

## Section 13

# INCOME, EXPENDITURES, AND WEALTH

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

Gross state product in 1992 was about \$29 billion. The major sources of outside income to Hawaii in 1990 were defense expenditures (\$3.2 billion), pineapple production (\$216 million), sugar production (\$329 million), and visitor expenditures (\$9.4 billion). Personal income in 1991 was \$24 billion, compared with \$11 billion only ten years earlier, and per capita personal income was \$21,000, or 85 percent above the 1981 level. The per capita figure for Hawaii was 11 percent over the national average, reflecting in part the Islands' higher cost of living. The median annual income of households, based on data for 1990, was \$39,000, third highest of the 50 States. The official poverty threshold for a 4-person family in Hawaii was set in February 1992 at \$16,050. In 1990, one-ninth of all Island residents were below the U.S. poverty level. A family expenditure survey taken in 1989 and 1990, reported that the largest items in the family budget on Oahu were housing (accounting for 31 percent of total spending), food (16 percent), and transportation (also 16 percent). Top wealthholders in 1986 included 11,000 persons with assets of \$500,000 or more.

The chief sources of data shown in this section are the U.S. Bureau of Economic Analysis, U.S. Bureau of the Census, U.S. Bureau of Labor Statistics, U.S. Department of Health and Human Services, Internal Revenue Service, Hawaii Agricultural Statistics Service, Hawaii State Department of Business, Economic Development & Tourism, and Hawaii Visitors Bureau. Sections 6 and 7 of Historical Statistics of Hawaii present data for earlier years. Comparable data for the country as a whole are given in Statistical Abstract of the United States: 1992, Section 14.

Table 384.-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:  
1971 TO 1991

[In millions of dollars]

Year	Value of production		Defense expenditures <u>2/</u>	Visitor expenditures <u>3/</u>
	Raw sugar and molasses <u>1/</u>	Fresh and processed pineapple		
1971 ...	202.9	141.4	958.6	705
1972 ...	184.7	145.4	1,068.2	840
1973 ...	222.2	142.4	1,223.1	1,020
1974 ...	676.6	127.1	1,311.8	1,225
1975 ...	366.1	136.7	1,442.1	1,360
1976 ...	257.0	144.5	1,499.2	1,640
1977 ...	226.8	161.6	1,576.1	1,845
1978 ...	285.2	162.8	1,644.5	2,146
1979 ...	345.7	206.4	1,707.7	2,537
1980 ...	594.1	226.5	1,865.4	2,875
1981 ...	327.9	217.6	2,041.2	3,200
1982 ...	351.5	206.0	2,385.3	3,700
1983 ...	410.2	219.0	2,566.5	3,974
1984 ...	393.0	249.6	2,653.0	4,582
1985 ...	340.8	222.5	2,810.1	4,986
1986 ...	361.9	238.4	2,866.3	5,802
1987 ...	335.9	251.4	2,923.6	6,530
1988 ...	324.0	247.0	2,924.2	7,849
1989 ...	322.0	241.9	3,050.8	8,785
1990 ...	328.9	215.9	3,203.3	9,410
1991 ...	270.7	224.6	3,300.0	9,921

NA Not available.

1/ Excludes government sugar support payments.

2/ For alternate estimates, see present report, table 319. The 1991 figure is preliminary.

3/ Direct visitor expenditures in Hawaii, exclusive of transpacific transportation and expenditures of carriers and crews.

Source: Hawaii Agricultural Statistics Service, Statistics of Hawaiian Agriculture (annual) and records; data from DBEDT GSP accounts, cited in present report, table 319; Hawaii Visitors Bureau, estimates cited in present report, tables 208 and 209.

Table 385.-- GROSS STATE PRODUCT AND PER CAPITA GROSS STATE PRODUCT: 1972 TO 1992

[For 1958-1971 data, see Data Book 1991, table 373]

Year	Gross state product		Per capita gross state product	
	Millions of current dollars	Millions of 1982 dollars	Current dollars	1982 dollars
1972 .....	5,305.4	10,464.5	6,405	12,633
1973 .....	6,009.3	10,982.4	7,057	12,896
1974 .....	6,901.7	10,948.5	7,951	12,614
1975 .....	7,411.3	11,596.6	8,363	13,086
1976 .....	7,933.4	11,746.4	8,774	12,991
1977 .....	8,597.4	12,103.3	9,363	13,181
1978 .....	9,627.6	12,482.9	10,335	13,400
1979 .....	10,906.4	12,972.1	11,441	13,608
1980 .....	12,225.7	13,690.5	12,623	14,136
1981 .....	13,078.3	14,022.5	13,370	14,335
1982 .....	13,691.0	13,691.0	13,776	13,776
1983 .....	14,811.8	14,210.0	14,626	14,032
1984 .....	15,826.5	14,637.0	15,397	14,240
1985 .....	16,874.9	15,107.3	16,231	14,530
1986 .....	18,115.5	15,807.6	17,223	15,029
1987 .....	19,717.4	16,458.6	18,464	15,412
1988 .....	21,803.2	17,506.0	20,192	16,212
1989 .....	24,300.1	18,578.1	22,200	16,973
1990 .....	26,945.3	19,525.6	24,190	17,529
1991 .....	28,615.9	19,573.1	25,177	17,221
1992 .....	29,324.0	19,084.4	25,288	16,458

Source follows table 391.

