

Section 13

INCOME, EXPENDITURES, AND WEALTH

This section presents statistics on two different aspects of income and expenditures, one relating to the state income and product system and the other to the distribution of income to families, households and individuals. Specifically, information is given on gross state product, income by industry, personal, family and household income, poverty, personal wealth, and family expenditures. Data on wage rates, salaries, and earnings appear in Sections 3, 9, 12, and 22; on industrial payrolls, in Sections 12, 15, and 20 through 23; on the family income of visitors, in Section 7; on retirement payments and public assistance, in Sections 10 and 11; on taxable income, in Section 9.

Gross state product in 1994 was about \$32 billion. The major sources of outside income to Hawaii in 1994 were defense expenditures (\$3.7 billion), pineapple production (\$134 million), sugar production (\$248 million), and visitor expenditures (\$10.6 billion). Personal income in 1995 was \$29 billion, compared with \$15 billion only ten years earlier, and per capita personal income was \$24,700, or 73 percent above the 1985 level. The per capita figure for Hawaii was 9 percent over the national average, reflecting in part the Islands' higher cost of living. The median annual income of households, based on data for 1994, was \$42,000, third highest of the 50 States. The official poverty threshold for a 4-person family in Hawaii was set in February 1995 at \$17,430. In 1994, 8.7 percent of all Island residents were below the U.S. poverty level. A family expenditure survey taken in 1992 and 1993, reported that the largest items in the family budget on Oahu were housing (accounting for 31 percent of total spending), food (18 percent), and transportation (14 percent). Top wealthholders in 1989 included 22,300 persons with assets of \$600,000 or more.

The chief sources of data shown in this section are the U.S. Bureau of Economic Analysis, U.S. Bureau of the Census, U.S. Bureau of Labor Statistics, U.S. Department of Health and Human Services, Internal Revenue Service, Hawaii Agricultural Statistics Service, Hawaii State Department of Business, Economic Development & Tourism, and Hawaii Visitors Bureau. Sections 6 and 7 of *Historical Statistics of Hawaii* present data for earlier years. Comparable data for the country as a whole are given in *Statistical Abstract of the United States: 1995*, Section 14.

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:
1974 TO 1994**

[In millions of dollars]

Year	Value of production		Defense expenditures <u>2/</u>	Visitor expenditures <u>3/</u>
	Raw sugar and molasses <u>1/</u>	Fresh and processed pineapple		
1974.....	676.6	127.1	1,311.8	1,225
1975.....	366.1	136.7	1,442.1	1,360
1976.....	257.0	144.5	1,499.2	1,640
1977.....	226.8	161.6	1,576.1	1,845
1978.....	285.2	162.8	1,644.5	2,146
1979.....	345.7	206.4	1,707.7	2,537
1980.....	594.1	226.5	1,865.4	2,875
1981.....	327.9	217.6	2,041.2	3,200
1982.....	351.5	206.0	2,385.3	3,700
1983.....	410.2	219.0	2,566.5	3,974
1984.....	393.0	249.6	2,653.0	4,582
1985.....	340.8	222.5	3,054.9	5,244
1986.....	361.9	238.4	3,031.4	6,104
1987.....	335.9	251.4	3,023.6	6,868
1988.....	324.0	247.0	3,145.6	8,528
1989.....	322.0	241.9	3,269.3	9,282
1990.....	328.9	215.9	3,335.8	9,739
1991.....	270.7	224.6	3,649.9	10,634
1992.....	237.6	197.7	3,833.9	9,559
1993.....	251.9	140.6	3,716.7	8,678
1994.....	247.9	134.1	3,670.7	10,603

1/ Excludes government sugar support payments.

2/ For alternate estimates, see *Data Book 1992*, table 319. The 1985-1992 figures are revisions.

3/ Direct visitor expenditures in Hawaii, exclusive of transpacific transportation and expenditures of carriers and crews. Estimates for 1984 and earlier years also exclude additional business expenditures by MCI (meetings, conventions, and incentive) visitors.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaiian Agriculture* (annual) and records; data from DBEDT GSP accounts, cited in *Data Book 1992*, table 319, as revised and updated; Hawaii Visitors Bureau, estimates cited in present report, table 7.21.

