

## 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: 2000*, Section 14.

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1974 TO 2000**

[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	1,311.8	1,232.9
1975	366.1	136.7	1,442.1	1,354.7
1976	257.0	144.5	1,499.2	1,636.5
1977	226.8	161.6	1,576.1	1,833.9
1978	285.2	162.8	1,644.5	2,149.9
1979	345.7	206.4	1,707.7	2,540.6
1980	594.1	226.5	1,865.4	2,870.8
1981	327.9	217.6	2,041.2	3,195.4
1982	351.5	206.0	2,385.3	3,686.8
1983	410.2	219.0	2,566.5	3,847.2
1984	393.0	249.6	2,653.0	4,441.9
1985	340.8	222.5	3,111.6	5,081.4
1986	361.9	238.4	3,098.6	5,917.8
1987	335.9	251.4	3,077.6	6,676.3
1988	324.0	247.0	3,188.4	8,303.8
1989	322.0	241.9	3,295.9	8,905.1
1990	328.9	215.9	3,346.2	9,082.1
1991	270.7	224.6	3,648.2	9,817.7
1992	237.6	197.7	3,837.4	9,310.9
1993	251.9	140.6	3,759.6	8,472.3
1994	247.9	134.1	3,876.8	10,253.9
1995	200.2	135.0	3,782.4	11,107.2
1996	168.8	147.0	3,883.6	10,166.8
1997	132.5	136.7	4,070.3	10,491.0
1998	133.1	145.1	4,101.8	10,309.2
1999	131.3	144.8	4,172.6	10,279.7
2000 4/	(NA)	(NA)	4,386.3	10,918.1

NA not available.

1/ Excludes government sugar support payments.

2/ Data for 1995 to 1999 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.

4/ Preliminary.

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, *Hawaii Gross State Product Accounts: 1958-88* (June 1988) and records; and Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 13.02-- GROSS STATE PRODUCT, PER CAPITA GROSS STATE PRODUCT AND RESIDENT POPULATION: 1985 TO 2000**

[Current dollar GSP series for 1985-1999 was revised based on state total personal income revision released by U.S. Bureau of Economic Analysis, September 12, 2000]

Year	Gross state product 1/		Per capita gross state product 1/		Resident Population 2/
	Millions of current dollars	Millions of 1992 dollars	Current dollars	1992 dollars	
1985	18,664.0	26,161.5	17,951	25,163	1,039,698
1986	19,849.8	27,190.8	18,873	25,853	1,051,762
1987	21,563.0	28,252.2	20,192	26,455	1,067,917
1988	23,916.9	29,767.1	22,149	27,567	1,079,827
1989	26,447.3	31,322.9	24,162	28,616	1,094,588
1990	29,091.0	32,395.6	26,144	29,114	1,112,703
1991	30,729.8	32,204.8	(NA)	(NA)	(NA)
1992	32,504.3	32,504.3	(NA)	(NA)	(NA)
1993	33,532.0	32,670.5	(NA)	(NA)	(NA)
1994	34,354.6	32,655.6	(NA)	(NA)	(NA)
1995	34,526.4	32,207.0	(NA)	(NA)	(NA)
1996	34,893.6	32,068.3	(NA)	(NA)	(NA)
1997	35,797.9	32,692.1	(NA)	(NA)	(NA)
1998	36,465.2	33,362.5	(NA)	(NA)	(NA)
1999	37,395.1	33,872.4	(NA)	(NA)	(NA)
2000	39,394.3	35,142.1	(NA)	(NA)	1,211,537

NA Not available.

1/ Data for 1997 through 1999 are revised. Data for 2000 are preliminary.

2/ As of July 1 for 1985-90. As of April 1 for 2000. The resident population for April 1, 1990 is 1,108,229.

Source: Hawaii State Department of Business, Economic Development & Tourism, records; and U.S. Census Bureau, Federal-State Cooperative Program for Population Estimates.

