

## Section 13

# INCOME, EXPENDITURES, AND WEALTH

This section presents statistics on different aspects of income and expenditures, relating to State personal income, Gross State Product accounts and 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. Census Bureau, 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: 2001*, Section 13.

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1974 TO 2001**

[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	10,309.2
1999	131.3	144.8	3,355.8	10,279.7
2000	95.6	132.2	3,473.0	10,918.1
2001	(NA)	(NA)	3,727.6	10,121.2

NA not available.

1/ Excludes government sugar support payments.

2/ Data for 1974-2000 are revised.

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.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaiian Agriculture* (annual), records, and for 1997-1999 <[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, Tourism Research Branch, Annual Visitor Research Report (annual) and records; and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2001 <<http://harvester.census.gov/cffr/index.html>> accessed July 18, 2002.

**Table 13.02-- GROSS STATE PRODUCT, PER CAPITA GROSS STATE PRODUCT AND RESIDENT POPULATION: 1977 TO 2000**

[Current and real dollar GSP series for 1977-1999 were revised based on Gross State Product revision released by U.S. Bureau of Economic Analysis, June 10, 2002. 1977-1984 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 1977-1984 divided by 100. Per capita estimates were calculated by DBEDT using U.S. Census resident population estimates revised on April 17, 2002]

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	11,197	915,749
1978	10,520	24,556	11,326	12,194	928,816
1979	11,978	25,943	12,608	13,271	950,050
1980	13,435	26,618	13,883	14,347	967,710
1981	14,524	26,093	14,848	15,179	978,195
1982	15,506	26,093	15,603	15,701	993,780
1983	16,909	27,030	16,697	16,487	1,012,717
1984	18,550	27,855	18,046	17,556	1,027,922
1985	19,991	28,567	19,228	18,494	1,039,698
1986	21,536	29,464	20,476	19,468	1,051,762
1987	23,421	30,913	21,931	20,537	1,067,917
1988	26,019	33,028	24,096	22,314	1,079,827
1989	28,811	35,309	26,321	24,047	1,094,588
1990	32,268	38,134	28,979	26,025	1,113,491
1991	34,002	38,516	29,911	26,313	1,136,754
1992	35,549	39,120	30,682	26,482	1,158,613
1993	36,308	38,809	30,957	26,395	1,172,838
1994	36,766	38,332	30,960	26,071	1,187,536
1995	37,243	37,948	31,117	25,999	1,196,854
1996	37,490	37,490	31,144	25,873	1,203,755
1997	38,537	37,668	31,806	26,250	1,211,640
1998	39,371	37,622	32,398	26,660	1,215,233
1999	40,486	37,863	33,451	27,639	1,210,300
2000	42,364	38,582	34,946	28,826	1,212,281

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, 2001" (December 27, 2001) and <<http://eire.census.gov/popest/data/states/populartables/table01.php>> accessed June 19, 2002.

**Table 13.03-- GROSS STATE PRODUCT,  
HAWAII AND UNITED STATES: 1977 TO 2000**

[1977-1984 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 1977-1984 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	40,486	37,863	101.0	9,279,697	8,915,954	115.6
2000	42,364	38,582	102.9	9,941,552	9,314,279	120.7

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/gsp/>> accessed June 10, 2002; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.04-- GROSS STATE PRODUCT, BY INDUSTRY: 1977 TO 2000**

[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 1998-1999 are revised]

Industry	1977	1982	1987	1992	1997	1998	1999	2000
<b>Total, all industries</b>	9,390	15,506	23,421	35,549	38,537	39,371	40,486	42,364
Private industries	6,785	11,418	17,897	27,875	30,066	30,745	31,625	33,290
Agriculture, forestry, fisheries	217	340	445	499	463	472	495	509
Farms	187	293	343	311	282	288	299	296
Ag. serv, forestry, fisheries	31	47	102	188	181	184	196	212
Mining	1/	3	14	39	44	41	39	44
Construction	577	735	1,174	2,200	1,612	1,618	1,649	1,853
Manufacturing	518	698	1,005	1,254	1,063	1,013	1,208	1,296
Transp, commun, utilities	943	1,469	2,343	3,413	3,915	3,963	4,138	4,288
Wholesale trade	456	652	910	1,369	1,481	1,506	1,518	1,602
Retail trade	993	1,632	2,526	3,812	4,332	4,335	4,392	4,663
Finance, insurance, real estate	1,588	3,159	5,109	8,005	8,737	9,175	9,349	9,520
Real estate	1,260	2,461	3,824	6,454	7,120	7,154	7,392	7,466
Services	1,492	2,731	4,371	7,285	8,419	8,622	8,835	9,515
Hotels	427	768	1,097	1,701	2,106	2,056	2,127	2,324
Health services	312	603	988	1,766	2,134	2,219	2,249	2,382
Other than hotels and health	753	1,360	2,286	3,818	4,179	4,347	4,459	4,809
Government	2,604	4,088	5,523	7,674	8,471	8,626	8,861	9,074
Federal government	1,730	2,686	3,687	4,515	4,818	4,940	5,033	5,301
Civilian	681	1,125	1,414	1,730	2,004	2,127	2,204	2,356
Military	1,049	1,561	2,273	2,785	2,814	2,813	2,829	2,945
State and local government	874	1,402	1,836	3,159	3,653	3,686	3,828	3,774

1/ Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry, June 10, 2002 and <<http://www.bea.doc.gov/bea/regional/gsp/>>, accessed June 10, 2002 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 2001**

[Population estimates 1990 through 2000 are revised. 1998-2000 income data are revised.  
2001 data are preliminary]

