

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 1985 was about \$17 billion. The major sources of outside income to Hawaii in 1986 were defense expenditures (\$1.8 billion), pineapple production (\$242 million), sugar production (\$362 million), and visitor expenditures (\$5.55 billion). Personal income in 1986 was \$15.8 billion, compared with \$6.7 billion only ten years earlier, and per capita personal income was \$14,900, almost twice the 1976 level. The per capita figure for Hawaii was slightly above the national average, but not high enough to compensate for the Islands' much higher cost of living. The median annual income of families, based on data for 1986, was \$34,700; for unrelated individuals, the median was \$14,900. The official poverty threshold for a 4-person family in Hawaii was set in February 1987 at \$12,880. The most recent family expenditure survey, taken in 1982 and 1983, reported that the largest items in the family budget on Oahu were housing (accounting for 27.5 percent of total spending), food (18.4 percent) and transportation (18.2 percent). Top wealthholders in 1982 included 14,000 persons with assets of \$300,000 or more and 800 millionaires.

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 and Economic Development, 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: 1987, Section 14.

Table 403.-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES: 1960 TO 1986

[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 | | |
| 1960 ... | 720 | 118.4 | 119.4 | 351.4 | 131 |
| 1961 ... | 771 | 136.5 | 117.5 | 379.9 | 137 |
| 1962 ... | 766 | 149.3 | 115.0 | 348.0 | 154 |
| 1963 ... | 839 | 181.7 | 123.7 | 347.5 | 186 |
| 1964 ... | 879 | 154.6 | 126.9 | 392.6 | 205 |
| 1965 ... | 948 | 165.7 | 126.7 | 430.2 | 225 |
| 1966 ... | 1,076 | 179.6 | 127.7 | 488.4 | 280 |
| 1967 ... | 1,255 | 180.3 | 133.3 | 561.4 | 380 |
| 1968 ... | 1,331 | 189.1 | 127.5 | 574.6 | 440 |
| 1969 ... | 1,480 | 179.0 | 125.4 | 625.9 | 550 |
| 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 ... | 7,429 | 340.8 | 222.5 | 1,965.4 | 4,900 |
| 1986 ... | 7,939 | 361.9 | 242.0 | 1,784.9 | 5,550 |

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.

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 DPED by armed forces; Hawaii Visitors Bureau, 1986 Annual Research Report, table 1.

Table 404.-- GROSS STATE PRODUCT AND PER CAPITA GROSS STATE
PRODUCT: 1958 TO 1986

[For projections to 1991, see table 411]

| Year | Gross state product (thousands of dollars) | | Per capita gross state product (dollars) | |
|----------------------|---|--------------|---|--------------|
| | Current dollars | 1982 dollars | Current dollars | 1982 dollars |
| 1958 | 1,414,964 | 4,115,775 | 2,337 | 6,799 |
| 1959 | 1,572,503 | 4,607,658 | 2,528 | 7,407 |
| 1960 | 1,805,090 | 5,224,929 | 2,814 | 8,145 |
| 1961 | 1,886,511 | 5,229,222 | 2,864 | 7,939 |
| 1962 | 1,965,769 | 5,459,636 | 2,876 | 7,988 |
| 1963 | 2,101,812 | 5,593,061 | 3,081 | 8,198 |
| 1964 | 2,301,335 | 6,145,383 | 3,288 | 8,781 |
| 1965 | 2,350,438 | 6,677,279 | 3,340 | 9,487 |
| 1966 | 2,771,409 | 7,055,855 | 3,902 | 9,933 |
| 1967 | 2,990,024 | 7,312,564 | 4,138 | 10,121 |
| 1968 | 3,344,500 | 7,913,222 | 4,554 | 10,774 |
| 1969 | 3,952,266 | 8,884,798 | 5,268 | 11,843 |
| 1970 | 4,414,039 | 9,309,703 | 5,720 | 12,065 |
| 1971 | 4,773,823 | 9,797,100 | 5,955 | 12,221 |
| 1972 | 5,305,387 | 10,455,311 | 6,405 | 12,622 |
| 1973 | 6,009,311 | 10,975,563 | 7,057 | 12,888 |
| 1974 | 6,901,698 | 10,953,462 | 7,951 | 12,620 |
| 1975 | 7,411,268 | 11,601,888 | 8,363 | 13,092 |
| 1976 | 7,933,371 | 11,747,134 | 8,774 | 12,992 |
| 1977 | 8,597,376 | 12,105,930 | 9,363 | 13,184 |
| 1978 | 9,627,637 | 12,491,630 | 10,335 | 13,409 |
| 1979 | 10,906,430 | 12,985,191 | 11,441 | 13,621 |
| 1980 | 12,225,729 | 13,700,639 | 12,619 | 14,141 |
| 1981 | 13,078,262 | 14,028,215 | 13,343 | 14,312 |
| 1982 | 13,691,047 | 13,691,047 | 13,725 | 13,725 |
| 1983 | 14,811,784 | 14,207,807 | 14,541 | 13,948 |
| 1984 | 15,826,526 | 14,635,599 | 15,276 | 14,127 |
| 1985 | 16,813,829 | 15,047,567 | 15,991 | 14,311 |
| 1986 <u>1/</u> | 18,054,800 | 15,754,600 | 16,996 | 14,831 |

1/ Preliminary.

Source: Hawaii State Department of Business and Economic Development, Hawaii's Income and Product Accounts: 1958 to 1985 (forthcoming), and unpublished preliminary 1986 estimates.

Table 405.-- EXPENDITURES ON GROSS STATE PRODUCT: 1983 TO 1985

[In millions of current dollars]

