

## Section 13

# INCOME, EXPENDITURES, AND WEALTH

This section presents statistics on two different aspects of income and expenditures, one relating to the Gross State Product accounts and the other to the distribution of income to families, households and individuals. Specifically, information is given on gross state product 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.

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; and Hawaii Agricultural Statistics Service, Hawaii State Department of Business, Economic Development & Tourism, and Hawaii Visitors & Convention 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 the *Statistical Abstract of the United States: 1998*, Section 14.

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1974 TO 1998**

[In millions of dollars]

Year	Value of production		Defense expenditures	Visitor expenditures 2/
	Raw sugar and molasses 1/	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/ 3,110.6	5,244
1986	361.9	238.4	3/ 3,091.7	6,104
1987	335.9	251.4	3/ 3,073.7	6,868
1988	324.0	247.0	3/ 3,191.3	8,528
1989	322.0	241.9	3/ 3,294.7	9,282
1990	328.9	215.9	3/ 3,349.6	9,739
1991	270.7	224.6	3/ 3,652.3	10,634
1992	237.6	197.7	3/ 3,831.7	9,559
1993	251.9	140.6	3/ 3,735.2	8,678
1994	247.9	134.1	3/ 3,799.5	10,603
1995	200.2	135.0	3/ 3,773.2	11,444
1996	168.8	147.0	3/ 3,923.1	10,685
1997	132.5	136.7	3/ 4,077.9	10,770
1998	(NA)	(NA)	3/ 4,072.3	(NA)

NA not available.

1/ Excludes government sugar support payments.

2/ 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.

3/ Revised estimate.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaiian Agriculture* (annual), records, and for 1997 and 1998 <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.html](http://www.nass.usda.gov/hi/stats/t_of_c.html)>; Hawaii State Department of Business, Economic Development & Tourism, *Hawaii Gross State Product Accounts: 1958-88* (June 1988) and records; and Hawaii Visitors & Convention Bureau, *Annual Research Report* (various) and records.

**Table 13.02-- GROSS STATE PRODUCT, PER CAPITA GROSS STATE  
PRODUCT AND RESIDENT POPULATION: 1958 TO 1998**

Year	Gross state product		Per capita gross state product		Resident Population [as of July 1]
	Millions of current dollars	Millions of 1992 dollars	Current dollars	1992 dollars	
1958	1,415.0	6,501.3	2,339	10,746	605,000
1959	1,572.5	7,253.0	2,528	11,659	622,087
1960	1,805.1	8,217.0	2,814	12,809	641,520
1961	1,886.5	8,220.0	2,864	12,479	658,684
1962	1,965.8	8,566.2	2,876	12,533	683,513
1963	2,101.8	8,777.7	3,081	12,866	682,241
1964	2,301.3	9,656.5	3,288	13,798	699,858
1965	2,530.4	10,512.7	3,595	14,937	703,804
1966	2,771.4	11,090.7	3,902	15,614	710,325
1967	2,990.0	11,475.7	4,138	15,883	722,528
1968	3,344.5	12,420.0	4,554	16,910	734,456
1969	3,952.3	13,943.6	5,268	18,586	750,228
1970	4,414.0	14,599.6	5,720	18,920	771,647
1971	4,773.8	15,354.2	5,955	19,153	801,644
1972	5,305.4	16,384.4	6,405	19,780	828,331
1973	6,009.3	17,195.3	7,057	20,192	851,595
1974	6,901.7	17,142.2	7,951	19,750	867,978
1975	7,411.3	18,156.9	8,363	20,489	886,160
1976	7,933.4	18,391.5	8,774	20,340	904,191
1977	8,597.4	18,950.3	9,363	20,637	918,259
1978	9,627.6	19,544.6	10,335	20,980	931,584
1979	10,906.4	20,310.6	11,441	21,305	953,306
1980	12,225.7	21,435.4	12,623	22,133	968,500
1981	13,078.3	21,955.2	13,370	22,445	978,195
1982	13,691.0	21,436.2	13,777	21,570	993,780
1983	14,811.8	22,248.9	14,626	21,970	1,012,717
1984	15,826.5	22,917.8	15,397	22,295	1,027,922
1985	17,139.7	24,024.9	16,485	23,108	1,039,698
1986	18,483.0	25,318.6	17,573	24,073	1,051,762
1987	20,027.3	26,240.2	18,754	24,571	1,067,917
1988	22,324.0	27,784.6	20,674	25,731	1,079,827
1989	24,574.7	29,105.0	22,451	26,590	1,094,588
1990	27,033.6	30,104.5	24,294	27,054	1,112,772
1991	28,614.4	29,987.9	25,277	26,490	1,132,040
1992	30,259.6	30,259.6	26,282	26,282	1,151,344
1993	31,171.9	30,371.0	26,784	26,096	1,163,835
1994	31,965.3	30,384.4	27,180	25,835	1,176,078
1995	32,723.7	30,525.3	27,660	25,802	1,183,066
1996	33,509.1	30,795.9	28,223	25,938	1,187,283
1997	34,238.6	31,261.4	28,722	26,225	1,192,057
1998	34,914.8	31,945.6	29,266	26,777	1,193,001

Source: Hawaii State Department of Business, Economic Development & Tourism, U.S. Bureau of Economic Analysis, State Annual Personal Income, September 19, 1998 and U.S. Bureau of the Census,

Federal-State Cooperative Program for Population Estimates.

