

## Section 13

# 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 August 1983, the Honolulu all-items consumer price index for all urban consumers stood at 278.2, with the 1967 level equal to 100. The index had increased 1.5 percent in the preceding 12 months, 47.4 percent since August 1978, and 111.0 percent since September 1973. Prices have risen most rapidly since 1967 for medical care (265.5 percent) fuel and other utilities (230.1 percent), and food away from home (up 213.1 percent), and least for apparel and upkeep (up 109.1 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 have been published by the U.S. Bureau of Labor Statistics through the Fall of 1981. Although discontinued by BLS after 1981, this comparison was updated to 1982 by DPED. Similar comparisons by various agencies go back a number of years, and include a Honolulu-Los Angeles comparison for 1945, Honolulu-Washington comparisons for 1951 and 1955-1983, and a 40-area comparison (later for 25 areas) for various dates since 1966. Budget costs for a retired couple have been prepared by BLS for Honolulu and the Mainland as of 1966, 1967, and annually from 1969 to 1981. Cost of living adjustments for Federal employees in Hawaii are based on the Honolulu-Washington comparisons, compiled by the U.S. Office of Personnel Management.

In addition to these data, the Bureau of Labor Statistics until 1978 published monthly and annual data on average Honolulu prices for a wide 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.

No composite wholesale 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 Honolulu Prices: Wholesale Eggs, Poultry, Pork, Beef and Rice and Wholesale Prices: Wholesale Fresh Fruits and Vegetables, both publications of the State Department of Agriculture, Market News Service. Wholesale price statistics of other commodities are less readily available, and in most cases totally lacking.

Data on prices and living costs for the nation as a whole and other areas are summarized in Statistical Abstract of the United States: 1982-83, Section 15. Long-term trends for Hawaii are traced in Historical Statistics of Hawaii, Section 5.

Table 336.-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), FOR HONOLULU:  
 QUARTERLY, 1967 TO 1978

[Unrevised index for urban wage earners and clerical workers.  
 Annual average for 1967=100.]

Year	Annual average	March	June	September	December
1967 .....	100.0	98.9	99.7	100.6	101.8
1968 .....	103.8	102.8	103.4	104.6	105.7
1969 .....	108.5	107.2	108.2	109.6	111.0
1970 .....	114.2	113.2	114.4	114.9	115.7
1971 .....	118.9	116.7	118.5	121.2	121.1
1972 .....	122.8	122.4	122.2	123.1	124.4
1973 .....	128.3	126.0	127.5	129.6	132.8
1974 .....	141.9	137.7	141.2	145.5	148.5
1975 .....	155.0	151.9	154.3	157.6	159.8
1976 .....	162.8	161.1	162.3	164.0	165.5
1977 .....	171.0	168.3	170.5	173.4	174.9
1978 <u>1/</u> ..	...	177.9	182.1	...	...

1/ The unrevised consumer price index was discontinued after June 1978. For the revised index, see the following table.

Source: U.S. Bureau of Labor Statistics, CPI Detailed Report (monthly) and Consumer Price Index-Pacific Cities and U.S. Average (monthly).

Table 337.-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER:  
BIMONTHLY, 1977 TO 1983

[1967 average = 100.]

Type of consumer and year	Annual average	February	April	June	August	October	December
All urban consumers:							
1977 .....	...	...	...	...	...	...	174.9
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 <u>1/</u> .....	267.6	262.0	263.3	269.0	269.4	275.2	269.9
1983 <u>2/</u> .....		270.4	272.8	271.4	273.5		
Urban wage earners and clerical workers (revised):							
1977 .....	...	...	...	...	...	...	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 <u>1/</u> .....	268.1	263.0	264.2	268.9	269.5	274.7	271.0
1983 .....		274.8	276.9	273.4	278.2		

1/ February-August revised.

2/ Revised measurement of homeowners' costs introduced in February.

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

Table 338.-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1978 TO 1982

[Unless otherwise specified, 1967=100.]

