

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 1989 was about \$24 billion. The major sources of outside income to Hawaii in 1989 were defense expenditures (\$2.0 billion), pineapple production (\$242 million), sugar production (\$322 million), and visitor expenditures (\$10.9 billion). Personal income in 1989 was \$20.4 billion, compared with \$9.0 billion only ten years earlier, and per capita personal income was \$18,500, almost twice the 1979 level. The per capita figure for Hawaii was 5.0 percent above the national average, reflecting in part the Islands' higher cost of living. The median annual income of families, based on data for 1988, was \$39,600; for unrelated individuals, the median was \$14,400. The official poverty threshold for a 4-person family in Hawaii was set in February 1990 at \$14,610. In 1988, 8.4 percent of Island families and 21.9 percent of unrelated individuals were below the U.S. poverty level. The most recent family expenditure survey, taken in 1986 and 1987, reported that the largest items in the family budget on Oahu were housing (accounting for 30.5 percent of total spending), food (17.0 percent), and transportation (15.0 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, U.S. Department of Housing and Urban Development, 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: 1990, Section 14.

Table 383.-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES: 1970 TO 1989

[In millions of dollars]

| Year | Total for four major industries | Value of production | | Defense expenditures <u>2/</u> | Visitor expenditures <u>3/</u> |
|----------|---------------------------------|----------------------------------|-------------------------------|--------------------------------|--------------------------------|
| | | Raw sugar and molasses <u>1/</u> | Fresh and processed pineapple | | |
| 1970 ... | 1,561 | 187.8 | 138.6 | 639.4 | 595 |
| 1971 ... | 1,758 | 202.9 | 141.4 | 708.8 | 705 |
| 1972 ... | 1,914 | 184.7 | 145.4 | 744.2 | 840 |
| 1973 ... | 2,226 | 222.2 | 142.4 | 840.9 | 1,020 |
| 1974 ... | 2,927 | 676.6 | 127.1 | 897.9 | 1,225 |
| 1975 ... | 2,846 | 366.1 | 136.7 | 982.8 | 1,360 |
| 1976 ... | 3,076 | 257.0 | 144.5 | 1,034.2 | 1,640 |
| 1977 ... | 3,320 | 226.8 | 161.6 | 1,086.6 | 1,845 |
| 1978 ... | 3,750 | 285.2 | 162.8 | 1,155.5 | 2,146 |
| 1979 ... | 4,311 | 345.7 | 206.4 | 1,221.8 | 2,537 |
| 1980 ... | 5,013 | 594.1 | 226.5 | 1,317.4 | 2,875 |
| 1981 ... | 5,195 | 327.9 | 217.6 | 1,449.3 | 3,200 |
| 1982 ... | 5,951 | 351.5 | 206.0 | 1,693.4 | 3,700 |
| 1983 ... | 6,451 | 410.2 | 219.0 | 1,848.2 | 3,974 |
| 1984 ... | 7,092 | 393.0 | 249.6 | 1,867.2 | 4,582 |
| 1985 ... | 7,413 | 340.8 | 222.5 | 1,965.4 | 4,884 |
| 1986 ... | 7,885 | 361.9 | 238.4 | 1,784.9 | 5,550 |
| 1987 ... | 9,043 | 335.9 | 251.4 | 1,857.0 | 6,600 |
| 1988 ... | 11,663 | 324.0 | 247.0 | 1,892.4 | 9,200 |
| 1989 ... | 13,509 | 322.0 | 241.9 | 2,038.2 | 10,907 |

1/ Excludes government sugar support payments.

2/ Does not include military retired pay, Hawaii National Guard expenditures, or U.S. Army Corps of Engineers contracts. Data for 1986 and 1987 are partly estimated. 1989 is preliminary.

3/ Direct visitor expenditures in Hawaii, exclusive of trans-pacific transportation and expenditures of carriers and crews.

Source: Hawaii Agricultural Statistics Service, Statistics of Hawaiian Agriculture (annual) and records; data supplied to DBED by armed forces; Hawaii Visitors Bureau, "Neighbor Island Statistics," tabular releases dated May 1989 and 1990.

Table 384.-- GROSS STATE PRODUCT AND PER CAPITA GROSS STATE PRODUCT: 1958 TO 1989

| Year | Gross state product | | Per capita gross state product | |
|--------------|-----------------------------|--------------------------|--------------------------------|--------------|
| | Millions of current dollars | Millions of 1982 dollars | Current dollars | 1982 dollars |
| 1958 | 1,415.0 | 4,152.3 | 2,337 | 6,859 |
| 1959 | 1,572.5 | 4,632.4 | 2,528 | 7,447 |
| 1960 | 1,805.1 | 5,248.1 | 2,814 | 8,181 |
| 1961 | 1,886.5 | 5,250.0 | 2,864 | 7,970 |
| 1962 | 1,965.8 | 5,471.0 | 2,876 | 8,004 |
| 1963 | 2,101.8 | 5,606.2 | 3,081 | 8,217 |
| 1964 | 2,301.3 | 6,167.5 | 3,288 | 8,813 |
| 1965 | 2,530.4 | 6,714.3 | 3,595 | 9,540 |
| 1966 | 2,771.4 | 7,083.5 | 3,902 | 9,972 |
| 1967 | 2,990.0 | 7,329.4 | 4,138 | 10,144 |
| 1968 | 3,344.5 | 7,932.5 | 4,554 | 10,800 |
| 1969 | 3,952.3 | 8,905.6 | 5,268 | 11,871 |
| 1970 | 4,414.0 | 9,324.6 | 5,720 | 12,084 |
| 1971 | 4,773.8 | 9,806.5 | 5,955 | 12,233 |
| 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 | 12,619 | 14,131 |
| 1981 | 13,078.3 | 14,022.5 | 13,343 | 14,306 |
| 1982 | 13,691.0 | 13,691.0 | 13,725 | 13,725 |
| 1983 | 14,811.8 | 14,210.0 | 14,541 | 13,950 |
| 1984 | 15,826.5 | 14,637.0 | 15,276 | 14,128 |
| 1985 | 16,813.9 | 15,046.4 | 16,021 | 14,337 |
| 1986 | 18,036.2 | 15,738.4 | 16,956 | 14,796 |
| 1987 | 19,713.1 | 16,460.9 | 18,219 | 15,221 |
| 1988 | 21,587.6 | 17,332.7 | 19,693 | 15,812 |
| 1989 (p) ... | 23,959.5 | 18,321.2 | 21,544 | 16,474 |

Source: Follows table 390.

