

## Section 14

# PRICES

This section presents indexes of consumer prices for Honolulu, average prices for selected foods, and comparisons of Honolulu living costs with those in other metropolitan areas. Other statistics on prices are reported in Sections 7, 16, 17, 18, 21, and 23.

During the first six months of 1988, the Honolulu all-items consumer price index for all urban consumers (CPI-U) averaged 120.1, with the 1982-1984 level equal to 100. The index had increased 6.0 percent over the first half of 1987, 20.9 percent since 1983, and 79.5 percent since 1978. Prices have risen most rapidly since the 1982-84 base period for medical care (29.2 percent) and have dropped most rapidly for electricity (22.4 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. An unofficial 1988 survey of selected U.S. metropolitan areas ranked Honolulu third in overall living costs, 16.8 percent above the median area.

The Honolulu consumer price index has been compiled by the U.S. Bureau of Labor Statistics 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 1982-1984, the base date. Current data for Honolulu and other cities are published in CPI Detailed Report, issued monthly by BLS.

Technical changes made in the consumer price index during the past decade have affected its coverage, treatment of specific expenditure categories, weights, base period, and frequency of publication. In 1978, the Bureau of Labor Statistics added a new index, the CPI-U, covering all urban consumers, to the older index, the CPI-W, which was limited to urban wage earners and clerical workers and their families. In 1983, the basis for measuring homeowners' costs was substantially modified. In 1987, component weights based on a 1982-1984 survey replaced the older weights derived from 1972-1973 data. At the same time, the publication of the Honolulu indexes was moved from a bimonthly to a semi-annual basis. Beginning in 1988, the base period was shifted to 1982-1984 instead of 1967. Both the CPI-U and CPI-W have been linked to older indexes going back to 1940.

Official comparisons of Honolulu and Mainland living costs are no longer being made. The annual four-person family budgets estimated by the Bureau of Labor Statistics for Honolulu and 24 (previously 39) Mainland areas were discontinued after 1981. The annual comparison of prices in Hawaii and Washington, D.C., compiled by the U.S. Office of Personnel Management to provide a basis for cost of living adjustments for Federal employees, has not been published since 1983. The only current information on intercity differences is that provided by a private consultant firm, Runzheimer International. Annual surveys of food prices in Honolulu and other cities were regularly made by the Honolulu Advertiser in conjunction with the Tampa Tribune from 1979 to 1987.

No composite wholesale or producer price index is available for Hawaii. Average wholesale prices of agricultural products are reported in Statistics of Hawaiian Agriculture, issued by the Hawaii Agricultural Statistics Service, and in various other publications of the State Department of Agriculture. Wholesale price statistics of other commodities are seldom 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: 1988, Section 15. Long-term trends for Hawaii are traced in Historical Statistics of Hawaii, Section 5.

Table 428.-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUALLY, 1984 TO 1988

[1982-1984 average = 100]

Year	All urban consumers (CPI-U)			Urban wage earners and clerical workers (CPI-W)		
	Annual average	First half	Second half	Annual average	First half	Second half
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 ...	(NA)	120.1	(NA)	(NA)	121.1	(NA)

NA Not available.

Source: U.S. Bureau of Labor Statistics, tapes tabulated by Hawaii State Data Center and press releases.

Table 429.-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER, FOR HONOLULU: 1940 TO 1977

