

## Section 14

# PRICES

This section presents indexes of consumer prices for Honolulu, average prices for selected foods, and a comparison of Honolulu family budgets with those in other metropolitan areas. Other statistics on prices are reported in Sections 16, 17, 18, 19, 21, and 23.

In June 1985, the Honolulu all-items consumer price index for all urban consumers stood at 293.5, with the 1967 level equal to 100. The index had increased 3.1 percent in the preceding 12 months, 29.0 percent since 1980, and 90.2 percent since 1975. Prices have risen most rapidly since 1967 for medical care (294.5 percent), fuel and other utilities (248.5 percent), and food away from home (up 241.8 percent), and least rapidly for apparel and upkeep (101.4 percent).

An "intermediate" budget for a four-person family living on Oahu was estimated at \$31,893 as of the Autumn of 1981. This family budget was 26 percent higher than the corresponding urban United States average, and was first among the 25 American metropolitan areas surveyed. The "lower" budget was 33 percent above the national figure; the "higher" budget, 32 percent. Oahu-Mainland differentials in the intermediate budget were greatest for rents and personal income taxes and least for food away from home and automobile transportation. An "intermediate" budget for a retired couple in Honolulu came to \$12,157 in the Autumn of 1981, 19 percent above the U.S. urban average.

The Honolulu consumer price index has been compiled by the United States Bureau of Labor Statistics since December 1963. This index measures the average change in prices of goods and services purchased by urban families and single persons living alone. Prices are expressed as a percent of the average levels reported in 1967, the base date. Current data for Honolulu and other cities are published in the Monthly Labor Review and CPI Detailed Report, issued monthly by BLS.

Important changes were made in the consumer price index at the beginning of 1978. The existing index, covering urban wage earner and clerical families and single persons living alone, had been based on spending patterns observed in a 1961 survey and had been issued at three-month intervals. This index was discontinued after June 1978. Beginning in February 1978, two new indexes were published, both based on the findings of a 1972-1973 survey and both issued at two-month intervals. The first of these new indexes covered the same population as the older index, that is, urban wage earner and clerical families and individuals; the second covered all urban consumers. The new indexes were linked to the existing index for December 1977 and, like the latter, expressed as a percent of the 1967 annual average. The index for all urban consumers was further modified in February 1983, when the basis for measuring homeowners' costs was substantially altered.

Comparisons of family budgets between Honolulu and various Mainland communities were published annually by the U.S. Bureau of Labor Statistics from 1966 to 1981, and then discontinued. Cost of living adjustments for Federal employees in Hawaii are based on comparisons with Washington, D.C., prices, compiled by the U.S. Office of Personnel Management at annual intervals through 1983.

In addition to these data, the Bureau of Labor Statistics formerly published monthly and annual data on average Honolulu prices for a variety of foods, and occasional data on a number of non-food items. The city food price series were suspended after June 1978 and since that time only unofficial estimates have been available. Monthly data for Honolulu electric and gas utility rates and gasoline prices are still compiled by BLS and are published in a regular release, Consumer Prices: Energy and Food.

No composite wholesale or producer price index, comparable to the all-items consumer price index, is available for Hawaii. Average wholesale prices of agricultural products are reported in Statistics of Hawaiian Agriculture, issued by the Hawaii Agricultural Reporting Service, and in various other publications of the State Department of Agriculture. Wholesale price statistics of other commodities are usually un available.

Data on prices and living costs for the nation as a whole and other areas are summarized in Statistical Abstract of the United States: 1985, Section 16. Long-term trends for Hawaii are traced in Historical Statistics of Hawaii, Section 5.

