	2.1
Retail trade	11.6	11.6	13.8	13.5	10.6	10.0	8.7	10.2	14.1	9.9	8.7	11.2
Transportation and warehousing, and utilities	5.2	5.6	4.8	5.3	5.8	6.0	4.4	6.7	4.7	5.4	7.8	5.9
Information	2.4	1.8	1.1	0.8	2.2	2.0	2.3	1.5	2.6	2.4	1.3	2.7
Finance and insurance, and real estate and rental and leasing	6.9	7.0	6.4	5.1	7.5	5.1	7.6	10.3	7.7	7.2	6.4	7.7
Professional, scientific, and management, and administrative and waste management services	10.4	10.0	11.3	7.4	10.2	10.2	9.3	12.2	10.5	12.3	10.1	8.4
Educational services, and health care, and social assistance	21.7	19.4	15.3	16.2	21.1	20.9	28.4	23.8	16.9	20.2	22.6	19.4
Arts, entertainment, and recreation, and accommodation, and food services	8.8	16.1	20.0	20.4	14.2	13.9	11.7	12.1	19.3	16.9	13.1	12.7
Other services, except public administration	4.8	4.0	3.2	4.2	4.2	4.6	4.6	3.6	4.5	4.7	4.4	3.6
Public administration	4.7	7.6	4.8	4.4	9.0	6.5	10.2	7.5	6.5	6.2	11.8	11.8
% of total employment: 2007												
Agriculture, forestry, fishing and hunting, and mining	1.8	1.8	4.3	4.0	0.7	2.4	1.0	0.1	0.5	0.6	0.5	0.4
Construction	7.7	8.6	10.1	11.3	7.6	10.8	9.4	5.5	3.8	8.6	6.8	8.5
Manufacturing	11.3	3.5	3.4	3.1	3.6	4.9	3.6	3.5	2.3	3.9	3.6	3.6
Wholesale trade	3.2	2.3	1.1	2.3	2.7	1.6	2.7	3.4	2.5	2.0	1.8	3.7
Retail trade	11.4	11.5	11.1	12.7	11.3	8.9	11.3	9.6	13.2	9.8	12.9	11.9
Transportation and warehousing, and utilities	5.2	6.1	5.9	4.6	6.4	5.5	7.8	4.8	5.6	5.4	9.2	6.2
Information	2.5	2.1	1.7	0.8	2.4	1.4	3.1	2.3	2.4	2.4	2.0	2.7
Finance and insurance, and real estate and rental and leasing	7.2	6.8	6.3	5.6	7.1	4.0	7.4	8.2	8.1	10.9	6.3	5.8
Professional, scientific, and management, and administrative and waste management services	10.3	9.8	9.2	8.1	10.4	10.5	9.5	13.0	13.5	8.1	8.8	9.6
Educational services, and health care, and social assistance	21.2	19.8	14.0	21.5	20.9	20.3	21.5	22.1	20.5	17.7	20.6	22.2
Arts, entertainment, and recreation, and accommodation, and food services	8.8	14.8	21.6	15.7	12.9	17.3	9.6	12.9	17.7	17.5	9.8	9.9
Other services, except public administration	4.8	4.4	4.4	4.8	4.4	4.7	4.1	4.9	4.9	6.0	3.5	3.6
Public administration	4.7	8.6	7.1	5.5	9.7	7.5	9.1	9.6	5.0	7.0	14.3	11.9
% of total employment: 2008												
Agriculture, forestry, fishing and hunting, and mining	1.8	1.6	2.1	4.7	0.8	1.3	1.5	0.5	0.6	1.8	0.0	0.6
Construction	7.9	8.4	8.9	12.5	7.4	10.6	10.3	7.3	3.7	5.4	7.1	7.4
Manufacturing	11.6	2.8	2.2	2.1	3.0	4.0	2.2	1.1	1.0	4.9	2.9	4.5
Wholesale trade	3.4	3.0	2.6	2.5	3.2	3.1	3.0	2.0	2.4	3.6	4.2	3.7
Retail trade	11.5	11.9	13.7	13.1	11.1	11.7	8.8	11.7	13.0	9.9	12.9	10.3
Transportation and warehousing, and utilities	5.0	5.5	4.3	3.7	6.2	7.2	6.0	5.4	4.8	3.8	8.3	7.0
Information	2.5	2.1	1.4	2.1	2.4	1.9	2.3	3.0	2.6	1.2	1.4	3.2
Finance and insurance, and real estate and rental and leasing	7.2	6.7	5.3	6.5	7.2	3.9	7.2	9.3	7.7	6.9	7.0	7.4
Professional, scientific, and management, and administrative and waste management services	10.1	10.2	9.7	10.0	10.4	8.4	9.9	15.0	11.4	12.6	8.3	8.6
Educational services, and health care, and social assistance	20.8	19.6	16.6	16.4	21.1	23.0	23.6	23.8	21.1	19.7	20.4	18.5
Arts, entertainment, and recreation, and accommodation, and food services	8.6	14.8	23.2	17.0	12.1	12.1	10.6	9.3	18.9	19.4	8.6	9.2
Other services, except public administration	4.8	4.5	5.1	4.4	4.4	3.3	4.2	3.9	5.7	4.6	4.8	4.2
Public administration	4.7	8.9	4.8	4.9	10.8	9.5	10.4	7.8	7.0	6.2	14.1	15.5
% of total employment: 2009												
Agriculture, forestry, fishing and hunting, and mining	1.7	1.3	2.3	3.5	0.6	2.0	0.6	0.3	0.6	0.2	0.0	0.6
Construction	7.7	7.9	10.4	12.4	6.4	10.1	8.3	5.5	3.4	4.5	5.8	8.9
Manufacturing	11.9	3.4	2.9	3.0	3.6	2.6	2.7	1.6	4.2	5.8	2.0	5.0
Wholesale trade	3.5	3.1	2.6	2.1	3.4	1.8	3.9	4.9	2.4	4.8	3.9	2.7
Retail trade	11.8	12.1	11.6	12.2	12.2	14.0	8.0	11.1	13.4	12.7	11.4	13.2
Transportation and warehousing, and utilities	5.0	5.8	5.8	3.2	8.1	5.4	6.3	5.9	5.4	5.9	8.9	8.3
Information	2.6	2.0	1.6	1.3	2.2	1.6	2.6	2.1	2.7	2.6	1.8	2.1
Finance and insurance, and real estate and rental and leasing	7.3	7.5	7.7	6.7	7.5	5.6	6.5	10.3	9.8	4.3	9.7	6.2
Professional, scientific, and management, and administrative and waste management services	9.9	8.4	8.9	7.1	10.0	8.4	13.6	11.3	10.4	10.1	7.2	9.3
Educational services, and health care, and social assistance	20.7	18.8	14.7	16.7	18.9	18.0	21.2	20.6	20.1	18.1	21.8	18.9
Arts, entertainment, and recreation, and accommodation, and food services	8.5	15.6	22.2	16.9	13.3	15.5	8.7	12.6	14.8	18.6	11.3	12.7
Other services, except public administration	4.8	5.0	5.6	5.3	4.7	3.1	4.2	5.2	4.8	6.2	4.7	4.6
Public administration	4.6	8.3	3.4	5.7	10.1	10.9	10.6	8.7	8.0	6.4	13.7	11.0

1/ Civilian employed population 16 years and over.

Source: U.S. Census Bureau, American Community Survey (annual), Economic Characteristics, http://factfinder.census.gov/servlet/DataTableServlet?_lang=en&_ts=0.



Source: U.S. Census Bureau, American Community Survey (annual), Economic Characteristics,
http://factfinder.census.gov/servlet/Data?_lang=en&_ss=AC&_ds=ac&_cs=ac



C. Education

Hawaii had a higher percentage of students attending private schools (23.4%) than the national average (17.4%) in 2008. Koolau-poko led the state with more than one third of the students attending private schools in 2008. Students in Rural Oahu and the neighbor islands had the least percentage of students attending private schools (Table C-1).

Among all areas in Hawaii, more than 31 percent of those who enrolled in graduate or professional schools in 2008 lived in Manoa-Waikiki-Kakaako-Tantalus (PUMA 304). Those who enrolled in college in Mililani-Waipahu-Ewa (PUMA 307) accounted for 15.7% in 2008 (Table C-1).

Those residents who were between 25 and 64 years of age and lived in Makapuu-Manoa stream area (PUMA 303) during the past four years were the most educated compared with other areas in the state (Table C-2). 51.9 % of persons in PUMA 303 held at least a bachelor's degree in 2008. Residents in Rural Oahu had the lowest percentage of persons with Bachelor's degree or higher at 18.2% in 2008. The share of people with Bachelor's degree or higher in the Pauoa-Downtown-Kalihi area (PUMA 305) was slightly above or similar to the U.S. during the past four years. However, this area had fairly large number of persons whose educational attainment was less than high school graduation in this area (17.3% in 2005, 20.2% in 2006, 14.3% in 2007 and 14.6% in 2008).

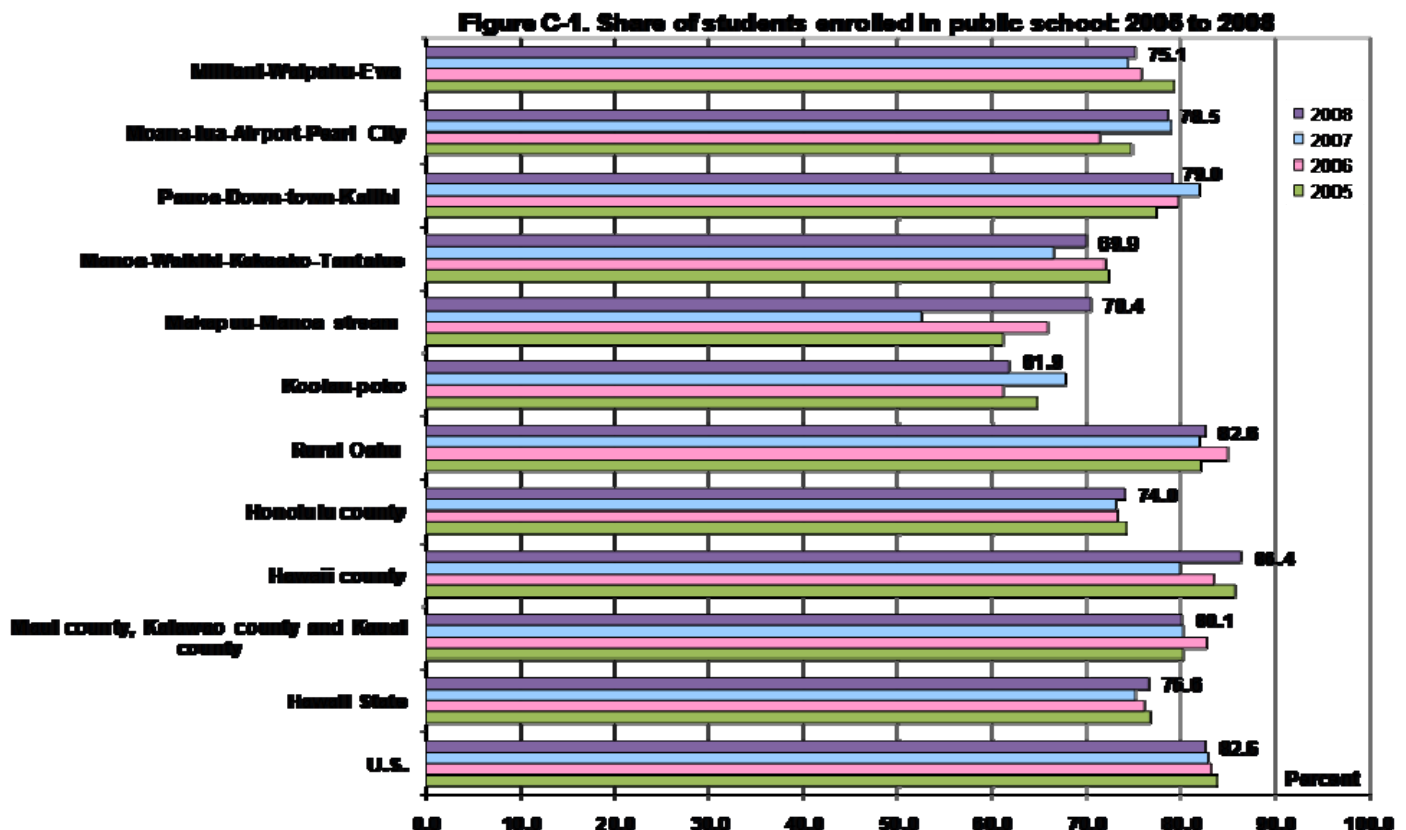




Table C-1. School Enrollment by Type of School by Grade level: 2000 to 2007 (Number of students who are 3 years and over and enrolled in schools)