| Item | 1983 | 1984 | 1985 |
|--|----------|----------|----------|
| Gross state product | 14,811.8 | 15,826.5 | 16,813.8 |
| Personal consumption expenditures 1/ | 9,356.5 | 10,052.7 | 10,606.6 |
| Food, alcoholic beverages and tobacco | 3,156.5 | 3,353.4 | 3,630.5 |
| Clothing, accessories and jewelry | 966.9 | 1,003.2 | 1,123.9 |
| Personal care | 132.9 | 143.5 | 152.1 |
| Housing | 2,901.3 | 3,209.2 | 3,403.1 |
| Household operation | 1,172.0 | 1,371.5 | 1,366.8 |
| Medical care | 1,028.3 | 1,114.1 | 1,192.9 |
| Personal business | 755.0 | 826.1 | 965.4 |
| Transportation | 1,523.6 | 1,744.7 | 1,731.6 |
| Recreation | 1,212.5 | 1,346.2 | 1,371.5 |
| Private education and research | 110.9 | 116.4 | 125.4 |
| Religious and welfare activities | 113.2 | 136.9 | 145.6 |
| Foreign travel and other, net | -3,716.7 | -4,312.7 | -4,602.0 |
| Gross private domestic investment | 3,988.0 | 4,600.0 | 4,904.0 |
| Fixed investment | 1,633.8 | 1,424.4 | 1,608.5 |
| Change in business inventories | -43.8 | - | 61.3 |
| Government purchases of goods and services (f) | 5,158.2 | 5,324.7 | 5,620.5 |
| State and local | 2,456.5 | 2,523.5 | 2,538.6 |
| Compensation of employees | 1,291.9 | 1,352.7 | 1,402.0 |
| Other current expenditures | 778.4 | 786.8 | 791.5 |
| Equipment | 49.2 | 53.1 | 56.4 |
| Construction | 336.9 | 330.9 | 288.6 |
| Federal | 2,701.7 | 2,801.2 | 3,082.0 |
| Defense | 2,556.5 | 2,653.0 | 2,810.1 |
| Non-defense | 145.2 | 148.2 | 271.9 |
| Net exports | -1,725.7 | -978.7 | -1,262.8 |
| Exports | 7,347.5 | 8,142.0 | 8,449.0 |
| Commodities | 1,440.7 | 1,419.8 | 1,336.3 |
| Services | 1,918.8 | 2,122.1 | 2,208.7 |
| Visitor and crew expenditures | 3,988.0 | 4,600.0 | 4,904.0 |
| Less: Imports | 9,073.2 | 9,120.7 | 9,711.8 |
| Commodities | 6,461.9 | 6,568.0 | 6,981.2 |
| Services | 2,340.0 | 2,265.3 | 2,428.6 |
| Out-of-state expenditures of Hawaii residents .. | 271.3 | 287.3 | 302.0 |
| Discrepancy and omissions | 432.9 | 3.4 | 179.7 |

Footnotes and source follow table 410.

Table 406.-- EXPENDITURES ON GROSS STATE PRODUCT (1982 DOLLARS): 1983 TO 1985

[In millions of 1982 dollars]

| Item | 1983 | 1984 | 1985 |
|---|----------|----------|----------|
| Gross state product | 14,210.1 | 14,637.3 | 15,046.4 |
| Personal consumption expenditures 1/ | 8,996.8 | 9,319.5 | 9,506.5 |
| Food, alcoholic beverages and tobacco | 3,046.1 | 3,109.1 | 3,268.7 |
| Clothing, accessories and jewelry | 949.8 | 980.8 | 1,027.9 |
| Personal care | 126.0 | 131.2 | 134.1 |
| Housing | 2,752.2 | 2,840.8 | 2,742.0 |
| Household operation | 1,148.9 | 1,310.7 | 1,292.7 |
| Medical care | 956.1 | 966.1 | 966.9 |
| Personal business | 679.1 | 706.6 | 790.4 |
| Transportation | 1,496.2 | 1,706.2 | 1,687.7 |
| Recreation | 1,184.6 | 1,291.3 | 1,291.3 |
| Private education and research | 106.2 | 106.7 | 110.6 |
| Religious and welfare activities | 109.7 | 127.9 | 133.3 |
| Foreign travel and other, net | -3,558.3 | -3,958.0 | 3,939.1 |
| Gross private domestic investment | 1,588.3 | 1,410.9 | 1,628.6 |
| Fixed investment | 1,631.2 | 1,410.9 | 1,572.9 |
| Change in business inventories | -42.9 | - | 55.8 |
| Government purchases of goods and services (f) .. | 5,057.7 | 5,015.4 | 5,115.9 |
| State and local | 2,411.8 | 2,380.9 | 2,312.7 |
| Compensation of employees | 1,264.1 | 1,271.4 | 1,275.7 |
| Other current expenditures | 761.7 | 739.5 | 720.2 |
| Equipment | 49.4 | 53.8 | 57.5 |
| Construction | 336.6 | 316.3 | 259.3 |
| Federal | 2,645.9 | 2,634.4 | 2,803.2 |
| Defense | 2,503.7 | 2,495.0 | 2,555.9 |
| Non-defense | 142.2 | 139.4 | 247.3 |
| Net exports | -1,856.3 | -1,111.7 | -1,368.1 |
| Exports | 7,183.9 | 7,814.1 | 7,903.7 |
| Commodities | 1,392.7 | 1,410.3 | 1,378.4 |
| Services | 1,970.0 | 2,178.8 | 2,315.2 |
| Visitor and crew expenditures | 3,821.2 | 4,225.0 | 4,210.2 |
| Less: Imports | 9,040.1 | 8,925.8 | 9,271.9 |
| Commodities | 6,575.9 | 6,559.3 | 6,790.9 |
| Services | 2,201.3 | 2,099.5 | 2,209.9 |
| Out-of-state expenditures of Hawaii residents | 262.9 | 267.0 | 271.1 |
| Discrepancy and omissions | 423.5 | 3.2 | 163.5 |

Footnotes and source follow table 410.

Table 407.-- CHARGES AGAINST GROSS STATE PRODUCT: 1983 TO 1985

[In millions of current dollars]

| Item | 1983 | 1984 | 1985 |
|--|----------|----------|----------|
| Compensation of employees | 9,768.6 | 10,365.1 | 11,094.2 |
| Wage and salary disbursements | 8,142.0 | 8,620.3 | 9,208.9 |
| Supplements to wages and salaries | 1,626.6 | 1,744.8 | 1,885.3 |
| Employer contributions for social insurance . | 925.8 | 987.6 | 1,068.5 |
| State and local government programs | 158.4 | 172.9 | 188.9 |
| Federal government programs | 767.4 | 814.6 | 879.6 |
| Other labor income | 700.7 | 757.2 | 816.9 |
| Proprietors' income | 910.3 | 947.6 | 1,003.1 |
| Rental income of persons | 104.8 | 84.8 | 84.6 |
| Corporate profits before tax | 583.7 | 702.4 | 661.0 |
| Profits tax | 85.1 | 178.4 | 189.0 |
| State and local tax | 29.5 | 42.8 | 48.7 |
| Federal tax | 55.6 | 135.5 | 140.3 |
| Profits after tax | 498.6 | 524.0 | 472.0 |
| Dividends | 272.3 | 298.4 | 303.5 |
| Undistributed profits | 226.3 | 225.6 | 168.5 |
| Net interest | 1,207.1 | 1,363.2 | 1,471.3 |
| Personal interest income | -118.9 | -130.8 | -148.5 |
| Less: Government interest, net | -128.9 | -143.1 | -162.2 |
| State and local (incl. state retirement fund) | | | |
| Federal | 10.0 | 12.3 | 13.7 |
| Less: Interest paid by consumers to business . | 372.3 | 447.0 | 450.4 |
| Net state income | 12,574.4 | 13,463.1 | 14,314.2 |
| Business transfer payments | 72.0 | 80.9 | 92.1 |
| Indirect business tax and non-tax, state | | | |
| and local | 1,148.9 | 1,219.4 | 1,279.6 |
| Less: Subsidies less current surplus of state | | | |
| and local government enterprises | -16.8 | -16.0 | -12.7 |
| Indirect business tax and non-tax, Federal | 69.0 | 79.8 | 75.3 |
| Less: Subsidies less current surplus of Federal | | | |
| government enterprises | -65.9 | -62.3 | -86.7 |
| Net state product | 13,947.1 | 14,921.5 | 15,860.6 |
| Capital consumption allowances | 864.7 | 905.0 | 953.2 |
| Gross state product | 14,811.8 | 15,826.5 | 16,813.8 |

Footnotes and source follow table 410.