Year	Personal income (in \$1,000)		Resident population (as of July 1)		Per capita personal income		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
1969	774,262,000	3,379,430	201,298,000	743,000	3,846	4,548	118.3
1970	834,455,000	3,887,781	203,798,722	762,920	4,095	5,096	124.4
1971	899,249,000	4,220,937	206,817,509	791,580	4,348	5,332	122.6
1972	988,362,000	4,660,493	209,274,882	818,104	4,723	5,697	120.6
1973	1,107,992,000	5,178,451	211,349,205	841,851	5,242	6,151	117.3
1974	1,220,181,000	5,965,410	213,333,635	858,121	5,720	6,952	121.5
1975	1,326,214,000	6,464,812	215,456,585	875,052	6,155	7,388	120.0
1976	1,469,752,000	7,031,994	217,553,859	892,335	6,756	7,880	116.6
1977	1,630,901,000	7,651,713	219,760,875	915,749	7,421	8,356	112.6
1978	1,841,340,000	8,496,961	222,098,244	928,816	8,291	9,148	110.3
1979	2,072,839,000	9,678,890	224,568,579	950,050	9,230	10,188	110.4
1980	2,313,921,000	11,139,821	227,224,719	967,710	10,183	11,512	113.1
1981	2,588,335,000	12,040,673	229,465,744	978,195	11,280	12,309	109.1
1982	2,756,954,000	12,846,182	231,664,432	993,780	11,901	12,927	108.6
1983	2,935,040,000	14,056,006	233,792,014	1,012,717	12,554	13,880	110.6
1984	3,260,064,000	15,328,363	235,824,907	1,027,922	13,824	14,912	107.9
1985	3,498,662,000	16,315,803	237,923,734	1,039,698	14,705	15,693	106.7
1986	3,697,359,000	17,258,805	240,132,831	1,051,762	15,397	16,409	106.6
1987	3,945,515,000	18,573,734	242,288,936	1,067,917	16,284	17,392	106.8
1988	4,255,000,000	20,398,903	244,499,004	1,079,827	17,403	18,891	108.6
1989	4,582,429,000	22,483,047	246,819,222	1,094,588	18,566	20,540	110.6
1990	4,885,525,000	24,914,831	249,622,814	1,113,491	19,572	22,375	114.3
1991	5,065,416,000	26,197,700	252,980,941	1,136,754	20,023	23,046	115.1
1992	5,376,622,000	27,859,163	256,514,224	1,158,613	20,960	24,045	114.7
1993	5,598,446,000	29,067,950	259,918,588	1,172,838	21,539	24,784	115.1
1994	5,878,362,000	29,740,250	263,125,821	1,187,536	22,340	25,044	112.1
1995	6,192,235,000	30,201,631	266,278,393	1,196,854	23,255	25,234	108.5
1996	6,538,103,000	30,393,181	269,394,284	1,203,755	24,270	25,249	104.0
1997	6,928,545,000	31,218,274	272,646,925	1,211,640	25,412	25,765	101.4
1998	7,418,497,000	31,840,842	275,854,104	1,215,233	26,893	26,201	97.4
1999	7,769,367,000	32,436,090	279,040,168	1,210,300	27,843	26,800	96.3
2000	8,314,032,000	33,763,192	282,124,631	1,212,281	29,469	27,851	94.5

Source: U.S. Bureau of Economic Analysis, Annual State Personal Income and News Release BEA 02-10 April 23, 2002 and <<http://www.bea.gov/bea/regional/spi/>> accessed July 22, 2002; 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 2001**

[Population estimates 1990 through 2000 are revised. 1998-2000 income data are revised.  
2001 data are preliminary]

Year	Disposable personal income (in \$1,000)		Resident population (as of July 1)		Per capita disposable personal income		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
1969	669,090,000	2,890,339	201,298,000	743,000	3,324	3,890	117.0
1970	730,495,000	3,342,892	203,798,722	762,920	3,584	4,382	122.3
1971	796,385,000	3,691,085	206,817,509	791,580	3,851	4,663	121.1
1972	863,267,000	4,023,659	209,274,882	818,104	4,125	4,918	119.2
1973	974,049,000	4,482,524	211,349,205	841,851	4,609	5,325	115.5
1974	1,067,363,000	5,193,694	213,333,635	858,121	5,003	6,052	121.0
1975	1,176,364,000	5,756,435	215,456,585	875,052	5,460	6,578	120.5
1976	1,294,737,000	6,214,476	217,553,859	892,335	5,951	6,964	117.0
1977	1,430,303,000	6,731,345	219,760,875	915,749	6,508	7,351	113.0
1978	1,608,496,000	7,423,759	222,098,244	928,816	7,242	7,993	110.4
1979	1,800,275,000	8,437,430	224,568,579	950,050	8,017	8,881	110.8
1980	2,010,486,000	9,729,467	227,224,719	967,710	8,848	10,054	113.6
1981	2,237,736,000	10,513,240	229,465,744	978,195	9,752	10,748	110.2
1982	2,396,290,000	11,442,844	231,664,432	993,780	10,344	11,514	111.3
1983	2,575,009,000	12,510,894	233,792,014	1,012,717	11,014	12,354	112.2
1984	2,873,793,000	13,693,467	235,824,907	1,027,922	12,186	13,322	109.3
1985	3,071,205,000	14,513,421	237,923,734	1,039,698	12,908	13,959	108.1
1986	3,248,472,000	15,313,673	240,132,831	1,051,762	13,528	14,560	107.6
1987	3,443,658,000	16,276,849	242,288,936	1,067,917	14,213	15,242	107.2
1988	3,736,469,000	17,856,326	244,499,004	1,079,827	15,282	16,536	108.2
1989	4,000,178,000	19,438,154	246,819,222	1,094,588	16,207	17,758	109.6
1990	4,277,221,000	21,618,114	249,622,814	1,113,491	17,135	19,415	113.3
1991	4,456,298,000	22,831,179	252,980,941	1,136,754	17,615	20,085	114.0
1992	4,741,900,000	24,460,827	256,514,224	1,158,613	18,486	21,112	114.2
1993	4,924,782,000	25,580,551	259,918,588	1,172,838	18,947	21,811	115.1
1994	5,156,671,000	26,237,350	263,125,821	1,187,536	19,598	22,094	112.7
1995	5,414,784,000	26,674,456	266,278,393	1,196,854	20,335	22,287	109.6
1996	5,669,393,000	26,730,444	269,394,284	1,203,755	21,045	22,206	105.5
1997	5,960,749,000	27,370,528	272,646,925	1,211,640	21,863	22,590	103.3
1998	6,349,151,000	27,846,050	275,854,104	1,215,233	23,016	22,914	99.6
1999	6,611,243,000	28,236,334	279,040,168	1,210,300	23,693	23,330	98.5
2000	7,027,033,000	29,275,618	282,124,631	1,212,281	24,908	24,149	97.0
2001	7,316,001,511	30,377,260	284,796,887	1,224,398	25,688	24,810	96.6