Table 386.-- EXPENDITURES ON GROSS STATE PRODUCT: 1988 TO 1990

[In millions of dollars]

Item	1988	1989	1990
Gross state product .....	21,803.2	24,300.1	26,945.3
Personal consumption expenditures <sup>1/</sup> .....	13,085.4	14,438.8	15,893.7
Goods .....	9,320.9	10,242.8	11,286.6
Durables .....	2,811.8	3,147.9	3,533.0
Non-durables .....	6,509.1	7,094.9	7,818.6
Services .....	3,764.5	4,196.0	4,607.1
Gross private domestic investment .....	2,849.8	3,501.6	4,173.1
Fixed investment .....	2,775.1	3,419.4	4,082.6
Non-residential .....	2,101.5	2,478.4	2,919.2
Structures .....	1,095.9	1,315.2	1,680.4
Producers' durable equipment .....	1,005.6	1,163.2	1,238.8
Residential .....	673.6	941.0	1,163.4
Change in inventories .....	74.8	82.2	90.5
Government purchases of goods and services .....	6,462.5	6,954.2	7,603.9
State and local .....	3,363.2	3,720.6	4,210.0
Compensation of employees .....	1,683.7	1,776.2	1,970.1
Purchases from business .....	1,679.4	1,944.4	2,239.9
Federal .....	3,099.3	3,233.6	3,393.8
Defense .....	2,924.2	3,050.8	3,203.3
Non-defense .....	175.1	182.8	190.5
Net exports .....	-1,292.0	-1,014.1	-1,052.9
Exports .....	12,291.6	13,814.3	15,324.3
Commodities (Merchandise) .....	1,467.6	1,509.2	1,617.4
Services and income from investments .....	2,884.0	3,232.6	3,513.9
Visitor and crew expenditures .....	7,940.0	9,072.6	10,193.0
Less: Imports .....	13,583.6	14,828.4	16,377.2
Commodities (Merchandise) .....	9,298.4	10,062.3	10,945.5
Services and income from investments .....	3,475.6	3,874.1	4,354.1
Out-of-state expenditures by Hawaii residents .....	809.5	892.0	1,077.6
Discrepancy and omissions .....	697.4	419.6	262.5

1/ Purchases by Hawaii residents.

Source follows table 391.

Table 387.-- GROSS STATE (DOMESTIC) PRODUCT, BY INDUSTRY: 1977 TO 1989

[Dollar amounts in millions]

Year	Total	Percent of U.S.	Rank <u>1/</u>	Year	Total	Percent of U.S.	Rank <u>1/</u>
1977 ...	8,946	0.46	38	1984 ...	16,500	0.45	39
1978 ...	10,006	.45	38	1985 ...	17,642	.44	40
1979 ...	11,257	.46	38	1986 ...	19,088	.46	40
1980 ...	12,621	.47	39	1987 ...	20,738	.46	40
1981 ...	13,507	.45	39	1988 ...	23,183	.48	40
1982 ...	14,412	.46	39	1989 ...	25,755	.50	38
1983 ...	15,477	.46	39				

  

Industry	1977	1981	1985	1989	
				Amount	Percent
Total, all industries .....	8,946	13,507	17,642	25,755	100.0
Farms .....	205	297	346	396	1.5
Agric. services, forestry, fisheries .....	32	54	65	111	0.4
Mining .....	-	-	1	8	0.0
Construction .....	597	976	1,022	2,237	8.7
Manufacturing .....	559	695	847	1,095	4.3
Transportation, utilities .....	940	1,312	1,760	2,530	9.8
Wholesale trade .....	453	626	804	1,054	4.1
Retail trade .....	1,001	1,529	2,047	2,993	11.6
Finance, insur., real estate ....	1,381	2,443	2,844	4,333	16.8
Services .....	1,426	2,294	3,526	5,598	21.7
Federal government:					
Civilian .....	578	834	1,143	1,307	5.1
Military .....	964	1,334	1,826	2,033	7.9
State and local government .....	810	1,113	1,411	2,061	8.0

1/ Among the 50 States.

Source: U.S. Bureau of Economic Analysis, "Gross State Product by Industry, 1977-89," Survey of Current Business, December 1991, pp. 43-59, and BEA diskette tabulated by DBED.