	U.S.	Hawaii State	Maui county, Maui county and Kauai county	Hawaii county	Honolulu county	Rural Oahu	Koolau-poko	Maui-puu-Maui-puu	Maui-puu-Maui-puu	Maui-puu-Maui-puu	Maui-puu-Maui-puu	Maui-puu-Maui-puu	Maui-puu-Maui-puu
2000													
Enrolled in nursery school, preschool:	5,038,849	20,083	3,053	2,005	15,835	1,980	2,548	1,458	1,412	1,441	2,177	4,808	
Public school	2,732,344	7,701	1,305	1,234	8,212	1,270	457	318	188	1,135	434	1,408	
Private school	2,306,505	12,382	1,748	771	10,723	720	2,091	1,140	1,223	306	1,743	3,400	
Enrolled in kindergarten:	4,058,468	14,678	3,082	1,787	10,088	1,128	1,083	1,125	1,178	488	1,258	3,850	
Public school	3,488,518	12,554	2,481	1,729	8,334	1,081	707	1,032	1,128	172	830	3,403	
Private school	569,950	2,424	601	58	1,755	67	376	93	48	316	428	447	
Enrolled in grade 1 to grade 4:	15,823,337	58,548	8,881	7,885	41,823	7,201	5,450	4,275	3,710	3,358	4,874	12,857	
Public school	14,138,448	48,288	8,088	5,718	35,484	6,144	4,180	3,083	3,058	3,137	4,383	11,488	
Private school	1,785,889	8,260	893	1,167	6,339	1,057	1,270	1,192	651	219	591	1,469	
Enrolled in grade 5 to grade 8:	18,238,080	80,458	8,882	8,718	41,880	8,305	5,288	3,808	3,724	3,008	8,250	12,888	
Public school	14,424,384	48,538	7,178	8,081	32,670	5,888	3,280	2,742	2,578	2,448	5,724	10,020	
Private school	1,813,696	11,919	2,504	1,035	8,380	438	2,008	867	1,145	560	526	2,868	
Enrolled in grade 9 to grade 12:	17,208,385	88,740	10,801	8,887	48,242	5,833	5,884	3,785	4,888	4,888	8,277	12,887	
Public school	15,073,044	83,205	8,281	8,003	35,941	5,001	3,327	2,040	3,888	4,134	8,888	10,875	
Private school	1,735,321	13,535	1,640	1,884	10,301	832	2,557	1,745	1,400	894	1,391	1,822	
Enrolled in college undergraduate years:	17,427,735	57,518	5,700	11,258	40,882	3,205	4,874	3,703	8,358	4,155	7,487	8,882	
Public school	4,024,710	18,328	1,028	187	15,113	1,740	2,123	872	2,883	1,888	1,854	4,083	
Private school	3,874,042	14,711	744	848	13,118	837	1,875	1,877	4,888	785	837	2,441	
Enrolled in graduate or professional school:	2,300,042	8,827	481	880	7,708	888	1,144	1,372	2,722	882	180	1,087	
Public school	1,574,000	5,884	283	188	5,412	238	731	305	1884	203	687	1384	
Private school													
Public school share by grade level, %													
Enrolled in nursery school, preschool:	53.8	38.8	42.7	61.5	32.7	63.8	17.8	21.8	13.4	78.8	18.8	28.7	
Enrolled in kindergarten:	88.1	83.8	80.6	88.8	82.5	84.1	88.5	81.7	85.8	34.7	85.8	88.4	
Enrolled in grade 1 to grade 4:	88.8	84.2	80.3	74.8	84.8	85.3	78.7	72.4	82.5	83.5	88.1	88.7	
Enrolled in grade 5 to grade 8:	88.8	80.3	74.1	88.5	78.8	83.1	82.1	78.0	88.3	81.3	81.8	77.8	
Enrolled in grade 9 to grade 12:	88.8	78.7	85.7	82.5	77.7	88.8	88.5	83.8	71.8	82.7	84.5	85.7	
Enrolled in college undergraduate years:	78.8	77.8	84.7	88.4	72.8	84.8	70.1	84.8	73.8	71.0	80.2	88.1	
Enrolled in graduate or professional school:	68.4	80.0	82.0	77.7	68.7	74.8	81.0	81.8	88.4	73.5	17.8	43.3	
% of students in public schools	82.8	78.8	80.1	88.4	74.0	82.8	81.8	70.4	88.8	78.0	78.5	75.1	
% of students in private schools	17.4	23.4	19.8	13.8	28.0	17.4	38.1	28.8	30.1	21.0	21.5	24.8	
As % of state													
Enrolled in nursery, preschool and kindergarten:			17.1	10.5	72.4	8.7	10.0	7.2	7.2	5.4	8.8	24.4	
Enrolled in grade 1 to grade 4:			16.7	14.8	88.7	11.3	8.0	8.8	8.2	6.3	8.4	21.7	
Enrolled in grade 5 to grade 8:			18.2	14.8	88.3	8.4	8.8	8.7	7.4	7.5	12.4	18.0	
Enrolled in college undergraduate years:			8.1	15.5	78.4	8.7	8.8	5.8	15.3	7.8	12.8	17.3	
Enrolled in graduate or professional school:			5.1	5.8	88.2	8.4	12.7	11.4	31.2	5.2	5.7	18.8	
2007													
Enrolled in nursery school, preschool:	4,813,088	18,164	2,418	2,888	12,838	1,470	2,542	2,308	1,040	808	2,284	2,512	
Public school	2,881,188	7,284	808	878	4,481	942	440	515	248	388	888	888	
Private school	2,282,528	10,880	1,610	823	8,357	534	2,102	1,850	791	258	1,395	1,518	
Enrolled in kindergarten:	4,028,537	15,547	2,530	2,243	10,774	1,481	1,888	1,175	883	718	1,883	3,287	
Public school	3,477,848	12,088	1,881	1,948	8,488	1,424	1,178	824	481	582	1,571	2,781	
Private school	550,688	3,459	649	695	2,286	37	710	351	401	136	312	506	
Enrolled in grade 1 to grade 4:	15,824,443	58,775	8,827	8,288	42,882	7,108	4,883	3,184	2,888	4,444	7,830	12,857	
Public school	14,018,823	48,884	7,350	8,841	34,473	6,788	4,085	1,188	1,883	3,838	8,705	9,850	
Private school	1,804,620	11,111	1,177	1,425	8,409	310	868	1,088	1,103	608	825	2,807	
Enrolled in grade 5 to grade 8:	18,335,812	88,080	8,874	7,218	40,870	5,888	5,888	3,884	2,054	4,481	8,822	11,882	
Public school	14,557,110	45,778	8,788	5,554	31,437	5,888	4,088	1,810	1,773	3,584	5,775	8,738	
Private school	1,778,702	12,781	1,586	1,664	8,433	278	1,800	1,074	831	887	1,087	2,814	
Enrolled in grade 9 to grade 12:	17,433,088	71,245	12,130	10,481	48,824	8,377	7,383	4,575	3,058	5,885	7,237	14,328	
Public school	15,788,412	67,413	10,480	8,484	38,508	8,085	5,887	2,842	2,301	4,517	8,110	11,287	
Private school	1,644,676	13,832	1,710	2,007	10,316	292	1,718	1,833	857	1,148	1,127	3,042	
Enrolled in college undergraduate years:	17,335,028	70,885	8,288	8,404	48,183	8,872	8,784	4,880	8,888	4,541	8,713	18,084	
Public school	13,281,232	51,518	4,885	7,580	38,041	3,187	4,405	3,121	4,882	3,882	8,888	12,858	
Private school	4,053,796	19,368	1,413	814	17,142	3,475	2,388	1,438	2,207	848	1,807	5,108	
Enrolled in graduate or professional school:	3,458,818	15,380	885	1,673	12,822	878	1,253	1,388	3,875	820	2,108	2,401	
Public school	2,080,705	8,848	542	853	8,254	453	772	1,214	2,884	580	845	1,388	
Private school	1,408,214	5,611	423	820	4,568	625	481	172	891	230	1,263	1,006	
Public school share by grade level, %													
Enrolled in nursery school, preschool:	54.0	40.0	33.4	88.2	34.8	63.8	17.3	21.8	23.8	57.5	43.1	38.8	
Enrolled in kindergarten:	88.3	77.8	78.7	73.5	78.5	87.5	75.4	44.8	82.2	77.1	82.8	83.7	
Enrolled in grade 1 to grade 4:	88.8	81.4	88.2	82.8	80.2	85.8	82.7	37.4	83.2	88.8	87.8	77.8	
Enrolled in grade 5 to grade 8:	88.1	78.0	83.8	77.0	78.7	85.3	88.3	48.7	88.5	80.1	84.4	77.8	
Enrolled in grade 9 to grade 12:	88.4	80.8	85.8	80.8	78.2	85.4	78.8	57.7	72.0	78.7	84.4	78.8	
Enrolled in college undergraduate years:	78.7	72.7	77.8	80.3	88.5	47.8	85.1	88.4	87.8	85.7	78.1	71.7	
Enrolled in graduate or professional school:	68.3	83.2	88.2	81.0	85.4	48.3	81.8	87.8	81.2	72.0	40.1	88.1	
% of students in public schools	83.0	75.1	80.2	80.0	73.2	81.8	87.8	82.8	88.5	81.8	78.8	74.5	
% of students in private schools	17.0	24.8	19.8	20.0	28.8	18.2	32.2	47.4	33.5	18.1	21.1	25.5	
As % of state													
Enrolled in nursery, preschool and kindergarten:			14.7	15.3	70.1	8.7	12.2	10.5	5.7	3.8	11.8	17.2	
Enrolled in grade 1 to grade 4:			15.8	13.1	71.2	11.1	8.2	8.0	4.3	7.5	12.3	20.8	
Enrolled in grade 5 to grade 8:			17.0	14.7	88.2	8.0	10.4	8.4	4.3	8.0	10.2	20.1	
Enrolled in college undergraduate years:			8.8	11.8	78.3	8.4	8.5	8.4	8.7	8.4	12.3	25.5	
Enrolled in graduate or professional school:			8.3	11.0	82.7	8.4	8.2	8.1	24.1	5.4	13.8	15.7	

Continued on next page.



Table C-1. School Enrollment by Type of School by Grade level: 2000 to 2008 (Number of students who are 3 years and over and enrolled in schools) -Con.

