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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 is 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: 2011*, 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 2010

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] BEA shifted the base year from 2000 = 100 for the entire series as shown in the previous *Data Book* to 1997 = 100 for 1963-1997 and 2005 = 100 for 1997 to the most recent year.

		United			United
Year	Hawaii	States	Year	Hawaii	States
SIC 1997 = 100	).000 1/ I		SIC 1997 = 100	).000 1/ I	
1963	(NA)	(NA)	1989	80.307	82.050
1964	(NA)	(NA)	1990	83.046	85.140
1965	(NA)	(NA) (NA)	1991	86.420	88.154
1966	(NA)	(NA)	1992	88.478	90.322
1967	(NA)	(NA)	1993	91.482	92.824
1968	(NA)	(NA)	1994	93.343	94.848
1969	(NA)	(NA)	1995	95.477	96.820
1970	(NA)	(NA)	1996	97.427	98.453
1971	(NA)	(NA)	1997	100.000	100.000
1972	(NA)	(NA)	1007	100.000	100.000
1973	(NA)	(NA)	NAICS 2005 = 1	I IOO OOO 1/	
1974	(NA)	(NA)	1111100 2000		
1975	(NA)	(NA)	1997	78.704	83.989
1976	(NA)	(NA)	1998	80.653	84.927
1977	(NA)	(NA)	1999	82.750	86.249
1978	(NA)	(NA)	2000	84.927	88.070
1979	(NA)	(NA)	2001	87.816	89.914
1980	(NA)	(NA)	2002	90.259	91.454
1981	(NA)	(NA)	2003	93.078	93.732
1982	(NA)	(NA)	2004	96.318	96.530
1983	(NA)	(NA)	2005	100.000	100.000
1984	(NA)	(NA)	2006	103.845	103.219
1985	(NA)	(NA)	2007	107.624	106.282
1986	(NA)	(NA)	2008	109.894	108.934
1987	74.972	76.506	2009	111.648	109.715
1988	77.483	78.970	2010	112.525	111.085

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry for 1963 to 2010 <a href="http://www.bea.gov/regional/index.htm">http://www.bea.gov/regional/index.htm</a> accessed June 7, 2011; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

<sup>1/</sup> 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 2010.

## Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2010

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

	Hon	olulu	United States		
Year	Annual average	Percent change from previous year	Annual average	Percent change from previous year	
1940	14.7	(X)	14.0	0.7	
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	
1973	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	
1313	74.0	11,1	12.0	11.0	

Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2010 -- Con.

	Hone	olulu	United	States
Year	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	97.7 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
2009	230.048	0.5	214.537	-0.4
2010	234.869	2.1	218.056	1.6

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. 1987-20010: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Honolulu and the United States <a href="http://www.bls.gov/cpi/home.htm">http://www.bls.gov/cpi/home.htm</a> accessed February 17, 2011.

# Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2010

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

	All urban consumers (CPI-U)				wage earne	
	Annual	First	Second	Annual	First	Second
Year	average	half	half	average	half	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
2009	230.048	228.070	232.026	228.773	226.462	231.084
2010	234.869	233.822	235.916	234.020	233.089	234.951

Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2010 -- Con.

	All urban consumers (CPI-U)				wage earne	
Year	Annual average	First half	Second half	Annual average	First half	Second half
Percentage change 1/				J		
1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	3.2 2.4 5.0 5.9 5.8 7.3 7.2 4.8 3.2 2.7 2.2 1.5 0.7 -0.2 1.0 1.7 1.2 1.1 2.3 3.3 3.8	3.7 2.4 4.0 6.0 5.2 7.2 8.3 4.8 3.1 3.0 2.1 2.2 0.9 -0.1 0.4 1.9 1.3 1.1 1.7 3.3 3.1	2.9 2.3 6.0 5.9 6.2 7.4 5.9 4.9 3.3 2.5 2.2 0.9 0.5 -0.5 1.6 1.7 1.1 1.0 2.9 3.3	3.5 2.2 5.1 6.0 5.6 7.1 7.2 4.7 3.1 2.5 2.2 1.5 0.7 -0.3 1.0 1.8 1.5 0.8 2.0 3.2 3.7	4.3 2.3 4.0 5.9 5.2 7.0 8.4 4.7 3.1 2.6 2.3 2.2 0.9 -0.1 0.4 1.7 1.5 1.0 1.7 2.9	2.7 2.1 6.2 5.9 6.0 7.3 6.0 4.7 3.1 2.3 2.4 0.9 0.5 -0.6 1.7 1.7 1.5 0.7 2.5 3.3
2005 2006 2007 2008 2009 2010	5.6 5.9 4.8 4.3 0.5 2.1	5.8 5.0 4.9 0.3 2.5	4.5 5.8 4.8 3.6 0.7 1.7	5.7 5.7 4.8 4.5 0.2 2.3	3.1 5.7 4.9 5.1 -0.1 2.9	4.3 5.8 4.7 3.9 0.5 1.7

<sup>1/</sup> 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 <a href="http://www.bls.gov/ro9/9225.pdf">http://www.bls.gov/ro9/9225.pdf</a>> and <a href="http://www.bls.gov/data/">http://www.bls.gov/ro9/9225.pdf</a>> and <a href="http://www.bls.gov/data/">http://www.bls.gov/ro9/9225.pdf</a>> and <a href="http://www.bls.gov/data/">http://www.bls.gov/data/</a>> accessed February 17, 2011.