Table 388.-- CHARGES AGAINST GROSS STATE PRODUCT: 1988 TO 1990

[In millions of dollars]

Item	1988	1989	1990
Charges against gross state product .....	21,803.2	24,300.1	26,945.3
Compensation of employees .....	13,979.7	15,450.0	17,114.8
Wages and salaries .....	11,756.4	12,998.2	14,333.6
Supplements to wages and salaries .....	2,223.3	2,451.8	2,846.2
Employers' contributions for social ins. ...	1,239.5	1,338.5	1,526.7
State programs .....	106.6	47.0	52.4
Federal programs .....	1,132.9	1,291.5	1,474.3
Other labor income .....	983.8	1,113.3	1,254.5
Proprietors' income .....	1,457.0	1,555.5	1,705.5
Rental income .....	129.0	107.2	130.0
Corporate profits before tax .....	1,073.0	1,261.7	1,464.8
Profit tax .....	377.9	443.1	563.0
State .....	69.2	72.7	88.2
Federal .....	308.7	370.4	474.9
Profits after tax .....	695.1	818.6	901.7
Dividends .....	428.9	501.5	537.1
Undistributed profits .....	266.2	317.1	364.7
Net interest .....	1,640.9	2,071.7	2,170.5
State income .....	18,279.6	20,446.1	22,585.6
Business transfer payments .....	135.1	150.7	182.2
To persons .....	99.2	111.1	131.0
To non-profit institutions .....	35.9	39.6	51.2
Indirect business tax and non-tax, state and local .....	1,838.4	1,979.4	2,217.0
Subsidies less surplus of state and local government enterprises .....	-31.7	-42.3	-48.0
Indirect tax and non-tax, Federal .....	113.0	118.4	128.1
Subsidies less surplus of Federal government enterprises .....	-111.0	-122.1	-127.2
Charges against net state product .....	20,508.8	22,859.1	25,288.0
Capital consumption allowances .....	1,294.4	1,441.0	1,592.3

Source follows table 391.

Table 389.-- PRIVATE CONSTRUCTION EXPENDITURES: 1988 TO 1990

[Millions of current dollars]

Type of construction	1988	1989	1990
Private construction .....	1,769.2	2,256.2	2,843.9
Nonresidential .....	1,095.6	1,315.2	1,680.5
Buildings .....	749.2	893.4	1,210.7
Hotels .....	311.9	393.9	508.6
Commerical .....	437.4	499.5	702.2
New buildings .....	251.5	290.6	471.6
Additions alterations .....	186.2	208.9	230.6
Nonstructural .....	346.3	421.8	469.7
Construction .....	230.9	281.2	313.2
Architect., engineer. fees .....	115.4	140.6	156.6
Residential .....	673.6	941.0	1,163.5
New dwellings .....	544.0	740.0	947.5
Single family .....	483.5	574.6	665.4
Multi family .....	60.5	165.4	282.1
Additions, alterations .....	129.6	201.0	215.9

Source follows table 391.

Table 390.-- EXPORTS AND IMPORTS OF GOODS AND SERVICES:  
1988 TO 1990

[In millions of dollars. Includes both domestic and  
foreign imports and exports]

Classification	1988	1989	1990
Exports of goods and services <u>1/</u> .....	12,291.6	13,814.3	15,324.3
Merchandise exports .....	1,467.6	1,509.2	1,617.4
Primary .....	521.8	536.0	553.6
Sugar and molasses .....	285.1	285.1	285.1
Pineapple .....	236.7	250.9	268.5
Secondary .....	182.8	189.9	199.2
Garments .....	47.2	48.0	50.0
Flowers .....	33.0	36.3	40.3
Papaya .....	10.9	11.8	12.6
Macadamia nuts, coffee, and other.....	91.7	93.8	96.3
Miscellaneous .....	763.0	783.3	864.6
Other processed foods and feeds .....	26.2	27.7	30.0
Fuels and petroleum products .....	122.1	108.2	163.1
All other products .....	614.7	647.4	671.5
Services and income from investments .....	2,884.0	3,232.6	3,513.9
Visitor and crew expenditures .....	7,940.0	9,072.6	10,193.0
Imports of goods and services .....	13,583.6	14,828.4	16,377.2
Merchandise imports .....	9,298.4	10,062.3	10,945.5
Domestic .....	7,459.9	8,076.1	8,784.9
Waterborne .....	7,029.8	7,006.5	8,281.1
Airborne .....	430.2	469.6	503.9
Foreign, total .....	1,838.5	2,393.7	2,613.5
Services and income from investments .....	3,475.6	3,874.1	4,354.1
Out-of-State expenditures by Hawaii residents	809.5	892.0	1,077.6

1/ Not available separately for foreign and domestic exports.  
Source follows table 391.