Group	1978	1979	1980	1981	1982
All items .....	184.1	204.6	228.5	252.4	267.6
Food and beverages .....	205.4	231.0	250.6	275.4	288.3
Food .....	212.8	239.8	259.9	285.8	298.8
Food at home .....	210.9	243.2	264.2	291.7	300.2
Cereals and bakery products .....	196.0	216.9	241.2	276.6	278.9
Meats, poultry, fish, and eggs ...	207.2	247.5	263.6	278.8	283.4
Meats, poultry, and fish .....	210.2	252.4	268.9	283.8	288.2
Dairy products .....	203.1	223.9	248.5	279.2	285.5
Fruits and vegetables .....	219.2	264.0	273.0	311.5	329.3
Other foods at home .....	235.7	259.0	294.8	331.1	344.5
Food away from home .....	218.9	236.1	254.4	277.8	299.7
Alcoholic beverages .....	143.4	155.5	171.4	186.8	200.0
Housing .....	171.7	192.7	216.6	240.3	255.0
Shelter .....	170.6	195.1	220.1	238.4	253.7
Rent, residential .....	174.1	187.3	206.1	224.8	240.7
Other rental costs .....	203.0	216.6	250.6	288.2	338.5
Homeownership .....	167.5	195.1	221.3	238.9	253.3
Property taxes .....	(NA)	(NA)	(NA)	107.5	118.7
Fuel and other utilities .....	201.0	209.0	243.1	339.1	352.3
Fuels .....	229.0	245.5	309.2	480.9	500.4
Fuel oil, coal, and bottled gas 1/	102.5	117.4	162.8	210.7	239.1
Gas (piped) and electricity .....	229.2	245.5	308.7	481.4	500.4
Household furnishings and operation ..	160.3	172.1	186.3	197.7	210.4
Apparel and upkeep .....	161.3	171.7	183.9	193.4	201.5
Apparel commodities .....	158.7	168.8	180.2	188.1	195.5
Men's and boys' apparel .....	158.7	164.9	177.8	190.0	197.2
Women's and girls' apparel .....	150.6	163.0	169.2	172.8	183.7
Footwear .....	163.7	171.1	182.0	188.4	187.4
Transportation .....	170.4	189.5	223.6	247.1	255.6
Private transportation .....	178.0	198.2	228.1	252.5	260.1
Public transportation .....	128.8	141.7	204.0	222.6	236.7
Medical care .....	221.0	238.7	258.6	289.4	324.3
Entertainment .....	177.7	187.5	201.5	224.8	246.7
Other goods and services .....	183.9	199.1	219.6	244.2	275.6
Personal care .....	189.9	205.9	228.5	246.5	276.4

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Table 338.-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1978 TO 1982 -- Con.

[Unless otherwise specified, 1967=100.]

Group	1978	1979	1980	1981	1982
Commodities .....	179.5	201.5	225.0	243.7	257.0
Food and beverages .....	205.4	231.0	250.6	275.4	288.3
Commodities less food and beverages ..	160.0	179.5	203.6	218.8	231.8
Nondurables less food and beverages	173.5	193.5	225.2	249.5	263.0
Durables .....	143.5	161.6	179.9	188.7	200.7
Services .....	192.3	211.0	235.7	267.0	284.9
Medical care services .....	229.6	247.7	268.8	301.1	338.7
Special indexes:					
All items less shelter .....	187.6	205.3	228.0	254.6	269.4
All items less medical care .....	181.7	202.2	226.2	249.7	263.9
All items less energy <u>2/</u> .....	105.2	116.5	128.3	139.5	148.7
Energy <u>1/</u> .....	100.4	117.7	156.8	205.5	207.8
Commodities less food .....	158.7	177.9	201.6	216.7	229.6
Nondurables less food .....	169.4	188.5	218.6	242.0	255.3
Nondurables .....	192.1	215.3	240.8	265.6	278.9
Services less rent .....	197.0	216.9	242.9	277.2	295.5
Services less medical care .....	185.3	203.6	228.1	258.8	274.6

NA Not available.

1/ June 1978=100.

2/ December 1977=100.

Source: U.S. Bureau of Labor Statistics, CPI Detailed Report, April 1979 and January 1980, 1981, 1982, and 1983.

Table 339.-- CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1978 TO 1982

[Unless otherwise specified, 1967=100.]