**Table 13.03-- GROSS STATE PRODUCT,  
UNITED STATES AND HAWAII: 1977 TO 1999**

[Data for 1977-98 are revised]

Year	Hawaii			United States		
	Millions of dollars		Chained 1996 quantity index (1996=100)	Millions of dollars		Chained 1996 quantity index [1996=100]
	Current	Chained (1996) dollars		Current	Chained (1996) dollars	
1977	9,390	(NA)	62.7	1,985,693	(NA)	58.6
1978	10,520	(NA)	65.5	2,249,045	(NA)	61.8
1979	11,978	(NA)	69.2	2,503,867	(NA)	63.7
1980	13,435	(NA)	71.0	2,731,618	(NA)	63.6
1981	14,524	(NA)	69.6	3,069,751	(NA)	65.2
1982	15,506	(NA)	69.6	3,217,626	(NA)	64.1
1983	16,909	(NA)	72.1	3,446,583	(NA)	66.0
1984	18,550	(NA)	74.3	3,866,334	(NA)	71.0
1985	19,991	(NA)	76.2	4,151,449	(NA)	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	39,610	37,858	101.0	8,752,363	8,507,978	110.3
1999	40,914	38,254	102.0	9,308,983	8,934,066	115.8

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry, <<http://www.bea.doc.gov/bea/regional/data.html>>, June 4, 2001. For discussion of methodology, see "Gross State Product By Industry, New Estimates for 1999 and Revised Estimates for 1993-98", <http://www.bea.doc.gov/bea/regional/gsp/>

**Table 13.04-- GROSS STATE PRODUCT, BY INDUSTRY: 1977 TO 1999**

[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 1992-98 are revised]

Industry	1977	1982	1987	1992	1997	1998	1999
<b>Total, all industries</b>	9,390	15,505	23,404	35,532	38,537	39,610	40,914
Private industries	6,786	11,416	17,881	27,858	30,066	30,981	31,986
Agriculture, forestry, fisheries	218	338	428	482	463	468	493
Farms	187	291	326	294	282	281	296
Ag. serv, forestry, fisheries	31	47	102	188	181	187	197
Mining	(L)	3	14	39	44	43	43
Construction	577	735	1,174	2,200	1,612	1,634	1,654
Manufacturing	518	698	1,005	1,254	1,063	1,016	1,030
Transp, commun, utilities	943	1,469	2,343	3,413	3,915	3,962	4,268
Wholesale trade	456	652	910	1,369	1,481	1,509	1,539
Retail trade	993	1,632	2,526	3,812	4,332	4,304	4,456
Finance, insurance, real estate	1,588	3,159	5,109	8,005	8,737	9,308	9,481
Real estate	1,260	2,461	3,824	6,454	7,120	7,108	7,347
Services	1,492	2,731	4,371	7,285	8,419	8,737	9,023
Hotels	427	768	1,097	1,701	2,106	2,116	2,197
Health services	312	603	988	1,766	2,134	2,203	2,237
Other than hotels and health	753	1,360	2,286	3,818	4,179	4,418	4,589
Government	2,604	4,088	5,523	7,674	8,471	8,629	8,928
Federal government	1,730	2,686	3,687	4,515	4,818	4,944	5,059
Civilian	681	1,125	1,414	1,730	2,004	2,130	2,228
Military	1,049	1,561	2,273	2,785	2,814	2,814	2,831
State and local government	874	1,402	1,836	3,159	3,653	3,685	3,869

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry, <<http://www.bea.doc.gov/bea/regional/data.html>>, June 4, 2001 and calculations by Hawaii State Department of Business, Economic Development & Tourism.. For discussion of methodology, see "Gross State Product By Industry, New Estimates for 1999 and Revised Estimates for 1993-98", <http://www.bea.doc.gov/bea/regional/gsp/>