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2006 TO 2010

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

Group	2006	2007	2008	2009	2010
All items	209.4	219.504	228.861	230.048	234.869
Food and beverages	194.2	204.942	216.625	224.317	224.774
Food	193.9	204.850	216.742	224.544	224.794
Food at home	198.9	211.000	228.319	234.220	232.694
Food away from home	186.0	195.071	202.257	210.826	213.582
Alcoholic beverages	197.7	204.337	213.936	219.970	223.755
Housing	222.5	238.428	248.700	249.735	251.968
Shelter	242.2	260.518	266.411	272.988	272.182
Rent of primary residence	228.9	247.386	256.216	264.375	265.333
Owners' equivalent rent of					
primary residence	1/ 248.3	1/ 267.859	1/ 274.756	1/ 282.507	1/ 282.422
Fuel and utilities	203.3	214.040	283.911	240.284	280.202
Household energy 2/	187.3	192.529	267.903	204.339	240.938
Gas (piped) and electricity	185.2	190.190	264.567	200.994	237.451
Electricity	181.1	185.965	259.990	196.257	232.605
Utility (piped) gas service 3/	217.8	224.454	284.130	241.959	277.267
Household furnishings & operation	162.6	165.368	164.958	164.336	157.188
Apparel	104.4	104.145	105.277	112.811	116.423
Transportation	202.1	205.027	213.998	200.296	214.411
Private transportation	199.8	202.805	209.161	196.370	211.530
Motor fuel	234.0	243.860	284.948	222.322	263.334
Gasoline (all types)	240.4	250.606	292.545	228.060	270.775
Gasoline, unleaded regular 4/	253.5	264.578	310.952	240.837	287.744
Gasoline, unleaded midgrade 4/	5/ 188.4	5/ 195.918	5/ 231.559	5/ 179.009	5/ 212.918
Gasoline, unleaded premium 4/	215.1	223.726	256.120	202.844	237.763
Medical care	(6/)	(6/)	317.955	321.599	320.153
Education and communication	7/ 114.0	7/ 113.967	7/ 117.118	7/ 122.843	7/ 128.483
Recreation	7/ 101.1	7/ 102.572	7/ 105.290	7/ 105.239	7/ 107.484
Other goods and services	332.1	347.499	365.441	395.186	415.526
Commodity and service group					
All items	209.4	219.504	228.861	230.048	234.869
Commodities	169.4	174.478	181.113	181.015	185.266
Commodities less food and					
beverages	150.8	152.794	156.654	152.700	158.705
Nondurables less food and					
beverages	175.7	180.082	191.108	182.226	193.408
Durables	120.2	120.419	118.679	119.048	119.815
Services	244.2	258.946	270.734	273.114	278.394

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2006 TO 2010 -- Con.

Group	2006	2007	2008	2009	2010
Special aggregate indexes: All items less shelter All items less medical care All items less energy Energy All items less food and energy Commodities less food Nondurables less food Nondurables	195.6	201.523	212.804	211.498	218.944
	205.1	214.992	224.234	225.324	230.394
	211.0	221.339	227.534	233.154	235.509
	211.6	219.187	276.864	213.827	252.694
	215.6	225.932	230.999	236.209	239.010
	152.9	155.028	159.042	155.374	161.351
	177.1	181.620	192.548	184.589	195.311
	186.0	193.935	205.297	204.923	210.505
Services less rent of shelter	1/ 246.1	1/ 253.668	1/ 275.405	1/ 271.298	1/ 285.581
Services less medical care services	240.4	254.878	266.102	268.028	273.790

- 1/ Indexes on a December 1982=100 base.
- 2/ Historically and as returned via the online database 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] <a href="http://www.bls.gov/data/home.htm">http://www.bls.gov/data/home.htm</a> and San Francisco Regional Office News Releases - Honolulu, Hawaii <a href="http://www.bls.gov/ro9/ro9/ro9news.htm">http://www.bls.gov/ro9/ro9/ro9news.htm</a> accessed February 17, 2011.

# Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2009 AND 2010

[Percent of all items. Based on the 2007-2008 weights in the Consumer Expenditure Survey]

	2009	CPI-U	2010 CPI-U		
Group	U.S.	Honolulu	U.S.	Honolulu	
Relative importance of area	100.000	0.324	100.000	0.325	
EXPENDITURE CATEGORY					
All items	100.000	100.000	100.000	100.000	
Food and beverages	14.795	17.152	14.792	16.946	
Food	13.738	16.161	13.742	15.932	
Food at home	7.801	8.698	7.816	8.472	
Cereals and bakery products	1.108	(NA)	1.090	(NA)	
Meats, poultry, fish, and eggs	1.745	(NA)	1.813	(NA)	
Meats, poultry, and fish	1.650	(NA)	1.714	(NA)	
Dairy and related products	0.820	(NA)	0.839	(NA)	
Fruits and vegetables	1.153	(NA)	1.152	(NA)	
Other food at home	2.023	(NA)	1.996	(NA)	
Food away from home	5.937	7.464	5.926	7.460	
Alcoholic beverages	1.056	0.991	1.051	1.014	
Housing	41.960	43.973	41.460	43.660	
Shelter	32.289	36.497	31.955	36.073	
Rent of primary residence	5.966	8.793	5.925	8.701	
Tenants' and household insurance	0.347	(NA)	0.349	(NA)	
Owners' equivalent rent of residences	25.206	26.631	24.905	26.421	
Owners' equivalent rent of primary residence	23.593	26.015	23.310	25.810	
Lodging away from home	0.769	(NA)	0.776	(NA)	
Fuels and utilities	5.081	4.289	5.096	4.618	
Household energy	4.028	3.004	4.000	3.211	
Fuel oil and other fuels	0.276	(NA)	0.309	(NA)	
Fuel oil	0.179	(NA)	0.205	(NA)	
Propane, kerosene, and firewood	0.097	(NA)	0.104	(NA)	
Energy services	3.752	2.978	3.691	3.182	
Electricity	2.845	2.762	2.823	2.973	
Utility (piped) gas service	0.907	0.216	0.869	0.209	
Water and sewer and trash collection serv.	1.052	(NA)	1.095	(NA)	
Household furnishings and operations	4.590	3.188	4.409	2.968	
Apparel	3.695	2.897	3.601	3.031	
Men's and boys' apparel	0.903	(NA)	0.882	(NA)	
Women's and girls' apparel	1.580	(NA)	1.520	(NA)	
Footwear	0.721	(NA)	0.700	(NA)	
Infants' and toddlers' apparel	0.196	(NA)	0.192	(NA)	
Jewelry and watches	0.295	(NA)	0.307	(NA)	

Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2009 AND 2010 -- Con.