Table 13.02-- GROSS STATE PRODUCT AND PER CAPITA GROSS STATE PRODUCT: 1974 TO 1994

[For 1958-1973 data, see *Data Book 1991*, table 373]

Year	Gross state product		Per capita gross state product	
	Millions of current dollars	Millions of 1982 dollars	Current dollars	1982 dollars
1974.....	6,901.7	10,948.5	7,951	12,614
1975.....	7,411.3	11,596.6	8,363	13,086
1976.....	7,933.4	11,746.4	8,774	12,991
1977.....	8,597.4	12,103.3	9,363	13,181
1978.....	9,627.6	12,482.9	10,335	13,400
1979.....	10,906.4	12,972.1	11,441	13,608
1980.....	12,225.7	13,690.5	12,623	14,136
1981.....	13,078.3	14,022.5	13,370	14,335
1982.....	13,691.0	13,691.0	13,776	13,776
1983.....	14,811.8	14,210.0	14,626	14,032
1984.....	15,826.5	14,637.3	15,397	14,240
1985.....	17,139.7	15,344.4	16,485	14,758
1986.....	18,483.0	16,170.6	17,573	15,374
1987.....	20,027.3	16,759.3	18,754	15,694
1988.....	22,324.0	17,745.7	20,674	16,434
1989.....	24,574.7	18,589.0	22,451	16,982
1990.....	27,033.6	19,227.3	24,291	17,277
1991.....	28,608.6	19,149.0	25,232	16,889
1992.....	30,083.3	19,296.5	26,091	16,736
1993.....	31,106.9	19,357.1	26,690	16,608
1994.....	31,947.9	19,350.6	27,107	16,418

Source: Hawaii State Department of Business and Economic Development, *Hawaii Gross State Product Accounts: 1958 to 1985; Summary Estimates: 1986, 1987, and 1988* (June 1989), table 1-6, as revised and updated.

**Table 13.03-- GROSS STATE (DOMESTIC) PRODUCT, 1977 TO 1992, AND
BY INDUSTRY, 1991 AND 1992**

Year	Total <u>1/</u>	Year	Total <u>1/</u>	Year	Total <u>1/</u>
1977	8,783	1983	15,506	1988	23,993
1978	9,772	1984	16,687	1989	26,495
1979	11,036	1985	17,985	1990	29,087
1980	12,351	1986	19,621	1991	31,115
1981	13,215	1987	21,354	1992	33,203
1982	14,125				

Industry	Amount <u>2/</u>		Percent	
	1991	1992	1991	1992
Total, all industries	26,301	27,185	100.0	100.0
Farms	304	292	1.2	1.1
Agric. services, forestry, fisheries	169	180	0.6	0.7
Mining	25	32	0.1	0.1
Construction	1,745	1,791	6.6	6.6
Manufacturing	989	997	3.8	3.7
Transportation, communication, utilities	2,857	3,142	10.9	11.6
Wholesale trade	1,095	1,144	4.2	4.2
Retail trade	3,479	3,586	13.2	13.2
Finance, insurance, real estate	4,896	5,067	18.6	18.6
Services	5,712	5,819	21.7	21.4
Federal government:				
Civilian	1,100	1,138	4.2	4.2
Military	1,847	1,792	7.0	6.6
State and local government	2,084	2,204	7.9	8.1

1/ Millions of current dollars.

2/ Millions of 1987 dollars.

Source: U.S. Bureau of Economic Analysis, "Gross State Product, 1991-1992," *Survey of Current Business*, May 1995, pp. 47-56, and BEA diskette tabulated by DBEDT.

Table 13.04-- TOTAL AND PER CAPITA PERSONAL INCOME AND DISPOSABLE PERSONAL INCOME: 1969 TO 1995

[Data for 1991-1993 are revisions]

Year	Personal income (millions of dollars)		Per capita personal income (dollars)		Per capita personal income as percent of U.S average	
	Total	Disposable	Total	Disposable	Total	Disposable
1969.....	3,295	2,789	4,435	3,753	116	115
1970.....	3,770	3,214	4,942	4,212	122	120
1971.....	4,058	3,515	5,126	4,440	119	118
1972.....	4,468	3,816	5,462	4,665	117	116
1973.....	4,970	4,259	5,904	5,059	114	112
1974.....	5,721	4,933	6,666	5,749	118	118
1975.....	6,149	5,425	7,026	6,200	116	116
1976.....	6,655	5,822	7,458	6,524	113	113
1977.....	7,203	6,258	7,866	6,833	108	108
1978.....	8,016	6,922	8,630	7,452	106	106
1979.....	9,087	7,821	9,564	8,232	106	106
1980.....	10,431	8,991	10,774	9,286	108	108
1981.....	11,243	9,676	11,494	9,892	104	105
1982.....	11,933	10,486	12,007	10,551	104	106
1983.....	13,117	11,422	12,951	11,278	106	106
1984.....	13,969	12,314	13,588	11,979	102	103
1985.....	14,910	13,013	14,339	12,514	101	102
1986.....	16,055	14,062	15,263	13,368	102	103
1987.....	17,182	14,820	16,087	13,876	103	103
1988.....	18,924	16,239	17,522	15,036	105	104
1989.....	20,957	17,600	19,146	16,079	108	105
1990.....	23,266	19,691	20,906	17,693	112	109
1991.....	24,545	20,889	21,648	18,424	113	110
1992.....	26,100	22,390	22,637	19,419	112	110
1993.....	27,466	23,670	23,566	20,308	113	112
1994.....	28,335	24,326	24,042	20,641	111	109
1995.....	29,359	25,109	24,738	21,157	109	107

