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Section 14

PRICES

This section presents indexes of consumer prices for Honolulu and for the United States, the implicit price deflator for gross domestic product, and comparisons of Honolulu living costs with those in other U.S. urban areas and cities in foreign countries. Other statistics on prices are reported in Sections 7, 16, 17, 18, 21, and 23.

The Honolulu Consumer Price Index has been compiled by the U.S. Bureau of Labor Statistics (BLS) since December 1963. This index measures the average change in prices of goods and services purchased by urban households. Prices are expressed as a percent of the average levels reported in the base period, 1982-1984.

Official comparisons of Honolulu and Mainland living costs are no longer being made on a regular basis. The annual four-person family budgets estimated by the BLS for Honolulu and the Mainland were discontinued after 1981. The unofficial estimates by the Bank of Hawaii were available for 1982-1998 but have seemingly also been discontinued. A comparison of prices in Hawaii and Washington, D.C., compiled for the U.S. Office of Personnel Management as a basis for cost of living adjustments for Federal employees are also included. These studies are subject to technical limitations and must be interpreted with considerable caution. Comparative indexes have been compiled by the U.S. Department of Defense for military personnel assigned to or in Hawaii on temporary duty.

No composite wholesale or producer price index is available for Hawaii. Average wholesale prices of agricultural products are reported in *Statistics of Hawaii Agriculture*, issued by the Hawaii Agricultural Statistics Service, and in various other publications of the Hawaii State Department of Agriculture. Wholesale price statistics of other commodities are seldom available. Periodic comparisons of individual or groups of products and services are sometimes compiled.

Data on prices and living costs for the nation as a whole and other areas are summarized in the *Statistical Abstract of the United States: 2009*, Section 14. Long-term trends for Hawaii are traced in *Historical Statistics of Hawaii*, Section 5.

Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS DOMESTIC PRODUCT FOR HAWAII AND UNITED STATES: 1963 TO 2008

[2000=100. Implicit price deflator is the ratio of current-dollar value of gross domestic product (GDP), to its corresponding chained-dollar value, multiplied by 100 and is now shown at the 3-decimal level]

Year	Hawaii	United States	Year	Hawaii	United States
SIC 1/			SIC 1/		
1963	(NA)	(NA)	1988	72.450	75.810
1964	(NA)	(NA)	1989	75.056	78.768
1965	(NA)	(NA)	1990	77.762	81.761
1966	(NA)	(NA)	1991	81.115	84.672
1967	(NA)	(NA)	1992	83.274	86.783
1968	(NA)	(NA)	1993	85.676	89.126
1969	(NA)	(NA)	1994	87.764	91.073
1970	(NA)	(NA)	1995	89.708	92.915
1971	(NA)	(NA)	1996	91.512	94.485
1972	(NA)	(NA)	1997	93.709	95.886
1973	(NA)	(NA)			
1974	(NA)	(NA)	NAICS 1/		
1975	(NA)	(NA)			
1976	(NA)	(NA)	1997	92.908	95.558
1977	36.812	42.156	1998	94.897	96.391
1978	39.455	45.186	1999	97.177	97.840
1979	42.471	48.727	2000	100.000	100.000
1980	46.390	53.149	2001	102.944	102.253
1981	51.299	58.347	2002	105.799	104.173
1982	54.590	62.048	2003	109.068	106.459
1983	57.655	64.733	2004	112.945	109.705
1984	61.393	67.479	2005 2/	116.904	113.075
1985	64.371	69.468	2006 2/	121.386	116.686
1986	67.316	71.499	2007 2/	125.484	119.901
1987	69.633	73.346	2008	128.253	122.926

NA Not available.

1/ There is a discontinuity in the GDP time series at 1997, occurring at the change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2008.

2/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry for 1963 to 1997 <<http://www.bea.gov/bea/regional/>> accessed October 26, 2006 and 1997 to 2008 accessed June 2, 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2008

[1982-1984 average = 100. Excludes rent before 1963. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007]

Year	Honolulu		United States	
	Annual average	Percent change from previous year	Annual average	Percent change from previous year
1940	14.7	(X)	14.0	(X)
1941	15.5	5.4	14.7	5.0
1942	17.6	13.5	16.3	10.9
1943	18.9	7.4	17.3	6.1
1944	19.2	1.6	17.6	1.7
1945	19.7	2.6	18.0	2.3
1946	21.0	6.6	19.5	8.3
1947	24.4	16.2	22.3	14.4
1948	25.7	5.3	24.1	8.1
1949	25.2	-1.9	23.8	-1.2
1950	24.3	-3.6	24.1	1.3
1951	25.7	5.8	26.0	7.9
1952	26.5	3.1	26.5	1.9
1953	26.7	0.8	26.7	0.8
1954	26.9	0.7	26.9	0.7
1955	27.3	1.5	26.8	-0.4
1956	27.7	1.5	27.2	1.5
1957	28.6	3.2	28.1	3.3
1958	30.0	4.9	28.9	2.8
1959	30.5	1.7	29.1	0.7
1960	31.3	2.6	29.6	1.7
1961	32.1	2.6	29.9	1.0
1962	32.8	2.2	30.2	1.0
1963	33.5	2.1	30.6	1.3
1964	33.7	0.6	31.0	1.3
1965	34.4	2.1	31.5	1.6
1966	35.3	2.6	32.4	2.9
1967	36.3	2.8	33.4	3.1
1968	37.7	3.9	34.8	4.2
1969	39.4	4.5	36.7	5.5
1970	41.5	5.3	38.8	5.7
1971	43.2	4.1	40.5	4.4
1972	44.6	3.2	41.8	3.2
1973	46.6	4.5	44.4	6.2
1974	51.5	10.5	49.3	11.0
1975	56.3	9.3	53.8	9.1
1976	59.1	5.0	56.9	5.8
1977	62.1	5.1	60.6	6.5
1978	66.9	7.7	65.2	7.6
1979	74.3	11.1	72.6	11.3

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Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2008 -- Con.

Year	Honolulu		United States	
	Annual average	Percent change from previous year	Annual average	Percent change from previous year
1980	83.0	11.7	82.4	13.5
1981	91.7	10.5	90.9	10.3
1982	97.2	6.0	96.5	6.2
1983	99.3	2.2	99.6	3.2
1984	103.5	4.2	103.9	4.3
1985	106.8	3.2	107.6	3.6
1986	109.4	2.4	109.6	1.9
1987	114.9	5.0	113.6	3.6
1988	121.7	5.9	118.3	4.1
1989	128.7	5.8	124.0	4.8
1990	138.1	7.3	130.7	5.4
1991	148.0	7.2	136.2	4.2
1992	155.1	4.8	140.3	3.0
1993	160.1	3.2	144.5	3.0
1994	164.5	2.7	148.2	2.6
1995	168.1	2.2	152.4	2.8
1996	170.7	1.5	156.9	3.0
1997	171.9	0.7	160.5	2.3
1998	171.5	-0.2	163.0	1.6
1999	173.3	1.0	166.6	2.2
2000	176.3	1.7	172.2	3.4
2001	178.4	1.2	177.1	2.8
2002	180.3	1.1	179.9	1.6
2003	184.5	2.3	184.0	2.3
2004	190.6	3.3	188.9	2.7
2005	197.8	3.8	195.3	3.4
2006	209.4	5.9	201.6	3.2
2007	219.504	4.8	207.342	2.8
2008	228.861	4.3	215.303	3.8

X Not applicable.

