

## Section 14

# PRICES

This section presents indexes of consumer prices for Honolulu, the implicit price deflator for gross state product, and comparisons of Honolulu living costs with those in other urban areas. Other statistics on prices are reported in Sections 7, 16, 17, 18, 21, and 23.

The Honolulu Consumer Price Index has been compiled by the U.S. Bureau of Labor Statistics since December 1963. This index measures the average change in prices of goods and services purchased by urban households. Prices are expressed as a percent of the average levels reported in the base period, 1982-1984. Current data for Honolulu and other cities are published in *CPI Detailed Report*, issued monthly by BLS.

Official comparisons of Honolulu and Mainland living costs are no longer being made on a regular basis. The annual four-person family budgets estimated by the Bureau of Labor Statistics for Honolulu and the Mainland were discontinued after 1981. Unofficial 1982-1995 estimates by the Bank of Hawaii have recently been discontinued. A comparison of prices in Hawaii and Washington, D.C., compiled for the U.S. Office of Personnel Management as a basis for cost of living adjustments for Federal employees, was most recently published for 1990. These studies are subject to technical limitations and must be interpreted with considerable caution.

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 Hawaii 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 the *Statistical Abstract of the United States: 1996*, Section 15. Long-term trends for Hawaii are traced in *Historical Statistics of Hawaii*, Section 5.

**Table 14.01-- IMPLICIT PRICE DEFLATOR FOR EXPENDITURES ON GROSS  
STATE PRODUCT: 1958 TO 1995**

[1982 = 100 and 1987 = 100]

<b>Year</b>	<b>Deflator 1982 = 100</b>	<b>Deflator 1987 = 100</b>	<b>Year</b>	<b>Deflator 1982 = 100</b>	<b>Deflator 1987 = 100</b>
1958	34.1	28.5	1977	71.0	59.4
1959	33.9	28.4	1978	77.1	64.5
1960	34.4	28.8	1979	84.1	70.4
1961	35.9	30.1	1980	89.3	74.7
1962	35.9	30.1	1981	93.3	78.0
1963	37.5	31.4	1982	100.0	83.7
1964	37.3	31.2	1983	104.2	87.2
1965	37.7	31.5	1984	108.1	90.5
1966	39.1	32.7	1985	111.7	93.5
1967	40.8	34.1	1986	114.3	95.6
1968	42.2	35.3	1987	119.5	100.0
1969	44.4	37.1	1988	125.8	105.3
1970	47.3	39.6	1989	132.2	110.6
1971	48.7	40.7	1990	140.6	117.7
1972	50.7	42.4	1991	149.4	125.0
1973	54.7	45.8	1992	156.6	131.0
1974	63.0	52.8	1993	160.7	134.5
1975	63.9	53.5	1994	164.8	137.8
1976	67.5	56.5	1995	167.8	140.5

Source: Hawaii State Department of Business and Economic Development, *Hawaii Gross State Product Accounts: 1958-1988* (June 1989), tables 1-A and 1-5, and records.

**Table 14.02-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER, FOR U.S. AND HONOLULU: ANNUAL AVERAGES, 1940 TO 1996**

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

Year	Honolulu		U.S.	
	CPI-U	CPI-W	CPI-U	CPI-W
1940	14.7	14.5	14.0	14.1
1941	15.5	15.3	14.7	14.8
1942	17.6	17.4	16.3	16.4
1943	18.9	18.7	17.3	17.4
1944	19.2	19.0	17.6	17.7
1945	19.7	19.5	18.0	18.1
1946	21.0	20.8	19.5	19.6
1947	24.4	24.1	22.3	22.5
1948	25.7	25.4	24.1	24.2
1949	25.2	24.9	23.8	24.0
1950	24.3	24.0	24.1	24.2
1951	25.7	25.4	26.0	26.1
1952	26.5	26.2	26.5	26.7
1953	26.7	26.4	26.7	26.9
1954	26.9	26.6	26.9	27.0
1955	27.3	27.0	26.8	26.9
1956	27.7	27.4	27.2	27.3
1957	28.6	28.3	28.1	28.3
1958	30.0	29.6	28.9	29.1
1959	30.5	30.1	29.1	29.3
1960	31.3	30.9	29.6	29.8
1961	32.1	31.7	29.9	30.1
1962	32.8	32.4	30.2	30.4
1963	33.5	33.1	30.6	30.8
1964	33.7	33.3	31.0	31.2
1965	34.4	33.9	31.5	31.7
1966	35.3	34.8	32.4	32.6
1967	36.3	35.8	33.4	33.6
1968	37.7	37.2	34.8	35.0
1969	39.4	38.8	36.7	36.9

