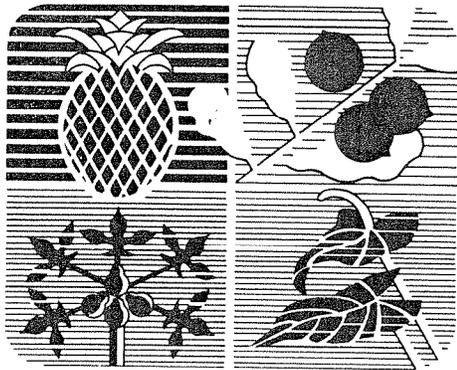


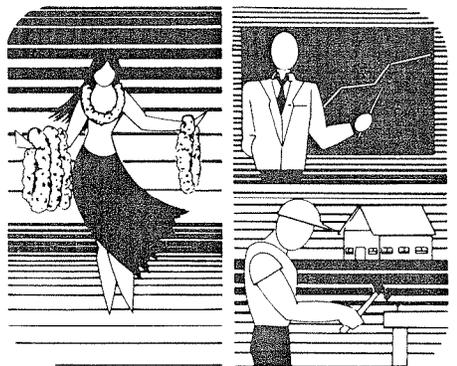
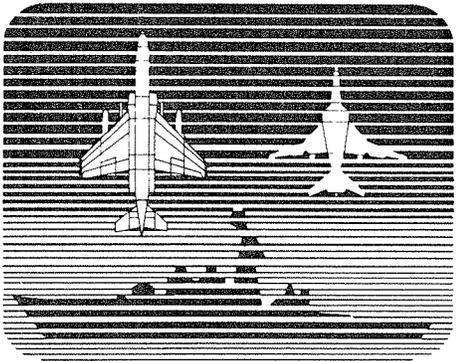
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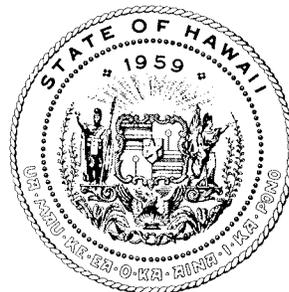
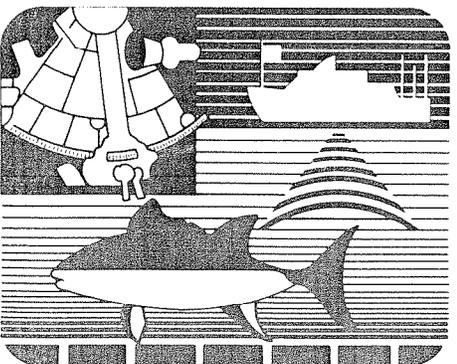
THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM
STATE OF HAWAII



QUARTERLY STATISTICAL & ECONOMIC REPORT



March 1996



This Quarterly Statistical and Economic Report has been prepared by the staff of the Research and Economic Analysis Division of the State Department of Business, Economic Development and Tourism (DBEDT). The report provides concise statistical information and analyses on Employment, Income and Prices, Taxes, Tourism, and Construction, as well as an overview of the four Hawaii State Counties.

This report was prepared under the direction of the division administrator, Dr. Pearl Imada Iboshi. Dr. Tu Duc Pham directly ran the project with able assistance from Ms. Heather Stanton and data provided by Mr. Greg Leong.

Technical notes and source descriptions have been kept to a minimum. However, the staff of the Research and Economic Analysis Division would be happy to respond to any inquiries of a technical nature that readers may have (586-2466). The information contained in this report reflects data received by the Research Division on or before March 1, 1996.

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STATE OF THE ECONOMY

The latest quarterly data showed continued moderate improvement in the economy. The number of visitor arrivals increased 2.4 percent in the fourth quarter of 1995, as compared to the corresponding period in 1994 (table 1). The increase was largely due to the 9.9 percent growth of Eastbound visitors, primarily from Japan. Westbound visitors, however, declined 2.1 percent in the fourth quarter of 1995 relative to the fourth quarter of 1994. For 1995 as a whole, the total number of visitors to Hawaii was 6.6 million, an increase of 3.2 percent over the 1994 number. The 1995 increase was mainly due to a surge of Japanese visitors beginning in the second quarter of 1995 (table D-4).