Table 385.-- EXPENDITURES ON GROSS STATE PRODUCT: 1986 TO 1988

[In millions of dollars]

| Item | 1986 | 1987 | 1988 |
|---|----------|----------|----------|
| Gross state product | 18,036.2 | 19,713.1 | 21,587.6 |
| Personal consumption expenditures <u>1/</u> | 11,400.6 | 12,401.8 | 13,527.2 |
| Goods | 8,211.5 | 8,934.8 | 9,747.8 |
| Durables | 2,360.4 | 2,577.0 | 2,820.4 |
| Non-durables | 5,851.1 | 6,357.8 | 6,927.4 |
| Services | 3,189.1 | 3,467.0 | 3,779.4 |
| Gross private domestic investment | 2,090.4 | 2,538.0 | 3,054.0 |
| Fixed investment | 2,024.5 | 2,466.3 | 2,975.8 |
| Non-residential | 1,410.8 | 1,668.2 | 1,975.8 |
| Structures | 705.4 | 811.2 | 928.9 |
| Producers' durable equipment | 705.4 | 857.0 | 1,046.9 |
| Residential | 613.7 | 798.1 | 1,000.0 |
| Change in inventories | 65.9 | 71.7 | 78.2 |
| Government purchases of goods and services | 5,851.3 | 6,161.4 | 6,524.3 |
| State and local | 2,717.7 | 2,962.5 | 3,245.1 |
| Compensation of employees | 1,500.2 | 1,631.3 | 1,778.7 |
| Purchases from business | 1,217.5 | 1,331.2 | 1,466.4 |
| Construction | 297.3 | 338.9 | 379.9 |
| Other current equipment | 920.2 | 992.3 | 1,086.5 |
| Federal | 3,133.6 | 3,198.9 | 3,279.2 |
| Defense | 2,866.3 | 2,923.6 | 2,987.9 |
| Non-defense | 267.3 | 275.3 | 291.3 |
| Net exports | -1,452.4 | -1,385.3 | -1,638.2 |
| Exports | 9,265.0 | 10,603.5 | 12,188.3 |
| Commodities (Merchandise) | 1,389.8 | 1,445.4 | 1,503.2 |
| Services and income from investments | 2,353.2 | 2,533.1 | 2,745.1 |
| Visitor and crew expenditures | 5,522.0 | 6,625.0 | 7,940.0 |
| Less: Imports | 10,717.4 | 11,988.8 | 13,826.5 |
| Commodities (Merchandise) | 7,718.5 | 8,604.6 | 9,908.0 |
| Services and income from investments | 2,669.3 | 3,023.8 | 3,519.6 |
| Out-of-state expenditures by Hawaii residents | 329.6 | 360.4 | 398.9 |
| Discrepancy and omissions | 146.3 | -2.8 | 120.3 |

1/ Purchases by Hawaii residents.

Source follows table 390.

Table 386.-- GROSS STATE (DOMESTIC) PRODUCT, BY INDUSTRY: 1963 TO 1986

[Money amounts in millions of dollars]

| Item | 1963 | 1967 | 1972 | 1977 | 1982 |
|--|--------|--------|--------|--------|--------|
| Total gross state (domestic) product | 2,170 | 3,066 | 5,390 | 9,037 | 14,259 |
| Farms | 139 | 132 | 160 | 205 | 325 |
| Agric. services, forestry, fisheries | 7 | 10 | 18 | 32 | 49 |
| Mining | 1 | - | 5 | - | 2 |
| Construction | 143 | 214 | 416 | 566 | .892 |
| Manufacturing | 202 | 231 | 328 | 562 | 713 |
| Transportation and public utilities | 190 | 308 | 532 | 922 | 1,389 |
| Wholesale trade | 161 | 212 | 319 | 447 | 634 |
| Retail trade | 207 | 320 | 555 | 1,035 | 1,608 |
| Finance, insurance, and real estate | 294 | 459 | 784 | 1,460 | 2,388 |
| Services | 240 | 383 | 774 | 1,444 | 2,574 |
| Federal civilian government | 202 | 288 | 423 | 590 | 932 |
| Federal military | 224 | 257 | 628 | 964 | 1,532 |
| State and local government | 161 | 252 | 449 | 810 | 1,220 |
| | | | | 1986 | |
| Item | 1983 | 1984 | 1985 | Number | Pct. |
| Total gross state (domestic) product | 15,533 | 16,724 | 17,994 | 19,320 | 100.0 |
| Farms | 336 | 355 | 377 | 386 | 2.0 |
| Agric. services, forestry, fisheries | 57 | 60 | 62 | 68 | 0.4 |
| Mining | 4 | 3 | 3 | 2 | (Z) |
| Construction | 987 | 948 | 1,036 | 1,183 | 6.1 |
| Manufacturing | 736 | 866 | 944 | 1,000 | 5.2 |
| Transportation and public utilities | 1,517 | 1,682 | 1,783 | 1,911 | 9.9 |
| Wholesale trade | 661 | 748 | 803 | 841 | 4.4 |
| Retail trade | 1,739 | 1,891 | 2,036 | 2,151 | 11.1 |
| Finance, insurance, and real estate | 2,670 | 2,775 | 3,022 | 3,398 | 17.6 |
| Services | 2,930 | 3,248 | 3,509 | 3,823 | 19.8 |
| Federal civilian government | 1,015 | 1,110 | 1,184 | 1,182 | 6.1 |
| Federal military | 1,588 | 1,689 | 1,813 | 1,848 | 9.6 |
| State and local government | 1,292 | 1,349 | 1,423 | 1,526 | 7.9 |

Z Less than 0.05 percent.

Source: U.S. Department of Commerce, "Gross State Product, By Industry: 1963-86," Survey of Current Business, May 1988.

