

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 October 1984, the Honolulu all-items consumer price index for all urban consumers stood at 287.4, with the 1967 level equal to 100. The index had increased 4.0 percent in the preceding 12 months, 36.5 percent since October 1979, and 97.5 percent since September 1974. Prices have risen most rapidly since 1967 for medical care (284.3 percent) fuel and other utilities (245.8 percent), and food away from home (up 231.5 percent), and least for apparel and upkeep (up 100.1 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 subsequently updated by DPED. Budget costs for a retired couple have similarly been prepared by BLS for Honolulu and the Mainland, most recently as of 1981. Cost of living adjustments for Federal employees in Hawaii are based on Honolulu-Washington comparisons, compiled by the U.S. Office of Personnel Management at annual intervals.

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 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 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: 1984, Section 16. Long-term trends for Hawaii are traced in Historical Statistics of Hawaii, Section 5.

Table 399.-- 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 400.-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER,
FOR HONOLULU: BIMONTHLY, 1977 TO 1984

[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>	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
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	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

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 401.-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1979 TO 1983

[Unless otherwise specified, 1967=100]

Group	1979	1980	1981	1982	1983
All items	204.6	228.5	252.4	267.6	273.5
Food and beverages	231.0	250.6	275.4	288.3	296.0
Food	239.8	259.9	285.8	298.8	306.7
Food at home	243.2	264.2	291.7	300.2	305.2
Cereals and bakery products	216.9	241.2	276.6	278.9	289.3
Meats, poultry, fish, and eggs ...	247.5	263.6	278.8	283.4	286.6
Meats, poultry, and fish	252.4	268.9	283.8	288.2	291.8
Dairy products	223.9	248.5	279.2	285.5	287.6
Fruits and vegetables	264.0	273.0	311.5	329.3	324.9
Other foods at home	259.0	294.8	331.1	344.5	358.4
Food away from home	236.1	254.4	277.8	299.7	314.1
Alcoholic beverages	155.5	171.4	186.8	200.0	206.0
Housing	192.7	216.6	240.3	255.0	257.5
Shelter	195.1	220.1	238.4	253.7	257.2
Renters' costs <u>1/</u>	(NA)	(NA)	(NA)	(NA)	102.7
Rent, residential	187.3	206.1	224.8	240.7	253.0
Other renters' costs	216.6	250.6	288.2	338.5	382.9
Homeowners' costs <u>1/</u>	(NA)	(NA)	(NA)	(NA)	100.6
Owners' equivalent rent <u>1/</u>	(NA)	(NA)	(NA)	(NA)	100.6
Fuel and other utilities	209.0	243.1	339.1	352.3	339.9
Fuels	245.5	309.2	480.9	500.4	446.0
Fuel oil, coal, and bottled gas <u>2/</u>	117.4	162.8	210.7	239.1	236.9
Gas (piped) and electricity	245.5	308.7	481.4	500.4	445.3
Household furnishings and operation ..	172.1	186.3	197.7	210.4	216.7
Apparel and upkeep	171.7	183.9	193.4	201.5	207.7
Apparel commodities	168.8	180.2	188.1	195.5	200.9
Men's and boys' apparel	164.9	177.8	190.0	197.2	201.1
Women's and girls' apparel	163.0	169.2	172.8	183.7	186.9
Footwear	171.1	182.0	188.4	187.4	190.9
Transportation	189.5	223.6	247.1	255.6	253.7
Private transportation	198.2	228.1	252.5	260.1	258.7
Public transportation	141.7	204.0	222.6	236.7	231.9
Medical care	238.7	258.6	289.4	324.3	357.6
Entertainment	187.5	201.5	224.8	246.7	257.6
Other goods and services	199.1	219.6	244.2	275.6	303.7
Personal care	205.9	228.5	246.5	276.4	284.9

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Table 401.-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1979 TO 1983 -- Con.