**Table 13.05-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 1999**

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	249,464,396	1,112,703	19,584	22,391	114.3
1991	5,065,416,000	26,197,700	252,153,092	1,131,412	20,089	23,155	115.3
1992	5,376,622,000	27,859,163	255,029,699	1,149,926	21,082	24,227	114.9
1993	5,598,446,000	29,067,950	257,782,608	1,161,508	21,718	25,026	115.2
1994	5,878,362,000	29,740,250	260,327,021	1,173,903	22,581	25,335	112.2
1995	6,192,235,000	30,201,631	262,803,276	1,180,490	23,562	25,584	108.6
1996	6,538,103,000	30,393,181	265,228,572	1,184,434	24,651	25,661	104.1
1997 1/	6,928,545,000	31,218,274	267,783,607	1,189,322	25,874	26,249	101.4
1998 1/	7,383,476,000	31,823,713	270,248,003	1,190,472	27,321	26,732	97.8
1999 1/	7,784,137,000	32,640,570	272,690,813	1,185,497	28,546	27,533	96.5

1/ Source revisions to State Personal Income 1997-99 were released on June 11, 2001.

Source: U.S. Bureau of Economic Analysis, State Personal Income and News Release BEA 00-27  
 <<http://www.bea.doc.gov/bea/regional/spi>> September 12, 2000; 1997-1999 revised as of June 11, 2001 and  
 <<http://www.bea.doc.gov/bea/regional/spi>> accessed July 27, 2001; and tabulations 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 1999**

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	249,464,396	1,112,703	17,146	19,428	113.3
1991	4,456,298,000	22,831,179	252,153,092	1,131,412	17,673	20,179	114.2
1992	4,741,900,000	24,460,827	255,029,699	1,149,926	18,594	21,272	114.4
1993	4,924,782,000	25,580,551	257,782,608	1,161,508	19,104	22,024	115.3
1994	5,156,671,000	26,237,350	260,327,021	1,173,903	19,808	22,351	112.8
1995	5,414,784,000	26,674,456	262,803,276	1,180,490	20,604	22,596	109.7
1996	5,669,393,000	26,730,444	265,228,572	1,184,434	21,375	22,568	105.6
1997	5,960,749,000	27,370,528	267,783,607	1,189,322	22,260	23,014	103.4
1998	6,313,611,000	27,828,147	270,248,003	1,190,472	23,362	23,376	100.1
1999	6,633,338,000	28,527,756	272,690,813	1,185,497	24,325	24,064	98.9

1/ Source revisions to State Personal Income 1997-99 were released on June 11, 2001.

Source: U.S. Bureau of Economic Analysis, State Personal Income and News Release BEA 00-27

<<http://www.bea.doc.gov/bea/regional/spi>> September 12, 2000; 1997-1999 revised as of June 11, 2001 and

<<http://www.bea.doc.gov/bea/regional/spi>> accessed July 27, 2001; and tabulations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.07-- PERSONAL INCOME BY MAJOR SOURCES: 1995 TO 1999**

[In thousands of dollars. 1997 through 1999 data are revised]