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**Table 14.02-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER, FOR U.S. AND HONOLULU: ANNUAL AVERAGES, 1940 TO 1996 -- Con.**

Year	Honolulu		U.S.	
	CPI-U	CPI-W	CPI-U	CPI-W
1970	41.5	40.9	38.8	39.0
1971	43.2	42.6	40.5	40.7
1972	44.6	44.0	41.8	42.1
1973	46.6	45.9	44.4	44.7
1974	51.5	50.8	49.3	49.6
1975	56.3	55.5	53.8	54.1
1976	59.1	58.3	56.9	57.2
1977	62.1	61.2	60.6	60.9
1978	66.9	65.9	65.2	35.6
1979	74.3	73.2	72.6	73.1
1980	83.0	81.9	82.4	82.9
1981	91.7	90.5	90.9	91.4
1982	97.2	96.0	96.5	96.9
1983	99.3	99.8	99.6	99.8
1984	103.5	104.3	103.9	103.3
1985	106.8	107.9	107.6	106.9
1986	109.4	110.3	109.6	108.6
1987	114.9	115.9	113.6	112.5
1988	121.7	122.8	118.3	117.0
1989	128.7	129.7	124.0	122.6
1990	138.1	138.9	130.7	129.0
1991	148.0	148.9	136.2	134.3
1992	155.1	155.9	140.3	138.2
1993	160.1	160.7	144.5	142.1
1994	164.5	164.7	148.2	145.6
1995	168.1	168.4	152.4	149.8
1996	170.7	171.0	156.9	154.1

Source: For Honolulu: 1940-1963 from surveys by Eugene Danaher and Hawaii State Department of Labor and Industrial Relations, cited in Hawaii State Department of Planning and Economic Development, *The Honolulu Consumer Price Index, 1940-1986* (Statistical Report 187, May 30, 1986), as shifted to 1982-1984 base. 1987-1996: U. S. Department of Labor, Bureau of Labor Statistics, CPI-U and CPI-W, All Items, Historical Series, Honolulu, HI; BLS FAXSTAT 9225, August 13, 1996; and for 1995-96, BLS FAXSTAT Codes 2265 and 9225; and <http://stats.bls.gov/special.requests/sanfrancisco/cpihono.txt> (February 19, 1997). For the U.S., <http://stats.bls.gov/cgi-bin/surveymost> (March 19, 1997).

**Table 14.03-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY  
TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUALLY, 1984 TO 1996**

[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	121.7	120.1	123.4	122.8	121.1	124.5
1989	128.7	126.4	131.1	129.7	127.4	132.0
1990	138.1	135.5	140.8	138.9	136.3	141.6
1991	148.0	146.8	149.1	148.9	147.7	150.1
1992	155.1	153.9	156.4	155.9	154.6	157.2
1993	160.1	158.6	161.6	160.7	159.4	162.0
1994	164.5	163.4	165.7	164.7	163.5	165.8
1995	168.1	166.9	169.4	168.4	167.2	169.7
1996	170.7	170.5	171.0	171.0	170.8	171.2

Source: U.S. Bureau of Labor Statistics, CPI-U and CPI-W, All Items, Historical Series, Honolulu, HI, FAXSTAT 9225, February 19, 1997.

**Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS  
(CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE  
GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1991 TO 1996**