Group	1979	1980	1981	1982	1983
All items	204.6	228.5	252.4	267.6	273.5
Commodities	201.5	225.0	243.7	257.0	263.8
Food and beverages	231.0	250.6	275.4	288.3	296.0
Commodities less food and beverages ..	179.5	203.6	218.8	231.8	237.8
Nondurables less food and beverages	193.5	225.2	249.5	263.0	270.8
Durables	161.6	179.9	188.7	200.7	205.7
Services	211.0	235.7	267.0	284.9	289.5
Medical care services	247.7	268.8	301.1	338.7	375.1
Special indexes:					
All items less shelter	205.3	228.0	254.6	269.4	276.4
All items less medical care	202.2	226.2	249.7	263.9	268.5
All items less energy ^{3/}	116.5	128.3	139.5	148.7	153.2
Energy ^{2/}	117.7	156.8	205.5	207.8	192.3
Commodities less food	177.9	201.6	216.7	229.6	235.6
Nondurables less food	188.5	218.6	242.0	255.3	262.9
Nondurables	215.3	240.8	265.6	278.9	286.7
Services less rent of shelter	(NA)	(NA)	(NA)	(NA)	101.3
Services less medical care	203.6	228.1	258.8	274.6	276.3

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 1980, 1981, 1982, 1983, and 1984.

Table 402.-- CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1979 TO 1983

[Unless otherwise specified, 1967=100]

Group	1979	1980	1981	1982	1983
All items	204.5	228.7	252.8	268.1	278.8
Food and beverages	230.7	252.1	278.6	292.4	300.3
Food	239.6	262.0	289.8	303.7	311.8
Food at home	242.2	266.8	295.9	306.6	312.4
Cereals and bakery products	215.0	238.1	274.5	273.7	281.7
Meats, poultry, fish, and eggs ...	251.0	268.5	286.5	298.5	302.7
Meats, poultry, and fish	256.2	274.1	292.2	304.4	309.1
Dairy products	223.7	248.2	279.3	285.6	287.8
Fruits and vegetables	252.7	277.1	317.0	330.2	327.5
Other foods at home	259.0	297.8	335.2	352.1	366.5
Food away from home	235.3	253.7	277.3	298.9	313.5
Alcoholic beverages	154.1	166.6	181.8	195.3	201.7
Housing	191.6	213.3	236.3	251.9	265.8
Shelter	192.4	213.6	230.2	246.8	266.1
Rent, residential	187.3	206.1	224.8	240.7	253.0
Other rental costs	218.4	253.6	292.4	343.5	391.4
Homeownership	192.0	213.5	228.8	244.8	265.4
Property taxes 1/	(NA)	(NA)	106.3	114.8	116.1
Fuel and other utilities	209.2	243.4	338.9	352.2	340.1
Fuels	245.9	309.3	479.2	499.0	445.5
Fuel oil, coal, and bottled gas 2/	117.7	164.5	213.3	241.5	239.3
Gas (piped) and electricity	245.9	308.9	479.4	498.8	444.9
Household furnishings and operation ..	178.8	195.9	206.6	219.6	226.8
Apparel and upkeep	169.2	193.5	201.8	208.1	214.6
Apparel commodities	165.5	190.5	196.8	201.9	207.5
Men's and boys' apparel	167.3	179.4	188.7	198.0	201.4
Women's and girls' apparel	142.6	149.5	153.0	159.4	162.1
Footwear	158.4	165.1	171.4	172.8	175.8
Transportation	189.6	223.6	248.4	255.8	253.3
Private transportation	198.0	229.1	255.0	261.7	259.4
Public transportation	141.8	204.7	223.3	237.5	232.7
Medical care	239.5	261.3	296.0	332.5	365.2
Entertainment	198.4	215.7	236.0	257.7	270.0
Other goods and services	197.0	214.4	238.8	269.7	299.4
Personal care	199.4	214.8	234.8	261.3	269.5

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Table 402.-- CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1979 TO 1983 -- Con.