As a result of the growth in the number of visitors, the hotel occupancy rate averaged 75.4 percent in the fourth quarter; a 0.6 percentage point increase from the fourth quarter of 1994 (table 1). On an annual basis, the 1995 occupancy rate was 76.7 percent, rising from the 72.4 percent rate of 1993 (table D-7). Increases in hotel occupancy rates translated into increases in hotel receipts. Data from the Hawaii Department of Taxation indicated that the hotel rental tax base continued to increase 6.7 percent in the 1995 fourth quarter, as compared to the corresponding 1994 period (table 1). For 1995 as a whole, the hotel rental tax base rose 6.6 percent, continuing the positive growth in 1994 (table C-11).

The increase in visitor arrivals in the fourth quarter also stimulated growth in services and retail trade. In the fourth quarter, the services tax base increased 10.7 percent while the retail tax base increased 5.7 percent over the same year-earlier period (table 1). Both quarterly rates reflect an acceleration of economic activity as the 1995 annual growth for the services base was only

1.5 percent while the annual growth for the retail base was 3.3 percent.

The data also indicate that the general excise tax base for contracting increased 3.3 percent in the 1995 fourth quarter (table 1). This is significant since it is the first quarter of healthy growth in the base since the third quarter of 1991 (table C-10).

Construction activity, however, remained weak. The value of building permits, an indicator of future private construction, declined 36.1 percent in the fourth quarter of 1995 as compared to the 1994 fourth quarter figure (table E-2). For 1995 as a whole, total private construction authorizations increased 3.3 percent. Government contracts awarded also declined slightly during the quarter. For 1995 as a whole, total government contracts fell 29.3 percent.

Tax revenues accruing to the state general fund increased 9.9 percent in October and November of 1995 relative to the corresponding months in 1994. A large individual tax refund in December 1995 reduced the year-over-year growth rate in general fund tax revenues for the fourth quarter to 3.2 percent (table C-1). This was still a marked improvement from the 0.3 percent increase in the 1995 third quarter and a 10.8 percent decline in the second quarter (both relative to year-earlier quarters). In the fourth quarter of 1995, overall general excise and use tax collections increased 6.6 percent from the 1994 fourth quarter. This is the highest quarterly percentage increase since the third quarter of 1991. For 1995 as a whole, the general excise and use tax collections rose by 2.9 percent—just under the 3.0 percent increase in 1994.

The unemployment rate in the fourth quarter of 1995 was 5.3 percent, a 0.6 percentage point decline from the 1994 fourth

quarter (table A-4). The annual unemployment rate was 5.4 percent in 1995 compared to 6.0 percent in 1994. Overall the number of jobs declined 1.0 percent in 1995, the third consecutive year of job loss (table A-5). One possible explanation is that the decline in jobs was due to a decrease in multiple job-holders, which would mean that the decline in jobs does not necessarily increase unemployment. It should be noted that the data were compiled from two different sources: the U.S. Bureau of Labor Statistics, and the Hawaii Department of Labor and Industrial Relations. The former estimates the unemployment rate from the Current Population Survey, while the latter estimates job counts by industry based on their industry survey. Data on job counts and unemployment rates are therefore not strictly comparable.

The total number of jobs in State Government declined by 5.2 percent in the 1995 fourth quarter relative to the year-earlier quarter (table A-18). This was the second consecutive quarter of state government job decline. As estimated by the Hawaii Department of Labor and Industrial Relations, the number of state government jobs was 63,800 in the fourth quarter of 1995, as compared to 67,300 in the corresponding 1994 period. For all of 1995, state government jobs were 1.7 percent lower than

in 1994—the first annual decline since 1979.

The number of wage and salary jobs in agriculture increased 2.6 percent in the fourth quarter, relative to the year earlier. This is the first quarterly increase since the 1992 first quarter (table A-20). The number of agriculture self-employed and non-paid family workers increased 6.7 percent from the 1994 fourth quarter to the 1995 fourth quarter (table A-21). Other sectors—including construction, manufacturing, wholesale trade, and finance and real estate—experienced declines in jobs in the fourth quarter relative to the year earlier (table 1). It is expected that continued improvement of the economy will soon have a positive impact on the job picture.

Price inflation remains low. The Honolulu Consumer Price Index rose at a 2.2 percent rate in the second half of 1995 from the second half of 1994 (table B-9). This measure of inflation also stood at 2.2 percent for 1995 as a whole—the lowest rate since 1983.

