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**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1974 TO 2002**

[In millions of dollars]

Year	Value of production		Defense expenditures 2/	Visitor expenditures 3/
	Raw sugar and molasses 1/	Fresh and processed pineapple		
1974	676.6	127.1	(NA)	1,232.9
1975	366.1	136.7	(NA)	1,354.7
1976	257.0	144.5	(NA)	1,636.5
1977	226.8	161.6	(NA)	1,833.9
1978	285.2	162.8	(NA)	2,149.9
1979	345.7	206.4	(NA)	2,540.6
1980	594.1	226.5	(NA)	2,870.8
1981	327.9	217.6	(NA)	3,195.4
1982	351.5	206.0	(NA)	3,686.8
1983	410.2	219.0	2,197.7	3,847.2
1984	393.0	249.6	2,324.9	4,441.9
1985	340.8	222.5	2,551.6	5,081.4
1986	361.9	238.4	2,484.7	5,917.8
1987	335.9	251.4	2,502.9	6,676.3
1988	324.0	247.0	2,564.1	8,303.8
1989	322.0	241.9	2,805.8	8,905.1
1990	328.9	215.9	2,602.6	9,082.1
1991	270.7	224.6	2,935.8	9,817.7
1992	237.6	197.7	2,895.8	9,310.9
1993	251.9	140.6	2,928.2	8,472.3
1994	247.9	134.1	3,212.2	10,253.9
1995	200.2	135.0	2,900.6	11,107.2
1996	168.8	147.0	3,258.1	10,166.8
1997	132.5	136.7	3,178.6	10,491.0
1998	133.1	145.1	3,394.4	4/ 9,791.8
1999	131.3	144.8	3,355.8	4/ 9,777.8
2000	95.9	132.2	3,473.0	4/ 10,397.3
2001	90.6	136.6	3,727.6	4/ 9,194.6
2002	100.3	144.0	4,304.8	9,993.8

NA not available.

1/ Excludes government sugar support payments.

2/ Fiscal year ending September 30. Sum of categories "Wages and salaries" and "Procurement", excludes Grants to State and local government, Retirement and disability, direct payments to individuals, and direct payments to other than individuals.

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

4/ Revised 1998-2001 data had been introduced in Data Book 2002 which reflects a new methodology implemented for calculating visitor expenditures. Revision of earlier years is underway.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaiian Agriculture* (annual), records, and for 2001-2002 <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed February 12, 2004; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records, and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2002 <<http://harvester.census.gov/cffr/index.html>> accessed June 5, 2003.

**Table 13.02-- GROSS STATE PRODUCT, PER CAPITA GROSS STATE PRODUCT AND RESIDENT POPULATION: 1977 TO 2001**

[Current and real dollar GSP series for 1999-2000 were revised based on Gross State Product revision released by U.S. Bureau of Economic Analysis, May 22, 2003. 1977-1985 estimates of Real GSP were calculated by multiplying the Real dollar GSP for 1996, the base year, by the Chained 1996 quantity index for the years 1977-1985 divided by 100. Per capita estimates were calculated by DBEDT using U.S. Census resident population estimates revised on December 20, 2002 and have been revised for 1977 to 2000]

Year	Gross state product		Per capita gross state product		Resident Population 1/
	Millions of current dollars	Millions of 1996 dollars	Current dollars	1996 dollars	
1977	9,390	23,506	10,254	25,669	915,749
1978	10,520	24,556	11,326	26,438	928,816
1979	11,978	25,943	12,608	27,307	950,050
1980	13,435	26,618	13,883	27,506	967,710
1981	14,524	26,093	14,848	26,675	978,195
1982	15,506	26,093	15,603	26,256	993,780
1983	16,909	27,030	16,697	26,691	1,012,717
1984	18,550	27,855	18,046	27,098	1,027,922
1985	19,991	28,567	19,228	27,477	1,039,698
1986	21,536	29,464	20,476	28,014	1,051,762
1987	23,421	30,913	21,931	28,947	1,067,917
1988	26,019	33,028	24,096	30,586	1,079,827
1989	28,811	35,309	26,321	32,258	1,094,588
1990	32,268	38,134	28,979	34,247	1,113,491
1991	34,002	38,516	29,911	33,882	1,136,754
1992	35,549	39,120	30,682	33,765	1,158,613
1993	36,308	38,809	30,957	33,090	1,172,838
1994	36,766	38,332	30,960	32,279	1,187,536
1995	37,243	37,948	31,117	31,706	1,196,854
1996	37,490	37,490	31,144	31,144	1,203,755
1997	38,537	37,668	31,806	31,088	1,211,640
1998	39,371	37,622	32,398	30,959	1,215,233
1999	40,662	38,047	33,597	31,436	1,210,300
2000	42,524	38,860	35,066	32,045	1,212,670
2001	43,710	38,839	35,623	31,653	1,227,024

1/ As of July 1. The resident population for April 1, 1980 was 964,691, April 1, 1990 was 1,108,229 and April 1, 2000 was 1,211,537.

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry: 1977-2000, June 10, 2002 and <<http://www.bea.doc.gov/bea/regional/data.html>> accessed June 10, 2002; and U.S. Census Bureau, Population Division, "Table CO-EST2001-12-15 - Time Series of Hawaii Intercensal Population Estimates by County: April 1, 1990 to April 1, 2000" (April 17, 2002) <<http://eire.census.gov/popest/data/counties/tables/CO-EST2001-12/CO-EST2001-12-15.php>> accessed June 19, 2002; and "Table ST-2001EST-01 - Time Series of State Population Estimates: April 1, 2000 to July 1, 2002" (December 20, 2002) and <<http://eire.census.gov/popest/data/states/tables/ST-EST2002-01.php>> accessed May 22, 2003.

**Table 13.03-- GROSS STATE PRODUCT,  
HAWAII AND UNITED STATES: 1977 TO 2001**

[1977-1985 estimates of Real GSP were calculated by multiplying the Real dollar GSP for 1996, the base year, by the Chained 1996 quantity index for the years 1977-1985 divided by 100]

Year	Hawaii			United States		
	Millions of dollars		Chained 1996 quantity index (1996=100)	Millions of dollars		Chained 1996 quantity index [1996=100]
	Current	Real chained (1996) dollars		Current	Real chained (1996) dollars	
1977	9,390	23,506	62.7	1,985,693	4,521,518	58.6
1978	10,520	24,556	65.5	2,249,045	4,768,427	61.8
1979	11,978	25,943	69.2	2,503,867	4,915,029	63.7
1980	13,435	26,618	71.0	2,731,618	4,907,313	63.6
1981	14,524	26,093	69.6	3,069,751	5,030,767	65.2
1982	15,506	26,093	69.6	3,217,626	4,945,893	64.1
1983	16,909	27,030	72.1	3,446,583	5,092,495	66.0
1984	18,550	27,855	74.3	3,866,334	5,478,290	71.0
1985	19,991	28,564	76.2	4,151,449	5,702,051	73.9
1986	21,536	29,464	78.6	4,355,877	5,816,661	75.4
1987	23,421	30,913	82.5	4,683,245	6,072,815	78.7
1988	26,019	33,028	88.1	5,092,174	6,386,132	82.8
1989	28,811	35,309	94.2	5,411,353	6,538,634	84.7
1990	32,268	38,134	101.7	5,706,658	6,630,740	85.9
1991	34,002	38,516	102.7	5,895,430	6,615,685	85.7
1992	35,549	39,120	104.3	6,209,096	6,774,505	87.8
1993	36,308	38,809	103.5	6,513,026	6,918,388	89.7
1994	36,766	38,332	102.2	6,930,791	7,203,002	93.4
1995	37,243	37,948	101.2	7,309,516	7,433,965	96.3
1996	37,490	37,490	100.0	7,715,901	7,715,901	100.0
1997	38,537	37,668	100.5	8,224,960	8,093,396	104.9
1998	39,371	37,622	100.4	8,750,174	8,502,663	110.2
1999	40,662	38,047	101.5	9,251,541	8,882,613	115.1
2000	42,524	38,860	103.7	9,891,187	9,298,227	120.5
2001	43,710	38,839	103.6	10,137,190	9,335,399	121.0

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry: 1977-2001, May 22, 2003 and <<http://www.bea.doc.gov/bea/regional/gsp/>> accessed May 22, 2003; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.04-- GROSS STATE PRODUCT, BY INDUSTRY: 1977 TO 2001**

[In millions of current dollars. GSP estimates of private industries for 1987 forward are presented on the basis of the 1987 Standard Industrial Classification code (SIC). Estimates for earlier years are presented on the basis of the 1972 SIC.  
Data for 1999-2000 are revised]