	2009	CPI-U	2010 CPI-U	
Group	U.S.	Honolulu	U.S.	Honolulu
EXPENDITURE CATEGORY Con.				
Transportation Private transportation Motor fuel Gasoline (all types) Public transportation	16.685 15.497 4.525 4.337 1.187	14.698 12.584 4.022 3.922 (NA)	17.308 16.082 5.079 4.865 1.227	14.697 12.626 4.169 4.067 (NA)
Medical care Medical care commodities Medical care services	6.513 1.611 4.902	6.265 (NA) (NA)	6.627 1.633 4.994	6.112 (NA) (NA)
Recreation Education and communication Other goods and services Personal care	6.437 6.434 3.483 2.612	5.717 6.247 3.055 (NA)	6.293 6.421 3.497 2.591	5.875 6.456 3.224 (NA)
COMMODITY AND SERVICE GROUP 2/				
All items	100.000	100.000	100.000	100.000
Commodities Commodities less food and beverages Nondurables less food and beverages Durables Services	39.816 25.021 15.044 9.978 60.184	37.650 20.504 12.355 8.152 62.351	40.012 25.219 15.474 9.745 59.988	37.395 20.449 12.645 7.804 62.605
SPECIAL AGGREGATE INDEXES 2/				
All items less shelter All items less medical care All items less energy All items less food and energy Energy Commodities less food Nondurables less food Nondurables Services less rent of shelter Rent of shelter Services less medical care services	67.711 93.487 91.447 77.708 8.553 26.078 16.100 29.838 28.243 31.942 55.282	63.502 93.735 92.974 76.817 7.026 21.495 13.346 29.506 26.143 (NA) 57.340	68.045 93.373 90.921 77.179 9.079 26.270 16.525 30.266 28.382 31.607 54.994	63.927 93.888 92.621 76.689 7.379 21.463 13.659 29.591 26.818 (NA) 57.756

NA Not available.

<sup>1/</sup> Until December, 2010, called "Gas (piped) and electricity".

<sup>2/</sup> 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 <a href="http://www.bls.gov/cpi/home.htm">http://www.bls.gov/cpi/home.htm</a> accessed February 17, 2011.

## 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 <a href="http://www.census.gov/prod/cen2000/doc/sf3.pdf">http://www.census.gov/prod/cen2000/doc/sf3.pdf</a>. Rank of 1 indicates highest amount. Areas in order of highest rank in 2000]

		Median gross rent					
		1990			2000		
	Amount	Percentage of income		Amount in	Percentage of income i		
Area	dollars 1/	Number	Rank	dollars	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	

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.

		Median gross rent						
		1990		2000				
	Amount	income in		Amount	Percentage of household income in 1999			
Area	in dollars 1/	Number	Rank	in dollars	Number	Rank		
Mandand	700	25.4	29	689	24.7	30		
Maryland	632	25.4 25.8	29 25	650	24.7	31		
Virginia Michigan	540	25.8 27.2	25 7	546	24.5	31		
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.

Source: U.S. Census Bureau, 1990 Census and Census 2000 Summary File 3, Housing Costs of Renters:

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

<sup>2000;</sup> Census 2000 Brief, Issued May 2003 - C2KBR-21, Table 2

<sup>&</sup>lt;a href="http://www.census.gov/prod/2003pubs/c2kbr-21.pdf">http://www.census.gov/prod/2003pubs/c2kbr-21.pdf</a> accessed Sptember 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	207	0.47
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/)

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

<sup>2/</sup> 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 <a href="http://www.census.gov/prod/2003pubs/c2kbr-27.pdf">http://www.census.gov/prod/2003pubs/c2kbr-27.pdf</a> 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 <a href="http://www.census.gov/prod/cen2000/doc/sf3.pdf">http://www.census.gov/prod/cen2000/doc/sf3.pdf</a>]

	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income				
	With a n	nortgage	Without a	mortgage	With a mortgage		Without a	Without a mortgage	
Area	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/)	

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.

	Median selected monthly owner costs			Median selected monthly owner costs as a percentage of household income					
	With a m	nortgage	Without a	mortgage	With a m	nortgage	Without a	Without a mortgage	
Area	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	

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

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

<sup>2/</sup> Represents less than 10 percent.

# Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2010

[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. See also <a href="http://www.fhfa.gov/Default.aspx?Page=196">http://www.fhfa.gov/Webfiles/896/hpi\_tech.pdf</a>]

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
Jiale	(percent)	IXAIIK I/	(percent)	quarter (percent)
United States 2/	-3.95	(X)	-11.45	88.37
		, ,		
North Dakota	5.09	1	18.47	128.07
Alaska	2.58	2	7.30	123.02
District of Columbia	1.39	3	3.72	235.63
West Virginia	0.03	4	5.62	87.89
Massachusetts	-0.10	5	-12.28	122.79
Kentucky	-0.22	6	3.43	90.27
Delaware	-0.74	7	-6.67	94.57
Maine	-0.98	8	-4.81	111.31
New Jersey	-1.00	9	-11.23	124.76
Colorado	-1.03	10	-1.08	167.42
New York	-1.06	11	-2.32	109.60
Oklahoma	-1.09	12	9.87	94.81
Indiana	-1.13	13	-3.50	59.80
Iowa	-1.17	14	2.51	95.90
Maryland	-1.24	15	-15.69	113.29
Vermont	-1.28	16	-0.20	105.58
Louisiana	-1.58	17	7.54	127.90
Kansas	-1.71	18	3.47	93.81
Texas	-1.83	19	9.19	87.95
Illinois	-1.83	20	-9.82	83.82
South Dakota	-1.98	21	5.89	121.87
Rhode Island	-2.23	22	-18.14	92.30
Wisconsin	-2.35	23	-5.47	111.62
Pennsylvania	-2.43	24	-0.19	89.97
Michigan	-2.50	25	-27.01	47.86
New Hampshire	-2.82	26	-15.23	102.83
Connecticut	-3.26	27	-11.77	71.52
Minnesota	-3.28	28	-15.40	114.63
North Carolina	-3.36	29	2.27	86.45
Wyoming	-3.52	30	7.58	177.76
Tennessee	-3.54	31	-0.60	84.32

Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2010-- Con.