Item	1995	1996	1997	1998	1999
PERSONAL INCOME	30,201,631	30,393,181	31,218,274	31,823,713	32,640,570
Earnings By Place of Work	22,243,565	22,303,352	22,698,511	23,069,147	23,663,571
Wage and salary disbursements	16,810,561	16,856,318	17,344,072	17,749,069	18,299,103
Other labor income	3,077,719	3,131,662	3,005,356	2,889,092	2,815,967
Proprietors' income	2,355,285	2,315,372	2,349,083	2,430,986	2,548,501
Farm proprietors' income	3,182	898	12,107	10,273	10,393
Nonfarm proprietors' income	2,352,103	2,314,474	2,336,976	2,420,713	2,538,108
Dividends, interest, and rent	5,538,563	5,583,548	5,989,819	6,187,102	6,341,613
Transfer payments	3,642,789	3,722,523	3,765,071	3,817,875	3,932,591
Less: Pers. cont. for social insur.	1,223,286	1,216,242	1,235,127	1,250,411	1,297,205
Earnings By Industry	2,513,460	2,474,542	2,500,577	2,593,217	2,729,554
Farm Earnings	161,357	160,068	163,601	172,504	191,446
Nonfarm Earnings	2,352,103	2,314,474	2,336,976	2,420,713	2,538,108
Private Earnings	15,466,361	15,490,491	15,543,041	15,844,062	16,232,078
Ag. serv., forestry, fishing & oth	142,388	134,877	135,393	137,227	142,837
Mining	23,651	20,809	19,608	20,900	21,317
Construction	1,564,844	1,417,306	1,308,481	1,309,836	1,325,490
Manufacturing	781,260	754,378	705,653	675,563	659,215
Transport. and public utilities	1,694,460	1,739,106	1,770,887	1,771,810	1,810,595
Wholesale trade	787,608	784,853	776,028	796,237	821,706
Retail trade	2,572,841	2,558,144	2,593,652	2,552,298	2,628,893
Finance, insur., and real estate	1,742,173	1,817,670	1,847,056	1,900,474	1,950,156
Services	6,157,136	6,263,348	6,386,283	6,679,717	6,871,869
Gov't and gov't enterprises	6,615,847	6,652,793	6,991,869	7,052,581	7,240,047
Federal	3,783,362	3,821,533	4,012,535	4,085,747	4,137,735
Federal, civilian	1,588,449	1,539,259	1,689,976	1,784,125	1,839,655
Military	2,194,913	2,282,274	2,322,559	2,301,622	2,298,080
State and local	2,832,485	2,831,260	2,979,334	2,966,834	3,102,312

Source: U.S. Bureau of Economic Analysis, State Personal Income  
 <<http://www.bea.doc.gov/bea/regional/spi>> June 11, 2001 and as accessed July 23, 2001 and  
 tabulations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.08-- PERSONAL INCOME, TOTAL AND PER CAPITA, BY COUNTY:  
1969 TO 1999**

[Data for 1997-98 have been revised. Per capita personal income was computed using Census Bureau midyear population estimates. Estimates for 1990-99 reflect county population estimates available as of March 2001]

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	31,823,713	24,967,445	6,856,268	2,795,228	1,252,148	2,808,892
1999	32,640,570	25,474,559	7,166,011	2,896,240	1,303,838	2,965,933

Continued on next page.

**Table 13.08-- PERSONAL INCOME, TOTAL AND PER CAPITA, BY COUNTY:  
1969 TO 1999-- 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	22,391	23,772	18,179	16,619	18,692	19,782
1991	23,155	24,680	18,621	17,117	19,553	19,965
1992	24,227	26,293	18,157	17,685	12,640	21,498
1993	25,026	26,756	20,027	18,108	20,662	22,032
1994	25,335	27,042	20,447	18,408	21,231	22,512
1995	25,584	27,328	20,667	18,521	21,855	22,655
1996	25,661	27,436	20,713	18,842	21,602	22,493
1997	26,249	28,180	20,917	18,970	21,899	22,755
1998	26,732	28,640	21,513	19,712	22,277	23,273
1999	27,533	29,465	22,329	20,340	23,061	24,312

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Metropolitan Area Personal Income, May 3, 2001  
<<http://www.bea.doc.gov/bea/regional/reis/index.html>> 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>

**Table 13.10-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 1989**

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

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

NA Not available.

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

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

**Table 13.11-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 1999**

[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 three-year moving averages for state-to-state comparison. See Tables 13.12 and 13.13]

Calendar year 1/	United States	Hawaii	Hawaii rank 2/	Hawaii as percent of US
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	4	114.7
1992	44,615	50,821	4	113.9
1993	45,161	54,856	4	121.5
1994	47,012	56,992	5	121.2
1995 3/	49,687	54,749	6	110.2
1996	51,518	57,909	6	112.4
1997	53,350	58,474	10	109.6
1998	56,061	61,838	9	110.3
1999	59,981	66,402	7	110.7

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.