Table 391.-- SUMMARY OF GOVERNMENT ACCOUNTS: 1988 TO 1990

[In millions of dollars]

Item	1988	1989	1990
Total revenues, State and local .....	3,958.0	4,242.1	4,548.6
State and local tax and non-tax .....	3,379.8	3,648.1	3,948.6
Personal tax and non-tax .....	1,298.5	1,472.4	1,500.0
Corporate profits tax .....	69.2	72.7	88.2
Indirect business tax and non-tax .....	1,838.4	1,979.4	2,217.0
Contributions to social insurance programs ...	173.7	123.6	143.5
Employer .....	106.6	47.0	52.4
Personal .....	67.1	76.6	91.1
Federal grants-in-aid .....	578.2	594.0	600.0
Total expenditures, State and local .....	3,537.8	3,896.8	4,393.7
Purchases of goods and services .....	3,363.2	3,720.6	4,210.0
Compensation of employees .....	1,683.7	1,776.2	1,970.1
Purchases from business .....	1,679.4	1,944.4	2,239.9
Transfer payments to persons .....	304.8	324.3	341.7
Net interest paid .....	-98.5	-105.8	-110.0
Subsidies less current surplus of gov. ent. ....	-31.7	-42.3	48.0
Surplus or deficit (-), State & local .....	420.2	345.3	154.9
Total revenues, Federal .....	5,604.6	5,905.2	6,266.7
Federal tax and non-tax revenues .....	3,198.2	3,628.8	4,161.5
Personal tax and non-tax .....	837.7	929.8	1,061.8
Corporate profits tax .....	308.7	370.4	474.9
Indirect business tax and non-tax .....	113.0	118.4	128.1
Contributions for social insurance programs ..	1,938.8	2,210.2	2,496.7
Employer .....	1,132.9	1,291.5	1,474.3
Personal .....	805.9	918.7	1,022.4
Transfers from Federal gov. in Washington, D.C.	2,406.4	2,276.4	2,105.3
Total expenditures, Federal .....	5,604.6	5,905.2	6,266.7
Purchases of goods and services .....	3,099.3	3,233.6	3,393.8
Defense .....	2,924.2	3,050.8	3,203.3
Non-defense .....	175.1	182.8	190.5
Transfer payments to persons .....	2,023.4	2,184.5	2,384.4
Grants-in-aid to State and local government ....	578.2	5,940.0	600.0
Net interest paid (to persons) .....	14.7	15.2	15.7
Subsidies less current surplus of gov. ent. ....	111.0	-122.1	-127.2

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

Table 392.-- TOTAL AND PER CAPITA PERSONAL INCOME AND  
DISPOSABLE PERSONAL INCOME: 1960 TO 1991

[Data for 1969-1991 are revisions]

Year	Personal income (millions of dollars)		Per capita personal income (dollars)		Per capita personal income as percent of U.S. average	
	Total	Disposable	Total	Disposable	Total	Disposable
1960 ...	1,466	1,243	2,350	1,992	104	101
1961 ...	1,584	1,337	2,464	2,080	107	103
1962 ...	1,695	1,454	2,595	2,226	107	105
1963 ...	1,806	1,553	2,692	2,315	107	106
1964 ...	1,962	1,712	2,894	2,525	109	108
1965 ...	2,153	1,888	3,085	2,705	109	108
1966 ...	2,359	2,039	3,385	2,926	111	110
1967 ...	2,565	2,216	3,624	3,129	112	111
1968 ...	2,874	2,453	3,998	3,412	114	112
1969 ...	3,294	2,788	4,434	3,753	116	115
1970 ...	3,770	3,213	4,941	4,211	122	120
1971 ...	4,057	3,514	5,125	4,439	119	118
1972 ...	4,467	3,815	5,461	4,664	117	116
1973 ...	4,969	4,258	5,902	5,058	114	112
1974 ...	5,719	4,932	6,665	5,747	118	118
1975 ...	6,146	5,423	7,024	6,197	116	116
1976 ...	6,652	5,819	7,455	6,521	112	113
1977 ...	7,201	6,255	7,863	6,830	108	108
1978 ...	8,012	6,918	8,626	7,448	106	106
1979 ...	9,083	7,817	9,560	8,228	106	106
1980 ...	10,427	8,987	10,769	9,282	108	108
1981 ...	11,224	9,657	11,475	9,873	104	105
1982 ...	12,017	10,570	12,092	10,636	104	106
1983 ...	13,103	11,409	12,937	11,265	106	106
1984 ...	13,983	12,328	13,602	11,992	102	103
1985 ...	14,977	13,079	14,404	12,579	102	102
1986 ...	16,099	14,107	15,305	13,411	103	103
1987 ...	17,208	14,846	16,112	13,900	103	103
1988 ...	18,609	15,924	17,231	14,745	104	102
1989 ...	20,562	17,205	18,785	15,718	106	103
1990 ...	22,882	19,338	20,552	17,370	110	108
1991 ...	24,045	20,282	21,190	17,873	111	107

Source: U.S. Department of Commerce, Bureau of Economic Analysis, printouts dated September 1992.

