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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: 2008*, 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 2007

[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 2/	112.945	109.705
1984	61.393	67.479	2005 2/	116.881	113.277
1985	64.371	69.468	2006 2/	121.161	116.724
1986	67.316	71.499	2007	123.410	119.843
1987	69.633	73.346			

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 2007.

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/gsp/>> accessed October 26, 2006 and 1997 to 2007 accessed June 5, 2008; 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 2007

[1982-1984 average = 100. Excludes rent before 1963]

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 2007 -- 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

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. 1987-2007: 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, 2008.

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

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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 2007 -- 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

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, 2008.

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2003 TO 2007

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

Group	2003	2004	2005	2006	2007
All items	184.5	190.6	197.8	209.4	219.504
Food and beverages	174.9	180.2	185.9	194.2	204.942
Food	174.1	179.5	185.4	193.9	204.850
Food at home	178.7	185.7	191.4	198.9	211.000
Food away from home	167.1	171.0	176.4	186.0	195.071
Alcoholic beverages	184.0	188.5	191.5	197.7	204.337
Housing	186.2	194.3	205.2	222.5	238.428
Shelter	200.3	209.7	221.4	242.2	260.518
Rent of primary residence	190.2	196.9	207.6	228.9	247.386
Owners' equivalent rent of primary residence	1/ 206.4	1/ 214.4	1/ 225.0	1/ 248.3	1/ 267.859
Fuel and utilities	154.1	161.1	179.8	203.3	214.040
Household energy 2/	137.7	146.1	165.4	187.3	192.529
Gas (piped) and electricity	136.9	144.8	163.5	185.2	190.190
Electricity	133.6	141.1	159.2	181.1	185.965
Utility (piped) gas service 3/	167.7	180.7	206.9	217.8	224.454
Household furnishings & operation	162.8	166.4	165.1	162.6	165.368
Apparel	98.5	101.2	102.5	104.4	104.145
Transportation	176.4	182.4	191.6	202.1	205.027
Private transportation	171.5	179.4	189.1	199.8	202.805
Motor fuel	154.5	172.6	203.7	234.0	243.860
Gasoline (all types)	158.5	177.5	209.3	240.4	250.606
Gasoline, unleaded regular 4/	166.0	186.6	220.3	253.5	264.578
Gasoline, unleaded midgrade 4/	5/ 124.9	5/ 139.4	5/ 164.3	5/ 188.4	5/ 195.918
Gasoline, unleaded premium 4/	145.0	160.5	188.4	215.1	223.726
Medical care	(6/)	275.9	(6/)	(6/)	(6/)
Education and communication	7/ 112.5	7/ 113.5	7/ 114.3	7/ 114.0	7/ 113.967
Recreation	7/ 100.4	7/ 102.3	7/ 97.8	7/ 101.1	7/ 102.572
Other goods and services	307.6	312.4	321.0	332.1	347.499
Commodity and service group					
All items	184.5	190.6	197.8	209.4	219.504
Commodities	154.8	159.3	164.1	169.4	174.478
Commodities less food and beverages	139.4	143.3	147.5	150.8	152.794
Nondurables less food and beverages	150.8	157.9	167.0	175.7	180.082
Durables	122.6	122.1	121.0	120.2	120.419
Services	210.3	217.8	227.1	244.2	258.946

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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, 2003 TO 2007 -- Con.

Group	2003	2004	2005	2006	2007
Special aggregate indexes:					
All items less shelter	178.5	183.2	188.1	195.6	201.523
All items less medical care	180.2	186.3	193.5	205.1	214.992
All items less energy	188.6	194.3	200.2	211.0	221.339
Energy	147.0	160.6	186.3	211.6	219.187
All items less food and energy	192.6	198.4	204.4	215.6	225.932
Commodities less food	141.4	145.3	149.5	152.9	155.028
Nondurables less food	153.1	159.9	168.6	177.1	181.620
Nondurables	164.2	170.3	177.6	186.0	193.935
Services less rent of shelter	1/ 224.5	1/ 229.5	1/ 234.1	1/ 246.1	1/ 253.668
Services less medical care services	205.4	213.2	222.6	240.4	254.878

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, 2008.

Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2006 AND 2007

[Percent of all items. 2006 is based on the 2003-2004 and 2007 is based on the 2005-2006 weights in the Consumer Expenditure Survey]

Group	2006 CPI-U		2007 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
Relative importance of area	100.000	0.324	100.000	0.357
EXPENDITURE CATEGORY				
All items	100.000	100.000	100.000	100.000
Food and beverages	14.992	15.689	14.914	15.488
Food	13.885	14.917	13.833	14.500
Food at home	7.896	7.885	7.660	7.275
Cereals and bakery products	1.103	(NA)	1.030	(NA)
Meats, poultry, fish, and eggs	2.112	(NA)	1.807	(NA)
Meats, poultry, and fish	2.013	(NA)	1.687	(NA)
Dairy and related products	0.821	(NA)	0.887	(NA)
Fruits and vegetables	1.211	(NA)	1.156	(NA)
Other food at home	1.743	(NA)	1.852	(NA)
Food away from home	5.989	7.032	6.173	7.224
Alcoholic beverages	1.107	0.772	1.080	0.988
Housing	42.691	45.168	42.427	46.815
Shelter	32.776	38.160	32.596	38.580
Rent of primary residence	5.930	8.555	5.765	7.058
Tenants' and household insurance	0.369	(NA)	0.325	(NA)
Owners' equivalent rent of primary residence	23.830	27.686	23.942	29.157
Lodging away from home	2.648	(NA)	2.564	(NA)
Fuels and utilities	5.264	3.513	5.128	3.894
Household energy 1/	4.368	2.703	4.215	2.970
Fuel oil and other fuels	0.338	(NA)	0.351	(NA)
Fuel oil	0.231	(NA)	0.239	(NA)
Propane, kerosene, and firewood 2/	0.107	(NA)	0.113	(NA)
Gas (piped) and electricity	4.029	2.646	3.864	2.896
Electricity	2.750	2.496	2.766	2.743
Utility (piped) gas service	1.280	0.151	1.098	0.153
Water and sewer and trash collection serv.	0.897	(NA)	0.913	(NA)
Household furnishings and operations	4.651	3.496	4.702	4.336
Apparel	3.726	2.970	3.731	3.501
Men's and boys' apparel	0.885	(NA)	0.935	(NA)
Women's and girls' apparel	1.590	(NA)	1.600	(NA)
Footwear	0.749	(NA)	0.679	(NA)
Infants' and toddlers' apparel	0.177	(NA)	0.185	(NA)
Jewelry and watches	0.325	(NA)	0.333	(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 2006 AND 2007 -- Con.

Group	2006 CPI-U		2007 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
EXPENDITURE CATEGORY -- Con.				
Transportation	17.249	17.511	17.688	15.725
Private transportation	16.188	15.896	16.583	13.685
Motor fuel	4.347	3.205	5.482	3.966
Gasoline (all types)	4.303	3.125	5.215	3.894
Public transportation	1.060	(NA)	1.106	(NA)
Medical care	6.281	5.352	6.231	4.969
Medical care services	4.834	(NA)	4.630	(NA)
Recreation	5.552	4.899	5.647	5.441
Education and communication	6.034	5.180	6.086	5.258
Other goods and services	3.476	3.231	3.277	2.816
Personal care	2.764	(NA)	2.546	(NA)
COMMODITY AND SERVICE GROUP 3/				
All items	100.000	100.000	100.000	100.000
Commodities	40.305	38.719	41.269	38.512
Commodities less food and beverages	25.313	23.030	26.356	23.022
Nondurables less food and beverages	14.191	11.023	15.519	12.866
Durables	11.122	12.007	10.837	10.141
Services	59.695	61.281	58.731	61.486
SPECIAL AGGREGATE INDEXES 3/				
All items less shelter	67.224	61.840	67.404	61.420
All items less medical care	93.719	94.648	93.769	95.033
All items less energy	91.285	94.092	90.302	93.055
All items less food and energy	77.401	79.175	76.469	78.557
Energy	8.715	5.908	9.698	6.938
Commodities less food	26.420	23.802	27.436	24.010
Nondurables less food	15.299	11.795	16.599	13.853
Nondurables	29.183	26.712	30.432	28.364
Services less rent of shelter	27.288	23.346	26.460	23.132
Rent of shelter	32.407	(NA)	32.271	(NA)
Services less medical care services	54.861	57.113	54.101	57.875

NA Not available.