Source: U.S. Bureau of Economic Analysis, Annual State Personal Income and News Release BEA 02-10 April 23, 2002 and <<http://www.bea.gov/bea/regional/spi/>> accessed July 22, 2002; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.07-- PERSONAL INCOME BY MAJOR SOURCES: 1996 TO 2000**

[In thousands of dollars. 1998 and 1999 data are revised]

Item	1996	1997	1998	1999	2000
PERSONAL INCOME	30,393,181	31,218,274	31,853,602	32,449,747	33,775,622
Earnings By Place of Work	22,303,352	22,698,511	23,082,275	23,573,472	24,662,202
Wage and salary disbursements	16,856,318	17,344,072	17,736,749	18,276,777	19,254,056
Other labor income	3,131,662	3,005,356	2,917,379	2,748,819	2,799,016
Proprietors' income	2,315,372	2,349,083	2,428,147	2,547,876	2,609,130
Farm proprietors' income	898	12,107	24,582	27,725	10,069
Nonfarm proprietors' income	2,314,474	2,336,976	2,403,565	2,520,151	2,599,061
Dividends, interest, and rent	5,583,548	5,989,819	6,237,856	6,260,695	6,388,589
Transfer payments	3,722,523	3,765,071	3,804,481	3,927,889	4,089,282
Less: Pers. cont. for social insur.	1,216,242	1,235,127	1,271,010	1,312,309	1,364,451
Earnings By Industry	2,474,542	2,500,577	23,082,275	23,573,472	24,662,202
Farm Earnings	160,068	163,601	195,192	216,928	199,709
Nonfarm Earnings	2,314,474	2,336,976	22,887,083	23,356,544	24,462,493
Private Earnings	15,490,491	15,543,041	15,838,041	16,194,962	17,180,697
Ag. serv., forestry, fishing & oth	134,877	135,393	134,275	140,786	149,655
Mining	20,809	19,608	21,610	24,463	25,956
Construction	1,417,306	1,308,481	1,302,091	1,316,310	1,471,023
Manufacturing	754,378	705,653	694,390	713,381	755,871
Transport. and public utilities	1,739,106	1,770,887	1,794,059	1,840,507	1,936,168
Wholesale trade	784,853	776,028	812,550	835,241	870,564
Retail trade	2,558,144	2,593,652	2,567,725	2,622,964	2,761,684
Finance, insur., and real estate	1,817,670	1,847,056	1,884,631	1,962,201	1,964,263
Services	6,263,348	6,386,283	6,626,710	6,739,109	7,245,513
Gov't and gov't enterprises	6,652,793	6,991,869	7,049,042	7,161,582	7,281,796
Federal	3,821,533	4,012,535	4,081,879	4,129,542	4,341,881
Federal, civilian	1,539,259	1,689,976	1,784,918	1,835,507	1,960,048
Military	2,282,274	2,322,559	2,296,961	2,294,035	2,381,833
State and local	2,831,260	2,979,334	2,967,163	3,032,040	2,939,915

Source: U.S. Bureau of Economic Analysis, Annual State Personal Income  
 <<http://www.bea.doc.gov/bea/regional/spi>> September 24, 2001 as accessed September 24, 2001; and  
 tabulations by Hawaii State Department of Business, Economic Development & Tourism.



**Table 13.08-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2000**

[Data for 1998-99 have been revised. Per capita personal income was computed using Census Bureau midyear population estimates. Estimates for 1990-2001 reflect county population estimates available as of April 2002]