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
Mississippi	-3.69	32	-2.50	73.20
Ohio	-3.73	33	-11.36	55.17
Nebraska	-4.18	34	-2.49	89.25
New Mexico	-4.56	35	-0.05	114.47
California	-4.73	36	-42.25	60.59
Hawaii	-5.41	37	-15.53	72.59
Virginia	-5.60	38	-9.97	109.63
Montana	-5.71	39	4.24	188.68
Missouri	-5.75	40	-7.54	82.80
Florida	-5.79	41	-39.71	78.48
South Carolina	-6.12	42	-1.94	81.28
Utah	-6.54	43	-2.26	150.17
Nevada	-6.56	44	-52.80	27.43
Washington	-6.77	45	-6.83	125.92
Arkansas	-7.93	46	-5.58	74.74
Oregon	-10.02	47	-14.01	155.16
Alabama	-10.02	48	-2.30	77.89
Georgia	-11.94	49	-19.37	53.58
Arizona	-13.38	50	-42.51	72.47
Idaho	-15.82	51	-16.47	90.69

X Not applicable.

Source: Federal Housing Finance Agency (FHFA) "House Price Index Falls 0.8 Percent in Fourth Quarter 2010; House Prices Decline in Most States", pp. 15-16 (February 24, 2011)

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

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

<sup>&</sup>lt;a href="http://www.fhfa.gov/webfiles/19816/4q2010HPI.pdf">http://www.fhfa.gov/webfiles/19816/4q2010HPI.pdf</a> accessed February 24, 2011.

## 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. The next report is scheduled for 2011]

	ī	ī		ı
Cotomony	Income	Income level 2 2/	Income level 3 3/	Income level 4 4/
Category	level 1 1/	ievei z zi	ievei 3 3/	ievei 4 4/
Honolulu total	22.500	40.000	70.470	440.004
	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
Missonanesas			2,7 0 1	0,7.7.0
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	114.0	100.0	100.0	100.0
Miscellaticous	_	100.0	100.0	100.0

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

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

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

<sup>3/</sup> 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).

<sup>4/</sup> 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.

## 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. The next report is scheduled for 2011]

			Income level 3 3/		
Location	Income level 1 1/	Income level 2 2/	Dollars	Rank	Income level 4 4/
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

<sup>(</sup>X) Not applicable.

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

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

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

<sup>3/</sup> 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).

<sup>4/</sup> 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.

### Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2010

[The home market values shown in the table below are from the Coldwell Banker Home Listing Report (HLR). The HLR provides the average home listing price of more than 18,000 four-bedroom, two-bathroom properties on coldwellbanker.com that were listed between February and August 2010 from nearly 300 select U.S. markets where Coldwell Banker Real Estate has a presence. Markets included in this report were required to have at least six properties fitting the above criteria within the relevant timeframe]

		Average		Average
State	Most expensive	listing price	Most affordable	listing price
Alabama	Huntsville	221,687	Mobile	199,596
Alaska	Anchorage	326,399	Fairbanks	262,752
Arizona	Scottsdale	493,316	Mesa	199,219
Arkansas	Fort Smith	238,540	Little Rock	208,438
California	Newport Beach	1,826,348	Lancaster	141,116
Colorado	Boulder	788,404	Colorado Springs	227,131
Connecticut	Greenwich	1,195,614	West Hartford	379,968
Delaware	Wilmington	273,271	(1/)	(1/)
District of Columbia	District of Columbia	539,037	(1/)	(1/)
Florida	Key West	643,333	Jacksonville	185,415
Georgia	Atlanta	288,032	Macon	160,387
Hawaii	Honolulu	1,026,821	(1/)	(1/)
Idaho	Coeur d'Alene	239,540	Boise	194,903
Illinois	Deerfield	552,918	Rockford	174,566
Indiana	Munster	285,944	Muncie	100,314
Iowa	Iowa City	247,076	Sioux City	85,967
Kansas	Overland Park	230,988	Topeka	116,343
Kentucky	Lexington	231,547	Louisville	199,200
Louisiana	Baton Rouge	246,106	New Orleans	166,009
Maine	Portland	406,346	Lewiston	134,908
Maryland	Bethesda	806,817	Hagerstown	256,344
Massachusettes	Wellesley	1,080,458	Springfield	142,048
Michigan	Indian River	361,738	Detroit	68,007
Minnesota	Edina	403,473	Rochester	172,004
Mississippi	Gulfport	223,525	Jackson	149,288
Missouri	St. Louis	223,819	Kansas City	112,449
Montana	Bozeman	356,066	Great Falls	179,737
Nebraska	Kearney	143,266	Norfolk	107,814
Nevada	Reno	219,677	Las Vegas	167,133
New Hampshire	Hanover	908,862	Nashua	297,933
New Jersey	Basking Ridge	820,207	Toms River	374,883
New Mexico	Santa Fe	410,707	Albuquerque	355,169
New York	Rye	1,325,500	Binghamton	190,533
North Carolina	Raleigh	280,502	Greensboro	204,383

Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2010 -- Con.