Table 393.-- PERSONAL INCOME BY MAJOR SOURCES: 1986 TO 1991

[In millions of dollars. Revised from Data Book 1991, table 381]

Item	1986	1987	1988	1989	1990	1991
Labor and proprietors income						
By type:						
Wage and salary disbursements .	9,757	10,761	11,829	13,087	14,508	15,378
Other labor income .....	870	922	1,015	1,158	1,301	1,434
Proprietors income .....	1,500	1,501	1,511	1,700	1,775	1,864
Farm .....	107	71	73	56	33	25
Nonfarm .....	1,393	1,429	1,438	1,645	1,742	1,840
By industry:						
Farm .....	262	229	234	234	229	217
Nonfarm .....	11,865	12,955	14,121	15,711	17,355	18,459
Private .....	8,393	9,237	10,172	11,511	12,870	13,664
Government and government enterprises .....	3,472	3,717	3,949	4,200	4,486	4,795
Federal, civilian .....	950	992	1,042	1,086	1,107	1,111
Federal military .....	1,230	1,360	1,389	1,429	1,492	1,609
State and local .....	1,292	1,366	1,519	1,685	1,887	2,074
Derivation of personal income						
Labor and proprietors income ....	12,127	13,183	14,355	15,945	17,584	18,676
Less: Personal contributions for social insurance .....	725	766	879	1,009	1,123	1,224
Net labor and proprietors income	11,402	12,418	13,476	14,936	16,461	17,452
Plus: Dividends, interest, and rent .....	2,510	2,541	2,732	3,027	3,326	3,416
Plus: Transfer payments .....	2,187	2,249	2,402	2,600	3,095	3,177
Personal income .....	16,099	17,208	18,609	20,562	22,882	24,045

Source: U.S. Department of Commerce, Bureau of Economic Analysis, diskettes dated September 1992.

Table 394.-- PERSONAL INCOME, TOTAL AND PER CAPITA, BY COUNTIES:  
1980 TO 1990

Year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui and Kalawao
<b>TOTAL (MIL. DOL.)</b>						
1980 .....	10,279.2	8,293.1	1,986.2	901.3	374.4	710.5
1981 .....	11,051.4	9,039.9	2,011.4	895.8	378.3	737.3
1982 .....	11,731.7	9,570.6	2,161.1	948.9	406.6	805.7
1983 .....	12,875.3	10,396.3	2,479.0	1,080.7	462.7	935.5
1984 .....	13,627.9	11,063.9	2,564.0	1,117.3	471.7	975.1
1985 .....	14,588.7	11,815.8	2,772.8	1,188.4	515.8	1,068.6
1986 .....	15,607.4	12,537.0	3,070.4	1,316.1	566.5	1,187.9
1987 .....	16,797.7	13,486.1	3,311.6	1,416.7	612.3	1,282.6
1988 .....	18,374.8	14,685.4	3,689.4	1,553.0	708.9	1,427.5
1989 .....	20,424.1	16,205.9	4,218.2	1,770.3	804.7	1,643.2
1990 .....	22,668.4	17,880.7	4,787.7	2,026.8	884.1	1,876.8
<b>PER CAPITA (DOLLARS)</b>						
1980 .....	10,617	10,854	9,729	9,682	9,499	9,916
1981 .....	11,298	11,797	9,497	9,252	9,318	9,908
1982 .....	11,805	12,352	9,868	9,510	9,722	10,409
1983 .....	12,713	13,204	10,998	10,591	10,797	11,617
1984 .....	13,257	13,943	10,934	10,525	10,738	11,552
1985 .....	14,030	14,772	11,553	10,979	11,443	12,341
1986 .....	14,837	15,527	12,563	11,973	12,330	13,411
1987 .....	15,727	16,543	13,095	12,520	12,870	13,927
1988 .....	17,015	17,890	14,234	13,462	14,530	15,032
1989 .....	18,659	19,561	15,852	14,989	16,067	16,771
1990 .....	20,361	21,307	17,460	16,728	17,140	18,504

Source: U.S. Department of Commerce, Bureau of Economic Analysis, printout dated May 1992.

Table 395.-- PER CAPITA PERSONAL INCOME IN CURRENT AND CONSTANT DOLLARS  
FOR THE UNITED STATES AND HAWAII: 1981 AND 1991

Subject	United States	Hawaii
Per capita personal income (current dollars):		
1981 .....	11,010	11,475
1991 .....	19,092	21,190
Per capita personal income (1982-1984 dollars):		
1981 .....	12,112	12,514
1991 .....	14,018	14,318
Percent of U.S. average:		
1981 .....	100.0	104.2
1991 .....	100.0	111.0
Percent increase, 1981-1991:		
Current dollars .....	73.4	84.7
Constant dollars .....	15.7	14.4
Rank (50 States and D.C.):		
1981 .....	(X)	14
1991 .....	(X)	8
Consumer price index (1982-1984=100): <u>1/</u>		
1981 .....	90.9	91.7
1991 .....	136.2	148.0

X Not applicable.

1/ Hawaii index is for Honolulu MSA.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, printouts dated September 1992; U.S. Bureau of Labor Statistics, CPI Detailed Report (monthly).