According to the U.S. Bureau of Economic Analysis, personal income increased 3.7 percent from the third quarter of 1994 to the third quarter of 1995 (table B-1). The increase was mainly attributed to an increase in dividends, interest and rent (5.1 percent) and transfer payments (7.3 percent).

OUTLOOK OF THE ECONOMY

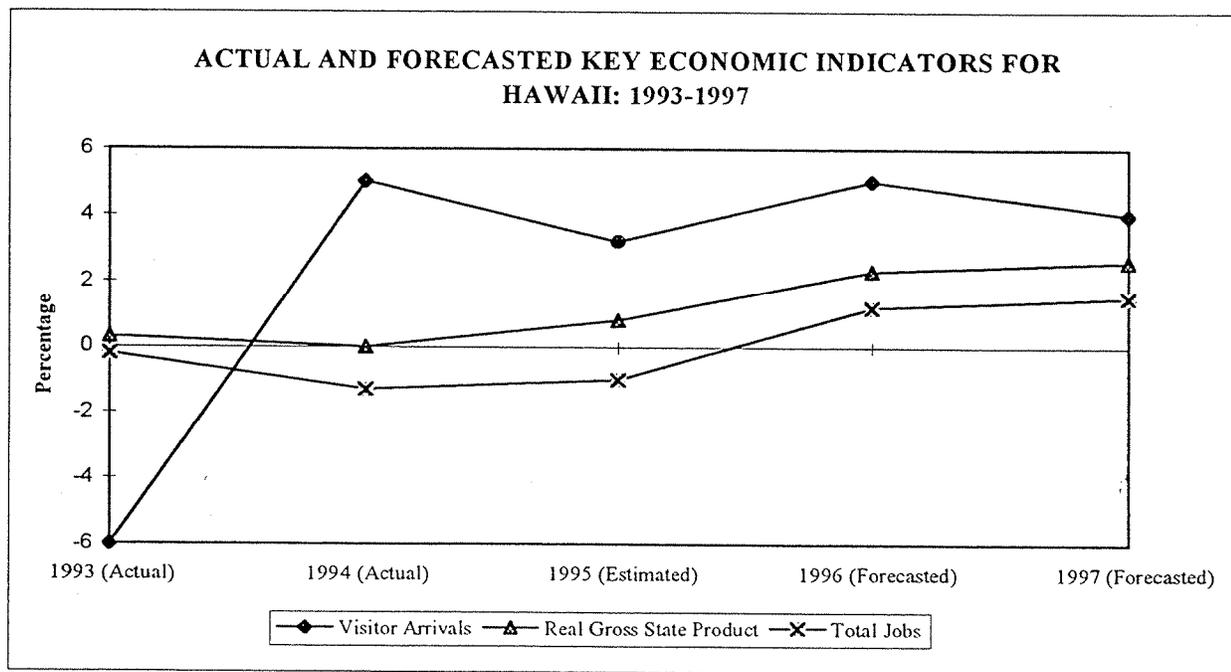
The visitor industry has finally recovered. The number of visitor arrivals increased 5.0 percent in 1994 and 3.2 percent in 1995, after three years of negative growth rates (table D-1). Although the "official" number of visitors in 1995 is still approximately 300,000 below the 1990 figure, the 1990 and 1995 tourism figures are not strictly comparable because of a change in estimation methodology. Adjusting for data errors, DBEDT estimates that the number of visitor arrivals reached an all-time high in 1995. DBEDT expects that this recovery in the visitor industry will continue, and anticipates the number of visitor arrivals to increase between 4.0 and 6.0 percent from 1995 to 1996.

Construction value in current dollars

declined 4.9 percent in 1995 mainly due to the winding down of the H-3 Freeway project (table E-2). Construction jobs also fell by 9.6 percent for the year (table A-7). It is expected that construction jobs will decline another 3.0 percent in 1996.

DBEDT expects inflation, as measured by the changes in Honolulu Consumer Price Index, to remain at the current low level: about 2.0 to 2.5 percent in 1996 and 1997.

Overall, Real Gross State Product should grow 2.3 percent in 1996, and 2.6 percent in 1997. Although lower than the rates experienced before 1991, and in spite of the lag in construction, this growth suggests that the recovery of Hawaii's economy has finally begun.



Source: Research and Economic Analysis Division, DBEDT.