Group	1978	1979	1980	1981	1982
All items .....	184.1	204.5	228.7	252.8	268.1
Food and beverages .....	205.3	230.7	252.1	278.6	292.4
Food .....	212.8	239.6	262.0	289.8	303.7
Food at home .....	211.7	242.2	266.8	295.9	306.6
Cereals and bakery products .....	194.8	215.0	238.1	274.5	273.7
Meats, poultry, fish, and eggs ...	210.3	251.0	268.5	286.5	298.5
Meats, poultry, and fish .....	213.6	256.2	274.1	292.2	304.4
Dairy products .....	203.4	223.7	248.2	279.3	285.6
Fruits and vegetables .....	219.1	252.7	277.1	317.0	330.2
Other foods at home .....	235.1	259.0	297.8	335.2	352.1
Food away from home .....	216.8	235.3	253.7	277.3	298.9
Alcoholic beverages .....	142.8	154.1	166.6	181.8	195.3
Housing .....	171.4	191.6	213.3	236.3	251.9
Shelter .....	169.1	192.4	213.6	230.2	246.8
Rent, residential .....	174.1	187.3	206.1	224.8	240.7
Other rental costs .....	204.6	218.4	253.6	292.4	343.5
Homeownership .....	165.5	192.0	213.5	228.8	244.8
Property taxes .....	(NA)	(NA)	(NA)	106.3	114.8
Fuel and other utilities .....	201.1	209.2	243.4	338.9	352.2
Fuels .....	229.0	245.9	309.3	479.2	499.0
Fuel oil, coal, and bottled gas 1/	102.4	117.7	164.5	213.3	241.5
Gas (piped) and electricity .....	229.1	245.9	308.9	479.4	498.8
Household furnishings and operation ..	164.0	178.8	195.9	206.6	219.6
Apparel and upkeep .....	159.3	169.2	193.5	201.8	208.1
Apparel commodities .....	156.5	165.5	190.5	196.8	201.9
Men's and boys' apparel .....	161.1	167.3	179.4	188.7	198.0
Women's and girls' apparel .....	139.2	142.6	149.5	153.0	159.4
Footwear .....	156.8	158.4	165.1	171.4	172.8
Transportation .....	170.0	189.6	223.6	248.4	255.8
Private transportation .....	177.4	198.0	229.1	255.0	261.7
Public transportation .....	128.9	141.8	204.7	223.3	237.5
Medical care .....	223.3	239.5	261.3	296.0	332.5
Entertainment .....	182.0	198.4	215.7	236.0	257.7
Other goods and services .....	182.1	197.0	214.4	238.8	269.7
Personal care .....	185.6	199.4	214.8	234.8	261.3

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Table 339.-- CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1978 TO 1982 -- Con.

[Unless otherwise specified, 1967=100.]

Group	1978	1979	1980	1981	1982
Commodities .....	179.5	201.8	227.1	246.5	259.5
Food and beverages .....	205.3	230.7	252.1	278.6	292.4
Commodities less food and beverages ..	159.8	179.7	206.1	221.3	233.3
Nondurables less food and beverages	173.5	195.2	232.5	257.4	269.8
Durables .....	143.1	161.0	178.8	186.7	197.9
Services .....	192.5	210.0	232.4	264.0	283.0
Medical care services .....	232.4	250.1	273.3	310.4	350.0
Special indexes:					
All items less shelter .....	188.2	207.0	232.2	259.3	273.7
All items less medical care .....	181.6	202.1	226.2	249.8	264.0
All items less energy <u>2/</u> .....	105.2	116.3	127.9	139.1	148.5
Energy <u>1/</u> .....	100.3	118.5	158.4	204.1	205.5
Commodities less food .....	158.5	178.0	203.7	218.8	230.8
Nondurables less food .....	169.3	189.9	224.7	248.6	260.9
Nondurables .....	192.2	216.0	244.9	270.9	284.1
Services less rent .....	197.1	215.7	239.0	273.6	293.3
Services less medical care .....	185.2	202.4	224.3	254.8	271.5

NA Not available.

1/ June 1978=100.

2/ December 1977=100.

Source: U.S. Bureau of Labor Statistics, CPI Detailed Report, April 1979 and January 1980, 1981, 1982, and 1983.



Table 340.-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER  
PRICE INDEXES FOR HONOLULU: DECEMBER 1982

[Percent of all items. Data reflect the change in the treatment of  
homeowners' costs in the CPI-U.]