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

<b>Group</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>
All items	148.0	155.1	160.1	164.5	168.1	170.7
Food and beverages	145.9	148.5	152.9	153.4	156.8	156.6
Food	145.9	148.3	152.7	153.2	157.0	156.6
Food at home	152.8	155.0	158.0	157.8	162.1	159.5
Cereals and bakery products	159.5	163.3	166.0	163.5	168.4	170.8
Meats, poultry, fish, and eggs	154.5	157.3	154.5	137.9	136.0	135.6
Meats, poultry, and fish	155.5	159.1	156.0	138.1	135.8	135.1
Dairy products	125.6	128.2	130.3	132.4	133.8	139.4
Fruits and vegetables	175.8	172.9	181.0	192.3	201.2	194.9
Other foods at home	138.2	143.2	150.6	164.0	173.4	165.1
Food away from home	133.6	137.8	141.9	146.4	149.2	150.8
Alcoholic beverages	144.4	151.1	155.0	155.8	152.3	156.2
Housing	152.8	161.7	166.5	171.6	174.7	176.8
Shelter	169.3	179.6	183.5	188.7	191.7	193.5
Renters' costs 1/	174.6	185.2	190.4	195.6	197.9	200.3
Rent, residential	165.5	175.8	181.4	185.9	187.0	187.3
Other renters' costs	191.0	201.9	203.1	212.0	220.9	235.3
Homeowners' costs 1/	175.1	185.8	188.9	194.6	197.8	199.3
Owners' equivalent rent 1/	176.0	186.8	189.9	195.6	198.9	200.4
Fuel and other utilities	101.3	106.1	117.5	121.3	128.4	133.8
Fuels	85.6	90.0	102.6	101.9	111.6	115.9
Gas (piped) and electricity	84.9	89.4	101.8	101.1	110.8	115.2
Electricity	83.2	88.0	101.6	101.0	111.1	114.5
Utility (piped) gas	99.0	98.8	96.8	94.2	98.9	114.7
Household furnishings and operation	130.7	137.3	140.0	145.6	146.0	146.4
Apparel and upkeep	110.5	114.2	116.5	118.7	117.5	118.5
Apparel commodities	107.8	111.1	113.2	115.3	114.0	115.0
Men's and boys' apparel	126.7	131.8	135.8	149.8	152.1	149.0
Women's and girls' apparel	98.3	100.5	103.8	95.9	94.6	95.2
Footwear	102.5	104.7	98.0	98.2	94.4	96.8
Transportation	139.3	147.4	150.5	156.4	162.4	167.0
Private transportation	141.0	149.8	152.1	156.7	162.8	168.2
Motor fuel	113.2	117.5	121.3	123.1	125.5	131.9
Gasoline	115.1	119.6	124.1	126.0	128.4	134.9
Unleaded, regular	(NA)	(NA)	(NA)	(NA)	(NA)	141.4
Unleaded midgrade 2/	(NA)	(NA)	(NA)	(NA)	(NA)	105.9
Unleaded, premium	(NA)	(NA)	(NA)	(NA)	(NA)	123.8
Public transportation	125.0	128.3	137.1	152.5	158.4	156.0

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**Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1991 TO 1996 -- Con.**

Group	1991	1992	1993	1994	1995	1996
Medical care	171.3	182.6	197.4	206.0	209.8	215.0
Entertainment	134.3	136.3	138.3	142.3	144.2	147.8
Other goods and services	175.7	189.0	200.1	209.6	216.8	226.5
Personal care	144.8	153.3	158.6	162.9	165.8	169.4
All items	148.0	155.1	160.1	164.5	168.1	170.7
Commodities	134.9	138.5	141.4	142.9	145.1	146.3
Food and beverages	145.9	148.5	152.9	153.4	156.8	156.6
Commodities less food and beverages	126.1	130.5	132.1	134.5	135.8	138.1
Nondurables less food and beverages	127.4	133.2	136.8	138.6	139.6	142.2
Durables	124.4	126.5	124.9	128.2	130.0	131.8
Services	159.6	169.9	176.6	183.5	188.3	192.1
Medical care services	173.1	183.6	199.1	208.0	211.7	216.7
Special indexes:						
All items less shelter	139.6	145.6	150.9	155.0	158.9	161.8
All items less medical care	146.6	153.5	158.0	162.2	165.8	168.3
All items less energy	152.7	160.2	164.9	169.7	173.1	175.5
Energy	100.2	104.6	112.6	113.2	119.0	124.4
All items less food and energy						180.5
Commodities less food	127.0	131.4	133.2	135.5	136.6	138.9
Nondurables less food	128.6	134.3	138.0	139.8	140.3	143.0
Nondurables	137.7	141.6	145.7	146.8	149.1	150.1
Services less rent of shelter 1/	150.3	160.9	171.0	179.9	186.8	192.9
Services less medical care	158.1	168.3	174.4	181.1	186.0	189.7

1/ Indexes on a December 1982=100.