Table 408.-- TOTAL PERSONAL CONSUMPTION EXPENDITURES: 1983 TO 1985

[In millions of current dollars]

| Item | 1983 | 1984 | 1985 |
|---|----------|----------|----------|
| Personal consumption expenditures <u>1/</u> | 9,356.5 | 10,052.7 | 10,606.6 |
| Food, alcoholic beverages and tobacco | 3,156.5 | 3,353.4 | 3,630.5 |
| Food and alcohol, at home | 1,452.0 | 1,523.8 | 1,638.2 |
| Food and alcohol, away from home | 1,600.1 | 1,725.3 | 1,890.3 |
| Tobacco | 104.4 | 104.3 | 101.9 |
| Clothing, accessories and jewelry | 966.9 | 1,003.2 | 1,123.9 |
| Clothing and accessories | 570.0 | 594.0 | 675.1 |
| Footwear and upkeep | 135.7 | 141.6 | 158.0 |
| Jewelry | 261.2 | 267.6 | 290.8 |
| Personal care | 132.9 | 143.5 | 152.1 |
| Housing | 2,901.3 | 3,209.2 | 3,403.1 |
| Owner-occupied | 766.9 | 820.0 | 874.4 |
| Tenant-occupied | 793.3 | 844.3 | 890.5 |
| Rental value of farm dwellings | 19.0 | 20.2 | 21.1 |
| Hotels and other group quarters | 1,322.1 | 1,524.7 | 1,617.2 |
| Household operation | 1,172.0 | 1,371.5 | 1,366.8 |
| Furnishings | 650.7 | 760.6 | 757.8 |
| Utilities, telephone, and other services | 521.4 | 611.0 | 609.0 |
| Medical care | 1,028.3 | 1,114.1 | 1,192.9 |
| Drugs and orthopedic appliances | 225.8 | 246.6 | 261.4 |
| Hospitals and other professional services ... | 688.9 | 754.7 | 818.7 |
| Health insurance | 113.6 | 112.8 | 112.8 |
| Personal business | 755.0 | 826.1 | 965.4 |
| Transportation | 1,523.6 | 1,744.7 | 1,731.6 |
| Private (user-operated) | 1,204.7 | 1,414.5 | 1,389.5 |
| Public | 318.8 | 330.2 | 342.1 |
| Recreation | 1,212.5 | 1,346.2 | 1,371.5 |
| Books, radios, TV and other durables | 448.8 | 503.7 | 472.4 |
| Sport supplies, flowers & other non-durables | 180.7 | 190.6 | 201.5 |
| Movies, spectator sports and other services . | 583.0 | 651.9 | 697.6 |
| Private education and research | 110.9 | 116.4 | 125.4 |
| Religious and welfare activities | 113.2 | 136.9 | 145.6 |
| Foreign travel and other, net | -3,716.7 | -4,312.7 | -4,602.0 |
| Out-of-State expenditures of residents | 271.3 | 287.3 | 302.0 |
| Less: Visitor expenditures | 3,988.0 | 4,600.0 | 4,904.0 |
| Addenda: | | | |
| Total durables | 1,955.2 | 2,263.8 | 2,189.6 |
| Total nondurables | 4,731.4 | 5,028.6 | 5,451.4 |
| Total services | 2,669.9 | 2,760.3 | 2,965.6 |

Footnotes and source follow table 410.

Table 409.-- HAWAII'S EXPORTS AND IMPORTS OF GOODS AND SERVICES:
1983 TO 1985

[In millions of dollars]

| Classification | 1983 | 1984 | 1985 |
|---|---------|---------|----------|
| Hawaii's exports of goods and services | 7,347.5 | 8,142.0 | 8,449.0 |
| Merchandise exports | 1,440.7 | 1,419.8 | 1,336.3 |
| Primary | 592.3 | 571.2 | 480.4 |
| Sugar and molasses | 385.9 | 351.5 | 302.3 |
| Pineapple | 206.4 | 219.7 | 178.2 |
| Secondary | 139.9 | 142.2 | 149.0 |
| Garments | 29.5 | 30.5 | 33.6 |
| Canned tuna | 28.9 | 25.0 | 21.1 |
| Flowers | 22.0 | 21.6 | 24.3 |
| Papaya | 10.9 | 9.0 | 6.1 |
| Macadamia nuts and coffee | 24.3 | 30.1 | 36.0 |
| All other | 24.3 | 26.0 | 27.9 |
| Miscellaneous | 708.5 | 706.4 | 706.9 |
| Other processed foods and feeds | 23.2 | 23.0 | 23.0 |
| Fuels and petroleum products | 161.7 | 158.3 | 155.1 |
| All other | 523.6 | 525.3 | 528.8 |
| Services and income from investments | 1,918.8 | 2,122.1 | 2,208.7 |
| Visitors and crew expenditures | 3,988.0 | 4,600.0 | 4,904.0 |
| Hawaii's imports of goods and services | 9,073.2 | 9,120.7 | 9,711.8 |
| Merchandise imports | 6,461.9 | 6,568.0 | 6,981.2 |
| Domestic waterborne | 4,856.6 | 5,047.9 | 5,290.2 |
| Farm products | 56.1 | 52.6 | 55.1p |
| Processed foods and feed | 523.9 | 587.5 | 615.7p |
| Fuels and petroleum products | 1,436.2 | 1,550.0 | 1,624.4p |
| Metallic ores and metal | 195.6 | 197.5 | 207.0p |
| Pulp, paper and paper products | 190.7 | 221.9 | 232.6p |
| Non-metal products and mineral | 158.1 | 149.0 | 156.1p |
| Lumber, forest and wood | 74.2 | 94.3 | 98.8p |
| Chemicals and products | 163.1 | 181.9 | 190.7p |
| Machinery | 129.0 | 144.7 | 151.6p |
| Transportation equipment | 346.5 | 393.6 | 412.5p |
| Manufactured goods | 405.9 | 385.8 | 404.4p |
| Misc. and containerized cargo | 1,177.4 | 1,089.3 | 1,141.5p |
| Domestic airborne | 239.7 | 261.5 | 274.0 |
| Foreign, total | 1,365.5 | 1,258.6 | 1,417.0 |
| Fuels and petroleum products | 778.2 | 519.5 | 581.7 |
| Transportation equipment | 171.4 | 217.3 | 253.9 |
| Manufactured goods | 142.1 | 167.1 | 173.3 |
| All other | 273.8 | 354.7 | 408.1 |
| Services and income from investments | 2,340.0 | 2,265.3 | 2,428.6 |
| Out-of-State expenditures by Hawaii residents | 271.3 | 287.3 | 302.0 |

Footnotes and source follow table 410.