Expenditure category	CPI-U	CPI-W
All items .....	100.000	100.000
Food and beverages .....	21.610	22.525
Food .....	20.428	21.322
Food at home .....	13.855	15.108
Cereals and bakery products .....	1.596	1.871
Meats, poultry, fish, and eggs .....	4.937	5.585
Meats, poultry, and fish .....	4.710	5.353
Dairy products .....	1.443	1.483
Fruits and vegetables .....	2.382	2.271
Other foods at home .....	3.497	3.898
Food away from home .....	6.573	6.214
Alcoholic beverages .....	1.182	1.203
Housing .....	40.938	41.325
Shelter .....	27.483	28.657
Renters' costs .....	8.582	(NA)
Rent, residential .....	7.761	6.521
Other renters' costs .....	.821	.674
Homeownership .....	(NA)	21.462
Property taxes .....	(NA)	1.821
Homeowners' costs .....	17.987	(NA)
Owners' equivalent rent .....	17.733	(NA)
Fuel and other utilities .....	5.959	5.393
Fuels .....	4.488	4.081
Fuel oil, coal, and bottled gas .....	.067	.041
Fuel oil .....	.003	.000
Other fuels .....	.063	.038
Gas (piped) and electricity .....	4.421	4.041
Electricity .....	3.945	3.543
Utility (piped) gas .....	.476	.497
Household furnishings and operations .....	7.496	7.274
Apparel and upkeep .....	5.158	4.837
Apparel commodities .....	4.671	4.348
Men's and boys' .....	1.441	1.257
Women's and girls' .....	1.495	1.238
Footwear .....	.621	.533
Transportation .....	16.765	17.504
Private .....	14.562	15.687
Motor fuel .....	5.028	5.572
Public .....	2.203	1.817

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Table 340.-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER  
PRICE INDEXES FOR HONOLULU: DECEMBER 1981 -- Con.

Commodity and service group	CPI-U	CPI-W
Medical care .....	5.875	5.410
Entertainment .....	4.567	3.894
Other goods and services .....	5.087	4.505
Personal care .....	1.843	1.702
All items .....	100.000	100.000
Commodities .....	48.781	59.259
Food and beverages .....	21.610	22.525
Commodities less food and beverages .....	27.171	36.734
Nondurables less food and beverages ....	17.595	17.594
Durables .....	9.576	19.140
Services .....	51.219	40.741
Medical care services .....	5.070	4.652
Special indexes:		
All items less shelter .....	72.517	71.343
All items less medical care .....	94.125	94.590
All items less energy <sup>1/</sup> .....	90.484	90.347
Energy <sup>1/</sup> .....	9.516	9.653
Commodities less food .....	28.353	37.936
Nondurables less food .....	18.777	18.796
Nondurables .....	39.205	40.119
Services less rent .....	(NA)	34.220
Services less rent of shelter .....	24.944	(NA)
Services less medical care .....	46.149	36.089

NA Not available.

<sup>1/</sup> Relative importances reflect a new definition of energy which excludes motor oil, coolant, and other products.

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

Table 341.-- RETAIL FOOD PRICES, BY ITEM, FOR HONOLULU AND MAINLAND CITIES: JUNE 3, 1982 AND JUNE 2, 1983.

[See headnote to following table.]