2/ Indexes on a December 1993=100 base.

Source: U.S. Bureau of Labor Statistics, *CPI Detailed Report* (monthly), CPI-U and CPI-W, All Items, Historical Series, Honolulu, HI; BLS FAXSTAT 9225, August 13, 1996; and for 1995-96, BLS FAXSTAT Codes 2265 and 9225; and <http://stats.bls.gov/special.requests/sanfrancisco/cpihono.txt>, February 19, 1997.

**Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX FOR HONOLULU: DECEMBER 1995**

[Percent of all items]

Group	CPI-U 1/	CPI-W 2/
EXPENDITURE CATEGORY		
All items	100.000	100.000
Food and beverages	19.317	20.301
Food	18.021	18.754
Food at home	11.793	11.786
Cereals and bakery products	1.524	1.743
Meats, poultry, fish, and eggs	3.223	3.486
Meats, poultry, and fish	3.001	3.203
Dairy products	.874	.839
Fruits and vegetables	3.258	2.983
Other foods at home	2.914	2.735
Food away from home	6.228	6.967
Alcoholic beverages	1.296	1.548
Housing	43.149	40.262
Shelter	32.523	30.047
Renters' costs	9.473	9.560
Rent, residential	7.999	8.552
Other renters' costs	1.474	1.008
Homeowners' costs	22.806	20.299
Owners' equivalent rent	22.631	20.176
Fuel and other utilities	4.684	5.022
Fuels	2.286	2.414
Fuel oil, and other household fuel	.023	.028
Fuel oil	.001	.005
Other household fuel commodities	.021	.023
Gas (piped) and electricity	2.263	2.386
Electricity	2.091	2.136
Utility (piped) gas	.172	.250
Household furnishings and operation	5.942	5.194
Apparel and upkeep	4.296	4.544
Apparel commodities	3.970	4.204
Men's and boys' apparel	1.285	1.443
Women's and girls' apparel	1.453	1.506
Footwear	.452	.508

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**Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX FOR HONOLULU: DECEMBER 1995 -- Con.**

Group	CPI-U 1/	CPI-W 2/
EXPENDITURE CATEGORY -- Con.		
Transportation	16.534	18.612
Private transportation	14.879	17.287
Motor fuel	2.844	3.481
Public transportation	1.655	1.325
Medical care	5.833	5.693
Entertainment	4.030	3.917
Other goods and services	6.840	6.670
Personal care	1.281	1.402
COMMODITY AND SERVICE GROUP		
All items	100.000	100.000
Commodities	39.740	42.929
Food and beverages	19.317	20.301
Commodities less food and beverages	20.423	22.628
Nondurables less food and beverages	13.025	14.393
Durables	7.398	8.235
Services	60.260	57.071
Medical care services	4.813	4.643
Special indexes:		
All items less shelter	67.477	69.953
All items less medical care	94.167	94.307
All items less energy	94.871	94.105
All items less food and energy	76.850	75.352
Energy	5.129	5.895
Commodities less food	21.719	24.176
Nondurables less food	14.321	15.940
Nondurables	32.342	34.694
Services less rent of shelter	28.167	27.347
Services less medical care services	55.447	52.428

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, *Relative Importance of Components in the Consumer Price Index, 1995, Bulletin 2476*, February 1996 (pg. 17).

**Table 14.06-- EXPENDITURES ON A CHILD FROM BIRTH TO AGE 18: 1993**

[In dollars. Data pertain to husband-wife families living in urban areas in the Western States]

Family income level	Income range	Expenditures on a child	
		18-year total	Annual average
Lower income level	<32,100	107,040	5,947
Middle income level	32,100 - 54,400	142,680	7,927
Higher income level	>54,400	201,570	11,198

Source: U.S. Department of Agriculture, *Family Economics Review*, Vol. 7, No. 3, 1994, p.14.