1/ Prior to 2006, called "Fuels".

2/ Prior to 2006, "Other household fuels".

3/ 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 20, 2008.

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/)

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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: 1980 TO 2007

[In percent change from previous period and number. Period ending December 30. The House Price Index is a weighted, repeat-sales index, measuring average price changes on the same single-family properties. The data are provided to OFHEO by Fannie Mae and Freddie Mac]

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1980 (percent)
United States 2/	0.84	(X)	41.37	290.20
Utah	9.27	1	54.26	293.60
Wyoming	8.27	2	64.47	189.56
North Dakota	7.87	3	41.11	161.03
Montana	6.90	4	62.34	294.61
Alaska	5.97	5	51.11	185.40
Washington	5.44	6	66.85	413.94
New Mexico	5.39	7	56.20	245.60
Texas	5.21	8	25.17	128.94
Oklahoma	5.13	9	26.98	110.06
North Carolina	4.85	10	32.05	247.89
South Dakota	4.83	11	33.02	197.74
Idaho	4.55	12	63.03	258.02
Alabama	4.45	13	33.11	196.66
Tennessee	4.14	14	31.14	213.81
Louisiana	4.14	15	39.76	153.02
Mississippi	4.12	16	31.96	165.69
Oregon	3.85	17	67.42	372.37
South Carolina	3.77	18	33.39	222.31
Arkansas	3.63	19	31.37	164.06
Kentucky	3.51	20	23.50	195.37
West Virginia	3.04	21	32.99	135.62
Pennsylvania	2.83	22	47.95	313.18
Iowa	2.73	23	21.79	155.18
Georgia	2.55	24	24.74	248.14
Kansas	2.54	25	21.65	147.88
Missouri	2.46	26	28.00	207.82
Nebraska	2.45	27	18.75	161.09
Vermont	2.41	28	56.25	374.91
Hawaii	2.01	29	96.59	449.11
Illinois	1.95	30	36.18	285.44
Delaware	1.95	31	59.93	421.50
Wisconsin	1.94	32	31.43	234.38
Maine	1.91	33	45.95	421.20
District of Columbia	1.87	34	87.62	569.75

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Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1980 TO 2007-- Con.

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1980 (percent)
Indiana	1.47	35	14.66	160.24
Colorado	1.37	36	17.46	270.22
Connecticut	0.81	37	43.51	377.32
Virginia	0.81	38	66.28	378.42
Maryland	0.80	39	80.64	441.83
New York	0.66	40	51.10	564.43
New Jersey	-0.27	41	57.18	477.49
Ohio	-0.42	42	11.47	169.69
New Hampshire	-0.61	43	34.60	398.65
Minnesota	-1.15	44	28.58	267.58
Massachusetts	-2.17	45	28.08	607.71
Arizona	-2.40	46	80.40	320.35
Rhode Island	-2.56	47	51.21	485.31
Michigan	-4.27	48	5.66	204.87
Florida	-4.69	49	77.90	363.56
Nevada	-5.86	50	75.63	287.15
California	-6.65	51	69.09	501.56

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 Census Divisions.

Source: Office of Federal Housing Enterprise Oversight (OFHEO) "Widespread House Price Declines in Fourth Quarter", pp. 25-26 (February 26, 2008) <<http://www.ofheo.gov/media/pdf/4q07hpi.pdf>> accessed May 13, 2008.

**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: 2007

[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 is based on an analysis of 317 United States markets]