Group	1979	1980	1981	1982	1983
All items	204.5	228.7	252.8	268.1	278.8
Commodities	201.8	227.1	246.5	259.5	267.0
Food and beverages	230.7	252.1	278.6	292.4	300.3
Commodities less food and beverages ..	179.7	206.1	221.3	233.3	240.3
Nondurables less food and beverages	195.2	232.5	257.4	269.8	277.3
Durables	161.0	178.8	186.7	197.9	204.3
Services	210.0	232.4	264.0	283.0	299.0
Medical care services	250.1	273.3	310.4	350.0	385.9
Special indexes:					
All items less shelter	207.0	232.2	259.3	273.7	280.5
All items less medical care	202.1	226.2	249.8	264.0	273.8
All items less energy ^{3/}	116.3	127.9	139.1	148.5	156.0
Energy ^{2/}	118.5	158.4	204.1	205.5	191.1
Commodities less food	178.0	203.7	218.8	230.8	237.8
Nondurables less food	189.9	224.7	248.6	260.9	268.3
Nondurables	216.0	244.9	270.9	284.1	291.9
Services less rent	215.7	239.0	273.6	293.3	310.2
Services less medical care	202.4	224.3	254.8	271.5	285.3

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 1980, 1981, 1982, 1983, and 1984.

Table 403.-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER
PRICE INDEX FOR HONOLULU: DECEMBER 1983

[Percent of all items]

Group	CPI-U <u>1/</u>	CPI-W <u>2/</u>
All items	100.000	100.000
Food and beverages	21.243	21.526
Food	20.081	20.375
Food at home	13.428	14.261
Cereals and bakery products	1.576	1.791
Meats, poultry, fish, and eggs	4.735	5.211
Meats, poultry, and fish	4.510	4.987
Dairy products	1.409	1.405
Fruits and vegetables	2.232	2.098
Other foods at home	3.475	3.756
Food away from home	6.653	6.114
Alcoholic beverages	1.162	1.150
Housing	41.284	43.466
Shelter	27.882	31.204
Renters' costs	8.750	(NA)
Rent, residential	7.915	6.448
Other renters' costs .....	.835	.665
Homeownership	(NA)	24.091
Property taxes	(NA)	1.780
Homeowners' costs	18.096	(NA)
Owners' equivalent rent	17.835	(NA)
Fuel and other utilities	5.976	5.242
Fuels	4.316	3.803
Fuel oil, coal, and bottled gas .....	.064	.038
Fuel oil .....	.003	.000
Other fuels .....	.060	.036
Gas (piped) and electricity	4.252	3.765
Electricity	3.817	3.324
Utility (piped) gas .....	.436	.441
Household furnishings and operations	7.426	7.020
Apparel and upkeep	5.134	4.647
Apparel commodities	4.656	4.182
Men's and boys'	1.473	1.218
Women's and girls'	1.466	1.185
Footwear607	.503

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Table 403.-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER
PRICE INDEX FOR HONOLULU: DECEMBER 1983 -- Con.

Group	CPI-U <u>1/</u>	CPI-W <u>2/</u>
Transportation	16.501	16.735
Private	14.578	15.201
Motor fuel	4.774	5.129
Public	1.923	1.535
Medical care	6.092	5.394
Entertainment	4.620	3.837
Other goods and services	5.125	4.394
Personal care	1.713	1.536
All items	100.000	100.000
Commodities	48.332	57.413
Food and beverages	21.243	21.526
Commodities less food and beverages	27.089	35.887
Nondurables less food and beverages	17.396	16.826
Durables	9.693	19.061
Services	51.668	42.587
Medical care services	5.261	4.636
Special indexes:		
All items less shelter	72.118	68.796
All items less medical care	93.908	94.606
All items less energy	90.910	91.069
Energy	9.090	8.931
Commodities less food	28.251	37.038
Nondurables less food	18.558	17.977
Nondurables	38.640	38.352
Services less rent	(NA)	36.139
Services less rent of shelter	25.122	(NA)
Services less medical care	46.407	37.950

NA Not available.