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

Year	CPI-U: annual	CPI-W				
		Annual	March	June	September	December
1940	14.7	14.5	14.3	(NA)	14.6	(NA)
1941	15.5	15.3	14.8	(NA)	15.6	(NA)
1942	17.6	17.4	16.9	(NA)	17.8	(NA)
1943	18.9	18.7	18.6	18.8	18.8	18.8
1944	19.2	19.0	18.7	19.2	19.2	19.3
1945	19.7	19.5	19.4	19.5	19.5	19.6
1946	21.0	20.8	19.5	19.8	21.7	23.9
1947	24.4	24.1	23.5	23.8	24.4	24.7
1948	25.7	25.4	25.0	24.9	25.7	26.2
1949	25.2	24.9	25.1	24.7	25.3	23.8
1950	24.3	24.0	23.6	23.7	24.2	24.4
1951	25.7	25.4	25.4	25.3	25.5	26.0
1952	26.5	26.2	25.9	26.0	26.4	26.6
1953	26.7	26.4	26.0	26.4	26.6	26.5
1954	26.9	26.6	26.7	26.5	26.7	26.8
1955	27.3	27.0	27.0	26.9	27.1	27.2
1956	27.7	27.4	27.3	27.2	27.4	27.7
1957	28.6	28.3	27.7	27.7	28.8	29.3
1958	30.0	29.6	29.6	29.3	29.8	29.8
1959	30.5	30.1	30.0	29.9	30.2	30.6
1960	31.3	30.9	30.7	30.8	31.0	27.9
1961	32.1	31.7	31.4	31.7	31.9	32.1
1962	32.8	32.4	32.2	32.2	32.6	32.7
1963	33.5	33.1	33.2	33.1	33.1	33.2
1964	33.7	33.3	33.4	33.1	33.3	33.5
1965	34.4	33.9	33.7	33.7	33.9	34.4
1966	35.3	34.8	34.6	34.6	35.0	35.4
1967	36.3	35.8	35.4	35.7	36.0	36.4
1968	37.7	37.2	36.8	37.0	37.4	37.8
1969	39.4	38.8	38.4	38.7	39.2	39.7
1970	41.5	40.9	40.5	40.9	41.1	41.4
1971	43.2	42.6	41.8	42.4	43.4	43.3
1972	44.6	44.0	43.8	43.7	44.1	44.5
1973	46.6	45.9	45.1	45.6	46.4	47.5
1974	51.5	50.8	49.3	50.5	52.1	53.2
1975	56.3	55.5	54.4	55.2	56.4	57.2
1976	59.1	58.3	57.7	58.1	58.7	59.2
1977	62.1	61.2	60.2	61.0	62.1	62.6

Footnote and source follow next table.

Table 430.-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER, FOR HONOLULU: 1978 TO 1987

[1982-1984 average = 100]

Type of consumer and year	Annual average	February	April	June	August	October	December
<b>Urban wage earners and clerical workers (CPI-W):</b>							
1978 .....	65.9	63.5	64.9	65.9	66.6	67.5	68.4
1979 .....	73.2	70.2	71.6	72.9	74.2	75.6	77.1
1980 .....	81.9	79.2	81.8	81.6	82.1	83.6	84.8
1981 .....	90.5	87.2	89.6	90.8	91.8	92.7	92.8
1982 .....	96.0	94.1	94.6	96.3	96.5	98.3	97.0
1983 .....	99.8	98.4	99.1	97.9	99.6	102.3	103.2
1984 .....	104.3	101.8	103.4	104.1	105.1	105.4	106.5
1985 .....	107.9	107.5	107.4	107.5	107.8	108.4	109.5
1986 .....	110.3	110.4	109.5	109.7	110.4	110.5	111.9
1987 .....	115.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>All urban consumers (CPI-U):</b>							
1978 .....	66.9	64.7	65.9	66.8	67.4	68.6	69.5
1979 .....	74.3	71.3	72.9	74.2	75.3	76.5	78.0
1980 .....	83.0	80.2	82.6	82.6	83.6	85.2	85.8
1981 .....	91.7	88.4	90.8	91.8	93.2	94.2	93.8
1982 .....	97.2	95.2	95.6	97.7	97.9	100.0	98.0
1983 .....	99.3	98.2	99.1	98.6	99.3	100.4	101.1
1984 .....	103.5	102.0	102.9	103.4	103.9	104.4	105.3
1985 .....	106.8	106.3	106.3	106.6	106.9	107.4	108.4
1986 .....	109.4	109.4	108.6	108.7	109.5	109.8	110.9
1987 .....	114.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: 1964-1987 from U.S. Bureau of Labor Statistics tapes tabulated by Hawaii State Data Center. 1940-1963 from surveys by Eugene Danaher and Hawaii State Department of Labor and Industrial Relations, cited in Robert C. Schmitt, Historical Statistics of Hawaii (University Press of Hawaii, 1977), pp. 146-147, and 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 by Hawaii State Data Center.