Industry	1977	1982	1987	1992	1997	1998	1999	2000	2001
<b>Total, all industries</b>	9,390	15,506	23,421	35,549	38,537	39,371	40,662	42,524	43,710
Private industries	6,785	11,418	17,897	27,875	30,066	30,745	31,784	33,500	34,310
Agriculture, forestry, fisheries	217	340	445	499	463	472	489	497	504
Farms	187	293	343	311	282	288	297	287	288
Ag. serv. forestry, fisheries	31	47	102	188	181	184	192	210	216
Mining	1/	3	14	39	44	41	39	44	33
Construction	577	735	1,174	2,200	1,612	1,618	1,648	1,843	1,891
Manufacturing	518	698	1,005	1,254	1,063	1,013	1,202	1,208	1,173
Transp. commun, utilities	943	1,469	2,343	3,413	3,915	3,963	4,070	4,160	4,085
Wholesale trade	456	652	910	1,369	1,481	1,506	1,544	1,633	1,632
Retail trade	993	1,632	2,526	3,812	4,332	4,335	4,485	4,710	4,915
Finance, insurance, real estate	1,588	3,159	5,109	8,005	8,737	9,175	9,370	9,859	10,057
Real estate	1,260	2,461	3,824	6,454	7,120	7,154	7,405	7,595	7,780
Services	1,492	2,731	4,371	7,285	8,419	8,622	8,937	9,545	10,019
Hotels	427	768	1,097	1,701	2,106	2,056	2,141	2,378	2,432
Health services	312	603	988	1,766	2,134	2,219	2,240	2,384	2,490
Other than hotels and health	753	1,360	2,286	3,818	4,179	4,347	4,556	4,783	5,097
Government	2,604	4,088	5,523	7,674	8,471	8,626	8,878	9,024	9,400
Federal government	1,730	2,686	3,687	4,515	4,818	4,940	5,034	5,313	5,544
Civilian	681	1,125	1,414	1,730	2,004	2,127	2,201	2,355	2,409
Military	1,049	1,561	2,273	2,785	2,814	2,813	2,833	2,958	3,135
State and local government	874	1,402	1,836	3,159	3,653	3,686	3,845	3,711	3,855

1/ Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry, May 22, 2003 and <<http://www.bea.doc.gov/bea/regional/gsp/>>, accessed May 22, 2003 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.05-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2003**

[1969-2002 income data are revised]

Year	Personal income (\$ million)		Resident population (1,000's) 1/		Per capita personal income		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
1969	772,235.0	3,375.3	201,298	743	3,836	4,543	118.4
1970	832,429.0	3,886.0	203,799	763	4,085	5,094	124.7
1971	897,952.0	4,225.4	206,818	792	4,342	5,338	122.9
1972	987,137.0	4,652.8	209,275	818	4,717	5,687	120.6
1973	1,105,605.0	5,171.6	211,349	842	5,231	6,143	117.4
1974	1,217,556.0	5,944.9	213,334	858	5,707	6,928	121.4
1975	1,329,892.0	6,482.9	215,457	875	6,172	7,409	120.0
1976	1,469,467.0	7,041.4	217,554	892	6,754	7,891	116.8
1977	1,627,310.0	7,649.6	219,761	916	7,405	8,353	112.8
1978	1,831,117.0	8,464.9	222,098	929	8,245	9,114	110.5
1979	2,053,827.0	9,602.1	224,569	950	9,146	10,107	110.5
1980	2,298,255.0	11,073.0	227,225	968	10,114	11,443	113.1
1981	2,580,600.0	12,014.9	229,466	978	11,246	12,283	109.2
1982	2,764,886.0	12,714.9	231,664	994	11,935	12,794	107.2
1983	2,949,883.0	14,087.0	233,792	1,013	12,618	13,910	110.2
1984	3,275,805.0	15,352.1	235,825	1,028	13,891	14,935	107.5
1985	3,511,344.0	16,310.9	237,924	1,040	14,758	15,688	106.3
1986	3,708,199.0	17,225.1	240,133	1,052	15,442	16,377	106.1
1987	3,934,655.0	18,385.9	242,289	1,068	16,240	17,217	106.0
1988	4,237,460.0	20,161.5	244,499	1,080	17,331	18,671	107.7
1989	4,571,133.0	22,462.1	246,819	1,095	18,520	20,521	110.8
1990	4,861,936.0	24,704.0	249,623	1,113	19,477	22,186	113.9
1991	5,032,196.0	26,026.5	252,981	1,137	19,892	22,895	115.1
1992	5,349,384.0	27,909.7	256,514	1,159	20,854	24,089	115.5
1993	5,548,121.0	28,799.0	259,919	1,173	21,346	24,555	115.0
1994	5,833,906.0	29,424.1	263,126	1,188	22,172	24,777	111.7
1995	6,144,741.0	29,926.4	266,278	1,197	23,076	25,004	108.4
1996	6,512,485.0	30,122.3	269,394	1,204	24,175	25,024	103.5
1997	6,907,332.0	31,001.9	272,647	1,212	25,334	25,587	101.0
1998	7,415,709.0	31,756.7	275,854	1,215	26,883	26,132	97.2
1999	7,796,137.0	32,645.7	279,040	1,210	27,939	26,973	96.5
2000	8,422,074.0	34,450.9	282,178	1,212	29,847	28,417	95.2
2001	8,703,023.0	35,146.8	285,094	1,225	30,527	28,690	94.0
2002	8,900,007.0	37,064.4	287,974	1,241	30,906	29,875	96.7
2003	9,199,007.8	38,876.3	290,810	1,258	31,632	30,913	97.7

1/ Resident population as of July 1 of year indicated.

Source: U.S. Bureau of Economic Analysis, State Personal Income, April 27, 2004

<<http://www.bea.gov/bea/regional/spi/>> accessed April 27, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.06-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2003**

[1969-2002 income data are revised]

Year	Disposable personal income (\$ millions)		Resident population (1,000's) 1/		Per capita disposable personal income		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
1969	668,431.0	2,892.6	201,298	743	3,321	3,893	117.2
1970	730,003.0	3,348.4	203,799	763	3,582	4,389	122.5
1971	796,776.0	3,702.5	206,818	792	3,853	4,677	121.4
1972	864,050.0	4,023.7	209,275	818	4,129	4,918	119.1
1973	973,708.0	4,485.1	211,349	842	4,607	5,328	115.7
1974	1,067,041.0	5,183.3	213,334	858	5,002	6,040	120.8
1975	1,182,746.0	5,786.4	215,457	875	5,489	6,613	120.5
1976	1,297,655.0	6,238.6	217,554	892	5,965	6,991	117.2
1977	1,430,350.0	6,746.8	219,761	916	6,509	7,368	113.2
1978	1,602,345.0	7,408.6	222,098	929	7,215	7,976	110.5
1979	1,785,867.0	8,377.9	224,569	950	7,952	8,818	110.9
1980	2,000,112.0	9,684.0	227,225	968	8,802	10,007	113.7
1981	2,236,313.0	10,514.1	229,466	978	9,746	10,748	110.3
1982	2,411,721.0	11,337.3	231,664	994	10,410	11,408	109.6
1983	2,598,458.0	12,569.6	233,792	1,013	11,114	12,412	111.7
1984	2,899,298.0	13,747.7	235,825	1,028	12,294	13,374	108.8
1985	3,095,021.0	14,545.3	237,924	1,040	13,008	13,990	107.5
1986	3,271,998.0	15,322.2	240,133	1,052	13,626	14,568	106.9
1987	3,446,741.0	16,131.4	242,289	1,068	14,226	15,106	106.2
1988	3,733,639.0	17,664.1	244,499	1,080	15,271	16,358	107.1
1989	4,006,239.0	19,472.0	246,819	1,095	16,231	17,789	109.6
1990	4,270,546.0	21,455.6	249,623	1,113	17,108	19,269	112.6
1991	4,446,970.0	22,471.9	252,981	1,137	17,578	19,769	112.5
1992	4,739,861.0	24,588.8	256,514	1,159	18,478	21,223	114.9
1993	4,902,527.0	25,397.3	259,919	1,173	18,862	21,655	114.8
1994	5,144,175.0	25,970.7	263,126	1,188	19,550	21,869	111.9
1995	5,401,598.0	26,558.5	266,278	1,197	20,286	22,190	109.4
1996	5,681,339.0	26,585.8	269,394	1,204	21,089	22,086	104.7
1997	5,982,027.0	27,340.8	272,647	1,212	21,941	22,565	102.8
1998	6,389,738.0	27,910.1	275,854	1,215	23,163	22,967	99.2
1999	6,689,767.0	28,625.0	279,040	1,210	23,974	23,651	98.7
2000	7,187,588.0	30,111.4	282,178	1,212	25,472	24,837	97.5
2001	7,460,614.0	30,699.2	285,094	1,225	26,169	25,060	95.8
2002	7,848,231.0	33,054.7	287,974	1,241	27,253	26,643	97.8
2003	8,209,542.8	35,008.0	290,810	1,258	28,230	27,837	98.6

1/ Resident population as of July 1 of year indicated.

Source: U.S. Bureau of Economic Analysis, State Personal Income, April 27, 2004

<<http://www.bea.gov/bea/regional/spi/>> accessed April 27, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.