Table 410.-- SUMMARY OF GOVERNMENT ACCOUNTS, STATE AND LOCAL,
AND FEDERAL: 1983 TO 1985

[In millions of current dollars]

| Item | 1983 | 1984 | 1985f |
|---|---------|---------|---------|
| Total revenues, State and local (HIE) | 2,659.9 | 2,842.4 | 2,957.7 |
| State and local tax and non-tax | 2,169.1 | 2,344.4 | 2,466.9 |
| Personal tax and non-tax | 747.1 | 821.0 | 856.4 |
| Corporate profits tax | 29.5 | 42.8 | 48.7 |
| Indirect business tax and non-tax | 1,148.9 | 1,219.4 | 1,279.6 |
| Contributions to social insurance programs ... | 243.6 | 261.1 | 282.3 |
| Employers' | 158.4 | 172.9 | 188.9 |
| Personal | 85.3 | 88.2 | 93.4 |
| Federal grants-in-aid | 490.7 | 498.0 | 490.8 |
| Total expenditures, State and local (HIE) . | 2,581.0 | 2,645.7 | 2,657.6 |
| Purchases of goods and services | 2,456.5 | 2,523.5 | 2,538.6 |
| Compensation of employees | 1,291.9 | 1,352.7 | 1,402.0 |
| Purchases from business | 1,164.6 | 1,170.8 | 1,136.5 |
| Transfer payments to persons | 270.3 | 281.2 | 294.0 |
| Net interest paid | -128.9 | -143.1 | -162.2 |
| Interest paid (by government) | 185.9 | 203.8 | 210.3 |
| Less: Interest received (by government) | 314.8 | 346.9 | 372.5 |
| Subsidies less current surplus of gov. ent. <u>2/</u> . | -16.8 | -16.0 | -12.7 |
| Surplus or deficit (-), State & local (HIE) | 78.8 | 196.7 | 300.1 |
| Total revenues, Federal | 4,668.2 | 4,837.2 | 5,195.7 |
| Federal tax and non-tax revenues | 1,937.5 | 2,113.4 | 2,240.6 |
| Personal tax and non-tax | 527.8 | 524.0 | 519.8 |
| Corporate profits tax | 55.6 | 135.5 | 140.3 |
| Indirect business tax and non-tax | 69.0 | 79.8 | 75.3 |
| Contributions for social insurance programs .. | 1,285.2 | 1,374.0 | 1,505.2 |
| Employers | 767.4 | 814.6 | 879.6 |
| Personal | 517.7 | 559.4 | 625.6 |
| Transfers from Federal gov. in Washington, D.C. | 2,730.6 | 2,723.9 | 2,955.1 |
| Total expenditures, Federal | 4,668.2 | 4,837.2 | 5,195.7 |
| Purchases of goods and services, (GSP) | 2,701.7 | 2,801.2 | 3,082.0 |
| Transfer payments to persons | 1,531.7 | 1,588.1 | 1,700.9 |
| Grants-in-aid to State and local government | 490.7 | 498.0 | 485.8 |
| Net interest paid (to persons) (p) | 10.0 | 12.3 | 13.7 |
| Subsidies less current surplus of gov. ent. | -65.9 | -62.3 | -86.7 |

f Fiscal year data; p preliminary data.

1/ Refers to purchases in Hawaii.

2/ State and local governments paid no subsidies during this period.

Source: Hawaii State Department of Business and Economic Development,
Hawaii's Income and Product Accounts: 1958 to 1985 (forthcoming).

Table 411.-- INCOME PROJECTIONS: 1980 TO 2005

[Constant 1980 dollars. Series M-F projections]

| Year | Gross State product (millions) | Personal income (millions) | Disposable personal income (millions) | Per capita personal income (dollars) |
|------------------|--------------------------------|----------------------------|---------------------------------------|--------------------------------------|
| 1980 (revised) . | 11,878.3 | 10,309.8 | 8,800.4 | 10,648 |
| 1985 (revised) . | (NA) | 11,310.9 | 9,795.1 | 10,733 |
| 1990 | 14,061.8 | 12,896.3 | 11,026.3 | 11,328 |
| 1995 | 16,192.3 | 14,774.3 | 12,632.0 | 12,195 |
| 2000 | 18,264.4 | 16,611.9 | 14,203.1 | 13,103 |
| 2005 | 20,180.8 | 18,336.8 | 15,678.0 | 13,998 |

NA Not available.

Source: Hawaii State Department of Planning and Economic Development, Population and Economic Projections for the State of Hawaii, 1980-2005 (July 1984), p. 15; U.S. Bureau of Economic Analysis microfiche dated August 1986, adjusted to 1980 constant dollars by DBED.

Table 412.-- PROJECTED PERSONAL INCOME, TOTAL AND PER CAPITA, FOR THE STATE AND OAHU: 1983 TO 2015

| Subject | 1983 | 1990 | 1995 | 2000 | 2005 | 2015 |
|---------------------------------------|-------|-------|-------|-------|-------|--------|
| Total personal income: <u>1/</u> | | | | | | |
| State total | 5,804 | 7,212 | 8,109 | 9,006 | 9,922 | 11,566 |
| Oahu | 4,749 | 5,814 | 6,486 | 7,149 | 7,824 | 9,042 |
| Per capita personal income: <u>2/</u> | | | | | | |
| State total | 5,701 | 6,517 | 7,018 | 7,461 | 7,884 | 8,587 |
| Oahu | 5,944 | 6,829 | 7,349 | 7,802 | 8,228 | 8,954 |

1/ Millions of 1972 dollars.

2/ 1972 dollars.

Source: U.S. Bureau of Economic Analysis, 1985 OBERS BEA Regional Projections (1985), Vol. 1, pp. 26-27, and Vol. 2, p. 146.

Table 413.-- TOTAL AND PER CAPITA PERSONAL INCOME AND
DISPOSABLE PERSONAL INCOME: 1969 TO 1986

[Revised from Data Book 1986, table 397]

| 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 |
| 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 | 10,616 | 9,064 | 107 | 108 |
| 1981 ... | 11,052 | 9,419 | 11,276 | 9,609 | 103 | 104 |
| 1982 ... | 11,756 | 10,217 | 11,765 | 10,242 | 102 | 105 |
| 1983 ... | 12,843 | 11,068 | 12,608 | 10,866 | 104 | 105 |
| 1984 ... | 13,636 | 11,894 | 13,161 | 11,480 | 100 | 102 |
| 1985 ... | 14,805 | 12,824 | 14,080 | 12,196 | 101 | 103 |
| 1986 ... | 15,814 | 13,696 | 14,886 | 12,893 | 102 | 103 |

Source: U.S. Department of Commerce, Bureau of Economic
Analysis, printouts dated August 1987.