Source: U.S. Department of Commerce, Bureau of Economic Analysis, *Commerce News* BEA 96-10 dated April 25, 1996.

Table 13.05-- ECONOMIC ESTIMATES AND PROJECTIONS: 1978 TO 2045

Year	Gross state product (millions of 1987 dollars)	Personal income		Total earnings (millions of 1987 dollars)	Total employment (thousands of jobs)
		Total (millions of 1987 dollars)	Per capita (1987 dollars)		
Historical estimates:					
1978	16,916.8	13,205.3	14,199	10,408.0	526.0
1983	18,557.5	15,128.7	14,935	11,407.2	581.8
1993	<u>1/</u> 27,184.7	21,381.0	18,345	16,442.7	745.9
Projections:					
1998	30,643.1	24,029.1	19,298	18,382.7	807.0
2000	32,012.0	25,361.5	19,797	19,430.6	836.4
2005	35,235.0	28,180.9	20,806	21,425.2	891.8
2010	38,384.6	30,998.4	21,724	23,343.1	937.9
2015	41,314.2	33,774.1	22,496	25,099.9	972.2
2025	46,705.0	39,328.6	23,862	28,272.7	1,010.0
2045	61,092.1	52,541.2	28,041	36,531.5	1,112.2

1/ 1992 estimate.

Source: U.S. Bureau of Economic Analysis, *BEA Regional Projections to 2045*, Vol. 1, *States* (July 1995), pp. 69-71.

Table 13.06-- PERSONAL INCOME BY MAJOR SOURCES: 1989 TO 1995

[In millions of dollars.]

Item	1989	1990	1991	1992	1993	1994	1995
LABOR AND PROPRIETORS INCOME							
By type:							
Wage and salary disbursements	12,998	14,448	15,338	16,368	16,621	16,793	17,096
Other labor income	1,158	1,315	1,500	1,648	1,783	1,862	1,926
Proprietors income	2,210	2,187	2,241	2,593	2,876	3,011	3,129
Farm	55	28	4	8	12	15	16
Nonfarm	2,155	2,159	2,237	2,584	2,863	2,996	3,113
By industry:							
Farm	243	247	221	229	224	229	236
Nonfarm	16,122	17,702	18,858	20,379	21,055	21,437	21,914
Private	12,013	13,297	14,118	15,268	15,838	16,127	16,567
Government and government enterprises	4,109	4,406	4,740	5,111	5,217	5,310	5,347
Federal, civilian	1,086	1,114	1,118	1,194	1,217	1,253	1,293
Federal military	1,338	1,401	1,534	1,613	1,558	1,528	1,485
State and local	1,686	1,891	2,088	2,304	2,443	2,530	2,570
DERIVATION OF PERSONAL INCOME							
Labor and proprietors income	16,365	17,949	19,079	20,607	21,279	21,665	22,150
Less: Personal contributions for social insurance	984	1,075	1,149	1,210	1,245	1,290	1,324
Net labor and proprietors income	15,382	16,874	17,930	19,397	20,035	20,376	20,826
Plus: Dividends, interest, and rent	2,976	3,298	3,435	3,120	3,524	3,716	3,971
Plus: Transfer payments	2,599	3,095	3,179	3,584	3,908	4,244	4,562
Total personal income	20,957	23,266	24,545	26,100	27,466	28,335	29,359

Source: U.S. Department of Commerce, Bureau of Economic Analysis, release dated April 25, 1996, <http://www.STAT.U.S.A.GOV/BEN/bea/regional/persinc/qu-st/earn//hi.stq>.