State	Most expensive	Average listing price	Most affordable	Average listing price
N. d. B. L.		040.040	0 15 1	407.044
North Dakota	Minot	216,248	Grand Forks	197,644
Ohio	Cincinnati	217,709	Cleveland	87,240
Oklahoma	Oklahoma City	171,095	Tulsa	141,143
Oregon	Portland	417,395	Medford	286,971
Pennsylvania	Doylestown	513,663	Erie	179,759
Rhode Island	Providence	144,900	(1/)	(1/)
South Carolina	Charleston	307,817	Columbia	230,229
South Dakota	(2/)	(2/)	(2/)	(2/)
Tennessee	Nashville	213,190	Memphis	126,617
Texas	Austin	297,890	Arlington	155,286
Utah	Salt Lake City	401,354	Provo	193,325
Vermont	Burlington	332,570	Rutland	176,100
Virginia	Alexandria	703,513	Lynchburg	165,100
Washington	Bellevue	702,048	Spokane	193,444
West Virginia	Beckley	238,344	Parkersburg	164,261
Wisconsin	Madison	299,675	Fond du Lac	119,838
Wyoming	(2/)	(2/)	(2/)	(2/)

<sup>1/</sup> Only one market included in the study.

Source: Coldwell Banker, "Coldwell Banker Real Estate Issues Home Listing Report of Most Expensive and Affordable U.S. Housing Markets - Newport Beach, Calif., Tops Most Expensive Housing Market List; Detroit is Most Affordable Market" (September 22, 2010) <a href="http://hlr.coldwellbanker.com/PressRelease.aspx">http://hlr.coldwellbanker.com/PressRelease.aspx</a> accessed September 27, 2010.

<sup>2/</sup> No cities listed.

## Table 14.13-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2011

[The home market values shown in the table below are based on the average home listing price of four-bedroom, two-bathroom properties on coldwellbanker.com listed between September 2010 and March 2011 from more than 2,300 North American markets. The U.S. average for the surveyed listings was approximately \$293,000. Markets included in the U.S. report were required to have at least 10 properties fitting the above criteria within the relevant timeframe]

		Average		Average
State	Most expensive	sales price	Most affordable	sales price
Alabama	Fairhope	272,966	Albertville	114,900
Alaska	Anchorage	321,973	North Pole	262,455
Arizona	Scottsdale	455,964	Coolidge	69,083
Arkansas	Maumelle	255,868	Clarksville	135,233
California	Newport Beach.	2,537,126	Rosamond	108,263
Colorado	Evergreen	922,183	Pueblo	141,160
Connecticut	Greenwich	1,154,293	New Britain	165,310
Delaware	Bethany Beach	865,765	Laurel	204,420
District of Columbia	District of Columbia	630,645	(1/)	(1/)
Florida	Palmetto Bay	449,353	Hastings	74,910
Georgia	Dunwoody	379,866	Riverdale	61,618
Hawaii	Honolulu	797,675	Waianae	319,633
Idaho	Bonners Ferry	331,025	Caldwell	129,411
Illinois	Lake Forest	753,543	Kankakee	82,621
Indiana	Syracuse	502,791	New Castle	96,736
Iowa	Iowa City	247,364	Sioux City	80,152
Kansas	Overland Park	223,287	Parsons	111,075
Kentucky	La Grange	269,398	Somerset	151,015
Louisiana	Pineville	376,242	Bastrop	132,636
Maine	Hermon	297,252	Waterville	144,538
Maryland	Annapolis	688,232	Cumberland	160,497
Massachusetts	Weston	1,228,100	Springfield	133,404
Michigan	Birmingham	418,473	Detroit	73,363
Minnesota	Red Wing	348,493	Owatonna	146,652
Mississippi	Diamondhead	248,110	Jackson	117,330
Missouri	University City	417,725	Kirksville	125,010
Montana	Bozeman	486,538	Billings	180,161
Nebraska	Kearney	163,300	North Platte	140,440
Nevada	Incline Village	716,608	Sun Valley	115,767
New Hampshire	Hanover	669,742	Claremont	234,318
New Jersey	Stone Harbor	1,344,908	Newark	170,427
New Mexico	Corrales	649,861	Aztec	178,850
New York	Ossining	919,986	Niagara Falls	60,820
North Carolina	Ocean Isle Beach	679,375	Henderson	121,117

Table 14.13-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2011 -- Con.

		Average		Average
State	Most expensive	sales price	Most affordable	sales price
North Dakota	Minot	192,287	Fargo	167,506
Ohio	Upper Arlington	390,236	Cleveland	76,042
Oklahoma	Skiatook	241,138	Chickasha	134,714
Oregon	Lake Oswego	524,100	Woodburn	198,812
Pennsylvania	Newtown	623,078	Penn Hills	99,776
Rhode Island	East Greenwich	550,600	Providence	204,820
South Carolina	North Myrtle Beach	399,094	Darlington	95,120
South Dakota	Custer	228,091	Box Elder	179,472
Tennessee	Brentwood	379,208	Chattanooga	121,969
Texas	Colleyville	350,710	Lancaster	100,246
Utah	Salt Lake City	397,630	Logan	149,532
Vermont	Burlington	444,428	Rutland	184,689
Virginia	Alexandria	635,365	Lynchburg	171,243
Washington	Mercer Island	1,143,521	Spokane	189,551
West Virginia	Martinsburg	266,138	Bluefield	131,160
Wisconsin	Shorewood	436,321	Berlin	85,391
Wyoming	Sheridan	293,193	Rock Springs	183,867

<sup>1/</sup> Only one market included in the study.

Source: Coldwell Banker, "Coldwell Banker Real Estate Issues Home Listing Report Ranking More Than 2,300 Of North America's Most Expensive And Most Affordable Housing Markets" (June 15, 2011) <a href="http://hlr.coldwellbanker.com/PressRelease.aspx">http://hlr.coldwellbanker.com/PressRelease.aspx</a> accessed June 15, 2011.