Table 387.-- CHARGES AGAINST GROSS STATE PRODUCT: 1986 TO 1988

[In millions of dollars]

| Item | 1986 | 1987 | 1988 |
|---|----------|----------|----------|
| Charges against gross state product | 18,036.2 | 19,713.1 | 21,587.6 |
| Compensation of employees | 11,754.5 | 12,852.5 | 14,079.8 |
| Wages and salaries | 9,781.5 | 10,673.0 | 11,706.0 |
| Supplements to wages and salaries | 1,973.0 | 2,179.5 | 2,373.8 |
| Employers' contributions for social ins. ... | 1,131.0 | 1,237.5 | 1,357.8 |
| State programs | 202.9 | 230.8 | 259.0 |
| Federal programs | 928.1 | 1,006.7 | 1,098.8 |
| Other labor income | 842.0 | 942.0 | 1,016.0 |
| Proprietors' income | 1,219.0 | 1,303.0 | 1,404.0 |
| Rental income | 89.4 | 92.7 | 102.3 |
| Corporate profits before tax | 690.9 | 815.7 | 906.6 |
| Profit tax | 201.2 | 242.3 | 263.1 |
| State | 46.2 | 67.3 | 63.1 |
| Federal | 155.0 | 175.0 | 200.0 |
| Profits after tax | 489.7 | 573.4 | 643.5 |
| Dividends | 345.0 | 383.2 | 410.3 |
| Undistributed profits | 144.7 | 190.2 | 233.2 |
| Net interest | 1,565.6 | 1,624.2 | 1,792.8 |
| State income | 15,319.4 | 16,688.1 | 18,285.5 |
| Business transfer payments | 98.6 | 109.6 | 122.6 |
| To persons | 71.6 | 81.3 | 92.8 |
| To non-profit institutions | 27.0 | 28.3 | 29.8 |
| Indirect business tax and non-tax, state and local | 1,434.4 | 1,671.1 | 1,881.7 |
| Subsidies less surplus of state and local government enterprises | -20.8 | -22.2 | -23.5 |
| Indirect tax and non-tax, Federal | 80.1 | 83.4 | 87.2 |
| Subsidies less surplus of Federal government enterprises | -88.1 | -95.0 | -101.7 |
| Charges against net state product | 17,041.4 | 18,669.4 | 20,502.0 |
| Capital consumption allowances | 994.8 | 1,032.7 | 1,085.4 |

Source follows table 390.

Table 388.-- PERSONAL CONSUMPTION EXPENDITURES OF HAWAII'S RESIDENT
POPULATION: 1986 TO 1988

[In millions of dollars]

| Item | 1986 | 1987 | 1988 |
|--|----------|----------|----------|
| Personal consumption expenditures | 11,400.6 | 12,401.8 | 13,527.1 |
| Food, alcoholic beverages and tobacco | 2,622.1 | 2,864.8 | 3,124.8 |
| Clothing, accessories and jewelry | 524.4 | 570.5 | 622.2 |
| Personal care | 114.0 | 124.0 | 135.3 |
| Housing | 1,960.9 | 2,145.5 | 2,340.2 |
| Household operation | 1,219.9 | 1,339.4 | 1,460.9 |
| Medical care | 1,209.5 | 1,338.7 | 1,440.7 |
| Personal business | 1,014.7 | 1,041.8 | 1,136.3 |
| Transportation | 1,288.3 | 1,413.8 | 1,555.6 |
| Recreation | 832.2 | 905.3 | 987.5 |
| Private education and research | 136.8 | 136.4 | 148.8 |
| Religious and welfare activities | 148.2 | 161.2 | 175.9 |
| Out-of-State expenditures of residents | 329.6 | 360.4 | 398.9 |

Source follows table 390.

Table 389.-- HAWAII'S EXPORTS AND IMPORTS OF GOODS AND SERVICES:
1986 TO 1988

[In millions of dollars]

| Classification | 1986 | 1987 | 1988 |
|--|----------|----------|----------|
| Hawaii's exports of goods and services ^{1/} | 9,265.0 | 10,603.5 | 12,188.3 |
| Merchandise exports | 1,389.8 | 1,445.4 | 1,503.2 |
| Primary | 514.1 | 491.7 | 496.7 |
| Sugar and molasses | 317.7 | 296.1 | 285.1 |
| Pineapple | 196.4 | 195.6 | 211.6 |
| Secondary | 162.8 | 170.4 | 181.5 |
| Garments | 50.0 | 45.0 | 47.2 |
| Canned tuna | 10.1 | - | - |
| Flowers | 27.0 | 30.1 | 32.8 |
| Papaya | 7.9 | 8.3 | 9.8 |
| Macadamia nuts and coffee | 22.2 | 22.6 | 26.0 |
| All other | 45.6 | 64.4 | 65.7 |
| Miscellaneous | 712.9 | 783.2 | 825.0 |
| Other processed foods and feeds | 25.0 | 26.3 | 28.1 |
| Fuels and petroleum products | 164.0 | 178.3 | 191.6 |
| All other | 523.9 | 578.7 | 605.3 |
| Services and income from investments | 2,353.2 | 2,533.1 | 2,745.1 |
| Visitors and crew expenditures | 5,522.0 | 6,625.0 | 7,940.0 |
| Hawaii's imports of goods and services | 10,717.4 | 11,988.8 | 13,826.5 |
| Merchandise imports | 7,718.5 | 8,604.6 | 9,908.0 |
| Domestic | 6,120.8 | 6,685.8 | 7,510.3 |
| Domestic, waterborne | 5,819.8 | 6,376.0 | 7,173.4 |
| Domestic, airborne | 301.0 | 309.8 | 336.9 |
| Foreign, total | 1,597.7 | 1,918.8 | 2,397.7 |
| Services and income from investments | 2,669.3 | 3,023.8 | 3,519.6 |
| Out-of-State expenditures by Hawaii residents | 329.6 | 360.4 | 398.9 |

^{1/} Not available separately for foreign and domestic exports.
Source follows table 390.

