

American Community Survey (ACS)

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Hawaii

Sample Sizes - Initial Addresses and Sample Selected and Final Interviews

Year	Housing Units		Group Quarters People	
	<u>Initial Addresses Selected</u>	<u>Final Interviews</u>	<u>Initial Sample Selected</u>	<u>Final Interviews</u>
Hawaii 2008	11,721	7,303	918	590
Hawaii 2007	11,924	7,473	807	457
Hawaii 2006	12,054	7,629	833	598
Hawaii 2005	12,295	7,627	N/A	N/A
Hawaii 2004	6,560	4,304	N/A	N/A
Hawaii 2003	6,466	4,230	N/A	N/A
Hawaii 2002	5,808	3,968	N/A	N/A
Hawaii 2001	6,556	4,489	N/A	N/A
Hawaii 2000	6,587	4,119	N/A	N/A

Source: U.S. Census Bureau | American Community Survey Office | Page Last Modified: September 21, 2009

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Hawaii

Response Rates and Reasons for Noninterviews (in percent)

Housing Unit		Reasons for Noninterviews							
Hawaii	Year	Response Rate ¹	Refusal	Unable to Locate	No One Home	Temporarily Absent	Language Problem	Insufficient Data	Other
	2008	97.6	0.7	0.0	0.5	0.1	0.0	0.3	0.8
	2007	97.3	0.9	0.0	0.5	0.1	0.0	0.6	0.5
	2006	97.8	0.7	0.1	0.4	0.1	0.1	0.4	0.4
	2005	97.8	0.8	0.3	0.1	0.2	0.0	0.4	0.5
	2004	92.8	1.0	0.1	0.1	0.2	0.0	0.7	5.1
	2003	95.7	2.4	0.1	0.4	0.2	0.0	0.3	0.8
	2002	98.1	1.1	0.0	0.0	0.1	0.0	0.5	0.3
	2001	97.5	1.1	0.1	0.2	0.1	0.0	0.6	0.3
	2000	94.9	1.3	0.0	0.7	0.1	0.1	1.2	1.6

Group Quarters (Person)

Reasons for Noninterviews

Hawaii	Year	Response Rate	GQ Person Refusal	Unable to Locate GQ Person	Resident Temporarily Absent	Language Problem	Insufficient Data	GQ Person Other	Whole GQ Refusal	Whole GQ Other
	2008	99.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.0
	2007	98.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0
	2006	99.1	0.0	0.7	0.0	0.0	0.0	0.2	0.0	0.0

¹ As a result of a reduction in funding in 2004, ACS dropped the telephone and personal visit followup operations for the January 2004 panel, thus only allowing mail respondents to contribute to the overall response for that panel. Dropping the nonresponse followup operations for that single panel month reduced the annual response rate by about four percentage points. If we exclude the January panel from the calculation, the annual response rate rises to 97.3%. The Census Bureau revised the methodology for calculation of the response rate in 2004 and although a similar cost reduction measure was taken in 2002 the [response rates provided for 2002](#) do not reflect this new method.

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Coverage Rates (in percent)

Hawaii	Year	Housing Units		Total Population	
		Total	Total	Total	Total
Hawaii	2008	94.8	92.2	92.2	92.2
Hawaii	2007	95.4	92.9	92.9	92.9
Hawaii	2006	95.7	91.7	91.7	91.7
Hawaii	2005	96.6	94.9	94.9	94.9
Hawaii	2004	96.4	93.0	93.0	93.0
Hawaii	2003	97.4	91.0	91.0	91.0
Hawaii	2002	98.3	96.1	96.1	96.1
Hawaii	2001	100.8	97.8	97.8	97.8
Hawaii	2000	102.2	94.9	94.9	94.9

¹The 2000-2005 population coverage rates exclude the group quarters population since that population was not added to the ACS until 2006.