Year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui and Kalawao
TOTAL (\$1,000)						
1969	3,379,430	2,867,783	511,647	226,761	114,141	170,745
1970	3,887,781	3,297,666	590,115	268,340	123,632	198,143
1971	4,220,937	3,564,239	656,698	300,856	136,527	219,315
1972	4,660,493	3,940,688	719,805	331,738	146,434	241,633
1973	5,178,451	4,383,318	795,133	366,235	161,721	267,177
1974	5,965,410	4,864,188	1,101,222	511,114	225,687	364,421
1975	6,464,812	5,372,708	1,092,104	501,974	212,331	377,799
1976	7,031,994	5,854,943	1,177,051	528,180	228,667	420,204
1977	7,651,713	6,347,218	1,304,495	581,167	251,586	471,742
1978	8,496,961	7,042,977	1,453,984	649,392	276,987	527,605
1979	9,678,890	7,992,711	1,686,179	748,652	319,116	618,411
1980	11,139,821	9,054,974	2,084,847	942,944	397,055	744,848
1981	12,040,673	9,912,566	2,128,107	947,674	404,092	776,341
1982	12,846,182	10,541,200	2,304,982	1,010,994	442,921	851,067
1983	14,056,006	11,441,268	2,614,738	1,128,383	495,037	991,318
1984	15,328,363	12,580,650	2,747,713	1,179,286	513,291	1,055,136
1985	16,315,803	13,379,494	2,936,309	1,237,066	551,264	1,147,979
1986	17,258,805	14,061,566	3,197,239	1,341,451	594,394	1,261,394
1987	18,573,734	15,122,501	3,451,233	1,437,316	637,378	1,376,539
1988	20,398,903	16,512,442	3,886,461	1,574,265	757,991	1,554,205
1989	22,483,047	18,062,115	4,420,932	1,784,847	868,318	1,767,767
1990	24,914,831	19,921,724	4,993,107	2,018,498	964,951	2,009,658
1991	26,197,700	20,894,000	5,303,700	2,168,470	1,038,674	2,096,556
1992	27,859,163	22,556,662	5,302,501	2,308,281	682,259	2,311,961
1993	29,067,950	23,087,005	5,980,945	2,416,054	1,132,068	2,432,823
1994	29,740,250	23,525,480	6,214,770	2,495,152	1,182,254	2,537,364
1995	30,201,631	23,812,910	6,388,721	2,551,455	1,225,063	2,612,203
1996	30,393,181	23,913,790	6,479,391	2,615,139	1,219,701	2,644,551
1997	31,218,274	24,604,056	6,614,218	2,671,475	1,231,927	2,710,816
1998	31,840,842	24,913,773	6,927,069	2,826,685	1,259,057	2,841,327
1999	32,436,090	25,263,330	7,172,760	2,897,747	1,305,851	2,969,162
2000	33,763,192	26,234,839	7,528,353	3,043,555	1,364,772	3,120,026

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**Table 13.08-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2000-- Con.**

Year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui and Kalawao
PER CAPITA (DOLLARS)						
1969	4,548	4,752	3,666	3,593	3,799	3,679
1970	5,096	5,287	4,240	4,223	4,174	4,308
1971	5,332	5,630	4,142	4,093	4,107	4,235
1972	5,697	5,927	4,696	4,744	4,596	4,693
1973	6,151	6,410	5,030	5,027	4,971	5,070
1974	6,952	6,968	6,879	6,917	6,937	6,791
1975	7,388	7,590	6,532	6,501	6,375	6,667
1976	7,880	8,167	6,710	6,563	6,577	6,983
1977	8,356	8,636	7,216	7,035	7,104	7,516
1978	9,148	9,511	7,721	7,581	7,547	8,000
1979	10,188	10,608	8,576	8,405	8,394	8,893
1980	11,512	11,855	10,225	10,150	10,085	10,399
1981	12,309	12,914	10,104	9,859	9,988	10,485
1982	12,927	13,583	10,588	10,233	10,595	11,038
1983	13,880	14,499	11,693	11,198	11,567	12,382
1984	14,912	15,769	11,940	11,391	11,764	12,717
1985	15,693	16,635	12,473	11,681	12,428	13,482
1986	16,409	17,350	13,249	12,379	13,044	14,434
1987	17,392	18,477	13,834	12,864	13,503	15,205
1988	18,891	20,038	15,196	13,878	15,613	16,575
1989	20,540	21,727	16,794	15,309	17,420	18,258
1990	22,375	23,758	18,160	16,603	18,673	19,759
1991	23,046	24,566	18,529	17,039	19,458	19,854
1992	24,045	26,108	17,996	17,536	12,533	21,292
1993	24,784	26,526	19,772	17,885	20,412	21,733
1994	25,044	26,776	20,116	18,118	20,933	22,111
1995	25,234	27,017	20,252	18,161	21,467	22,157
1996	25,249	27,069	20,228	18,425	21,143	21,912
1997	25,765	27,748	20,356	18,495	21,346	22,080
1998	26,201	28,091	21,098	19,383	21,767	22,795
1999	26,800	28,744	21,644	19,717	22,413	23,535
2000	27,851	29,960	22,365	20,399	23,312	24,211

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**Table 13.08-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2000-- Con.**

Year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui and Kalawao
POPULATION, AS OF JULY 1						
1969	743,000	603,438	139,562	63,104	30,044	46,414
1970	762,920	623,756	139,164	63,549	29,620	45,995
1971	791,580	633,043	158,537	73,508	33,245	51,784
1972	818,104	664,830	153,274	69,922	31,864	51,488
1973	841,851	683,772	158,079	72,856	32,530	52,693
1974	858,121	698,033	160,088	73,891	32,536	53,661
1975	875,052	707,866	167,186	77,212	33,305	56,669
1976	892,335	716,911	175,424	80,481	34,770	60,173
1977	915,749	734,962	180,787	82,610	35,414	62,763
1978	928,816	740,505	188,311	85,661	36,700	65,950
1979	950,050	753,428	196,622	89,069	38,016	69,537
1980	967,710	763,820	203,890	92,897	39,369	71,624
1981	978,195	767,573	210,622	96,122	40,457	74,043
1982	993,780	776,075	217,705	98,798	41,804	77,103
1983	1,012,717	789,097	223,620	100,764	42,796	80,060
1984	1,027,922	797,791	230,131	103,528	43,634	82,969
1985	1,039,698	804,294	235,404	105,900	44,357	85,147
1986	1,051,762	810,444	241,318	108,362	45,567	87,389
1987	1,067,917	818,447	249,470	111,735	47,203	90,532
1988	1,079,827	824,072	255,755	113,439	48,549	93,767
1989	1,094,588	831,337	263,251	116,585	49,847	96,819
1990	1,113,491	838,534	274,957	121,572	51,676	101,709
1991	1,136,754	850,510	286,244	127,266	53,379	105,599
1992	1,158,613	863,959	294,654	131,630	54,439	108,585
1993	1,172,838	870,348	302,490	135,085	55,461	111,944
1994	1,187,536	878,591	308,945	137,713	56,478	114,754
1995	1,196,854	881,399	315,455	140,492	57,068	117,895
1996	1,203,755	883,443	320,312	141,935	57,688	120,689
1997	1,211,640	886,711	324,929	144,445	57,712	122,772
1998	1,215,233	886,909	328,324	145,833	57,843	124,648
1999	1,210,300	878,906	331,394	146,970	58,264	126,160
2000	1,212,281	875,670	336,611	149,199	58,545	128,867