**Table 13.07-- PERSONAL INCOME, TOTAL AND PER CAPITA, BY
COUNTIES: 1983 TO 1994**

Year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui and Kalawao
TOTAL (MIL. DOL.)						
1983.....	13,116.6	10,626.6	2,490.0	1,069.2	467.6	953.2
1984.....	13,969.0	11,379.8	2,589.1	1,105.1	478.9	1,005.1
1985.....	14,910.3	12,134.4	2,775.9	1,167.2	516.6	1,092.1
1986.....	16,054.8	12,977.0	3,077.8	1,292.7	566.8	1,218.3
1987.....	17,182.3	13,891.4	3,290.9	1,377.9	605.8	1,307.2
1988.....	18,923.5	15,205.0	3,718.6	1,507.4	732.0	1,479.2
1989.....	20,956.8	16,731.5	4,225.4	1,705.3	835.1	1,685.0
1990.....	23,266.3	18,448.3	4,818.0	1,948.2	929.0	1,940.8
1991.....	24,544.6	19,364.9	5,179.8	2,098.0	1,010.4	2,071.4
1992.....	26,095.4	20,909.9	5,185.5	2,232.3	656.6	2,296.7
1993.....	27,456.9	21,548.9	5,908.0	2,339.5	1,112.1	2,456.4
1994.....	28,320.3	22,145.4	6,174.9	2,411.6	1,180.5	2,582.9
PER CAPITA (DOLLARS)						
1983.....	12,951	13,497	11,018	10,478	10,911	11,837
1984.....	13,588	14,341	11,065	10,410	10,903	11,908
1985.....	14,339	15,170	11,566	10,782	11,461	12,613
1986.....	15,263	16,072	12,562	11,760	12,335	13,755
1987.....	16,087	17,040	13,008	12,177	12,733	14,194
1988.....	17,522	18,523	14,358	13,066	15,004	15,577
1989.....	19,146	20,195	15,885	14,448	16,674	17,197
1990.....	20,906	22,009	17,539	16,039	17,992	19,103
1991.....	21,648	22,802	18,203	16,632	18,969	19,699
1992.....	22,632	24,285	17,757	17,168	12,121	21,300
1993.....	23,558	24,868	19,759	17,573	20,178	22,177
1994.....	24,030	25,328	20,298	17,798	21,198	22,852

Source: U.S. Department of Commerce, Bureau of Economic Analysis, on STAT-USA.GOV, HI.CTY, release June 4, 1996.

Table 13.08-- PER CAPITA PERSONAL INCOME IN CURRENT AND CONSTANT DOLLARS FOR THE UNITED STATES AND HAWAII: 1990 AND 1995

Subject	United States	Hawaii
Per capita personal income (current dollars):		
1990	18,666	20,906
1995	22,788	24,738
Per capita personal income (1982-1984 dollars):		
1990	14,282	15,138
1995	14,953	14,716
Percent of U.S. average (current dollars):		
1990	100.0	112.0
1995	100.0	108.6
Percent increase, 1990-1995:		
Current dollars	22.1	18.3
Constant dollars	4.7	-2.8
Rank <u>1</u> / (50 States excluding D.C.):		
1990	(X)	6
1995	(X)	9
Consumer price index (1982-1984=100): <u>2</u> /		
1990	130.7	138.1
1995	152.4	168.1

X Not applicable.

1/ In per capita personal income (current dollars).

2/ Hawaii index is for Honolulu MSA.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, printouts dated April 25, 1996; U.S. Department of Labor, Bureau of Labor Statistics, USDC News Releases 96-10 (Honolulu) and 96-70 (U.S.), February 28, 1996.

Table 13.09-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 1989

[In dollars. Based on censuses made in April of following year]

Year	Households	Families	Unrelated individuals with income <u>1/</u>	Persons with income <u>1/</u>	
				Male	Female
1949.....	(NA)	3,568	1,583	2,340	1,247
1959.....	(NA)	6,366	1,998	3,753	1,796
1969.....	10,675	11,664	2,981	6,528	3,222
1979.....	20,473	22,750	7,097	11,505	6,581
1989.....	38,829	43,176	(NA)	21,095	12,976

NA Not available.

1/ 14 years old and over through 1969, and 15 years old and over thereafter.

Source: U.S. Bureau of the Census, *Census of Population: 1960*, PC(1)-13C (1962), tables 66 and 67 (for 1949 data); *1970 Census of Population*, PC(1)-C13 (December 1971), table 47 (for 1959 data); *1980 Census of Population*, PC80-1-C-13 (June 1983), table 61 (for 1969 and 1979 data); *1990 Census of Population and Housing*, 1990 CP-2-13 (September 1993), table 28 (for 1989 data).

Table 13.10-- MEDIAN INCOME OF HOUSEHOLDS (IN 1994 DOLLARS): 1992 TO 1994

Year	Median income (1994 dollars)	Standard error (1994 dollars)	Rank (50 states and D.C.)
1992.....	44,484	1,516	1
1993.....	43,754	1,804	2
1994.....	42,255	2,423	3

Source: U.S. Bureau of the Census Release CB95-185 (October 5, 1995).