	U.S.	Hawaii State	Maui county, Kalawao county and Kauai county	Hawaii county	Honolulu county	Rural Oahu	Koolau-poko	Maui-puu-Manoa stream	Manoa-Waikiki-Kalaheo-Tantalus	Pauoa-Downtown-Kalihi	Moana-Ika-Airport-Pearl City	Milani-Waipahu-Ewa
2000												
Enrolled in nursery school, preschool:	4,901,007	21,380	2,732	2,402	16,246	2,402	1,847	1,883	1,042	1,701	3,607	3,984
Public school	2,657,558	7,151	791	910	5,450	1,275	421	708	345	1,102	785	816
Private school	2,243,449	14,229	1,941	1,492	10,796	1,127	1,426	857	697	599	2,822	3,168
Enrolled in kindergarten:	4,012,880	15,451	1,876	1,912	11,863	2,268	991	1,506	1,162	805	1,753	3,178
Public school	3,451,817	11,783	1,582	1,643	8,588	1,886	290	1,138	980	614	1,488	2,182
Private school	560,863	3,668	314	269	3,075	382	701	368	182	191	265	986
Enrolled in grade 1 to grade 4:	15,758,734	58,125	9,031	8,012	42,082	6,723	6,227	4,589	2,325	4,612	5,585	12,011
Public school	13,988,893	50,150	7,927	6,870	35,353	6,413	4,748	3,058	1,718	4,254	4,911	10,255
Private school	1,769,841	8,975	1,104	1,142	6,729	310	1,481	1,543	607	358	674	1,756
Enrolled in grade 5 to grade 8:	16,488,217	88,109	12,914	9,679	45,516	7,428	5,053	4,543	3,983	4,530	5,786	14,183
Public school	14,748,117	54,782	10,888	8,085	35,801	6,774	3,308	2,755	2,833	3,700	4,938	11,483
Private school	1,750,100	13,317	2,018	1,584	9,715	654	1,745	1,788	1,180	830	848	2,680
Enrolled in grade 9 to grade 12:	17,500,473	70,801	12,403	10,310	48,188	7,254	6,883	5,848	3,478	5,935	6,138	12,658
Public school	15,845,223	57,658	11,220	8,851	37,585	6,888	4,477	3,302	2,381	5,202	4,914	10,441
Private school	1,655,250	13,143	1,183	1,459	10,603	366	2,406	2,544	1,097	733	1,222	2,215
Enrolled in college undergraduate years:	17,063,732	87,184	5,701	7,505	53,958	4,818	8,029	5,986	9,283	4,175	8,704	12,975
Public school	13,134,388	50,782	4,953	7,087	38,732	3,274	4,338	5,106	7,028	2,855	6,186	9,977
Private school	3,929,343	16,382	748	438	15,186	1,542	3,693	880	2,235	1,320	2,518	2,998
Enrolled in graduate or professional school:	3,387,101	13,743	1,474	1,368	10,801	538	1,443	1,883	1,894	940	1,842	2,283
Public school	2,024,132	7,900	833	986	6,081	183	1,053	1,082	1,463	385	638	1,286
Private school	1,362,969	5,843	641	382	4,820	353	390	791	531	575	1,203	977
Public school share by grade level, %												
Enrolled in nursery school, preschool:	54.2	33.4	29.0	37.9	33.5	53.1	22.8	42.5	33.1	64.8	21.8	20.5
Enrolled in kindergarten:	86.0	78.3	83.3	85.0	73.6	83.2	29.3	75.8	84.3	78.3	84.0	88.0
Enrolled in grade 1 to grade 4:	88.8	84.8	87.8	85.7	84.0	95.4	78.2	88.4	73.9	92.2	87.9	85.4
Enrolled in grade 5 to grade 8:	89.4	80.4	84.4	83.6	78.7	91.2	65.5	80.8	70.9	81.7	85.3	81.0
Enrolled in grade 9 to grade 12:	90.5	81.3	80.5	85.8	78.0	94.7	65.0	58.5	68.5	87.6	80.1	82.5
Enrolled in college undergraduate years:	77.0	75.8	86.9	94.2	71.8	68.0	54.0	85.2	75.9	68.4	71.1	78.9
Enrolled in graduate or professional school:	58.8	57.5	58.5	72.1	55.8	34.1	73.0	58.0	73.4	38.8	34.7	58.8
% of students in public schools	83.2	78.1	82.8	83.6	73.3	84.9	61.1	65.9	72.0	79.7	71.4	75.9
% of students in private schools	16.8	21.9	17.2	16.4	26.7	15.1	38.9	34.1	28.0	20.3	28.6	24.1
As % of state												
Enrolled in nursery, preschool and kindergarten:			12.5	11.7	75.8	12.7	7.7	8.6	6.0	6.8	14.6	19.4
Enrolled in grade 1 to grade 8:			17.2	13.9	68.8	11.1	8.9	7.2	5.0	7.2	8.9	20.6
Enrolled in grade 9 to grade 12:			17.5	14.5	68.0	10.2	9.7	8.2	4.9	8.4	8.7	17.9
Enrolled in college undergraduate years:			8.5	11.2	80.3	7.2	12.0	8.9	13.8	6.2	13.0	19.3
Enrolled in graduate or professional school:			10.7	10.0	79.3	3.9	10.5	13.7	14.5	6.8	13.4	16.5
2008												
Enrolled in nursery school, preschool:	4,765,408	21,409	3,470	3,537	14,402	1,004	2,411	2,734	1,717	1,210	1,979	2,741
Public school	2,541,238	6,087	1,187	1,323	3,587	654	340	387	307	382	470	1,047
Private school	2,244,171	15,382	2,303	2,214	10,865	1,010	2,071	2,347	1,410	824	1,509	1,694
Enrolled in kindergarten:	3,984,774	14,402	2,357	1,303	10,742	3,041	1,053	776	382	857	1,508	3,127
Public school	3,402,719	12,071	2,032	1,171	8,888	2,729	1,035	408	308	784	1,130	2,408
Private school	582,055	2,331	325	132	1,874	312	18	370	74	83	378	631
Enrolled in grade 1 to grade 4:	15,558,788	58,871	9,108	8,545	41,220	7,537	6,175	4,488	2,368	3,505	6,141	11,008
Public school	13,783,250	50,853	6,773	6,733	35,347	7,216	4,882	3,129	2,045	2,875	5,206	9,914
Private school	1,775,518	9,018	2,333	812	5,873	321	1,213	1,358	321	630	935	1,094
Enrolled in grade 5 to grade 8:	16,583,022	87,079	11,740	8,758	46,581	9,141	6,727	4,382	2,866	4,679	5,947	12,829
Public school	14,782,189	54,908	9,547	7,978	37,383	8,334	4,197	2,780	2,145	4,087	4,674	11,186
Private school	1,770,833	12,170	2,193	779	9,198	807	2,530	1,612	721	582	1,273	1,683
Enrolled in grade 9 to grade 12:	17,008,891	68,394	12,012	10,454	46,928	7,972	6,201	5,188	4,173	5,786	5,472	12,148
Public school	15,441,856	58,887	10,484	9,252	38,831	7,289	3,947	2,583	3,082	4,780	4,883	10,267
Private school	1,567,035	12,727	1,528	1,202	9,897	883	2,254	2,633	1,081	986	479	1,881
Enrolled in college undergraduate years:	14,581,708	88,994	7,981	7,752	51,281	7,448	5,381	6,188	7,508	5,522	8,880	10,373
Public school	11,620,950	50,588	7,583	7,084	35,891	4,187	3,850	5,029	5,589	3,886	6,421	6,949
Private school	2,960,758	18,426	398	868	15,390	3,262	1,511	1,158	1,918	1,636	2,459	3,424
Enrolled in graduate or professional school:	3,468,882	13,282	988	601	11,785	283	1,200	1,273	3,671	1,138	2,382	1,868
Public school	2,084,408	8,628	583	328	7,808	13	648	1,018	3,040	785	1,281	813
Private school	1,372,428	4,737	373	176	4,189	250	556	254	631	343	1,111	746
Public school share by grade level, %												
Enrolled in nursery school, preschool:	53.1	28.4	33.0	37.4	24.0	38.3	14.1	14.2	17.8	32.2	23.7	38.2
Enrolled in kindergarten:	85.8	83.8	88.2	88.9	82.8	88.7	32.3	82.3	88.1	88.1	75.0	78.8
Enrolled in grade 1 to grade 4:	88.8	84.8	74.4	81.5	85.8	85.7	80.4	88.7	88.4	82.0	84.8	80.1
Enrolled in grade 5 to grade 8:	88.3	81.8	81.3	81.1	80.3	91.2	82.4	83.3	74.8	87.3	78.8	87.0
Enrolled in grade 9 to grade 12:	90.8	81.7	87.3	88.5	78.7	91.4	88.7	88.3	74.1	82.9	81.2	84.5
Enrolled in college undergraduate years:	78.7	76.5	86.4	91.4	70.0	65.9	71.8	81.3	74.4	70.4	72.3	87.0
Enrolled in graduate or professional school:	80.3	84.3	81.4	85.1	84.5	4.9	45.4	80.0	78.5	68.9	83.8	55.1
% of students in public schools	83.8	78.7	80.2	85.7	74.3	82.0	61.8	61.1	72.2	77.5	74.8	78.3
% of students in private schools	16.1	21.3	19.8	14.3	25.7	18.0	38.2	38.9	27.8	22.5	25.2	20.7
As % of state												
Enrolled in nursery, preschool and kindergarten:			18.2	13.5	70.3	13.1	8.7	8.8	5.9	5.8	8.7	18.4
Enrolled in grade 1 to grade 8:			10.4	14.4	68.2	13.1	10.2	7.0	4.1	0.4	8.6	18.8
Enrolled in grade 9 to grade 12:			17.3	15.1	67.8	11.5	8.9	7.5	8.0	8.3	7.9	17.5
Enrolled in college undergraduate years:			11.9	11.8	78.5	11.1	8.0	6.2	11.2	8.2	13.3	15.5
Enrolled in graduate or professional school:			7.3	3.8	88.8	2.0	9.0	8.8	28.2	8.8	18.0	12.5

Source: U.S. Census Bureau, American Community Survey (annual), Detailed Tables.



Table C-2. Education Attainment by Employment Status for the Population 25 to 64 years: 2000 to 2008