Table 387.-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER,  
FOR HONOLULU: 1963 TO 1985

[1967 average = 100]

Type of consumer and year	Annual average	February	April	June	August	October	December
All urban consumers: 1/							
1978 .....	184.1	178.0	181.4	183.9	185.6	188.8	191.3
1979 .....	204.6	196.2	200.7	204.4	207.2	210.5	214.8
1980 .....	228.5	220.9	227.4	227.5	230.1	234.6	236.1
1981 .....	252.4	243.3	250.0	252.8	256.6	259.3	258.3
1982 .....	267.6	262.0	263.3	269.0	269.4	275.2	269.9
1983 .....	273.5	270.4	272.8	271.4	273.5	276.4	278.4
1984 .....	284.8	280.7	283.2	284.7	286.0	287.4	289.8
1985 .....		292.6	292.7	293.5	294.2	295.6	
Urban wage earners and clerical workers:							
1963 .....	...	...	...	...	...	...	92.8
1964 .....	92.9	...	...	92.4	...	...	93.7
1965 .....	94.6	...	...	94.1	...	...	96.2
1966 .....	97.3	...	...	96.8	...	...	98.8
1967 .....	100.0	...	...	99.7	...	...	101.8
1968 .....	103.8	...	...	103.4	...	...	105.7
1969 .....	108.5	...	...	108.2	...	...	111.0
1970 .....	114.2	...	...	114.4	...	...	115.7
1971 .....	118.9	...	...	118.5	...	...	121.1
1972 .....	122.8	...	...	122.2	...	...	124.4
1973 .....	128.3	...	...	127.5	...	...	132.8
1974 .....	141.9	...	...	141.2	...	...	148.5
1975 .....	155.0	...	...	154.3	...	...	159.8
1976 .....	162.8	...	...	162.3	...	...	165.5
1977 .....	171.0	...	...	170.5	...	...	174.9
1978 .....	184.1	177.5	181.3	184.1	186.0	188.7	191.2
1979 .....	204.5	196.0	200.0	203.6	207.2	211.1	215.5
1980 .....	228.7	221.3	228.4	228.0	229.5	233.5	237.0
1981 .....	252.8	243.5	250.2	253.8	256.6	259.1	259.3
1982 .....	268.1	263.0	264.2	268.9	269.5	274.7	271.0
1983 .....	278.8	274.8	276.9	273.4	278.2	285.9	288.2
1984 .....	291.3	284.3	289.0	290.9	293.6	294.5	297.6
1985 .....		300.3	300.1	300.4	301.3	302.7	

1/ Not available before 1978.

Source: U.S. Bureau of Labor Statistics, San Francisco, Consumer Price Index - Pacific Cities and U.S. Average (monthly), as corrected.

Table 388.-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1980 TO 1984

[Unless otherwise specified, 1967=100]