Table 13.11-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1975 AND 1980 TO 1994

[In dollars. Based on small samples and subject to considerable sampling variation. From surveys made in March or April of following year]

Year	Households	Families	Unrelated individuals with income <u>1/</u>	Persons with income <u>1/</u>	
				Male	Female
1975.....	15,991	17,770	6,180	9,489	4,082
1980.....	21,666	24,813	8,663	13,533	6,917
1981.....	22,434	27,499	10,073	13,635	7,069
1982.....	23,582	27,840	11,406	13,582	8,133
1983.....	26,805	29,742	12,735	14,903	7,941
1984.....	28,877	32,831	12,873	16,147	8,548
1985.....	28,961	32,611	15,357	15,865	9,987
1986.....	29,003	34,665	14,906	18,889	9,998
1987.....	34,398	39,038	14,876	19,872	10,765
1988 <u>2/</u>	33,024	39,609	14,376	18,375	8,983
1989.....	35,035	(NA)	(NA)	(NA)	(NA)
1990.....	38,921	(NA)	(NA)	(NA)	(NA)
1991.....	37,194	(NA)	(NA)	(NA)	(NA)
1992.....	42,113	(NA)	(NA)	(NA)	(NA)
1993.....	42,662	(NA)	(NA)	(NA)	(NA)
1994.....	42,255	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ 14 years old and over for 1975, and 15 years old and over thereafter. Data exclude persons in military group quarters.

2/ Revision in income imputation procedures.

Source: U.S. Bureau of the Census, *Current Population Reports, Consumer Income*, Series P-60, No. 108 (November 1977), p. 145; *Current Population Reports, Consumer Income*, Series P-60, No. 113 (July 1978), pp. 175-177; Current Population Survey (March), annual, 1981 to 1989, machine-readable file, tabulated by Hawaii State Data Center; *Current Population Reports, Consumer Income*, Series P-60, No. 184 (September 1993), tables B-1 and B-20, and Series P60-188 (February 1995), tables B and A-1; Release CB95-185 (October 5, 1995).

Table 13.12-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, AND NONFAMILY HOUSEHOLDS, AND PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL, FOR COUNTIES AND SELECTED URBAN PLACES: 1989

Geographic area	Median income (dollars)			Percent below poverty level ^{1/}	
	Households	Families	Nonfamily households	Persons	Families
The State.....	38,829	43,176	24,376	8.3	6.0
Counties:					
Hawaii	29,712	33,186	17,375	14.2	10.9
Honolulu	40,581	45,313	25,685	7.5	5.4
Kalawao.....	(B)	(B)	(B)	(B)	(B)
Kauai.....	37,425	41,099	20,867	7.2	5.0
Maui	38,771	42,129	25,013	7.9	5.7
Census designated places:					
Hilo.....	30,014	35,570	15,700	14.5	11.3
Honolulu	37,190	45,227	24,177	8.4	5.5
Kailua (Oahu)	55,259	57,537	30,896	3.4	2.1
Kaneohe	49,770	51,116	30,291	4.9	2.9
Pearl City.....	50,752	52,879	23,008	3.5	2.4
Waipahu.....	38,380	40,635	17,691	13.4	12.8

B Base figure too small for statistical reliability.

^{1/} Based on U.S. poverty thresholds. Thresholds in Hawaii are about 15 percent higher; these statistics accordingly understate the prevalence of poverty in Hawaii.

Source: U.S. Bureau of the Census, *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), tables 28, 29, 148, 149, 177, and 178.

Table 13.13-- INCOME OF HOUSEHOLDS AND FAMILIES: 1989 AND 1993

[Data refer to income before taxes. Particularly for 1993, based on a small sample subject to considerable sampling variation]

Annual income	Households		Families	
	1989	1993	1989	1993
Total.....	356,748	398,834	266,439	303,767
Less than \$5,000.....	13,393	9,548	5,411	5,147
\$5,000 to \$9,999.....	18,011	16,394	8,763	5,807
\$10,000 to \$14,999.....	21,657	20,378	13,306	12,255
\$15,000 to \$24,999.....	53,305	52,230	36,267	41,668
\$25,000 to \$34,999.....	52,186	62,051	38,048	34,741
\$35,000 to \$49,999.....	68,063	67,356	53,675	52,834
\$50,000 to \$74,999.....	73,616	98,013	62,526	86,333
\$75,000 to \$99,999.....	31,076	42,095	26,985	37,195
\$100,000 to \$149,999.....	17,640	24,514	14,901	22,849
\$150,000 or more.....	7,801	6,255	6,557	4,939
Median income (dollars).....	38,829	42,662	43,176	49,797

Source: U.S. Bureau of the Census, Release CB92-47 (April 29, 1992), STF-3A, and Current Population Survey, March 1994 (special tabulation by the Hawaii State Data Center).