	U.S.	Hawaii State	Maui county, Kaula county and Maui county	Hawaii county	Honolulu county	Rural Oahu	Koolau-polo	Makapuu-Maunaloa	Makapuu-Maunaloa-Tantalus	Panama City	Maunaloa-Pearl City	Maunaloa-Pearl City
% of total population 25-64 yrs: 2000												
Less than high school graduate:	12.9	8.8	7.8	7.8	8.8	8.8	3.3	2.4	4.3	14.8	7.8	8.1
In Armed Forces	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Civilian employed	7.3	4.2	5.1	4.7	3.9	4.2	1.5	1.4	2.8	10.2	4.1	3.8
Civilian unemployed	0.8	0.3	0.3	0.2	0.3	0.8	0.0	0.2	0.1	0.4	0.5	0.2
Not in labor force	4.7	2.3	2.1	2.1	2.4	4.7	1.7	0.8	1.3	4.0	2.4	2.3
High school graduate:	27.1	28.2	31.8	28.3	24.8	28.8	22.8	18.1	22.2	27.8	21.1	28.2
In Armed Forces	0.1	0.8	0.1	0.0	0.8	2.5	0.8	0.1	0.0	0.0	1.1	0.8
Civilian employed	18.2	18.2	22.8	23.0	17.8	25.8	18.8	12.8	17.1	18.8	13.0	18.1
Civilian unemployed	1.3	0.8	1.5	1.4	0.8	1.2	1.0	0.2	0.8	0.8	0.1	0.5
Not in labor force	8.8	5.7	7.2	4.9	5.8	7.4	4.1	3.1	4.7	7.1	8.9	5.7
Some college or associate's degree:	28.8	28.8	37.8	38.8	34.8	38.4	31.8	28.8	33.2	27.2	38.7	48.7
In Armed Forces	0.3	1.8	0.3	0.1	2.5	2.1	1.8	0.1	0.2	0.5	5.8	4.8
Civilian employed	23.8	27.3	30.8	28.8	28.0	28.0	23.2	23.7	27.7	22.8	28.5	28.8
Civilian unemployed	1.2	0.7	1.1	0.8	0.5	0.8	0.5	0.8	0.8	0.3	0.8	0.5
Not in labor force	5.8	8.0	5.8	7.3	5.8	8.7	8.0	4.8	4.8	4.0	7.1	8.8
Bachelor's degree or higher:	28.8	31.1	22.8	28.8	34.1	18.2	42.4	81.8	48.2	38.8	32.2	28.8
In Armed Forces	0.2	1.3	0.1	0.0	1.9	1.5	3.7	0.2	0.2	0.8	3.8	2.5
Civilian employed	24.7	25.2	18.8	21.0	27.4	13.5	34.3	43.4	31.8	25.8	24.2	22.8
Civilian unemployed	0.7	0.5	0.3	0.5	0.5	0.7	0.3	0.3	1.5	0.4	0.1	0.4
Not in labor force	4.0	4.1	2.7	4.3	4.4	3.0	4.2	7.8	8.8	3.6	4.0	2.4
% of total population 25-64 yrs: 2007												
Less than high school graduate:	13.8	7.8	8.2	8.8	8.8	8.7	8.1	3.8	4.2	14.2	8.4	8.7
In Armed Forces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Civilian employed	7.1	4.1	5.0	3.1	4.0	5.4	3.0	2.8	2.4	8.8	3.0	3.5
Civilian unemployed	0.8	0.3	0.4	0.3	0.7	0.8	0.7	0.0	0.0	0.7	0.1	0.3
Not in labor force	5.1	2.7	2.8	3.2	2.8	3.7	2.0	1.2	1.8	4.2	2.3	2.8
High school graduate:	28.1	28.2	31.8	31.3	28.8	27.3	21.2	18.8	24.8	28.8	28.8	28.8
In Armed Forces	0.1	0.5	0.2	0.0	0.7	1.2	0.8	0.3	0.1	0.0	0.8	1.0
Civilian employed	20.3	20.0	24.4	21.8	18.8	24.0	18.8	12.8	18.8	18.8	17.8	18.8
Civilian unemployed	1.3	1.1	1.2	1.8	1.0	1.8	1.4	0.8	1.8	0.8	0.8	0.8
Not in labor force	7.4	8.8	5.7	8.1	8.7	10.5	8.3	5.0	4.3	7.8	8.8	5.1
Some college or associate's degree:	28.8	33.8	34.8	33.2	33.3	38.1	28.7	28.8	27.7	27.4	38.4	38.4
In Armed Forces	0.7	1.8	0.0	0.4	7.8	7.5	1.8	0.4	0.3	0.1	4.8	4.8
Civilian employed	21.7	24.5	28.3	25.7	23.3	22.1	20.1	20.8	21.0	20.2	25.8	27.8
Civilian unemployed	1.1	0.8	0.5	0.7	0.8	1.8	0.8	0.4	0.8	0.8	1.3	0.8
Not in labor force	5.8	8.4	5.7	8.4	8.8	8.8	8.1	8.4	5.8	8.2	7.8	5.8
Bachelor's degree or higher:	28.4	31.2	28.2	28.8	32.8	17.8	34.8	48.2	44.1	28.8	28.2	28.4
In Armed Forces	0.1	1.1	0.0	0.0	1.5	1.3	1.4	0.4	1.2	0.3	3.2	2.0
Civilian employed	24.3	24.8	27.1	28.3	26.7	17.7	28.3	40.8	37.8	24.8	21.8	21.8
Civilian unemployed	0.8	0.5	0.3	0.8	0.8	0.4	0.8	0.5	1.4	0.8	0.8	0.3
Not in labor force	4.3	4.8	3.8	5.0	5.1	4.0	4.8	7.8	8.8	4.1	3.8	4.3
% of total population 25-64 yrs: 2008												
Less than high school graduate:	13.3	7.1	7.8	8.7	7.1	18.8	3.8	3.8	8.8	28.2	8.8	4.7
In Armed Forces	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2	0.0
Civilian employed	7.3	3.8	5.5	3.8	3.8	3.8	2.4	1.2	4.1	10.8	2.8	2.3
Civilian unemployed	0.8	0.3	0.1	0.8	0.4	0.3	0.1	0.3	0.3	1.0	0.2	0.5
Not in labor force	5.2	2.7	2.4	1.5	3.1	8.0	1.0	1.8	1.5	8.5	2.5	1.8
High school graduate:	28.2	28.2	31.8	32.2	28.8	41.3	28.1	18.8	21.8	28.1	28.1	27.8
In Armed Forces	0.1	0.5	0.0	0.0	0.8	1.8	0.8	0.0	0.0	0.0	2.3	0.8
Civilian employed	20.4	18.8	23.7	24.2	18.1	28.3	17.2	12.5	18.8	18.8	18.7	18.8
Civilian unemployed	1.3	1.0	1.0	0.8	1.1	2.8	1.8	0.3	0.8	1.8	0.3	0.8
Not in labor force	7.3	8.8	7.1	7.4	8.8	8.7	5.7	4.1	4.8	8.4	8.7	7.3
Some college or associate's degree:	28.8	32.7	33.7	33.8	32.3	38.8	34.4	28.8	28.4	23.8	37.1	38.8
In Armed Forces	0.2	1.3	0.0	0.0	1.8	1.7	2.0	0.1	0.8	0.4	4.8	2.4
Civilian employed	21.7	24.5	28.2	25.7	23.4	20.3	24.5	20.5	21.2	18.1	24.8	28.3
Civilian unemployed	1.1	0.8	0.8	1.2	0.8	1.1	0.8	1.0	0.5	0.8	1.0	0.8
Not in labor force	5.8	8.0	4.8	8.8	8.1	8.4	7.1	5.2	5.8	4.3	8.3	7.0
Bachelor's degree or higher:	28.8	32.8	28.8	28.8	34.8	18.2	38.8	48.2	44.2	27.1	28.8	28.1
In Armed Forces	0.1	1.1	0.0	0.0	1.8	1.8	2.1	0.2	0.4	0.1	3.1	2.4
Civilian employed	23.8	28.0	23.1	22.7	27.3	15.2	28.1	44.1	37.5	22.8	23.0	23.2
Civilian unemployed	0.7	0.5	0.1	0.7	0.8	0.2	0.5	0.2	1.2	1.1	0.5	0.3
Not in labor force	4.3	4.4	3.4	5.3	4.5	2.0	5.2	8.0	5.1	3.1	5.5	3.1
% of total population 25-64 yrs: 2009												
Less than high school graduate:	13.1	8.8	8.8	7.7	7.8	18.8	3.8	3.8	8.2	17.3	8.4	8.4
In Armed Forces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Civilian employed	7.3	4.8	8.4	4.4	4.4	4.3	1.8	2.1	2.8	10.8	4.0	5.2
Civilian unemployed	0.8	0.7	0.7	0.0	0.7	0.8	0.7	0.0	0.3	0.1	0.7	0.1
Not in labor force	4.8	3.1	2.0	3.3	3.3	6.7	1.8	1.8	3.1	8.4	2.3	3.2
High school graduate:	28.8	28.3	33.1	34.8	27.3	41.3	27.4	18.8	22.1	28.8	27.2	27.8
In Armed Forces	0.1	0.4	0.0	0.0	0.8	1.7	1.0	0.1	0.3	0.0	0.8	0.5
Civilian employed	20.8	20.8	25.5	24.8	18.8	28.3	18.7	11.8	15.3	18.4	18.0	20.3
Civilian unemployed	1.4	0.8	1.1	1.2	0.8	1.0	0.7	0.8	0.7	0.2	0.7	1.1
Not in labor force	7.0	7.2	8.5	8.8	7.0	10.3	5.8	7.0	5.8	8.8	7.5	5.8
Some college or associate's degree:	28.2	32.4	33.8	31.8	32.2	32.8	32.8	28.7	28.8	28.8	38.7	38.1
In Armed Forces	0.2	1.1	0.2	0.0	1.5	1.5	1.0	0.0	0.4	0.3	3.7	2.4
Civilian employed	22.0	23.8	27.8	22.8	23.1	20.3	24.0	20.4	23.7	20.0	24.7	25.4
Civilian unemployed	1.2	0.8	1.0	0.7	0.8	1.3	1.1	0.2	1.4	0.3	0.8	0.8
Not in labor force	5.8	8.7	4.8	8.2	8.8	8.8	8.8	8.1	4.4	5.8	7.7	7.5
Bachelor's degree or higher:	28.2	38.8	24.7	28.8	32.8	18.2	38.8	48.8	41.8	27.7	28.8	28.8
In Armed Forces	0.1	1.0	0.1	0.0	1.5	1.0	2.2	0.2	0.4	0.5	2.8	2.1
Civilian employed	23.8	23.8	20.7	18.8	25.5	11.7	28.8	42.8	32.5	21.8	21.2	21.5
Civilian unemployed	0.7	0.7	0.8	0.5	0.7	0.8	0.7	0.8	1.0	0.8	0.8	0.5
Not in labor force	4.5	4.7	3.3	5.3	4.8	2.5	4.2	8.4	8.0	4.8	5.0	3.8

Source: U.S. Census Bureau, American Community Survey (annual), Detailed Tables.