Group	1980	1981	1982	1983	1984
All items .....	228.5	252.4	267.6	273.5	284.8
Food and beverages .....	250.6	275.4	288.3	296.0	308.2
Food .....	259.9	285.8	298.8	306.7	319.7
Food at home .....	264.2	291.7	300.2	305.2	318.6
Cereals and bakery products .....	241.2	276.6	278.9	289.3	300.8
Meats, poultry, fish, and eggs ...	263.6	278.8	283.4	286.6	292.2
Meats, poultry, and fish .....	268.9	283.8	288.2	291.8	295.8
Dairy products .....	248.5	279.2	285.5	287.6	291.6
Fruits and vegetables .....	273.0	311.5	329.3	324.9	359.3
Other foods at home .....	294.8	331.1	344.5	358.4	376.6
Food away from home .....	254.4	277.8	299.7	314.1	327.9
Alcoholic beverages .....	171.4	186.8	200.0	206.0	210.5
Housing .....	216.6	240.3	255.0	257.5	268.2
Shelter .....	220.1	238.4	253.7	257.2	271.2
Renters' costs <u>1/</u> .....	(NA)	(NA)	(NA)	102.7	109.4
Rent, residential .....	206.1	224.8	240.7	253.0	269.0
Other renters' costs .....	250.6	288.2	338.5	382.9	414.4
Homeowners' costs <u>1/</u> .....	(NA)	(NA)	(NA)	100.6	105.9
Owners' equivalent rent <u>1/</u> .....	(NA)	(NA)	(NA)	100.6	105.8
Fuel and other utilities .....	243.1	339.1	352.3	339.9	347.0
Fuels .....	309.2	480.9	500.4	446.0	457.3
Fuel oil, coal, and bottled gas <u>2/</u>	162.8	210.7	239.1	236.9	(NA)
Gas (piped) and electricity .....	308.7	481.4	500.4	445.3	456.5
Household furnishings and operation ..	186.3	197.7	210.4	216.7	219.0
Apparel and upkeep .....	183.9	193.4	201.5	207.7	205.1
Apparel commodities .....	180.2	188.1	195.5	200.9	197.1
Men's and boys' apparel .....	177.8	190.0	197.2	201.1	202.2
Women's and girls' apparel .....	169.2	172.8	183.7	186.9	185.8
Footwear .....	182.0	188.4	187.4	190.9	194.5
Transportation .....	223.6	247.1	255.6	253.7	265.7
Private transportation .....	228.1	252.5	260.1	258.7	272.3
Public transportation .....	204.0	222.6	236.7	231.9	234.2
Medical care .....	258.6	289.4	324.3	357.6	379.7
Entertainment .....	201.5	224.8	246.7	257.6	268.9
Other goods and services .....	219.6	244.2	275.6	303.7	319.1
Personal care .....	228.5	246.5	276.4	284.9	283.5

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Table 388.-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1980 TO 1984 -- Con.

Group	1980	1981	1982	1983	1984
All items .....	228.5	252.4	267.6	273.5	284.8
Commodities .....	225.0	243.7	257.0	263.8	272.2
Food and beverages .....	250.6	275.4	288.3	296.0	308.2
Commodities less food and beverages ..	203.6	218.8	231.8	237.8	243.6
Nondurables less food and beverages	225.2	249.5	263.0	270.8	275.1
Durables .....	179.9	188.7	200.7	205.7	213.7
Services .....	235.7	267.0	284.9	289.5	304.2
Medical care services .....	268.8	301.1	338.7	375.1	398.2
Special indexes:					
All items less shelter .....	228.0	254.6	269.4	276.4	286.5
All items less medical care .....	226.2	249.7	263.9	268.5	279.2
All items less energy <u>3</u> / .....	128.3	139.5	148.7	153.2	159.9
Energy <u>2</u> / .....	156.8	205.5	207.8	192.3	196.5
Commodities less food .....	201.6	216.7	229.6	235.6	241.3
Nondurables less food .....	218.6	242.0	255.3	262.9	267.2
Nondurables .....	240.8	265.6	278.9	286.7	295.3
Services less rent of shelter .....	(NA)	(NA)	(NA)	101.3	105.8
Services less medical care .....	228.1	258.8	274.6	276.3	290.0

NA Not available.

1/ December 1982=100.

2/ June 1978=100.

3/ December 1977=100.

Source: U.S. Bureau of Labor Statistics, CPI Detailed Report, January 1981, 1982, 1983, 1984, and 1985.

Table 389.-- CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1980 TO 1984

[Unless otherwise specified, 1967=100]