Table 431.-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1983 TO 1987

[Unless otherwise specified, 1982-1984 average=100]

Group	1983	1984	1985	1986	1987
All items .....	99.3	103.5	106.8	109.4	114.9
Food and beverages .....	99.5	103.6	107.8	110.0	114.1
Food .....	99.5	103.7	107.7	109.9	114.3
Food at home .....	99.1	103.4	106.7	109.0	113.4
Cereals and bakery products .....	99.9	103.8	109.4	112.8	117.2
Meats, poultry, fish, and eggs ...	99.7	101.7	102.6	104.3	108.5
Meats, poultry, and fish .....	100.0	101.3	102.6	104.3	107.9
Dairy products .....	99.8	101.2	103.6	105.0	105.9
Fruits and vegetables .....	96.2	106.4	111.9	112.3	116.5
Other foods at home .....	99.6	104.7	108.9	113.2	119.4
Food away from home .....	100.1	104.5	108.6	111.4	115.6
Alcoholic beverages .....	100.3	102.4	108.4	111.1	111.4
Housing .....	98.9	103.1	106.0	108.4	115.0
Shelter .....	98.7	104.0	108.5	113.9	122.1
Renters' costs 1/ .....	102.7	109.4	115.0	121.1	127.3
Rent, residential .....	99.5	105.8	110.9	116.9	122.3
Other renters' costs .....	101.1	109.4	117.9	122.5	129.7
Homeowners' costs 1/ .....	100.6	105.9	110.4	115.7	124.9
Owners' equivalent rent 1/ .....	100.6	105.8	110.4	115.8	125.0
Fuel and other utilities .....	98.1	100.2	97.5	87.6	88.8
Fuels .....	95.3	97.7	93.0	75.2	77.8
Gas (piped) and electricity .....	95.3	97.7	92.9	74.9	77.4
Electricity .....	94.5	97.5	92.3	73.3	76.0
Utility (piped) gas .....	101.8	99.4	98.7	88.2	87.6
Household furnishings and operation ..	100.6	101.7	103.0	104.7	108.8
Apparel and upkeep .....	101.4	100.2	99.6	99.8	102.5
Apparel commodities .....	101.6	99.6	98.6	98.5	101.2
Men's and boys' apparel .....	100.5	101.0	104.2	106.8	114.7
Women's and girls' apparel .....	100.8	100.2	102.8	102.0	100.3
Footwear .....	100.0	101.9	103.2	100.8	100.4
Transportation .....	98.2	102.9	104.9	105.2	109.7
Private transportation .....	98.1	103.3	105.3	105.4	109.7
Motor fuel .....	97.9	99.7	100.7	88.5	90.9
Gasoline .....	98.0	99.9	100.8	88.5	91.0
Public transportation .....	99.0	100.0	101.8	103.8	109.1
Medical care .....	101.1	107.3	113.2	122.3	127.9
Entertainment .....	100.0	104.3	111.9	113.2	118.6
Other goods and services .....	101.4	106.6	112.5	119.6	129.7
Personal care .....	101.2	100.7	103.8	107.3	112.6

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Table 431.-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1983 TO 1987 -- Con.