Table C-1. Characteristics of Public School Students: 2005-06 to 2008-09

	Dropout rate % (4-year rate)					Retention rate 9th grade %					Graduate on-time %					Free & reduced-cost lunch program %					English second language learners %				
	2005- 2006	2006- 2007	2007- 2008	2008- 2009	08-09 Rank	2005- 2006	2006- 2007	2007- 2008	2008- 2009	08-09 Rank	2005- 2006	2006- 2007	2007- 2008	2008- 2009	08-09 Rank	2005- 2006	2006- 2007	2007- 2008	2008- 2009	08-09 Rank	2005- 2006	2006- 2007	2007- 2008	2008- 2009	08-09 Rank
Baldwin Complex	14.2	13.1	13.5	10.9	28	11.8	12.4	10.3	11.5	18	83.9	85.0	85.9	88.9	14	30.0	28.5	30.4	33.3	31	5.4	8.1	7.1	7.2	24
Mouli Complex	15.5	18.1	17.1	12.9	16	12.6	12.4	14.2	11.5	18	82.0	78.8	78.7	84.9	20	37.5	34.5	33.7	38.9	26	11.2	13.7	16.2	17.5	7
Kekaulike Complex	20.5	18.9	12.0	13.4	15	7.5	11.9	13.0	17.5	9	78.0	78.7	83.9	83.1	28	37.9	34.0	31.3	35.8	29	1.9	2.0	2.8	3.5	39
Hana Complex	12.0	14.7	13.8	12.1	20	40.5	13.8	14.3	10.0	24	80.0	78.8	81.8	78.8	31	83.5	59.9	49.2	62.3	9	0.0	0.0	0.0	0.8	42
Lahainaluna Complex	12.1	17.8	15.3	10.8	27	13.5	18.5	18.0	13.1	15	84.7	79.4	82.3	87.9	11	30.1	27.7	27.9	31.8	34	18.4	19.5	22.8	24.2	4
Lanai Complex	2.5	0.0	4.8	11.1	24	2.2	8.0	0.0	0.0	41	95.0	97.8	95.2	88.9	8	21.9	24.0	24.3	22.5	38	11.0	12.5	12.9	11.4	11
Molokai Complex	15.5	10.1	5.1	8.0	35	2.0	3.0	4.3	3.3	38	84.5	88.8	94.9	88.0	10	04.0	59.0	04.0	08.8	5	3.0	3.0	4.4	4.7	30
Kapaun Complex	8.4	11.6	6.6	8.7	33	11.3	14.8	14.8	18.6	4	88.7	80.6	88.3	83.0	25	40.9	38.0	38.1	40.9	23	4.8	6.0	6.6	6.8	29
Kauai Complex	13.4	10.5	11.2	12.8	17	7.5	15.9	15.1	8.8	26	83.4	86.2	95.4	84.8	21	32.5	31.7	28.5	33.7	30	5.6	6.1	6.7	7.5	23
Waiman Complex	5.8	10.8	15.9	13.8	13	10.8	7.9	4.5	7.8	29	82.1	84.3	83.5	85.2	19	42.3	38.8	38.3	38.8	27	7.5	8.8	8.8	7.2	24
Hilo Complex	10.9	13.8	11.8	13.5	14	15.8	11.4	9.9	13.3	13	77.8	81.5	80.7	82.8	27	53.1	51.2	50.2	55.4	11	8.1	5.3	8.3	7.2	24
Ikaupoho Complex	0.0	8.7	0.0	11.1	24	8.3	4.3	8.3	0.0	41	100.0	93.3	100.0	88.7	38	58.0	53.7	55.5	80.1	10	11.8	10.8	12.0	13.3	10
Waialea Complex	4.0	8.4	8.8	10.7	28	10.2	11.5	13.3	13.3	13	88.5	90.0	88.9	85.8	18	41.0	38.5	38.8	42.7	22	4.1	4.5	4.9	5.1	33
Kau Complex	8.8	2.4	11.3	12.3	19	5.3	7.8	2.9	1.4	40	84.8	90.5	84.9	84.2	24	88.5	81.3	88.8	71.3	3	21.3	22.1	22.9	23.2	8
Kaun Complex	13.0	12.4	13.8	21.7	8	4.5	23.3	22.9	11.4	20	82.0	81.8	78.7	73.9	35	88.7	88.9	84.7	70.9	4	7.1	8.8	8.5	8.8	18
Pahoa Complex	7.8	10.8	11.8	12.0	21	8.7	8.4	8.8	8.8	30	85.3	85.9	88.0	84.3	23	72.3	71.0	88.1	77.2	1	7.7	8.5	10.8	11.1	12
Honokaa Complex	4.3	8.7	10.9	16.8	11	5.3	4.9	8.2	5.4	34	88.7	84.3	82.9	78.3	34	44.5	41.1	40.7	48.3	20	5.8	5.5	7.1	10.3	14
Kealahou Complex	15.0	18.8	18.2	8.8	38	2.4	5.4	1.1	2.2	38	75.1	71.7	74.7	88.1	17	37.9	38.3	38.8	43.1	21	10.2	11.1	12.8	14.0	9
Kohala Complex	7.3	5.0	0.0	4.8	41	4.8	5.6	2.9	5.3	35	87.3	95.0	100.0	88.9	6	48.7	43.7	47.2	52.6	13	5.4	6.1	5.9	7.2	24
Konaheena Complex	12.8	14.9	12.4	18.0	9	12.2	12.8	12.7	8.1	33	74.2	77.0	78.8	73.2	38	48.1	48.8	43.5	50.4	15	9.5	10.1	12.2	15.1	8
Leihua Complex	10.3	13.8	9.7	18.1	12	10.8	11.2	10.7	10.5	21	87.5	82.3	88.8	82.8	29	47.7	48.2	45.3	48.8	18	8.8	8.4	8.5	9.3	18
Waialea Complex	11.8	13.4	12.1	10.1	31	7.5	1.2	10.5	8.2	25	85.0	86.6	85.9	88.8	8	52.0	51.6	48.2	50.3	16	8.8	8.6	8.3	8.2	19
Kahuku Complex	8.4	8.2	8.3	8.5	37	18.5	8.1	8.8	4.7	37	88.2	88.7	88.8	88.7	18	51.0	48.1	48.3	48.8	19	5.9	8.0	5.9	7.0	28
Nanakuli Complex	22.0	31.1	28.8	35.1	1	30.7	20.9	20.3	17.9	7	74.8	87.8	87.3	81.1	42	85.1	85.0	83.0	72.4	2	3.8	4.0	4.3	5.1	33
Waianae Complex	31.6	27.1	30.6	28.0	2	26.4	20.9	18.6	17.7	8	80.9	87.1	84.2	83.8	41	70.0	66.1	58.9	68.3	6	5.6	5.0	5.6	6.2	30
Kalaheo Complex	10.8	18.2	12.7	8.7	33	8.8	13.3	11.4	12.7	18	88.2	88.8	85.0	88.3	5	30.9	28.9	28.5	32.5	33	2.9	3.3	3.7	4.4	37
Castle Complex	13.2	18.3	18.8	23.7	4	21.9	24.7	21.7	20.8	3	81.9	77.0	74.9	72.0	37	37.1	37.1	35.7	38.1	25	2.7	2.4	2.7	3.2	40
Kailua Complex	17.5	19.4	12.2	17.9	10	17.6	22.5	14.9	10.2	22	79.5	78.7	82.7	78.5	32	48.9	48.1	48.4	48.9	17	3.8	3.8	4.1	5.1	33
Kaiser Complex	8.8	16.7	5.1	6.2	39	10.8	14.3	14.9	7.9	28	81.2	83.3	82.9	83.8	2	10.3	10.9	10.9	13.4	42	4.1	5.1	5.1	5.7	32
Kalani Complex	6.1	7.1	6.6	5.0	40	13.3	12.2	8.6	18.1	6	80.8	82.5	88.2	81.6	4	15.4	16.0	16.5	17.9	40	6.8	7.9	10.5	10.1	15
Kaimuki Complex	18.7	22.7	18.5	25.5	3	22.9	18.8	32.0	24.1	2	78.8	74.9	78.8	88.5	38	50.8	48.9	47.9	52.8	12	18.2	20.8	23.1	28.0	3
Roosevelt Complex	14.3	8.0	8.1	8.8	32	14.8	20.2	17.2	14.0	11	80.1	87.0	88.3	88.8	15	28.2	28.9	28.6	33.0	32	5.4	8.0	8.0	8.0	20
McKinley Complex	23.7	25.5	27.1	20.0	7	31.0	28.3	22.8	25.7	1	73.4	73.0	70.4	78.4	33	82.2	58.1	58.0	62.4	8	22.2	24.4	25.8	28.4	1
Farrington Complex	20.9	18.7	18.0	23.0	5	32.1	23.6	20.1	15.1	10	72.3	74.2	75.7	65.2	40	66.7	66.1	63.9	65.5	7	21.2	23.2	27.0	28.2	2
Moanalua Complex	5.8	4.7	4.8	4.2	42	9.4	8.0	8.5	5.3	35	93.4	92.3	93.0	94.0	1	20.4	20.4	19.3	21.8	39	8.7	7.1	7.5	8.5	21
Railford Complex	8.8	8.2	8.9	11.2	22	7.8	10.7	8.4	8.7	31	80.7	90.8	90.0	88.2	9	29.7	27.3	28.2	28.8	35	5.9	8.5	8.8	7.9	22
Aiea Complex	8.4	8.5	8.0	10.3	30	15.8	18.8	18.1	11.7	17	81.2	88.9	88.5	87.6	12	36.7	34.8	34.9	37.5	28	10.2	10.3	10.1	10.6	13
Pearl City Complex	11.2	11.7	8.8	11.2	22	18.5	14.9	11.3	10.2	22	84.3	84.3	81.2	82.8	27	27.7	28.4	28.9	28.5	38	5.2	5.3	5.8	8.0	31
Waipahu Complex	20.5	23.4	24.3	18.8	8	18.1	15.0	17.8	13.7	12	74.4	71.9	73.3	79.2	30	50.5	50.9	50.5	51.5	14	20.8	21.3	21.4	23.9	5
Milliken Complex	8.0	7.3	5.7	8.3	38	7.8	10.4	9.8	8.5	27	92.7	91.8	93.5	92.7	3	14.8	13.3	13.8	14.8	41	2.1	2.4	2.3	2.5	41
Campbell Complex	12.4	13.8	11.7	12.8	18	7.3	4.8	5.8	8.4	32	85.3	81.8	85.8	84.4	22	38.1	38.8	38.3	38.8	24	10.0	9.5	8.9	9.4	17
Kapolei Complex	8.5	12.4	10.3	10.4	29	18.5	21.2	18.7	18.5	4	87.2	84.8	87.8	87.3	13	28.0	28.2	28.2	28.8	37	3.4	3.2	3.6	4.0	38

Source: Hawaii State Department of Education, *Trend Report: Educational and Fiscal Accountability* (annual).
<http://hawaii.k12.hawaii.gov/trend/trend.html>.



Table C-4. Percent of 10th Graders with Term Nova Test at Average or Above: 2005-06 to 2008-09

	Term Nova 10th graders reading score average or above					Term Nova 10th graders math score average or above				
	2005- 2006 1/	2006- 2007	2007- 2008	2008- 2009	08-09 Rank	2005- 2006 1/	2006- 2007	2007- 2008	2008- 2009	08-09 Rank
Baldwin Complex	N/A	79.8	81.6	77.5	23	N/A	76.3	74.7	77.6	15
Maul Complex	N/A	76.2	78.2	74.3	28	N/A	76.6	73.7	72.9	22
Kalaupaka Complex	N/A	81.5	77.2	87.3	3	N/A	70.0	70.8	78.7	13
Hana Complex	N/A	85.2	83.3	85.2	39	N/A	76.9	70.8	68.3	39
Lahainauna Complex	N/A	78.7	77.5	77.6	22	N/A	72.1	72.2	67.1	32
Lanai Complex	N/A	80.0	84.4	84.0	6	N/A	84.4	76.6	72.0	25
Molokai Complex	N/A	82.4	85.6	86.9	5	N/A	67.1	71.1	76.2	19
Kapaa Complex	N/A	79.0	78.3	83.1	8	N/A	77.9	71.1	71.6	28
Kaunoi Complex	N/A	86.1	82.4	78.8	20	N/A	81.0	82.0	76.6	20
Waimoa Complex	N/A	84.5	76.6	77.3	25	N/A	80.7	86.3	79.2	9
Hilo Complex	N/A	69.7	70.4	72.1	30	N/A	63.7	67.7	70.3	29
Laupahoehoe Complex	N/A	71.4	80.0	63.6	42	N/A	71.4	67.1	66.7	33
Waialeale Complex	N/A	78.7	83.7	88.5	1	N/A	77.3	77.7	84.4	4
Kau Complex	N/A	79.0	69.7	68.1	33	N/A	64.4	60.0	63.9	36
Kaunoi Complex	N/A	71.4	77.8	67.0	36	N/A	24.8	69.0	63.9	41
Pahoa Complex	N/A	80.7	64.1	65.7	38	N/A	71.1	64.4	67.0	40
Honokaa Complex	N/A	76.4	80.8	66.3	37	N/A	70.6	63.4	60.7	38
Kaunoi Complex	N/A	83.6	83.2	82.7	10	N/A	82.4	71.2	71.7	27
Kohala Complex	N/A	76.6	69.4	74.6	26	N/A	72.7	69.4	69.6	30
Konaheana Complex	N/A	77.3	79.7	77.4	24	N/A	74.6	74.2	68.4	31
Lanai Complex	N/A	86.2	83.4	82.2	12	N/A	77.9	80.6	77.3	16
Waialeale Complex	N/A	78.9	77.7	76.2	21	N/A	77.8	76.6	77.7	14
Kahuku Complex	N/A	79.8	77.5	74.6	27	N/A	76.8	76.9	76.7	17
Nanakuli Complex	N/A	62.8	65.0	64.8	40	N/A	60.7	63.8	63.0	42
Waialeale Complex	N/A	62.0	68.0	68.0	34	N/A	46.6	68.6	63.9	36
Kalaheo Complex	N/A	85.6	82.1	81.0	14	N/A	83.3	84.2	83.4	5
Castle Complex	N/A	81.2	79.6	67.6	35	N/A	79.7	85.1	72.6	24
Kailua Complex	N/A	72.2	71.6	69.9	31	N/A	73.4	72.7	73.6	21
Kaunoi Complex	N/A	83.1	79.8	83.4	7	N/A	88.9	82.6	83.2	6
Kaunoi Complex	N/A	86.8	86.6	87.1	4	N/A	90.4	89.7	92.1	1
Kaimuki Complex	N/A	62.9	69.6	64.2	41	N/A	60.2	68.0	66.6	35
Roosevelt Complex	N/A	83.7	83.2	79.4	19	N/A	86.0	86.2	81.6	8
McKinley Complex	N/A	77.8	76.1	80.1	16	N/A	84.3	80.1	85.6	2
Fanning Complex	N/A	66.6	66.7	69.0	32	N/A	66.0	71.6	72.9	22
Moanalua Complex	N/A	82.8	76.8	83.1	8	N/A	83.6	79.8	82.8	7
Radford Complex	N/A	82.8	79.6	79.8	18	N/A	79.9	80.4	78.8	11
Alaa Complex	N/A	76.9	77.0	82.6	11	N/A	79.7	81.4	78.8	11
Pearl City Complex	N/A	74.9	76.4	80.9	15	N/A	76.6	76.3	79.2	9
Waipahu Complex	N/A	68.3	76.7	74.0	29	N/A	71.1	72.0	66.7	33
Millard Complex	N/A	87.8	89.6	86.3	2	N/A	86.9	86.6	85.6	2
Campbell Complex	N/A	76.0	79.1	80.1	16	N/A	76.7	72.3	76.6	18
Kapolei Complex	N/A	83.4	76.6	81.3	13	N/A	74.4	74.1	71.9	26

1/ Term Nova replaced the Stanford Achievement Test in 2007. These two test results are not comparable.

Source: Hawaii State Department of Education, *Trend Report: Educational and Fiscal Accountability* (annual),

<<http://edeh.k12.hi.us/school/trends/trends.html>>.



D. Housing and Vehicles

Homeownership was higher in Mililani-Waipahu-Ewa (71.6% in PUMA 307), Koolaupoko (70.1% in PUMA 302) and Makapuu-Manoa stream (69.3% in PUMA 303) than the national average of 66.6% in 2008 (Table D-2).

Renter occupied units dominated in Manoa-Waikiki-Kakaako-Tantalus (PUMA 304) and Pauoa-Downtown-Kalihi (PUMA 305). About 59.1% of housing units in PUMA 304 and 52.2% of those in PUMA 305 were renter occupied in 2008. These two areas also reported lower rates of vehicle ownership.

Households with no vehicles accounted for 21.1% in PUMA 304 and 18.3% in PUMA 305 in 2008 (Table D-1). These areas are generally closer to shopping centers, schools and businesses on Oahu, and are the most crowded areas with restricted parking.

PUMA 304, Manoa-Waikiki-Kakaako-Tantalus area, had more studio units (13.1% in 2005 and 2007, 13.4% in 2006 and 15.1% in 2008) and one bedroom units (39.5% in 2005, 38.7% in 2006, 37.1% in 2007 and 33.9% in 2008) in condominium/apartments (Table D-1).

Therefore, the monthly gross rent in this area was relatively lower (Table D-4). PUMA 304 was dominated by apartments /condominiums rather than single family homes. 68.5% of structures had 20 or more units in PUMA 304 in 2008 while the single family home is the more common type of structure in suburbs and rural areas in Hawaii.

Hawaii had higher homeowner costs than the U.S. on average. In 2008, almost 60% of the homeowners in Hawaii paid monthly fees of \$2,000 or more, as compared with only 31.0 percent paying this amount or more at the U.S level.