Group	1980	1981	1982	1983	1984
All items .....	228.7	252.8	268.1	278.8	291.3
Food and beverages .....	252.1	278.6	292.4	300.3	313.2
Food .....	262.0	289.8	303.7	311.8	325.5
Food at home .....	266.8	295.9	306.6	312.4	326.6
Cereals and bakery products .....	238.1	274.5	273.7	281.7	292.5
Meats, poultry, fish, and eggs ...	268.5	286.5	298.5	302.7	311.6
Meats, poultry, and fish .....	274.1	292.2	304.4	309.1	316.7
Dairy products .....	248.2	279.3	285.6	287.8	291.6
Fruits and vegetables .....	277.1	317.0	330.2	327.5	360.8
Other foods at home .....	297.8	335.2	352.1	366.5	385.3
Food away from home .....	253.7	277.3	298.9	313.5	327.9
Alcoholic beverages .....	166.6	181.8	195.3	201.7	206.4
Housing .....	213.3	236.3	251.9	265.8	278.5
Shelter .....	213.6	230.2	246.8	266.1	282.9
Rent, residential .....	206.1	224.8	240.7	253.0	269.0
Other rental costs .....	253.6	292.4	343.5	391.4	425.4
Homeownership .....	213.5	228.8	244.8	265.4	281.9
Property taxes 1/ .....	(NA)	106.3	114.8	116.1	118.8
Fuel and other utilities .....	243.4	338.9	352.2	340.1	347.0
Fuels .....	309.3	479.2	499.0	445.5	456.4
Fuel oil, coal, and bottled gas 2/	164.5	213.3	241.5	239.3	(NA)
Gas (piped) and electricity .....	308.9	479.4	498.8	444.9	455.7
Household furnishings and operation ..	195.9	206.6	219.6	226.8	228.1
Apparel and upkeep .....	193.5	201.8	208.1	214.6	212.3
Apparel commodities .....	190.5	196.8	201.9	207.5	203.9
Men's and boys' apparel .....	179.4	188.7	198.0	201.4	203.1
Women's and girls' apparel .....	149.5	153.0	159.4	162.1	162.0
Footwear .....	165.1	171.4	172.8	175.8	179.0
Transportation .....	223.6	248.4	255.8	253.3	265.3
Private transportation .....	229.1	255.0	261.7	259.4	272.8
Public transportation .....	204.7	223.3	237.5	232.7	234.9
Medical care .....	261.3	296.0	332.5	365.2	386.3
Entertainment .....	215.7	236.0	257.7	270.0	282.5
Other goods and services .....	214.4	238.8	269.7	299.4	313.8
Personal care .....	214.8	234.8	261.3	269.5	268.5

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Table 389.-- CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1980 TO 1984 -- Con.

Group	1980	1981	1982	1983	1984
All items .....	228.7	252.8	268.1	278.8	291.3
Commodities .....	227.1	246.5	259.5	267.0	276.4
Food and beverages .....	252.1	278.6	292.4	300.3	313.2
Commodities less food and beverages ..	206.1	221.3	233.3	240.3	247.6
Nondurables less food and beverages	232.5	257.4	269.8	277.3	282.3
Durables .....	178.8	186.7	197.9	204.3	212.8
Services .....	232.4	264.0	283.0	299.0	316.3
Medical care services .....	273.3	310.4	350.0	385.9	407.8
Special indexes:					
All items less shelter .....	232.2	259.3	273.7	280.5	290.8
All items less medical care .....	226.2	249.8	264.0	273.8	285.8
All items less energy <u>3</u> / .....	127.9	139.1	148.5	156.0	163.4
Energy <u>2</u> / .....	158.4	204.1	205.5	191.1	195.0
Commodities less food .....	203.7	218.8	230.8	237.8	245.0
Nondurables less food .....	224.7	248.6	260.9	268.3	273.2
Nondurables .....	244.9	270.9	284.1	291.9	301.2
Services less rent .....	239.0	273.6	293.3	310.2	327.8
Services less medical care .....	224.3	254.8	271.5	285.3	301.8

NA Not available.

1/ January 1981=100.

2/ June 1978=100.

3/ December 1977=100.

Source: U.S. Bureau of Labor Statistics, CPI Detailed Report, January 1981, 1982, 1983, 1984, and 1985.