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Hawaii Item Allocation Rates

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Overall Item	Percent Allocated								
	2008	2007	2006	2005	2004	2003	2002	2001	2000
Overall housing allocation rate occupied and vacant housing units	4.8	5.6	5.3	5.0	5.1	5.4	5.4	5.8	6.4
Overall person allocation rate total population	6.9	5.4	4.6	3.9	4.5	5.1	4.8	4.8	7.8

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Housing: Physical Characteristics Item	Percent Allocated								
	2008	2007	2006	2005	2004	2003	2002	2001	2000
Vacancy status vacant housing units	1.1	1.2	2.1	1.4	1.5	0.4	5.6	6.3	2.7
Tenure occupied housing units	0.8	0.7	0.7	0.5	0.7	1.0	0.8	0.8	1.1
Units in structure occupied and vacant housing units	1.7	2.1	1.9	1.5	2.5	1.4	2.1	1.4	1.6
Year moved in occupied housing units	2.2	3.3	3.2	2.9	3.8	3.9	3.3	3.5	3.8
Month moved in occupied housing units into which households move in the last two years	1.2	1.0	0.9	0.6	1.0	0.9	1.0	0.9	0.8
Year built occupied and vacant housing units	15.7	15.2	12.7	13.1	12.7	12.3	15.7	15.2	15.6
Lot size occupied and vacant single family and mobile homes	4.3	3.4	2.7	2.4	3.1	3.9	3.3	4.3	3.9
Agricultural sales occupied and vacant single family and mobile homes with lot size greater than or equal to 1 acre	5.1	4.4	4.7	4.0	3.8	4.5	6.4	8.4	7.8
Business on property occupied and vacant single family and mobile homes	3.2	2.0	1.8	1.7	1.8	2.3	6.8	8.0	11.8
Number of rooms	5.7	10.6	11.5	12.1	11.8	5.2	4.6	5.0	5.1

occupied and vacant housing units									
Number of bedrooms occupied and vacant housing units	1.4	2.7	2.6	3.5	3.1	12.9	12.9	12.7	13.1
Complete plumbing occupied and vacant housing units	**	0.6	0.8	0.7	1.0	0.8	0.8	0.9	0.8
Complete kitchen occupied and vacant housing units	**	0.6	0.8	0.8	1.0	0.7	1.0	1.0	0.9
Running water occupied and vacant housing units	0.8	**	**	**	**	**	**	**	**
Flush toilet occupied and vacant housing units	0.8	**	**	**	**	**	**	**	**
Bathtub or shower occupied and vacant housing units	0.8	**	**	**	**	**	**	**	**
Sink with a faucet occupied and vacant housing units	0.7	**	**	**	**	**	**	**	**
Stove or range occupied and vacant housing units	0.8	**	**	**	**	**	**	**	**
Refrigerator occupied and vacant housing units	1.8	**	**	**	**	**	**	**	**
Telephone occupied housing units	1.6	0.4	0.4	0.3	0.5	0.6	0.3	0.5	0.7
Number of vehicles occupied housing units	0.7	0.5	0.6	0.6	0.8	1.4	0.8	1.0	1.1

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Housing: Utilities

Percent Allocated

Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Heating fuel occupied housing units	2.5	0.9	0.7	0.5	0.7	0.6	0.9	0.8	1.1
Monthly electricity cost occupied housing units	6.1	5.7	5.5	4.3	4.7	4.7	3.6	4.6	5.4
Monthly gas cost occupied housing units	9.0	6.8	7.6	7.3	7.3	7.5	7.4	9.5	10.9
Yearly water and sewer cost occupied housing units	6.9	6.6	7.6	6.9	5.7	5.1	3.9	5.2	6.1
Yearly other fuel cost occupied housing units	7.9	5.2	6.3	6.0	6.3	6.4	6.9	8.1	9.8

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Housing: Special Programs

Percent Allocated

Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Yearly food stamp reciprocity - household occupied housing units	0.9	1.8	2.3	1.9	2.1	2.3	2.6	2.0	2.6