**Table 13.07-- PERSONAL INCOME BY MAJOR SOURCES, BY SIC INDUSTRY:  
1998 TO 2001**

[In millions of dollars. Industries are grouped according to the Standard Industrial Classification Code. 1998 to 2001 data are revised]

Item	1998	1999	2000	2001
PERSONAL INCOME	31,756.7	32,645.7	34,450.9	35,146.8
Earnings by place of work	24,412.5	25,133.1	26,478.3	27,163.5
Wage and salary disbursements	17,707.2	18,289.5	19,266.7	19,901.4
Suppl. to wages and salaries 1/	4,224.9	4,129.1	4,324.7	4,664.7
Proprietors' income	2,480.5	2,714.6	2,886.8	2,597.5
Farm proprietors' income	40.4	49.6	11.0	14.2
Nonfarm proprietors' income	2,440.2	2,665.0	2,875.9	2,583.3
Dividends, interest, and rent	6,099.9	6,191.2	6,567.2	6,412.3
Personal current transfer receipts 2/	3,735.9	3,882.4	4,073.7	4,342.7
Less: Contrib. for gov't social ins. 3/	2,491.6	2,561.0	2,668.3	2,771.7
Earnings by industry	24,412.5	25,133.1	26,478.3	27,163.5
Farm earnings	220.5	251.7	212.0	211.9
Nonfarm earnings	24,192.0	24,881.4	26,266.3	26,951.6
Private earnings	16,835.2	17,384.7	18,595.9	18,852.3
Ag. serv., forestry, fishing & oth.	145.8	151.5	162.0	162.5
Mining	27.9	31.0	33.8	33.3
Construction	1,391.4	1,402.4	1,568.0	1,592.7
Manufacturing	846.6	871.8	902.6	933.9
Durable goods	197.7	209.4	237.7	272.3
Nondurable goods	648.9	662.4	664.9	661.6
Transport. and public utilities	1,920.4	1,977.3	2,108.7	2,181.8
Wholesale trade	876.4	901.0	956.5	952.4
Retail trade	2,675.3	2,831.2	2,850.8	2,899.0
Finance, insur., and real estate	2,011.1	2,091.5	2,319.8	2,323.5
Services	6,940.2	7,127.0	7,693.8	7,773.1
Hotels and other lodging places	1,400.7	1,419.8	1,545.3	(NA)
Business services	872.9	993.8	1,108.2	(NA)
Health services	1,897.6	1,899.3	2,016.9	(NA)
Other	2,769.0	2,814.1	3,023.5	(NA)
Gov't and gov't enterprises	7,356.8	7,496.7	7,670.4	8,099.3
Federal	4,291.0	4,339.9	4,592.6	4,831.9
Federal, civilian	1,872.5	1,917.8	2,062.9	2,090.9
Military	2,418.5	2,422.0	2,529.7	2,741.0
State and local	3,065.8	3,156.8	3,077.8	3,267.5
State government	2,241.8	2,322.5	2,274.0	2,385.3
Local government	824.0	834.3	803.8	882.2

Continued on next page.

**Table 13.07-- PERSONAL INCOME BY MAJOR SOURCES, BY SIC INDUSTRY:  
1998 TO 2001 -- Con.**

NA Not available.

1/ This component of personal income consists of employer contributions for employee pension and insurance funds and of employer contributions for government social insurance.

2/ This component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses.

3/ These contributions, which are subtracted in the calculation of personal income, consist of personal contributions for government social insurance and employer contributions for government social insurance.

Source: U.S. Bureau of Economic Analysis, State Personal Income, April 27, 2004  
<<http://www.bea.doc.gov/bea/regional/spi>> accessed April 27, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism. For discussion, see the *Survey of Current Business*, May 2004 "Comprehensive Revision of State Personal Income: Preliminary Estimates for 2003 and Revised Estimates for 1969-2002" <<http://www.bea.doc.gov/bea/ARTICLES/2004/05May/0504RevSPI.pdf>>.

**Table 13.08-- PERSONAL INCOME BY MAJOR SOURCES, BY NAICS  
INDUSTRY: 2001 TO 2003**

[In millions of dollars. Industries are grouped according to the North American Industry Classification System effective 1997. 2001 and 2002 data are revised. 2003 data are preliminary]

Item	2001	2002	2003
PERSONAL INCOME	35,146.5	37,064.3	38,876.3
Earnings by place of work	27,163.5	28,788.0	30,556.3
Wage and salary disbursements	19,901.5	20,895.0	22,026.8
Suppl. to wages and salaries 1/	4,664.8	5,116.0	5,581.5
Proprietors' income	2,597.8	2,777.3	2,948.0
Farm proprietors' income	14.0	14.8	15.3
Nonfarm proprietors' income	2,583.3	2,762.3	2,933.0
Dividends, interest, and rent	6,412.3	6,520.5	6,518.8
Personal current transfer receipts 2/	4,342.8	4,723.3	4,961.5
Less: Contrib. for gov't social ins. 3/	2,771.8	2,967.5	3,160.5
Earnings by industry	27,163.8	28,788.0	30,556.0
Farm earnings	212.0	214.8	232.3
Nonfarm earnings	26,951.8	28,573.3	30,323.8
Private earnings	18,852.3	19,713.5	20,836.5
Forestry, fishing, related activities, and other	73.5	77.8	79.0
Mining	37.8	40.5	46.3
Utilities	219.0	225.0	243.8
Construction	1,705.0	1,865.8	2,050.8
Manufacturing	774.3	761.0	782.8
Durable goods manufacturing	(D)	(D)	(D)
Nondurable goods manufacturing	(D)	(D)	(D)
Wholesale trade	802.0	823.3	893.3
Retail Trade	2,084.3	2,118.0	2,221.3
Information	680.0	688.0	669.0
Finance and insurance	1,028.0	1,118.0	1,138.3
Real estate and rental and leasing	653.5	688.0	774.3
Professional and technical services	1,743.0	1,875.5	1,979.5
Management of companies and enterprises	400.8	474.5	494.3
Administrative and waste services	1,023.0	1,134.0	1,237.5
Educational services	379.0	403.5	436.5
Health care and social assistance	2,459.3	2,568.0	2,726.8
Accommodation and food services	2,297.3	2,360.5	2,502.5
Other services, except public administration	889.8	936.5	965.0
Government and government enterprises	8,099.3	8,859.8	9,487.5
Federal	4,831.8	5,203.8	5,634.0
Federal, civilian	2,091.0	2,270.5	2,447.5
Military	2,740.8	2,933.3	3,186.5
State and local	3,267.3	3,656.0	3,853.3

Continued on next page.

**Table 13.08-- PERSONAL INCOME BY MAJOR SOURCES, BY NAICS  
INDUSTRY: 2001 TO 2003 -- Con.**

D Estimate is suppressed to avoid disclosure of confidential information.

1/ This component of personal income consists of employer contributions for employee pension and insurance funds and of employer contributions for government social insurance.

2/ This component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses.

3/ These contributions, which are subtracted in the calculation of personal income, consist of personal contributions for government social insurance and employer contributions for government social insurance.

Source: U.S. Bureau of Economic Analysis, State Personal Income, April 27, 2004  
<<http://www.bea.doc.gov/bea/regional/spi>> accessed April 27, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism. For discussion, see the *Survey of Current Business*, May 2004 "Comprehensive Revision of State Personal Income: Preliminary Estimates for 2003 and Revised Estimates for 1969-2002" <<http://www.bea.doc.gov/bea/ARTICLES/2004/05May/0504RevSPI.pdf>>.

**Table 13.09-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
AND POPULATION BY COUNTY: 1969 TO 2002**

[Data for 1969-2001 are revised. Estimates incorporate the results of the comprehensive revision to state personal income released April 27,2004. The revised estimates also reflect the new and revised county-level source data. These estimates incorporate new OMB metropolitan area definitions released June 2003 (with revisions released February 2004) and Census Bureau midyear population estimates available as of April 2004]

<b>Year</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui and Kalawao</b>
Total (\$ millions)					
1969	3,375.3	2,868.5	225.5	110.8	170.6
1970	3,886.0	3,299.2	267.7	120.0	199.0
1971	4,225.4	3,572.0	300.6	133.4	219.3
1972	4,652.8	3,937.3	331.9	142.2	241.4
1973	5,171.6	4,375.3	368.8	159.7	267.8
1974	5,944.9	4,859.7	507.8	219.0	358.4
1975	6,482.9	5,391.6	503.4	209.6	378.3
1976	7,041.4	5,863.8	529.5	226.4	421.7
1977	7,649.6	6,346.7	581.7	248.3	472.9
1978	8,464.9	7,018.5	646.4	272.9	527.1
1979	9,602.1	7,934.9	741.3	313.0	613.0
1980	11,073.0	9,012.5	935.4	388.2	736.8
1981	12,014.9	9,896.3	944.7	399.6	774.3
1982	12,714.9	10,446.7	995.2	432.9	840.1
1983	14,087.0	11,468.3	1,133.0	492.2	993.5
1984	15,352.1	12,593.3	1,188.1	511.7	1,059.1
1985	16,310.9	13,369.5	1,241.3	549.4	1,150.8
1986	17,225.1	14,035.1	1,342.1	592.6	1,255.4
1987	18,385.9	14,964.3	1,429.4	632.9	1,359.3
1988	20,161.5	16,320.1	1,557.9	748.2	1,535.3
1989	22,462.1	18,029.6	1,789.6	868.7	1,774.2
1990	24,704.0	19,757.6	1,999.6	954.2	1,992.6
1991	26,026.5	20,738.1	2,167.6	1,033.4	2,087.4
1992	27,909.7	22,218.1	2,300.6	1,090.6	2,300.3
1993	28,799.0	22,826.5	2,418.5	1,133.1	2,421.0
1994	29,424.1	23,221.3	2,497.3	1,181.3	2,524.2
1995	29,926.4	23,565.3	2,552.2	1,226.0	2,583.0
1996	30,122.3	23,646.0	2,626.4	1,221.4	2,628.4
1997	31,001.9	24,363.5	2,693.9	1,238.4	2,706.1
1998	31,756.7	24,770.7	2,865.4	1,272.5	2,848.2
1999	32,645.7	25,302.8	2,987.1	1,319.4	3,036.5
2000	34,450.9	26,604.8	3,195.3	1,410.1	3,240.7
2001	35,146.8	26,914.8	3,404.4	1,416.9	3,410.7
2002	37,064.4	28,300.7	3,645.6	1,506.9	3,611.2

Continued on next page.