Source: For Honolulu: 1940-1963 from surveys by Eugene Danaher and Hawaii State Department of Labor and Industrial Relations, cited in Hawaii State Department of Planning and Economic Development, *The Honolulu Consumer Price Index, 1940-1986* (Statistical Report 187, May 30, 1986), as shifted to 1982-1984 base. 1987-2008: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Honolulu and the United States <<http://www.bls.gov/cpi/home.htm>> accessed February 20, 2009.

Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2008

[U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007]

Year	All urban consumers (CPI-U)			Urban wage earners and clerical workers (CPI-W)		
	Annual average	First half	Second half	Annual average	First half	Second half
1982-1984 = 100						
1984	103.5	102.5	104.4	104.3	103.0	105.5
1985	106.8	106.3	107.4	107.9	107.4	108.4
1986	109.4	108.9	109.9	110.3	109.9	110.7
1987	114.9	113.3	116.5	115.9	114.3	117.6
1988	121.7	120.1	123.4	122.8	121.1	124.5
1989	128.7	126.4	131.1	129.7	127.4	132.0
1990	138.1	135.5	140.8	138.9	136.3	141.6
1991	148.0	146.8	149.1	148.9	147.7	150.1
1992	155.1	153.9	156.4	155.9	154.6	157.2
1993	160.1	158.6	161.6	160.7	159.4	162.0
1994	164.5	163.4	165.7	164.7	163.5	165.8
1995	168.1	166.9	169.4	168.4	167.2	169.7
1996	170.7	170.5	171.0	171.0	170.8	171.2
1997	171.9	172.1	171.8	172.2	172.4	172.0
1998	171.5	172.0	171.0	171.6	172.3	171.0
1999	173.3	172.7	173.8	173.4	173.0	173.9
2000	176.3	175.9	176.7	176.5	176.0	176.9
2001	178.4	178.1	178.7	179.1	178.6	179.5
2002	180.3	180.1	180.4	180.6	180.4	180.7
2003	184.5	183.2	185.7	184.3	183.4	185.3
2004	190.6	189.2	191.9	190.2	188.8	191.5
2005	197.8	195.0	200.6	197.2	194.6	199.8
2006	209.4	206.4	212.3	208.5	205.6	211.4
2007	219.504	216.620	222.388	218.541	215.681	221.401
2008	228.861	227.334	230.387	228.344	226.738	229.950

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Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2008 -- Con.

Year	All urban consumers (CPI-U)			Urban wage earners and clerical workers (CPI-W)		
	Annual average	First half	Second half	Annual average	First half	Second half
Percentage change 1/						
1985	3.2	3.7	2.9	3.5	4.3	2.7
1986	2.4	2.4	2.3	2.2	2.3	2.1
1987	5.0	4.0	6.0	5.1	4.0	6.2
1988	5.9	6.0	5.9	6.0	5.9	5.9
1989	5.8	5.2	6.2	5.6	5.2	6.0
1990	7.3	7.2	7.4	7.1	7.0	7.3
1991	7.2	8.3	5.9	7.2	8.4	6.0
1992	4.8	4.8	4.9	4.7	4.7	4.7
1993	3.2	3.1	3.3	3.1	3.1	3.1
1994	2.7	3.0	2.5	2.5	2.6	2.3
1995	2.2	2.1	2.2	2.2	2.3	2.4
1996	1.5	2.2	0.9	1.5	2.2	0.9
1997	0.7	0.9	0.5	0.7	0.9	0.5
1998	-0.2	-0.1	-0.5	-0.3	-0.1	-0.6
1999	1.0	0.4	1.6	1.0	0.4	1.7
2000	1.7	1.9	1.7	1.8	1.7	1.7
2001	1.2	1.3	1.1	1.5	1.5	1.5
2002	1.1	1.1	1.0	0.8	1.0	0.7
2003	2.3	1.7	2.9	2.0	1.7	2.5
2004	3.3	3.3	3.3	3.2	2.9	3.3
2005	3.8	3.1	4.5	3.7	3.1	4.3
2006	5.9	5.8	5.8	5.7	5.7	5.8
2007	4.8	5.0	4.8	4.8	4.9	4.7
2008	4.3	4.9	3.6	4.5	5.1	3.9

1/ From same period in previous year.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (CPI-U) and Consumer Price Index-Urban Wage Earners and Clerical Workers (CPI-W), All Items
 <<http://www.bls.gov/ro9/9225.pdf>> accessed February 20, 2009.

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2004 TO 2008

[Unless otherwise specified, 1982-1984 =100. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007]

Group	2004	2005	2006	2007	2008
All items	190.6	197.8	209.4	219.504	228.861
Food and beverages	180.2	185.9	194.2	204.942	216.625
Food	179.5	185.4	193.9	204.850	216.742
Food at home	185.7	191.4	198.9	211.000	228.319
Food away from home	171.0	176.4	186.0	195.071	202.257
Alcoholic beverages	188.5	191.5	197.7	204.337	213.936
Housing	194.3	205.2	222.5	238.428	248.700
Shelter	209.7	221.4	242.2	260.518	266.411
Rent of primary residence	196.9	207.6	228.9	247.386	256.216
Owners' equivalent rent of primary residence	1/ 214.4	1/ 225.0	1/ 248.3	1/ 267.859	1/ 274.756
Fuel and utilities	161.1	179.8	203.3	214.040	283.911
Household energy 2/	146.1	165.4	187.3	192.529	267.903
Gas (piped) and electricity	144.8	163.5	185.2	190.190	264.567
Electricity	141.1	159.2	181.1	185.965	259.990
Utility (piped) gas service 3/	180.7	206.9	217.8	224.454	284.130
Household furnishings & operation	166.4	165.1	162.6	165.368	164.958
Apparel	101.2	102.5	104.4	104.145	105.277
Transportation	182.4	191.6	202.1	205.027	213.998
Private transportation	179.4	189.1	199.8	202.805	209.161
Motor fuel	172.6	203.7	234.0	243.860	284.948
Gasoline (all types)	177.5	209.3	240.4	250.606	292.545
Gasoline, unleaded regular 4/	186.6	220.3	253.5	264.578	310.952
Gasoline, unleaded midgrade 4/	5/ 139.4	5/ 164.3	5/ 188.4	5/ 195.918	5/ 231.559
Gasoline, unleaded premium 4/	160.5	188.4	215.1	223.726	256.120
Medical care	275.9	(6/)	(6/)	(6/)	317.955
Education and communication	7/ 113.5	7/ 114.3	7/ 114.0	7/ 113.967	7/ 117.118
Recreation	7/ 102.3	7/ 97.8	7/ 101.1	7/ 102.572	7/ 105.290
Other goods and services	312.4	321.0	332.1	347.499	365.441
Commodity and service group					
All items	190.6	197.8	209.4	219.504	228.861
Commodities	159.3	164.1	169.4	174.478	181.113
Commodities less food and beverages	143.3	147.5	150.8	152.794	156.654
Nondurables less food and beverages	157.9	167.0	175.7	180.082	191.108
Durables	122.1	121.0	120.2	120.419	118.679
Services	217.8	227.1	244.2	258.946	270.734

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Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2004 TO 2008 -- Con.

Group	2004	2005	2006	2007	2008
Special aggregate indexes:					
All items less shelter	183.2	188.1	195.6	201.523	212.804
All items less medical care	186.3	193.5	205.1	214.992	224.234
All items less energy	194.3	200.2	211.0	221.339	227.534
Energy	160.6	186.3	211.6	219.187	276.864
All items less food and energy	198.4	204.4	215.6	225.932	230.999
Commodities less food	145.3	149.5	152.9	155.028	159.042
Nondurables less food	159.9	168.6	177.1	181.620	192.548
Nondurables	170.3	177.6	186.0	193.935	205.297
Services less rent of shelter	1/ 229.5	1/ 234.1	1/ 246.1	1/ 253.668	1/ 275.405
Services less medical care services	213.2	222.6	240.4	254.878	266.102

1/ Indexes on a December 1982=100 base.