Source: U.S. Bureau of the Census, Median Income for 4-Person Families, By State, 1974-99 (FY 77-2002) <<http://www.census.gov/hhes/income/4person.html>>; *Federal Register* March 22, 2001; 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 1999 DOLLARS: 1984 TO 1999**

[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	36,255	...	149
1985-86	37,207	2.6	162
1986-87	37,978	2.1	157
1987-88	38,226	0.7	157
1988-89	38,589	0.9	169
1989-90	38,503	-0.2	168
1990-91	37,509	-2.6	153
1991-92	36,615	-2.4	143
1992-93	36,199	-1.1	140
1993-94	36,145	-0.1	137
1994-95	36,761	1.7	157
1995-96	37,469	1.9	167
1996-97	38,049	1.5	151
1997-98	39,078	4.3	170
1998-99	40,280	5.9	176

  

Year	Median income, 2-year moving averages		
	Hawaii	Percent change	Standard error
1984-85	45,572	...	1,723
1985-86	44,464	-2.4	1,677
1986-87	47,724	7.3	1,402
1987-88	48,934	2.5	1,511
1988-89	46,789	-4.4	1,593
1989-90	48,342	3.3	1,473
1990-91	47,586	-1.6	1,560
1991-92	47,783	0.4	1,521
1992-93	49,597	3.8	1,536
1993-94	48,344	-2.5	1,962
1994-95	47,173	-2.4	1,740
1995-96	45,599	-3.3	1,416
1996-97	43,422	-4.8	1,431
1997-98	42,110	-7.7	1,614
1998-99	43,051	-0.9	1,724

1/ Median income in 1999 CPI-U adjusted dollars. Base year was 1997 in Data Book 1998.

Source: U.S. Bureau of the Census, Historical Income Tables - Households, released September 26, 2000. Table H-8A. Median Money Income of Households, by State: 1984 to 1999 (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 1999 DOLLARS: 1984 TO 1999**

[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 (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	36,785	131	22-23
1985-87	37,508	135	23-24
1986-88	38,099	134	3/ 23-24
1987-89	38,429	139	22-23
1988-90	38,449	142	21-22
1989-91	37,952	137	20-21
1990-92	37,132	126	23-24
1991-93	36,416	120	23-24
1992-94	36,223	118	23-24
1993-95	36,513	127	22-23
1994-96	37,069	135	22-23
1995-97	37,783	136	22-23
1996-98	38,614	140	22-23
1997-99	39,657	143	22-23

  

Year	Median income, 3-year moving averages		
	Hawaii	Standard error	Rank 2/
1984-86	45,077	1,418	5
1985-87	46,763	1,323	5
1986-88	47,318	1,270	6
1987-89	48,313	1,288	5
1988-90	47,730	1,318	6
1989-91	47,414	1,298	6
1990-92	48,393	1,292	3
1991-93	48,251	1,325	3
1992-94	48,898	1,517	2
1993-95	47,844	1,494	2
1994-96	46,233	1,419	3
1995-97	44,563	1,163	5
1996-98	42,858	1,354	14
1997-99	42,864	1,352	16

1/ Median income in 1999 CPI-U adjusted dollars. Base year was 1997 in *Data Book 1998*.

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  
NONFAMILY HOUSEHOLDS, AND PERCENT OF FAMILIES AND  
PERSONS BELOW POVERTY LEVEL, FOR COUNTIES AND  
SELECTED URBAN PLACES: 1989**

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

B Base figure too small for statistical reliability.

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

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

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

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	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 4/	43,677	137,386	11.7	54,407	17.9
1997					
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	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

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

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

3/ Congressional action requires state estimates of poverty every year and local estimates every two years. The local estimates are available for odd-numbered years.

4/ Revised. Source revision November 28, 2000.