**Table 13.09-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2002-- Con.**

<b>Year</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui and Kalawao</b>
Per capita (dollars)					
1969	4,543	4,754	3,573	3,687	3,675
1970	5,094	5,289	4,213	4,050	4,327
1971	5,338	5,643	4,090	4,014	4,235
1972	5,687	5,922	4,747	4,462	4,688
1973	6,143	6,399	5,062	4,909	5,082
1974	6,928	6,962	6,872	6,731	6,679
1975	7,409	7,617	6,520	6,292	6,675
1976	7,891	8,179	6,580	6,511	7,008
1977	8,353	8,635	7,041	7,012	7,535
1978	9,114	9,478	7,546	7,436	7,993
1979	10,107	10,532	8,322	8,232	8,815
1980	11,443	11,799	10,069	9,861	10,288
1981	12,283	12,893	9,828	9,878	10,457
1982	12,794	13,461	10,073	10,355	10,896
1983	13,910	14,533	11,244	11,501	12,410
1984	14,935	15,785	11,476	11,727	12,764
1985	15,688	16,623	11,722	12,386	13,515
1986	16,377	17,318	12,386	13,004	14,365
1987	17,217	18,284	12,793	13,408	15,015
1988	18,671	19,804	13,733	15,411	16,374
1989	20,521	21,688	15,350	17,427	18,325
1990	22,186	23,562	16,447	18,465	19,591
1991	22,895	24,383	17,032	19,360	19,767
1992	24,089	25,717	17,478	20,034	21,184
1993	24,555	26,227	17,903	20,430	21,627
1994	24,777	26,430	18,134	20,917	21,997
1995	25,004	26,736	18,166	21,482	21,909
1996	25,024	26,766	18,505	21,173	21,778
1997	25,587	27,476	18,650	21,458	22,041
1998	26,132	27,929	19,648	21,998	22,850
1999	26,973	28,789	20,324	22,646	24,068
2000	28,417	30,383	21,409	24,089	25,141
2001	28,690	30,497	22,431	24,002	25,901
2002	29,875	31,707	23,547	25,132	27,087

Continued on next page.

**Table 13.09-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2002-- Con.**

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Population, as of July 1					
1969	743,000	603,438	63,104	30,044	46,414
1970	762,920	623,756	63,549	29,620	45,995
1971	791,580	633,043	73,508	33,245	51,784
1972	818,104	664,830	69,922	31,864	51,488
1973	841,851	683,772	72,856	32,530	52,693
1974	858,121	698,033	73,891	32,536	53,661
1975	875,052	707,866	77,212	33,305	56,669
1976	892,335	716,911	80,481	34,770	60,173
1977	915,749	734,962	82,610	35,414	62,763
1978	928,816	740,505	85,661	36,700	65,950
1979	950,050	753,428	89,069	38,016	69,537
1980	967,710	763,820	92,897	39,369	71,624
1981	978,195	767,573	96,122	40,457	74,043
1982	993,780	776,075	98,798	41,804	77,103
1983	1,012,717	789,097	100,764	42,796	80,060
1984	1,027,922	797,791	103,528	43,634	82,969
1985	1,039,698	804,294	105,900	44,357	85,147
1986	1,051,762	810,444	108,362	45,567	87,389
1987	1,067,917	818,447	111,735	47,203	90,532
1988	1,079,827	824,072	113,439	48,549	93,767
1989	1,094,588	831,337	116,585	49,847	96,819
1990	1,113,491	838,534	121,572	51,676	101,709
1991	1,136,754	850,510	127,266	53,379	105,599
1992	1,158,613	863,959	131,630	54,439	108,585
1993	1,172,838	870,348	135,085	55,461	111,944
1994	1,187,536	878,591	137,713	56,478	114,754
1995	1,196,854	881,399	140,492	57,068	117,895
1996	1,203,755	883,443	141,935	57,688	120,689
1997	1,211,640	886,711	144,445	57,712	122,772
1998	1,215,233	886,909	145,833	57,843	124,648
1999	1,210,300	878,906	146,970	58,264	126,160
2000	1,212,343	875,654	149,252	58,537	128,900
2001	1,225,038	882,550	151,773	59,031	131,684
2002	1,240,663	892,562	154,821	59,960	133,320

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Metropolitan Area Personal Income, May 25, 2004  
 <<http://www.bea.doc.gov/bea/regional/reis/>> accessed May 25, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.10-- ECONOMIC ESTIMATES AND PROJECTIONS: 2000 TO 2030**

[See also Section 1 for population projections from the same source]

Year	Gross state product (millions of 2000 dollars)	Personal income		Labor income (millions of 2000 dollars)	Total civilian employment
		Total personal income (millions of 2000 dollars)	Per capita personal income (2000 dollars)		
2000	42,524.0	34,384.0	28,354.0	23,468.0	566,100
2005	47,167.7	39,631.0	31,023.5	27,001.1	593,376
2010	52,498.5	44,862.2	33,339.4	30,437.4	621,451
2015	58,807.5	50,940.6	35,940.2	34,028.6	647,372
2020	65,657.1	57,715.0	38,779.9	37,930.3	672,912
2025	73,313.9	65,203.8	41,822.6	42,284.2	698,967
2030	81,549.1	73,150.1	44,905.5	47,143.2	725,838

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 2030*, forthcoming <<http://www2.hawaii.gov/dbedt/>>.



**Table 13.11-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 1999**

[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
1999	49,820	56,961	(NA)	2/ 36,808	2/ 29,831

NA Not available.

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

2/ Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions see <http://factfinder.census.gov/home/en/datanotes/expsf4.htm>.

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); and U.S. Census Bureau, *Census 2000, Table DP-3 Profile of Selected Economic Characteristics: 2000* (for 1999 data) <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002 and U.S. Census Bureau, *Census 2000 Summary File 4 (SF 4) - Sample Data, PCT133. Median Income in 1999 dollars, by sex, by work experience in 1999 for the Population 15 years and over with income.*

**Table 13.12-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2002**

[Based on small samples and subject to considerable sampling variation. From surveys taken 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 Census Bureau, as well as per capita personal income estimates produced by the Bureau of Economic Analysis. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

<b>Calendar year 1/</b>	<b>United States (dollars)</b>	<b>Hawaii (dollars)</b>	<b>Hawaii rank 2/</b>	<b>Hawaii as percent of US</b>
1974	14,747	17,069	2	115.7
1975	15,848	18,825	2	118.8
1976	17,315	20,113	2	116.2
1977	18,723	21,718	2	116.0
1978	20,428	22,475	3	110.0
1979	22,395	24,582	7	109.8
1980 3/	24,332	27,514	4	113.1
1981	26,274	29,295	6	111.5
1982	27,619	30,019	9	108.7
1983	29,184	31,614	10	108.3
1984	31,097	33,445	11	107.6
1985	32,777	34,636	10	105.7
1986	34,716	36,618	11	105.5
1987	36,812	40,878	6	111.0
1988	39,051	42,353	8	108.5
1989	40,763	44,988	8	110.4
1990	41,451	50,234	6	121.2
1991	43,056	49,367	6	114.7
1992	44,251	50,856	5	114.9
1993	45,161	54,856	4	121.5
1994	47,012	56,992	5	121.2
1995 4/	49,687	54,749	6	110.2
1996	51,518	57,909	6	112.4
1997	53,350	58,474	10	109.6
1998 5/	56,061	61,540	10	109.8
1999	59,981	66,402	7	110.7
2000	62,228	65,872	15	105.9
2001 6/	63,278	66,014	16	104.3
2002 7/	62,732	67,564	13	107.7

Continued on next page.

**Table 13.12-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2002 -- Con.**

1/ The term "calendar year" refers to the year the money income was received by the Current Population Survey respondents. Previous Data Book's tables included "fiscal year" (or, for this program, calendar year plus 3) which referred 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*.

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

3/ Implementation of 1980 census population controls in CPS estimates.

4/ Implementation of 1990 census population controls in CPS estimates.

5/ In 1999, The U.S. Bureau of Economic Analysis revised its methodology in estimating personal per capita income.