## Table 14.14-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2011

[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]

ltem	Regular	Mid	Premium	Diesel
Hawaii	4.041	4.118	4.204	4.743
Hawaii rank	6	8	8	1
U. S. average	3.771	3.916	4.043	3.998
Hawaii as percent of U.S. average	107.2	105.2	104.0	118.6
,				
Alabama	3.541	3.677	3.811	3.867
Alaska	4.251	4.350	4.465	4.542
Arizona	3.631	3.738	3.849	4.010
Arkansas	3.565	3.690	3.829	3.883
California	3.992	4.093	4.193	4.362
Colorado	3.702	3.804	3.908	4.002
Connecticut	4.061	4.222	4.347	4.218
Delaware	3.713	3.884	4.028	3.989
District of Columbia	4.027	4.210	4.325	4.133
Florida	3.679	3.845	3.962	3.935
Georgia	3.615	3.782	3.933	3.906
Hawaii	4.041	4.118	4.204	4.743
Idaho	3.725	3.809	3.916	4.137
Illinois	4.146	4.281	4.429	4.067
Indiana	4.044	4.156	4.259	4.041
Iowa	3.734	3.648	3.881	3.896
Kansas	3.693	3.777	3.887	3.902
Kentucky	3.755	3.881	3.983	3.912
Louisiana	3.598	3.734	3.850	3.831
Maine	3.788	3.907	4.022	4.079
Maryland	3.769	3.924	4.049	3.993
Massachusetts	3.817	3.966	4.077	4.029
Michigan	4.116	4.214	4.316	4.085
Minnesota	3.720	3.792	3.928	3.973
Mississippi	3.518	3.625	3.751	3.806
Missouri	3.575	3.694	3.830	3.789
Montana	3.782	3.847	3.960	4.033
Nebraska	3.840	3.748	3.980	3.926
Nevada	3.767	3.873	3.978	4.070
New Hampshire	3.795	3.923	4.035	3.983
New Jersey	3.731	3.873	3.997	3.912
New Mexico	3.658	3.761	3.862	4.010
New York	3.992	4.136	4.250	4.305

Table 14.14-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2011-- Con.

State	Regular	Regular Mid		Diesel	
	2.24=	0.770	0.000	2.224	
North Carolina	3.647	3.772	3.899	3.921	
North Dakota	3.833	3.821	4.001	4.042	
Ohio	3.881	3.986	4.089	4.019	
Oklahoma	3.635	3.713	3.822	3.787	
Oregon	3.862	3.972	4.079	4.249	
Pennsylvania	3.765	3.878	4.029	4.088	
Rhode Island	3.880	4.049	4.148	4.051	
South Carolina	3.473	3.593	3.730	3.799	
South Dakota	3.795	3.730	3.934	3.953	
Tennessee	3.522	3.649	3.772	3.842	
Texas	3.597	3.740	3.865	3.828	
Utah	3.654	3.762	3.849	4.033	
Vermont	3.865	3.996	4.089	4.134	
Virginia	3.639	3.820	3.943	3.897	
Washington	3.910	4.033	4.141	4.315	
West Virginia	3.824	3.925	4.032	4.047	
Wisconsin	3.928	4.042	4.174	4.014	
Wyoming	3.669	3.743	3.848	4.025	

Source: AAA's Daily Fuel Gauge Report© Copyright, Oil Price Information Service, National Unleaded Average <a href="http://www.fuelgaugereport.com/index.asp">http://www.fuelgaugereport.com/index.asp</a> and Current State Averages <a href="http://www.fuelgaugereport.com/sbsavg.html">http://www.fuelgaugereport.com/sbsavg.html</a> accessed June 7, 2011.

### Table 14.15-- CENTRAL BUSINESS DISTRICT PARKING RATES FOR HONOLULU AND THE UNITED STATES AVERAGE: 2011

[Survey only includes covered and underground garages in prime central business districts (CBD) in 61 markets in North America, with 49 of them in the U.S. Parking rate data were collected during the month of June 2011 and includes all relevant taxes. Sources include third parties, owners/operators and Colliers International. 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]

Category 1/	Segment	Honolulu	United States average	Honolulu as percent of United States average	
		1101101010	<u> </u>	ge	
Monthly unreserved	Parking rate – high	253.40	222.51	113.9	
Monthly unreserved	Parking rate – low	172.77	102.69	168.2	
Monthly unreserved	Parking rate – median	217.28	155.22	140.0	
,					
Monthly reserved	Parking rate – high	425.00	264.10	160.9	
Monthly reserved	Parking rate – low	260.00	134.76	192.9	
Monthly reserved	Parking rate – median	345.28	187.08	184.6	
•					
Daily parking	Rate – high	75.00	24.25	309.3	
Daily parking	Rate – low	21.00	9.12	230.3	
Daily parking	Rate – median	38.00	16.12	235.7	
Hourly parking	Rate – high	10.00	8.99	111.2	
Hourly parking	Rate – low	2.25	2.63	85.6	
Hourly parking	Rate – median	6.00	5.32	112.8	
		-	40.0	05.4	
Garages offering addition	***	5	19.9	25.1	
Garages with waiting lists (percent)		10	12.7	78.7	
Typical wait period (numb	-	5.5	(X)		
Availability of parking		2/ Limited	(X)	(X)	
	Additional garages within next 24 months		(X)	(X)	
Parking spots to be adde	d I	-	(X)	(X)	

X Not applicable.

<sup>1/ &#</sup>x27;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 2009 to 2011.

 $<sup>2\!/\!</sup>$  Refers to parking garages usually full Monday to Friday and on weekends during special events.

Source: Colliers International North America, "2011 CBD Parking rates, North America, Central Business District, Parking Rate Survey", <a href="http://www.colliers.com/Country/UnitedStates/Research">http://www.colliers.com/Country/UnitedStates/Research</a> accessed July 7, 2011 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

### Table 14.16-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES IN THE UNITED STATES AND RANK WORLDWIDE: 2006 TO 2011

[The survey, conducted in March, covers 214 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 nor the 2010 study released June 29, 2010 and the complete list is not readily available]