Table 414.-- PER CAPITA PERSONAL INCOME IN CURRENT AND CONSTANT DOLLARS: 1970 AND 1986

| Subject | Value | Subject | Value |
|---------------------------------------|--------|--------------------------------------|-------|
| Per capita personal income: <u>1/</u> | | Percent increase, 1970-86: <u>3/</u> | |
| 1970 | 4,944 | Current dollars | 201.1 |
| 1986 | 14,886 | Constant dollars | 14.2 |
| In 1970 dollars <u>2/</u> | 5,646 | | |
| Percent of U.S. average: | | Rank: <u>4/</u> | |
| 1970 | 122.0 | 1970 | 4 |
| 1986 | 101.7 | 1986 | 17 |
| | | Percent increase | 51 |

1/ In dollars. U.S. values were \$4,051 in 1970 and \$14,641 in 1986 (\$5,185 in 1970 dollars).

2/ Based on Honolulu CPI-W for 1970 (114.2) and CPI-U for 1986 (301.1).

3/ U.S. increases were 261.4 percent in current dollars and 28.0 percent in constant dollars).

4/ Among 50 States and D.C.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, printouts dated August 1987. Constant dollar values calculated by DBED.

Table 415.-- PERSONAL INCOME: QUARTERLY, 1982 TO 1987

[In millions of dollars. Seasonally adjusted at annual rates]

| Quarter | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 |
|--------------|--------|--------|--------|--------|--------|--------|
| First | 11,487 | 12,541 | 13,409 | 14,232 | 15,267 | 16,158 |
| Second | 11,678 | 12,717 | 13,649 | 14,412 | 15,486 | ... |
| Third | 11,914 | 12,812 | 13,800 | 14,627 | 15,774 | ... |
| Fourth | 12,016 | 13,377 | 13,903 | 14,962 | 15,955 | ... |

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, July 1987, pp. 133-134.

Table 416.-- PERSONAL INCOME BY MAJOR SOURCES: 1981 TO 1986

[In millions of dollars. Revised from Data Book 1986, table 400]

| Item | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 |
|--|--------|--------|--------|--------|--------|--------|
| Labor and proprietors income | | | | | | |
| By type: | | | | | | |
| Wage and salary disbursements .. | 7,176 | 7,647 | 8,117 | 8,584 | 9,169 | 9,757 |
| Other labor income | 566 | 641 | 701 | 752 | 773 | 827 |
| Proprietors income | 638 | 670 | 904 | 937 | 1,066 | 1,206 |
| Farm | 82 | 88 | 181 | 116 | 134 | 166 |
| Nonfarm | 556 | 582 | 723 | 822 | 932 | 1,040 |
| By industry: | | | | | | |
| Farm | 220 | 246 | 333 | 268 | 285 | 318 |
| Nonfarm | 8,159 | 8,713 | 9,388 | 10,005 | 10,722 | 11,472 |
| Private | 5,592 | 5,841 | 6,345 | 6,780 | 7,299 | 7,949 |
| Government and govt. enterprises | 2,567 | 2,872 | 3,042 | 3,225 | 3,423 | 3,523 |
| Federal, civilian | 720 | 797 | 860 | 919 | 963 | 950 |
| Federal military | 910 | 1,041 | 1,094 | 1,175 | 1,267 | 1,298 |
| State and local | 938 | 1,034 | 1,088 | 1,131 | 1,193 | 1,276 |
| Derivation of personal income | | | | | | |
| Labor and proprietors income | 8,380 | 8,959 | 9,721 | 10,273 | 11,008 | 11,790 |
| Less: Personal contributions for social insurance | 506 | 561 | 586 | 628 | 678 | 731 |
| Net labor and proprietors income . | 7,874 | 8,398 | 9,134 | 9,645 | 10,330 | 11,059 |
| Plus: Dividends, interest, and rent | 1,638 | 1,648 | 1,837 | 2,049 | 2,179 | 2,343 |
| Plus: Transfer payments | 1,540 | 1,691 | 1,872 | 1,942 | 2,296 | 2,412 |
| Personal income | 11,052 | 11,736 | 12,843 | 13,636 | 14,805 | 15,814 |

Source: U.S. Department of Commerce, Bureau of Economic Analysis, microfiche dated August 1987.

Table 417.-- TOTAL PERSONAL INCOME, BY COUNTIES: 1959 TO 1984

[Millions of dollars]

| Year | State total ^{1/} | City and County of Honolulu | Other counties | | | |
|------------|---------------------------|-----------------------------|----------------|---------|-------|------------------|
| | | | Total | Hawaii | Kauai | Maui and Kalawao |
| 1959 | 1,282.5 | 1,061.4 | 221.1 | 100.3 | 49.5 | 71.3 |
| 1962 | 1,635.0 | 1,369.0 | 266.0 | 122.0 | 59.1 | 84.9 |
| 1965 | 2,050.5 | 1,718.8 | 331.7 | 149.2 | 73.0 | 109.5 |
| 1966 | 2,245.0 | 1,881.4 | 363.6 | 164.5 | 79.9 | 119.2 |
| 1967 | 2,433.6 | 2,044.0 | 389.6 | 172.4 | 86.5 | 130.7 |
| 1968 | 2,725.7 | 2,291.4 | 434.4 | 195.6 | 94.2 | 144.5 |
| 1969 | 3,113.9 | 2,632.6 | 481.3 | 217.0 | 103.6 | 160.7 |
| 1970 | 3,566.0 | 3,011.1 | 554.9 | 258.0 | 112.7 | 184.3 |
| 1971 | 3,823.2 | 3,213.7 | 609.5 | 285.3 | 122.4 | 201.8 |
| 1972 | 4,177.8 | 3,521.6 | 656.2 | 309.4 | 128.5 | 218.3 |
| 1973 | 4,650.4 | 3,915.4 | 735.0 | 340.8 | 146.4 | 247.7 |
| 1974 | 5,297.7 | 4,362.7 | 935.0 | 457.8 | 180.4 | 296.8 |
| 1975 | 5,785.4 | 4,799.7 | 985.7 | 463.6 | 185.9 | 336.2 |
| 1976 | 6,222.5 | 5,159.2 | 1,063.3 | 486.5 | 201.4 | 375.4 |
| 1977 | 6,975.0 | 5,786.3 | 1,188.6 | 531.9 | 227.3 | 429.4 |
| 1978 | 7,771.4 | 6,434.6 | 1,336.8 | 579.1 | 257.2 | 500.5 |
| 1979 | 8,684.9 | 7,162.4 | 1,522.4 | 651.7 | 291.7 | 579.0 |
| 1980 | 9,810.5 | 8,028.5 | 1,782.0 | 789.8 | 337.8 | 654.4 |
| 1981 | 10,878.3 | 8,939.9 | 1,938.5 | 846.8 | 369.6 | 722.1 |
| 1982 | 11,592.6 | 9,493.2 | 2,099.4 | 902.6 | 394.5 | 802.3 |
| 1983 | 12,553.4 | 10,274.4 | 2,279.0 | 977.4 | 425.5 | 876.0 |
| 1984 | 13,532.2 | 11,039.2 | 2,493.1 | 1,063.8 | 464.6 | 964.7 |

^{1/} For subsequent revisions in State totals, see table 413.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, printouts dated April 1984, April 1985, and April 1986.