**Table 13.03-- GROSS STATE (DOMESTIC) PRODUCT, 1977 TO 1997,  
AND BY INDUSTRY, 1977 TO 1997**

[Data for current dollars 1995-96 and for millions of chained (1992) dollars are revised for 1993-96]

Year	Millions of current dollars	Millions of chained (1992) dollars	Year	Millions of current dollars	Millions of chained (1992) dollars
1977	9,401	22,043	1988	25,760	30,060
1978	10,538	22,954	1989	28,756	32,333
1979	11,946	24,156	1990	32,436	34,868
1980	13,410	24,798	1991	33,860	34,910
1981	14,537	24,147	1992	35,193	35,193
1982	15,523	24,026	1993	35,160	34,849
1983	17,006	25,018	1994	35,249	34,981
1984	18,532	25,675	1995	36,681	34,202
1985	20,025	26,236	1996	36,992	33,802
1986	21,995	27,340	1997	38,024	33,736
1987	23,281	28,068			
	<b>Millions of current dollars</b>				
Industry	1977	1987	1996	1997	
<b>Total, all industries</b>	9,401	23,281	36,992	38,024	
Agriculture, forestry, fisheries	217	438	470	463	
Farms	186	343	278	275	
Ag. services, forestry, fisheries	30	95	191	188	
Mining	(L)	14	28	26	
Construction	571	1,162	1,770	1,640	
Manufacturing	519	998	1,173	1,213	
Transp, communications, utilities	947	2,349	3,802	3,904	
Wholesale trade	458	883	1,458	1,493	
Retail trade	995	2,529	4,270	4,332	
Finance, insurance, real estate	1,609	5,145	8,215	8,503	
Services	1,471	4,298	8,161	8,413	
Hotels	432	1,101	2,039	2,095	
Health services	299	948	1,976	2,005	
Other than hotels and health	740	2,249	4,146	4,313	
Government	2,613	5,464	7,646	8,036	
Federal government	1,734	3,670	4,387	4,603	
Civilian	674	1,372	1,705	1,865	
Military	1,060	2,298	2,682	2,738	
State and local government	879	1,793	3,259	3,434	

L Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, <<http://www.bea.doc.gov/bea/regional/data.html>>, June 7, 1999.

**Table 13.04-- TOTAL AND PER CAPITA PERSONAL INCOME AND  
DISPOSABLE PERSONAL INCOME: 1969 TO 1997**

[Data for 1982-96 have been revised]

Year	Personal income (thousands of dollars)		Per capita personal income (dollars)		Per capita personal income as percent of U.S. average	
	Total	Disposable	Total	Disposable	Total	Disposable
1969	3,331,816	2,825,829	4,484	3,803	116.8	115.3
1970	3,811,203	3,254,731	4,996	4,266	122.5	120.3
1971	4,111,819	3,568,375	5,194	4,508	120.0	118.5
1972	4,523,867	3,871,369	5,530	4,732	117.7	116.2
1973	5,027,995	4,316,837	5,973	5,128	114.6	112.8
1974	5,761,541	4,973,687	6,714	5,796	118.3	117.5
1975	6,194,830	5,471,183	7,079	6,252	116.0	116.3
1976	6,725,874	5,891,520	7,537	6,602	112.7	112.8
1977	7,287,481	6,340,742	7,958	6,924	108.5	108.5
1978	8,090,722	6,996,006	8,711	7,532	106.3	105.8
1979	9,195,439	7,929,719	9,679	8,347	106.2	106.0
1980	10,563,256	9,122,760	10,916	9,427	108.5	108.5
1981	11,376,347	9,812,862	11,630	10,032	104.4	104.7
1982	12,045,978	10,603,455	12,121	10,670	103.5	105.5
1983	13,193,413	11,578,143	13,028	11,433	105.4	106.0
1984	14,123,179	12,505,167	13,740	12,165	101.2	102.2
1985	15,069,700	13,207,045	14,494	12,703	100.6	101.0
1986	16,118,094	14,121,563	15,325	13,427	101.4	101.8
1987	17,366,635	14,993,984	16,262	14,040	102.0	101.5
1988	19,236,760	16,558,626	17,815	15,335	104.6	103.1
1989	21,229,766	17,993,473	19,395	16,439	106.8	104.4
1990	23,956,464	20,407,972	21,533	18,343	112.4	110.1
1991	25,097,971	21,493,935	22,182	18,997	113.0	110.8
1992	26,372,209	22,723,304	22,942	19,768	111.7	109.8
1993	27,511,237	23,732,164	23,708	20,452	111.7	110.3
1994	28,331,447	24,502,063	24,161	20,896	109.5	108.7
1995	29,332,699	25,651,893	24,883	21,761	107.9	108.6
1996	29,698,200	25,825,750	25,105	21,832	103.9	104.9
1997	30,478,732	26,362,793	25,686	22,217	101.5	102.8

Note: Data in Table 13.04 are annual data released in September while data in Tables 13.06 and 13.08 are annual averages of four quarters and are released in April. Data are subject to subsequent revision.

Source: U.S. Bureau of Economic Analysis, News Release BEA 98-29 <<http://www.bea.doc.gov/bea/>> dated September 14, 1998; and State Personal Income 1929-97 (CD-ROM RCN-0208, September, 1998); *Survey of Current Business*, October 1998, and tabulations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.05-- ECONOMIC ESTIMATES AND PROJECTIONS: 1995 TO 2020**

Year	Gross state product (millions of 1987 dollars)	Personal income		Total labor income 1/ (millions of 1987 dollars)	Total civilian employment (number of jobs)
		Total (millions of 1987 dollars)	Per capita (1987 dollars)		
1995	23,297.8	21,255.6	18,025.0	15,388.3	579,800
2000	25,994.7	23,671.7	19,113.0	17,115.6	613,200
2005	28,548.0	25,902.1	19,862.0	18,700.6	650,800
2010	31,052.3	28,305.7	20,709.0	20,317.0	687,300
2015	33,588.9	31,051.8	21,705.0	22,069.4	721,900
2020	36,388.5	34,105.1	22,825.0	23,978.2	757,400

1/ Labor income is the sum of wage and salary disbursements, other labor income, and proprietors' income.

Source: Hawaii Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2020, DBEDT 2020 Series*, May 1997.