Table 390.-- SUMMARY OF GOVERNMENT ACCOUNTS, STATE AND LOCAL,
AND FEDERAL: 1986 TO 1988

[In millions of dollars]

| Item | 1986 | 1987 | 1988 |
|--|---------|---------|---------|
| Total revenues, State and local | 3,245.9 | 3,703.4 | 4,167.9 |
| State and local tax and non-tax | 2,708.5 | 3,153.1 | 3,570.3 |
| Personal tax and non-tax | 931.8 | 1,082.7 | 1,249.4 |
| Corporate profits tax | 46.2 | 67.3 | 63.1 |
| Indirect business tax and non-tax | 1,434.4 | 1,671.1 | 1,881.7 |
| Contributions to social insurance programs ... | 296.1 | 332.0 | 376.1 |
| Employer | 202.9 | 230.8 | 259.0 |
| Personal | 93.2 | 101.2 | 117.1 |
| Federal grants-in-aid | 537.4 | 550.3 | 597.6 |
| Total expenditures, State and local | 2,873.0 | 3,179.5 | 3,469.8 |
| Purchases of goods and services | 2,717.7 | 2,962.5 | 3,245.1 |
| Compensation of employees | 1,500.2 | 1,631.3 | 1,778.7 |
| Purchases from business | 1,217.5 | 1,331.2 | 1,466.4 |
| Transfer payments to persons | 308.7 | 326.2 | 349.3 |
| Net interest paid | -181.3 | -107.4 | -98.3 |
| Subsidies less current surplus of gov. ent. | -20.8 | -22.2 | -23.5 |
| Surplus or deficit (-), State & local | 421.6 | 544.2 | 695.3 |
| Total revenues, Federal | 5,384.9 | 5,559.0 | 5,813.2 |
| Federal tax and non-tax revenues | 2,352.5 | 2,599.0 | 2,928.2 |
| Personal tax and non-tax | 565.5 | 657.1 | 758.3 |
| Corporate profits tax | 155.0 | 175.0 | 200.0 |
| Indirect business tax and non-tax | 80.1 | 83.4 | 87.2 |
| Contributions for social insurance programs .. | 1,551.9 | 1,683.5 | 1,882.7 |
| Employer | 928.1 | 1,006.7 | 1,098.8 |
| Personal | 623.8 | 676.8 | 783.9 |
| Transfers from Federal gov. in Washington, D.C. | 2,994.7 | 2,898.6 | 2,865.7 |
| Total expenditures, Federal | 5,384.9 | 5,559.0 | 5,813.2 |
| Purchases of goods and services | 3,133.6 | 3,198.9 | 3,279.2 |
| Defense | 2,866.3 | 2,923.6 | 2,987.9 |
| Non-defense | 267.3 | 275.3 | 291.3 |
| Transfer payments to persons | 1,787.6 | 1,890.1 | 2,023.1 |
| Grants-in-aid to State and local government | 537.4 | 550.3 | 597.6 |
| Net interest paid (to persons) | 14.3 | 14.7 | 15.0 |
| Subsidies less current surplus of gov. ent. | -88.1 | -95.0 | -101.7 |

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 revised.

Table 391.-- TOTAL AND PER CAPITA PERSONAL INCOME AND
DISPOSABLE PERSONAL INCOME: 1960 TO 1989

[Revised from Data Book 1989, table 384]

| 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 ... | 3,277 | 2,747 | 4,411 | 3,698 | 116 | 114 |
| 1970 ... | 3,772 | 3,191 | 4,944 | 4,182 | 122 | 120 |
| 1971 ... | 4,060 | 3,478 | 5,129 | 4,394 | 119 | 118 |
| 1972 ... | 4,473 | 3,780 | 5,468 | 4,620 | 117 | 116 |
| 1973 ... | 4,967 | 4,204 | 5,901 | 4,993 | 114 | 112 |
| 1974 ... | 5,702 | 4,861 | 6,645 | 5,665 | 118 | 117 |
| 1975 ... | 6,159 | 5,374 | 7,038 | 6,141 | 116 | 116 |
| 1976 ... | 6,670 | 5,783 | 7,474 | 6,480 | 112 | 113 |
| 1977 ... | 7,210 | 6,213 | 7,873 | 6,784 | 108 | 108 |
| 1978 ... | 8,043 | 6,898 | 8,660 | 7,427 | 106 | 107 |
| 1979 ... | 9,031 | 7,711 | 9,506 | 8,116 | 105 | 106 |
| 1980 ... | 10,279 | 8,776 | 10,617 | 9,065 | 107 | 108 |
| 1981 ... | 11,051 | 9,418 | 11,273 | 9,608 | 103 | 104 |
| 1982 ... | 11,732 | 10,213 | 11,759 | 10,237 | 102 | 105 |
| 1983 ... | 12,875 | 11,100 | 12,641 | 10,898 | 104 | 105 |
| 1984 ... | 13,628 | 11,886 | 13,157 | 11,475 | 100 | 102 |
| 1985 ... | 14,589 | 12,606 | 13,900 | 12,011 | 100 | 101 |
| 1986 ... | 15,607 | 13,527 | 14,673 | 12,717 | 101 | 102 |
| 1987 ... | 16,832 | 14,365 | 15,540 | 13,276 | 101 | 101 |
| 1988 ... | 18,388 | 15,669 | 16,840 | 14,294 | 102 | 101 |
| 1989 ... | 20,358 | 17,331 | 18,472 | 15,584 | 105 | 104 |

Source: U.S. Department of Commerce, Bureau of Economic Analysis, printouts dated April 1990 and August 1990.