6/ Implementation of Census 2000-based population controls in CPS estimates.

7/ Prepared specifically from the CPS 2003 Annual Social and Economic Supplement File, 2000 Decennial Census of Population and Housing, and 2002 per capita personal income estimates.

Source: U.S. Bureau of the Census, Median Income for 4-Person Families, By State, 1974-01 (FY 77-2004) <<http://www.census.gov/hhes/income/4person.html>> accessed June 1, 2004; and Federal Register: March 17, 2004 (Volume 69, Number 52) <<http://frwebgate.access.gpo.gov/cgi-bin/multidb.cgi>> accessed June 1, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.13- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2002 DOLLARS: 1984 TO 2002**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

Year	Median income, 2-year moving averages 1/		
	United States (dollars)	Percent change	Standard error
1984-1985	37,285	(NA)	153
1985-1986	38,311	2.8	167
1986-1987	39,157	2.2	162
1987-1988	39,553	1.0	162
1988-1989	40,125	1.4	175
1989-1990	40,217	0.2	175
1990-1991	39,370	-2.1	160
1991-1992	38,636	-1.9	151
1992-1993	38,385	-0.6	148
1993-1994	38,507	0.3	146
1994-1995	39,328	2.1	168
1995-1996	40,217	2.3	179
1996-1997	40,925	1.8	162
1997-1998	42,095	2.9	183
1998-1999 2/	43,380	3.1	189
1999 2/-2000 3/	43,882	1.2	142
2000 3/-2001	43,374	-1.2	110
2001-2002	42,654	-1.7	111

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**Table 13.13- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2002 DOLLARS: 1984 TO 2002 -- Con.**

Year	Median income, 2-year moving averages 1/		
	Hawaii (dollars)	Percent change	Standard error
1984-1985	46,865	(NA)	1,772
1985-1986	45,784	-2.3	1,727
1986-1987	49,211	7.5	1,445
1987-1988	50,628	2.9	1,565
1988-1989	48,653	-3.9	1,656
1989-1990	50,498	3.8	1,539
1990-1991	49,943	-1.1	1,638
1991-1992	50,429	1.0	1,605
1992-1993	52,592	4.3	1,629
1993-1994	51,501	-2.1	2,091
1994-1995	50,465	-2.0	1,860
1995-1996	48,941	-3.0	1,521
1996-1997	46,703	-4.6	1,539
1997-1998	45,360	-2.9	1,740
1998-1999 2/	46,504	2.5	1,893
1999 2/-2000 3/	50,926	9.5	1,340
2000 3/-2001	51,010	0.2	1,036
2001-2002	47,748	-6.4	1,088

NA Not available.

1/ Median income in 2002 CPI-U-RS adjusted dollars The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. Base year was 2001 in Data Book 2002.

2/ Implementation of Census 2000-based population controls.

3/ Implementation of a 28,000 household sample expansion.

Source: U.S. Bureau of the Census, Historical Income Tables - Households, Table H-8A. Median Money Income of Households, by State: 1984 to 2002 (Two-year moving averages)

<<http://www.census.gov/hhes/income/histinc/h08a.html>> accessed July 14, 2004.

**Table 13.14- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2002 DOLLARS: 1984 TO 2002**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

Year	Median income, 3-year moving averages 1/		
	United States (dollars)	Standard error	Rank between 2/
1984-1986	37,848	135	22-and-23
1985-1987	38,654	140	23-and-24
1986-1988	39,361	139	24-and-25
1987-1989	39,863	144	22-and-23
1988-1990	40,067	148	21-and-22
1989-1991	39,741	143	20-and-21
1990-1992	39,074	133	23-and-24
1991-1993	38,520	127	23-and-24
1992-1994	38,498	125	23-and-24
1993-1995	38,981	136	22-and-23
1994-1996	39,720	144	22-and-23
1995-1997	40,593	146	22-and-23
1996-1998	41,564	150	22-and-23
1997-1999 3/	42,702	154	22-and-23
1998-2000 4/	43,536	142	21-and-22
1999 3/-2001	43,554	111	20-and-21
2000 4/-2002	43,052	95	24-and-25

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**Table 13.14- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2002 DOLLARS: 1984 TO 2002 -- Con.**

Year	Median income, 3-year moving averages 1/		
	Hawaii (dollars)	Standard error	Rank 2/
1984-1986	46,378	1,459	5
1985-1987	48,195	1,363	5
1986-1988	48,886	1,313	6
1987-1989	50,108	1,336	5
1988-1990	49,744	1,374	6
1989-1991	49,651	1,360	6
1990-1992	50,928	1,359	3
1991-1993	51,047	1,401	3
1992-1994	51,967	1,615	2
1993-1995	51,072	1,594	2
1994-1996	49,533	1,520	3
1995-1997	47,873	1,250	5
1996-1998	46,130	1,458	14
1997-1999 3/	46,248	1,477	16
1998-2000 4/	48,945	1,399	10
1999 3/-2001	50,015	1,050	9
2000 4/-2002	49,775	907	10

1/ Median income in 2002 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. Base year was 2001 in *Data Book 2002*.

2/ Rank among the 50 states and the District of Columbia. A rank of 1 indicates the highest median income and a rank for the United States average indicates its relative place among the 50 states and District of Columbia.

3/ Implementation of Census 2000-based population controls.

4/ Implementation of a 28,000 household sample expansion.

Source: U.S. Bureau of the Census, Historical Income Tables - Households, Median Money Income of Households, by State: 1984 to 2002 (Three-year moving averages)

<<http://www.census.gov/hhes/income/histinc/h08b.html>> accessed July 14, 2004; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.15-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND THE STATES, IN CONSTANT 2002 DOLLARS: 2004**

[These estimates are not direct counts from enumeration or administrative records, nor direct estimates from sample surveys. The state models use selected variables based on survey and administrative sources including income and poverty estimates derived from the March Current Population Survey (CPS) and personal income estimates from the Bureau of Economic Analysis. Estimating measures of uncertainty is an integral part of the overall process. Estimated standard errors provide a confidence interval around each income or poverty estimate that can be used to evaluate the quality of the estimates and help to form decisions about their use]

State	2004	Percentage change 2000 to 2004	Statistically significant
United States average	42,764	-2.5	yes
Alabama	38,550	4.2	yes
Alaska	53,474	-3.1	yes
Arizona	39,813	-4.2	yes
Arkansas	33,207	7.1	yes
California	47,689	-2.5	yes
Colorado	47,877	-5.0	yes
Connecticut	53,539	2.2	no
Delaware	50,221	-4.5	yes
District of Columbia	39,862	-7.4	yes
Florida	38,002	-6.3	yes
Georgia	43,292	-1.1	no
<b>Hawaii</b>	<b>48,299</b>	<b>-10.3</b>	<b>yes</b>
Idaho	38,478	-2.0	no
Illinois	49,705	-11.2	yes
Indiana	41,540	-2.7	yes
Iowa	42,691	-0.3	no
Kansas	43,421	1.3	no
Kentucky	37,372	-1.3	no
Louisiana	34,683	8.1	yes
Maine	37,492	-3.7	yes
Maryland	56,732	-0.4	no
Massachusetts	49,819	2.0	no
Michigan	42,906	-9.7	yes
Minnesota	55,400	-2.2	no
Mississippi	31,769	-11.3	yes
Missouri	43,181	-8.3	yes
Montana	35,553	3.9	yes

Continued on next page.



**Table 13.15-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND THE STATES, IN CONSTANT 2002 DOLLARS: 2004 -- Con.**

<b>State</b>	<b>2004</b>	<b>Percentage change 2000 to 2004</b>	<b>Statistically significant</b>
Nebraska	44,749	2.6	no
Nevada	45,278	-5.2	yes
New Hampshire	55,480	4.3	yes
New Jersey	54,913	4.3	yes
New Mexico	36,030	-1.7	no
New York	42,492	-0.1	no
North Carolina	36,487	-8.8	yes
North Dakota	38,953	3.6	yes
Ohio	43,035	-4.1	yes
Oklahoma	37,024	9.3	yes
Oregon	41,727	-6.0	yes
Pennsylvania	43,166	-2.0	no
Rhode Island	43,265	-1.8	no
South Carolina	38,103	-2.9	no
South Dakota	41,045	7.8	yes
Tennessee	37,693	5.9	yes
Texas	40,216	-0.3	no
Utah	47,370	-4.6	yes
Vermont	43,889	6.2	yes
Virginia	50,058	1.6	no
Washington	45,973	3.5	yes
West Virginia	29,640	-3.5	yes
Wisconsin	46,508	-1.2	no
Wyoming	40,608	-1.9	no

Source: *Honolulu Advertiser*, July 14, 2004 (p.A-2) where the primary source is Economy.com and the U.S. Census Bureau.