Table 390.-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER  
PRICE INDEX FOR HONOLULU: DECEMBER 1984

[Percent of all items]

Group	CPI-U <u>1/</u>	CPI-W <u>2/</u>
EXPENDITURE CATEGORY		
All items .....	100.000	100.000
Food and beverages .....	21.968	24.792
Food .....	20.804	23.523
Food at home .....	14.166	16.780
Cereals and bakery products .....	1.623	2.025
Meats, poultry, fish, and eggs .....	5.016	6.334
Meats, poultry, and fish .....	4.765	6.059
Dairy products .....	1.397	1.535
Fruits and vegetables .....	2.587	2.648
Other foods at home .....	3.542	4.236
Food away from home .....	6.638	6.743
Alcoholic beverages .....	1.164	1.269
Housing .....	40.607	36.711
Shelter .....	27.640	24.091
Renters' costs .....	8.941	8.035
Rent, residential .....	7.992	7.188
Other renters' costs .....	.949	.848
Homeowners' costs .....	17.895	15.393
Owners' equivalent rent .....	17.642	15.187
Fuel and other utilities .....	5.675	5.494
Fuels .....	4.010	3.901
Fuel oil, coal, and bottled gas .....	.065	.042
Fuel oil .....	.003	.000
Other fuels .....	.061	.040
Gas (piped) and electricity .....	3.945	3.859
Electricity .....	3.521	3.385
Utility (piped) gas .....	.424	.474
Household furnishings and operations .....	7.292	7.126
Apparel and upkeep .....	4.800	4.812
Apparel commodities .....	4.316	4.292
Men's and boys' .....	1.411	1.311
Women's and girls' .....	1.404	1.243
Footwear .....	.615	.562

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Table 390.-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER  
PRICE INDEX FOR HONOLULU: DECEMBER 1984 -- Con.

Group	CPI-U <u>1/</u>	CPI-W <u>2/</u>
EXPENDITURE CATEGORY -- Con.		
Transportation .....	16.340	18.261
Private .....	14.375	16.529
Motor fuel .....	4.591	5.445
Public .....	1.965	1.732
Medical care .....	6.235	6.073
Entertainment .....	4.843	4.429
Other goods and services .....	5.207	4.920
Personal care .....	1.718	1.702
COMMODITY AND SERVICE GROUP		
All items .....	100.000	100.000
Commodities .....	48.380	52.819
Food and beverages .....	21.968	24.792
Commodities less food and beverages .....	26.413	28.027
Nondurables less food and beverages ....	16.976	18.158
Durables .....	9.437	9.869
Services .....	51.620	47.181
Medical care services .....	5.367	5.198
Special indexes:		
All items less shelter .....	72.360	75.909
All items less medical care .....	93.765	93.927
All items less energy .....	91.399	90.654
Energy .....	8.601	9.346
Commodities less food .....	27.576	29.296
Nondurables less food .....	18.140	19.427
Nondurables .....	38.943	42.950
Services less rent of shelter .....	25.075	23.980
Services less medical care .....	46.253	41.982

1/ Consumer price index for all urban consumers.

2/ Consumer price index for urban wage earners and clerical workers.

Source: U.S. Bureau of Labor Statistics, printout.

Table 391.-- RETAIL FOOD PRICES, BY ITEM, FOR HONOLULU AND MAINLAND CITIES: MAY 31, 1984 AND JUNE 20, 1985

[See headnote to following table]