**Table 13.14-- MEDIAN INCOME FOR FOUR-PERSON FAMILIES:
FISCAL YEAR 1996**

[Estimated by U.S. Bureau of the Census from the 1990 Census of Population, 1993 BEA estimates of per capita personal income, and the March 1994 CPS]

Area	Amount
United States.....	\$45,161
Hawaii.....	\$54,856
Rank (50 States and D.C.).....	4

Source: U.S. Dept. of Health and Human Services, Office of Community Services, "State Median Income Estimates for Four-Person Families (FY1996); Notice of the Fiscal Year (FY) 1996 State Median Income Estimates for Use Under the Low Income Home Energy Assistance Fiscal Administered by the Administration for Children and Families, Office of Community Services, Division of Energy Assistance," *Federal Register*, March 30, 1995.

**Table 13.15-- INCOME TYPE AND PER CAPITA INCOME IN 1989, BY
GEOGRAPHIC AREAS: 1990**

Subject	State total	Oahu	Neighbor islands
Households.....	356,748	265,625	91,123
With wage and salary income.....	297,748	226,536	71,212
Mean wage and salary income (dollars).....	43,025	44,702	37,690
With nonfarm self-employment income.....	51,415	35,022	16,393
Mean nonfarm self-employment income (dollars).....	22,521	22,477	22,617
With farm self-employment income.....	5,956	2,164	3,792
Mean farm self-employment income (dollars).....	10,925	8,272	12,439
With Social Security income.....	90,377	64,394	25,983
Mean Social Security income (dollars).....	7,815	7,712	8,070
With public assistance income.....	24,240	16,803	7,437
Mean public assistance income (dollars).....	5,272	5,264	5,288
With retirement income.....	71,005	53,219	17,786
Mean retirement income (dollars).....	12,116	13,230	8,783
Per capita income (dollars).....	15,770	16,256	14,275

Source: U.S. Bureau of the Census, *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), table 42.

**Table 13.16-- POVERTY STATUS OF PERSONS: 1969, 1975, AND
1979 TO 1994**

[Based on Mainland poverty thresholds. Official Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the number and percent of persons below the poverty level in Hawaii. Data are based on censuses or surveys made in March or April of the following year, and exclude inmates of institutions, persons in military group quarters and in college dormitories, and unrelated individuals under 15 years (14 years before 1979)]

Year	Number	Percent	Year	Number	Percent
Census:					
1969	68,543	9.3	1985	109,000	10.7
1975	67,000	7.9	1986	109,000	10.7
1979	91,618	9.9	1987	95,000	8.8
1989	88,408	8.3	1988	117,000	11.1
			1989	122,000	11.3
CPS: <u>1/</u>			1990	121,000	11.0
1980	81,000	8.5	1991	90,000	7.7
1981	108,000	11.3	1992	129,000	11.0
1982	132,000	13.2	1993	91,000	8.0
1983	135,000	13.4	1994 <u>2/</u>	(NA)	8.7
1984	92,000	9.3			

NA Not available.

1/ Current Population Survey. Based on small samples and subject to considerable sampling variation.

2/ Standard error in 1994 was 1.55 for the poverty rate. For the entire United States in 1994, the poverty rate was 14.5 percent. Hawaii was the fourth lowest State in poverty rate in 1994.

Source: U.S. Bureau of the Census, *1970 Census of Population*, PC(1)-C13 (December 1971), table 58; *Current Population Reports, Consumer Income*, Series P-60, No. 113 (July 1978), p. 179; *1980 Census of Population*, PC80-1-C13 (June 1983), table 72; *1990 Census of Population*, 1990 CP-2-13 (September 1993), table 29; *Current Population Reports, Consumer Income*, Series P-60, No. 175 (August 1991), pp. 219-221, No. 185 (September 1993), p. 1 and App. Table D-1, and No. 188 (February 1995), tables C and D; Release CB95-185 (October 5, 1995); *Statistical Abstract of the United States: 1995*, p. 482.