Group	1983	1984	1985	1986	1987
All items .....	99.3	103.5	106.8	109.4	114.9
Commodities .....	99.8	103.0	105.7	106.2	109.6
Food and beverages .....	99.5	103.6	107.8	110.0	114.1
Commodities less food and beverages ..	100.0	102.5	104.0	103.1	106.0
Nondurables less food and beverages	100.4	102.0	104.3	102.5	105.5
Durables .....	99.5	103.4	103.7	104.5	107.2
Services .....	98.9	103.9	107.9	112.3	119.8
Medical care services .....	101.2	107.4	113.0	122.1	128.1
Special indexes:					
All items less shelter .....	99.6	103.3	106.3	107.7	112.2
All items less medical care .....	99.2	103.2	106.4	108.6	114.1
All items less energy .....	99.5	103.9	107.8	112.0	118.1
Energy .....	96.7	98.8	97.1	82.3	84.8
Commodities less food .....	100.0	102.5	104.2	103.5	106.2
Nondurables less food .....	100.4	102.1	104.6	103.0	105.8
Nondurables .....	99.9	102.9	106.2	106.6	110.2
Services less rent of shelter <sup>1/</sup> .....	101.3	105.8	109.2	112.6	119.0
Services less medical care .....	98.6	103.5	107.3	111.2	118.8

NA Not available.

<sup>1/</sup> December 1982=100.

Source: U.S. Bureau of Labor Statistics, tapes tabulated by Hawaii State Data Center.

Table 432.-- CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1983 TO 1987

[Unless otherwise specified, 1982-1984 average=100]

Group	1983	1984	1985	1986	1987
All items .....	99.8	104.3	107.9	110.3	115.9
Food and beverages .....	99.5	103.7	108.3	110.8	115.3
Food .....	99.4	103.8	108.2	110.8	115.6
Food at home .....	99.1	103.6	107.4	110.1	114.9
Cereals and bakery products .....	99.7	103.5	108.8	111.7	115.7
Meats, poultry, fish, and eggs ...	99.5	102.4	105.2	107.6	112.9
Meats, poultry, and fish .....	99.7	102.1	105.3	107.8	112.4
Dairy products .....	99.8	101.1	103.5	104.9	105.5
Fruits and vegetables .....	96.5	106.3	111.1	112.3	117.9
Other foods at home .....	99.6	104.7	109.1	113.3	119.0
Food away from home .....	100.0	104.6	108.8	111.8	116.1
Alcoholic beverages .....	100.3	102.6	108.5	111.3	111.1
Housing .....	100.1	104.9	108.6	111.0	117.4
Shelter .....	100.3	106.6	112.3	117.7	126.0
Renters' costs <u>1/</u> .....	(NA)	(NA)	102.8	108.2	113.2
Rent, residential .....	99.5	105.8	110.9	116.9	122.3
Other renters' costs .....	101.2	110.0	118.9	122.8	128.8
Homeowners' costs <u>1/</u> .....	(NA)	(NA)	103.3	108.4	116.9
Owners' equivalent rent <u>1/</u> .....	(NA)	(NA)	103.3	108.4	117.0
Fuel and other utilities .....	98.2	100.2	97.5	87.6	88.7
Fuels .....	95.4	97.7	93.1	75.3	77.7
Gas (piped) and electricity .....	95.4	97.7	93.0	75.1	77.5
Electricity .....	94.5	97.5	92.2	73.3	76.0
Utility (piped) gas .....	101.8	99.4	98.6	88.3	87.6
Household furnishings and operation ..	100.9	101.5	103.4	105.6	109.7
Apparel and upkeep .....	101.4	100.3	99.4	100.1	103.7
Apparel commodities .....	101.5	99.7	98.4	98.7	102.3
Men's and boys' apparel .....	100.3	101.1	104.9	107.6	116.6
Women's and girls' apparel .....	100.6	100.5	102.9	103.1	101.8
Footwear .....	100.0	101.8	103.0	100.8	100.4
Transportation .....	98.1	102.8	104.7	104.7	109.2
Private transportation .....	98.0	103.1	105.0	104.8	108.8
Motor fuel .....	97.9	99.7	100.7	88.5	90.9
Gasoline .....	98.0	99.9	100.8	88.5	91.0
Public transportation .....	99.0	99.9	101.8	103.6	110.2
Medical care .....	101.1	106.9	112.6	121.1	126.7
Entertainment .....	100.0	104.6	111.9	113.1	119.3
Other goods and services .....	101.7	106.6	112.5	119.1	128.7
Personal care .....	101.2	100.8	104.0	107.5	112.7

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Table 432.-- CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS, BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1983 TO 1987 -- Con.