Homeowner costs on the Big Island were less than other islands in the state, with 44.6 percent of homeowners on that island paying \$2,000 or more per month (Table D-3).

Monthly homeowner costs include mortgage payments, deeds of trust, contracts to purchase, or similar debts on the property, property taxes, fire, hazard and flood insurance, utilities and fuels, the monthly maintenance fee for condominiums and mobile home costs.

High mortgage payments were probably the primary cause of higher monthly homeowner costs in Hawaii.

The median monthly homeowner cost in Hawaii was \$2,265 in 2008, as compared with \$1,514 for the U.S. The median homeowner cost in PUMA 303 (Makapuu-Manoa Stream) was \$2,748 per month and in PUMA 302 (Koolaupoko) was \$2,702 per month 2008, the two highest areas in the state.

The median monthly rent in Hawaii was \$1,298 in 2008, 57.5% higher than the U.S. average.



Table D-1. Housing Characteristics: 2000 to 2000 (% of total housing units)

	U.S.	State	Maui county, Kauai county and Kauai county	Hawaii county	Honolulu county	Rural Oahu	Koolau- poko	Makapuu- Manoa stream	Manoa- Waikele- Kalaheo- Tantalus	Puuoa- Down- town- Kalihi	Moana- Ia- Airport- Pearl City	Waikiki- Waipahu- Ewa
UNITS IN STRUCTURE												
2000												
1-unit, detached	61.9	53.5	58.2	77.7	48.2	54.4	67.1	65.3	11.2	37.7	44.5	60.1
1-unit, attached	5.7	5.9	4.9	1.1	7.3	13.0	8.9	6.6	2.0	5.3	12.7	6.7
2 units	3.9	3.5	6.1	2.2	3.1	6.8	3.5	3.8	1.9	4.6	2.2	1.3
3 or 4 units	4.5	4.4	4.2	3.4	4.7	6.2	4.3	3.2	2.2	5.3	4.9	7.1
5 to 9 units	4.9	7.0	6.4	6.4	7.3	5.8	4.3	4.4	5.7	3.6	8.5	14.5
10 to 19 units	4.5	4.9	5.9	3.2	5.0	1.9	1.7	2.5	8.3	6.7	4.2	6.2
20 or more units	8.0	20.6	13.0	5.5	26.3	11.9	9.8	14.2	68.5	36.4	22.8	4.0
Mobile home	6.6	0.2	0.2	0.5	0.1	0.0	0.4	0.0	0.0	0.1	0.0	0.1
Boat, RV, van, etc.	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.2	0.0
2007												
1-unit, detached	61.7	54.0	61.5	77.1	48.6	58.6	68.3	68.6	11.6	36.0	43.5	58.9
1-unit, attached	5.7	6.7	4.4	1.8	8.5	11.9	11.4	7.8	2.0	8.3	14.4	8.3
2 units	4.0	2.4	4.0	2.0	2.1	4.8	1.9	2.2	1.9	1.2	2.7	1.0
3 or 4 units	4.5	4.3	3.3	2.6	5.0	3.9	7.3	3.1	3.5	6.1	5.5	5.9
5 to 9 units	4.9	7.1	5.9	5.4	7.9	8.9	5.3	3.3	5.2	6.5	8.7	15.7
10 to 19 units	4.5	5.4	6.3	4.1	5.5	4.1	2.9	2.5	10.1	7.5	3.3	5.1
20 or more units	7.9	19.8	14.4	6.6	24.4	9.6	4.7	11.3	65.8	34.1	21.5	5.0
Mobile home	6.7	0.2	0.4	0.5	0.1	0.0	0.1	0.1	0.0	0.1	0.3	0.1
Boat, RV, van, etc.	0.1	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.1	0.0	0.1
2008												
1-unit, detached	61.4	53.7	61.3	76.0	48.5	58.8	68.0	68.5	13.1	34.4	44.8	58.7
1-unit, attached	5.7	6.8	6.3	3.1	7.8	10.4	12.0	7.5	1.7	8.4	12.7	6.1
2 units	4.0	2.9	3.4	2.7	2.9	6.2	2.0	2.1	0.9	4.7	4.2	2.2
3 or 4 units	4.6	5.2	2.9	4.8	5.9	4.8	5.2	5.1	5.4	3.9	5.7	8.2
5 to 9 units	4.9	6.4	5.7	4.3	7.0	6.1	4.1	3.2	5.8	5.7	5.4	14.6
10 to 19 units	4.5	4.9	5.7	2.5	5.2	4.0	1.8	1.0	10.9	6.7	3.2	5.4
20 or more units	7.9	19.8	14.7	6.3	24.4	11.4	8.8	11.7	62.2	34.6	23.8	5.6
Mobile home	6.9	0.2	0.0	0.2	0.2	0.3	0.0	0.0	0.1	0.6	0.1	0.3
Boat, RV, van, etc.	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
2009												
1-unit, detached	61.1	53.5	61.2	76.1	48.5	55.6	71.7	68.8	11.2	32.5	44.8	58.5
1-unit, attached	5.7	6.0	4.7	2.1	7.2	8.9	8.3	8.2	1.7	9.7	10.6	6.8
2 units	4.0	2.8	2.8	2.9	2.9	4.5	1.8	3.1	2.4	4.1	1.5	3.2
3 or 4 units	4.6	4.8	3.5	3.8	5.4	10.0	4.3	2.7	3.3	3.5	7.1	7.4
5 to 9 units	5.0	7.0	7.0	4.2	7.6	5.4	4.9	3.0	8.2	7.6	7.8	12.6
10 to 19 units	4.5	5.4	5.1	2.7	6.1	5.4	2.3	2.9	11.0	7.6	5.0	5.5
20 or more units	8.0	20.1	15.7	7.6	24.0	10.1	6.3	10.3	61.8	34.4	22.6	5.1
Mobile home	7.0	0.2	0.1	0.7	0.1	0.0	0.4	0.0	0.1	0.2	0.1	0.0
Boat, RV, van, etc.	0.1	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.3	0.5	0.4	0.0
BEDROOMS												
2000												
No bedroom	5.2	7.4	8.5	6.8	7.3	8.3	2.2	4.2	15.1	11.5	7.0	1.3
1 bedroom	10.6	13.2	14.8	10.7	13.4	9.4	3.9	9.4	33.9	19.7	8.5	1.9
2 bedrooms	26.1	25.7	26.6	24.1	25.8	21.0	18.0	22.5	34.1	25.8	24.2	27.3
3 bedrooms	38.5	34.6	35.3	44.8	31.9	37.5	43.7	37.4	10.0	25.0	38.3	41.2
4 bedrooms	15.5	13.2	11.0	10.7	14.5	16.8	22.0	18.2	3.6	7.5	16.1	20.7
5 or more bedrooms	4.0	5.9	3.8	3.1	7.1	6.9	10.1	8.2	3.3	10.5	5.9	7.7
2007												
No bedroom	1.3	4.2	3.5	4.9	4.3	2.9	1.8	0.9	13.1	4.8	1.6	1.0
1 bedroom	11.5	15.2	15.9	10.2	16.2	11.6	3.5	12.6	37.1	28.0	10.4	5.2
2 bedrooms	27.5	26.8	28.9	23.7	26.9	23.1	20.5	18.6	35.7	29.6	30.2	25.1
3 bedrooms	40.0	34.5	37.2	44.3	31.5	39.2	47.0	35.3	8.8	21.8	37.0	41.9
4 bedrooms	15.7	13.4	11.4	13.4	14.0	18.2	18.6	22.0	2.5	7.8	14.3	19.5
5 or more bedrooms	3.9	5.8	3.2	3.6	7.0	4.9	8.6	10.7	2.9	10.4	6.6	7.4
2008												
No bedroom	1.3	4.6	3.7	4.8	4.8	3.4	1.4	2.8	13.4	5.9	2.5	1.8
1 bedroom	11.8	14.5	14.9	12.0	15.0	8.4	6.7	6.8	38.7	23.1	7.9	5.8
2 bedrooms	27.8	27.6	29.5	25.7	27.5	28.3	17.2	19.5	34.9	32.0	31.5	28.2
3 bedrooms	39.8	35.3	38.3	42.6	32.5	39.0	43.8	38.4	8.1	19.8	38.9	45.0
4 bedrooms	15.5	12.8	8.2	11.7	14.3	16.3	22.9	20.5	2.7	10.1	15.8	17.0
5 or more bedrooms	3.9	5.3	4.4	3.4	5.9	6.5	8.2	11.5	2.2	9.1	3.4	4.6
2009												
No bedroom	1.3	5.1	4.8	7.4	4.8	3.8	1.4	1.2	13.1	8.8	2.8	1.2
1 bedroom	12.0	15.3	18.3	7.8	16.1	13.7	4.2	8.8	38.5	23.8	9.7	4.8
2 bedrooms	28.2	26.8	27.8	23.5	27.0	22.8	15.0	21.2	33.7	32.2	31.2	26.4
3 bedrooms	39.7	34.3	35.5	46.0	31.4	38.1	49.8	38.1	8.4	18.9	34.1	42.9
4 bedrooms	15.2	12.5	9.7	10.0	13.8	14.8	21.3	21.2	2.3	8.5	15.0	18.8
5 or more bedrooms	3.7	6.2	4.0	5.3	6.9	7.3	8.3	9.7	3.0	9.8	7.4	6.2

Continued on next page.



Table D-1. Housing Characteristics: 2005 to 2008 (% of total housing units) -Con.