Table 418.-- PER CAPITA PERSONAL INCOME, BY COUNTIES: 1959 TO 1984

[Dollars]

| Year | State total <u>1/</u> | City and County of Honolulu | Other counties | | | |
|----------------------|-----------------------|-----------------------------|----------------|--------|--------|------------------|
| | | | Total | Hawaii | Kauai | Maui and Kalawao |
| 1959 | 2,103 | 2,201 | 1,731 | 1,695 | 1,821 | 1,725 |
| 1962 | 2,504 | 2,618 | 2,045 | 2,044 | 2,105 | 2,007 |
| 1965 | 2,938 | 3,052 | 2,460 | 2,419 | 2,531 | 2,470 |
| 1966 | 3,221 | 3,337 | 2,730 | 2,712 | 2,810 | 2,703 |
| 1967 | 3,437 | 3,558 | 2,917 | 2,853 | 3,022 | 2,936 |
| 1968 | 3,791 | 3,922 | 3,224 | 3,201 | 3,232 | 3,253 |
| 1969 | 4,191 | 4,363 | 3,449 | 3,440 | 3,448 | 3,462 |
| 1970 | 4,674 | 4,827 | 3,988 | 4,059 | 3,803 | 4,007 |
| 1971 <u>2/</u> | 4,769 | 4,909 | 4,146 | 4,258 | 3,961 | 4,110 |
| 1972 | 5,107 | 5,297 | 4,281 | 4,425 | 4,034 | 4,240 |
| 1973 | 5,524 | 5,726 | 4,650 | 4,678 | 4,501 | 4,702 |
| 1974 | 6,174 | 6,250 | 5,841 | 6,196 | 5,545 | 5,531 |
| 1975 | 6,612 | 6,781 | 5,896 | 6,005 | 5,581 | 5,933 |
| 1976 | 6,973 | 7,196 | 6,061 | 6,045 | 5,791 | 6,239 |
| 1977 | 7,617 | 7,873 | 6,575 | 6,439 | 6,417 | 6,842 |
| 1978 | 8,367 | 8,689 | 7,099 | 6,761 | 7,007 | 7,589 |
| 1979 | 9,141 | 9,506 | 7,743 | 7,317 | 7,674 | 8,326 |
| 1980 | 10,129 | 10,498 | 8,746 | 8,510 | 8,583 | 9,141 |
| 1981 | 11,090 | 11,596 | 9,232 | 8,838 | 9,168 | 9,778 |
| 1982 | 11,642 | 12,204 | 9,633 | 9,018 | 9,419 | 10,562 |
| 1983 | 12,328 | 12,965 | 10,093 | 9,501 | 9,883 | 10,968 |
| 1984 | 13,028 | 13,709 | 10,679 | 9,998 | 10,564 | 11,611 |

1/ For subsequent revisions in State per capita estimates, see table 413.

2/ Recalculated by DPED, using population estimates in Data Book 1986, table 5. The original BEA values for 1971 were based on faulty estimates.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, printouts dated April 1984, April 1985, and April 1986.

Table 419.-- UNREPORTED OR ILLEGAL INCOME: 1981

[In millions of dollars. Data are rough estimates of income from the "underground economy," calculated in part by applying national ratios of unreported to reported income, developed by Carl Simon and Ann Witte, to the official personal income estimate (\$10.8 billion in 1981) published for Hawaii. For further details, see source and Data Book 1984, table 284]

| Source | Amount |
|---|---------|
| Total | 1,160.3 |
| Income hidden to avoid taxes | 569.1 |
| Legal wages and salaries | 147.4 |
| Legal self-employment earnings | 316.8 |
| Other hidden income | 104.9 |
| Income earned by avoiding cigarette, alcohol and sales taxes | 2.3 |
| Unreported income of illegal alien workers | 6.7 |
| Income from illegal transfers | 56.0 |
| Income from production and distribution of illegal goods ... | 445.6 |
| Drugs | 440.2 |
| Marijuana | 361.6 |
| Other drugs | 78.4 |
| Smuggling of goods other than drugs | 1.2 |
| Pornography | 4.2 |
| Income from illegal services | 58.0 |
| Takeout from illegal gambling | 38.5 |
| Loan sharking | 1.1 |
| Prostitution | 18.4 |
| Other illegal income (hijacking, forgery, protection and extortion, pirating of records and taxes) | 22.6 |

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

Table 420.-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 1986

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

| Year | Households | Families | Unrelated individuals <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 | 8,506 | 13,533 | 6,917 |
| 1981 | 22,434 | 27,499 | 10,003 | 13,635 | 7,069 |
| 1982 | 23,582 | 27,840 | 11,068 | 13,582 | 8,133 |
| 1983 | 26,805 | 29,742 | 12,211 | 14,903 | 7,941 |
| 1984 | 28,877 | 32,831 | 12,303 | 16,147 | 8,548 |
| 1985 | 28,961 | 33,244 | 14,351 | 15,865 | 9,987 |
| 1986 | 29,003 | 34,665 | 14,906 | 18,637 | 11,447 |

NA Not available.

1/ 14 years old and over through 1975, and 15 years old and over thereafter. Data for 1975 and 1980-1986 exclude persons in military group quarters.

Source: U.S. Bureau of the Census, Census of Population: 1960, General Social and Economic Characteristics, Hawaii, Final Report 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 1987, machine-readable file, special tabulation by Hawaii State Data Center.

Table 421.-- INCOME OF HOUSEHOLDS, FAMILIES, AND PERSONS IN 1979: 1980

[Income received in 1979 by households, families, and persons surveyed in 1980]