2/ Prior to 2006, called 'Fuels'.

3/ Prior to 2004, called 'Utility natural gas service'.

4/ Special index based on a substantially smaller sample.

5/ Indexes on a December 1993=100 base.

6/ No data were available or data did not meet U.S. Bureau of Labor Statistics' publication criteria.

7/ Indexes on a December 1997=100 base.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] <<http://www.bls.gov/data/home.htm>> and San Francisco Regional Office News Releases - Honolulu, Hawaii <<http://www.bls.gov/ro9/ro9news.htm>> accessed February 20, 2009.

Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2007 AND 2008

[Percent of all items. Based on the 2005-2006 weights in the Consumer Expenditure Survey]

Group	2007 CPI-U		2008 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
Relative importance of area	100.000	0.357	100.000	0.362
EXPENDITURE CATEGORY				
All items	100.000	100.000	100.000	100.000
Food and beverages	14.914	15.488	15.757	16.108
Food	13.833	14.500	14.629	15.146
Food at home	7.660	7.275	8.156	7.794
Cereals and bakery products	1.030	(NA)	1.150	(NA)
Meats, poultry, fish, and eggs	1.807	(NA)	1.898	(NA)
Meats, poultry, and fish	1.687	(NA)	1.789	(NA)
Dairy and related products	0.887	(NA)	0.910	(NA)
Fruits and vegetables	1.156	(NA)	1.194	(NA)
Other food at home	1.852	(NA)	2.022	(NA)
Food away from home	6.173	7.224	6.474	7.353
Alcoholic beverages	1.080	0.988	1.127	0.961
Housing	42.427	46.815	43.421	47.050
Shelter	32.596	38.580	33.200	38.022
Rent of primary residence	5.765	7.058	5.957	7.092
Tenants' and household insurance	0.325	(NA)	0.333	(NA)
Owners' equivalent rent of primary residence	23.942	29.157	24.433	28.947
Lodging away from home	2.564	(NA)	2.478	(NA)
Fuels and utilities	5.128	3.894	5.431	4.742
Household energy	4.215	2.970	4.460	3.693
Fuel oil and other fuels	0.351	(NA)	0.301	(NA)
Fuel oil	0.239	(NA)	0.188	(NA)
Propane, kerosene, and firewood	0.113	(NA)	0.112	(NA)
Gas (piped) and electricity	3.864	2.896	4.159	3.615
Electricity	2.766	2.743	3.002	3.477
Utility (piped) gas service	1.098	0.153	1.157	0.138
Water and sewer and trash collection serv.	0.913	(NA)	0.971	(NA)
Household furnishings and operations	4.702	4.336	4.790	4.286
Apparel	3.731	3.501	3.691	3.476
Men's and boys' apparel	0.935	(NA)	0.923	(NA)
Women's and girls' apparel	1.600	(NA)	1.541	(NA)
Footwear	0.679	(NA)	0.688	(NA)
Infants' and toddlers' apparel	0.185	(NA)	0.183	(NA)
Jewelry and watches	0.333	(NA)	0.356	(NA)

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**Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE
CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U),
FOR THE UNITED STATES AND HONOLULU, DECEMBER 2007
AND 2008 -- Con.**

Group	2007 CPI-U		2008 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
EXPENDITURE CATEGORY -- Con.				
Transportation	17.688	15.725	15.314	14.591
Private transportation	16.583	13.685	14.189	12.635
Motor fuel	5.482	3.966	3.164	3.326
Gasoline (all types)	5.215	3.894	2.964	3.241
Public transportation	1.106	(NA)	1.125	(NA)
Medical care	6.231	4.969	6.390	5.021
Medical care commodities	1.601	(NA)	1.625	(NA)
Medical care services	4.630	(NA)	4.765	(NA)
Recreation	5.647	5.441	5.741	5.441
Education and communication	6.086	5.258	6.301	5.406
Other goods and services	3.277	2.816	3.386	2.907
Personal care	2.546	(NA)	2.610	(NA)
COMMODITY AND SERVICE GROUP 1/				
All items	100.000	100.000	100.000	100.000
Commodities	41.269	38.512	39.556	37.945
Commodities less food and beverages	26.356	23.022	23.799	21.837
Nondurables less food and beverages	15.519	12.866	13.289	12.127
Durables	10.837	10.141	10.510	9.710
Services	58.731	61.486	60.444	62.055
SPECIAL AGGREGATE INDEXES 1/				
All items less shelter	67.404	61.420	66.800	61.978
All items less medical care	93.769	95.033	93.610	94.979
All items less energy	90.302	93.055	92.376	92.981
All items less food and energy	76.469	78.557	77.746	77.835
Energy	9.698	6.938	7.624	7.019
Commodities less food	27.436	24.010	24.926	22.799
Nondurables less food	16.599	13.853	14.416	13.089
Nondurables	30.432	28.364	29.046	28.235
Services less rent of shelter	26.460	23.132	27.577	24.259
Rent of shelter	32.271	(NA)	32.867	(NA)
Services less medical care services	54.101	57.875	55.679	58.231

NA Not available.

1/ The two U.S.-level categories are published in a single "Special aggregate indexes" category.

Source: U.S. Bureau of Labor Statistics, "Relative Importance of Components in the Consumer Price Indexes" (annual) tables 1, 2, and 7 <<http://www.bls.gov/cpi/home.htm>> accessed February 19, 2009.

Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000

[Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2000/doc/sf3.pdf>>. Rank of 1 indicates highest amount. Areas in order of highest rank in 2000]

Area	Median gross rent					
	1990			2000		
	Amount in dollars 1/	Percentage of household income in 1989		Amount in dollars	Percentage of household income in 1989	
		Number	Rank		Number	Rank
United States	571	26.4	(X)	602	25.5	(X)
California	792	29.1	1	747	27.7	1
Florida	613	28.0	2	641	27.5	2
Hawaii	830	27.4	6	779	27.2	3
Oregon	521	25.5	27	620	26.9	4
New York	620	26.3	20	672	26.8	5
Arizona	560	27.5	4	619	26.6	6
New Mexico	473	26.5	17	503	26.6	7
Nevada	650	26.8	12	699	26.5	8
Washington	569	25.7	26	663	26.5	9
Colorado	533	26.1	21	671	26.4	10
Vermont	570	27.1	9	553	26.2	11
Louisiana	450	27.9	3	466	25.8	12
West Virginia	387	26.8	13	401	25.8	13
Rhode Island	625	27.5	5	553	25.7	14
Massachusetts	741	26.8	11	684	25.5	15
New Jersey	756	26.3	19	751	25.5	16
Connecticut	764	26.6	15	681	25.4	17
Maine	535	26.8	10	497	25.3	18
Montana	396	25.0	33	447	25.3	19
Idaho	422	23.8	48	515	25.3	20
Mississippi	394	27.1	8	439	25.0	21
Pennsylvania	516	26.1	22	531	25.0	22
Georgia	553	25.8	24	613	24.9	23
Utah	471	23.8	49	597	24.9	24
District of Columbia	612	25.4	28	618	24.8	25
Tennessee	456	25.0	34	505	24.8	26
Alabama	415	24.8	37	447	24.8	27
Alaska	714	23.8	47	720	24.8	28
Minnesota	539	26.7	14	566	24.7	29

Continued on next page.

Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000-- Con.