	U.S.	State	Mau county, Kauai county and Kauai county	Hawaii county	Honolulu county	Rural Oahu	Koolau- poko	Makapuu- Manoa stream	Manoa- Waikiki- Kalihi	Puu- Down- town- Kalihi	Moana- Airport- Pearl City	Maunaloa- Waipahu- Ewa
YEAR STRUCTURE BUILT												
2008												
Built 2005 or later	3.8	2.8	3.8	3.8	2.3	2.5	1.5	1.6	1.3	1.6	3.6	3.7
Built 2000 to 2004	8.5	6.2	7.5	7.0	5.6	3.4	4.9	5.0	2.0	2.5	3.0	14.7
Built 1990 to 1999	14.2	14.3	17.6	20.1	12.0	13.8	4.7	7.5	7.6	7.4	7.1	28.2
Built 1980 to 1989	14.2	15.9	24.3	20.4	12.5	13.7	13.2	12.1	7.0	11.3	14.5	16.8
Built 1970 to 1979	16.5	25.6	24.8	22.6	28.5	30.5	23.6	19.5	33.3	23.4	34.1	20.1
Built 1960 to 1969	11.4	16.5	9.9	8.1	20.4	16.8	27.0	20.8	27.9	19.1	21.7	10.4
Built 1950 to 1959	11.4	10.1	6.0	6.9	12.0	8.1	16.6	18.9	11.9	17.3	12.4	4.3
Built 1940 to 1949	5.9	4.6	3.2	4.0	5.1	7.4	5.9	8.5	4.4	10.6	1.8	1.2
Built 1939 or earlier	14.1	4.0	3.0	7.0	3.6	3.8	2.5	6.1	4.6	6.9	2.0	0.7
2007												
Built 2005 or later	3.3	3.1	2.9	3.6	3.1	1.7	1.1	3.2	1.8	0.8	5.0	6.3
Built 2000 to 2004	8.6	6.4	7.1	9.7	5.4	5.4	3.1	5.0	2.2	0.8	4.2	13.7
Built 1990 to 1999	13.9	13.1	18.9	16.6	10.6	8.7	5.7	6.7	5.7	7.7	5.6	27.0
Built 1980 to 1989	14.3	14.7	21.6	21.1	11.3	9.7	13.5	8.6	7.5	8.9	13.9	16.1
Built 1970 to 1979	16.6	27.6	28.6	26.1	27.6	28.9	26.5	17.3	37.6	25.8	33.7	20.7
Built 1960 to 1969	11.5	16.2	9.0	9.9	19.7	19.3	25.8	19.5	23.7	18.2	22.5	11.0
Built 1950 to 1959	11.4	9.5	4.2	3.8	12.3	13.5	17.7	18.6	12.1	17.1	9.5	4.2
Built 1940 to 1949	5.8	4.5	2.6	3.5	5.3	7.1	4.0	9.3	5.2	10.5	3.6	0.9
Built 1939 or earlier	14.5	4.9	4.9	5.8	4.7	5.7	2.6	11.8	4.1	10.3	2.0	0.3
2006												
Built 2005 or later	1.8	1.4	1.9	1.6	1.2	0.8	0.1	1.5	0.3	0.0	1.8	2.8
Built 2000 to 2004	8.6	6.3	8.5	8.4	5.2	2.8	2.7	3.7	1.2	2.0	4.7	14.7
Built 1990 to 1999	14.3	14.5	19.2	22.3	11.5	8.8	6.5	8.4	6.3	8.3	7.7	26.8
Built 1980 to 1989	14.5	15.2	20.6	22.2	12.1	12.2	11.3	8.5	8.0	12.4	13.0	17.9
Built 1970 to 1979	16.8	28.7	28.7	23.1	27.0	28.4	22.3	22.2	38.0	24.6	31.6	20.0
Built 1960 to 1969	11.7	15.9	8.0	8.0	19.8	19.7	25.1	18.9	23.7	21.5	22.4	10.9
Built 1950 to 1959	11.6	10.3	5.6	4.6	12.9	13.9	22.4	20.7	12.2	12.9	12.7	3.1
Built 1940 to 1949	6.0	4.8	3.0	3.2	5.7	8.0	6.4	7.3	4.9	10.7	4.5	2.2
Built 1939 or earlier	14.6	4.9	4.5	6.6	4.6	7.5	3.1	8.7	5.4	7.7	1.7	1.4
2005												
Built 2005 or later	0.5	0.4	0.4	0.3	0.4	0.6	0.0	0.9	0.1	0.2	0.2	0.7
Built 2000 to 2004	7.9	5.0	5.8	5.0	4.8	1.2	2.0	3.9	2.7	3.1	3.0	13.7
Built 1990 to 1999	14.7	14.8	19.5	21.8	11.9	11.0	6.7	9.1	8.3	5.5	7.9	28.4
Built 1980 to 1989	14.9	16.6	25.1	26.8	12.1	13.1	16.4	8.3	8.9	11.2	11.6	15.7
Built 1970 to 1979	17.3	26.4	27.0	20.8	27.5	33.5	18.1	22.7	33.1	22.4	36.9	22.6
Built 1960 to 1969	12.0	17.6	8.8	8.9	22.0	14.0	29.2	20.6	29.1	21.9	24.9	12.9
Built 1950 to 1959	11.8	10.5	6.8	4.9	12.8	13.8	21.4	16.6	9.5	20.5	11.6	4.3
Built 1940 to 1949	6.3	4.7	2.0	4.5	5.5	6.9	4.6	10.8	5.4	9.7	2.9	1.4
Built 1939 or earlier	14.7	4.0	4.7	6.9	3.1	5.8	1.7	7.1	2.8	5.6	1.2	0.4
YEAR HOUSEHOLDER MOVED INTO UNIT												
2008												
Moved in 2005 or later	36.8	36.0	37.1	32.6	36.4	39.2	28.2	25.0	46.7	28.1	38.6	40.9
Moved in 2000 to 2004	22.3	20.5	20.2	25.8	19.5	19.3	19.1	19.1	20.9	19.3	15.4	21.4
Moved in 1990 to 1999	20.4	17.4	18.2	19.4	16.8	15.5	16.7	17.9	13.9	19.7	13.4	20.2
Moved in 1980 to 1989	9.2	10.2	11.3	10.1	9.9	11.7	12.6	12.2	7.4	9.3	10.8	8.2
Moved in 1970 to 1979	6.1	7.6	5.9	6.8	8.2	7.4	8.8	10.9	5.5	11.8	9.2	6.2
Moved in 1969 or earlier	5.2	8.3	7.3	5.4	9.2	6.8	14.6	14.8	5.5	11.7	12.6	3.2
2007												
Moved in 2005 or later	30.1	29.6	27.5	24.5	31.2	29.4	25.1	23.6	38.1	24.3	34.7	35.4
Moved in 2000 to 2004	25.7	23.5	25.7	25.7	22.5	23.7	20.3	19.8	25.7	21.4	18.7	25.0
Moved in 1990 to 1999	22.2	19.3	19.9	22.4	18.5	20.4	19.2	17.2	15.8	22.5	13.0	22.1
Moved in 1980 to 1989	9.8	10.6	11.8	12.2	10.0	10.1	12.3	12.6	9.1	9.0	10.8	8.1
Moved in 1970 to 1979	6.5	8.1	7.9	7.8	8.2	8.0	10.8	9.8	5.8	9.1	12.2	5.1
Moved in 1969 or earlier	5.7	9.0	7.4	7.5	9.6	8.3	12.3	17.2	5.9	13.7	10.8	4.3
2006												
Moved in 2005 or later	21.5	21.0	21.4	17.8	21.7	20.0	17.4	14.4	28.7	15.9	28.3	23.7
Moved in 2000 to 2004	31.1	28.4	31.4	32.2	28.4	28.5	24.2	24.6	32.7	28.3	23.3	33.0
Moved in 1990 to 1999	24.1	21.4	23.2	23.0	20.8	23.8	20.9	19.7	18.6	22.5	14.3	23.7
Moved in 1980 to 1989	10.4	10.7	10.0	13.2	10.4	10.6	13.8	12.6	8.0	10.9	9.3	9.4
Moved in 1970 to 1979	6.8	8.2	6.7	7.2	8.8	9.2	9.9	12.3	5.8	9.7	10.9	6.4
Moved in 1969 or earlier	6.1	9.2	7.4	6.8	10.1	8.0	13.8	16.5	7.5	12.8	13.7	3.8
2005												
Moved in 2000 or later	48.8	48.6	48.2	45.0	48.5	51.1	36.0	35.5	55.6	44.7	45.4	50.9
Moved in 1995 to 1999	16.7	13.0	12.5	14.6	12.8	14.1	12.7	12.0	13.2	10.5	10.5	15.4
Moved in 1990 to 1994	9.8	9.2	10.1	12.1	8.5	7.5	10.5	9.2	7.7	7.7	6.8	9.8
Moved in 1980 to 1989	11.0	12.8	13.8	12.6	12.8	13.4	14.9	13.6	11.5	14.0	11.8	11.0
Moved in 1970 to 1979	7.3	9.2	7.2	9.3	9.8	7.0	10.2	11.6	8.3	10.1	11.9	8.3
Moved in 1969 or earlier	6.5	9.2	8.1	6.4	10.0	6.9	15.7	18.1	3.7	13.0	13.7	4.5

Continued on next page.



Table D-4. Housing Characteristics: 2005 to 2006 -Con

	U.S.	State	Mau county, Kauai county and Kauai county	Hawaii county	Honolulu county	Rural Oahu	Koolau- poko	Makapu- u Manoa stream	Manoa- Walden- Kalahele Tantalus	Pauoa- Down- town- Kalihi	Moana- Ia- Airport- Pearl City	Maunaloa- Ewa
VEHICLES AVAILABLE (% of households) 2006												
No vehicles available	8.8	8.4	4.8	5.5	9.9	7.7	5.3	7.7	21.1	18.3	8.3	2.7
1 vehicle available	33.4	32.7	28.4	31.1	34.1	27.8	25.6	31.8	51.0	42.0	33.3	24.6
2 vehicles available	37.8	37.4	40.4	42.5	35.6	37.2	40.8	41.7	20.5	22.0	39.7	46.2
3 or more vehicles available	20.0	21.5	26.4	21.0	20.4	27.3	28.3	18.8	7.4	17.8	20.8	26.5
(% of households) 2007												
No vehicles available	8.7	8.5	4.5	4.1	10.3	8.7	4.7	8.2	22.7	18.8	4.5	4.0
1 vehicle available	33.1	34.2	30.4	30.1	38.0	32.5	28.2	30.8	55.1	44.2	38.5	23.7
2 vehicles available	38.1	35.4	39.7	39.1	33.6	33.5	40.4	37.4	17.3	24.0	38.1	43.7
3 or more vehicles available	20.1	21.9	25.4	26.8	20.1	25.3	26.6	23.7	4.9	13.0	20.9	28.6
(% of households) 2008												
No vehicles available	8.8	8.9	4.8	5.4	10.6	9.5	5.1	6.0	22.4	22.4	4.8	5.1
1 vehicle available	33.2	33.6	32.8	30.9	34.4	29.5	24.8	28.8	52.3	42.1	34.8	26.3
2 vehicles available	38.0	36.5	38.6	40.7	35.6	33.9	45.6	40.8	21.6	22.4	40.3	43.2
3 or more vehicles available	20.0	20.9	25.8	23.0	19.4	27.1	24.6	24.6	3.7	13.1	20.1	25.4
(% of households) 2009												
No vehicles available	8.9	8.7	4.4	5.2	10.4	8.7	3.3	7.1	22.3	21.0	4.7	4.7
1 vehicle available	33.1	34.4	29.2	31.8	36.1	35.2	26.4	27.8	55.5	42.1	36.9	24.8
2 vehicles available	38.2	35.9	42.3	41.5	33.3	31.7	41.5	40.9	17.4	24.2	38.0	41.9
3 or more vehicles available	19.8	21.0	24.1	21.4	20.2	26.4	28.6	24.1	4.8	12.8	20.3	28.6
SELECTED CHARACTERISTICS (% of households) 2006												
Lacking complete plumbing facilities	0.7	0.9	1.2	2.2	0.6	1.1	0.0	0.0	0.5	1.8	0.0	1.0
Lacking complete kitchen facilities	0.9	1.7	2.5	1.6	1.5	1.8	0.8	1.6	2.7	2.0	0.7	1.1
No telephone service available	1.8	1.9	1.8	1.4	2.0	7.9	0.0	3.0	2.0	1.1	0.3	1.1
(% of households) 2007												
Lacking complete plumbing facilities	0.4	0.8	0.4	2.7	0.5	1.0	0.0	0.3	0.5	1.6	0.1	0.3
Lacking complete kitchen facilities	0.6	1.2	1.5	1.8	1.1	0.8	1.1	0.9	1.6	2.1	0.5	0.5
No telephone service available	5.4	5.1	4.9	3.8	5.5	9.5	4.8	2.4	6.9	6.5	5.8	4.0
(% of households) 2008												
Lacking complete plumbing facilities	0.4	0.5	0.6	1.4	0.3	0.2	0.2	0.2	0.6	0.2	0.0	0.3
Lacking complete kitchen facilities	0.6	1.3	1.4	1.4	1.3	1.1	1.0	1.9	1.8	1.7	0.7	1.0
No telephone service available	5.9	4.3	5.2	4.2	4.0	6.5	4.1	4.1	3.8	4.2	3.3	3.5
(% of households) 2009												
Lacking complete plumbing facilities	0.4	0.5	0.7	1.4	0.3	0.2	0.2	0.3	0.4	0.5	0.0	0.3
Lacking complete kitchen facilities	0.6	1.0	1.5	1.8	0.8	1.8	0.5	0.9	0.8	1.0	0.8	0.2
No telephone service available	5.2	4.4	5.0	4.9	4.1	8.5	3.1	1.9	6.1	5.6	1.9	3.1