**Table 14.07-- ANNUAL INTERMEDIATE BUDGET FOR A FOUR-PERSON  
FAMILY ON OAHU: 1971 TO 1995**

<b>Year</b>	<b>Dollars</b>	<b>Percent of urban U.S.</b>	<b>Year</b>	<b>Dollars</b>	<b>Percent of urban U.S.</b>
1971	13,108	119.5	1984	35,484	124.4
1972	13,617	119.0	1985	36,926	122.7
1973	14,937	118.3	1986	38,437	123.2
1974	17,019	118.8	1987	41,790	126.7
1975	18,107	117.0	1988	44,414	129.2
1976	19,036	117.2	1989	47,950	130.7
1977	20,883	122.1	1990	52,139	134.1
1978	23,099	124.0	1991	55,009	136.3
1979	25,799	125.7	1992	57,345	138.8
1980	28,488	123.1	1993 1/	59,129	138.7
1981	31,893	125.5	1994 1/	59,412	135.6
1982	33,403	124.5	1995 1/	60,689	135.1
1983	33,890	124.3			

1/ Preliminary.

Source: U.S. Bureau of Labor Statistics, annual releases for 1971-81; 1982-95 estimates by Paul Brewbaker, Bank of Hawaii Economics Department.

Note: Updates of this series have been discontinued by the Bank of Hawaii.

**Table 14.08-- ANNUAL INTERMEDIATE BUDGETS, BY ITEM, FOR A FOUR-PERSON FAMILY IN THE UNITED STATES AND ON OAHU: 1981 AND 1995**

[Hypothetical budgets for a family of specified characteristics, based on 1972-1973 expenditure patterns as updated by the consumer price index and current tax rates. The 1981 values are official estimates published by the U.S. Bureau of Labor Statistics; the 1995 values are preliminary unofficial estimates prepared by the Bank of Hawaii, using comparable assumptions and methodology. Users of these estimates should bear in mind the limitations imposed by the underlying assumptions and methods]

Item	Urban United States (dollars)		Oahu (dollars)		Oahu as percent of urban U.S.	
	1981	1995	1981	1995	1981	1995
Total budget	25,409	44,922	31,893	60,689	125.5	135.1
Consumption	18,242	32,022	21,530	40,059	118.0	125.1
Food	5,843	9,315	7,626	13,150	130.5	141.2
Food at home	4,866	7,658	6,649	11,492	136.6	150.1
Food away from home	977	1,657	977	1,659	100.0	100.1
Housing	5,547	9,603	6,493	12,195	117.1	127.0
Homeowner shelter costs	4,886	8,915	5,467	10,837	111.9	121.6
Renter shelter costs	2,732	5,168	3,991	7,257	146.1	140.4
Housefurnishings and operations	1,199	1,625	1,395	2,253	116.3	138.7
Transportation	2,372	3,625	2,421	4,004	102.1	110.4
Clothing	1,333	1,846	1,432	1,803	107.4	97.7
Personal care	508	831	590	1,113	116.1	133.8
Medical care	1,443	3,821	1,590	4,085	110.2	106.9
Other family consumption 1/	1,196	2,980	1,378	3,711	115.2	124.5
Other items 2/	1,021	1,721	1,137	2,086	113.6	121.2
Social Security payments	1,703	3,483	2,049	4,554	120.3	130.8
Personal income taxes 3/	4,443	7,422	7,177	13,600	161.5	183.3

1/ Reading, recreation, tobacco products, alcoholic beverages, education, and miscellaneous expenditures.

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

3/ 1995 values based on 1992 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, 1981); 1995 estimates by Paul H. Brewbaker, Economics Department, Bank of Hawaii, in "Hawaii's Cost of Living in 1990: Urban Four-Person Family Budgets at an Intermediate Standard of Living" (1991), as updated to 1995.

Note: Updates of this series have been discontinued by the Bank of Hawaii.

**Table 14.09-- COST OF LIVING INDEX FOR HILO: 1990 AND 1991**

[Hilo living costs as a percent of average costs in 308 participating urban areas]

Component	Weight (percent)		Index	
	2nd qtr. 1990	4th qtr. 1991 1/	2nd qtr. 1990	4th qtr. 1991 1/
Composite index	100	100	132.5	136.7
Grocery items	17	13	140.7	153.5
Housing	22	28	162.3	172.3
Utilities	11	9	102.0	101.2
Transportation	13	10	127.2	136.7
Health care	7	5	110.7	123.5
Miscellaneous goods and services	30	35	124.6	117.2

1/ Most recent quarter surveyed. Hilo discontinued its participation in this survey after the fourth quarter of 1991.

Source: American Chamber of Commerce Researchers Association (ACCRA), *Cost of Living Index* (quarterly), provided by Institute for Business and Economic Studies, University of Hawaii at Hilo.