Area	Median gross rent					
	1990			2000		
	Amount in dollars 1/	Percentage of household income in 1989		Amount in dollars	Percentage of household income in 1989	
		Number	Rank		Number	Rank
Maryland	700	25.4	29	689	24.7	30
Virginia	632	25.8	25	650	24.5	31
Michigan	540	27.2	7	546	24.4	32
Arkansas	418	26.5	16	453	24.4	33
Illinois	569	25.9	23	605	24.4	34
Texas	505	24.6	40	574	24.4	35
South Carolina	482	24.4	43	510	24.4	36
Oklahoma	434	25.4	30	456	24.3	37
Delaware	634	24.7	38	639	24.3	38
North Carolina	488	24.4	42	548	24.3	39
New Hampshire	701	26.4	18	646	24.2	40
Ohio	483	25.3	31	515	24.2	41
Missouri	470	25.2	32	484	24.0	42
Kentucky	408	24.9	35	445	24.0	43
Indiana	477	24.3	44	521	23.9	44
Wisconsin	510	24.9	36	540	23.4	45
Kansas	474	24.5	41	498	23.4	46
Iowa	429	24.1	45	470	23.2	47
Nebraska	445	23.7	50	491	23.0	48
South Dakota	391	24.6	39	426	22.9	49
Wyoming	425	23.7	51	437	22.5	50
North Dakota	400	23.9	46	412	22.3	51
Puerto Rico	261	29.4	(X)	297	27.0	(X)

X Not applicable.

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

Source: U.S. Census Bureau, 1990 Census and Census 2000 Summary File 3, *Housing Costs of Renters: 2000; Census 2000 Brief*, Issued May 2003 - C2KBR-21, Table 2

<<http://www.census.gov/prod/2003pubs/c2kbr-21.pdf>> accessed September 18, 2003.

Table 14.07-- MORTGAGE STATUS, MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME: UNITED STATES AND HAWAII: 1990 AND 2000

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/doc/sf3.pdf]

Category	United States	Hawaii
Specified owner-occupied		
1990	45,550,059	147,510
2000	55,212,108	173,861
Specified owner-occupied with a mortgage		
1990		
Number	29,811,735	102,601
Percent	65.4	69.6
2000		
Number	38,663,887	122,128
Percent	70.0	70.2
Specified owner-occupied without a mortgage		
1990		
Number	15,738,324	44,909
Percent	34.6	30.4
2000		
Number	16,548,221	51,733
Percent	30.0	29.8
Median selected monthly owner costs (in dollars) 1/		
With a mortgage		
1990	940	1,288
2000	1,088	1,636
Without a mortgage		
1990	267	217
2000	295	271
Median selected monthly owner costs as a percentage of household income		
With a mortgage		
1990	21.0	21.4
2000	21.7	26.3
Without a mortgage		
1990	11.1	(2/)
2000	10.5	(2/)

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

2/ Represents less than 10 percent.

Source: U.S. Census Bureau, 1990 census and Census 2000 Summary File 3, September 16, 2003, Tables 2 and 3 <<http://www.census.gov/prod/2003pubs/c2kbr-27.pdf>> accessed September 18, 2003.

Table 14.08-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000

[In dollars and percent. Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2000/doc/sf3.pdf>>]

Area	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income			
	With a mortgage		Without a mortgage		With a mortgage		Without a mortgage	
	1990 1/	2000	1990 1/	2000	1990	2000	1990	2000
United States	940	1,088	267	295	21.0	21.7	11.1	10.5
Alabama	706	816	203	228	19.1	19.8	10.3	(2/)
Alaska	1,353	1,315	296	393	21.5	22.3	(2/)	(2/)
Arizona	983	1,039	240	268	22.8	22.1	(2/)	(2/)
Arkansas	655	737	221	240	20.0	19.4	12.1	(2/)
California	1,376	1,478	244	305	24.9	25.3	(2/)	(2/)
Colorado	1,022	1,197	259	277	22.5	22.6	10.8	(2/)
Connecticut	1,400	1,426	432	473	22.9	22.4	12.8	13.1
Delaware	975	1,101	256	267	19.7	20.8	(2/)	(2/)
Dist. Of Col.	1,209	1,291	319	313	20.5	22.2	(2/)	(2/)
Florida	917	1,004	238	306	22.3	22.8	(2/)	10.5
Georgia	942	1,039	233	259	20.9	20.8	10.5	(2/)
Hawaii	1,288	1,636	217	271	21.4	26.3	(2/)	(2/)
Idaho	715	887	201	236	19.6	21.5	(2/)	(2/)
Illinois	979	1,198	308	353	20.2	21.7	11.2	11.1
Indiana	714	869	240	255	18.0	19.3	10.2	(2/)
Iowa	703	829	250	268	18.5	19.1	11.5	(2/)
Kansas	802	888	239	273	19.5	19.3	10.9	(2/)
Kentucky	684	816	192	214	18.8	19.6	(2/)	(2/)
Louisiana	759	816	215	232	20.6	19.6	11.2	(2/)
Maine	847	923	284	299	21.4	21.4	12.2	12.1
Maryland	1,173	1,296	300	333	21.1	22.2	10.0	(2/)
Massachusetts	1,258	1,353	381	406	22.3	21.9	12.6	12.4
Michigan	828	972	314	288	18.8	19.6	12.5	(2/)
Minnesota	925	1,044	238	271	20.4	20.0	10.5	(2/)
Mississippi	653	752	202	232	20.8	20.4	11.8	(2/)
Missouri	767	861	226	249	19.1	19.5	10.0	(2/)
Montana	735	863	224	261	20.2	22.2	10.9	10.4
Nebraska	779	895	244	283	19.7	19.7	11.5	10.5
Nevada	1,067	1,190	261	294	22.4	23.8	(2/)	(2/)

Continued on next page.

Table 14.08-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000 -- Con.

Area	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income			
	With a mortgage		Without a mortgage		With a mortgage		Without a mortgage	
	1990 1/	2000	1990 1/	2000	1990	2000	1990	2000
New Hampshire	1,278	1,226	410	441	24.4	22.3	14.2	13.6
New Jersey	1,412	1,560	488	567	23.4	23.7	14.6	15.3
New Mexico	833	929	208	228	21.6	22.2	(2/)	(2/)
New York	1,141	1,357	413	457	21.5	23.2	13.8	13.6
North Carolina	836	985	235	254	20.5	21.3	10.8	(2/)
North Dakota	777	818	245	270	20.3	19.4	11.9	10.2
Ohio	797	963	262	289	19.0	20.6	11.0	10.6
Oklahoma	731	764	210	231	20.0	19.2	10.9	(2/)
Oregon	828	1,125	289	303	20.4	23.2	12.7	10.5
Pennsylvania	870	1,010	289	318	20.2	21.6	12.1	12.2
Rhode Island	1,138	1,205	371	406	22.7	22.7	13.0	13.4
South Carolina	787	894	229	240	19.9	20.5	10.7	(2/)
South Dakota	724	828	249	279	19.9	19.7	12.6	10.5
Tennessee	759	882	217	240	20.1	21.1	10.2	(2/)
Texas	908	986	247	296	20.9	20.1	11.5	10.9
Utah	851	1,102	236	249	20.9	22.9	(2/)	(2/)
Vermont	917	1,021	335	378	21.9	22.4	14.1	13.9
Virginia	1,060	1,144	245	263	21.9	21.4	(2/)	(2/)
Washington	942	1,268	248	338	20.4	23.8	(2/)	10.4
West Virginia	636	713	183	207	18.5	19.5	(2/)	(2/)
Wisconsin	866	1,024	321	333	20.1	20.9	12.8	11.2
Wyoming	781	825	207	229	19.4	19.7	(2/)	(2/)
Puerto Rico	408	625	82	124	22.3	27.9	(2/)	12.5

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

2/ Represents less than 10 percent.