**ACTUAL AND FORECASTED KEY ECONOMIC INDICATORS
FOR HAWAII: 1993-1997**

<i>Economic Indicators</i>	<i>1993 (actual)</i>	<i>1994 (actual)</i>	<i>1995 (estimated)</i>	<i>1996 (forecasted)</i>	<i>1997 (forecasted)</i>
Total Population (in thousands)	1,165.5	1,178.3	1,186.8	1,198.7	1,210.7
Visitor Arrivals (in thousands)	6,124.2	6,430.3	6,633.8	6,965.5	7,244.1
Honolulu CPI-U (1982 - 84=100)	160.1	164.5	168.1	172.3	176.6
Personal Income (in millions of dollars)	27,466.0	28,335.0	29,321.2	30,499.5	32,003.1
Personal Income (in \$1987 millions)	19,715.7	19,791.4	20,039.4	20,336.3	20,818.4
Total Jobs (in thousands)	589.7	582.1	576.1	582.7	591.3
Gross State Product (in millions of dollars)	31,106.9	31,947.9	33,008.5	34,526.9	36,253.2
Real Gross State Product (in \$1987 millions)	25,320.0	25,311.5	25,514.0	26,113.2	26,802.4
Gross State Product Deflator (1987=100)	122.9	126.3	129.4	132.3	135.3
Annual Percentage Growth					
Total Population (in thousands)	1.1	1.1	0.7	1.0	1.0
Visitor Arrivals (in thousands)	-6.0	5.0	3.2	5.0	4.0
Honolulu CPI-U (1982 - 84=100)	3.2	2.7	2.2	2.5	2.5
Personal Income (in millions of dollars)	5.2	3.2	3.7	4.0	4.9
Personal Income (in \$1987 millions)	1.9	0.5	1.5	1.6	1.9
Total Jobs (in thousands)	-0.2	-1.3	-1.0	1.2	1.5
Gross State Product (in millions of dollars)	3.4	2.7	3.3	4.6	5.0
Real Gross State Product (in \$1987 millions)	0.3	0.0	0.8	2.3	2.6
Gross State Product Deflator (1987=100)	3.1	2.7	2.5	2.2	2.3

Source: Research and Economic Analysis Division, DBEDT.

COUNTY ECONOMIC CONDITIONS

In the fourth quarter of 1995, the total number of visitors increased 5.0 percent for Oahu and 6.0 percent in Kauai over the last quarter of 1994 (tables 2 and 5). However, the number of visitors to Hawaii County and to Maui County declined 3.5 and 4.4 percent, respectively (tables 3 and 4). This pattern also held for 1995 as a whole with healthy growth in Oahu and Kauai, and small declines in Hawaii and Maui. The hotel rental tax base increased sharply in the fourth quarter for all Neighbor Islands: 9.8 percent for Hawaii County, 11.9 percent for Maui County, and 44.7 percent for Kauai County. For Oahu, the hotel rental tax base increased only 3.9 percent (tables 2 to 5).

The civilian unemployment rate for Hawaii and Kauai was 8.5 percent and 9.4 percent in the fourth quarter of 1995, respectively (tables 3 and 5). Although these rates are high, they show a significant improvement

from the double-digit figures in the fourth quarter of 1994. Both the Honolulu and the Maui unemployment rates declined slightly to 4.3 percent and 6.6 percent, respectively. For 1995 as a whole, each county saw declines in the unemployment rate. The declines in the average annual unemployment rates ranged from 3.1 percentage points for Kauai County to a 0.2 percentage point for Maui County (tables 4 and 5).

Data from the Hawaii Department of Labor and Industrial Relations indicate that the number of wage and salary jobs declined in all counties except Kauai (table 5) during the 1995 fourth quarter. For all of 1995, Honolulu, Maui, and Hawaii lost jobs while the number of jobs in Kauai increased by 1.6 percent (tables 2 to 5). As indicated in the previous section, job counts and unemployment rate data are estimated by different surveys and agencies.