Table D-2. Housing Occupancy: 2005 to 2008

	U.S.	State	Maui county, Maui county and Kauai county	Hawaii county	Honolulu county	Rural Oahu	Koolau- poko	Makapu- u-Manoa stream	Manoa- Waiman- ala-Tantalus	Pauoa- Down- town- Kalihi	Moana- Ia- Airport- Pearl City	Mililani- Waipahu- Ewa
HOUSING OCCUPANCY												
2008												
Occupied housing units (% of total units)	87.6	85.2	74.1	79.3	89.8	87.2	97.1	92.0	90.9	90.7	93.1	92.2
Owner-occupied (% of occupied units)	66.6	59.1	58.5	64.3	58.2	51.6	70.1	69.3	40.9	47.8	53.8	71.6
Renter-occupied (% of occupied units)	33.4	40.9	41.5	35.7	41.8	48.4	29.9	30.7	59.1	52.2	46.2	28.4
Vacant housing units (% of total units)	12.4	14.8	25.9	20.7	10.2	12.8	2.9	8.0	19.1	9.3	6.9	7.8
Homeowner vacancy rate (% of owner-occupied)	2.7	2.4	2.8	3.3	2.1	1.2	0.8	1.0	6.7	1.3	1.6	2.4
(% of renter-occupied)	7.9	10.0	28.1	13.7	4.3	5.0	0.5	4.6	5.0	3.3	4.1	5.4
Average household size of owner-occupied unit	2.7	3.0	3.1	2.7	3.0	3.6	3.1	2.7	2.1	3.1	3.0	3.4
Average household size of renter-occupied unit	2.4	2.7	2.6	2.8	2.8	3.2	2.9	2.4	2.1	2.7	3.0	3.5
2007												
Occupied housing units (% of total units)	87.9	86.8	76.2	81.5	91.0	88.6	92.6	93.3	80.9	94.5	94.7	96.7
Owner-occupied (% of occupied units)	67.2	59.6	62.6	68.4	57.0	51.4	64.8	69.6	40.9	47.3	54.9	68.3
Renter-occupied (% of occupied units)	32.8	40.4	37.4	31.6	43.0	48.6	35.2	30.4	59.1	52.7	45.1	31.7
Vacant housing units (% of total units)	12.1	13.2	23.8	18.5	9.0	13.4	7.4	6.7	19.1	5.5	5.3	3.3
Homeowner vacancy rate (% of owner-occupied)	2.5	1.2	1.5	1.3	1.1	1.2	2.4	2.1	0.9	0.8	0.6	0.3
(% of renter-occupied)	7.9	9.9	24.9	13.7	5.3	6.5	3.8	3.6	8.3	4.4	4.4	3.2
Average household size of owner-occupied unit	2.7	3.0	3.0	2.7	3.1	3.4	3.2	2.8	2.0	3.2	3.1	3.5
Average household size of renter-occupied unit	2.4	2.6	2.5	2.5	2.7	3.6	3.2	2.3	1.8	2.4	3.1	3.1
2006												
Occupied housing units (% of total units)	88.4	86.5	76.2	84.0	89.9	85.5	94.7	92.3	79.7	93.2	91.1	95.4
Owner-occupied (% of occupied units)	67.3	59.5	60.9	65.0	58.1	53.9	68.5	74.3	38.2	47.4	52.5	70.1
Renter-occupied (% of occupied units)	32.7	40.5	39.1	35.0	41.9	46.1	31.5	25.7	61.8	52.6	47.5	29.9
Vacant housing units (% of total units)	11.6	13.5	23.8	16.0	10.1	14.5	5.3	7.7	20.3	6.8	8.9	4.6
Homeowner vacancy rate (% of owner-occupied)	2.2	1.1	1.9	1.0	0.9	0.1	0.0	0.7	2.5	0.0	0.9	1.4
(% of renter-occupied)	7.7	6.1	11.2	6.7	4.7	4.2	1.2	3.1	7.3	4.7	6.9	0.9
Average household size of owner-occupied unit	2.7	3.0	3.2	2.7	3.1	4.1	3.2	3.0	2.1	3.3	2.9	3.3
Average household size of renter-occupied unit	2.4	2.7	2.5	2.7	2.7	3.4	3.0	2.6	1.8	2.7	3.0	3.2
2005												
Occupied housing units (% of total units)	89.2	87.6	77.9	82.6	91.3	85.9	96.2	91.5	84.0	95.2	94.0	94.4
Owner-occupied (% of occupied units)	66.9	59.7	62.1	67.2	57.6	50.9	68.2	72.5	37.9	45.9	56.4	72.3
Renter-occupied (% of occupied units)	33.1	40.3	37.9	32.8	42.4	49.1	31.8	27.5	62.1	54.1	43.6	27.7
Vacant housing units (% of total units)	10.8	12.4	22.1	17.4	8.7	14.1	3.8	8.5	16.0	4.8	6.0	5.6
Homeowner vacancy rate (% of owner-occupied)	1.7	0.9	1.3	1.9	0.6	0.6	0.0	1.2	0.8	0.9	0.0	0.6
(% of renter-occupied)	7.7	4.7	4.0	8.3	4.3	1.9	2.9	1.0	4.4	4.2	6.5	6.0
Average household size of owner-occupied unit	2.7	3.0	3.0	2.9	3.1	4.0	3.3	2.8	2.0	3.4	2.9	3.4
Average household size of renter-occupied unit	2.4	2.6	2.7	2.6	2.6	3.5	3.0	2.7	1.9	2.4	2.9	3.2

Source: U.S. Census Bureau, American Community Survey (annual), Housing Characteristics <[30](http://factfinder.census.gov/servlet/DatasetMainPageServlet?_lang=en&_ts=> calculations by the Hawaii State Department of Business, Economic Development & Tourism.</p>
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Table D-4. Monthly Gross Rent: 2005 and 2006
(% of total rental units)

	U.S.	State	Maua county, Kauai and Kauai county	Hawaii county	Honolulu county	Rural Oahu	Koolau- poko	Makapu- u Makapu- u	Makapu- u Makapu- u	Paua- Down- town Kalihi	Mauna- Kalihi City	Mauna- Kalihi City
Rent level												
2005												
Less than \$500	16.4	7.7	6.2	9.6	7.7	8.3	(2)	(2)	7.0	21.4	(2)	(2)
\$500 to \$999	47.1	20.5	20.5	30.5	18.7	19.5	(2)	(2)	28.8	30.8	(2)	(2)
\$1,000 to \$1,499	21.4	27.4	32.2	28.7	28.4	22.1	(2)	(2)	34.9	28.2	(2)	(2)
\$1,500 or more	10.6	36.8	31.6	19.3	41.1	40.2	(2)	(2)	25.1	14.7	(2)	(2)
No cash rent	5.8	7.6	9.5	13.9	6.1	9.8	(2)	(2)	6.2	5.1	(2)	(2)
Median monthly gross rent (dollar)	824	1,298	1,286	1,049	1,362	1,366	1,779	1,573	1,142	918	1,702	1,758
2007												
Less than \$500	17.1	8.8	9.6	14.3	7.7	4.7	(2)	(2)	7.2	22.9	(2)	(2)
\$500 to \$999	48.5	25.3	17.9	28.3	28.3	27.2	(2)	(2)	42.8	36.4	(2)	(2)
\$1,000 to \$1,499	19.5	27.1	37.8	25.4	25.1	23.0	(2)	(2)	29.8	22.2	(2)	(2)
\$1,500 or more	9.0	31.0	27.3	19.8	33.5	33.3	(2)	(2)	15.0	13.7	(2)	(2)
No cash rent	5.9	7.9	7.4	12.2	7.3	11.8	(2)	(2)	5.3	4.9	(2)	(2)
Median monthly gross rent (dollar)	789	1,194	1,280	1,020	1,206	1,245	1,605	1,232	983	880	1,629	1,582
2006												
Less than \$500	18.6	9.6	7.6	15.4	9.0	9.8	(2)	(2)	7.1	28.1	(2)	7.8
\$500 to \$999	49.5	28.5	23.9	34.0	28.6	32.9	(2)	(2)	44.4	36.9	(2)	17.7
\$1,000 to \$1,499	18.3	28.7	33.9	27.7	24.9	24.0	(2)	(2)	28.5	20.3	(2)	28.9
\$1,500 or more	7.6	25.5	24.9	13.7	27.7	17.6	(2)	(2)	13.9	9.5	(2)	41.7
No cash rent	6.1	9.7	9.6	9.2	9.8	15.1	(2)	(2)	6.2	5.1	(2)	4.0
Median monthly gross rent (dollar)	763	1,116	1,212	940	1,127	988	1,514	1,528	970	811	1,509	1,406
2005												
Less than \$500	20.5	10.6	11.5	14.1	9.9	6.9	4.4	4.2	8.4	28.9	2.2	(2)
\$500 to \$999	51.1	34.6	31.1	39.2	34.6	33.9	22.3	23.1	54.7	37.3	21.6	(2)
\$1,000 to \$1,499	18.1	24.5	29.0	24.3	23.5	17.3	30.3	24.3	21.1	18.1	30.0	(2)
\$1,500 or more	6.3	20.0	17.1	8.8	22.3	28.3	25.7	37.5	9.9	10.9	28.1	(2)
No cash rent	6.0	10.4	11.4	13.6	9.7	15.6	17.3	10.9	5.8	4.7	18.1	(2)
Median monthly gross rent (dollar)	728	995	1,025	820	1,012	1,041	1,277	1,573	872	813	1,315	1,337
Monthly gross rent as a % of household income												
2005												
Less than 15.0 percent	12.0	6.6	6.7	10.7	6.6	16.7	6.8	7.6	6.5	12.5	7.8	5.8
15.0 to 19.9 percent	11.7	9.7	11.8	12.5	8.8	6.1	5.7	14.9	8.2	11.7	9.8	6.1
20.0 to 24.9 percent	12.0	10.8	10.1	7.7	11.5	11.0	13.1	12.5	11.8	11.1	10.5	11.6
25.0 to 29.9 percent	10.8	10.3	11.2	8.2	10.4	8.2	13.1	8.0	7.8	14.7	12.8	11.0
30.0 to 34.9 percent	6.5	8.5	10.2	8.0	8.5	8.3	8.8	13.8	8.2	8.0	7.7	10.1
35.0 percent or more	37.8	41.9	38.7	38.8	43.4	43.0	43.1	32.7	45.3	36.3	47.9	50.0
Not computed 1/	7.3	9.2	11.6	16.1	7.6	11.8	8.7	8.6	8.1	6.8	3.6	6.4
2007												
Less than 15.0 percent	12.1	9.2	10.3	9.3	9.0	8.4	(2)	(2)	8.9	13.6	(2)	(2)
15.0 to 19.9 percent	11.9	9.9	13.1	14.5	8.6	6.8	(2)	(2)	5.8	12.0	(2)	(2)
20.0 to 24.9 percent	12.1	11.7	10.5	12.1	11.9	8.4	(2)	(2)	8.5	14.8	(2)	(2)
25.0 to 29.9 percent	10.8	11.3	14.6	8.6	11.1	8.2	(2)	(2)	11.6	11.1	(2)	(2)
30.0 to 34.9 percent	8.4	8.8	7.9	10.1	8.8	8.1	(2)	(2)	8.8	10.7	(2)	(2)
35.0 percent or more	37.2	39.1	34.5	31.8	41.1	44.4	(2)	(2)	43.9	31.7	(2)	(2)
Not computed 1/	7.6	9.8	9.0	13.8	8.6	14.7	(2)	(2)	10.3	6.8	(2)	(2)
2006												
Less than 15.0 percent	11.9	10.6	12.6	14.7	9.3	11.8	8.2	14.0	7.9	12.8	7.0	7.6
15.0 to 19.9 percent	11.8	11.0	10.9	10.8	11.1	14.1	11.7	8.7	12.6	13.3	7.4	8.7
20.0 to 24.9 percent	11.8	10.6	8.5	11.2	10.8	8.0	10.8	8.0	10.0	13.1	13.0	7.2
25.0 to 29.9 percent	10.8	10.8	12.3	12.5	10.1	8.0	8.5	8.2	11.7	11.5	8.1	14.8
30.0 to 34.9 percent	8.3	7.3	6.9	7.0	7.6	6.2	7.1	4.1	7.0	7.9	6.4	12.8
35.0 percent or more	37.8	38.4	38.8	32.9	38.3	38.9	33.8	41.8	41.8	31.7	42.1	42.5
Not computed 1/	7.7	11.8	10.2	11.3	11.9	18.0	18.1	11.4	8.0	8.7	18.0	5.5
2005												
Less than 15.0 percent	12.0	6.6	14.5	10.7	8.8	5.8	10.5	14.0	6.0	12.3	10.8	(2)
15.0 to 19.9 percent	11.9	11.2	11.3	12.8	10.8	7.8	14.0	10.1	12.3	10.0	8.8	(2)
20.0 to 24.9 percent	12.0	12.3	12.2	16.8	11.8	13.1	17.2	4.8	12.2	12.2	8.1	(2)
25.0 to 29.9 percent	10.8	10.4	8.7	11.7	10.4	7.7	8.3	11.0	10.8	14.0	8.6	(2)
30.0 to 34.9 percent	8.3	8.8	11.2	7.4	8.2	8.0	8.8	8.8	8.4	14.1	7.1	(2)
35.0 percent or more	37.4	36.4	38.1	27.8	37.8	43.5	27.9	38.2	42.4	31.1	37.0	(2)
Not computed 1/	7.7	12.2	12.0	14.1	11.9	18.0	17.8	13.3	10.1	8.3	20.5	(2)

1/ Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category.

2/ Sample size was too small.

Source: U.S. Census Bureau, American Community Survey (annual), Housing Characteristics <http://factfinder.census.gov/servlet/Data?_lang=en&_ss=>calculations by the Hawaii State Department of Business, Economic Development & Tourism>

This publication is produced by the Research and Economic Analysis Division (READ) of the Department of Business, Economic Development & Tourism (DBEDT), State of Hawaii which is responsible for its content and presentation. Sources for data and statistics are footnoted.

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