**Table 13.06-- PERSONAL INCOME BY MAJOR SOURCES: 1993 TO 1998**

[In millions of dollars. Data for 1993-97 have been revised. Data for 1998 are preliminary.  
Data are annual averages of quarterly data released in April. Data are subject to revision]

Item	1993	1994	1995	1996	1997	1998
PERSONAL INCOME	27,511	28,332	25,396	29,784	30,514	31,182
Earnings By Place of Work	20,844	21,072	21,187	21,213	21,702	22,093
Wage and salary disbursements	16,647	16,760	16,811	16,945	17,400	17,681
Other labor income	1,885	1,949	1,874	1,739	1,714	1,694
Proprietors' income	2,312	2,363	2,503	2,529	2,589	2,719
Farm proprietors' income	10	2	7	6	5	6
Nonfarm proprietors' income	2,302	2,361	2,496	2,524	2,583	2,713
Dividends, interest, and rent	4,028	4,363	4,806	5,010	5,079	5,158
Transfer payments	3,959	4,251	4,777	4,937	5,147	5,358
Less: Pers. cont. for social insur.	1,320	1,354	1,372	1,375	1,413	1,427
Earnings By Industry	20,844	21,072	21,187	21,213	21,702	22,093
Farm Earnings	186	180	165	164	159	171
Nonfarm Earnings	20,658	20,892	21,022	21,049	21,544	21,922
Private Earnings	15,380	15,541	15,649	15,723	16,003	16,321
Ag. serv., forestry, fishing & oth	150	144	150	143	141	148
Mining	17	16	21	19	16	17
Construction	1,897	1,712	1,588	1,461	1,379	1,359
Manufacturing	792	820	784	772	798	803
Transport. and public utilities	1,671	1,665	1,697	1,741	1,823	1,822
Wholesale trade	795	794	791	788	799	822
Retail trade	2,487	2,570	2,636	2,635	2,656	2,649
Finance, insur., and real estate	1,739	1,662	1,698	1,757	1,763	1,841
Services	5,831	6,158	6,284	6,406	6,630	6,862
Gov't and gov't enterprises	5,278	5,351	5,373	5,326	5,541	5,601
Federal, civilian	1,205	1,241	1,251	1,285	1,340	1,383
Military	1,586	1,537	1,551	1,533	1,567	1,549
State and local	2,488	2,573	2,572	2,509	2,633	2,668

Source: U.S. Bureau of Economic Analysis, Regional Accounts Data: April 27, 1999  
<<http://www.bea.doc.gov/bea/sq.exe>> and <<http://www.bea.doc.gov/bea/dr/spitbl-f.html>>.



**Table 13.07-- PERSONAL INCOME, TOTAL AND PER CAPITA, BY COUNTY:  
1982 TO 1997**

[Data for 1982-96 have been revised]

Year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui and Kalawao
TOTAL (THOUS. DOL.)						
1982	12,045,978	9,835,143	2,210,835	963,469	422,668	824,698
1983	13,193,413	10,682,576	2,510,837	1,077,408	472,358	961,071
1984	14,123,179	11,502,090	2,621,089	1,117,675	486,595	1,016,819
1985	15,069,700	12,255,214	2,814,486	1,179,028	524,676	1,110,782
1986	16,118,094	13,019,439	3,098,655	1,292,649	572,266	1,233,740
1987	17,366,635	14,035,221	3,331,414	1,380,357	611,040	1,340,017
1988	19,236,760	15,451,660	3,785,100	1,525,256	735,789	1,524,055
1989	21,229,766	16,925,649	4,304,117	1,729,327	842,918	1,731,872
1990	23,956,464	19,026,479	4,929,985	1,991,096	949,841	1,989,048
1991	25,097,971	19,884,116	5,213,855	2,119,357	1,017,937	2,076,561
1992	26,372,209	21,191,215	5,180,994	2,224,829	681,654	2,274,511
1993	27,511,237	21,718,951	5,792,286	2,319,360	1,085,952	2,386,974
1994	28,331,447	22,266,490	6,064,957	2,413,550	1,151,491	2,499,916
1995	29,396,283	23,077,867	6,318,416	2,542,388	1,203,061	2,572,967
1996	29,783,921	23,295,684	6,488,237	2,630,310	1,217,877	2,640,050
1997	30,514,427	23,836,437	6,677,990	2,716,033	1,240,521	2,721,436
PER CAPITA (DOLLARS)						
1982	12,121	12,673	10,155	9,752	10,111	10,696
1983	13,028	13,538	11,228	10,692	11,037	12,004
1984	13,740	14,417	11,390	10,796	11,152	12,255
1985	14,494	15,237	11,956	11,133	11,828	13,045
1986	15,325	16,065	12,841	11,929	12,559	14,118
1987	16,262	17,149	13,354	12,354	12,945	14,802
1988	17,815	18,750	14,800	13,446	15,156	16,254
1989	19,395	20,360	16,350	14,833	16,910	17,888
1990	21,529	22,702	17,949	16,393	18,401	19,580
1991	22,171	23,488	18,264	16,642	19,156	19,780
1992	22,906	24,683	17,695	16,948	12,623	21,153
1993	23,638	25,127	19,342	17,284	19,804	21,613
1994	24,090	25,554	19,904	17,710	20,682	22,171
1995	24,848	26,434	20,379	18,352	21,448	22,294
1996	25,086	26,681	20,653	18,825	21,469	22,431
1997	25,598	27,259	21,026	19,147	21,941	22,827

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Metropolitan Area Personal Income, May 6, 1999 <<http://www.bea.doc.gov/bea/regional/data..html>>.

and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.08-- PER CAPITA PERSONAL INCOME FOR THE  
UNITED STATES AND HAWAII: 1969 TO 1998**

[Data in Table 13.08 and 13.06 are annual averages of four quarters and released in April while data in Table 13.04 are annual data released in September. Data are subject to subsequent revision]