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Housing: Mortgage Items

Percent Allocated

Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Yearly real estate taxes owner-occupied housing units	25.0	27.8	27.5	25.7	26.5	26.7	24.3	26.8	27.6
Yearly property insurance owner-occupied housing units	29.9	33.9	31.9	31.4	31.8	32.0	32.0	33.2	34.1
Mortgage status owner-occupied housing units	1.6	1.4	1.2	0.8	1.2	1.6	1.6	1.4	2.2
Monthly mortgage payment owner-occupied housing units with a mortgage	8.9	9.8	8.5	6.2	6.7	8.0	6.6	7.6	8.7
Mortgage payment incl. real estate taxes owner-occupied housing units with a mortgage	4.2	5.0	3.7	2.9	3.6	4.9	3.4	4.2	5.1
Mortgage payment incl. insurance owner-occupied housing units with a mortgage	11.9	12.6	11.7	10.6	9.2	15.5	12.0	12.3	12.6
Second mortgage owner-occupied housing units	2.8	3.3	3.0	1.6	1.9	3.6	2.8	2.8	3.7
Home equity loan owner-occupied housing units	3.6	4.5	3.4	2.2	2.6	3.3	2.6	3.4	4.8
Other monthly mortgage payment(s) owner-occupied housing units with second mortgage or home equity loan	18.8	18.9	21.2	15.8	21.5	25.1	16.9	11.5	19.5
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Housing: Other Financial Characteristics				Percent Allocated					
Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Property value owner-occupied housing units and vacant housing units for sale	12.0	9.8	8.2	7.3	7.1	8.1	7.2	7.3	8.6
Mobile Home Loan occupied mobile homes and other units	**	**	**	**	**	**	0.0	9.5	0.0
Yearly mobile home costs occupied mobile homes and other units	50.2	34.1	91.0	36.0	100.0	69.2	63.1	76.0	100.0
Monthly condominium fee owner-occupied housing units	1.7	3.2	1.6	2.4	1.9	2.0	1.9	2.3	2.2
Monthly rent occupied housing units rented for cash rent and vacant housing units for rent	13.9	12.9	9.1	7.7	6.4	7.4	6.9	6.9	8.0
Meals included in rent occupied housing units rented for cash rent and vacant housing units for rent	1.7	1.3	1.1	1.0	1.5	1.5	3.6	2.9	4.6
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Population: Basic Demographics ¹				Percent Allocated					
Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Race total population	1.9	2.1	1.9	1.7	2.6	2.3	2.8	1.7	1.3
Hispanic origin total population	3.9	2.3	2.3	2.2	2.7	2.6	2.8	2.5	5.4
Sex total population	0.2	0.6	0.4	0.4	0.5	0.5	0.6	0.3	1.1

Age total population	1.9	1.7	1.5	1.2	1.6	1.5	1.4	1.4	3.9
Relationship total household population	2.1	1.7	1.8	1.5	1.9	1.3	1.9	1.2	3.4
Marital status total population 15 years and over	3.8	1.6	1.5	1.1	0.9	1.9	1.9	1.6	3.5
Married past 12 months total population 15 years and over, except those never married	8.5	**	**	**	**	**	**	**	**
Widowed past 12 months total population 15 years and over, except those never married	6.3	**	**	**	**	**	**	**	**
Divorced past 12 months total population 15 years and over, except those never married	6.4	**	**	**	**	**	**	**	**
Times married total population 15 years and over, except those never married	6.3	**	**	**	**	**	**	**	**
Year last married total population 15 years and over, except those never married	13.5	**	**	**	**	**	**	**	**

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Population: Origin and Language ¹

Percent Allocated

Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Place of birth total population	9.1	6.3	4.2	4.7	11.1	11.6	4.5	3.9	6.9
Citizenship total population	3.3	2.7	2.2	2.2	0.6	1.1	0.9	0.5	1.1
Year of naturalization total population naturalized citizens	20.7	**	**	**	**	**	**	**	**
Year of entry total population not born in US	11.1	10.9	9.3	8.2	7.7	8.3	6.9	7.3	11.5
Speaks another language at home total population 5 years and over	3.1	2.7	2.1	1.9	2.2	2.3	2.7	2.7	5.4
Language spoken total population 5 years and over who speak another language at home	7.0	5.8	5.0	5.3	5.0	6.7	7.5	6.8	12.1
English ability total population 5 years and over who speak another language at home	4.9	4.2	3.7	3.2	3.4	4.6	4.2	4.3	8.6