State	Most expensive	Average sales price	Most affordable	Average sales price
Alabama	Mobile	232,375	Huntsville	212,183
Alaska	Juneau	465,000	Anchorage	340,302
Arizona	Scottsdale	525,667	Mesa	257,467
Arkansas	Fayetteville	252,950	Fort Smith	183,950
California	Beverly Hills	2,206,883	Sacramento	380,625
Colorado	Boulder	615,000	Colorado Springs	197,500
Connecticut	Greenwich	2,018,750	West Hartford	365,000
Delaware	Wilmington	414,500	(1/)	(1/)
District of Columbia	District of Columbia	808,500	(1/)	(1/)
Florida	Key West	929,818	Port Charlotte	239,100
Georgia	Atlanta	324,000	Macon	165,440
Hawaii	Kihei, Maui	963,000	Honolulu	843,750
Idaho	Boise	250,400	Coeur d'Alene	250,370
Illinois	Chicago	732,333	Rockford	199,875
Indiana	Munster	341,667	Muncie	150,000
Iowa	Des Moines	260,275	Sioux City	184,000
Kansas	Lawrence	232,300	Topeka	150,075
Kentucky	Louisville	238,000	Florence	209,579
Louisiana	New Orleans	310,875	Shreveport	225,750
Maine	Portland	354,000	Augusta	157,400
Maryland	Bethesda	950,000	Hagerstown	316,450
Massachusetts	Boston	1,381,250	Worcester	286,000
Michigan	Ann Arbor	303,750	Grayling	155,000
Minnesota	Edina	434,975	Rochester	211,329
Mississippi	Jackson	244,000	Tupelo	179,125
Missouri	Kansas City	238,875	Springfield	189,650
Montana	Bozeman	341,212	Billings	168,542
Nebraska	Norfolk	212,250	North Platte	195,762
Nevada	Reno	384,500	Las Vegas	362,188
New Hampshire	Hanover	496,000	Portsmouth	283,000
New Jersey	Ridgewood	1,006,250	Cherry Hill	287,167
New Mexico	Santa Fe	640,062	Albuquerque	317,319
New York	Katonah	904,750	Binghamton	193,382
North Carolina	Wilmington	339,082	Greensboro	182,178

Continued on next page.

Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2007 -- Con.

State	Most expensive	Average sales price	Most affordable	Average sales price
North Dakota	Fargo	217,890	Minot	139,033
Ohio	Cincinnati	250,530	Canton	146,333
Oklahoma	Oklahoma City	193,750	Tulsa	153,750
Oregon	Medford	433,250	Salem	311,567
Pennsylvania	Philadelphia	515,225	Erie	205,475
Rhode Island	Providence	483,333	(1/)	(1/)
South Carolina	Charleston	389,750	Columbia	198,967
South Dakota	Rapid City	197,600	(1/)	(1/)
Tennessee	Nashville	238,333	Memphis	191,936
Texas	Dallas	302,198	Killeen	136,725
Utah	Salt Lake City	408,125	Provo	363,975
Vermont	Burlington	373,475	Rutland	291,718
Virginia	Alexandria	771,500	Lynchburg	275,269
Washington	Bellevue	763,667	Tri-Cities	228,988
West Virginia	Charleston	176,625	Parkersburg	164,333
Wisconsin	Milwaukee	324,750	Eau Claire	158,650
Wyoming	Cheyenne	225,956	(1/)	(1/)

1/ Only one market included in the study.

Source: Coldwell Banker, "2007 Coldwell Banker® Home Price Comparison Index reveals That \$2.1 Million Separates Beverly Hills from Killeen, Texas" (September 26, 2007)

<http://hpci.coldwellbanker.com/hpci_press.aspx#US> accessed October 23, 2007.

Table 14.13-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2008

[Up to 100,000 retail gasoline self-serve stations are surveyed daily. 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	4.171	4.411	4.494	5.088
Hawaii rank	6	6	7	3
U. S. average	3.986	4.232	4.384	4.760
Hawaii as percent of U.S. average	104.6	104.2	102.5	106.9
Alabama	3.855	4.121	4.244	4.674
Alaska	4.299	4.549	4.809	4.864
Arizona	3.953	4.123	4.361	4.775
Arkansas	3.821	4.031	4.287	4.663
California	4.398	4.682	4.759	5.090
Colorado	3.932	4.206	4.394	4.702
Connecticut	4.269	4.633	4.754	4.975
Delaware	3.974	4.222	4.407	4.829
District of Columbia	4.049	4.312	4.441	4.850
Florida	3.963	4.294	4.373	4.762
Georgia	3.945	4.241	4.429	4.738
Hawaii	4.171	4.411	4.494	5.088
Idaho	3.976	4.196	4.312	4.788
Illinois	4.103	4.414	4.551	4.786
Indiana	3.958	4.258	4.378	4.776
Iowa	3.859	4.063	4.258	4.643
Kansas	3.857	3.960	4.114	4.666
Kentucky	3.908	4.191	4.381	4.629
Louisiana	3.872	4.128	4.320	4.651
Maine	3.997	4.312	4.433	4.830
Maryland	3.965	4.216	4.322	4.793
Massachusetts	3.990	4.290	4.453	4.877
Michigan	4.016	4.253	4.424	4.800
Minnesota	3.842	3.996	4.100	4.637
Mississippi	3.828	4.037	4.219	4.617
Missouri	3.788	3.942	4.173	4.576
Montana	3.933	4.101	4.299	4.626
Nebraska	3.923	4.010	4.122	4.641
Nevada	4.092	4.313	4.470	4.839
New Hampshire	3.934	4.261	4.413	4.772
New Jersey	3.879	4.160	4.317	4.756
New Mexico	3.901	4.155	4.334	4.734
New York	4.183	4.475	4.570	5.091