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

<<http://www.census.gov/housing/saipe/estmod96/est96US.dat>> accessed June 21, 2001. 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 1989, BY  
GEOGRAPHIC AREAS: 1990**

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

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

**Table 13.18-- POVERTY STATUS OF PERSONS: 1969, 1975, AND  
1979 TO 1999**

[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	1987	95,000	8.8
1975	67,000	7.9	1988	117,000	11.1
1979	91,618	9.9	1989	122,000	11.3
1989	88,408	8.3	1990	121,000	11.0
CPS: 1/					
1980	81,000	8.5	1991	90,000	7.7
1981	108,000	11.3	1992	129,000	11.0
1982	132,000	13.2	1993	91,000	8.0
1983	135,000	13.4	1994	97,000	8.7
1984	92,000	9.3	1995	122,000	10.3
1985	109,000	10.7	1996	142,000	12.1
1986	109,000	10.7	1997	164,000	13.9
			1998	131,000	10.9
			1999	132,000	10.9

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

2/ Standard error in 1999 was 1.70 for the poverty rate. For the entire United States in 1999, the poverty rate was 11.8 percent with a standard error of 0.20. Hawaii's poverty rate had a rank of 28 in 1999, 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); and *1999* (p. 485). For 1998 and 1999: 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 June 18, 2001 and tabulations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.19-- POVERTY STATUS IN 1989, FOR THE STATE AND OAHU: 1990**

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

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

Continued on next page.

**Table 13.19-- POVERTY STATUS IN 1989, FOR THE STATE AND OAHU:  
1990 -- Con.**

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

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

**Table 13.20-- POVERTY INCOME GUIDELINES: 1993 TO 2001**

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

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

1/ For 2001, corresponding levels for four-person families elsewhere in the United States were \$17,650 on the Mainland and \$22,070 in Alaska. For 2000, levels were \$17,050 on the Mainland and \$21,320 in Alaska. For 1999, levels were \$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, and February 16, 2001. Also for 1994-1999 [http://www.access.gpo.gov/su\\_docs/aces/aces140.htm](http://www.access.gpo.gov/su_docs/aces/aces140.htm); for 2000, under Health and Human Services [http://www.access.gpo.gov/su\\_docs/fedreg/a000215c](http://www.access.gpo.gov/su_docs/fedreg/a000215c); 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)

**Table 13.21-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1992-93 TO 1998-99**

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

Item	1992-93	1993-94	1994-95	1996-97	1997-98	1998-99
Average annual expenditures	38,997	43,214	40,999	41,992	42,636	42,474
Food	7,104	6,815	5,918	5,672	6,206	6,300
Food at home	3,889	3,899	3,292	3,493	3,479	3,423
Cereals and bakery products	582	606	504	517	523	501
Meats, poultry, fish, and eggs	1,151	1,144	882	923	974	935
Dairy products	294	294	258	304	281	298
Fruits and vegetables	781	751	629	717	725	690
Other food at home	1,080	1,105	1,020	1,033	976	999
Food away from home	3,215	2,916	2,626	2,179	2,727	2,877
Alcoholic beverages	503	417	440	381	467	406
Housing	12,261	14,301	14,168	13,638	14,775	14,676
Shelter	8,352	9,957	9,720	9,371	10,233	10,079
Owned dwellings	4,163	5,399	5,244	5,458	6,290	6,156
Rented dwellings	3,837	3,896	3,734	3,584	3,602	3,403
Other lodging	351	662	742	329	341	520
Utilities, fuels, and public serv.	1,673	1,835	1,837	1,975	2,011	2,032
Household operations	430	532	653	387	419	514
Housekeeping supplies	483	489	446	526	540	554
Housefurnishings and equipment	1,324	1,489	1,511	1,379	1,571	1,497
Apparel and services	2,086	1,712	1,485	2,215	1,876	1,995
Transportation	5,490	2,259	6,350	7,955	6,845	5,354
Vehicle purchases (net outlay)	1,809	2,259	2,231	3,521	2,394	999
Gasoline and motor oil	819	937	911	1,046	1,111	1,060
Other vehicle expenses	2,083	2,246	2,329	2,357	2,427	2,262
Public transportation	780	942	879	1,032	913	1,033
Health care	1,661	1,910	1,848	1,618	1,905	2,188
Entertainment	1,652	1,870	1,958	2,041	1,906	2,083
Personal care prod. and services	496	528	502	709	617	638
Reading	203	233	230	216	207	193
Education	1,043	1,428	1,117	847	1,141	1,147
Tobacco prod. and smoking sup.	282	257	227	280	222	217
Miscellaneous	1,109	1,324	1,275	964	962	978
Cash contributions	1,029	1,253	1,113	892	782	1,410
Personal insurance and pensions	4,078	4,781	4,368	4,564	4,724	4,890
Life and other personal insur.	424	594	546	743	777	687
Pensions and Social Security	3,654	4,187	3,822	3,821	3,947	4,203

Continued on next page.