Item	Honolulu price (dollars)		Honolulu as percent of Mainland average <u>1/</u>	
	1984	1985	1984	1985
Milk, homogenized, 1/2 gal. ....	1.49*	1.59	137	142
Eggs, Grade A, large, 1 doz. ....	1.49*	0.99*	186	129
Cheese, sharp, 10 oz. ....	2.83	2.97	133	134
Margarine, 1 lb. ....	0.75	0.74	125	117
Bread, white, 24 oz. loaf ....	0.79	1.39	232	232
Flour, 5 lb. ....	0.89*	1.41	91	137
Cereal, Special K, 12 oz. ....	2.41	2.69	145	145
Sugar, 5 lb. ....	2.18	1.87	131	113
Instant coffee, <u>2/</u> ....	5.25	4.39*	117	114
Beans, dry, 1 lb. ....	0.87	0.77	178	171
Rice, 2 lb. ....	2.35	1.79*	127	98
Mayonnaise, 1 qt. ....	1.69*	2.09	100	115
Peanut butter, 18 oz. jar ....	1.93*	2.15*	127	133
Tuna, 6 1/2 oz. can ....	0.69*	1.09*	88	154
Evaporated milk, <u>3/</u> ....	0.64	0.69	119	125
Cling peach halves, 29 oz. can ....	1.29	1.39	126	121
Pineapple, 20 oz. can ....	0.95	0.95	106	106
Ice cream, 1/2 gal. ....	1.99*	1.79*	131	123
Orange juice concentrate, 6 oz. ....	0.69	0.81	117	133
Broccoli spears, 10 oz. pkg. ....	1.05	1.15	157	169
Rump roast, boneless, 1 lb. ....	2.79*	2.59	126	123
Sirloin steak, bone in, 1 lb. ....	3.19	4.39	107	146
Ground beef, 1 lb. ....	1.39	1.49	109	132
Pork loin chops, 1 lb. ....	2.49	2.89	113	144
Ham, smoked, 1 lb. ....	1.49*	1.59	122	141
Bacon, 1 lb. ....	2.39*	1.79*	119	85
Wieners, all meat, 1 lb. ....	1.29*	1.99	77	121
Chicken, whole, 1 lb. ....	0.79	0.79*	108	125
Potatoes, 5 lb. ....	2.95	1.99	212	149
Carrots, 1 lb. ....	0.69	0.65	209	191
Cabbage, 1 lb. ....	0.29*	0.39	138	163
Lettuce, 1 head <u>4/</u> ....	0.99	0.89	190	162
Bananas, 1 lb. ....	0.69*	0.50*	186	135
Tomatoes, 1 lb. ....	0.69	0.49*	90	88
Oranges, 5 lb. ....	2.45	3.95	100	173
Tax on above items <u>5/</u> ....	2.27	2.36	127	111

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Table 391.-- RETAIL FOOD PRICES, BY ITEM, FOR HONOLULU AND MAINLAND CITIES: MAY 31, 1984 AND JUNE 20, 1985-- Con.

- \* Special sale price.
  - 1/ Mainland averages based on data for 21 Mainland cities surveyed. These averages exclude Anchorage and Honolulu, also surveyed.
  - 2/ 10 oz. jar in 1984; 8 oz. jar in 1985.
  - 3/ 13 fluid oz. can in 1984; 12 or 13 fluid oz. can in 1985.
  - 4/ Lettuce not sold by head in Honolulu; price adjusted from 79 cents lb. in 1984, and 49 cents lb. in 1985.
  - 5/ Mainland average only of cities with food taxes.
- Source: Honolulu Advertiser, June 19, 1984, p. D-1, and July 22, 1985, p. D-1.

Table 392.-- RETAIL FOOD PRICES, FOR HONOLULU AND MAINLAND CITIES: 1979 TO 1985

[June data for a "market basket" of 35 common food items surveyed in Honolulu and other U.S. cities. Data include sales taxes. This survey, organized by the Tampa Tribune, has included Honolulu since 1979]

Date of survey	Honolulu			All cities	
	Amount (dollars)	Rank	Percent of U.S. average <u>1/</u>	Number surveyed	Average amount <u>1/</u> (dollars)
1979: June 14 .....	46.91	2	120.3	22	38.98
1980: June 19 .....	49.60	2	121.0	22	40.98
1981: June 11 .....	57.18	1	131.1	21	43.63
1982: June 3 .....	56.72	1	126.2	21	44.93
1983: June 2 .....	56.33	1	128.0	21	44.01
1984: May 31 .....	59.10	1	127.0	21	46.52
1985: June 20 .....	61.45	1	134.9	21	45.54

1/ Average excludes Honolulu and Anchorage, both included in number surveyed.