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, 2008-- Con.

State	Regular	Mid	Premium	Diesel
North Carolina	3.920	4.160	4.343	4.699
North Dakota	3.935	4.071	4.217	4.633
Ohio	3.925	4.185	4.353	4.708
Oklahoma	3.805	3.934	4.153	4.540
Oregon	4.156	4.385	4.451	4.789
Pennsylvania	3.980	4.196	4.381	4.915
Rhode Island	4.035	4.293	4.435	4.922
South Carolina	3.787	4.027	4.222	4.604
South Dakota	3.936	4.188	4.360	4.648
Tennessee	3.830	4.054	4.248	4.624
Texas	3.852	4.075	4.222	4.664
Utah	3.961	4.178	4.360	4.786
Vermont	3.965	4.266	4.451	4.902
Virginia	3.892	4.083	4.240	4.684
Washington	4.205	4.356	4.573	4.900
West Virginia	4.046	4.230	4.442	4.833
Wisconsin	3.970	4.122	4.312	4.725
Wyoming	3.854	4.018	4.280	4.636

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, 2008.

Table 14.14-- CENTRAL BUSINESS DISTRICT PARKING RATES FOR HONOLULU AND THE UNITED STATES AVERAGE: 2008

[Conducted in June 2008 the survey covered roofed and underground garages in prime central business districts (CBD) in 64 markets in North America, with 53 of them in the U.S. 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. All relevant taxes are included]

Market	Segment	Honolulu	United States average	Honolulu as percent of United States average
Monthly unreserved	Parking rate – high	310.00	201.10	154.2
Monthly unreserved	Parking rate – low	135.00	102.63	131.5
Monthly unreserved	Parking rate – median	216.00	153.79	140.5
Monthly reserved	Parking rate – high	425.00	249.72	170.2
Monthly reserved	Parking rate – low	220.00	134.17	164.0
Monthly reserved	Parking rate – median	310.00	185.78	166.9
Daily parking	Rate – high	64.00	22.35	286.4
Daily parking	Rate – low	21.00	9.40	223.4
Daily parking	Rate – median	44.00	15.42	285.3
Early Bird parking 1/	Rate – high	15.00	13.14	114.2
Early Bird parking 1/	Rate – low	6.00	7.06	85.0
Early Bird parking 1/	Rate – median	9.00	10.05	89.6
Hourly parking	Rate – high	7.00	11.86	59.0
Hourly parking	Rate – low	1.50	4.50	33.3
Hourly parking	Rate – median	3.75	7.85	47.8
Hourly metered parking	Rate – high	1.25	1.88	66.5
Hourly metered parking	Rate – low	0.75	1.05	71.4
Hourly metered parking	Rate – median	1.00	1.48	67.6
Garages offering additional services (percent)		5	19.3	25.9
Garages with waiting lists (percent)		25	20.9	119.6
Typical wait period (number of months)		(NA)	4.30	(NA)
Availability of parking		2/ Limited	(X)	(X)
Additional garages within next 24 months		No	(X)	(X)

NA Not available.

X Not applicable.

1/ Refers to discounted parking offered to those that park before the work day begins.

2/ Refers to parking garages that are usually full Monday to Friday and weekends during special events.