Item	Honolulu price (dollars)		Honolulu as percent of Mainland average 1/	
	1982	1983	1982	1983
Milk, homogenized, 1/2 gal. ....	1.67	1.49	158	141
Eggs, Grade A, large, 1 doz. ....	1.19	1.19*	165	163
Cheese, sharp, 10 oz. ....	2.55	2.79*	128	136
Margarine, 1 lb. ....	0.79*	0.95	146	170
Bread, 24 oz. loaf ....	0.83	1.03*	151	175
Flour, 5 lb. ....	0.99*	1.49*	99	146
Cereal, Special K, 12 oz. ....	2.15	2.25	140	136
Sugar, 5 lb. ....	1.69*	2.11	112	129
Instant coffee, 10 oz. jar ....	4.69	4.69	111	109
Beans, dry, 1 lb ....	0.99	0.75	187	170
Rice, 2 lb. ....	2.15	2.05	121	116
Mayonnaise, 1 qt. ....	1.59	1.55	114	107
Peanut butter, 12 oz. jar ....	2.23	2.09	131	134
Tuna, 6 1/2 oz. can ....	1.17	0.95	131	110
Evaporated milk, 13 oz. can ....	0.67	0.65*	129	123
Cling peach halves, 29 oz. can ....	0.99*	1.09	114	118
Pineapple, 20 oz. can ....	0.79*	0.99	100	116
Ice cream, 1/2 gal. ....	1.95*	1.99*	132	144
Frozen orange juice concen., 6 oz. ..	0.50*	0.65	102	135
Broccoli spears, frozen, 10 oz. ....	0.95	0.79	146	120
Rump roast, boneless, 1 lb. ....	2.99	2.69	129	123
Sirloin steak, bone in, 1 lb. ....	3.29*	3.19	113	117
Ground beef, 1 lb. ....	1.98	1.49*	140	115
Pork loin chops, 1 lb. ....	2.69	2.79*	125	121
Ham smoked, 1 lb. ....	1.49	1.59	122	137
Bacon, 1 lb. ....	1.89*	1.79*	89	92
Wieners, all meat, 1 lb. ....	1.49*	1.69	90	104
Chicken, whole broiler fryer, 1 lb. .	0.79	1.39	127	257
Potatoes, white, 5 lb. ....	1.89	1.89	148	175
Carrots, 1 lb. ....	0.39	0.39*	122	139
Cabbage, 1 lb. ....	0.29	0.20*	66	80
Lettuce, 1 head ....	0.74	0.59	119	97
Bananas, 1 lb. ....	0.55	0.69*	167	160
Tomatoes, 1 lb. ....	0.79	0.79	122	96
Oranges, 5 lb. ....	2.75	1.45*	153	104
Tax on above items ....	2.18	2.17	112	88

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Table 341.-- RETAIL FOOD PRICES, BY ITEM, FOR HONOLULU AND MAINLAND CITIES: JUNE 3, 1982 AND JUNE 2, 1983 -- Con.

\* Special sale price.

1/ Mainland averages based on data for 19 Mainland cities surveyed. These averages exclude Anchorage and Honolulu, also surveyed. Source: Honolulu Advertiser, June 23, 1982, p. B-1, and June 24, 1983, p. D-1.

Table 342.-- RETAIL FOOD PRICES, FOR HONOLULU AND MAINLAND CITIES: 1979 TO 1983

[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

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.

Table 343.-- COMPARATIVE FAMILY BUDGETS FOR HONOLULU: 1972 TO 1982

Type of family and date	Cost of budget (dollars)			Percent of U.S. urban average		
	Lower budget	Inter-mediate budget	Higher budget	Lower budget	Inter-mediate budget	Higher budget
<b>URBAN FAMILY OF FOUR PERSONS</b>						
1972: Autumn ....	9,118	13,617	20,579	123	119	124
1973: Autumn ....	9,924	14,937	21,901	121	118	120
1974: Autumn ....	11,383	17,019	25,572	124	119	123
1975: Autumn ....	12,226	18,694	28,302	128	122	127
1976: Autumn ....	12,711	19,633	30,086	127	121	127
1977: Autumn ....	13,280	20,883	31,897	127	122	127
1978: Autumn ....	14,870	23,099	35,602	129	124	130
1979: Autumn ....	16,507	25,799	39,689	131	126	131
1980: Autumn ....	18,480	28,488	44,396	132	123	129
1981: Autumn ....	20,319	31,893	50,317	133	126	132
1982: Autumn <u>1/</u> .	21,534	34,032	53,793	135	128	135
<b>RETIRED COUPLE</b>						
1972: Autumn ....	3,927	5,633	8,717	114	113	113
1973: Autumn ....	4,221	6,038	8,844	112	112	110
1974: Autumn ....	4,801	6,796	9,918	114	112	111
1975: Autumn ....	5,168	7,339	10,726	115	114	112
1976: Autumn ....	5,397	7,691	11,318	115	114	113
1977: Autumn ....	5,711	8,107	11,882	114	113	111
1978: Autumn ....	6,357	8,987	13,085	115	115	113
1979: Autumn ....	7,040	9,972	14,508	117	116	115
1980: Autumn ....	7,776	10,979	15,889	117	116	114
1981: Autumn <u>2/</u> .	8,665	12,157	17,576	120	119	117

1/ Estimated. The official series on comparative family budgets was discontinued by the Bureau of Labor Statistics following the release of the 1981 data.