Source: U.S. Census Bureau, 1990 census and Census 2000 Summary File 3, September 16, 2003, tables 2 and 3 <<http://www.census.gov/prod/2003pubs/c2kbr-27.pdf>> accessed September 18, 2003.

Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2008

[In percent change from previous period and number. Period ending December 31 unless otherwise indicated. Estimates use Federal Housing Finance Agency's (FHFA) Purchase-Only House Price Index (HPI), not seasonally-adjusted. According to the "Housing and Economic Recovery Act of 2008" the FHFA regulates Fannie Mae and Freddie Mac, formerly under the Office of Federal Housing Enterprise Oversight. For discussion of HPI, see <<http://www.ofheo.gov/media/hpi/4q08hpi.pdf>>]

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
United States 2/	-8.27	(X)	12.74	100.50
North Dakota	1.89	1	31.42	117.69
Wyoming	1.53	2	48.31	210.85
Alaska	0.43	3	31.50	123.77
Texas	0.30	4	21.50	90.62
Hawaii	0.27	5	56.61	116.20
South Dakota	0.22	6	22.65	126.07
West Virginia	-0.89	7	24.21	85.23
Iowa	-0.95	8	12.81	99.96
Kentucky	-1.25	9	12.54	89.47
New Mexico	-1.32	10	39.80	140.09
Kansas	-1.35	11	13.41	96.32
Oklahoma	-1.69	12	19.58	92.70
Louisiana	-1.98	13	28.25	131.56
Alabama	-2.34	14	22.98	93.97
Montana	-2.48	15	39.97	213.02
Nebraska	-2.49	16	7.24	91.90
Colorado	-2.61	17	9.24	167.74
Arkansas	-2.69	18	17.74	89.43
Pennsylvania	-2.99	19	28.58	98.04
Vermont	-3.20	20	31.39	112.58
New York	-3.28	21	20.71	118.48
South Carolina	-3.42	22	19.82	92.14
Wisconsin	-3.47	23	10.86	120.93
Missouri	-3.55	24	10.56	94.95
North Carolina	-3.66	25	21.64	93.87
Mississippi	-3.72	26	20.06	83.98
Indiana	-3.87	27	3.16	60.28
Tennessee	-3.90	28	19.14	95.22
District of Columbia	-3.93	29	46.62	234.08
Maine	-5.01	30	14.57	116.63
Massachusetts	-5.54	31	0.23	125.38

Continued on next page.

Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2008-- Con.

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
Illinois	-5.75	32	11.64	99.21
Ohio	-6.16	33	-3.16	60.28
Connecticut	-6.47	34	15.20	84.13
Idaho	-6.50	35	41.27	146.11
Utah	-6.58	36	42.91	197.00
Oregon	-7.05	37	40.69	211.71
New Jersey	-7.34	38	21.56	137.02
Washington	-7.42	39	40.67	159.02
Delaware	-7.58	40	25.64	101.80
New Hampshire	-7.63	41	1.40	106.74
Minnesota	-8.11	42	0.35	125.57
Rhode Island	-9.41	43	5.34	104.48
Virginia	-10.08	44	22.97	116.11
Georgia	-10.26	45	2.89	75.40
Michigan	-11.40	46	-19.68	57.60
Maryland	-11.83	47	29.43	132.48
Arizona	-20.56	48	20.23	131.27
Florida	-23.96	49	8.07	111.46
California	-25.52	50	-8.19	72.19
Nevada	-28.24	51	-2.76	70.65

X Not applicable.

1/ Rank based on one-year appreciation. The lower the rank, the higher the appreciation.

2/ United States figures based on weighted average of nine Census Divisions.

Source: Federal Housing Finance Agency (FHFA) "Record Home Price Declines in Fourth Quarter; Isolated Pockets of Strength", pp. 15-16 (February 24, 2009) <<http://www.ofheo.gov/media/hpi/4q08hpi.pdf>> accessed March 2, 2009.

**Table 14.10-- COST OF LIVING ANALYSES FOR HONOLULU
AND THE UNITED STATES AVERAGE: JANUARY 1, 2008**

[The U.S. National Average assumed consumption patterns vary according to income level. The Reference profiles for cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations only. The Institute model may be considered as an evolution of the U.S. Department of Labor's "Urban Family of Four" model which the Bureau of Labor Statistics discontinued in 1981]

Category	Income level 1 1/	Income level 2 2/	Income level 3 3/	Income level 4 4/
Honolulu total	22,508	42,262	79,173	113,394
Rent, utilities	12,058	22,825	38,489	50,422
Taxes: federal, state, payroll	2,008	5,076	10,291	16,934
Consumables	6,801	10,816	20,320	27,875
Transportation	813	2,164	5,176	8,819
Health services	828	1,322	2,196	2,565
Miscellaneous	-	59	2,701	6,779
U.S. national average	12,168	24,000	48,000	72,000
Rent, utilities	4,928	9,547	16,692	22,157
Taxes: federal, state, payroll	1,727	4,401	9,216	15,264
Consumables	4,062	6,859	12,798	17,588
Transportation	730	1,959	4,654	7,943
Health services	721	1,175	1,939	2,269
Miscellaneous	-	59	2,701	6,779
Honolulu indexed to U.S. average	185.0	176.1	164.9	157.5
Rent, utilities	244.7	239.1	230.6	227.6
Taxes: federal, state, payroll	116.3	115.3	111.7	110.9
Consumables	167.4	157.7	158.8	158.5
Transportation	111.4	110.5	111.2	111.0
Health services	114.8	112.5	113.3	113.0
Miscellaneous	-	100.0	100.0	100.0

1/ Income level \$12,168 assumes a single, minimum wage earner living with friends or parents, contributing partial rent and no automobile.

2/ Income level \$24,000 assumes a single parent of one child in a rented apartment (900 square foot), holding one or more jobs, and one automobile.

3/ Income level \$48,000 assumes two adults (filing as married), ages 32, two jobs, one child, two automobiles, and renting a three-bedroom home (1,560 square foot).

4/ Income level \$72,000 assumes two adults (filing as married), age 37, two jobs, two children, two automobiles, and renting a three-bedroom residence (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2008*, pp. 119 and 300 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.11-- COST OF LIVING ANALYSES FOR HONOLULU, SELECTED CITIES AND THE UNITED STATES AVERAGE: JANUARY 1, 2008

[The U.S. National Average assumed consumption patterns vary according to income level. The Reference profiles for cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations only. The Institute model may be considered as an evolution of the U.S. Department of Labor's "Urban Family of Four" model which the U.S. Bureau of Labor Statistics discontinued in 1981]

Location	Income level 1 1/	Income level 2 2/	Income level 3 3/		Income level 4 4/
			Dollars	Rank	
United States average	12,168	24,000	48,000	(X)	72,000
New York, New York	31,230	58,363	107,729	1	152,080
San Francisco, California	28,165	52,539	95,904	2	135,472
Honolulu, Hawaii	22,508	42,262	79,173	3	113,394
Washington, D.C.	21,988	41,762	78,728	4	113,426
Los Angeles, California	21,747	41,019	76,995	5	110,996
Queens, New York	19,758	37,378	70,083	6	100,767
San Diego, California	19,929	37,795	69,908	7	100,415
Boston, Massachusetts	19,867	37,609	69,893	8	100,062
Anaheim, California	19,355	36,594	69,249	9	100,397
Juneau, Alaska	18,640	35,216	67,198	10	97,355
Oakland, California	18,954	35,657	67,031	11	97,054
Brookhaven, New York	18,153	34,608	66,941	12	97,652
Stamford, Connecticut	18,522	35,330	66,841	13	96,608
San Jose, California	18,865	35,470	65,985	14	95,119
Long Beach, California	18,639	35,319	65,524	15	94,584
Atlantic City, New Jersey	16,255	31,085	65,230	16	98,565
Santa Barbara, California	18,019	34,244	65,151	17	94,983
Santa Cruz, California	18,027	34,323	63,753	18	92,124
Boulder, Colorado	17,825	33,810	62,540	19	89,988
Chicago, Illinois	16,548	31,549	61,305	20	90,116
Anchorage, Alaska	16,802	31,567	61,199	21	89,372
Seattle, Washington	17,116	32,352	60,840	22	88,025
Monterey, California	16,448	31,462	60,790	23	89,477
Ventura, California	16,781	31,989	60,698	24	88,639
Philadelphia, Pennsylvania	16,652	31,639	60,418	25	88,077

(X) Not applicable.