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 404.-- RETAIL FOOD PRICES, BY ITEM, FOR HONOLULU AND MAINLAND CITIES: JUNE 2, 1983 AND MAY 31, 1984

[See headnote to following table]

Item	Honolulu price (dollars)		Honolulu as percent of Mainland average 1/	
	1983	1984	1983	1984
Milk, homogenized, 1/2 gal.	1.49	1.49*	141	137
Eggs, Grade A, large, 1 doz.	1.19*	1.49*	163	186
Cheese, sharp, 10 oz.	2.79*	2.83	136	133
Margarine, 1 lb.	0.95	0.75	170	125
Bread, white, 24 oz. loaf	1.03*	0.79	175	136
Flour, 5 lb.	1.49*	0.89*	146	91
Cereal, Special K, 12 oz.	2.25	2.41	136	145
Sugar, 5 lb.	2.11	2.18	129	131
Instant coffee, 10 oz. jar	4.69	5.25	109	117
Beans, dry, 1 lb.	0.75	0.87	170	178
Rice, 2 lb.	2.05	2.35	116	127
Mayonnaise, 1 qt.	1.55	1.69*	107	100
Peanut butter, 18 oz. jar	2.09	1.93*	134	127
Tuna, 6 1/2 oz. can	0.95	0.69*	110	88
Evaporated milk, 13 oz. can	0.65*	0.64	123	119
Cling peach halves, 29 oz. can	1.09	1.29	118	126
Pineapple, 20 oz. can	0.99	0.95	116	106
Ice cream, 1/2 gal.	1.99*	1.99*	144	131
Orange juice concentrate, 6 oz.	0.65	0.69	135	117
Broccoli spears, 10 oz. pkg.	0.79	1.05	120	157
Rump roast, boneless, 1 lb.	2.69	2.79*	123	126
Sirloin steak, bone in, 1 lb.	3.19	3.19	117	107
Ground beef, 1 lb.	1.49*	1.39	115	109
Pork loin chops, 1 lb.	2.79*	2.49	121	113
Ham, smoked, 1 lb.	1.59	1.49*	137	122
Bacon, 1 lb.	1.79*	2.39*	92	119
Wieners, all meat, 1 lb.	1.69	1.29*	104	77
Chicken, whole, 1 lb.	1.39	0.79	257	108
Potatoes, 5 lb.	1.89	2.95	175	212
Carrots, 1 lb.	0.39*	0.69	139	209
Cabbage, 1 lb.	0.20*	0.29*	80	138
Lettuce, 1 head	0.59	0.99	97	190
Bananas, 1 lb.	0.69*	0.69*	160	186
Tomatoes, 1 lb.	0.79	0.69	96	90
Oranges, 5 lb.	1.45*	2.45	104	100
Tax on above items	2.17	2.27	88	127

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Table 404.-- RETAIL FOOD PRICES, BY ITEM, FOR HONOLULU AND MAINLAND CITIES: JUNE 2, 1983 AND MAY 31, 1984 -- 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 24, 1983, p. D-1, and June 19, 1984.

Table 405.-- RETAIL FOOD PRICES, FOR HONOLULU AND MAINLAND CITIES: 1979 TO 1984

[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

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.

Table 406.-- 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
URBAN FAMILY OF FOUR PERSONS						
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
RETIRED COUPLE						
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 407.-- 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

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.

Continued on next page.

Table 407.-- ANNUAL BUDGETS FOR THREE LEVELS OF LIVING FOR A FOUR-PERSON FAMILY ON OAHU: AUTUMN 1981 -- Con.

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 408.-- 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 five costliest urban areas]

Rank	Total budget 1/			Goods and services 2/	
	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
4	Santa Barbara, CA ..	56,436	119.4	New York, NY	108.8
5	New York, NY	55,802	118.0	San Francisco, CA	106.2

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. Includes housing, transportation, goods and services, and taxes.

2/ Calculated for 60 U.S. urban areas. Based on a standard of living appropriate to a family with an income of \$50,000 in the median urban area. Includes 120 specific goods and services priced at each location.

Source: Runzheimer and Company, Inc., Rochester, Wis., news releases dated May 30, 1984 (for total budgets) and August 21, 1984 (for goods and services).

Table 409.-- 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 410.-- 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).