2/ Last year available. This series was discontinued following the release of the 1981 data.

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), Three Budgets for a Retired Couple, Autumn 1981 (release USDL: 82-266, July 30, 1982), and corresponding BLS releases for earlier years; Hawaii State Department of Planning and Economic Development, Comparative Family Budgets for Honolulu and the United States, 1967-1982 (Statistical Memorandum 83-3, April 7, 1983).

Table 344.-- 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>3/</u> .....	3,171	5,098	7,355	150	117	126
Renter costs <u>4/</u> .....	3,171	3,991	5,836	150	146	136
Homeowner costs <u>5/</u> .....	...	5,467	7,623	...	112	124
Housefurnishings and operations .....	851	1,395	2,499	121	116	110
Transportation <u>6/</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>7/</u> .....	1,583	1,590	1,657	110	110	110
Other family consumption <u>8/</u> ....	749	1,378	2,323	116	115	118
Other items <u>9/</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

See footnotes on next page.

Table 344.-- ANNUAL BUDGETS FOR THREE LEVELS OF LIVING FOR A FOUR-PERSON FAMILY  
ON OAHU: AUTUMN 1980 -- Con.

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).

2/ Housing includes shelter, housefurnishings and household operations. The higher budget also includes an allowance for lodging away from Oahu.

3/ The average costs of shelter were weighted by the following proportions: lower budget, all families living in rented dwellings; intermediate budget, 25 percent in rented dwellings; higher budget, 15 percent renters.

4/ Includes average contract rent, heating fuel, gas, electricity, water, specified equipment, and insurance on household contents.

5/ Includes interest and principal payments plus taxes; insurance on house and contents; water, refuse disposal, heating fuel, gas, electricity, and specified equipment; and home repair and maintenance costs.

6/ Based on 65 percent of the lower budget families and all of the intermediate and higher budget families owning automobiles.

7/ Based on 30 percent of all families paying full cost of medical insurance 26 percent paying half cost, and 44 percent covered by noncontributory insurance plans (paid by employer).

8/ Includes reading, recreation, tobacco products, alcoholic beverages, education, and miscellaneous expenditures.

9/ Includes gifts and contributions, life insurance and occupational expenses.

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 345.-- 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 budg- et	In- terme- diate budg- et	High- er budg- et	Low- er budg- et	In- terme- diate budg- et	High- er budg- et
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>3/</u> .....	1,860	2,356	3,423	103	107	110
Renter costs <u>4/</u> .....	2,383	3,293	4,520	147	155	140
Homeowner costs <u>5/</u> .....	1,512	1,851	2,953	79	83	97
Housefurnishings, operations .	727	1,471	2,396	126	123	118
Transportation <u>6/</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>7/</u> ....	327	545	1,119	119	119	124
Other items <u>8/</u> .....	373	731	1,292	120	119	116

Footnotes and source on next page.



Table 345.-- ANNUAL BUDGETS FOR THREE LEVELS OF LIVING FOR A RETIRED COUPLE  
ON OAHU: AUTUMN 1981 -- Con.

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/ Housing includes shelter, housefurnishings and household operations. The higher budget also includes an allowance for lodging away from Oahu.

3/ The average costs of shelter were weighted by the following proportions: lower budget, 40 percent living in rented dwellings; intermediate budget, 35 percent in rented dwellings; higher budget, 30 percent in rented dwellings.

4/ Includes average contract rent, heating fuel, gas electricity, water, specified equipment, and insurance on household contents.

5/ Includes property taxes, insurance on house and contents, water, refuse disposal, heating fuel, gas, electricity, specified equipment, and home repair and maintenance costs. Assumes all mortgage payments have been completed prior to retirement.

6/ Based on 45 percent of the lower budget families, 60 percent of the intermediate budget families, and all of the higher budget families owning automobiles.

7/ Includes reading, recreation, tobacco products, alcoholic beverages, and miscellaneous expenditures.

8/ Includes gifts and contributions. The higher level also includes an allowance for life insurance.

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 346.-- 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).