Group	1983	1984	1985	1986	1987
All items .....	99.8	104.3	107.9	110.3	115.9
Commodities .....	99.8	103.3	106.4	107.0	110.7
Food and beverages .....	99.5	103.7	108.3	110.8	115.3
Commodities less food and beverages ..	100.0	103.0	105.4	104.5	107.4
Nondurables less food and beverages	100.3	102.1	104.3	102.2	105.4
Durables .....	99.6	103.8	106.2	107.4	110.0
Services .....	99.9	105.6	109.8	114.3	121.9
Medical care services .....	101.2	107.0	112.3	120.7	126.9
Special indexes:					
All items less shelter .....	99.6	103.2	106.3	107.8	112.4
All items less medical care .....	99.7	104.1	107.6	109.6	115.2
All items less energy .....	100.0	104.8	109.0	113.3	119.3
Energy .....	96.9	98.9	97.5	83.0	85.4
Commodities less food .....	100.0	103.0	105.6	104.7	107.5
Nondurables less food .....	100.3	102.1	104.6	102.8	105.7
Nondurables .....	99.8	103.0	106.5	107.1	111.0
Services less rent of shelter <sup>1/</sup> .....	(NA)	(NA)	101.0	104.1	110.5
Services less medical care .....	99.7	105.5	109.5	113.5	121.2

NA Not available.

<sup>1/</sup> December 1982=100.

Source: U.S. Bureau of Labor Statistics, tapes tabulated by Hawaii State Data Center.



Table 433.-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER  
PRICE INDEX FOR HONOLULU: DECEMBER 1987

[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 .....	20.193	21.416
Food .....	18.810	19.780
Food at home .....	11.868	12.065
Cereals and bakery products .....	1.599	1.831
Meats, poultry, fish, and eggs .....	3.826	4.129
Meats, poultry, and fish .....	3.556	3.789
Dairy products .....	1.002	.948
Fruits and vegetables .....	2.608	2.500
Other foods at home .....	2.833	2.657
Food away from home .....	6.942	7.714
Alcoholic beverages .....	1.383	1.636
Housing .....	42.091	39.236
Shelter .....	31.158	28.696
Renters' costs .....	8.927	9.021
Rent, residential .....	7.669	8.155
Other renters' costs .....	1.259	.866
Homeowners' costs .....	22.021	19.483
Owners' equivalent rent .....	21.773	19.307
Fuel and other utilities .....	4.605	4.905
Fuels .....	2.252	2.378
Fuel oil, coal, and bottled gas .....	.020	.025
Fuel oil .....	.001	.004
Other fuels .....	.019	.021
Gas (piped) and electricity .....	2.232	2.353
Electricity .....	2.034	2.066
Utility (piped) gas .....	.198	.287
Household furnishings and operations .....	6.329	5.636
Apparel and upkeep .....	5.560	5.825
Apparel commodities .....	5.231	5.478
Men's and boys' .....	1.372	1.503
Women's and girls' .....	2.372	2.447
Footwear .....	.749	.826

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Table 433.-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER  
PRICE INDEX FOR HONOLULU: DECEMBER 1987 -- Con.

Group	CPI-U <u>1/</u>	CPI-W <u>2/</u>
EXPENDITURE CATEGORY -- Con.		
Transportation .....	16.340	18.413
Private .....	14.506	16.990
Motor fuel .....	3.093	3.766
Public .....	1.834	1.422
Medical care .....	5.031	4.759
Entertainment .....	4.833	4.698
Other goods and services .....	5.953	5.653
Personal care .....	1.252	1.370
COMMODITY AND SERVICE GROUP		
All items .....	100.000	100.000
Commodities .....	43.410	47.041
Food and beverages .....	20.193	21.416
Commodities less food and beverages .....	23.217	25.626
Nondurables less food and beverages ...	14.421	15.688
Durables .....	8.796	9.938
Services .....	56.590	52.959
Medical care services .....	4.126	3.827
Special indexes:		
All items less shelter .....	68.842	71.304
All items less medical care .....	94.969	95.241
All items less energy .....	94.654	93.856
Energy .....	5.346	6.144
Commodities less food .....	24.600	27.262
Nondurables less food .....	15.804	17.324
Nondurables .....	34.614	37.104
Services less rent of shelter .....	25.906	24.647
Services less medical care .....	52.463	49.132