Table 396.-- PER CAPITA PERSONAL INCOME, MEDIAN FAMILY INCOME, AND AVERAGE WAGE AND SALARY EARNINGS, IN CURRENT AND CONSTANT DOLLARS: 1939 TO 1991

[Constant dollar amounts based on Honolulu consumer price index for all urban consumers (CPI-U)]

Year	Per capita personal income <u>1/</u>		Median family cash income <u>2/</u>		Average wage or salary <u>3/</u>		Honolulu CPI-U (1982-84 =100) <u>4/</u>
	Current dollars	1982-84 dollars	Current dollars	1982-84 dollars	Current dollars	1982-84 dollars	
1939 ...	525	3,596	(NA)	(NA)	970	6,644	14.6
1949 ...	1,354	5,373	3,568	14,159	2,605	10,337	25.2
1959 ...	2,116	6,938	6,366	20,872	3,745	12,279	30.5
1969 ...	4,411	11,195	11,664	29,604	6,431	16,322	39.4
1979 ...	9,506	12,794	22,750	30,619	11,709	15,759	74.3
1989 ...	18,785	14,596	43,176	33,548	20,711	16,092	128.7
1990 ...	20,552	14,882	(NA)	(NA)	22,311	16,156	138.1
1991 ...	21,190	14,318	(NA)	(NA)	23,263	15,718	148.0

NA Not available.

1/ 1939 and 1949 from U.S. Office of Business Economics estimates cited in Robert C. Schmitt, Historical Statistics of Hawaii (1977), p. 167; 1959-1991 from U.S. Bureau of Economic Analysis, printouts filed in the Hawaii State Data Center.

2/ U.S. Bureau of the Census, decennial census data for 1949-1989, cited in present volume, table 397.

3/ Data limited to private nonagricultural wage and salary workers. 1939-1969 reported in Historical Statistics of Hawaii, p. 127; 1979 in Data Book 1985, table 343; 1989-1991 in present volume, table 363.

4/ Honolulu consumer price index for all urban consumers, reported in present volume, table 411. The 1939 index was estimated from the 1940 Honolulu index and the 1939-1940 percent change in the Mainland index.

Sources cited in footnotes.

Table 397.-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 1990

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

Year	Households	Families	Unrelated individuals with income <u>1/</u>	Persons with income <u>1/</u>	
				Male	Female
Census data:					
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
1975 .....	15,991	17,770	6,180	9,489	4,082
1979 .....	20,473	22,750	7,097	11,505	6,581
1989 .....	38,829	43,176	(NA)	(NA)	(NA)
Survey data: <u>2/</u>					
1980 .....	21,666	24,813	8,663	13,533	6,917
1981 .....	22,434	27,499	10,073	13,635	7,069
1982 .....	23,582	27,840	11,406	13,582	8,133
1983 .....	26,805	29,742	12,735	14,903	7,941
1984 .....	28,877	32,831	12,873	16,147	8,548
1985 .....	28,961	32,611	15,357	15,865	9,987
1986 .....	29,003	34,665	14,906	18,889	9,998
1987 .....	34,398	39,038	14,876	19,872	10,765
1988 <u>3/</u> .....	33,024	39,609	14,376	18,375	8,983
1989 .....	35,035	(NA)	(NA)	(NA)	(NA)
1990 .....	38,921	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ 14 years old and over through 1975, and 15 years old and over thereafter. Data for 1975 and 1980-1988 exclude persons in military group quarters.

2/ Based on small samples and subject to considerable sampling variation.

3/ Revision in income imputation procedures.

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); Current Population Reports, Consumer Income, Series P-60, No. 108 (November 1977), p. 145; Current Population Reports, Consumer Income, Series P-60, No. 113 (July 1978), pp. 175-177; Current Population Survey (March), annual, 1981 to 1989, machine-readable file, tabulated by Hawaii State Data Center; Current Population Reports, Consumer Income, Series P-60, No. 174 (August 1991), pp. 196 and 210; Release CB92-47 (April 29, 1992) and Summary Tape File 3A.

Table 398.-- 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 <sup>1/</sup>	
	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
Waipahu .....	38,380	40,635	17,691	13.4	12.8

B Base figure too small for statistical reliability.

<sup>1/</sup> 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, Release CB92-47 (April 29, 1992) and STF-3A.



Table 399.-- INCOME OF HOUSEHOLDS, FAMILIES, AND NONFAMILY HOUSEHOLDS, FOR THE STATE AND OAHU: 1989

[Data refer to income before taxes, as reported in census of April 1990]