Table 392.-- PERSONAL INCOME BY MAJOR SOURCES: 1984 TO 1989

[In millions of dollars. Revised from Data Book 1989, table 387]

| Item | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|---|--------|--------|--------|--------|--------|--------|
| Labor and proprietors income | | | | | | |
| By type: | | | | | | |
| Wage and salary disbursements . | 8,584 | 9,184 | 9,779 | 10,691 | 11,755 | 13,004 |
| Other labor income | 752 | 759 | 852 | 908 | 985 | 1,115 |
| Proprietors income | 937 | 1,062 | 1,203 | 1,272 | 1,445 | 1,542 |
| Farm | 115 | 108 | 154 | 95 | 100 | 66 |
| Nonfarm | 822 | 945 | 1,049 | 1,176 | 1,346 | 1,476 |
| By industry: | | | | | | |
| Farm | 267 | 258 | 306 | 254 | 259 | 230 |
| Nonfarm | 10,005 | 10,746 | 11,528 | 12,617 | 13,927 | 15,431 |
| Private | 6,780 | 7,314 | 8,006 | 8,950 | 10,034 | 11,291 |
| Government and government enterprises | 3,225 | 3,432 | 3,522 | 3,667 | 3,893 | 4,140 |
| Federal, civilian | 919 | 967 | 950 | 992 | 1,042 | 1,088 |
| Federal military | 1,175 | 1,274 | 1,295 | 1,326 | 1,352 | 1,394 |
| State and local | 1,131 | 1,192 | 1,278 | 1,349 | 1,499 | 1,657 |
| Derivation of personal income | | | | | | |
| Labor and proprietors income | 10,272 | 11,005 | 11,834 | 12,871 | 14,186 | 15,661 |
| Less: Personal contributions for social insurance | 626 | 678 | 728 | 766 | 873 | 995 |
| Net labor and proprietors income | 9,646 | 10,327 | 11,106 | 12,105 | 13,313 | 14,666 |
| Plus: Dividends, interest, and rent | 2,049 | 2,189 | 2,308 | 2,414 | 2,683 | 3,217 |
| Plus: Transfer payments | 1,933 | 2,073 | 2,194 | 2,296 | 2,464 | 2,660 |
| Personal income | 13,628 | 14,589 | 15,608 | 16,815 | 18,459 | 20,543 |

Source: U.S. Department of Commerce, Bureau of Economic Analysis, diskettes dated August 1989 and August 1990.

Table 393.-- PERSONAL INCOME, TOTAL AND PER CAPITA, BY COUNTIES:
1978 TO 1988

| Year | State total | City and County of Honolulu | Other counties | | | |
|-------------------------|-------------|-----------------------------|----------------|---------|--------|------------------|
| | | | Total | Hawaii | Kauai | Maui and Kalawao |
| TOTAL (MIL. DOL.) | | | | | | |
| 1978 | 8,043.1 | 6,618.5 | 1,424.6 | 636.0 | 273.2 | 515.3 |
| 1979 | 9,030.9 | 7,395.5 | 1,635.4 | 724.4 | 313.0 | 598.0 |
| 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 | 16,832.2 | 13,515.1 | 3,317.2 | 1,420.4 | 616.4 | 1,280.4 |
| 1988 | 18,388.0 | 14,706.2 | 3,681.8 | 1,565.9 | 694.8 | 1,421.1 |
| PER CAPITA (DOLLARS) | | | | | | |
| 1978 | 8,660 | 8,938 | 7,565 | 7,425 | 7,444 | 7,814 |
| 1979 | 9,506 | 9,816 | 8,318 | 8,133 | 8,234 | 8,600 |
| 1980 | 10,617 | 10,854 | 9,729 | 9,682 | 9,499 | 9,916 |
| 1981 | 11,275 | 11,765 | 9,496 | 9,232 | 9,308 | 9,944 |
| 1982 | 11,760 | 12,292 | 9,869 | 9,472 | 9,703 | 10,477 |
| 1983 | 12,640 | 13,107 | 10,995 | 10,526 | 10,764 | 11,724 |
| 1984 | 13,154 | 13,805 | 10,930 | 10,438 | 10,691 | 11,688 |
| 1985 | 13,874 | 14,568 | 11,535 | 10,851 | 11,365 | 12,502 |
| 1986 | 14,674 | 15,306 | 12,557 | 11,830 | 12,254 | 13,647 |
| 1987 | 15,557 | 16,303 | 13,114 | 12,378 | 12,861 | 14,186 |
| 1988 | 16,743 | 17,540 | 14,173 | 13,331 | 14,092 | 15,279 |

Source: U.S. Department of Commerce, Bureau of Economic Analysis, diskettes dated May 1990.

Table 394.-- PER CAPITA PERSONAL INCOME IN CURRENT AND CONSTANT DOLLARS: 1979 AND 1989

| Subject | Value | Subject | Value |
|---------------------------------------|--------|--------------------------------------|-------|
| Per capita personal income: <u>1/</u> | | Percent increase, 1979-89: <u>3/</u> | |
| 1979 | 9,506 | Current dollars | 94.3 |
| 1989 | 18,472 | Constant dollars | 12.2 |
| In 1979 dollars <u>2/</u> | 10,664 | | |
| Percent of U.S. average: | | Rank: <u>4/</u> | |
| 1979 | 105.2 | 1979 | 13 |
| 1989 | 105.0 | 1989 | 14 |

1/ In dollars. U.S. values were \$9,036 in 1979 and \$17,596 in 1989 (\$10,302 in 1979 dollars).

2/ Based on Honolulu CPI-U (74.3 in 1979 and 128.7 in 1989).

3/ U.S. increases were 94.7 percent in current dollars and 14.0 percent in constant dollars).

4/ Among 50 States and D.C.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, diskettes dated August 1990. Constant dollar values calculated by DBED.

Table 395.-- UNREPORTED OR ILLEGAL INCOME: 1981

[In millions of dollars. Data are rough estimates of income from the "underground economy," based in part on estimated national ratios of unreported to reported income. For greater detail, see source or Data Book 1984, table 284]

| Source | Amount |
|--|---------|
| All sources | 1,160.3 |
| Percent of reported personal income | 10.7 |
| Income hidden to avoid taxes | 569.1 |
| Income from illegal transfers | 56.0 |
| Income from production and distribution of illegal goods ... | 445.6 |
| Income from illegal services | 58.0 |
| Other illegal income | 31.6 |

Source: Linda Kephart, "Business booms 'off-the-books,'" Hawaii Business, March 1984, p. 69.

Table 396.-- INCOME PROJECTIONS: 1985 TO 2010

[Constant 1982 dollars. Series M-K projections, developed by DBED]

| Year | Gross State product (billions) | Personal income (billions) | Per capita personal income (dollars) |
|------------|--------------------------------|----------------------------|--------------------------------------|
| 1985 | 15.1 | 13.0 | 12,400 |
| 1990 | 18.3 | 15.5 | 13,600 |
| 1995 | 21.7 | 18.0 | 14,700 |
| 2000 | 24.7 | 20.1 | 15,600 |
| 2005 | 27.5 | 21.9 | 16,200 |
| 2010 | 30.4 | 24.1 | 16,800 |

Source: Hawaii State Department of Business and Economic Development, Population and Economic Projections for the State of Hawaii to 2010 (Series M-K) (November 1988), p. 9 and underlying data.