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 434.-- RETAIL FOOD PRICES, BY ITEM, FOR HONOLULU AND U.S. CITIES:  
JUNE 19, 1986 AND JUNE 4, 1987

[See headnote to table 435]

Item	Honolulu price (dollars)		Honolulu as percent of U.S. average	
	1986	1987	1986	1987
Milk, homogenized, 1/2 gal. ....	1.39*	3.35	116	160
Eggs, Grade A, large, 1 doz. ....	1.19	1.29*	165	179
Cheese, sharp, 10 oz. ....	2.69	2.50*	121	111
Margarine, 1 lb. ....	0.59	0.59	97	107
Bread, white, 24 oz. loaf ....	1.35	1.67	193	235
Flour, 5 lbs. ....	1.09*	1.29*	102	116
Cereal, Special K, 12 oz. ....	2.79	3.05	137	139
Sugar, 5 lbs. ....	1.85	1.59*	116	99
Instant coffee, 8 oz. jar ....	6.63	4.59	129	124
Beans, dry, 1 lb. ....	0.99	0.97	174	173
Rice, 2 lbs. ....	2.03	2.39	107	120
Mayonnaise, 1 qt. ....	1.69*	2.05	97	127
Peanut butter, 18 oz. jar ....	1.99*	2.19	114	102
Tuna, 6 1/2 oz. can ....	0.65*	0.69*	97	103
Cling peach halves, 29 oz. can ....	1.49	1.59	137	134
Pineapple, 20 oz. can ....	0.95	1.03	104	116
Ice cream, 1/2 gal. ....	2.19*	2.00	143	123
Applesauce, 25 oz. jar ....	(NA)	1.51	(NA)	148
Tomato soup, 10 3/4 oz. can ....	(NA)	0.50*	(NA)	143
Orange juice concentrate, 1/ ..	0.65	1.19*	123	137
Broccoli spears, 10 oz. pkg. ....	0.99	1.19	146	178
Roast, boneless, 1 lb. 2/ ..	2.39	2.89	115	116
Sirloin steak, 1 lb. 3/ ..	2.89	5.98	109	169
Ground beef, 1 lb. ....	1.69	1.69	146	129
Pork loin chops, 1 lb. ....	3.09	2.99	130	105
Ham, boneless, 1 lb. ....	1.69	1.15*	135	36
Bacon, regular slice, 1 lb. ....	1.99*	2.29*	94	105
Wieners, skinless, all meat, 1 lb. ..	1.49*	2.19*	84	127
Chicken, whole, Grade A, 1 lb. ....	0.79	0.75	118	110
Potatoes, 5 lbs. ....	1.89	1.80	167	113
Yellow summer squash, 1 lb. ....	(NA)	1.39	(NA)	193
Carrots, 1 lb. ....	0.49	0.49	120	126
Cabbage, 1 lb. ....	0.29	0.33*	104	110
Lettuce, 1 head ....	0.69	0.86	115	141
Bananas, 1 lb. ....	0.69	0.59*	177	144
Tomatoes, 1 lb. ....	0.69	0.69*	103	86
Tax on above items ....	2.29	2.53	-	-

Footnotes and source on next page.

Table 434.-- RETAIL FOOD PRICES, BY ITEM, FOR HONOLULU AND U.S. CITIES: JUNE 19, 1986 AND JUNE 4, 1987 -- Con.