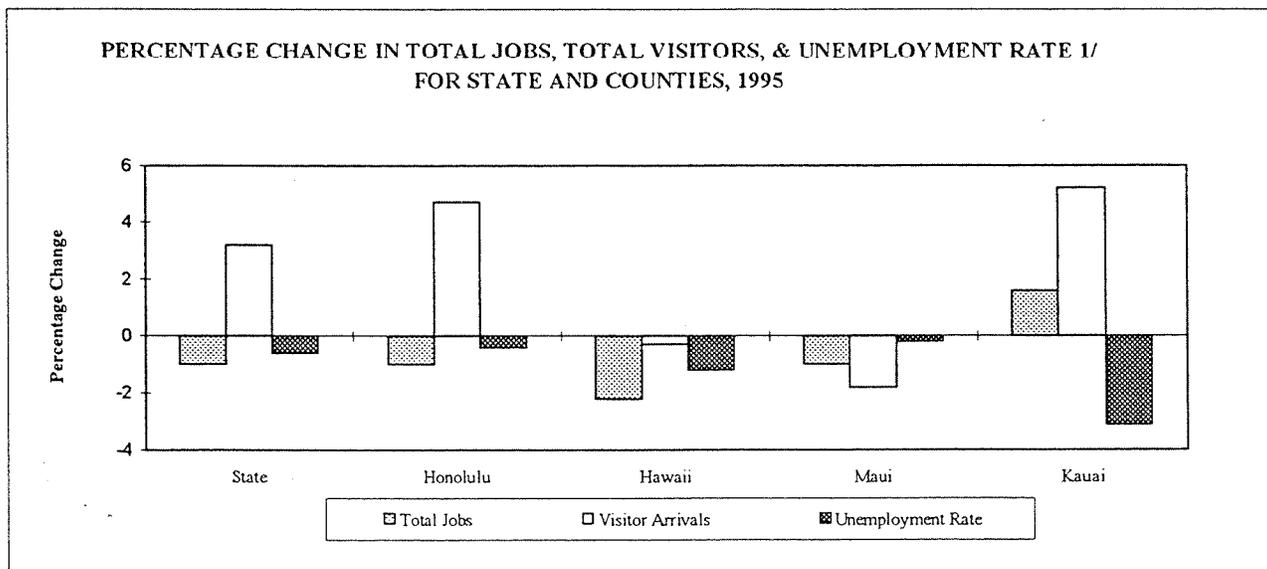


Table 1
SELECTED ECONOMIC ACTIVITIES: STATE

SERIES	UNIT	4th QUARTER 1995		1995 TOTAL	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE	PERSONS	583,022	0.0	585,156	0.4
Civilian Employment	PERSONS	552,338	0.7	553,613	1.0
Civilian Unemployment	PERSONS	30,683	-10.5	31,544	-10.0
UNEMPLOYMENT RATE	%	5.3	-0.6 1/	5.4	-0.6 1/
TOTAL JOBS	JOBS	577,500	-1.4	576,100	-1.0
TOTAL NON-AGR. WAGE & SALARY	JOBS	534,036	-1.2	532,676	-0.7
Contract Construction	JOBS	26,428	-7.0	26,416	-9.6
Manufacturing	JOBS	16,937	-2.9	16,930	-5.1
Trans., Comm., Utilities	JOBS	40,873	-2.2	40,698	-2.6
Trade	JOBS	136,502	0.1	135,636	1.8
Retail	JOBS	115,044	0.1	114,136	2.1
Finance, Insur., & Real Estate	JOBS	37,172	-1.8	37,124	-3.4
Services & Miscellaneous	JOBS	165,468	0.1	164,804	0.5
Hotels	JOBS	38,145	-0.5	37,878	-0.3
Government	JOBS	110,656	-2.6	111,068	-0.7
State	JOBS	63,768	-5.2	63,938	-1.7
Federal	JOBS	30,682	-0.6	30,696	-1.6
AGRICULTURE WAGES AND SALARIES	JOBS	7,747	2.6	7,286	-9.2
AGRICULTURE SELF-EMPLOYED	JOBS	4,017	6.7	3,829	-0.7
NON-AGR. SELF-EMPLOYED	JOBS	31,837	-4.8	32,325	-5.2
STATE GENERAL FUND TAX					
REVENUES	\$1,000	659,548	3.2	2,614,713	-2.2
TRANS. ACCOM. TAX REVENUES 2/	\$1,000	24,801	14.8	105,617	22.1
GENERAL EXCISE & USE TAX BASE	\$1,000	11,241,000	4.3	45,577,000	2.4
Retailing Tax Base	\$1,000	3,697,000	5.7	15,051,000	3.3
Services Tax Base	\$1,000	1,325,818	10.7	5,351,079	1.5
Contracting Tax Base	\$1,000	845,053	3.3	3,133,511	-5.7
Hotel Rental Tax Base	\$1,000	416,700	6.7	1,776,525	6.6
Producing Tax Base	\$1,000	108,500	3.6	457,538	-2.1
VISITOR ARRIVALS	PERSONS	1,633,200	2.4	6,633,840	3.2
Westbound Visitors	PERSONS	969,000	-2.1	3,977,820	-0.5
Eastbound Visitors	PERSONS	664,200	9.9	2,656,020	9.2
HOTEL OCCUPANCY RATES	%	75.4	0.6 1/	76.7	-0.2 1/

Notes: 1/ Represents absolute change in rates rather than percentage change in rates.