			Index	Index Global rank						
City and state	2006	2008	2009	2010	2011	2006	2008	2009	2010	2011
Atlanta, GA	76.3	(NA)	(NA)	(NA)	(NA)	86	(NA)	(NA)	(NA)	(NA)
Boston, MA	76.8	(NA)	(NA)	(NA)	(NA)	84	(NA)	(NA)	(NA)	(NA)
Chicago, IL	84.1	80.3	80.7	(NA)	(NA)	38	84	50	(NA)	(NA)
Cleveland, OH	69.8	(NA)	(NA)	(NA)	(NA)	110	(NA)	(NA)	(NA)	(NA)
Denver, CO	73.6	(NA)	(NA)	(NA)	(NA)	97	(NA)	(NA)	(NA)	(NA)
Detroit, MI	68.3	(NA)	(NA)	(NA)	(NA)	122	(NA)	(NA)	(NA)	(NA)
Honolulu, HI	80.0	81.4	81.6	(NA)	(NA)	67	77	41	(NA)	(NA)
Houston, TX	78.5	(NA)	(NA)	(NA)	(NA)	76	(NA)	(NA)	(NA)	(NA)
Los Angeles, CA	86.7	87.5	87.6	(NA)	(NA)	29	55	23	55	(NA)
Miami, FL	83.9	82.0	81.4	(NA)	(NA)	39	75	45	(NA)	(NA)
Morristown, NJ	76.8	(NA)	(NA)	(NA)	(NA)	84	(NA)	(NA)	(NA)	(NA)
New York City, NY	100.0	100.0	100.0	(NA)	(NA)	10	22	8	27	32
Pittsburgh, PA	69.4	(NA)	(NA)	(NA)	(NA)	113	(NA)	(NA)	(NA)	(NA)
Portland, OR	69.7	(NA)	(NA)	(NA)	(NA)	111	(NA)	(NA)	(NA)	(NA)
San Francisco, CA	85.0	81.0	82.5	(NA)	(NA)	34	78	34	(NA)	(NA)
Seattle, WA	71.9	(NA)	(NA)	(NA)	(NA)	102	(NA)	(NA)	(NA)	(NA)
St. Louis, MO	71.6	(NA)	(NA)	(NA)	(NA)	103	(NA)	(NA)	(NA)	(NA)
Washington, DC	77.0	(NA)	(NA)	(NA)	(NA)	83	(NA)	(NA)	111	(NA)
White Plains, NY	83.2	79.3	84.7	(NA)	(NA)	34	89	31	(NA)	(NA)
Winston Salem, NC	66.7	(NA)	(NA)	(NA)	(NA)	124	(NA)	(NA)	197	(NA)

Source: Mercer Human Resource Consulting, "Worldwide Cost of Living Survey 2006 – city rankings" <a href="http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1142150">http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1142150</a> accessed June 26, 2006; Mercer, "Worldwide Cost of Living survey 2009 – City ranking" (July 7, 2009)

<sup>&</sup>lt;a href="http://www.mercer.com/summary.htm?idContent=1311145">http://www.mercer.com/summary.htm?idContent=1311145</a> accessed July 17, 2009; Ibid. "Worldwide Cost of Living Survey 2010 - City rankings" (June 29, 2010) <a href="http://www.mercer.com/costoflivingpr#City\_rankings">http://www.mercer.com/costoflivingpr#City\_rankings</a> accessed July 18, 2010; Ibid. 2011 (July 12, 2011) <a href="http://www.mercer.com/costoflivingpr#City\_rankings">http://www.mercer.com/costoflivingpr#City\_rankings</a> accessed July 12, 2011; and FinFacts "Global/World Cost of Living Rankings - 2006-2007" <a href="http://www.finfacts.com/costofliving3.htm">http://www.finfacts.com/costofliving3.htm</a> accessed July 14, 2006.

## Table 14.17-- COST OF LIVING FOR THE MOST EXPENSIVE METROPOLITAN AREA IN EACH OF THE 10 MOST EXPENSIVE STATES: 2011

[The CNBC survey includes the average cost of a single-family home, the best-selling cholesterol drug Lipitor, a movie theatre-ticket, a doctor's visit and a gallon of gasoline using data from the ACCRA Cost of Living Index. However, the items and prices in the CNBC 'basket' are not the same as those in the ACCRA index. ACCRA's numbers reflect the average prices from through Q1 2011. Rank of 1 indicates most expensive state]

Rank	State	Metropolitan area	House	Movie ticket	Lipitor	Doctor visit	Gaso- line
1 2 3 4 5 6 7 8	Hawaii Alaska California Connecticut New Jersey New York Maryland Rhode Island Vermont	Honolulu Fairbanks San Francisco Stamford Bergen-Passaic New York (Manhattan) Bethesda-Gaithersburg Providence Burlington-Chittenden	689,781 438,225 808,481 606,742 511,212 1,140,461 535,409 361,195 405,825	10.08 10.69 10.58 10.33 10.58 12.28 10.69 10.75 8.80	160.96 156.99 145.98 154.61 159.67 160.05 158.10 142.00 150.55	130.15 150.05 120.83 102.26 83.52 125.89 87.29 149.00 105.00	3.437 3.478 3.116 3.075 2.758 3.148 2.950 2.903 2.892
10	Massachusetts	Framingham-Natick	529,300	10.51	162.56	112.24	2.807

Source: CNBC "The Most Expensive States To Live In 2011" (posted June 28, 2011) <a href="http://www.cnbc.com/id/43484111?slide=1">http://www.cnbc.com/id/43484111?slide=1</a> accessed July 5, 2011.

# Table 14.18-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2011

[As of June 30, 2011]

Effective or survey date	Allowance category	Honolulu	Hawaii	Maui	Kauai
	ALLOWANCE RATES				
March 25, 1997 December 2, 1997 October 21, 1998 October 3, 2000 November 9, 2001 June 30, 2008 January 1, 2010 January 1, 2011	All employees 1/ All employees 1/ All employees 2/ All employees 3/ All employees 4/ All employees 5/ All employees 6/ All employees 7/	22.50 22.50 25.00 25.00 25.00 25.00 20.94 16.07	15.00 15.00 15.00 16.50 16.50 18.00 14.26 9.76	22.50 22.50 22.50 23.75 23.75 25.00 20.94 16.07	22.50 22.50 22.50 23.25 23.25 25.00 20.94 16.07
1996 Survey 1998 Survey 2007 Survey	INDEXES  Cost of Living Index 8/ Cost Comparison Index 9/ Cost of Living Index 10/	121.95 124.51 121.37	111.89 110.89 111.71	121.36 120.32 123.62	121.36 117.19 118.14
2007 Survey, 2008 adj.	Cost Comparison Index 10/	121.40	111.74	123.65	118.17