Year	United States		Hawaii			
	In dollars	Percent change	In dollars	Percent change	Per capita rank 2/	Percent of the U.S. average
1969	3,840	...	4,484	...	7	116.8
1970	4,077	6.2	4,996	11.4	3	122.5
1971	4,327	6.1	5,194	4.0	3	120.0
1972	4,699	8.6	5,530	6.5	5	117.7
1973	5,211	10.9	5,973	8.0	6	114.6
1974	5,676	8.9	6,714	12.4	3	118.3
1975	6,100	7.5	7,079	5.4	3	116.0
1976	6,690	9.7	7,537	6.5	7	112.7
1977	7,334	9.6	7,958	5.6	8	108.5
1978	8,196	11.8	8,711	9.5	12	106.3
1979	9,118	11.2	9,679	11.1	11	106.2
1980	10,062	10.4	10,916	12.8	10	108.5
1981	11,144	10.8	11,630	6.5	14	104.4
1982	11,715	5.1	12,121	4.2	14	103.5
1983	12,356	5.5	13,028	7.5	12	105.4
1984	13,571	9.8	13,740	5.5	16	101.2
1985	14,410	6.2	14,494	5.5	16	100.6
1986	15,106	4.8	15,325	5.7	17	101.4
1987	15,945	5.6	16,262	6.1	15	102.0
1988	17,038	6.9	17,815	9.5	13	104.6
1989	18,153	6.5	19,395	8.9	11	106.8
1990	19,156	5.5	21,529	11.0	7	112.4
1991	19,623	2.4	22,171	3.0	7	113.0
1992	20,547	4.7	22,906	3.3	7	111.5
1993	21,220	3.3	23,638	3.2	6	111.4
1994	22,056	3.9	24,090	1.9	8	109.2
1995	23,059	4.5	24,848	3.1	9	107.8
1996	24,164	4.8	25,086	1.0	13	103.8
1997	25,288	4.7	25,598	2.0	17	101.2
1998 1/	26,412	4.4	26,137	2.1	17	99.0

1/ Data for 1998 are preliminary.

2/ Among the 50 States; District of Columbia is excluded from this ranking.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Accounts Data: April 28, 1997 (for 1969-91) and April 27, 1999 (for 1992-98, <<http://www.bea.doc.gov/bea/sq.exe>> and <<http://www.bea.doc.gov/bea/dr/spitbl-d.htm>> ) and tabulations by the Hawaii State Department of Business, Economic Development & Tourism.

**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 1/	Persons with income 1/	
				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 CONSTANT  
DOLLARS: 1995 TO 1997**

[In 1997 dollars. Three-year moving average is recommended for state-to-state comparison.  
Two-year moving average is acceptable for individual state's year-to-year comparison]

	1995-1997		1995-1996		1996-1997	
	U. S.	Hawaii	U. S.	Hawaii	U. S.	Hawaii
Median income (constant dollars)	36,399	42,931	36,097	43,930	36,656	41,832
Standard error	131	1,120	160	1,364	145	1,378
Rank (50 states and D.C.) 1/	...	5	...	4	...	7

1/ Rank of 1 indicates highest median income.

Source: U.S. Bureau of the Census, *Current Population Reports, Series P60-200, Money Income in the United States: 1997*, and Hawaii State Department of Business, Economic Development & Tourism calculations.

**Table 13.11-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 1997**

[In dollars, numbers, and percent. Based on small samples and subject to considerable sampling variation. From surveys made in March or April of following year. The methodology used to compute 4-person family median income by state uses the most recent data available from the March Current Population Survey (CPS) and the decennial census of population conducted by the Bureau of the Census, as well as per capita personal income estimates produced by the Bureau of Economic Analysis. The Bureau of the Census recommends using three-year moving averages for state-to-state comparison. Two-year moving average is acceptable for a given state's year-to-year comparison. See Table 13.10]

Calendar year 1/	Fiscal year 2/	United States	Hawaii	Hawaii rank 3/	Hawaii as percent of US
1974	1977	14,747	17,069	2	115.7
1975	1978	15,848	18,825	2	118.8
1976	1979	17,315	20,113	2	116.2
1977	1980	18,723	21,718	2	116.0
1978	1981	20,428	22,475	3	110.0
1979	1982	22,395	24,582	7	109.8
1980	1983	24,332	27,514	4	113.1
1981	1984	26,274	29,295	6	111.5
1982	1985	27,619	30,019	9	108.7
1983	1986	29,184	31,614	10	108.3
1984	1987	31,097	33,445	11	107.6
1985	1988	32,777	34,636	10	105.7
1986	1989	34,716	36,618	11	105.5
1987	1990	36,812	40,878	6	111.0
1988	1991	39,051	42,353	8	108.5
1989	1992	40,763	44,988	8	110.4
1990	1993	41,451	50,234	6	121.2
1991	1994	43,056	49,367	4	114.7
1992	1995	44,615	50,821	4	113.9
1993	1996	45,161	54,856	4	121.5
1994	1997	47,012	56,992	5	121.2
1995	1998	49,687	54,759	6	110.2
1996	1999	51,518	57,909	6	112.4
1997	2000	53,350	58,474	10	109.6

1/ The term "calendar year" refers to the year the money income was received by the Current Population Survey respondents.

2/ The term "fiscal year" refers to the time period used for eligibility for the Department of Health and Human Services's Low Income Home Energy Assistance Program (LIHEAP). Estimates are as published in the *Federal Register*.

3/ Rank computed among the 50 states and the District of Columbia. Rank of 1 indicates the highest median income.

Source: U.S. Bureau of the Census, Median Income for 4-Person Families, By State, 1974-97 (FY 77-2000) <<http://www.census.gov/hhes/income/4person.html>>.