1/ Income level \$12,168 assumes a single, minimum wage earner living with friends or parents, contributing partial rent and no automobile.

2/ Income level \$24,000 assumes a single parent of one child in a rented apartment (900 square foot), holding one or more jobs, and one automobile.

3/ Income level \$48,000 assumes two adults (filing as married), ages 32, two jobs, one child, two automobiles, and renting a three-bedroom home (1,560 square foot).

4/ Income level \$72,000 assumes two adults (filing as married), age 37, two jobs, two children, two automobiles, and renting a three-bedroom residence (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2008*, and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2008

[The home market values shown in the table below are based on 2,200 sq. ft. (approximately), single-family dwelling with 4-bedroom, 2.5-bath, family room (or equivalent) and 2-car garage in a corporate middle-management neighborhood. The sampling of locations studied in the annual Coldwell Banker® Home Price Comparison Index (HPCI) is based on an analysis of 315 United States markets listings' average sales price through July 2008]

State	Most expensive	Average sales price	Most affordable	Average sales price
Alabama	Mobile	228,750	Huntsville	218,267
Alaska	Juneau	402,873	Anchorage	337,725
Arizona	Scottsdale	472,833	Mesa	231,720
Arkansas	Fayetteville	248,528	Fort Smith	185,450
California	La Jolla	1,841,667	Bakersfield	273,457
Colorado	Boulder	645,000	Colorado Springs	198,500
Connecticut	Greenwich	1,787,000	West Hartford	394,500
Delaware	Wilmington	409,000	(1/)	(1/)
District of Columbia	District of Columbia	785,000	(1/)	(1/)
Florida	Key West	818,239	Ormond Beach	201,233
Georgia	Atlanta	314,333	Macon	169,048
Hawaii	Kihei, Maui	934,950	Honolulu	780,000
Idaho	Coeur d'Alene	232,967	Boise	232,750
Illinois	Chicago	863,300	Rockford	199,875
Indiana	Munster	342,667	Muncie	144,250
Iowa	Des Moines	236,875	Sioux City	133,459
Kansas	Leavenworth	239,500	Topeka	150,075
Kentucky	Lexington	291,000	Florence	223,257
Louisiana	New Orleans	306,900	Shreveport	229,925
Maine	Portland	352,250	Augusta	152,947
Maryland	Bethesda	767,453	Hagerstown	264,825
Massachusetts	Boston	1,493,750	Worcester	269,333
Michigan	Ann Arbor	263,783	Jackson	134,325
Minnesota	Edina	413,325	Rochester	201,900
Mississippi	Jackson	238,938	Tupelo	195,790
Missouri	Kansas City	229,000	Springfield	183,300
Montana	Bozeman	331,332	Great Falls	175,500
Nebraska	Kearney	223,750	North Platte	195,762
Nevada	Reno	302,625	Las Vegas	272,125
New Hampshire	Hanover	584,500	Portsmouth	276,667
New Jersey	Ridgewood	955,938	Haddon Heights	275,680
New Mexico	Santa Fe	627,500	Albuquerque	329,185
New York	Katonah	888,750	Syracuse	198,600
North Carolina	Wilmington	356,355	Greensboro	187,967

Continued on next page.

**Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE
MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2008 -- Con.**

State	Most expensive	Average sales price	Most affordable	Average sales price
North Dakota	Fargo	224,426	Minot	142,000
Ohio	Cincinnati	243,583	Akron	135,780
Oklahoma	Oklahoma City	165,000	Tulsa	154,200
Oregon	Bend	404,250	Salem	299,437
Pennsylvania	Philadelphia	511,750	Erie	211,625
Rhode Island	Providence	464,000	(1/)	(1/)
South Carolina	Charleston	389,750	Columbia	189,262
South Dakota	Rapid City	213,925	(1/)	(1/)
Tennessee	Nashville	239,500	Chattanooga	158,000
Texas	Dallas	326,425	Arlington	143,775
Utah	Salt Lake City	389,400	Provo	347,850
Vermont	Burlington	367,750	Rutland	278,898
Virginia	Alexandria	744,190	Winchester	264,500
Washington	Bellevue	814,483	Tri-Cities	225,988
West Virginia	Charleston	184,950	Parkersburg	165,333
Wisconsin	Milwaukee	374,825	Eau Claire	147,300
Wyoming	Casper	220,000	(1/)	(1/)

1/ Only one market included in the study.

Source: Coldwell Banker, "Annual Coldwell Banker Home Price Comparison Index Finds \$1.7 Million Difference between Nation's Most Expensive and Affordable Housing Markets" (September 9, 2008)
<http://hpci.coldwellbanker.com/hpci_press.aspx#US> accessed September 30, 2008.

Table 14.13-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2009

[Up to 100,000 retail gasoline self-serve stations are surveyed daily and prices posted the following day. The posting date is indicated in the title. Prices are in dollars per gallon. Rank of 1 indicates highest price per gallon. Rank is among 50 states and District of Columbia]

Item	Regular	Mid	Premium	Diesel
Hawaii	2.887	3.053	3.110	3.849
Hawaii rank	2	4	5	1
U. S. average	2.606	2.767	2.866	2.495
Hawaii as percent of U.S. average	110.783	110.336	108.514	154.269
Alabama	2.440	2.608	2.686	2.388
Alaska	2.828	2.993	3.164	3.463
Arizona	2.479	2.586	2.735	2.463
Arkansas	2.481	2.617	2.784	2.400
California	2.883	3.069	3.120	2.734
Colorado	2.513	2.688	2.809	2.420
Connecticut	2.694	2.923	3.000	2.720
Delaware	2.493	2.648	2.765	2.484
District of Columbia	2.603	2.772	2.855	2.724
Florida	2.578	2.793	2.844	2.511
Georgia	2.445	2.628	2.745	2.400
Hawaii	2.887	3.053	3.110	3.849
Idaho	2.533	2.673	2.747	2.460
Illinois	2.852	3.068	3.163	2.575
Indiana	2.808	3.020	3.106	2.507
Iowa	2.587	2.724	2.854	2.437
Kansas	2.548	2.616	2.718	2.482
Kentucky	2.584	2.771	2.897	2.404
Louisiana	2.473	2.636	2.759	2.391
Maine	2.589	2.793	2.871	2.537
Maryland	2.503	2.661	2.729	2.491
Massachusetts	2.530	2.720	2.823	2.560
Michigan	2.920	3.093	3.217	2.573
Minnesota	2.614	2.719	2.789	2.491
Mississippi	2.433	2.566	2.681	2.348
Missouri	2.449	2.549	2.698	2.344
Montana	2.569	2.679	2.808	2.414
Nebraska	2.656	2.715	2.791	2.461
Nevada	2.611	2.752	2.852	2.523
New Hampshire	2.495	2.702	2.798	2.462
New Jersey	2.416	2.590	2.688	2.409
New Mexico	2.597	2.766	2.885	2.506
New York	2.708	2.897	2.958	2.737

Continued on next page.