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Metropolitan Area Personal Income, May 6, 2002  
 <<http://www.bea.doc.gov/bea/regional/reis/>> accessed May 6, 2002 and calculations by Hawaii State Department of Business, Economic Development & Tourism.  
<http://www.bea.doc.gov/bea/regional/reis/>

**Table 13.09-- ECONOMIC ESTIMATES AND PROJECTIONS: 1998 TO 2025**

[See also Tables 1.23 and 1.24 for population projections from the same source]

Year	Gross state product (millions of 1992 dollars)	Personal income		Total labor income 1/ (millions of 1992 dollars)	Total civilian employment
		Total (millions of 1992 dollars)	Per capita (1992 dollars)		
1998	31,944.0	28,288.8	23,762.1	20,066.2	559,800
2000	33,248.8	29,076.5	24,285.1	20,722.5	571,100
2005	36,876.6	31,793.9	25,721.1	22,705.6	597,200
2010	40,830.4	35,001.9	27,110.1	24,982.8	633,900
2015	45,101.9	38,350.4	28,426.7	27,394.2	667,600
2020	49,861.9	41,906.7	29,801.4	30,013.0	699,200
2025	54,793.3	45,513.7	31,139.6	32,712.4	732,300

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 2025, DBEDT 2025 Series*, February 2000  
<<http://www.hawaii.gov/dbedt/2025/index.html>> accessed July 19, 2002.

**Table 13.10-- 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)	(NA)	(NA)

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); 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.

**Table 13.11-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2000**

[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 and using two-year moving averages for a given state's year-to-year comparison. See Tables 13.12 and 13.13]

<b>Calendar year 1/</b>	<b>United States</b>	<b>Hawaii</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	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	6	114.9
1993	45,161	54,856	5	121.5
1994	47,012	56,992	4	121.2
1995 3/	49,687	54,749	5	110.2
1996	51,518	57,909	6	112.4
1997	53,350	58,474	6	109.6
1998 4/	56,061	61,540	10	109.8
1999	59,981	66,402	9	110.7
2000	62,228	65,872	10	105.9

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 1990 population controls in CPS estimates.

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

Source: U.S. Bureau of the Census, Median Income for 4-Person Families, By State, 1974-00 (FY 77-2003) <<http://www.census.gov/hhes/income/4person.html>> accessed July 17, 2002; *Federal Register Vol. 67, No. 20*, Wednesday, January 30, 2002; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.12- MEDIAN MONEY INCOME OF HOUSEHOLDS,  
FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING  
AVERAGES IN CONSTANT 2000 DOLLARS: 1984 TO 2000**

[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 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		
	United States	Percent change	Standard error
1984-85	35,907	...	147
1985-86	36,896	2.8	161
1986-87	37,722	2.2	156
1987-88	38,104	1.0	157
1988-89	38,644	1.4	169
1989-90	38,713	0.2	169
1990-91	37,880	-2.2	154
1991-92	37,140	-2.0	145
1992-93	36,856	-0.8	143
1993-94	36,941	0.2	140
1994-95	37,699	2.1	161
1995-96	38,530	2.2	171
1996-97	39,196	1.7	156
1997-98	40,313	2.8	176
1998-99	41,610	3.2	182
1999-00	42,168	1.3	162

  

Year	Median income, 2-year moving averages		
	Hawaii	Percent change	Standard error
1984-85	45,134	...	1,706
1985-86	44,093	-2.3	1,663
1986-87	47,407	7.5	1,392
1987-88	48,772	2.9	1,507
1988-89	46,857	-3.9	1,594
1989-90	48,609	3.7	1,482
1990-91	48,053	-1.1	1,576
1991-92	48,473	0.9	1,543
1992-93	50,497	4.2	1,564
1993-94	49,408	-2.2	2,006
1994-95	48,375	-2.1	1,783
1995-96	46,889	-3.1	1,457
1996-97	44,731	-4.6	1,474
1997-98	43,440	-2.9	1,667
1998-99	44,473	2.4	1,781
1999-00	46,945	5.6	1,587

1/ Median income in 2000 CPI-U adjusted dollars. Base year was 1999 in *Data Book 2000*.

Source: U.S. Bureau of the Census, Historical Income Tables - Households, released September 19, 2001. Table H-8A. Median Money Income of Households, by State: 1984 to 2000 (Two-year moving averages) <http://www.census.gov/hhes/income/histinc/h08a.html>.