Annual income	Households		Families		Nonfamily households	
	State	Oahu	State	Oahu	State	Oahu
Total .....	356,748	265,625	266,439	199,597	90,309	66,028
Less than \$5,000 .....	13,393	9,342	5,411	3,778	8,562	5,951
\$5,000 to \$9,999 .....	18,011	11,331	8,763	5,515	9,910	6,218
\$10,000 to \$14,999 .....	21,657	14,883	13,306	9,004	9,174	6,399
\$15,000 to \$24,999 .....	53,305	38,547	36,267	26,112	18,528	13,493
\$25,000 to \$34,999 .....	52,186	38,086	38,048	27,388	14,671	11,206
\$35,000 to \$49,999 .....	68,063	50,116	53,675	39,144	14,434	11,164
\$50,000 to \$74,999 .....	73,616	57,116	62,526	48,442	9,636	7,532
\$75,000 to \$99,999 .....	31,076	25,221	26,985	22,260	2,812	2,108
\$100,000 to \$149,999 .....	17,640	14,629	14,901	12,589	1,718	1,291
\$150,000 or more .....	7,801	6,354	6,557	5,365	864	666
Median income (dollars) ..	38,829	40,581	43,176	45,313	24,376	25,685

Source: U.S. Bureau of the Census, Release CB92-47 (April 29, 1992), and STF-3A.

Table 400.-- MEDIAN INCOME FOR FOUR-PERSON FAMILIES:  
1974 TO 1990

Year <u>1/</u>	Dollars	Year <u>1/</u>	Dollars	Year <u>1/</u>	Dollars
1974 .....	17,069	1980 .....	27,514	1986 .....	36,618
1975 .....	18,825	1981 .....	29,295	1987 .....	40,878
1976 .....	20,113	1982 .....	30,019	1988 .....	42,353
1977 .....	21,718	1983 .....	31,614	1989 .....	44,988
1978 .....	22,475	1984 .....	33,445	1990 <u>2/</u> ...	50,234
1979 .....	24,582	1985 .....	34,636		

1/ Calendar year for which estimate was made. Estimates are for application for fiscal years 1978-1993.

2/ The 1990 U.S. median was \$41,451. Hawaii ranked 6th among the 50 States.

Source: U.S. Bureau of the Census, "Estimates of Median Four-Person Family Income, by State: 1974-89," Current Population Reports, Technical Paper 61 (January 1992), pp. 5-6; Office of Community Services, "Fiscal Year (FY) 1993 State Median Income Estimates for Use Under the Administration for Children and Families, Office of Community Services, Division of Energy Assistance," Federal Register, Vol. 57, No. 38, February 20, 1992, pp. 6614-6615, and Correction, Vol. 57, No. 52, March 17, 1992, p. 9346.

Table 401.-- GINI RATIOS: 1929 TO 1988

[Gini ratios are measures of income equality, ranging from zero to one. Lower ratios indicate relative equality of incomes; higher ratios, relative inequality]

Year	Gini ratio
1929 .....	.513
1959 .....	.428
1970 .....	.441
1988 .....	<u>1/</u> .519

1/ The 1988 nationwide ratio was .526, compared with .428 in 1970. Hawaii ranked 32nd among the 50 States in income equality in 1988.

Source: First Hawaiian Bank, "Income Distribution in Paradise," Economic Indicators, January-February 1991.

Table 402.-- INCOME TYPE AND PER CAPITA INCOME IN 1989, FOR THE STATE AND OAHU: 1990

Subject	State total	Oahu only
Households .....	356,748	265,625
With wage and salary income .....	297,748	226,536
Mean wage and salary income (dollars) .....	43,025	44,702
With nonfarm self-employment income .....	51,415	35,022
Mean nonfarm self-employment income (dollars) ...	22,521	22,477
With farm self-employment income .....	5,956	2,164
Mean farm self-employment income (dollars) .....	10,925	8,272
With Social Security income .....	90,377	64,394
Mean Social Security income (dollars) .....	7,815	7,712
With public assistance income .....	24,240	16,803
Mean public assistance income (dollars) .....	5,272	5,264
With retirement income .....	71,005	53,219
Mean retirement income (dollars) .....	12,116	13,230
Per capita income (dollars) .....	15,770	16,256

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

Table 403.-- POVERTY STATUS OF PERSONS: 1969, 1975, AND 1979 TO 1990

[Based on Mainland poverty thresholds. 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:			1982 .....	132,000	13.2
1969 .....	68,543	9.3	1983 .....	135,000	13.4
1975 .....	67,000	7.9	1984 .....	92,000	9.3
1979 .....	91,618	9.9	1985 .....	109,000	10.7
1989 .....	88,408	8.3	1986 .....	109,000	10.7
			1987 .....	95,000	8.8
CPS: 1/			1988 .....	117,000	11.1
1980 .....	81,000	8.5	1989 .....	122,000	11.3
1981 .....	108,000	11.3	1990 2/ ....	121,000	11.0

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

2/ Standard errors in 1990 were 19,000 for the number of poor and 1.7 for the poverty rate. For the entire United States in 1990, there were 33,585,000 persons below the poverty level and the poverty rate was 13.5 percent.

Source: U.S. Bureau of the Census, 1970 Census of Population, PC(1)-C13 (December 1971), table 58; Current Population Reports, Consumer Income, Series P-60, No. 113 (July 1978), p. 179; 1980 Census of Population, PC80-1-C13 (June 1983), table 72; Current Population Reports, Consumer Income, Series P-60, No. 175 (August 1991), pp. 219-221; 1990 CPH-L-80, table 3.