**Table 13.16-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND  
PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL,  
FOR COUNTIES AND SELECTED URBAN PLACES: 1999**

Geographic area	Median income (dollars)		Percent below poverty level 1/	
	Households	Families	Persons	Families
The State	49,820	56,961	10.7	7.6
Counties:				
Hawaii	39,805	46,480	15.7	11.0
Honolulu	51,914	60,118	9.9	7.0
Kalawao	9,333	26,250	40.1	-
Kauai	45,020	51,378	10.5	8.4
Maui	49,489	55,277	10.5	7.7
Census designated places				
Hilo	39,139	48,150	17.1	11.1
Honolulu	45,112	56,311	11.8	7.9
Kailua (Oahu)	72,784	79,118	5.4	3.3
Kaneohe	66,006	71,316	6.1	4.4
Pearl City	62,036	67,246	6.2	4.0
Waipahu	49,444	51,855	13.8	10.6
Kahului	46,656	52,610	11.8	9.7
Lihue	44,906	56,875	4.6	1.7

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. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000  
<<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>>,  
<<http://www.hawaii.gov/dbedt/census2k/profile-hawaii/index.html>>,  
<<http://www.hawaii.gov/dbedt/census2k/profile-honolulu/index.html>>,  
<<http://www.hawaii.gov/dbedt/census2k/profile-kauai/index.html>>, and  
<<http://www.hawaii.gov/dbedt/census2k/profile-maui/index.html>> accessed July 23, 2002.

**Table 13.17-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 1997 TO 2000**

Area	Median household income (dollars)	Persons in poverty 1/		Persons under 18 in poverty	
		Number	Percent	Number	Percent
1997 2/					
The State	43,627	130,644	11.1	48,849	16.2
By county:					
Hawaii	34,557	23,475	16.6	9,449	23.4
Honolulu	44,310	87,155	10.2	31,308	14.8
Kalawao	3/ 9,213	(4/)	(4/)	(4/)	(4/)
Kauai	38,877	6,847	12.1	2,916	18.6
Maui	40,647	13,167	10.8	5,176	15.8
1998 2/					
The State	41,627	122,841	10.5	44,568	15.0
By county:					
Hawaii	34,411	21,448	15.1	7,815	19.4
Honolulu	44,934	82,253	9.7	29,747	14.3
Kalawao	5/ 9,859	(4/)	(4/)	(4/)	(4/)
Kauai	38,553	6,428	11.3	2,402	15.4
Maui	40,635	12,712	10.4	4,605	14.1
1999 2/					
The State	44,755	124,495	10.5	42,650	14.5
By county:					
Hawaii	35,799	21,278	14.5	7,521	19.5
Honolulu	46,260	83,628	9.8	28,239	13.6
Kalawao	(6/)	(6/)	(6/)	(6/)	(6/)
Kauai	40,024	6,507	11.2	2,370	15.3
Maui	42,765	13,082	10.2	4,520	13.9

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**Table 13.17-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 1997 TO 2000 -- Con.**

Area	Median household income (dollars)	Persons in poverty 1/		Persons under 18 in poverty	
		Number	Percent	Number	Percent
2000 2/ The State	49,005	118,357	9.9	41,074	14.3
By county:					
Hawaii	38,601	20,458	13.8	7,570	19.4
Honolulu	50,799	79,578	9.3	27,020	13.5
Kalawao	(6/)	(6/)	(6/)	(6/)	(6/)
Kauai	43,142	6,031	10.3	2,147	14.4
Maui	47,202	12,291	9.4	4,336	13.5

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/ Congressional action required state estimates of poverty every year and local estimates every two years. The local estimates were available for only odd-numbered years prior to 1998.

3/ Prediction variables were unavailable. Estimates shown are 1990 census values inflated to 1997 dollars.

4/ Regression estimates not formed because of a lack of data. 1990 Census figures show that there are few poor; the model-based estimates are set to zero and the confidence intervals are not formed.

5/ Prediction variables were unavailable. Estimates shown are 1990 census values inflated to 1998 dollars.

6/ Due to the lack of administrative records, a model based estimate is not produced for Kalawao County.

The Census Bureau suggests that those interested refer to Census 2000 data.

Source: U.S. Bureau of the Census, Small Area Income and Poverty Estimates Program, February 12, 1999; *ibid.* November 3, 1999; *ibid.* November 16, 2000; and *ibid.* December 19, 2001; and accessed December 21, 2001

<<http://www.census.gov/hhes/www/saibe/stcty/estimate.html>> or

<<http://www.census.gov/hhes/www/saibe/stcty/sc98ftpdoc.html>>

<[http://www.census.gov/housing/saibe/estmod99/est99\\_HI.dat](http://www.census.gov/housing/saibe/estmod99/est99_HI.dat)> accessed September 27, 2003 and

<[http://www.census.gov/housing/saibe/estmod00/est00\\_HI.dat](http://www.census.gov/housing/saibe/estmod00/est00_HI.dat)> accessed November 21, 2003.

These and previous estimates are also available <<http://www.census.gov/hhes/www/saibe/estimatetoc.html>>.

**Table 13.18-- INCOME OF HOUSEHOLDS AND FAMILIES: 1999**

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.hawaii.gov/dbedt/census2k/about-sf3.pdf>>]

Income	Households		Families	
	Number	Percent	Number	Percent
Total	403,572	100.0	289,012	100.0
Less than \$10,000	31,937	7.9	13,619	4.7
\$10,000 to \$14,999	18,572	4.6	9,315	3.2
\$15,000 to \$24,999	42,232	10.5	25,394	8.8
\$25,000 to \$34,999	46,226	11.5	30,133	10.4
\$35,000 to \$49,999	63,485	15.7	45,032	15.6
\$50,000 to \$74,999	82,997	20.6	66,592	23.0
\$75,000 to \$99,999	51,284	12.7	42,440	14.7
\$100,000 to \$149,999	44,867	11.1	38,415	13.3
\$150,000 to \$199,999	12,003	3.0	10,115	3.5
\$200,000 or more	9,969	2.5	7,957	2.8
Median household income (dollars)	49,820	(X)	56,961	(X)

X Not applicable.

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed October 6, 2003.

**Table 13.19-- INCOME TYPE AND PER CAPITA INCOME IN 1999, BY GEOGRAPHIC AREAS: 2000**

Subject	State total	City and County of Honolulu	County of Hawaii	County of Kalawao	County of Kauai	County of Maui
Households	403,572	286,731	52,945	132	20,201	43,563
With earnings	334,392	239,649	41,559	73	16,346	36,765
Mean earnings (dollars)	58,733	60,958	48,098	19,528	53,740	58,549
With Social Security income	112,350	78,836	15,844	44	6,056	11,570
Mean Social Security income (dollars)	11,611	11,622	11,546	8,138	11,372	11,771
With Supplemental Security income	14,455	10,067	2,289	-	637	1,462
Mean Supplemental Security income (dollars)	6,515	6,507	6,524	-	7,246	6,234
With public assistance income	28,886	19,423	5,158	-	1,573	2,732
Mean public assistance income (dollars)	4,616	4,647	4,630	-	4,371	4,511
With retirement income	85,662	62,909	10,857	29	4,251	7,616
Mean retirement income (dollars)	20,419	21,281	18,243	7,210	16,942	18,396
Per capita income (dollars)	21,525	21,998	18,791	13,757	20,301	22,033

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000  
 <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002.

**Table 13.20-- POVERTY STATUS OF PERSONS: 1969, 1975, AND 1979 TO 2002**

[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	1988	117,000	11.1
1975	67,000	7.9	1989	122,000	11.3
1979	91,618	9.9	1990	121,000	11.0
1989	88,408	8.3	1991	90,000	7.7
1999	126,154	10.7	1992	133,000	11.2
CPS: 1/					
1980	81,000	8.5	1993	91,000	8.0
1981	108,000	11.3	1994	97,000	8.7
1982	132,000	13.2	1995	122,000	10.3
1983	129,000	12.9	1996	142,000	12.1
1984	92,000	9.3	1997	164,000	13.9
1985	109,000	10.7	1998	131,000	10.9
1986	109,000	10.7	1999 2/	133,000	10.8
1987	95,000	8.8	2000	106,000	8.9
			2001 3/	138,000	11.4
			2002 3/	138,000	11.3

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

2/ Revised from previous year's *Data Book*.

3/ Standard error in 2001 was 1.05 and 1.04 in 2002 for the poverty rate. For the United States in 2001, the poverty rate was 11.7 percent, and in 2002 it was 12.1 percent.

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; *2000 Census of Population, Poverty 1999: Census 2000 Brief* C2KBR-19 (May 2003), table 3; U.S. Census Bureau Historical Poverty Tables - People, Table 21

<<http://www.census.gov/hhes/poverty/histpov/hstpov21.html>> accessed June 29, 2004.