**Table 13.13-- MEDIAN MONEY INCOME OF HOUSEHOLDS,  
FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING  
AVERAGES IN CONSTANT 2000 DOLLARS: 1984 TO 2000**

[Based on small samples and subject to considerable sampling variation. From survey made in March or April of following year. The Census Bureau recommends 2-year averages (see Table 13.12) 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	Standard error	Rank 2/
1984-86	36,453	130	22-23
1985-87	37,230	134	23-24
1986-88 3/	37,918	134	23-24
1987-89	38,395	139	22-23
1988-90	38,578	142	21-22
1989-91	38,246	137	20-21
1990-92	37,575	128	23-24
1991-93	37,008	122	23-24
1992-94	36,949	120	23-24
1993-95	37,381	131	22-23
1994-96	38,065	138	22-23
1995-97	38,885	140	22-23
1996-98	39,808	144	22-23
1997-99	40,938	148	22-23
1998-00	41,789	148	22-23
Year	Median income, 3-year moving averages		
	Hawaii	Standard error	Rank 2/
1984-86	44,669	1,406	5
1985-87	46,420	1,313	5
1984-87	47,094	1,264	6
1987-89	48,263	1,287	5
1988-90	47,895	1,323	6
1989-91	47,783	1,309	6
1990-92	48,973	1,307	3
1991-93	49,042	1,346	3
1992-94	49,877	1,549	2
1993-95	48,977	1,529	2
1994-96	47,471	1,457	3
1995-97	45,858	1,197	5
1996-98	44,181	1,397	14
1997-99	44,248	1,396	16
1998-00	45,657	1,471	15

1/ Median income in 2000 CPI-U adjusted dollars. Base year was 1999 in *Data Book 2000*.

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/ For 1986-88, the U.S. median income was immediately lower than the District of Columbia.

Source: U.S. Bureau of the Census, Historical Income Tables - Households, released September 26, 2000. Median Money Income of Households, by State: 1984 to 1999 (Three-year moving averages) <<http://www.census.gov/hhes/income/histinc/h08b.html>>.



**Table 13.14-- 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 13.15-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, STATE: 1995 TO 1998 AND BY COUNTY: 1995, 1997 AND 1998**

Area	Median household income (dollars)	Persons in poverty 1/		Persons under 18 in poverty	
		Number	Percent	Number	Percent
1995					
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	4/ 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
1996 3/					
The State	43,677	137,386	11.7	54,407	17.9
1997 3/					
The State	43,627	130,644	11.1	48,849	16.2
Counties:					
Hawaii	34,557	23,475	16.6	9,449	23.4
Honolulu	44,310	87,155	10.2	31,308	14.8
Kalawao	5/ 9,213	2/ -	2/ -	2/ -	2/ -
Kauai	38,877	6,847	12.1	2,916	18.6
Maui	40,647	13,167	10.8	5,176	15.8
1998 3/					
The State	41,627	122,841	10.5	44,568	15.0
Counties:					
Hawaii	34,411	21,448	15.1	7,815	19.4
Honolulu	44,934	82,253	9.7	29,747	14.3
Kalawao	6/ 9,859	2/ -	2/ -	2/ -	2/ -
Kauai	38,553	6,428	11.3	2,402	15.4
Maui	40,635	12,712	10.4	4,605	14.1

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. 1990 Census figures show that there are few poor; the model-based estimates are set to zero and the confidence intervals are not formed.

3/ 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.

4/ Prediction variables were unavailable. Estimates shown are 1990 census values inflated to 1995 dollars.

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

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

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/saipe/stcty/estimate.html>> or <<http://www.census.gov/hhes/www/saipe/stcty/sc98ftpdoc.html>>. These and previous estimates are also available <http://www.census.gov/hhes/www/saipe/estimatetoc.html>

**Table 13.16-- INCOME OF HOUSEHOLDS AND FAMILIES: 1993 TO 1997**

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

Annual income	Households			Families		
	1993	1995	1997	1993	1995	1997
Total	398,834	377,470	414,226	303,767	278,635	293,618
Less than \$5,000	9,548	10,838	16,758	5,147	1,544	3,967
\$5,000 to \$9,999	16,394	20,747	28,115	5,807	11,042	13,526
\$10,000 to \$14,999	20,378	21,809	35,201	12,255	16,024	19,158
\$15,000 to \$24,999	52,230	42,302	52,831	41,668	35,670	33,080
\$25,000 to \$34,999	62,051	50,532	40,856	34,741	30,723	28,117
\$35,000 to \$49,999	67,356	79,582	74,078	52,834	58,240	57,215
\$50,000 to \$74,999	98,013	67,996	79,120	86,333	52,077	62,554
\$75,000 to \$99,999	42,095	42,352	43,104	37,195	35,617	36,607
\$100,000 to \$149,999	24,514	26,847	29,013	22,849	23,884	28,104
\$150,000 or more	6,255	14,466	15,152	4,939	13,714	11,289
Median income (dollars)	42,662	42,851	40,934	49,797	(NA)	(NA)

NA Not available.

Source: U.S. Bureau of the Census, Current Population Survey, March 1994, 1996 and 1998 (special tabulation by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center) and for 1995 and 1997, special tabulation by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, May 16, 2000.

**Table 13.17-- 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 13.18-- POVERTY STATUS OF PERSONS: 1969, 1975, AND  
1979 TO 2000**

[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
			1992	129,000	11.0
CPS: 1/			1993	91,000	8.0
1980	81,000	8.5	1994	97,000	8.7
1981	108,000	11.3	1995	122,000	10.3
1982	132,000	13.2	1996	142,000	12.1
1983	135,000	13.4	1997	164,000	13.9
1984	92,000	9.3	1998	131,000	10.9
1985	109,000	10.7	1999	132,000	10.9
1986	109,000	10.7	2000 2/	106,000	9.7
1987	95,000	8.8			

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

2/ Standard error in 2000 was 1.71 for the poverty rate. For the entire United States in 2000, the poverty rate was 11.3 percent with a standard error of 0.19. Hawaii's poverty rate had a rank of 28 in 2000, where a rank of 1 indicates the highest rate.