Table 14.13-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2009-- Con.

State	Regular	Mid	Premium	Diesel
North Carolina	2.517	2.671	2.788	2.437
North Dakota	2.633	2.724	2.822	2.470
Ohio	2.794	2.979	3.099	2.542
Oklahoma	2.478	2.563	2.705	2.320
Oregon	2.663	2.810	2.852	2.522
Pennsylvania	2.576	2.715	2.835	2.624
Rhode Island	2.576	2.740	2.831	2.590
South Carolina	2.391	2.542	2.666	2.344
South Dakota	2.582	2.747	2.860	2.417
Tennessee	2.421	2.563	2.686	2.367
Texas	2.461	2.604	2.698	2.394
Utah	2.475	2.611	2.724	2.413
Vermont	2.521	2.712	2.829	2.573
Virginia	2.444	2.564	2.663	2.431
Washington	2.754	2.852	2.994	2.654
West Virginia	2.689	2.811	2.952	2.551
Wisconsin	2.802	2.909	3.043	2.514
Wyoming	2.447	2.551	2.717	2.348

Source: AAA's Daily Fuel Gauge Report© Copyright, Oil Price Information Service, National Unleaded Average <<http://www.fuelgaugereport.com/index.asp>> and Current State Averages <<http://www.fuelgaugereport.com/sbsavg.asp>> accessed June 6, 2009.

Table 14.14-- CENTRAL BUSINESS DISTRICT PARKING RATES FOR HONOLULU AND THE UNITED STATES AVERAGE: 2009

[Survey only includes covered and underground garages in prime central business districts (CBD) in 64 markets in North America, with 52 of them in the U.S. Parking rate data were collected during the month of June 2008 and includes all relevant taxes. Garages may offer supplementary services such as valet parking, car washing/detailing and dry cleaning. For reserved parking, the customer is guaranteed the same space for every entry. For unreserved parking, the customer is guaranteed a space upon entry. For daily parking, the customer is permitted to park for a full day and is not impacted by "early bird" restrictions]

Market 1/	Segment	Honolulu	United States average	Honolulu as percent of United States average
Monthly unreserved	Parking rate – high	325.00	208.98	155.5
Monthly unreserved	Parking rate – low	130.00	107.16	121.3
Monthly unreserved	Parking rate – median	212.33	154.23	137.7
Monthly reserved	Parking rate – high	425.00	268.13	158.5
Monthly reserved	Parking rate – low	150.00	136.55	109.8
Monthly reserved	Parking rate – median	314.14	188.75	166.4
Daily parking	Rate – high	75.00	24.16	310.4
Daily parking	Rate – low	21.00	10.07	208.5
Daily parking	Rate – median	35.50	15.96	222.4
Hourly parking	Rate – high	10.00	8.91	112.2
Hourly parking	Rate – low	1.50	3.12	48.1
Hourly parking	Rate – median	6.00	5.57	107.7
Garages offering additional services (percent)		5	21.6	23.1
Garages with waiting lists (percent)		5	13.6	36.8
Typical wait period (number of months)		3.0	3.70	81.1
Availability of parking		2/ Fair	(X)	(X)
Additional garages within next 24 months		-	(X)	(X)
Parking spots to be added		-	(X)	(X)

X Not applicable.

1/ 'Early Bird' refers to discounted parking offered to those that park before the work day begins. Both 'Early Bird' and 'Hourly metered parking' were tabulated separately in previous reports but not in the 2009.

2/ Refers to parking garages that are 60-80% full Monday to Friday and weekends during special events.

Source: Colliers International North America "Highlights CBD Parking Rate Survey 2009"

<<http://www.colliers.com/Corporate/MarketReports/UnitedStates/>> accessed July 2, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.15-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES
IN THE UNITED STATES AND RANK WORLDWIDE: 2006 TO 2009**

[The survey, conducted in March, covers more than 140 cities worldwide and measures the comparative cost of over 200 items in each location, including housing, food, clothing, utilities, transportation, and entertainment costs. The higher the index, the lower the rank where a rank of 1 indicates the most expensive city. New York City = 100.0. Honolulu was not among the top 50 in the 2007 Mercer study released June 17, 2007 and rankings below 50th are not readily available]

City and state	Index			Global rank		
	2006	2008	2009	2006	2008	2009
Atlanta, GA	76.3	(NA)	(NA)	86	(NA)	(NA)
Boston, MA	76.8	(NA)	(NA)	84	(NA)	(NA)
Chicago, IL	84.1	80.3	80.7	38	84	50
Cleveland, OH	69.8	(NA)	(NA)	110	(NA)	(NA)
Denver, CO	73.6	(NA)	(NA)	97	(NA)	(NA)
Detroit, MI	68.3	(NA)	(NA)	122	(NA)	(NA)
Honolulu, HI	80.0	81.4	81.6	67	77	41
Houston, TX	78.5	(NA)	(NA)	76	(NA)	(NA)
Los Angeles, CA	86.7	87.5	87.6	29	55	23
Miami, FL	83.9	82.0	81.4	39	75	45
Morristown, NJ	76.8	(NA)	(NA)	84	(NA)	(NA)
New York City, NY	100.0	100.0	100.0	10	22	8
Pittsburgh, PA	69.4	(NA)	(NA)	113	(NA)	(NA)
Portland, OR	69.7	(NA)	(NA)	111	(NA)	(NA)
San Francisco, CA	85.0	81.0	82.5	34	78	34
Seattle, WA	71.9	(NA)	(NA)	102	(NA)	(NA)
St. Louis, MO	71.6	(NA)	(NA)	103	(NA)	(NA)
Washington, DC	77.0	(NA)	(NA)	83	(NA)	(NA)
White Plains, NY	83.2	79.3	84.7	34	89	31
Winston Salem, NC	66.7	(NA)	(NA)	124	(NA)	(NA)

Source: Mercer Human Resource Consulting, "Worldwide Cost of Living Survey 2006 – city rankings" <<http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1142150>> accessed June 26, 2006; Mercer, "Worldwide Cost of Living survey 2009 – City ranking" (July 7, 2009) <<http://www.mercer.com/summary.htm?idContent=1311145>> accessed July 17, 2009; and FinFacts "Global/World Cost of Living Rankings - 2006-2007" <<http://www.finfacts.com/costofliving3.htm>> accessed July 14, 2006.

Table 14.16-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES FOR 2007 AND RANK FOR 2006 AND 2007

[The bi-annual survey compares the cost of a representative basket of goods and services in dollar terms from over 130 cities worldwide. Listed in order of rank in 2007. Rank of 1 indicates most expensive city. New York City = Index of 100]

City	Country	Rank		Index
		2006	2007	2007
Oslo	Norway	1	1	132
Paris	France	4	2	130
Copenhagen	Denmark	6	3	126
London	United Kingdom	7	4	125
Tokyo	Japan	2	5	124
Osaka - Kobe	Japan	4	6	118
Seoul	South Korea	13	11	115
Singapore	Singapore	24	14	108
Hong Kong	Hong Kong	14	16	107
Sydney	Australia	16	18	106
New York	United States	27	28	100
Vancouver	Canada	43	34	96
Chicago	United States	35	36	95
Montreal	Canada	43	36	95
Los Angeles	United States	35	39	94
San Francisco	United States	40	41	92
Toronto	Canada	47	43	90
Washington, D.C.	United States	46	44	89
Houston	United States	48	47	88
Auckland	New Zealand	29	50	87
Shanghai	China	51	51	86
Taipei	Taiwan	48	53	85
Miami	United States	54	55	84
Detroit	United States	58	61	82
Seattle	United States	58	61	82
Beijing	China	58	63	80
Boston	US	63	63	80
Mexico City	Mexico	57	68	79
Jakarta	Indonesia	100	73	76
Honolulu	United States	75	77	73
Atlanta	United States	81	84	71
Bangkok	Thailand	107	92	67
Ho Chi Minh	Vietnam	91	92	67
Kathmandu	Nepal	(NA)	126	45
New Delhi	India	122	126	45
Manila	Philippines	127	131	43
Tehran	Iran	128	132	34

NA Not available.