Table 397.-- PERSONAL INCOME PROJECTIONS, TOTAL AND PER CAPITA, BY COUNTIES: 1990, 2000, AND 2010

[Series M-K projections developed by DBED]

| Subject | Total personal income (millions of 1982 dollars) | | | Per capita personal income (1982 dollars) | | |
|----------------|--|----------|----------|---|--------|--------|
| | 1990 | 2000 | 2010 | 1990 | 2000 | 2010 |
| State total | 15,509.1 | 20,094.0 | 24,122.1 | 13,600 | 15,600 | 16,800 |
| Honolulu | 12,355.6 | 15,408.1 | 17,785.6 | 14,300 | 16,500 | 17,800 |
| Hawaii | 1,327.6 | 1,964.9 | 2,811.8 | 10,700 | 12,300 | 13,600 |
| Kauai | 629.7 | 945.3 | 1,276.9 | 11,600 | 13,900 | 15,100 |
| Maui | 1,196.3 | 1,775.7 | 2,247.7 | 12,400 | 14,300 | 15,500 |

Source: Hawaii State Department of Business and Economic Development, Population and Economic Projections for the State of Hawaii to 2010 (Series M-K) (November 1988), pp. 9-13.

Table 398.-- PER CAPITA PERSONAL INCOME, MEDIAN FAMILY INCOME, AND AVERAGE WAGE AND SALARY EARNINGS, IN CURRENT AND CONSTANT DOLLARS: 1939 TO 1989

[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 |
| 1988 ... | 16,775 | 13,784 | 39,609 | 32,546 | 19,480 | 16,007 | 121.7 |
| 1989 ... | 18,306 | 14,224 | (NA) | (NA) | (NA) | (NA) | 128.7 |

NA Not available.

1/ 1939 and 1949 from Robert C. Schmitt, Historical Statistics of Hawaii (1977), p. 167; 1959-1989 from U.S. Bureau of Economic Analysis, printout dated April 1990 and filed in the Hawaii State Data Center.

2/ U.S. Bureau of the Census, decennial census data for 1949-1979 and Current Population Survey tabulations for 1988, cited in Data Book 1989, table 391, as updated.

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; 1988 in Data Book 1989, table 351.

4/ Honolulu consumer price index for all urban consumers, reported in Data Book 1989, table 402. The 1939 index is estimated from the 1940 Honolulu index and the 1939-1940 percent change in the Mainland index.

Sources cited in footnotes.

Table 399.-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 1988

[In dollars. Based on censuses or surveys made in March or April of following year. Data for 1980-1988 are taken from small samples (averaging 565 households annually) and thus are subject to considerable sampling variation]

| Year | Households | Families | Unrelated individuals with income <u>1/</u> | Persons with income <u>1/</u> | |
|---------------------|------------|----------|---|-------------------------------|--------|
| | | | | 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 |
| 1975 | 15,991 | 17,770 | 6,180 | 9,489 | 4,082 |
| 1979 | 20,473 | 22,750 | 7,097 | 11,505 | 6,581 |
| 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>2/</u> | 33,024 | 39,609 | 14,376 | 18,375 | 8,983 |

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. Data for 1980-85 revised.

2/ Revision in income imputation procedures.

Source: U.S. Bureau of the Census, Census of Population: 1960, General Social and Economic Characteristics, Hawaii, PC(1)-13C (1962), tables 66 and 67 (for 1949 data); 1970 Census of Population, General and Economic Characteristics, Hawaii, PC(1)-C13 (December 1971), table 47 (for 1959 data); 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C-13 (June 1983), table 61 (for 1969 and 1979 data); "Household Money Income in 1975, by Housing Tenure and Residence, for the United States, Regions, Divisions, and States (Spring 1976 Survey of Income and Education)," Current Population Reports, Consumer Income, Series P-60, No. 108 (November 1977), p. 145; "Money Income and Poverty Status in 1975 of Families and Persons in the United States and the West Region, by Divisions and States (Spring 1976 Survey of Income and Education)," 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.

Table 400.-- INCOME OF HOUSEHOLDS AND FAMILIES: ANNUAL AVERAGES,
1983 TO 1985 AND 1986 TO 1988

[Data refer to income before taxes, as reported in March survey in following year. Based on a pooled sample of 1,630 households for 1983-1985 and 1,540 households for 1986-1988]

| Income | Households | | Families | |
|----------------------------|------------|-----------|-----------|-----------|
| | 1983-1985 | 1986-1988 | 1983-1985 | 1986-1988 |
| Total | 329,037 | 361,986 | 251,104 | 273,083 |
| Under \$5,000 | 18,491 | 16,493 | 7,814 | 5,738 |
| \$5,000 to \$7,499 | 14,111 | 15,955 | 6,956 | 8,383 |
| \$7,500 to \$9,999 | 16,725 | 11,214 | 9,835 | 5,226 |
| \$10,000 to \$14,999 | 33,889 | 28,305 | 23,437 | 16,717 |
| \$15,000 to \$19,999 | 33,753 | 34,126 | 22,420 | 22,763 |
| \$20,000 to \$24,999 | 29,325 | 33,131 | 23,607 | 21,540 |
| \$25,000 to \$34,999 | 56,217 | 55,585 | 47,015 | 44,566 |
| \$35,000 to \$49,999 | 63,739 | 69,688 | 55,717 | 58,328 |
| \$50,000 to \$74,999 | 45,519 | 67,091 | 39,168 | 62,133 |
| \$75,000 and over | 17,268 | 30,398 | 15,135 | 27,689 |
| Median income (dollars) | 28,094 | 32,278 | 31,713 | 37,866 |

Source: U.S. Bureau of the Census for U.S. Bureau of Labor Statistics, Current Population Survey (March), annual, 1984 to 1989; machine-readable data file, special tabulation by Hawaii State Data Center.