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); *1998* (p. 479); *1999* (p. 485) and *2000* (p. 444). For 1998 to 2000: U.S. Census Bureau Historical Poverty Tables-People, Table 19 <<http://www.census.gov/hhes/poverty/histpov/hstpov19.html>> and Table 21 <<http://www.census.gov/hhes/poverty/histpov/hstpov21.html>> accessed January 28, 2002 and tabulations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.19-- 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 13.20-- POVERTY INCOME GUIDELINES: 1993 TO 2002**

[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

1/ For 2002, corresponding levels for four-person families elsewhere in the United States 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, and February 14, 2002. Also for 1994-1999 <[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.

**Table 13.21-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1993-1994 TO 1999-2000**

[Annual averages for two-year periods. No data were released for 1995-1996]

Item	1993-94	1994-95	1996-97	1997-98	1998-99	1999-2000
Average annual expenditures	43,214	40,999	41,992	42,636	42,474	41,972
Food	6,815	5,918	5,672	6,206	6,300	5,771
Food at home	3,899	3,292	3,493	3,479	3,423	3,278
Cereals and bakery products	606	504	517	523	501	485
Meats, poultry, fish, and eggs	1,144	882	923	974	935	828
Dairy products	294	258	304	281	298	308
Fruits and vegetables	751	629	717	725	690	649
Other food at home	1,105	1,020	1,033	976	999	1,009
Food away from home	2,916	2,626	2,179	2,727	2,877	2,493
Alcoholic beverages	417	440	381	467	406	409
Housing	14,301	14,168	13,638	14,775	14,676	14,084
Shelter	9,957	9,720	9,371	10,233	10,079	9,717
Owned dwellings	5,399	5,244	5,458	6,290	6,156	5,704
Rented dwellings	3,896	3,734	3,584	3,602	3,403	3,404
Other lodging	662	742	329	341	520	610
Utilities, fuels, and public serv.	1,835	1,837	1,975	2,011	2,032	2,113
Household operations	532	653	387	419	514	630
Housekeeping supplies	489	446	526	540	554	497
Housefurnishings and equipment	1,489	1,511	1,379	1,571	1,497	1,127
Apparel and services	1,712	1,485	2,215	1,876	1,995	1,974
Transportation	2,259	6,350	7,955	6,845	5,354	5,775
Vehicle purchases (net outlay)	2,259	2,231	3,521	2,394	999	1,553
Gasoline and motor oil	937	911	1,046	1,111	1,060	1,071
Other vehicle expenses	2,246	2,329	2,357	2,427	2,262	2,101
Public transportation	942	879	1,032	913	1,033	1,050
Health care	1,910	1,848	1,618	1,905	2,188	2,211
Entertainment	1,870	1,958	2,041	1,906	2,083	1,997
Personal care prod. and services	528	502	709	617	638	702
Reading	233	230	216	207	193	182
Education	1,428	1,117	847	1,141	1,147	906
Tobacco prod. and smoking sup.	257	227	280	222	217	230
Miscellaneous	1,324	1,275	964	962	978	978
Cash contributions	1,253	1,113	892	782	1,410	1,926
Personal insurance and pensions	4,781	4,368	4,564	4,724	4,890	4,826
Life and other personal insur.	594	546	743	777	687	655
Pensions and Social Security	4,187	3,822	3,821	3,947	4,203	4,171

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**Table 13.21-- AVERAGE ANNUAL EXPENDITURES AND OTHER  
CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU:  
1993-1994 TO 1999-2000--Con.**

Item	1993-94	1994-95	1996-97	1997-98	1998-99	1999-2000
Consumer unit characteristics:						
Number of consumer units	257,000	274,000	263,000	275,000	298,000	294,000
Income before taxes (dollars) 1/	52,064	51,847	49,255	53,461	53,537	51,906
Age of reference person	49.3	49.8	49.6	50.4	51.9	52.6
Number of persons	2.8	2.7	2.9	3.0	2.9	2.7
Number of children under 18	0.7	0.6	0.7	0.8	0.7	0.6
Number of persons 65 and over	0.4	0.4	0.3	0.4	0.4	0.4
Number of earners	1.7	1.6	1.5	1.5	1.5	1.5
Number of vehicles	1.7	1.6	1.7	1.8	1.7	1.6
Percent homeowner	52	51	54	56	57	56.0

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 <<ftp://ftp.bls.gov/pub/special.requests/ce/msa/y9900/west.txt>>.