2/ Tax exemption to providers of transient accommodations located in natural disaster areas sunsetted after 12/31/94 (Act 129, SLH 1993).

Source: U.S. Bureau of Labor Statistics, Hawaii Dept. of Labor & Industrial Relations, Dept. of Taxation, Hawaii Visitors Bureau, and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Table 2
SELECTED ECONOMIC ACTIVITIES: CITY AND COUNTY OF HONOLULU

SERIES	UNIT	4th QUARTER 1995		1995 TOTAL	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE	PERSONS	425,886	0.4	426,158	0.5
Civilian Employment	PERSONS	407,506	0.7	407,777	1.0
Civilian Unemployment	PERSONS	18,380	-5.6	18,381	-8.2
UNEMPLOYMENT RATE	%	4.3	-0.3 1/	4.3	-0.4 1/
TOTAL JOBS	JOBS	433,376	-1.4	431,749	-1.0
TOTAL NON-AGR. WAGE & SALARY	JOBS	410,239	-1.2	408,405	-0.8
Contract Construction	JOBS	20,468	-6.4	20,384	-8.9
Manufacturing	JOBS	12,881	-3.2	12,916	-3.4
Trans., Comm., Utilities	JOBS	33,368	-1.5	33,185	-2.3
Trade	JOBS	102,634	0.6	101,438	1.5
Retail	JOBS	84,739	0.8	83,571	1.8
Finance, Insur., & Real Estate	JOBS	30,518	-2.7	30,482	-4.0
Services & Miscellaneous	JOBS	121,137	0.1	120,476	0.5
Hotels	JOBS	18,417	-0.5	18,218	-0.7
Government	JOBS	89,232	-2.7	89,524	-0.8
State	JOBS	49,156	-5.8	49,279	-1.8
Federal	JOBS	28,897	-1.0	28,931	-2.0
AGRICULTURE WAGES AND SALARIES	JOBS	2,062	-1.3	1,964	-5.7
AGRICULTURE SELF-EMPLOYED	JOBS	783	11.9	742	-8.2
NON-AGR. SELF-EMPLOYED	JOBS	20,292	-5.0	20,640	-5.6
TRANS. ACCOM. TAX REVENUES	\$1,000	17,129	14.7	73,572	22.6
GENERAL EXCISE & USE TAX BASE	\$1,000	9,669,000	4.6	39,144,000	2.7
Retailing Tax Base	\$1,000	3,174,000	6.6	12,869,000	3.7
Services Tax Base	\$1,000	1,113,035	10.0	4,502,421	0.6
Contracting Tax Base	\$1,000	706,940	3.3	2,600,670	-4.8
Hotel Rental Tax Base	\$1,000	296,786	3.9	1,280,551	6.5
Producing Tax Base	\$1,000	80,475	14.4	303,575	-3.7
VISITOR ARRIVALS	PERSONS	1,220,520	5.0	4,915,840	4.7
Westbound Visitors	PERSONS	577,620	-2.0	2,353,750	-1.6
Eastbound Visitors	PERSONS	642,900	12.2	2,562,090	11.4
HOTEL OCCUPANCY RATES	%	80.4	1.1 1/	81.6	0.7 1/

Note: 1/ Represents absolute change in rates rather than percentage change in rates.