Table 401.-- MEDIAN FAMILY INCOME AND RANK: 1979 AND 1990

[Data refer to calendar year 1979 and fiscal year 1990]

| Year | The State | | | Oahu (dollars) | Neighbor Islands (dollars) |
|------------|---------------------|--------------------|----------------|-------------------|----------------------------------|
| | Amount (dollars) | Percent of U.S. | Rank <u>1/</u> | | |
| 1979 | 22,751 | 114.2 | 5 | 23,553 | 20,607 |
| 1990 | 39,800 | 114.8 | 8 | 41,200 | 34,500 |

1/ Among 50 States.

Source: U.S. Department of Housing and Urban Development, "Estimated Median Family Incomes for Fiscal Year 1990," memorandum dated February 1, 1990.

Table 402.-- ESTIMATED DECILE DISTRIBUTIONS OF FAMILY INCOMES,
BY COUNTIES: 1979 AND 1990

[Data refer to calendar year 1979 and fiscal year 1990]

| County | 1st decile | | 5th decile (median) | | 9th decile | |
|----------------|------------|--------|---------------------|--------|------------|--------|
| | 1979 | 1990 | 1979 | 1990 | 1979 | 1990 |
| Honolulu | 7,569 | 13,240 | 23,553 | 41,200 | 49,866 | 87,227 |
| Hawaii | 5,975 | 9,994 | 19,131 | 32,000 | 42,778 | 71,553 |
| Kauai | 7,089 | 11,848 | 20,881 | 34,900 | 42,150 | 70,448 |
| Maui | 7,216 | 12,049 | 22,578 | 37,700 | 48,653 | 81,239 |

Source: U.S. Department of Housing and Urban Development, Office of Economic Affairs, Economic and Market Analysis Division, estimates dated January 2, 1990.

Table 403.-- INCOME AND POVERTY STATUS IN PREVIOUS YEAR: 1970 AND 1980

| Subject | 1970 | 1980 |
|---|----------|----------|
| INCOME IN PREVIOUS YEAR | | |
| Households | 204,415 | 294,934 |
| Median income (current dollars) | \$10,675 | \$20,473 |
| Median income (1979 dollars) | \$21,137 | \$20,473 |
| Families | 170,729 | 227,974 |
| Median income (current dollars) | \$11,664 | \$22,750 |
| Median income (1979 dollars) | \$23,095 | \$22,750 |
| Unrelated individuals 15 years and over ... | 83,093 | 136,692 |
| Median income (current dollars) | \$2,981 | \$7,097 |
| Median income (1979 dollars) | \$5,902 | \$7,097 |
| Male, 15 years and over <u>1/</u> | 289,165 | 378,942 |
| Without income | 29,578 | 29,106 |
| With income | 259,587 | 349,836 |
| Median income (current dollars) | \$6,528 | \$11,505 |
| Median income (1979 dollars) | \$12,925 | \$11,505 |
| Female, 15 years and over <u>1/</u> | 264,590 | 360,707 |
| Without income | 94,729 | 78,1157 |
| With income | 169,861 | 282,592 |
| Median income (current dollars) | \$3,222 | \$6,581 |
| Median income (1979 dollars) | \$6,380 | \$6,681 |
| INCOME IN PREVIOUS YEAR BELOW POVERTY LEVEL <u>2/</u> | | |
| Persons | 68,364 | 91,618 |
| 65 years and over | 8,457 | 7,654 |
| In families | 51,530 | 66,843 |
| Householder | 13,063 | 17,700 |
| Female householder, no husband present | 5,180 | 7,985 |
| Related child under 18 years | 27,895 | 35,103 |
| Related child under 6 years | 10,129 | 14,725 |
| Other relatives | 10,572 | 14,040 |
| Unrelated individuals | 16,834 | 24,775 |
| 65 years and over | 4,561 | 4,9277 |

1/ 14 years and over in 1970.

2/ Percent columns show percent below poverty level for specified groups. Data are based on U.S. poverty thresholds. Thresholds in Hawaii are about 15 percent higher; these statistics accordingly understate the number of persons in Hawaii below the poverty level.

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-13C (July 1983), table 61.

Table 404.-- POVERTY STATUS IN 1979 OF FAMILIES AND PERSONS: 1980

[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 1979 of families and persons surveyed in April 1980]

| Subject | Number |
|---|---------|
| ALL INCOME LEVELS IN 1979 | |
| Families | 227,974 |
| Unrelated individuals | 107,787 |
| Persons | 927,032 |
| INCOME IN 1979 BELOW POVERTY LEVEL | |
| Families | 17,700 |
| Percent below poverty level | 7.8 |
| Unrelated individuals | 24,775 |
| Percent below poverty level | 23.0 |
| Persons | 91,618 |
| Percent below poverty level | 9.9 |
| INCOME IN 1979 BELOW 125 PERCENT OF POVERTY LEVEL | |
| Families | 26,815 |
| Percent below poverty level | 11.8 |
| Unrelated individuals | 30,725 |
| Percent below poverty level | 28.5 |
| Persons | 133,214 |
| Percent below poverty level | 14.4 |
| INCOME IN 1979 BELOW SPECIFIED POVERTY LEVEL | |
| Percent of persons: | |
| Below 75 percent of poverty level | 6.1 |
| Below 150 percent of poverty level | 19.0 |
| Below 200 percent of poverty level | 29.0 |

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 72.

Table 405.-- POVERTY STATUS OF FAMILIES AND UNRELATED INDIVIDUALS:
1969 TO 1988

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

| Year | Families | | | Unrelated individuals ^{2/} | | |
|---------|----------|-----------------------------------|---------|-------------------------------------|-----------------------------------|---------|
| | Total | Below poverty level ^{1/} | | Total | Below poverty level ^{1/} | |
| | | Number | Percent | | Number | Percent |
| 1969 .. | 170,729 | 13,046 | 7.6 | 55,588 | 16,833 | 30.3 |
| 1975 .. | 201,000 | 13,000 | 6.4 | 66,000 | 14,000 | 21.6 |
| 1979 .. | 227,974 | 17,700 | 7.8 | 107,787 | 24,775 | 23.0 |
| 1985 .. | 253,907 | 18,776 | 7.4 | 117,639 | 27,243 | 23.2 |
| 1986 .. | 264,683 | 23,419 | 8.8 | 122,419 | 31,828 | 26.0 |
| 1987 .. | 281,599 | 20,468 | 7.3 | 107,656 | 19,513 | 18.1 |
| 1988 .. | 272,948 | 22,805 | 8.4 | 124,501 | 27,241 | 21.9 |

^{1/} 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 families and unrelated individuals below poverty level in Hawaii.