**Table 13.22-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 1999-2000**

[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	Anchor-age	Phoenix	Denver	Honolulu	Honolulu Rank 1/
Average annual expenditures	41,933	44,748	55,040	47,338	44,331	43,602	53,028	41,991	46,002	41,972	9
Food	5,508	5,490	7,442	5,243	5,655	6,543	6,964	5,486	5,676	5,771	4
Food at home	3,257	3,187	4,355	2,725	3,362	3,839	4,466	2,895	3,279	3,278	6
Cereals and bakery products	482	455	681	422	527	573	604	453	489	485	6
Meats, poultry, fish, and eggs	807	870	1,106	650	750	902	1,044	628	808	828	5
Dairy products	355	342	420	286	378	409	466	348	347	308	8
Fruits and vegetables	588	604	800	496	568	741	794	520	561	649	4
Other food at home	1,025	917	1,349	871	1,139	1,213	1,557	946	1,073	1,009	6
Food away from home	2,250	2,303	3,086	2,518	2,293	2,703	2,498	2,591	2,397	2,493	6
Alcoholic beverages	407	337	781	406	519	427	591	467	621	409	7
Housing	14,086	16,550	19,682	17,011	14,654	14,644	17,504	13,123	15,773	14,084	8
Shelter	8,746	10,293	12,963	10,996	9,095	9,489	10,720	7,793	10,110	9,717	6
Owned dwellings	5,393	5,958	8,266	6,423	6,100	5,781	6,360	4,974	5,910	5,704	8
Rented dwellings	2,788	3,828	3,963	4,102	2,359	2,896	3,264	2,341	2,916	3,404	4
Other lodging	565	507	734	471	636	812	1,096	478	1,284	610	6
Utilities, fuels, and public services	2,202	2,290	2,226	2,104	2,344	2,225	2,485	2,599	2,311	2,113	8
Household operations	864	1,429	1,477	1,013	812	660	900	577	794	630	8
Housekeeping supplies	492	481	595	479	451	636	738	538	473	497	5
Housefurnishings and equipment	1,781	2,056	2,421	2,419	1,953	1,634	2,661	1,616	2,084	1,127	9
Apparel and services	2,021	2,450	3,137	2,020	1,517	1,917	2,490	1,979	2,178	1,974	7
Transportation	7,873	7,701	9,726	9,982	7,800	7,401	9,812	8,858	8,340	5,775	9
Vehicle purchases (net outlay)	3,462	2,933	4,409	5,323	3,304	2,766	4,276	4,223	3,257	1,553	9
Gasoline and motor oil	1,291	1,383	1,424	1,349	1,248	1,300	1,334	1,118	1,196	1,071	9

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**Table 13.22-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 1999-2000-- Con.**

Item	All consumer units in the West	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchor-age	Phoenix	Denver	Honolulu	Hono-lulu Rank 1/
Transportation - con.:											
Other vehicle expenses	2,605	2,924	2,992	2,684	2,658	2,657	3,172	2,965	3,141	2,101	9
Public transportation	515	461	900	625	590	679	1,030	552	746	1,050	1
Health care	1,982	1,833	2,030	1,927	1,984	2,514	2,530	2,168	2,045	2,211	3
Entertainment	2,181	1,962	2,290	2,888	2,718	2,301	3,392	2,042	2,548	1,997	8
Personal care products and services	582	674	692	669	485	579	710	627	599	702	2
Reading	173	148	230	210	215	209	274	181	193	182	7
Education	701	695	967	575	824	609	701	562	617	906	2
Tobacco products and smoking supplies	239	204	222	249	239	366	468	261	324	230	7
Miscellaneous	957	1,220	1,023	768	832	930	1,297	883	1,075	978	5
Cash contributions	1,297	1,447	904	810	2,265	1,061	1,837	1,584	1,103	1,926	2
Personal insurance and pensions	3,927	4,038	5,915	4,580	4,623	4,100	4,459	3,770	4,909	4,826	3
Life and other personal insurance	356	370	354	545	378	421	496	364	524	655	1
Pensions and Social Security	3,571	3,668	5,561	4,035	4,245	3,679	3,963	3,406	4,385	4,171	4
Consumer unit characteristics:											
Number of consumer units (thousands)	24,158	5,377	2,757	878	1,044	1,430	101	1,223	1,106	294	8
Income before taxes (dollars)	47,086	52,776	64,818	52,898	49,035	51,292	54,506	47,492	55,168	51,906	6
Age of reference person	47	47	48	48	47	49	44	47	44	53	1
No. of persons in consumer unit	2.6	2.8	2.5	2.6	2.5	2.4	2.6	2.5	2.5	2.7	2
No. of children under 18 in consumer unit	0.7	0.8	0.6	0.7	0.7	0.6	0.8	0.7	0.7	0.6	7
No. of persons 65 and over in consumer unit	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.4	1
No. of earners	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.3	1.5	1.5	4
No. of vehicles	2.0	1.9	1.8	2.0	2.2	2.3	2.5	1.8	2.3	1.6	9
Percent homeowner	60.0	52.0	60.0	55.0	64.0	64.0	60.0	64.0	64.0	56.0	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 1999-2000*, <ftp://ftp.bls.gov/pub/special.requests/ce/msa/y9900/west.txt> accessed January 22, 2002.

**Table 13.23-- TOP WEALTHHOLDERS: 1962 TO 1995**

[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

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.

**Table 13.24--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**

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

Category	United States	Hawaii	Hawaii as percent of U.S.
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

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.

**Table 13.25-- (NET) WORTH OF RICHEST RESIDENTS: 1997 TO 2001**

Name	Residence	Age (years)	Net worth (million dollars)	Primary sources
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
1999				
Anthony, Barbara Cox 1/	Honolulu	76	9,700	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	...	1,700	Land, investments
2000 3/				
Anthony, Barbara Cox 1/	Honolulu	77	10,000	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	...	1,700	Land, investments
2001 3/				
Anthony, Barbara Cox 1/	Honolulu	78	11,300	Inheritance (Cox Enterprises, newspapers, cable TV)

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 and \$23 billion in 2001. In 2001, the sisters tied at rank of 11 with net worth of \$23 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, the online list was limited to individuals and no individual Campbell was listed.

3/ David Howard Murdoch, owner of Castle & Cooke which owns most of Lanai, is ranked at 274 and 211 with net worth of \$1 and \$1.1 billion in 2000 and 2001 respectively. Mr. Murdoch's residence is listed as Bel Air.

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, October 12, 1998, October 11, 1999, and October 9, 2000 <accessed August 5, 2001> and October, 2001 and <<http://www.forbes.com/tool/toolbox/rich400/>> accessed January 23, 2002.