Source: U.S. Bureau of Labor Statistics, Hawaii Dept. of Labor & Industrial Relations, Dept. of Taxation, Hawaii Visitors Bureau, and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Table 3
SELECTED ECONOMIC ACTIVITIES: HAWAII COUNTY

SERIES	UNIT	4th QUARTER 1995		1995 TOTAL	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE	PERSONS	62,386	-3.0	63,276	-2.4
Civilian Employment	PERSONS	57,090	-0.5	57,356	-1.2
Civilian Unemployment	PERSONS	5,295	-23.3	5,921	-13.0
UNEMPLOYMENT RATE	%	8.5	-2.2 1/	9.3	-1.2 1/
TOTAL JOBS	JOBS	56,249	-1.5	56,258	-2.2
TOTAL NON-AGR. WAGE & SALARY	JOBS	46,600	-1.6	46,856	-1.0
Contract Construction	JOBS	2,492	-1.2	2,525	-1.9
Manufacturing	JOBS	1,769	-5.0	1,739	-15.8
Trans., Comm., Utilities	JOBS	2,525	-7.9	2,570	-3.0
Trade	JOBS	12,382	-2.7	12,565	1.0
Retail	JOBS	10,741	-2.9	10,879	1.3
Finance, Insur., & Real Estate	JOBS	2,316	0.0	2,318	-5.1
Services & Miscellaneous	JOBS	15,032	0.8	15,045	0.5
Hotels	JOBS	5,606	0.6	5,571	-0.6
Government	JOBS	10,085	-1.9	10,093	-0.8
State	JOBS	7,091	-3.3	7,113	-1.1
Federal	JOBS	904	4.6	885	2.1
AGRICULTURE WAGES AND SALARIES	JOBS	2,766	6.6	2,483	-15.4
AGRICULTURE SELF-EMPLOYED	JOBS	2,417	1.4	2,325	-1.1
NON-AGR. SELF-EMPLOYED	JOBS	4,466	-6.5	4,594	-6.9
TRANS. ACCOM. TAX REVENUES	\$1,000	1,881	-11.5	8,946	7.1
GENERAL EXCISE & USE TAX BASE	\$1,000	613,337	7.3	2,598,075	6.6
Retailing Tax Base	\$1,000	208,409	2.5	878,688	5.2
Services Tax Base	\$1,000	97,961	18.5	383,713	9.6
Contracting Tax Base	\$1,000	57,093	17.6	217,633	-4.0
Hotel Rental Tax Base	\$1,000	28,717	9.8	139,234	12.7
Producing Tax Base	\$1,000	17,526	-22.9	102,349	4.1
VISITOR ARRIVALS	PERSONS	258,340	-3.5	1,075,870	-0.3
Westbound Visitors	PERSONS	212,050	-3.8	860,540	-0.7
Eastbound Visitors	PERSONS	46,290	-2.0	215,330	0.9
HOTEL OCCUPANCY RATES	%	61.1	-1.4 1/	60.6	-2.9 1/

Note: 1/ Represents absolute change in rates rather than percentage change in rates.

Source: U.S. Bureau of Labor Statistics, Hawaii Dept. of Labor & Industrial Relations, Dept. of Taxation, Hawaii Visitors Bureau, and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Table 4
SELECTED ECONOMIC ACTIVITIES: MAUI COUNTY

SERIES	UNIT	4th QUARTER 1995		1995 TOTAL	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE	PERSONS	66,171	1.1	66,933	2.1
Civilian Employment	PERSONS	61,835	1.4	62,468	2.3
Civilian Unemployment	PERSONS	4,336	-3.6	4,465	-1.2
UNEMPLOYMENT RATE	%	6.6	-0.3 1/	6.7	-0.2 1/
TOTAL JOBS	JOBS	61,244	-5.0	61,559	-1.0
TOTAL NON-AGR. WAGE & SALARY	JOBS	53,546	-2.1	53,910	-0.8
Contract Construction	JOBS	2,107	-10.8	2,022	-17.2
Manufacturing	JOBS	1,737	1.6	1,755	-3.8
Trans., Comm., Utilities	JOBS	3,471	0.6	3,424	0.4
Trade	JOBS	14,859	-1.5	15,001	1.7
Retail	JOBS	13,450	-1.8	13,594	2.0
Finance, Insur., & Real Estate	JOBS	2,939	1.7	2,940	1.5
Services & Miscellaneous	JOBS	21,103	-3.1	21,382	-1.3
Hotels	JOBS	10,750	-5.2	10,954	-3.6
Government	JOBS	7,331	-1.3	7,386	-0.1
State	JOBS	4,968	-2.2	4,977	-0.7
Federal	JOBS	482	3.8	474	1.8
AGRICULTURE WAGES AND SALARIES	JOBS	1,877	-0.1	1,883	-3.0
AGRICULTURE SELF-EMPLOYED	JOBS	467	16.7	438	12.9
NON-AGR. SELF-EMPLOYED	JOBS	5,354	-2.4	5,328	-2.5
TRANS. ACCOM. TAX REVENUES	\$1,000	3,624	-18.2	18,680	5.0
GENERAL EXCISE & USE TAX BASE	\$1,000	719,670	0.1	2,804,017	-2.7
Retailing Tax Base	\$1,000	234,537	2.0	953,475	-1.5
Services Tax Base	\$1,000	85,925	19.5	332,348	6.1
Contracting Tax Base	\$1,000	46,295	-12.4	188,497	-10.2
Hotel Rental Tax Base	\$1,000	77,894	11.9	302,297	0.9
Producing Tax Base	\$1,000	7,337	19.8	36,475	3.7
VISITOR ARRIVALS	PERSONS	546,480	-4.4	2,313,170	-1.8
Westbound Visitors	PERSONS	449,110	-2.7	1,877,060	-1.2
Eastbound Visitors	PERSONS	97,370	-11.5	436,110	-4.0
HOTEL OCCUPANCY RATES	%	72.5	2.5 1/	75.6	2.9 1/