Source: Honolulu Advertiser, July 4, 1979, pp. A-1 and A-6; July 9, 1980, pp. A-1 and A-4; July 3, 1981, pp. A-1 and A-3; June 23, 1982, p. B-1; June 24, 1983, p. D-1; June 19, 1984, p. D-1; July 22, 1985, p. D-1.

Table 393.-- RETAIL FOOD PRICES, FOR KAUAI, HONOLULU, AND  
21 MAINLAND CITIES: JUNE 1985

[Totals for a "market basket" of 32 common food items,  
comparable to survey reported in table 392]

Geographic area	Amount (dollars)	Index	
		Honolulu = 100	Mainland = 100
Kauai .....	64.14	110.7	145.4
Honolulu .....	57.95	100.0	131.4
21 Mainland cities .....	44.10	76.1	100.0

Source: Data from Kauai Office of Economic Development,  
reported in Honolulu Advertiser, August 21, 1985, p. A-7.

Table 394.-- COMPARATIVE ANNUAL LIVING COSTS IN HONOLULU AND  
OTHER URBAN AREAS: 1984

[For a four-person higher-income suburban family. Indexes are  
calculated with costs in the median U.S. urban area equal to 100.  
Shown separately for the three costliest urban areas]

Rank	Total budget <u>1/</u>			Goods and services <u>2/</u>	
	Urban area	Cost (dollars)	Index	Urban area	Index
1	San Jose, CA .....	57,975	122.6	Anchorage, AK ....	121.5
2	Honolulu, HI .....	57,944	122.5	Honolulu, HI .....	115.3
3	San Francisco, CA ..	56,981	120.5	Washington, DC ...	109.6

1/ Calculated for 100 U.S. urban areas. Based on a standard of  
living requiring an income of \$46,000 in the median urban area.

2/ Calculated for 60 U.S. urban areas. Based on a standard of  
living requiring an income of \$50,000 in the median urban area.

Source: Runzheimer and Company, Inc., Rochester, Wis., news  
releases dated May 30, 1984 and August 21, 1984.

Table 395.-- ANNUAL BUDGETS FOR THREE LEVELS OF LIVING FOR A FOUR-PERSON FAMILY ON OAHU: AUTUMN 1981

Item	Cost of budget (dollars)			Percent of urban U.S. average		
	Lower budget	Inter- mediate budget	Higher budget	Lower budget	Inter- mediate budget	Higher budget
Total budget <u>1/</u> .....	20,319	31,893	50,317	133	126	132
Total consumption .....	15,240	21,530	29,952	126	118	120
Food .....	6,108	7,626	9,708	134	131	132
At home .....	5,501	6,649	7,972	141	137	138
Away from home .....	607	977	1,736	93	100	110
Housing <u>2/</u> .....	4,022	6,493	10,200	143	117	121
Shelter <u>2/</u> .....	3,171	5,098	7,355	150	117	126
Renter costs <u>2/</u> .....	3,171	3,991	5,836	150	146	136
Homeowner costs <u>2/</u> .....	...	5,467	7,623	...	112	124
Housefurnishings and operations .....	851	1,395	2,499	121	116	110
Transportation <u>2/</u> .....	1,288	2,421	3,220	98	102	105
Automobile owners .....	1,827	2,421	3,220	105	97	105
Clothing .....	1,042	1,432	2,010	111	107	103
Personal care .....	448	590	834	118	116	116
Medical care <u>2/</u> .....	1,583	1,590	1,657	110	110	110
Other family consumption <u>2/</u> ...	749	1,378	2,323	116	115	118
Other items <u>2/</u> .....	716	1,137	1,966	115	111	114
Social security and disability payments .....	1,424	2,049	2,049	137	120	103
Personal income taxes .....	2,939	7,177	16,350	184	162	175

1/ Among the 25 metropolitan areas for which separate indexes were reported, Honolulu ranked first in total budget costs at the higher and intermediate levels and second at the lower level (where Anchorage ranked first). For 1972-1980 estimates, see Data Book 1984, table 406.