**Table 13.17-- POVERTY STATUS IN 1989, FOR THE STATE AND OAHU:
1990**

[Based on nationwide poverty thresholds. Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the numbers of persons and families below the poverty level in Hawaii. Data refer to the poverty status in 1989 of families and persons surveyed in April 1990]

Subject	State total	Oahu only
All persons for whom poverty status is determined.....	1,071,352	803,204
Below poverty level	88,408	60,093
Persons 18 years and over	795,834	601,880
Below poverty level	56,464	39,029
Persons 65 years and over	120,952	88,602
Below poverty level	9,701	6,888
Related children under 18 years	273,746	200,310
Below poverty level	30,440	20,191
Related children under 5 years	80,522	60,206
Below poverty level	10,137	6,907
Related children 5 to 17 years.....	193,224	140,104
Below poverty level	20,303	13,284
Unrelated individuals	147,440	107,072
Below poverty level	29,435	20,330
All families.....	266,439	199,597
Below poverty level	16,053	10,733
With related children under 18 years	143,331	106,216
Below poverty level	12,760	8,423
With related children under 5 years.....	64,476	48,376
Below poverty level	7,213	4,895
Female householder families	35,368	26,101
Below poverty level	6,937	4,445
With related children under 18 years	21,428	14,960
Below poverty level	6,382	4,020
With related children under 5 years.....	8,220	5,712
Below poverty level	3,426	2,157

Continued on next page.

**Table 13.17-- POVERTY STATUS IN 1989, FOR THE STATE AND OAHU:
1990 -- Con.**

Subject	State total	Oahu only
Percent below poverty level:		
All persons	8.3	7.5
Persons 18 years and over	7.1	6.5
Persons 65 years and over	8.0	7.8
Related children under 18 years.....	11.1	10.1
Related children under 5 years	12.6	11.5
Related children 5 to 17 years	10.5	9.5
Unrelated individuals	20.0	19.0
All families	6.0	5.4
With related children under 18 years.....	8.9	7.9
With related children under 5 years	11.2	10.1
Female householder families.....	19.6	17.0
With related children under 18 years.....	29.8	26.9
With related children under 5 years	41.7	37.8

Source: U.S. Bureau of the Census, 1990 CPH-L-80 and 81, table 3.

Table 13.18-- POVERTY INCOME GUIDELINES: 1993, 1994, AND 1995

[In dollars. These family income levels are poverty thresholds established by the U.S. Department of Health and Human Services to determine eligibility for certain Federal programs for the poor]

Size of family unit	Effective Feb. 12, 1993	Effective Feb. 10, 1994	Effective Feb. 9, 1995
1.....	8,040	8,470	8,610
2.....	10,860	11,320	11,550
3.....	13,680	14,170	14,490
4.....	16,500	17,020	<u>1/</u> 17,430
5.....	19,320	19,870	20,370
6.....	22,140	22,720	23,310
7.....	24,960	25,570	26,250
8.....	27,780	28,420	<u>2/</u> 29,190

1/ Corresponding levels for four-person families elsewhere in the United States were \$15,150 on the Mainland and \$18,940 in Alaska.

2/ For larger families, add \$2,940 for each additional member.

Source: U.S. Department of Health and Human Services, "Annual Update of the HHS Poverty Guidelines," *Federal Register*, February 12, 1993, February 10, 1994, and February 9, 1995.

Table 13.19-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR OAHU: 1990-91 TO 1992-93

[Annual averages for two-year periods. For detailed breakdowns, see source]

Item	1990-91	1991-92	1992-93
Total expenditures (dollars)	36,394	37,273	38,997
Food at home	3,163	3,455	3,889
Food away from home	2,471	2,878	3,215
Alcoholic beverages.....	470	449	503
Housing	11,196	11,863	12,261
Shelter	7,432	8,080	8,352
Utilities, fuels, and public services.....	1,272	1,448	1,673
Household operations	552	509	430
Housekeeping supplies	488	514	483
Housefurnishings and equipment	1,451	1,313	1,324
Apparel and services	1,728	2,166	2,086
Transportation	6,052	5,628	5,490
Health care	1,623	1,557	1,661
Entertainment.....	1,618	1,534	1,652
Personal care products and services.....	498	515	496
Reading	209	204	203
Education	693	573	1,043
Tobacco products and smoking supplies.	181	228	282
Miscellaneous.....	1,854	1,837	1,109
Cash contributions.....	1,179	1,139	1,029
Personal insurance and pensions.....	3,459	3,245	4,078
Life and other personal insurance	581	446	424
Pensions and Social Security.....	2,878	2,799	3,654
Number of consumer units.....	242,000	266,000	265,000
Consumer unit characteristics:			
Income before taxes (dollars).....	41,499	42,156	46,404
No. of persons in consumer unit.....	2.8	2.6	2.7
No. of earners.....	1.5	1.4	1.6
No. of vehicles.....	1.6	1.5	1.6
Percent homeowner.....	49	44	47