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Population: Education ¹

Percent Allocated

Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
School enrollment total population 3 years and over	3.9	3.5	2.9	2.6	3.1	3.3	3.0	2.9	5.0
Grade level attending total population 3 years and over enrolled	6.8	6.0	5.0	5.6	7.4	6.4	5.2	3.9	5.4
Educational attainment total population 3 years and over	5.8	5.0	4.0	3.5	3.9	4.7	4.2	3.7	6.1

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Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Mobility status total population 1 years and over	4.1	3.2	2.9	2.6	3.2	3.2	3.0	2.5	5.2
Migration state/foreign county total population 1 years and over movers	6.0	6.1	3.7	4.0	5.4	6.1	5.6	6.7	18.0
Migration county total population 1 years and over movers within US	7.5	6.5	5.2	4.6	6.1	7.4	7.0	7.0	18.4
Migration minor civil division total population 1 years and over movers within US	7.5	6.5	5.2	4.8	6.1	7.4	7.0	7.0	18.7
Migration place total population 1 years and over movers within US	8.0	7.1	5.7	5.1	6.9	8.5	7.8	7.5	19.4

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Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Health insurance thru employer/union total population	7.6	**	**	**	**	**	**	**	**
Health insurance purchased directly total population	9.4	**	**	**	**	**	**	**	**
Health insurance through Medicare total population	7.2	**	**	**	**	**	**	**	**
Health insurance through Medicaid total population	9.9	**	**	**	**	**	**	**	**
Health insurance through TRICARE total population	9.6	**	**	**	**	**	**	**	**
Health insurance through VA total population	10.1	**	**	**	**	**	**	**	**
Health ins. thru Indian Health Service total population	10.4	**	**	**	**	**	**	**	**

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Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Visual or hearing difficulty ² total population 5 years and over	**	3.7	3.2	2.7	3.5	3.1	3.2	3.4	5.8
Visual difficulty ² total population	4.6	**	**	**	**	**	**	**	**
Hearing difficulty ² total population	4.4	**	**	**	**	**	**	**	**
Physical difficulty ² total population 5 years and over	5.5	4.2	3.7	3.5	4.6	4.0	3.6	3.7	6.0
Difficulty remembering ²	5.5	3.5	2.9	2.6	3.1	3.0	3.3	3.3	6.1

total population 5 years and over									
Difficulty dressing ²	5.5	3.6	3.1	2.7	3.2	3.1	3.3	3.3	6.1
total population 5 years and over									
Difficulty going out ²	5.4	3.6	3.0	2.5	2.6	3.5	3.8	3.8	7.2
total population 16 years and over									
Difficulty working at a job ²	**	4.1	3.6	2.9	3.1	4.1	4.1	4.1	7.5
total population 16 years and over									
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Population: Grandparents and Fertility ¹	Percent Allocated								
Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Grandchildren living in home noninstitutionalized population 30 years and over	1.8	0.5	0.6	0.8	0.7	0.8	4.5	4.5	7.8
Responsibility for grandchildren noninstitutionalized population 30 years and over who are grandparents with grandchildren in the home	10.5	7.2	6.7	10.2	9.0	10.6	14.2	12.5	16.7
Months responsible for grandchildren noninstitutionalized population 30 years and over who are grandparents with grandchildren in the home that have responsibility	12.6	8.8	16.6	16.3	11.0	18.1	20.1	19.0	26.5
Fertility status female total population 15-50	4.3	3.5	2.5	2.2	2.0	3.2	3.3	3.0	5.6
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Population: Military ¹	Percent Allocated								
Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Veteran status total population 17 years and over	4.3	4.0	3.2	2.3	2.5	3.9	3.6	3.6	6.5
Periods of military service total population 17 years and over on active duty now or previously	6.2	6.7	5.3	4.1	4.9	7.6	9.7	9.2	12.6
Years of active duty total population 17 years and over on active duty now or previously	**	6.0	4.6	3.2	4.1	5.5	5.3	5.4	7.6
Service-connected disability rating total population 17 years and over, except those who never served in the Armed Forces	3.6	**	**	**	**	**	**	**	**
Service-connected disability rating value total population 17 years and over with a service-connected disability	0.3	**	**	**	**	**	**	**	**
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Population: Labor Force ¹	Percent Allocated								
Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Employment status recode noninstitutionalized population 16 years and over	6.4	4.0	3.5	2.8	3.3	4.6	4.4	4.4	8.0
When last worked noninstitutionalized population 16 years and over	6.3	5.0	4.4	3.3	3.4	5.0	4.5	4.4	8.1
Weeks worked in the past 12 months noninstitutionalized population 16 years and over who worked in the past 12 months	7.5	8.0	6.6	6.8	7.2	7.8	8.1	7.6	11.1