**Table 13.21-- POVERTY STATUS IN 1999, FOR THE STATE AND COUNTIES: 2000**

[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 1999 of families and persons surveyed in April 2000]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All families	22,101	14,477	4,084	-	1,224	2,316
Percent below poverty level	7.6	7.0	11.0	-	8.4	7.7
With related children under 18 years	17,182	11,108	3,334	-	995	1,745
Percent below poverty level	11.3	10.3	17.1	-	12.3	10.6
With related children under 5 years	8,470	5,476	1,556	-	434	1,004
Percent below poverty level	13.9	12.3	22.3	-	14.7	15.4
Female householder families	10,024	6,616	1,843	-	608	957
Percent below poverty level	20.6	19.2	28.1	-	24.5	18.9
With related children under 18 years	8,737	5,671	1,684	-	528	854
Percent below poverty level	29.5	28.3	37.0	-	30.5	25.6
With related children under 5 years	3,879	2,441	747	-	215	476
Percent below poverty level	37.4	34.2	49.7	-	38.7	40.9
All individuals	126,154	83,937	22,821	59	6,085	13,252
Percent below poverty level	10.7	9.9	15.7	40.1	10.5	10.5
18 years and over	85,612	57,782	14,619	59	3,985	9,167
Percent below poverty level	9.6	9.0	13.5	4.1	9.3	9.7
65 years and over	11,683	8,614	1,391	44	546	1,088
Percent below poverty level	7.4	7.4	7.2	60.3	6.8	7.5
With related children under 18 years	38,730	25,080	7,873	-	1,994	3,783
Percent below poverty level	13.5	12.4	21.0	-	13.2	12.0
With related children under 5 years	27,159	17,612	5,718	-	1,455	2,374
Percent below poverty level	12.9	12.0	19.8	-	12.6	10.1
Unrelated individuals 15 years and over	46,365	31,136	7,819	59	1,958	5,393
Percent below poverty level	24.4	23.8	30.4	50.0	22.0	22.1

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000  
 <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002.



**Table 13.22-- POVERTY INCOME GUIDELINES: 1993 TO 2004**

[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	1	2	3	4 1/	5	6	7	8	Add'n member
Feb. 12, 1993	8,040	10,860	13,680	16,500	19,320	22,140	24,960	27,780	2,820
Feb. 10, 1994	8,470	11,320	14,170	17,020	19,870	22,720	25,570	28,420	2,850
Feb. 9, 1995	8,610	11,550	14,490	17,430	20,370	23,310	26,250	29,190	2,940
Mar. 4, 1996	8,910	11,920	14,930	17,940	20,950	23,960	26,970	29,980	3,010
Mar. 10, 1997	9,070	12,200	15,330	18,460	21,590	24,720	27,850	30,980	3,130
Feb. 24, 1998	9,260	12,480	15,700	18,920	22,140	25,360	28,580	31,800	3,220
Mar. 19, 1999	9,490	12,730	15,970	19,210	22,450	25,690	28,930	32,170	3,240
Feb. 15, 2000	9,590	12,930	16,270	19,610	22,950	26,290	29,630	32,970	3,340
Feb. 16, 2001	9,890	13,360	16,830	20,300	23,700	27,240	30,710	34,180	3,470
Feb. 14, 2002	10,200	13,740	17,280	20,820	24,360	27,900	31,440	34,980	3,540
Feb. 7, 2003	10,330	13,940	17,550	21,160	24,770	28,380	31,990	35,600	3,610
Feb. 13, 2004	10,700	14,360	18,020	21,680	25,340	29,000	32,660	36,320	3,660

1/ For 2004, corresponding levels for four-person families elsewhere in the United States were \$18,850 on the Mainland and \$23,570 in Alaska. For 2003, those levels were \$18,400 on the Mainland and \$23,000 in Alaska. For 2002, those levels were \$18,100 on the Mainland and \$22,630 in Alaska. For 2001, levels were \$17,650 on the Mainland and \$22,070 in Alaska. For 2000, \$17,050 on the Mainland and \$21,320 in Alaska. For 1999, \$16,700 on the Mainland and \$20,880 in Alaska.

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; March 18, 1999, February 15, 2000, February 16, 2001, February 14, 2002, March 18, 2003 and February 13, 2004. Also for 1994-2004 <[http://www.access.gpo.gov/su\\_docs/aces/aces140.html](http://www.access.gpo.gov/su_docs/aces/aces140.html)>; for 2000, under Health and Human Services<[http://www.access.gpo.gov/su\\_docs/fedreg/a000215c.html](http://www.access.gpo.gov/su_docs/fedreg/a000215c.html)>; for 2001, under Health and Human Services <[http://www.access.gpo.gov/su\\_docs/fedreg/a010216c.html](http://www.access.gpo.gov/su_docs/fedreg/a010216c.html)>; for 2002, under Health and Human Services <[http://www.access.gpo.gov/su\\_docs/fedreg/a020214c.html](http://www.access.gpo.gov/su_docs/fedreg/a020214c.html)> accessed March 19, 2002; <<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-3018.pdf>> accessed April 10, 2003; and <<http://aspe.hhs.gov/poverty/04poverty.shtml>> accessed February 18, 2004.

**Table 13.23-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1997-1998 TO 2001-2002**

[Annual averages for two-year periods]

Item	1997-98	1998-99	1999-2000	2000-2001	2001-2002
Average annual expenditures	42,636	42,474	41,972	43,024	43,458
Food	6,206	6,300	5,771	6,722	6,418
Food at home	3,479	3,423	3,278	3,935	3,879
Cereals and bakery products	523	501	485	582	542
Meats, poultry, fish, and eggs	974	935	828	1,152	1,182
Dairy products	281	298	308	345	336
Fruits and vegetables	725	690	649	765	750
Other food at home	976	999	1,009	1,091	1,069
Food away from home	2,727	2,877	2,493	2,788	2,539
Alcoholic beverages	467	406	409	554	489
Housing	14,775	14,676	14,084	13,903	14,207
Shelter	10,233	10,079	9,717	9,460	9,470
Owned dwellings	6,290	6,156	5,704	4,966	4,810
Rented dwellings	3,602	3,403	3,404	3,986	4,030
Other lodging	341	520	610	509	630
Utilities, fuels, and public serv.	2,011	2,032	2,113	2,182	2,200
Household operations	419	514	630	647	569
Housekeeping supplies	540	554	497	539	567
Housefurnishings and equipment	1,571	1,497	1,127	1,075	1,402
Apparel and services	1,876	1,995	1,974	1,761	1,597
Transportation	6,845	5,354	5,775	6,523	7,230
Vehicle purchases (net outlay)	2,394	999	1,553	2,329	3,040
Gasoline and motor oil	1,111	1,060	1,071	1,176	1,124
Other vehicle expenses	2,427	2,262	2,101	2,103	2,194
Public transportation	913	1,033	1,050	915	873
Health care	1,905	2,188	2,211	2,252	2,365
Entertainment	1,906	2,083	1,997	2,066	2,249
Personal care prod. and services	617	638	702	691	594
Reading	207	193	182	163	161
Education	1,141	1,147	906	864	1,088
Tobacco prod. and smoking sup.	222	217	230	247	297
Miscellaneous	962	978	978	763	759
Cash contributions	782	1,410	1,926	1,672	1,278
Personal insurance and pensions	4,724	4,890	4,826	4,844	4,727
Life and other personal insur.	777	687	655	636	641
Pensions and Social Security	3,947	4,203	4,171	4,208	4,086

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**Table 13.23-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1997-1998 TO 2001-2002 -- Con.**

Item	1997-98	1998-99	1999-2000	2000-2001	2001-2002
Consumer unit characteristics:					
Number of consumer units	275,000	298,000	294,000	279,000	276,000
Income before taxes (dollars) 1/	53,461	53,537	51,906	54,819	56,000
Age of reference person	50.4	51.9	52.6	52.9	53.9
Number of persons	3.0	2.9	2.7	2.8	2.8
Number of children under 18	0.8	0.7	0.6	0.7	0.7
Number of persons 65 and over	0.4	0.4	0.4	0.4	0.5
Number of earners	1.5	1.5	1.5	1.5	1.4
Number of vehicles	1.8	1.7	1.6	1.6	1.6
Percent homeowner	56	57	56	52	53

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) <<http://www.bls.gov/cex/csxmsa.htm>> and for 2000-2001 <<ftp://ftp.bls.gov/pub/special.requests/ce/msa/y0001/west.TXT>> and for 2001-2002 <<ftp://ftp.bls.gov/pub/special.requests/ce/msa/y0102/west.txt>> accessed December 12, 2003.