**Table 13.12- MEDIAN MONEY INCOME OF HOUSEHOLDS,  
FOR THE UNITED STATES AND HAWAII, IN CURRENT  
AND CONSTANT DOLLARS: 1984 TO 1997**

[In dollars, numbers, and percent. Based on small samples and subject to considerable sampling variation. From surveys made in March or April of following year. The Bureau of the Census recommends multi-year averages for analysis. See Table 13.10. Annual estimates are provided for information. Rank among the 50 states and D.C. In all years D.C. is ranked below Hawaii]

Year	Median income in current dollars			
	United States	Hawaii	Hawaii as % of US	Rank
1984	22,415	28,877	128.8	4
1985	23,618	28,961	122.6	5
1986	24,897	29,003	116.5	9
1987	25,986	35,022	134.8	1
1988	27,225	33,024	121.3	7
1989	28,906	35,035	121.2	7
1990	29,943	38,921	130.0	3
1991	30,126	37,246	123.6	4
1992	30,636	42,113	137.5	1
1993	31,241	42,662	136.6	2
1994	32,264	42,255	131.0	3
1995	34,076	42,851	125.8	3
1996	35,492	41,772	117.7	5
1997	37,005	40,934	110.6	14
Year	Median income in constant 1997 dollars 1/			
	United States	Hawaii	Hawaii as % of US	Rank
1984	34,626	44,608	128.8	4
1985	35,229	43,199	122.6	5
1986	36,460	42,472	116.5	9
1987	36,714	49,481	134.8	1
1988	36,937	44,804	121.3	7
1989	37,415	45,348	121.2	7
1990	36,770	47,795	130.0	3
1991	35,501	43,891	123.6	4
1992	35,047	48,176	137.5	1
1993	34,700	47,386	136.6	2
1994	34,942	45,762	131.0	3
1995	35,887	45,129	125.8	3
1996	36,306	42,730	117.7	5
1997	37,005	40,934	110.6	14

1/ Median income in 1997 CPI-U-X1 adjusted dollars. Base year was 1996 in *Data Book 1997*.

Source: U.S. Bureau of the Census, *March Current Population Survey, Consumer Income*

*P60-200* (September 1998). Table H-8. Median Money Income of Households, by State: 1984 to 1997, <<http://www.census.gov/hhes/income/histinc/h08.html>>.



**Table 13.13-- 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 13.14-- ESTIMATED MEDIAN INCOME AND POVERTY STATUS, BY COUNTY: 1995**

Area	Median household income (dollars)	Persons in poverty 1/		Persons under 18 in poverty	
		Number	Percent	Number	Percent
The State	43,973	115,876	9.9	43,091	13.8
Counties:					
Hawaii	35,093	21,493	15.5	8,968	22.1
Honolulu	44,903	77,994	9.1	28,089	12.6
Kalawao	8,630	2/	2/	2/	2/
Kauai	40,164	5,634	9.9	2,051	12.7
Maui	41,930	10,754	9.1	3,984	12.3

1/ Based on Mainland poverty thresholds. Official Hawaii thresholds are about 15 percent higher. These data accordingly understate the number and percent of persons below the poverty level in Hawaii. Data also differ from estimates in Table 13.18.

2/ Regression estimates not formed because of a lack of data. These estimates are equal to the 1990 Census value and standard errors are not reported. 1995 Median income is also adjusted for inflation.

Source: U.S. Bureau of the Census, Small Area Income and Poverty Estimates Program, February 12, 1999.

**Table 13.15-- INCOME OF HOUSEHOLDS AND FAMILIES: 1989 TO 1995**

[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	1995	1989	1993	1995
Total	356,748	398,834	377,470	266,439	303,767	278,635
Less than \$5,000	13,393	9,548	10,838	5,411	5,147	1,544
\$5,000 to \$9,999	18,011	16,394	20,747	8,763	5,807	11,042
\$10,000 to \$14,999	21,657	20,378	21,809	13,306	12,255	16,024
\$15,000 to \$24,999	53,305	52,230	42,302	36,267	41,668	35,670
\$25,000 to \$34,999	52,186	62,051	50,532	38,048	34,741	30,723
\$35,000 to \$49,999	68,063	67,356	79,582	53,675	52,834	58,240
\$50,000 to \$74,999	73,616	98,013	67,996	62,526	86,333	52,077
\$75,000 to \$99,999	31,076	42,095	42,352	26,985	37,195	35,617
\$100,000 to \$149,999	17,640	24,514	26,847	14,901	22,849	23,884
\$150,000 or more	7,801	6,255	14,466	6,557	4,939	13,714
Median income (dollars)	38,829	42,662	42,851	43,176	49,797	(NA)

NA Not available.

Source: U.S. Bureau of the Census, Release CB92-47 (April 29, 1992), STF-3A, and Current Population Survey, March 1994 (special tabulation by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center) and for 1995, special tabulation by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, October 23, 1998.

**Table 13.16-- MEDIAN INCOME FOR FOUR-PERSON FAMILIES:  
FISCAL YEARS 1977 TO 2000**

[In dollars and number. Years ending September 30. Estimated by U.S. Bureau of the Census from the decennial Census of Population, Bureau of Economic Analysis estimates of per capita personal income, and the Current Population Survey]

Year	United States	Hawaii	Rank 2/
1977	14,747	17,069	2
1978	15,848	18,825	2
1979	17,315	20,113	2
1980	18,723	21,718	2
1981	20,428	22,475	3
1982	22,395	24,582	7
1983	24,332	27,514	4
1984	26,274	29,295	6
1985	27,619	30,019	9
1986	29,184	31,614	10
1987	31,097	33,445	11
1988	32,777	34,636	10
1989	34,716	36,618	11
1990	36,812	40,878	6
1991	39,051	42,353	8
1992	40,763	44,988	8
1993	41,451	50,234	6
1994	43,056	49,367	4
1995	44,615	50,821	4
1995 1/	44,251	50,856	5
1996	45,161	54,856	4
1997	47,012	56,992	5
1998	49,687	54,749	7
1999	51,518	57,909	6
2000	53,350	58,474	10

1/ Implementation of 1990 population controls in CPS estimates.