\* Special sale price.  
 1/ 6 oz. can in 1986; 12 oz. can in 1987.  
 2/ Rump roast in 1986; sirloin tip roast in 1987.  
 3/ Bone in 1986; boneless in 1987.  
 Source: Honolulu Advertiser, July 29, 1986, p. B-1; Sunday Star-Bulletin and Advertiser, June 28, 1987, p. A-13, as corrected.

Table 435.-- RETAIL FOOD PRICES, FOR HONOLULU AND MAINLAND CITIES: 1979 TO 1987

[June data for a "market basket" of 35 or more 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. No survey was scheduled for 1988]

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	131.4	21	46.77
1986: June 19 .....	59.64	1	125.3	21	47.58
1987: June 4 .....	65.83	1	126.6	17	51.98

1/ Average prior to 1985 excluded Honolulu and Anchorage, both of which were 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; July 29, 1986, p. B-1; June 25, 1987, p. A-1, as corrected.

Table 436.-- RETAIL FOOD PRICE INDEXES, FOR KAUAI:  
1985 AND 1987

[Totals for a "market basket" of common food items priced in Kauai, Honolulu and a group of Mainland cities, comparable to surveys reported in the preceding table]

Date	Kauai index	
	Honolulu = 100	Mainland = 100
June 1985 .....	111	145
June 1987 .....	119	147

Source: Data from Kauai Office of Economic Development, reported in Honolulu Advertiser, August 21, 1985, p. A-7, and Sunday Star-Bulletin and Advertiser, August 30, 1987, p. B-4.

Table 437.-- COMPARATIVE ANNUAL LIVING COSTS IN HONOLULU AND  
SELECTED OTHER METROPOLITAN AREAS: 1988

[For a four-person suburban family with a standard of living requiring an income of \$50,000 in the median metropolitan area among the areas studied. Shown separately for the four costliest and two least costly areas]

Rank <u>1/</u>	Metropolitan area	Cost (dollars)	Index
1	Boston, MA .....	62,116	124.2
2	Bridgeport, CT .....	61,588	123.2
3	Honolulu, HI .....	58,403	116.8
4	San Diego, CA .....	55,195	110.4
...	"Standard City, U.S.A." .....	50,000	100.0
...	San Antonio, TX .....	44,661	89.3
...	Baton Rouge, LA .....	44,020	88.0

1/ Among reported areas.

Source: Study by Runzheimer International, Rochester, Wis, cited in Runzheimer News Release, August 29, 1988, and Pacific Business News, September 26, 1988, p. 4.

Table 438.-- 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).

Table 439.-- ANNUAL BUDGETS FOR THREE LEVELS OF LIVING FOR A FOUR-PERSON FAMILY AND A RETIRED COUPLE ON OAHU: AUTUMN 1981

[For trend data and detailed breakdowns, see Data Book 1983, pp. 372-376]

Budget level	Total budget (dollars)		Percent of U.S. urban average		Rank among 25 metro. areas	
	4-person family	Retired couple <u>1/</u>	4-person family	Retired couple	4-person family	Retired couple
Lower budget .....	20,319	8,665	133	120	2	2
Intermediate budget .....	31,893	12,157	126	119	1	2
Higher budget ....	50,317	17,576	132	117	1	2

1/ Excludes personal income taxes.

Source: U.S. Department of Labor, Bureau of Labor Statistics, Autumn 1981 Urban Family Budgets and Comparative Indexes for Selected Urban Areas (release USDL:82-139, April 16, 1982), and Three Budgets for a Retired Couple, Autumn 1981 (release USDL:82-266, July 30, 1982).

Table 440.-- COST OF RAISING A CHILD FROM BIRTH TO AGE 18: 1987

[In dollars. Moderate-cost level for a husband-wife family with no more than 5 children, living in the Western States]

Residence	18-year total	Annual average
Urban .....	106,784	5,932
Rural nonfarm .....	111,548	6,197

Source: U.S. Department of Agriculture, Family Economics Review, 1988, No. 2, pp. 36-37.