| Income | The State | Oahu | Other islands |
|---|-----------|----------|---------------|
| Households | 294,934 | 230,931 | 64,003 |
| Less than \$5,000 | 24,433 | 17,631 | 6,802 |
| \$5,000 to \$7,499 | 18,775 | 13,771 | 5,004 |
| \$7,500 to \$9,999 | 21,209 | 16,663 | 4,546 |
| \$10,000 to \$14,999 | 41,604 | 32,320 | 9,284 |
| \$15,000 to \$19,999 | 37,836 | 28,833 | 9,003 |
| \$20,000 to \$24,999 | 34,842 | 26,768 | 8,074 |
| \$25,000 to \$34,999 | 52,585 | 41,728 | 10,857 |
| \$35,000 to \$49,999 | 39,955 | 33,443 | 6,512 |
| \$50,000 or more | 23,695 | 19,774 | 3,921 |
| Median | \$20,473 | \$21,077 | \$18,457 |
| Mean | \$24,519 | \$25,180 | \$22,132 |
| Families | 227,974 | 178,516 | 49,458 |
| Less than \$5,000 | 11,533 | 8,603 | 2,930 |
| \$5,000 to \$7,499 | 12,195 | 8,920 | 3,275 |
| \$7,500 to \$9,999 | 15,068 | 11,817 | 3,251 |
| \$10,000 to \$14,999 | 29,796 | 22,815 | 6,981 |
| \$15,000 to \$19,999 | 28,957 | 21,572 | 7,385 |
| \$20,000 to \$24,999 | 28,013 | 21,234 | 6,779 |
| \$25,000 to \$34,999 | 45,089 | 35,482 | 9,607 |
| \$35,000 to \$49,999 | 36,236 | 30,450 | 5,786 |
| \$50,000 or more | 21,087 | 17,623 | 3,464 |
| Median | \$22,750 | \$23,554 | \$20,600 |
| Mean | \$26,629 | \$27,318 | \$24,139 |
| Unrelated individuals 15 years and over | 136,692 | 112,303 | 24,389 |
| Less than \$2,000 | 17,492 | 13,797 | 3,695 |
| \$2,000 to \$2,999 | 7,698 | 5,713 | 1,985 |
| \$3,000 to \$4,999 | 16,598 | 12,795 | 3,803 |
| \$5,000 to \$7,999 | 34,234 | 29,848 | 4,386 |
| \$8,000 to \$9,999 | 13,112 | 11,007 | 2,105 |
| \$10,000 to \$14,999 | 21,340 | 17,209 | 4,131 |
| \$15,000 to \$24,999 | 18,037 | 14,972 | 3,065 |
| \$25,000 to \$49,999 | 6,841 | 5,866 | 975 |
| \$50,000 or more | 1,340 | 1,096 | 244 |
| Median | \$7,097 | \$7,167 | \$6,735 |
| Mean | \$9,947 | \$10,061 | \$9,423 |

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 71.

Table 422.-- INCOME OF HOUSEHOLDS AND FAMILIES: ANNUAL AVERAGES,
1981 TO 1983 AND 1984 TO 1986

[Data refer to income before taxes, as reported in March survey in following year. Based on a pooled sample of 1,772 households for 1981-1983 and 1,530 households for 1984-1986]

| Income | Households | | Families | |
|----------------------------|------------|-----------|-----------|-----------|
| | 1981-1983 | 1984-1986 | 1981-1983 | 1984-1986 |
| Total | 321,417 | 339,558 | 241,554 | 257,481 |
| Under \$5,000 | 25,765 | 17,409 | 11,729 | 6,319 |
| \$5,000 to \$7,499 | 15,193 | 15,834 | 9,131 | 8,108 |
| \$7,500 to \$9,999 | 19,446 | 14,341 | 10,409 | 7,665 |
| \$10,000 to \$14,999 | 39,960 | 30,908 | 28,659 | 20,464 |
| \$15,000 to \$19,999 | 32,759 | 39,603 | 19,620 | 25,726 |
| \$20,000 to \$24,999 | 30,434 | 29,889 | 22,944 | 23,906 |
| \$25,000 to \$34,999 | 64,242 | 53,526 | 55,693 | 44,107 |
| \$35,000 to \$49,999 | 57,267 | 62,575 | 51,510 | 53,894 |
| \$50,000 to \$74,999 | 31,489 | 51,678 | 27,649 | 46,227 |
| \$75,000 and over | 4,862 | 23,794 | 4,210 | 21,065 |
| Median income (dollars) | 24,540 | 28,948 | 28,307 | 33,274 |

Source: U.S. Bureau of the Census for U.S. Bureau of Labor Statistics, Current Population Survey (March), annual, 1982 to 1987; machine-readable data file, special tabulation by Hawaii State Data Center.

Table 423.-- INCOME AND POVERTY STATUS IN PREVIOUS YEAR: 1970 AND 1980

| Subject | 1970 | 1980 | Percent | |
|---|----------|----------|---------|-------|
| | | | 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 | 100.0 | 100.0 |
| Without income | 29,578 | 29,106 | 10.2 | 7.7 |
| With income | 259,587 | 349,836 | 89.8 | 92.3 |
| 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 | 100.0 | 100.0 |
| Without income | 94,729 | 78,115 | 35.8 | 21.7 |
| With income | 169,861 | 282,592 | 64.2 | 78.3 |
| 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 | 9.3 | 9.9 |
| 65 years and over | 8,457 | 7,654 | 19.9 | 10.5 |
| In families | 51,530 | 66,843 | 7.6 | 8.2 |
| Householder | 13,063 | 17,700 | 7.7 | 7.8 |
| Female householder, no husband present ... | 5,180 | 7,985 | 32.4 | 28.0 |
| Related child under 18 years | 27,895 | 35,103 | 10.3 | 13.0 |
| Related child under 6 years | 10,129 | 14,725 | 11.9 | 16.3 |
| Other relatives | 10,572 | 14,040 | 4.5 | 4.4 |
| Unrelated individuals | 16,834 | 24,775 | 30.3 | 23.0 |
| 65 years and over | 4,561 | 4,927 | 50.1 | 31.7 |

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 424.-- INCOME AND POVERTY STATUS IN 1979,
BY COUNTIES AND ISLANDS: 1980

[Income and poverty status in 1979 of households, families and persons surveyed in 1980]

| County and island | Median income in 1979 (dollars) | | Per capita income in 1979 (dollars) | Income in 1979 below poverty level <u>1/</u> | |
|----------------------|---------------------------------|----------|-------------------------------------|--|---------------------|
| | Households | Families | | Percent of persons for whom poverty status is determined | Percent of families |
| The State .. | 20,473 | 22,750 | 7,740 | 9.9 | 7.8 |
| Counties: | | | | | |
| Hawaii | 16,975 | 19,132 | 6,554 | 13.2 | 10.3 |
| Maui | 20,237 | 22,579 | 7,818 | 9.6 | 7.6 |
| Kalawao | 5,750 | 11,667 | 6,838 | 31.9 | 13.3 |
| Honolulu | 21,077 | 23,554 | 7,912 | 9.5 | 7.5 |
| Kauai | 19,066 | 20,882 | 7,022 | 8.9 | 6.9 |
| Islands: | | | | | |
| Hawaii | 16,975 | 19,132 | 6,554 | 13.2 | 10.3 |
| Maui | 20,732 | 24,136 | 8,115 | 8.8 | 7.2 |
| Lanai | 18,597 | 21,667 | 6,472 | 10.6 | 2.3 |
| Molokai | 14,530 | 16,440 | 5,206 | 21.6 | 12.8 |
| Oahu <u>2/</u> | 21,077 | 23,554 | 7,912 | 9.5 | 7.5 |
| Kauai | 19,154 | 20,989 | 7,057 | 8.3 | 6.4 |
| Niihau | 4,922 | 4,922 | 1,081 | 81.2 | 84.2 |

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 percent of persons and families below poverty level in Hawaii.

2/ Includes the Northwestern Hawaiian Islands.

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 57, and 1980 Census of Population and Housing, Census Tracts, Hawaii, Selected Areas, PHC80-2-13 (June 1983), table P-11. Island data for Maui, Molokai, and Kauai calculated by Hawaii State Data Center.