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

Table 13.20-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES AND OAHU: 1992-93

[Annual averages for two-year periods. For detailed breakdowns, see source]

Item	Western United States	Oahu	
		Average	Rank <u>1/</u>
Total expenditures.....	34,012	38,997	3
Food at home	2,902	3,889	1
Food away from home	1,718	3,215	1
Alcoholic beverages.....	345	503	2
Housing	11,138	12,261	5
Shelter	6,966	8,352	4
Utilities, fuels, and public services.....	1,864	1,673	6
Household operations	577	430	7
Housekeeping supplies	434	483	1
Housefurnishings and equipment	1,297	1,324	4
Apparel and services	1,717	2,086	1
Transportation	6,056	5,490	7
Health care	1,673	1,661	2
Entertainment	1,944	1,652	7
Personal care products and services.....	422	496	3
Reading.....	176	203	4
Education	444	1,043	1
Tobacco products and smoking supplies.	219	282	2
Miscellaneous.....	935	1,109	2
Cash contributions	977	1,029	4
Personal insurance and pensions.....	3,346	4,078	3
Life and other personal insurance	357	424	3
Pensions and Social Security	2,989	3,654	3
Consumer unit characteristics:			
Income before taxes (dollars).....	37,404	46,404	3
No. of persons in consumer unit.....	2.7	2.7	1
No. of earners.....	1.4	1.6	1
No of vehicles.....	2.2	1.6	7
Percent homeowner.....	58	47	7

1/ Among the seven metropolitan statistical areas in the West.

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

Table 13.21-- TOP WEALTHHOLDERS: 1962 TO 1989

[Top wealthholders are defined as persons with a gross estate in excess of specified amounts, rising from \$60,000 in 1962 to \$600,000 in 1989. All figures are estimates based on estate tax return samples]

Group and year	Number of top wealthholders	Millions of dollars		
		Total assets	Debts and mortgages	Net worth
Gross estate over \$60,000:				
1962.....	11,323	1,908	231	1,677
1969.....	36,470	6,327	1,090	5,236
1972.....	53,700	7,866	1,369	6,497
Gross estate over \$120,000:				
1976.....	39,000	7,436	1,546	5,890
Gross estate over \$325,000:				
1982.....	20,300	14,767	3,523	11,244
Gross estate over \$500,000:				
1982.....	8,700	10,864	2,919	7,946
1986.....	11,000	11,330	1,475	9,855
Gross estate over \$600,000:				
1989.....	22,300	28,393	2,447	25,947

Source: U.S. Internal Revenue Service, *Statistics of Income - 1962, Personal Wealth* (1967), pp. 55-56; *Statistics of Income - 1969, Personal Wealth* (1973), pp. 57-58; *Statistics of Income - 1972, Personal Wealth Estimated from Estate Tax Returns* (1976), table 33; and *Statistics of Income Bulletin*, Summer 1983, pp. 1-26, Spring 1988, pp. 31-46, Spring 1990, pp. 63-78, and Spring 1993, pp. 105-121.

Table 13.22-- TOTAL AND SELECTED ASSETS, DEBTS AND MORTGAGES, AND NET WORTH OF TOP WEALTHHOLDERS: 1989

[Top wealthholders are defined for this table as persons with net worth under \$10,000,000 and gross assets of \$600,000 or more]

Subject	Number of persons	Amount (millions of dollars)
Total assets ^{1/}	22,300	28,393
Debts and mortgages	18,300	2,447
Net worth.....	22,300	25,947
Total assets by type:		
Real estate	19,100	11,713
Corporate stock.....	14,800	8,707
Cash	22,200	2,194
Bonds.....	7,900	1,542

^{1/} For the U.S. , top wealthholders numbered 3,380,300. Hawaii ranked 32rd among the 50 States. In top wealthholders per 10,000 residents, ratios were 204 for Hawaii and 137 for the entire nation.

Source: U.S. Internal Revenue Service, "Personal Wealth, 1989," *SOI Bulletin*, Spring 1993, pp. 105-121, table 7.

Table 13.23-- WORTH OF RICHEST RESIDENTS: 1994 AND 1995

Name	Age (years)	Net worth (million dollars)
1994		
Barbara Cox Anthony	71	2,900
Campbell family	800
Kelley family.....	...	440
James K. Schuler	56	290
1995		
Barbara Cox Anthony	72	3,000
Campbell family	850
Damon family.....	...	700
Robinson family.....	...	500

Source: "The Forbes Four Hundred," *Forbes*, October 17, 1994, pp. 100-348, and October 16, 1995, pp 106-368.