Table 404.-- 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 404.-- 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 405.-- POVERTY INCOME GUIDELINES: 1990, 1991 AND 1992

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

Size of family unit	Effective Feb. 16, 1990	Effective Feb. 20, 1991	Effective Feb. 14, 1992
1 .....	7,230	7,610	7,830
2 .....	9,690	10,210	10,570
3 .....	12,150	12,810	13,310
4 .....	14,610	15,410	<u>1/</u> 16,050
5 .....	17,070	18,010	18,790
6 .....	19,530	20,610	21,530
7 .....	21,990	23,210	24,270
8 .....	24,450	25,810	<u>2/</u> 27,010

1/ Corresponding levels for four-person families elsewhere in the United States were \$13,950 on the Mainland and \$17,440 in Alaska.

2/ For larger families, add \$2,740 for each additional member.

Source: U.S. Department of Health and Human Services, "Annual Update of the Poverty Income Guidelines," Federal Register, Vol. 55, No. 33 (February 16, 1990), pp. 5664-5666; "Annual Update of the HHS Poverty Income Guidelines," Federal Register, Vol. 56, No. 34 (February 20, 1991), pp. 6859-6861; and "Annual Update of the HHS Poverty Guidelines," Federal Register, Vol. 57, No. 31 (February 14, 1992), pp. 5455-5457.

Table 406.-- ANNUAL INCOME AND EXPENDITURES OF CONSUMER UNITS,  
FOR OAHU: 1987-88 TO 1989-90

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

Item	Annual averages (dollars)		
	1987-88	1988-89	1989-90
Total expenditures .....	32,164	33,425	33,320
Food at home .....	2,828	2,814	3,025
Food away from home .....	2,298	2,414	2,430
Alcoholic beverages .....	329	388	407
Housing .....	9,386	10,266	10,359
Shelter .....	6,196	6,869	6,770
Utilities, fuels, and public services	1,211	1,259	1,248
Household operations .....	287	375	500
Housekeeping supplies .....	404	432	509
Housefurnishings and equipment .....	1,288	1,331	1,333
Apparel and services .....	1,927	1,740	1,477
Transportation .....	6,023	5,893	5,200
Health care .....	1,115	1,469	1,691
Entertainment .....	1,651	1,534	1,582
Personal care products and services ....	470	480	475
Reading .....	173	186	206
Education .....	730	710	656
Tobacco products and smoking supplies ..	228	251	231
Miscellaneous .....	631	792	919
Cash contributions .....	874	937	886
Personal insurance and pensions .....	3,500	3,550	3,777
Money income before taxes .....	32,230	39,733	40,533
Personal taxes .....	3,833	5,587	5,006
Money income after taxes .....	28,397	34,146	35,527
Net change in total assets .....	(NA)	16,394	18,090
Net change in total liabilities .....	(NA)	19,686	18,213
Other money receipts .....	206	201	342
Mortgage principal paid on owned property	-625	-616	-598
Gifts of goods and services .....	254	1,339	1,210

NA Not available.

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



Table 407.-- TOP WEALTHHOLDERS: 1962 TO 1986

[Top wealthholders are defined as persons with a gross estate in excess of specified amounts, rising from \$60,000 in 1962 to \$500,000 in 1986. 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

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, and Spring 1990, pp. 63-78.

Table 408.-- TOTAL AND SELECTED ASSETS, DEBTS AND MORTGAGES, AND NET WORTH OF TOP WEALTHHOLDERS: 1986

[Top wealthholders are defined for this table as persons with net worth under \$10,000,000 and gross assets of \$500,000 or more]

Subject	Number of persons	Amount (millions of dollars)
Total assets <sup>1/</sup> .....	11,000	11,330
Debts and mortgages .....	10,100	1,475
Net worth .....	11,000	9,855
Total assets by type:		
Real estate .....	10,800	5,447
Corporate stock .....	8,900	2,439
Cash .....	10,700	1,041
Total bonds .....	5,800	806

<sup>1/</sup> For the U.S., top wealthholders numbered 3,304,300. Hawaii ranked 42nd among the 50 States. In top wealthholders per 10,000 residents 18 years and over, ratios were 141 for Hawaii and 186 for the entire nation.

Source: U.S. Internal Revenue Service, "Estimates of Personal Wealth, 1986," SOI Bulletin, Spring 1990, pp. 63-78, table 7.

Table 409.-- WORTH OF RICHEST RESIDENTS: 1992

Name	Age (years)	Net worth (million dollars)
Barbara Cox Anthony .....	69	2,100
Doris Duke <sup>1/</sup> .....	79	750
Campbell family .....	...	700
Kelley family .....	...	400
Richard Palmer Kaleioku Smart .....	79	< 265

<sup>1/</sup> Also a resident of New Jersey and Rhode Island.

Source: "The Richest People in America," Forbes, October 19, 1992, pp. 90-270.