**Table 13.21-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1992-93 TO 1998-99--Con.**

Item	1992-93	1993-94	1994-95	1996-97	1997-98	1998-99
Consumer unit characteristics:						
Number of consumer units	265,000	257,000	274,000	263,000	275,000	298,000
Income before taxes (dollars) 1/	46,404	52,064	51,847	49,255	53,461	53,537
Age of reference person	48.2	49.3	49.8	49.6	50.4	51.9
Number of persons	2.7	2.8	2.7	2.9	3.0	2.9
Number of children under 18	(NA)	0.7	0.6	0.7	0.8	0.7
Number of persons 65 and over	(NA)	0.4	0.4	0.3	0.4	0.4
Number of earners	1.6	1.7	1.6	1.5	1.5	1.5
Number of vehicles	1.6	1.7	1.6	1.7	1.8	1.7
Percent homeowner	47	52	51	54	56	57

NA Not available.

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

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

**Table 13.22-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 1998-99**

[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	40,647	43,192	51,015	44,179	43,331	44,065	50,955	40,167	44,413	42,474	8
Food	5,312	5,204	6,963	5,292	5,855	6,080	6,267	4,981	5,172	6,300	2
Food at home	3,132	3,013	4,214	2,849	3,557	3,486	3,922	2,670	2,793	3,423	5
Cereals and bakery products	466	435	660	444	539	545	524	371	432	501	5
Meats, poultry, fish, and eggs	761	815	1,047	671	770	805	977	607	593	935	3
Dairy products	341	319	409	304	397	362	408	334	318	298	9
Fruits and vegetables	562	563	794	530	670	641	699	454	439	690	3
Other food at home	1,001	881	1,304	901	1,182	1,133	1,313	904	1,012	999	6
Food away from home	2,180	2,192	2,749	2,443	2,298	2,594	2,345	2,311	2,378	2,877	1
Alcoholic beverages	372	297	516	462	430	541	508	437	490	406	8
Housing	13,756	15,934	18,058	16,266	13,847	14,905	17,375	12,891	15,417	14,676	7
Shelter	8,515	10,087	11,885	10,457	8,708	9,393	10,531	7,723	9,728	10,079	5
Owned dwellings	5,230	5,804	7,376	6,101	5,568	6,166	6,169	4,689	6,120	6,156	4
Rented dwellings	2,709	3,671	3,818	3,756	2,601	2,461	3,367	2,538	2,296	3,403	4
Other lodging	575	612	691	600	539	766	995	496	1,312	520	8
Utilities, fuels, and public services	2,179	2,267	2,193	1,977	2,160	2,262	2,614	2,459	2,200	2,032	8
Household operations	781	1,256	1,128	989	675	666	958	669	860	514	9
Housekeeping supplies	513	469	620	514	506	693	700	479	482	554	4
Housefurnishings and equipment	1,768	1,856	2,232	2,327	1,799	1,890	2,573	1,562	2,147	1,497	9
Apparel and services	1,863	2,158	2,444	2,018	1,687	1,932	1,957	2,057	1,958	1,995	5
Transportation	7,423	7,551	8,186	8,550	8,117	7,650	9,284	8,212	8,233	5,354	9
Vehicle purchases (net outlay)	3,180	2,976	3,164	3,988	4,123	2,867	3,812	4,035	3,116	999	9
Gasoline and motor oil	1,129	1,157	1,232	1,177	1,103	1,216	1,300	1,016	1,107	1,060	8

Continued on next page.