Hours worked per week noninstitutionalized population 16 years and over who worked in the past 12 months	7.7	6.6	6.1	6.2	6.6	7.4	7.1	7.2	10.7
Place of work state/foreign county noninstitutionalized population 16 years and over at work last week	6.8	5.3	4.3	2.6	3.7	4.2	3.7	3.5	7.6
Place of work county noninstitutionalized population 16 years and over at work last week	7.1	5.6	4.6	2.9	4.1	4.7	4.0	3.8	7.9
Place of work minor civil division noninstitutionalized population 16 years and over at work last week	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Place of work place noninstitutionalized population 16 years and over at work last week	7.7	6.2	5.1	3.7	4.5	5.6	4.6	4.3	8.5

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Population: Journey to Work ¹

Percent Allocated

Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Transportation to work noninstitutionalized population 16 years and over at work last week	6.6	5.0	4.0	2.5	3.0	3.8	3.6	3.2	6.6
Carpool size noninstitutionalized population 16 years and over at work last week who drive to work	7.8	6.2	4.8	3.7	4.4	4.9	4.1	4.0	7.6
Time of departure noninstitutionalized population 16 years and over at work last week who don't work at home	12.8	10.5	8.6	7.6	8.1	8.7	8.0	7.5	10.6
Commuting time noninstitutionalized population 16 years and over at work last week who don't work at home	9.8	8.8	7.0	5.7	6.2	6.9	6.1	5.7	9.4

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Population: Industry and Occupation ¹

Percent Allocated

Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Class of worker total population 16 years and over who worked in the last 5 years	6.8	6.2	4.8	4.5	4.9	6.4	5.4	5.8	9.5
Industry total population 16 years and over who worked in the last 5 years	7.4	6.4	5.5	5.2	6.7	7.2	5.8	6.4	10.7
Occupation total population 16 years and over who worked in the last 5 years	7.6	6.7	5.9	5.6	7.1	7.7	6.5	6.6	10.6

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Population: Income ¹

Percent Allocated

Item	2008	2007	2006	2005	2004	2003	2002	2001	2000
Wages/salary income total population 15 years and over	18.3	18.1	15.5	13.0	13.0	13.1	12.7	13.1	15.9
Self-employment income total population 15 years and over	6.5	5.3	4.5	3.5	3.7	5.0	4.4	4.3	7.4
Interest, dividends, etc. income total population 15 years and over	10.2	9.7	9.1	7.1	8.0	9.3	9.4	10.4	13.5
Social security or railroad retirement total population 15 years and over	8.9	8.7	8.0	6.2	6.7	7.6	7.6	8.6	12.3

Supplemental security income total population 15 years and over	6.5	6.8	5.9	4.5	5.2	6.7	6.6	7.4	10.8
Public assistance total population 15 years and over	6.9	7.0	6.2	4.8	5.4	6.8	7.3	7.9	11.1
Retirement income total population 15 years and over	7.8	7.9	6.9	5.5	5.8	7.4	7.3	8.2	11.5
Other income total population 15 years and over	7.2	7.3	6.3	4.9	5.4	7.0	7.2	7.7	11.0
Some or all income allocated total population 15 years and over	26.3	24.4	21.9	18.9	19.1	19.1	18.8	19.8	22.6

¹ The 2000-2005 rates are for the comparable universe excluding the group quarters population, since that population was added to the ACS in 2006.

² Major changes were made to the disability questions beginning with the 2008 ACS questionnaire. Comparisons of rates between years 2008 or later and years 2007 or earlier should not be made for these characteristics.

** This item was not asked in this year.

Source: U.S. Census Bureau | American Community Survey Office | Page Last Modified: September 21, 2009