Table 425.-- 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 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 426.-- POVERTY STATUS OF FAMILIES AND UNRELATED INDIVIDUALS:
1969 TO 1986

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

| Year | Families | | | Unrelated individuals <u>2/</u> | | |
|---------|----------|-------------------------------|---------|---------------------------------|-------------------------------|---------|
| | Total | Below poverty level <u>1/</u> | | Total | Below poverty level <u>1/</u> | |
| | | 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 .. | 253,914 | 18,776 | 7.4 | 117,639 | 27,243 | 23.2 |
| 1986 .. | 264,689 | 23,419 | 8.8 | 122,419 | 31,828 | 26.0 |

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, 1985, and 1986 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 and 1987, machine-readable file, special tabulation by Hawaii State Data Center.

Table 427.-- POVERTY INCOME GUIDELINES: 1980, 1986 AND 1987

[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. 11, 1986 <u>2/</u> | Effective Feb. 20, 1987 <u>2/</u> |
|---------------------|---------------------------------------|--------------------------------------|--------------------------------------|
| 1 | 4,370 | 6,170 | 6,310 |
| 2 | 5,770 | 8,330 | 8,500 |
| 3 | 7,170 | 10,490 | 10,690 |
| 4 | 8,570 | 12,650 | <u>3/</u> 12,880 |
| 5 | 9,970 | 14,810 | 15,070 |
| 6 | 11,370 | 16,970 | 17,260 |
| 7 | 12,770 | 19,130 | 19,450 |
| 8 | 14,170 | 21,290 | <u>4/</u> 21,640 |

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 \$11,200 on the Mainland and \$14,000 in Alaska.

4/ For larger families, add \$2,190 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, "Poverty Income Guidelines; Annual Revision," Federal Register, Vol. 51, No. 28 (February 11, 1986), pp. 5105-5106, and "Annual Update of the Poverty Income Guidelines," Federal Register, Vol. 52, No. 34 (February 20, 1987), pp. 5340-5341.

Table 428.-- ANNUAL INCOME AND EXPENDITURES OF URBAN CONSUMER UNITS,
FOR OAHU: 1980-81 AND 1982-83

[Data based on 792 sample interviews in 1980-81 and 928 in 1982-83.
For detailed breakdowns, see source]

| Item | Annual averages (dollars) | |
|---|------------------------------|---------|
| | 1980-81 | 1982-83 |
| Total expenditures | 18,584 | 22,247 |
| Food at home | 2,681 | 2,838 |
| Food away from home | 887 | 1,265 |
| Alcoholic beverages | 302 | 460 |
| Housing | 5,454 | 6,122 |
| Shelter | 3,523 | 3,948 |
| Utilities, fuels, and public services | 937 | 1,142 |
| Household operations | 369 | 280 |
| Housefurnishings and equipment | 626 | 751 |
| Apparel | 773 | 1,080 |
| Transportation | 3,729 | 4,051 |
| Health care | 731 | 770 |
| Entertainment | 804 | 1,101 |
| Personal care | 153 | 232 |
| Reading | 119 | 159 |
| Education | 265 | 380 |
| Tobacco and smoking supplies | 143 | 177 |
| Miscellaneous | 258 | 482 |
| Cash contributions | 504 | 923 |
| Personal insurance and pensions | 1,779 | 2,204 |
| Money income before taxes | 22,926 | 27,937 |
| Personal taxes | 2,915 | 3,595 |
| Other money receipts | 123 | 227 |
| Mortgage principal paid on owned property | 440 | 635 |
| Gifts of goods and services | 498 | 690 |

Source: U.S. Bureau of Labor Statistics, Consumer Expenditure Survey: Interview, 1984, Bulletin 2267 (August 1986), pp. 67-70 and 83-86.

Table 429.-- TOP WEALTHHOLDERS: 1962 TO 1982

[Top wealthholders are defined as persons with a gross estate in excess of specified amounts, rising from \$60,000 in 1962 to \$300,000 in 1982. 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 \$300,000: | | | | |
| 1982 | 14,200 | 8,815 | 4,471 | 4,344 |
| Gross estate over \$500,000: | | | | |
| 1982 | 5,700 | 5,891 | 4,005 | 1,887 |

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, and Winter 1984-85, pp. 1-17.

Table 430.-- CHARACTERISTICS OF TOP WEALTHHOLDERS: 1982

[Top wealthholders are defined as persons with gross assets of \$300,000 or more. All figures in this table are estimates based on estate tax return samples]

| Subject | Number of persons | Amount (millions of dollars) |
|--|-------------------|---------------------------------|
| GROSS ASSETS OF \$300,000 OR MORE | | |
| Total assets, all persons in group | 14,200 | 8,815 |
| Debts and mortgages | 13,100 | 4,471 |
| Net worth | 14,200 | 4,344 |
| Men | 11,200 | 2,421 |
| Women | 2,900 | 1,923 |
| GROSS ASSETS OF \$500,000 OR MORE | | |
| Total assets, all persons in group | 5,700 | 5,891 |
| Debts and mortgages | 5,500 | 4,005 |
| Net worth | 5,700 | 1,887 |
| Selected assets: | | |
| Cash | 5,700 | 313 |
| Corporate stock | 2,800 | 328 |
| Bonds | 1,100 | 138 |
| Real estate | 5,200 | 3,363 |
| Noncorporate business assets | 1,700 | 278 |
| NET WORTH OF \$1,000,000 OR MORE | | |
| Net worth, all persons in group (millionaires) . | 800 | 1,663 |

Source: U.S. Internal Revenue Service, "Preliminary Estimates of Personal Wealth, 1982: Composition of Assets," SOI Bulletin, Winter 1984-85, pp. 1-17.

Table 431.-- WORTH OF RICHEST RESIDENTS: 1986 AND 1987

| Name | Age (years) | Worth (million dollars) |
|--|----------------|-------------------------------|
| 1986 | | |
| Barbara Cox Anthony | 63 | 1,100 |
| Harry Weinberg <u>1/</u> | 78 | 725 |
| Campbell family | ... | 400 |
| Kelley family | ... | 330 |
| Richard Palmer Kaleioku Smart | 73 | 225 |
| Alfred Dreyfus Goldman <u>2/</u> | 48 | 200 |
| Monte Henry Goldman <u>2/</u> | 51 | 200 |
| 1987 | | |
| Barbara Cox Anthony | 64 | 1,800 |
| Harry Weinberg <u>1/</u> | 79 | 800 |
| Campbell family | ... | 600 |
| Goldman family <u>3/</u> | ... | 400 |
| Kelley family | ... | 350 |
| Richard Palmer Kaleioku Smart | 74 | 275 |

1/ Also maintains residence in Baltimore.

2/ Also maintains residence in Oklahoma City.

3/ Also residents of Colorado.

Source: "The 400 Richest People in America," Forbes, October 27, 1986, pp. 106-312; "The 400 Richest People in America," Forbes, October 26, 1987, pp. 106-333.