2/ For details, see either the Data Book 1984, table 407, footnotes, or the original source.

Source: U.S. Bureau of Labor Statistics, Autumn 1981 Urban Family Budgets and Comparative Indexes for Selected Urban Areas (release USDL: 82-139, April 16, 1982).

Table 396.-- ANNUAL BUDGETS FOR THREE LEVELS OF LIVING FOR A RETIRED COUPLE ON OAHU: AUTUMN 1981

[For a retired husband, age 65 years or over and wife. Excludes personal income taxes]

Item	Cost of budget (dollars)			Percent of U.S urban average		
	Low-er budget	In-terme-diate budget	High-er budget	Low-er budget	In-terme-diate budget	High-er budget
Total budget <u>1/</u> .....	8,665	12,157	17,576	120	119	117
Total family consumption .....	8,292	11,426	16,284	120	119	117
Food .....	3,003	3,890	4,962	138	134	136
At home .....	2,836	3,531	4,245	141	137	139
Away from home .....	167	359	717	95	109	123
Housing <u>2/</u> .....	2,587	3,827	5,985	109	113	113
Shelter <u>2/</u> .....	1,860	2,356	3,423	103	107	110
Renter costs <u>2/</u> .....	2,383	3,293	4,520	147	155	140
Homeowner costs <u>2/</u> .....	1,512	1,851	2,953	79	83	97
Housefurnishings, operations .	727	1,471	2,396	126	123	118
Transportation <u>2/</u> .....	782	1,293	2,001	141	121	102
Clothing .....	260	428	615	107	105	98
Personal care .....	222	323	473	112	111	112
Medical care .....	1,111	1,120	1,129	102	103	103
Other family consumption <u>2/</u> ....	327	545	1,119	119	119	124
Other items <u>2/</u> .....	373	731	1,292	120	119	116

1/ Among the 25 metropolitan areas for which separate indexes were reported, Honolulu ranked second at all three levels (Anchorage ranked first at all three levels).

2/ For details, see either the Data Book 1983, table 345, footnotes, or the original source.

Source: U.S. Department of Labor, Bureau of Labor Statistics, Three Budgets for a Retired Couple, Autumn 1981 (release, USDL: 82-266, July 30, 1982).

Table 397.-- COST OF LIVING INDEXES AND PAY DIFFERENTIALS FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C.: 1983

Allowance category <u>1/</u>	Oahu	Kauai	Maui County	Hawaii
Indexes <u>2/</u>				
Local retail:				
Private housing .....	121.7	114.6	120.9	113.1
Federal housing .....	105.0	106.7	113.4	104.6
Commissary, PX:				
Private housing .....	111.8	113.1	...	...
Federal housing .....	95.1	105.1	...	...
Allowance rates <u>3/</u>				
Local retail:				
Private housing .....	22.5	15.0	20.0	12.5
Federal housing .....	5.0	7.5	12.5	0
Commissary, PX:				
Private housing .....	12.5	12.5	...	...
Federal housing .....	0	5.0	...	...

1/ Based on access to military commissary and exchange facilities and type of housing occupied. "Local retail" refers to Federal employees who purchase goods and services from private retail establishments; "commissary, PX," to Federal employees who have unlimited access to and who use military commissary and exchange facilities. "Private housing" refers to Federal employees who occupy housing units that are privately owned or rented; "Federal housing," to Federal employees who occupy units owned or leased by a Federal agency.

2/ Washington, D.C., living costs=100. Based on a survey of comparative costs for Federal employees in 1983.

3/ Authorized allowance rate, expressed as a percentage differential, effective October 2, 1983.

Source: U.S. Office of Personnel Management, "Nonforeign Area Cost-of-Living Allowances for Guam and the State of Hawaii and Post Differentials for Certain Pacific Islands," Federal Personnel Manual System, FPM Letter 591-47 (1983).