2/ Rank computed among the 50 states and the District of Columbia.

Source: U.S. Dept. of Health and Human Services, Office of Community Services, "State Median Income Estimates for Four-Person Families (Fiscal Year); Notice of the Fiscal Year 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". For 1977-99 U.S. Bureau of the Census, Median Income for 4-Person Families, By State, 1974-96 (FY 77-99) <<http://www.census.gov/hhes/income/4person.html>>. For 1996, *Federal Register*, March 30, 1995. For 1997-99: Federal Register Online via GPO Access: <<http://wais.access.gpo.gov>>. For 1997: [DOCID: fr19mr96-74], March 13, 1996; for 1998 [DOCID:fr17mr97-117], March 17, 1997; fo: 1999: [DOCID:fr20fe98-68], February 20, 1998; and for 2000, February 26, 1999: [DOCID:fr26fe99-75].

**Table 13.17-- INCOME TYPE AND PER CAPITA INCOME IN 1989, BY  
GEOGRAPHIC AREAS: 1990**

<b>Subject</b>	<b>State total</b>	<b>Oahu</b>	<b>Neighbor islands</b>
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 13.18-- POVERTY STATUS OF PERSONS: 1969, 1975, AND 1979 TO 1996**

[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	1986	109,000	10.7
1975	67,000	7.9	1987	95,000	8.8
1979	91,618	9.9	1988	117,000	11.1
1989	88,408	8.3	1989	122,000	11.3
			1990	121,000	11.0
CPS: 1/			1991	90,000	7.7
1980	81,000	8.5	1992	129,000	11.0
1981	108,000	11.3	1993	91,000	8.0
1982	132,000	13.2	1994	97,000	8.7
1983	135,000	13.4	1995	122,000	10.3
1984	92,000	9.3	1996	142,000	3/ 12.1
1985	109,000	10.7	1997 2/	(NA)	13.9

NA Not available.

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

2/ Standard error in 1997 was 1.92 for the poverty rate. For the entire United States in 1997, the poverty rate was 13.3 percent. Hawaii was the fourteenth lowest state in poverty rate in 1995.

3/ Revised from *Data Book 1997*.

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, No. 188 (February 1995), tables C and D, No. 194 (Sept. 1996), tables A and B; Release CB95-185 (October 5, 1995), and No. 194 (September, 1997), p. ix. *Statistical Abstract of the United States: 1995* (p. 482), *1996* (p. 474), *1997* (p. 477); and *1998* (p. 479). For 1997: U.S. Census Bureau Historical Poverty Tables-People, Table 19 <<http://www.census.gov/hhes/poverty/histpov/hstpov19.html>>.

**Table 13.19-- 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 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 13.19-- 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 13.20-- POVERTY INCOME GUIDELINES: 1993 TO 1999**

[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	Feb. 12, 1993	Feb. 10, 1994	Feb. 9, 1995	Mar. 4, 1996	Mar. 10, 1997	Feb. 24, 1998	Mar. 19, 1999
1	8,040	8,470	8,610	8,910	9,070	9,260	9,490
2	10,860	11,320	11,550	11,920	12,200	12,480	12,730
3	13,680	14,170	14,490	14,930	15,330	15,700	15,970
4 1/	16,500	17,020	17,430	17,940	18,460	18,920	19,210
5	19,320	19,870	20,370	20,950	21,590	22,140	22,450
6	22,140	22,720	23,310	23,960	24,720	25,360	25,690
7	24,960	25,570	26,250	26,970	27,850	28,580	28,930
8	27,780	28,420	29,190	29,980	30,980	31,800	32,170
Add'n member	2,820	2,850	2,940	3,010	2/ 3,130	3,220	3,240

1/ For 1998, corresponding levels for four-person families elsewhere in the United States were \$16,450 on the Mainland and \$20,570 in Alaska. For 1999, levels were \$16,700 on the Mainland and \$20,880 in Alaska.

2/ Correction to *Data Book 1997*.

Source: U.S. Department of Health and Human Services, "Annual Update of the HHS Poverty Guidelines," *Federal Register*, February 12, 1993, February 10, 1994, February 9, 1995, March 4, 1996, March 10, 1997, February 24, 1998 and March 18, 1999. Also for 1994-1999  
[http://www.access.gpo.gov/su\\_docs/aces/aces140.html](http://www.access.gpo.gov/su_docs/aces/aces140.html).

**Table 13.21-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1990-91 TO 1996-97**

[Annual averages for two-year periods. No data were released for 1995-96]

Item	1990-91	1991-92	1992-93	1993-94	1994-95	1996-97
Average annual expenditures	36,394	37,273	38,997	43,214	40,999	41,992
Food	5,634	6,333	7,104	6,815	5,918	5,672
Food at home	3,163	3,455	3,889	3,899	3,292	3,493
Cereals and bakery products	451	519	582	606	504	517
Meats, poultry, fish, and eggs	875	946	1,151	1,144	882	923
Dairy products	270	278	294	294	258	304
Fruits and vegetables	611	693	781	751	629	717
Other food at home	955	1,019	1,080	1,105	1,020	1,033
Food away from home	2,471	2,878	3,215	2,916	2,626	2,179
Alcoholic beverages	470	449	503	417	440	381
Housing	11,196	11,863	12,261	14,301	14,168	13,638
Shelter	7,432	8,080	8,352	9,957	9,720	9,371
Owned dwellings	3,744	3,775	4,163	5,399	5,244	5,458
Rented dwellings	3,369	4,000	3,837	3,896	3,734	3,584
Other lodging	319	305	351	662	742	329
Utilities, fuels, and public serv.	1,272	1,448	1,673	1,835	1,837	1,975
Household operations	552	509	430	532	653	387
Housekeeping supplies	488	514	483	489	446	526
Housefurnishings and equipment	1,451	1,313	1,324	1,489	1,511	1,379
Apparel and services	1,728	2,166	2,086	1,712	1,485	2,215
Transportation	6,052	5,628	5,490	2,259	6,350	7,955
Vehicle purchases (net outlay)	2,523	2,061	1,809	2,259	2,231	3,521
Gasoline and motor oil	852	759	819	937	911	1,046
Other vehicle expenses	1,818	1,972	2,083	2,246	2,329	2,357
Public transportation	859	837	780	942	879	1,032
Health care	1,623	1,557	1,661	1,910	1,848	1,618
Entertainment	1,618	1,534	1,652	1,870	1,958	2,041
Personal care prod. and services	498	515	496	528	502	709
Reading	209	204	203	233	230	216
Education	693	573	1,043	1,428	1,117	847
Tobacco prod. and smoking sup.	181	228	282	257	227	280
Miscellaneous	1,854	1,837	1,109	1,324	1,275	964
Cash contributions	1,179	1,139	1,029	1,253	1,113	892
Personal insurance and pensions	3,459	3,245	4,078	4,781	4,368	4,564
Life and other personal insur.	581	446	424	594	546	743
Pensions and Social Security	2,878	2,799	3,654	4,187	3,822	3,821