**Table 13.22-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 1998-99-- 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	2,585	2,860	2,954	2,748	2,373	2,843	3,191	2,697	3,380	2,262	9
Public transportation	530	558	836	637	519	725	981	464	631	1,033	1
Health care	1,869	1,757	1,792	1,850	1,837	1,931	2,324	2,007	1,915	2,188	2
Entertainment	2,139	1,905	2,395	2,684	2,283	3,060	3,562	2,036	2,570	2,083	7
Personal care products and services	449	472	558	544	424	522	524	455	419	638	1
Reading	181	144	257	191	198	256	312	182	234	193	6
Education	676	668	875	398	728	618	576	535	632	1,147	1
Tobacco products and smoking supplies	217	177	192	166	256	311	419	251	288	217	6
Miscellaneous	1,058	1,305	1,136	847	826	1,087	1,480	958	1,325	978	6
Cash contributions	1,342	1,352	2,056	842	2,036	873	1,225	1,538	969	1,410	4
Personal insurance and pensions	3,990	4,269	5,587	4,070	4,807	4,299	5,141	3,627	4,791	4,890	3
Life and other personal insurance	355	349	330	452	462	427	574	336	427	687	1
Pensions and Social Security	3,636	3,920	5,257	3,618	4,345	3,872	4,568	3,290	4,363	4,203	5
Consumer unit characteristics:											
Number of consumer units (thousands)	23,758	5,483	2,781	945	1,053	1,337	92	1,220	1,131	298	7
Income before taxes (dollars)	45,736	51,552	59,224	49,988	47,414	52,304	59,391	44,090	52,948	53,537	3
Age of reference person	46.5	47.0	47.3	49.0	47.2	48.1	42.5	46.1	44.7	51.9	1
No. of persons in consumer unit	2.6	2.8	2.5	2.5	2.5	2.5	2.6	2.5	2.4	2.9	1
No. of children under 18 in consumer unit	0.7	0.8	0.6	0.6	0.7	0.6	0.8	0.7	0.6	0.7	3
No. of persons 65 and over in consumer unit	0.3	0.3	0.3	0.3	0.2	0.3	0.1	0.3	0.2	0.4	1
No. of earners	1.4	1.4	1.4	1.2	1.4	1.4	1.5	1.3	1.5	1.5	3
No. of vehicles	2.0	1.9	1.9	2.0	2.2	2.5	2.6	1.8	2.2	1.7	9
Percent homeowner	59.0	53.0	59.0	53.0	59.0	66.0	58.0	60.0	67.0	57.0	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 Consumer Units 1997-98* <<http://stats.bls.gov/csxhome.htm>>.

**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 wealth-holders	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 June 19, 2001.

**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 June 19, 2001.

**Table 13.25-- (NET) WORTH OF RICHEST RESIDENTS: 1996 TO 2000**

Name	Residence	Age (years)	Net worth (million dollars)	Primary sources
1996				
Anthony, Barbara Cox	Honolulu	73	4,000	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family	Hawaii	...	1,000	Land, investments
Damon family	Hawaii, California	...	750	Banking, real estate
Robinson family	Kauai, Hawaii	...	450	Real estate
1997				
Anthony, Barbara Cox 1/	Honolulu	74	5,000	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	...	1,100	Land, investments
1998				
Anthony, Barbara Cox 1/	Honolulu	75	7,100	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	...	1,700	Land, investments
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

1/ Sisters Barbara and Anne Cox Chambers, of Atlanta, share a fortune. It was worth more than \$19 billion in 1999 and \$20 billion in 2000. In 2000, the sisters tied at rank of 18 with net worth of \$10 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 is now correctly listed as "Hawaii".

3/ David Howard Murdoch, owner of Castle & Cooke which owns most of Lanai, is ranked at 274 with a net worth of \$1 billion. 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 and <<http://www.forbes.com/tool/toolbox/rich400/>> accessed August 5, 2001.