Source: Colliers International North America "Highlights CBD Parking Rate Survey 2008"

<<http://www.colliers.com/Corporate/MarketReports/UnitedStates/>> accessed July 11, 2008 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: 2004 TO 2006**

[The survey, conducted in March, covers 144 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. Shown with lowest rank in 2006 at top 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		
	2004	2005	2006	2004	2005	2006
New York City, NY	100.0	100.0	100.0	12	13	10
Los Angeles, CA	86.6	86.7	86.7	27	44	29
White Plains, NY	82.7	86.6	83.2	52	45	34
San Francisco, CA	84.3	84.9	85.0	38	50	34
Chicago, IL	84.5	84.6	84.1	35	52	38
Miami, FL	82.0	83.3	83.9	55	57	39
Honolulu, HI	81.3	81.4	80.0	57	61	67
Houston, TX	75.8	79.1	78.5	73	70	76
Washington, DC	77.4	77.4	77.0	68	78	83
Boston, MA	76.4	77.0	76.8	70	79	84
Morristown, NJ	76.0	76.9	76.8	72	80	84
Atlanta, GA	72.9	76.1	76.3	85	83	86
Denver, CO	69.3	73.2	73.6	100	94	97
Seattle, WA	71.4	71.4	71.9	90	103	102
St. Louis, MO	71.2	71.6	71.6	92	102	103
Cleveland, OH	69.4	70.3	69.8	98	109	110
Portland, OR	67.7	68.8	69.7	105	112	111
Pittsburgh, PA	66.5	69.2	69.4	112	111	113
Detroit, MI	68.8	71.8	68.3	101	101	122
Winston Salem, NC	66.9	66.6	66.7	107	119	124

Source: William M. Mercer Companies, LLC, Mercer USA Center: Corporate Resource Group, "World-wide cost of living survey – 2004 – city rankings", <<http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1142150>> accessed June 16, 2004; and Mercer Human Resource Consulting, "Worldwide cost of living survey 2005, Overall Cost of Living - Ranking" (June 20, 2005) <<http://www.mercerhr.com/summary.jhtml/dynamic/idContent/1142150>> accessed June 20, 2005 and FinFacts "Global/World Cost of Living Rankings 2005" <<http://www.finfacts.com/costofliving3.htm>> accessed December 12, 2005; 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 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 2008

[No further changes as of June 30, 2008]

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, 2008. Index number continental United States=100]

Effective date	Locality	Locality code 1/	Index
June 16, 2008	Hawaii (Other)	HI 001	128
June 16, 2008	Kauai	HI 003	132
June 16, 2008	Maui	HI 005	140
June 16, 2008	Molokai	HI 007	140
June 16, 2008	Oahu	HI 009	124
November 8, 1989	Other islands	HI 999	(1/)

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", p.7
 <<http://141.116.74.201/appendix-j/2008%20COLA%20Indexes/PDF/>> accessed June 30, 2008.

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

[As of August 1, 2008. 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	47	21	May 1, 2008
EASTPAC Naval COMP TELE Area	283	177	85	47	21	May 1, 2008
Ft. DeRussey	283	177	85	47	21	May 1, 2008
Ft. Shafter	283	177	85	47	21	May 1, 2008
Hickam Air Force Base	283	177	85	47	21	May 1, 2008
Honolulu	283	177	85	47	21	May 1, 2008
Isle of Hawaii: Hilo	216	112	83	46	21	June 1, 2007
Isle of Hawaii: other	284	180	83	46	21	June 1, 2007
Isle of Kauai	307	198	87	48	22	June 1, 2007
Isle of Maui	261	160	81	45	20	May 1, 2008
Isle of Oahu	283	177	85	47	21	May 1, 2008
Kekaha Pacific Missile Range Fac.	307	198	87	48	22	June 1, 2007
Kilauea Military Camp	216	112	83	46	21	June 1, 2007
Lanai	393	269	99	54	25	June 1, 2008
Lualualei Naval Magazine	283	177	85	47	21	May 1, 2008
Marine Corps Base Hawaii	283	177	85	47	21	May 1, 2008
Molokai	233	139	75	42	19	June 1, 2008
NAS Barbers Point	283	177	85	47	21	May 1, 2008
Pearl Harbor	283	177	85	47	21	May 1, 2008
Schofield Barracks	283	177	85	47	21	May 1, 2008
Wheeler Army Airfield	283	177	85	47	21	May 1, 2008
Other 3/	216	112	83	46	21	May 1, 2008

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 30, 2008.