Continued on next page.

**Table 13.21-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1990-91 TO 1996-97--Con.**

Item	1990-91	1991-92	1992-93	1993-94	1994-95	1996-97
Consumer unit characteristics:						
Number of consumer units	242,000	266,000	265,000	257,000	274,000	263,000
Income before taxes (dollars) 1/	41,499	42,156	46,404	52,064	51,847	49,255
Age of reference person	49.0	48.8	48.2	49.3	49.8	49.6
Number of persons	2.8	2.6	2.7	2.8	2.7	2.9
Number of children under 18	0.7	(NA)	(NA)	0.7	0.6	0.7
Number of persons 65 and over	0.4	(NA)	(NA)	0.4	0.4	0.3
Number of earners	1.5	1.4	1.6	1.7	1.6	1.5
Number of vehicles	1.6	1.5	1.6	1.7	1.6	1.7
Percent homeowner	49	44	47	52	51	54

NA Not available.

1/ Components of income and taxes are derived from "complete income reporters" only.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Selected Western Metropolitan Statistical Areas: Average Annual Expenditures, Characteristics, and Sources of Income of Consumer Units* (annual) and <<http://stats.bls.gov/csxhome.htm>>.

**Table 13.22-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 1996-97**

[Annual averages for two-year periods. Number in units, unless otherwise specified. Expenditures in dollars]

Item	All consumer units in the West	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchorage	Phoenix	Denver	Honolulu	Honolulu Rank 1/
Average annual expenditures	37,413	39,400	44,668	37,974	40,050	40,440	51,276	36,537	41,718	41,992	3
Food	4,998	4,952	6,174	4,666	5,035	5,241	6,782	3,954	4,918	5,672	3
Food at home	3,078	2,950	3,810	2,791	3,218	3,261	4,363	2,240	2,820	3,493	3
Cereals and bakery products	467	428	577	426	501	483	709	350	415	517	3
Meats, poultry, fish, and eggs	753	788	969	649	790	758	1,052	445	629	923	3
Dairy products	339	314	382	343	332	349	445	262	359	304	8
Fruits and vegetables	549	539	814	478	538	550	794	335	460	717	3
Other food at home	971	880	1,068	895	1,056	1,122	1,364	848	958	1,033	5
Food away from home	1,920	2,003	2,364	1,874	1,817	1,980	2,418	1,715	2,099	2,179	3
Alcoholic beverages	350	304	558	346	387	425	443	322	551	381	6
Housing	12,706	14,950	15,074	15,065	12,937	14,226	16,273	12,715	13,218	13,638	6
Shelter	7,746	9,676	9,910	9,927	7,948	8,820	9,709	7,024	8,089	9,371	5
Owned dwellings	4,632	5,500	5,785	5,772	5,302	5,969	5,591	4,275	5,332	5,458	6
Rented dwellings	2,636	3,677	3,584	3,669	2,099	2,241	3,619	2,198	2,269	3,584	5
Other lodging	478	500	541	486	547	609	499	551	488	329	9
Utilities, fuels, and public services	2,140	2,267	2,217	1,974	2,131	2,199	2,427	2,682	2,066	1,975	8
Household operations	672	907	916	1,129	729	688	774	603	687	387	9
Housekeeping supplies	522	557	491	525	413	469	484	402	544	526	3
Housefurnishings and equipment	1,625	1,543	1,540	1,510	1,716	2,051	2,879	2,003	1,831	1,379	9
Apparel and services	1,750	1,804	2,021	1,682	2,138	1,952	1,623	1,790	2,310	2,215	2
Transportation	6,815	6,926	7,301	5,893	7,409	7,712	10,459	7,044	8,138	7,955	3
Vehicle purchases (net outlay)	2,772	2,270	2,684	1,967	3,598	3,521	5,136	2,833	3,286	3,521	3
Gasoline and motor oil	1,138	1,238	1,164	1,052	1,037	1,169	1,206	1,110	1,137	1,046	8

Continued on next page.