**Table 14.10-- COMPARATIVE LIVING COSTS FOR HONOLULU AND OTHER METROPOLITAN AREAS: MARCH-APRIL 1995**

[Based on a survey of 400 metropolitan areas. Data exclude housing, transportation, and personal income taxes]

<b>Rank</b>	<b>Metropolitan area</b>	<b>Index 1/</b>
1	New York, N.Y. (Manhattan only) 2/	132.1
2	Honolulu, Hawaii 2/	120.5
3	Washington, D.C.	113.0
4	Anchorage, Alaska	108.0
5	Los Angeles, California	108.0
...	U.S. median	100.0
400	Billings, Montana	91.6

1/ Percent of U.S. median.

2/ For the entire New York MSA, the index was lower than that of Honolulu.

Source: Runzheimer International, cited in *Honolulu Star-Bulletin*, November 14, 1995, p. B-1, and *The Honolulu Advertiser*, November 15, 1995, p. D1.

**Table 14.11-- INDEXES OF EXECUTIVE LIVING COSTS IN SELECTED  
MAJOR CITIES WORLDWIDE: MARCH 1992**

[Honolulu = 100]

City	General index	City	General index
Honolulu	100	San Francisco	109
Chicago	111	Seattle	93
Hong Kong	135	Singapore	117
Los Angeles	109	Sydney	117
Manila	75	Taipei	153
New York	124	Tokyo	211

Source: Business International, *Business International Cost of Living* (London, 1992), report for Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.12-- COMPARATIVE PRICES OF SELECTED GOODS AND SERVICES, FOR HONOLULU AND TEN OTHER CITIES: 1995**

[Dollars]

Item	Honolulu	11 cities 1/		
		Median	Lowest	Highest
Fast food (1 meal)	4.33	4.84	2.69	7.20
Cigarettes (carton)	19.88	24.65	12.13	36.56
Beer (6-pack)	4.87	5.02	2.63	13.31
Men's jeans	31.63	63.73	31.63	112.51
Woman's blouse	32.66	47.88	32.28	139.26
Aspirin (100)	7.82	7.82	1.78	36.57
Taxi (airport to downtown)	19.69	16.05	1.68	39.86

1/ Frankfurt, Hong Kong, Honolulu, London, Los Angeles, Mexico City, Paris, Singapore, Sydney, Tokyo, and Toronto.

Source: Runzheimer International, cited in *The Honolulu Advertiser*, July 29, 1995, p. A3.

**Table 14.13-- COST OF LIVING INDEXES AND PAY DIFFERENTIALS FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTIES: 1990-1993**

Allowance category 1/	City and Co. of Honolulu	Kauai County	Maui County	Hawaii County
INDEXES 2/				
"Part 1" methodology:				
Local pricing	120.39	116.08	119.58	104.86
Exchange and commissary	115.00	...	...	...
"Part 2" methodology:				
Local pricing	119.45	114.90	118.31	104.36
Exchange and commissary	114.34	...	...	...
ALLOWANCE RATES 3/				
Local retail	22.5	17.5	20.0	15.0
Commissary, exchange	12.5	17.5	...	...

1/ Based on access to military commissary and exchange facilities. "Local retail" refers to Federal employees who purchase goods and services from private retail establishments; "commissary, exchange," to Federal employees who have unlimited access to and who use military commissary and exchange facilities.

2/ Washington, D.C., living costs=100. Based on a survey of comparative costs for Federal employees in June-September 1990. Indexes were calculated by two different methods.

3/ Authorized allowance rate, expressed as a percentage differential, effective February 15, 1990 and reaffirmed January 8, 1993.

Source: U.S. Office of Personnel Management, "Nonforeign Area Cost-of-Living Allowances," *Federal Personnel Manual System*, FPM Letter 591-51 (1990), "Cost-of-Living Allowances and Post Differentials (Nonforeign Areas); Advance Notice of Proposed Rulemaking; Proposed Rule," *Federal Register*, Vol. 56 No. 38, Part II, February 26, 1991, pp. 7902-7986, at pp. 7902-7903; and "Cost-of-Living Allowances and Post Differentials (Nonforeign Areas); Final Rule," *Federal Register*, Vol. 57, No. 237, December 9, 1992, pp. 58123-58124.