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

- 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/ 2010 COLA rates are also shown in the Compensation Policy Memorandum posted at <a href="http://www.chcoc.gov/Transmittals/TransmittalDetails.aspx?TransmittalID=2732">http://www.chcoc.gov/Transmittals/TransmittalDetails.aspx?TransmittalID=2732</a>.
- 7/ 2011 COLA rates are also shown in the Compensation Policy Memorandum posted at <a href="http://www.chcoc.gov/Transmittals/TransmittalDetails.aspx?TransmittalID=3300">http://www.chcoc.gov/Transmittals/TransmittalDetails.aspx?TransmittalID=3300</a>.
- 8/ 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.

<sup>2/</sup> 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 <a href="http://www.opm.gov/oca/cola/html/cola-n.htm">http://www.opm.gov/oca/cola/html/cola-n.htm</a>.

## Table 14.18-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2011-- Con.

- 9/ Similar explanation to footnote 8/ except the survey period was 1998 and publication in in the *Federal Register* was July 17, 2000.
- 10/ Similar explanation to footnote 8/ except the survey period was 2007 and publication in in the *Federal Register* was May 29, 2008.

Source: U.S. Office of Personnel Management, Federal Register Online via GPO Access <a href="http://www.wais.access.gpo.gov">http://www.wais.access.gpo.gov</a>, 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 <a href="http://www.opm.gov/oca/cola/html/c-rates.html">http://www.opm.gov/oca/cola/html/c-rates.html</a> accessed May 15, 2000. OMP-announced Federal COLA Retro Settlement, 06-23-00 and further developments <a href="http://www.opm.gov/oca/compmemo/2000/2000-10.htm">http://www.opm.gov/oca/compmemo/2000/2000-10.htm</a>. OMP, Non-Foreign Area Cost-of-Living Allowances Vol. 65, No. 192, October 3, 2000 (58901-58902) and <a href="http://www.opm.gov/oca/cola/html/c-rates.html">http://www.opm.gov/oca/cola/html/c-rates.html</a> accessed June 30, 2007; and Federal Register, Vol. 73, No. 104, May 29, 2008 (pp. 30727- 30734) <a href="http://edocket.access.gpo.gov/2008/pdf/E8-12020.pdf">http://edocket.access.gpo.gov/2008/pdf/E8-12020.pdf</a> accessed May 29, 2008; and OPM Nonforeign Area Cost-of-Living Allowances <a href="http://www.opm.gov/oca/cola/rates.asp">http://www.opm.gov/oca/cola/rates.asp</a> accessed July 8, 2011.

## Table 14.19-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND

[As of June 30, 2011. Index number continental United States=100]

Effective date	Locality	Locality code 1/	Index
June 1, 2010	Hawaii (island)	HI 001	134
June 1, 2010	Kauai	HI 003	134
June 1, 2010	Maui	HI 005	138
June 1, 2010	Molokai	HI 007	138
June 1, 2010	Oahu	HI 009	130
November 8, 1989	Other islands	HI 999	None

<sup>1/</sup> 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, Defense Travel Management Committee, Overseas
Cost-of-Living Program, "Changes Effective 1 July 2011, Table III - Cost-of-Living Allowance (COLA) Indexes",
p.4 <a href="http://www.defensetravel.dod.mil/Docs/perdiem/browse/Allowances/Appendix\_J\_Overseas\_COLA\_Tables/2011-COLA-Indexes/07-01-11\_COLA%20Indices.pdf">http://www.defensetravel.dod.mil/Docs/perdiem/browse/Allowances/Appendix\_J\_Overseas\_COLA\_Tables/2011-COLA-Indexes/07-01-11\_COLA%20Indices.pdf
accessed June 29, 2011.

#### Table 14.20-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION

[As of July 1, 2011. 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	293	177	93	52	23	July 1, 2011
EASTPAC Naval COMP TELE Area	293	177	93	52	23	July 1, 2011
Ft. DeRussey	293	177	93	52	23	July 1, 2011
Ft. Shafter	293	177	93	52	23	July 1, 2011
Hickam Air Force Base	293	177	93	52	23	July 1, 2011
Honolulu	293	177	93	52	23	July 1, 2011
Isle of Hawaii: Hilo	213	104	87	49	22	July 1, 2011
Isle of Hawaii: other	296	180	93	52	23	July 1, 2011
Isle of Kauai	370	243	102	57	25	July 1, 2011
Isle of Maui	289	169	96	54	24	July 1, 2011
Isle of Oahu	293	177	93	52	23	July 1, 2011
Kekaha Pacific Missile Range Fac.	370	243	102	57	25	July 1, 2011
Kilauea Military Camp	213	104	87	49	22	July 1, 2011
Lanai	394	249	116	64	29	July 1, 2011
Lualualei Naval Magazine	293	177	93	52	23	July 1, 2011
Marine Corps Base Hawaii	293	177	93	52	23	July 1, 2011
Molokai	228	131	78	45	19	July 1, 2011
NAS Barbers Point	293	177	93	52	23	July 1, 2011
Pearl Harbor	293	177	93	52	23	July 1, 2011
Schofield Barracks	293	177	93	52	23	July 1, 2011
Wheeler Army Airfield	293	177	93	52	23	July 1, 2011
Other 3/	213	104	87	49	22	July 1, 2011

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

Source: U.S. Department of Defense, Defense Management Travel Office, Rates and Allowances, Per Diem Rates, Hawaii <a href="http://www.defensetravel.dod.mil/site/perdiemCalc.cfm">http://www.defensetravel.dod.mil/site/perdiemCalc.cfm</a>> accessed July 2, 2011.

 $<sup>2\!/\,</sup>$  The standard onbase incidental rate is \$3.50 OCONUS-wide.

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