**Table 13.24-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 2001-2002**

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

Item	All consumer units in the West	Hono-lulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchor-age	Phoenix	Denver
Average annual expenditures	44,002	43,458	47,459	55,346	42,588	43,358	48,348	56,169	41,615	49,014
Food	5,590	6,418	5,883	6,453	5,036	5,203	6,019	6,993	5,252	5,819
Food at home	3,250	3,879	3,215	3,423	2,734	2,971	4,143	4,056	3,029	3,442
Cereals and bakery products	462	542	438	498	367	414	574	547	456	514
Meats, poultry, fish, and eggs	811	1,182	862	826	721	671	1,028	1,016	721	789
Dairy products	356	336	347	359	307	344	430	431	337	401
Fruits and vegetables	606	750	633	733	510	485	722	709	542	606
Other food at home	1,015	1,069	936	1,007	829	1,058	1,390	1,352	974	1,132
Food away from home	2,340	2,539	2,668	3,029	2,301	2,232	1,875	2,937	2,222	2,377
Alcoholic beverages	410	489	414	605	354	493	443	529	473	534
Housing	15,150	14,207	17,602	21,127	17,050	15,095	16,621	17,299	13,897	16,862
Shelter	9,618	9,470	11,675	14,592	11,465	9,476	10,685	10,628	8,116	10,590
Owned dwellings	6,043	4,810	7,021	8,960	6,883	6,180	6,991	6,323	4,912	6,708
Rented dwellings	3,011	4,030	4,065	4,932	4,138	2,681	3,047	3,699	2,657	3,410
Other lodging	564	630	589	700	443	614	647	607	548	472
Utilities, fuels, and public services	2,504	2,200	2,576	2,645	2,454	2,631	2,753	2,656	2,695	2,626
Household operations	766	569	1,012	1,326	935	808	800	950	699	829
Housekeeping supplies	525	567	478	514	429	377	572	592	550	584
Housefurnishings and equipment	1,737	1,402	1,861	2,050	1,767	1,804	1,811	2,472	1,837	2,232
Apparel and services	1,786	1,597	2,001	2,245	1,435	1,586	1,753	1,992	1,537	1,712
Transportation	8,355	7,230	8,861	9,223	7,806	6,989	9,680	10,860	8,197	10,077
Vehicle purchases (net outlay)	3,808	3,040	3,923	3,962	3,424	2,673	4,424	5,242	3,632	4,676
Gasoline and motor oil	1,366	1,124	1,475	1,472	1,335	1,235	1,392	1,455	1,253	1,297

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**Table 13.24-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 2001-2002-- Con.**

Item	All consumer units in the West	Honolulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchor-age	Phoenix	Denver
Transportation - con.:	2,713	2,194	2,955	2,962	2,643	2,511	3,337	3,211	2,876	3,601
Other vehicle expenses	468	873	508	828	404	570	528	953	436	503
Public transportation	2,221	2,365	2,031	2,349	1,884	2,353	2,326	2,484	2,241	2,393
Health care	2,339	2,249	2,301	2,383	1,965	2,711	2,835	4,297	2,436	2,633
Entertainment	545	594	608	555	519	506	556	628	544	637
Personal care products and services	160	161	158	270	145	218	172	290	142	141
Reading	874	1,088	826	1,073	504	750	889	729	444	617
Education	238	297	190	228	195	302	303	508	298	307
Tobacco products and smoking supplies	869	759	1,037	997	869	1,107	848	1,387	785	1,075
Miscellaneous	1,324	1,278	1,223	1,544	925	1,468	1,086	1,891	1,131	1,495
Cash contributions	4,141	4,727	4,325	6,294	3,903	4,577	4,816	6,280	4,238	4,713
Personal insurance and pensions	340	641	318	357	377	326	392	543	387	447
Life and other personal insurance	3,801	4,086	4,007	5,936	3,526	4,251	4,424	5,737	3,851	4,265
Pensions and Social Security										
Consumer unit characteristics:										
Number of consumer units (thousands)	24,643	276	5,026	2,768	852	1,098	1,525	99	1,233	1,239
Income before taxes (dollars)	51,003	56,000	55,543	75,270	47,722	52,021	58,488	63,144	48,021	60,983
Age of reference person	46.7	53.9	47.4	48.0	49.3	45.8	45.8	43.3	46.5	43.9
No. of persons	2.6	2.8	2.8	2.5	2.6	2.5	2.4	2.7	2.5	2.5
No. of children under 18	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.8	0.7	0.6
No. of persons 65 and over	0.3	0.5	0.3	0.3	0.3	0.2	0.2	0.1	0.3	0.2
No. of earners	1.4	1.4	1.5	1.4	1.3	1.4	1.5	1.6	1.4	1.5
No. of vehicles	2.0	1.6	1.9	1.9	1.8	2.4	2.3	2.7	1.8	2.2
Percent homeowner	61	53	55	61	55	63	64	61	61	64

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 2001-2002* <ftp://ftp.bls.gov/pub/special.requests/ce/msa/y0102/west.txt> accessed December 12, 2003.

**Table 13.25-- TOP WEALTHHOLDERS: 1962 TO 1998**

[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
1995	24,000	25,944	2,745	23,199
Gross estate over \$625,000:				
1998	25,000	30,986	4,133	26,853

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; Winter 1997-98, and Winter 1999-2000, Table 6. Also, <[http://www.irs.ustreas.gov/prod/tax\\_stats/soi/soi\\_bul.html](http://www.irs.ustreas.gov/prod/tax_stats/soi/soi_bul.html)> and for 1995 <[http://www.irs.treas.gov/prod/tax\\_stats/soi/est\\_pw.html/95PWART.EXE](http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PWART.EXE)> accessed July 26, 2002; and Winter 2002-2003 Issue, *Personal Wealth 1998*, table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003.

**Table 13.26--TOP WEALTHHOLDERS WITH TOTAL ASSETS OF \$600,000 OR MORE AND NET WORTH UNDER \$10,000,000; TOTAL AND SELECTED ASSETS, DEBTS, AND NET WORTH, U.S. AND HAWAII: 1995 AND 1998**

[Data are estimates based on samples. Numbers are in thousands.  
Amounts are in millions of dollars. For 1998, assets of \$625,000 or more]

Category	United States	Hawaii	Hawaii as percent of U.S.
<b>1995</b>			
Top wealthholders: Number	4,360	24	0.6
Total assets: Amount	5,482,241	25,944	0.5
Debts: Number	3,433	20	0.6
Amount	580,279	2,745	0.5
Net worth: Number	4,360	24	0.6
Amount	4,901,962	23,199	0.5
Real estate: Number	3,963	23	0.6
Amount	1,580,544	12,807	0.8
Corporate estate stock: Number	3,358	15	0.4
Amount	1,297,053	3,796	0.3
Cash and money market accounts: Number	4,171	23	0.6
Amount	360,360	1,613	0.4
Total bonds: Number	2,360	8	0.3
Amount	571,283	1,790	0.3
<b>1998</b>			
Top wealthholders: Number	6,501	25	0.4
Total assets: Amount	9,616,127	30,986	0.3
Debts: Number	4,995	21	0.4
Amount	879,931	4,133	0.5
Net worth: Number	6,501	25	0.4
Amount	8,736,196	26,853	0.3
Real estate: Number	5,834	23	0.4
Amount	2,449,146	10,588	0.4
Corporate estate stock: Number	5,218	19	0.4
Amount	3,130,272	9,881	0.3
Cash: Number	3,422	16	0.5
Amount	893,940	1,578	0.2
Total bonds: Number	6,336	24	0.4
Amount	927,827	3,248	0.4

Source: U. S. Department of Treasury, Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1999-2000, Table 6. Also, [http://www.irs.ustreas.gov/prod/tax\\_stats/soi/soi\\_bul.html](http://www.irs.ustreas.gov/prod/tax_stats/soi/soi_bul.html) and for 1995 <[http://www.irs.treas.gov/prod/tax\\_stats/soi/est\\_pw.html/95PWART.EXE](http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PWART.EXE)> accessed July 26, 2002; and *Winter 2002-2003 Issue, Personal Wealth 1998*, table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003.

**Table 13.27-- (NET) WORTH OF RICHEST RESIDENTS: 1998 TO 2003**

Name	Residence	Age (years)	Net worth (million dollars)	Primary sources
1998				
Anthony, Barbara Cox 1/	Honolulu	75	7,100	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	(X)	1,700	Land, investments
1999				
Anthony, Barbara Cox 1/	Honolulu	76	9,700	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	(X)	1,700	Land, investments
2000				
Anthony, Barbara Cox 1/	Honolulu	77	10,000	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	(X)	1,700	Land, investments
2001				
Anthony, Barbara Cox 1/	Honolulu	78	11,300	Inheritance (Cox Enterprises, newspapers, cable TV)
2002				
Anthony, Barbara Cox 1/	Honolulu	79	9,500	Inheritance (Cox Enterprises, newspapers, cable TV)
2003				
Anthony, Barbara Cox 1/	Honolulu	80	11,000	Inheritance (Cox Enterprises, newspapers, cable TV)

X Not applicable.

1/ Sisters Barbara and Anne Cox Chambers, of Atlanta, share a fortune. It was worth more than \$19 billion in 1999, \$20 billion in 2000, \$23 billion in 2001, and \$19 billion in 2002. In 2003, the sisters tied at rank of 12 with net worth of \$11.0 billion each. They have been members of the Forbes 400 since 1982.

2/ Prior to 2000, Forbes online database was sortable. The "By State" yielded only Ms. Anthony for Hawaii. The Campbell Family was misidentified without a "Hometown". In 2000, the Richest 400 on-line is not sortable by state. However, the Campbell family residence was now correctly listed as "Hawaii". In 2001 2002, and 2003, the online list was limited to individuals and no individual Campbell was listed.

Source: "The Forbes Four Hundred," *Forbes*, October 16, 1995, pp 106-368; October 14, 1996, pp. 100-356; October 13, 1997, October 12, 1998, October 11, 1999, October 9, 2000, October 13, 2001 and September 13, 2002 <<http://www.forbes.com/2002/09/13/rich400land.html>> accessed November 26, 2002; and September 19, 2003 <<http://www.forbes.com/richlist2003/rich400land.html>> accessed September 27, 2003.