^{2/} 14 years old and over through 1975, and 15 years old and over thereafter. Data for 1975 and 1985 to 1988 exclude persons in military group quarters.

Source: U.S. Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Hawaii, PC(1)-C13 (December 1971), table 58; "Money Income and Poverty Status in 1975 of Families and Persons in the United States and West Region, by Divisions and States (Spring 1976 Survey of Income and Education)," Current Population Reports, Consumer Income, Series P-60, No. 113 (July 1978), pp. 179-180; 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 72; Current Population Survey (March), 1986 to 1989, machine-readable file, special tabulation by Hawaii State Data Center.

Table 406.-- POVERTY INCOME GUIDELINES: 1980, 1989 AND 1990

[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. In earlier years, these guidelines were issued by the Community Services Administration]

| Size of family unit | Effective April 21, 1980 <u>1/</u> | Effective Feb. 16, 1989 <u>2/</u> | Effective Feb. 16, 1990 <u>2/</u> |
|---------------------|---------------------------------------|--------------------------------------|--------------------------------------|
| 1 | 4,370 | 6,870 | 7,230 |
| 2 | 5,770 | 9,220 | 9,690 |
| 3 | 7,170 | 11,570 | 12,150 |
| 4 | 8,570 | 13,920 | <u>3/</u> 14,610 |
| 5 | 9,970 | 16,270 | 17,070 |
| 6 | 11,370 | 18,620 | 19,530 |
| 7 | 12,770 | 20,970 | 21,990 |
| 8 | 14,170 | 23,320 | <u>4/</u> 24,450 |

1/ Nonfarm families only; guidelines for farm families were lower.

2/ All families.

3/ Corresponding levels for four-person families elsewhere in the United States were \$12,700 on the Mainland and \$15,880 in Alaska.

4/ For larger families, add \$2,460 for each additional member.

Source: Community Services Administration, "General Characteristics of Community Action Programs; Income Poverty Guidelines (Revised)," Federal Register, Vol. 45, No. 78 (April 21, 1980), pp. 26712-26713; U.S. Department of Health and Human Services, "Annual Update of the Poverty Income Guidelines," Federal Register, Vol. 54, No. 31 (February 16, 1989), pp. 7097-7098, and "Annual Update of the Poverty Income Guidelines," Federal Register, Vol. 55, No. 33 (February 16, 1990), pp. 5664-5666.

Table 407.-- ANNUAL INCOME AND EXPENDITURES OF URBAN CONSUMER UNITS,
FOR OAHU: 1980-81 TO 1986-87

[Data based on 792 sample interviews in 1980-81, 928 in 1982-83, 1,043 in 1984-85, and 1,214 in 1986-87. The 1986-87 tabulations are not strictly comparable to earlier data. For detailed breakdowns, see source]

| Item | Annual averages (dollars) | | | |
|---|---------------------------|---------|---------|---------|
| | 1980-81 | 1982-83 | 1984-85 | 1986-87 |
| Total expenditures | 18,584 | 22,247 | 24,818 | 28,239 |
| Food at home | 2,681 | 2,838 | 2,994 | 2,600 |
| Food away from home | 887 | 1,265 | 1,350 | 2,195 |
| Alcoholic beverages | 302 | 460 | 413 | 351 |
| Housing | 5,454 | 6,122 | 6,934 | 8,610 |
| Shelter | 3,523 | 3,948 | 4,735 | 5,800 |
| Utilities, fuels, and public services | 937 | 1,142 | 1,144 | 1,099 |
| Household operations | 369 | 280 | 311 | 324 |
| Housekeeping supplies | ... | ... | ... | 390 |
| Housefurnishings and equipment | 626 | 751 | 745 | 996 |
| Apparel and services | 773 | 1,080 | 1,158 | 1,688 |
| Transportation | 3,729 | 4,051 | 4,681 | 4,244 |
| Health care | 731 | 770 | 987 | 1,026 |
| Entertainment | 804 | 1,101 | 1,170 | 1,466 |
| Personal care | 153 | 232 | 243 | 413 |
| Reading | 119 | 159 | 176 | 169 |
| Education | 265 | 380 | 454 | 665 |
| Tobacco and smoking supplies | 143 | 177 | 214 | 208 |
| Miscellaneous | 258 | 482 | 480 | 603 |
| Cash contributions | 504 | 923 | 1,191 | 785 |
| Personal insurance and pensions | 1,779 | 2,204 | 2,391 | 3,217 |
| Money income before taxes | 22,926 | 27,937 | 30,751 | 32,575 |
| Personal taxes | 2,915 | 3,595 | 2,965 | 2,907 |
| Other money receipts | 123 | 227 | 579 | (NA) |
| Mortgage principal paid on owned property | 440 | 635 | 490 | (NA) |
| Gifts of goods and services | 498 | 690 | 700 | (NA) |

NA Not available.

Source: U.S. Bureau of Labor Statistics, Consumer Expenditure Survey: Interview, 1984, Bulletin 2267 (August 1986), pp. 67-70 and 83-86; 1984-85 printouts; and Consumer Expenditures, 1986-87--Honolulu Area (BLS Release 89-73, November 13, 1989).

Table 408.-- 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 409.-- 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 ^{1/} | 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 |

^{1/} 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 410.-- WORTH OF RICHEST RESIDENTS: 1990

| Name | Age (years) | Net worth (million dollars) |
|-------------------------------------|----------------|-----------------------------------|
| Barbara Cox Anthony | 67 | 2,600 |
| Harry Weinberg | 82 | 950 |
| Doris Duke 1/ | 77 | 750 |
| Campbell family | ... | 700 |
| Kelley family | ... | 500 |
| Richard Palmer Kaleioku Smart | 77 | 325 |

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

Source: "The 400 Richest People in America," Forbes, October 22, 1990, pp. 116-327.