Source: Economist Intelligence Unit "Worldwide Cost of Living Survey 2007" (March 6, 2007)
<http://www.eiuresources.com/mediadir/default.asp?PR=1670001967> accessed March 20, 2007 and
 Digg World News "The Economist ranks the world's most expensive cities"

<http://www.digg.com/world_news/The_Economist_ranks_the_world_s_most_expensive_cities>
accessed March 30, 2007.

Table 14.17-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2009

[No further changes as of June 30, 2009]

Effective or survey date	Allowance category	Honolulu	Hawaii	Maui	Kauai
	ALLOWANCE RATES				
March 25, 1997	All employees 1/	22.50	15.00	22.50	22.50
December 2, 1997	All employees 1/	22.50	15.00	22.50	22.50
October 21, 1998	All employees 2/	25.00	15.00	22.50	22.50
October 3, 2000	All employees 3/	25.00	16.50	23.75	23.25
November 9, 2001	All employees 4/	25.00	16.50	23.75	23.25
June 30, 2008	All employees 5/	25.00	18.00	25.00	25.00
	INDEXES				
1996 Survey	Cost of Living Index 6/	121.95	111.89	121.36	121.36
1998 Survey	Cost Comparison Index 7/	124.51	110.89	120.32	117.19

1/ Interim Rule issued on March 25 and Final Rule issued on December 2, 1997.

2/ As Interim Rule on October 21 and as corrected on November 13, 1998. Final Rule published July 17, 2000, effective August 16, 2000. Current law prohibits reduction in COLA rates through December 31, 2000. As part of the COLA Research in the litigation Carabello et al vs United States and as requested by Congress, an Interim Rates and Survey Schedule was announced but not yet enacted. The rates, as of October 1, 2000, are raised for Hawaii and Maui to 16.50 and 23.75 percent respectively. The Interim Rates as well as those for Kauai may increase further depending upon the results of the 1998 price surveys and the surveys conducted under New Regulations. Also see OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000 and <<http://www.opm.gov/oca/cola/html/cola-n.htm>>.

3/ Interim rule and invitation for comment issued in Federal Register: Vol. 65, No. 192.

4/ Final rule issued in Federal Register: November 9, 2001 (Volume 66, Number 218).

5/ Final rule issued in Federal Register: May 29, 2008 (Volume 73, Number 104).

6/ Washington, D.C. living costs=100. Based on a survey of comparative costs for Federal employees in February 1996. The Survey was conducted and indexes calculated by Runzheimer International. The detailed methodology is described in the *Federal Register*: March 25, 1997.

7/ Similar explanation to footnote 4/ except the survey period was 1998 and publication in the *Federal Register* was July 17, 2000.

Source: U.S. Office of Personnel Management, *Federal Register Online* via GPO Access <<http://www.wais.access.gpo.gov>>, Vol. 62, No. 57, March 25, 1997 (pp. 14187-14189); Vol. 62, No. 231, December 2, 1997 (pp. 63630-63631); Vol. 63, No. 203, October 21, 1998 (pp. 56430-56431); Vol. 63, No. 219, November 13, 1998 (p. 63385) and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed May 15, 2000. OMP-announced Federal COLA Retro Settlement, 06-23-00 and further developments <<http://www.opm.gov/oca/compmemo/2000/2000-10.htm>>. OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000; OMP, Cost-of-Living Allowances Vol. 65, No. 192, October 3, 2000 (58901-58902) and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed June 30, 2007; and *Federal Register*, Vol. 73, No. 104, May 29, 2008 (pp. 30727- 30734)

<<http://edocket.access.gpo.gov/2008/pdf/E8-12020.pdf>> accessed May 29, 2008.

**Table 14.18-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN
HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND**

[As of June 30, 2009. Index number continental United States=100]

Effective date	Locality	Locality code 1/	Index
May 1, 2009	Hawaii Island	HI 001	132
May 1, 2009	Kauai	HI 003	134
July 1, 2009	Maui	HI 005	138
July 1, 2009	Molokai	HI 007	138
May 1, 2009	Oahu	HI 009	128
November 8, 1989	Other islands	HI 999	None

1/ Assigned by the Department of Defense to identify each area entitled to COLA. Location code "HI 999 - Other islands" is a valid location but COLA is not currently prescribed for this Hawaii location.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Committee, Overseas Cost-of-Living Program, "Table III - Cost-of-Living Allowance (COLA) Indexes, Changes Effective 1-Jul-2009", p.7 <<http://www.defensetravel.dod.mil/pdc-archive/appendix-j/2009%20COLA%20Indexes/>> accessed June 30, 2009.

Table 14.19-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION

[As of July 1, 2009. In dollars per day. To calculate a per diem rate: maximum lodging plus meals (local, proportional, or government) plus incidental rate (local or onbase) as specified in the travel orders. Once effective, the rates apply January 1 - December 31]

Locality	Maximum per diem rate 1/	Maximum lodging	Local meals rate	Proportional meals rate	Local incidental rate 2/	Effective date
Camp H.M. Smith	283	177	85	48	21	May 1, 2008
EASTPAC Naval COMP TELE Area	283	177	85	48	21	May 1, 2008
Ft. DeRussey	283	177	85	48	21	May 1, 2008
Ft. Shafter	283	177	85	48	21	May 1, 2008
Hickam Air Force Base	283	177	85	48	21	May 1, 2008
Honolulu	283	177	85	48	21	May 1, 2008
Isle of Hawaii: Hilo	219	115	83	47	21	May 1, 2009
Isle of Hawaii: other	288	180	86	48	22	May 1, 2009
Isle of Kauai	313	198	92	51	23	May 1, 2009
Isle of Maui	273	169	83	47	21	May 1, 2009
Isle of Oahu	283	177	85	48	21	May 1, 2008
Kekaha Pacific Missile Range Fac.	313	198	92	51	23	May 1, 2009
Kilauea Military Camp	219	115	83	47	21	May 1, 2009
Lanai	353	229	99	55	25	May 1, 2009
Lualualei Naval Magazine	283	177	85	48	21	May 1, 2008
Marine Corps Base Hawaii	283	177	85	48	21	May 1, 2008
Molokai	257	159	79	45	19	May 1, 2009
NAS Barbers Point	283	177	85	48	21	May 1, 2008
Pearl Harbor	283	177	85	48	21	May 1, 2008
Schofield Barracks	283	177	85	48	21	May 1, 2008
Wheeler Army Airfield	283	177	85	48	21	May 1, 2008
Other 3/	219	115	83	47	21	May 1, 2009

1/ For reimbursement of subsistence expenses incurred during official OCONUS (Outside Continental United States) travel.

2/ The standard onbase incidental rate is \$3.50 OCONUS-wide.

3/ Use this rate if neither the city nor military installation is listed.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Committee, Rates and Allowances, Per Diem Rates, Hawaii <<https://secureapp2.hqda.pentagon.mil/perdiem/>> accessed July 10, 2009.