**Table 13.22-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 1996-97-- Con.**

Item	All consumer units in the West	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchorage	Phoenix	Denver	Honolulu	Honolulu Rank 1/
Transportation - con.:											
Other vehicle expenses	2,401	2,785	2,758	2,428	2,250	2,476	2,931	2,626	3,116	2,357	8
Public transportation	504	634	695	446	524	545	1,186	476	599	1,032	2
Health care	1,706	1,528	1,808	1,747	1,926	1,557	1,738	1,833	1,743	1,618	7
Entertainment	2,029	1,811	2,219	1,950	2,029	2,308	4,725	2,181	2,365	2,041	6
Personal care prod. & services	532	623	619	629	470	531	612	590	583	709	1
Reading	175	162	236	186	221	227	274	181	200	216	5
Education	594	461	787	602	727	636	857	359	641	847	2
Tobacco prod. & smoking supplies	209	155	211	177	298	266	413	222	239	280	3
Miscellaneous	942	981	1,021	590	974	959	1,064	638	997	964	6
Cash contributions	1,017	856	1,729	822	1,588	880	1,210	919	883	892	5
Personal insurance and pensions	3,591	3,886	4,910	3,617	3,911	3,521	4,803	3,789	4,930	4,564	4
Life and other personal insurance	310	273	327	278	450	306	549	255	503	743	1
Pensions and Social Security	3,280	3,613	4,584	3,340	3,461	3,215	4,254	3,534	4,426	3,821	4
Consumer unit characteristics:											
Number of consumer units (1,000)	22,488	5,032	2,789	930	1,020	1,249	86	1,097	1,002	263	8
Income before taxes (dollars)	42,125	47,595	52,562	43,229	43,885	45,276	58,133	46,832	52,591	49,255	4
Age of reference person	46.2	46.9	45.5	47.1	49	46.5	41.1	46.1	44.9	49.6	1
No. of persons	2.6	2.9	2.6	2.6	2.4	2.5	2.6	2.5	2.5	2.9	1
No. of children under 18	0.8	0.9	0.7	0.7	0.6	0.6	0.8	0.7	0.6	0.7	3
No. of persons 65 and over	0.3	0.3	0.2	0.3	0.3	0.2	0.1	0.3	0.2	0.3	2
No. of earners	1.4	1.4	1.5	1.2	1.4	1.4	1.4	1.3	1.5	1.5	1
No. of vehicles	2	1.9	1.8	1.6	2.3	2.2	2.4	1.8	2.1	1.7	8
Percent homeowner	58	51	56	48	63	63	56	59	65	54	7

1/ Within the nine Metropolitan Statistical Areas designated for the Western United States.

Source: U.S. Dept. of Labor, Bureau of Labor Statistics, *Selected Western Metropolitan Statistical Areas: Average Annual Expenditures, Characteristics, and Sources of Income of Consumer Units 1996-97* <<http://stats.bls.gov/csxhome.htm>>.

**Table 13.23-- TOP WEALTHHOLDERS: 1962 TO 1992**

[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
1992	32,280	39,198	3,543	35,655

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; Spring 1993, pp. 105-121; and Winter 1997-98, <[http://www.irs.treas.gov/prod/tax\\_stats/soi/est\\_pw.html/95PERWEL.EXE](http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PERWEL.EXE)>, April 24, 1998.

**Table 13.24--TOP WEALTHHOLDERS WITH TOTAL ASSETS OF \$600,000 OR MORE AND NET WORTH UNDER \$10,000,000, 1992: TOTAL AND SELECTED ASSETS, DEBTS, AND NET WORTH, U.S. AND HAWAII**

[Data are estimates based on samples. Amounts are in millions of dollars]

Category	United States	Hawaii	Hawaii as percent of U.S.
Top wealthholders: Number	3,654,920	32,280	0.9
Total assets: Amount	4,597,627	39,198	0.9
Debts: Number	3,074,310	27,840	0.9
Amount	560,088	3,543	0.6
Net worth: Number	3,654,920	32,280	0.9
Amount	4,037,539	35,655	0.9
Real estate: Number	3,327,000	31,000	0.9
Amount	1,425,542	21,396	1.5
Corporate estate stock: Number	2,778,160	21,530	0.8
Amount	1,028,498	4,544	0.4
Cash and money market accounts: Number	3,573,820	31,790	0.9
Amount	468,701	2,596	0.6
Total bonds: Number	1,950,190	15,510	0.8
Amount	516,723	1,902	0.4

Source: U. S. Department of Treasury, Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1997-98, April 24, 1998, <[http://www.irs.treas.gov/prod/tax\\_stats/soi/est\\_pw.html/95PERWEL.EXE](http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PERWEL.EXE)>.

**Table 13.25-- (NET) WORTH OF RICHEST RESIDENTS: 1994 TO 1998**

Name	Residence	Age (years)	Net worth (million dollars)	Primary sources
1994				
Anthony, Barbara Cox	Honolulu	71	2,900	Inheritance (Cox Enterprises)
Campbell family	Hawaii, other locations	...	800	Real estate
Kelley family	Honolulu	...	440	Hotels
Schuler, James K.	Honolulu	56	290	Real estate
1995				
Anthony, Barbara Cox	Honolulu	72	3,000	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family	Hawaii	...	850	Real estate
Damon family	Hawaii, California	...	700	Banking, real estate
Robinson family	Kauai, Hawaii	...	500	Real estate
1996				
Anthony, Barbara Cox	Honolulu	73	4,000	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family	Hawaii	...	1,000	Land, investments
Damon family	Hawaii, California	...	750	Banking, real estate
Robinson family	Kauai, Hawaii	...	450	Real estate
1997				
Anthony, Barbara Cox 1/	Honolulu	74	5,000	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	...	1,100	Land, investments
1998				
Anthony, Barbara Cox 1/	Honolulu	75	7,100	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	...	1,700	Land, investments

1/ Sisters Barbara and Anne Cox Chambers, of Atlanta, share a fortune. It was worth more than \$10 billion in 1997, and \$14 billion in 1998 (correction to published *Data Book 1998*). They have been members of the Forbes 400 since 1982.

2/ Forbes online database sorted by state yields only Ms. Anthony for Hawaii. The Campbell Family is misidentified without a "Hometown".

Source: "The Forbes Four Hundred," *Forbes*, October 17, 1994, pp. 100-348; October 16, 1995, pp 106-368; October 14, 1996, pp. 100-356. October 13, 1997 and October 12, 1998  
 <wysiwyg://9/http://www.forbes.com/tool/toolbox/rich97/index.asp>.