Note: 1/ Represents absolute change in rates rather than percentage change in rates.

Source: U.S. Bureau of Labor Statistics, Hawaii Dept. of Labor & Industrial Relations, Dept. of Taxation, Hawaii Visitors Bureau, and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Table 5
SELECTED ECONOMIC ACTIVITIES: KAUAI COUNTY

SERIES	UNIT	4th QUARTER 1995		1995 TOTAL	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE	PERSONS	28,579	-0.9	28,789	0.3
Civilian Employment	PERSONS	25,907	1.8	26,012	3.9
Civilian Unemployment	PERSONS	2,672	-21.5	2,777	-24.0
UNEMPLOYMENT RATE	%	9.4	-2.4 1/	9.6	-3.1 1/
TOTAL JOBS	JOBS	26,717	0.5	26,537	1.6
TOTAL NON-AGR. WAGE & SALARY	JOBS	23,650	0.5	23,505	2.3
Contract Construction	JOBS	1,361	-19.4	1,485	-17.0
Manufacturing	JOBS	550	10.1	520	4.0
Trans., Comm., Utilities	JOBS	1,509	-11.8	1,520	-13.5
Trade	JOBS	6,627	0.9	6,632	8.0
Retail	JOBS	6,113	1.6	6,092	9.2
Finance, Insur., & Real Estate	JOBS	1,400	5.4	1,384	4.5
Services & Miscellaneous	JOBS	8,195	8.0	7,900	7.0
Hotels	JOBS	3,373	15.6	3,135	16.3
Government	JOBS	4,009	-3.1	4,064	-0.5
State	JOBS	2,552	-3.7	2,568	-0.7
Federal	JOBS	398	-3.4	406	-3.2
AGRICULTURE WAGES AND SALARIES	JOBS	1,041	3.5	956	-9.6
AGRICULTURE SELF-EMPLOYED	JOBS	300	12.5	313	11.9
NON-AGR. SELF-EMPLOYED	JOBS	1,726	-4.0	1,763	-2.2
TRANS. ACCOM. TAX REVENUES	\$1,000	2,167	n/a 2/	4,421	n/a 2/
GENERAL EXCISE & USE TAX BASE	\$1,000	239,282	-1.2	1,029,930	-6.6
Retailing Tax Base	\$1,000	79,796	-7.6	348,420	-3.2
Services Tax Base	\$1,000	28,897	-5.2	132,567	-0.1
Contracting Tax Base	\$1,000	34,724	6.7	126,711	-19.5
Hotel Rental Tax Base	\$1,000	13,304	44.7	54,447	40.0
Producing Tax Base	\$1,000	3,161	-42.9	15,140	-20.6
VISITOR ARRIVALS	PERSONS	231,240	6.0	919,520	5.2
Westbound Visitors	PERSONS	200,260	5.6	798,140	9.4
Eastbound Visitors	PERSONS	30,980	8.4	121,380	-15.7
HOTEL OCCUPANCY RATES	%	63.9	-5.2 1/	65.4	-10.6 1/

Notes: n/a = not available.

1/ Represents absolute change in rates rather than percentage change in rates.

2/ Tax exemption to providers of transient accommodations located in natural disaster areas sunsetted after 12/31/94 (Act 129, SLH 1993).

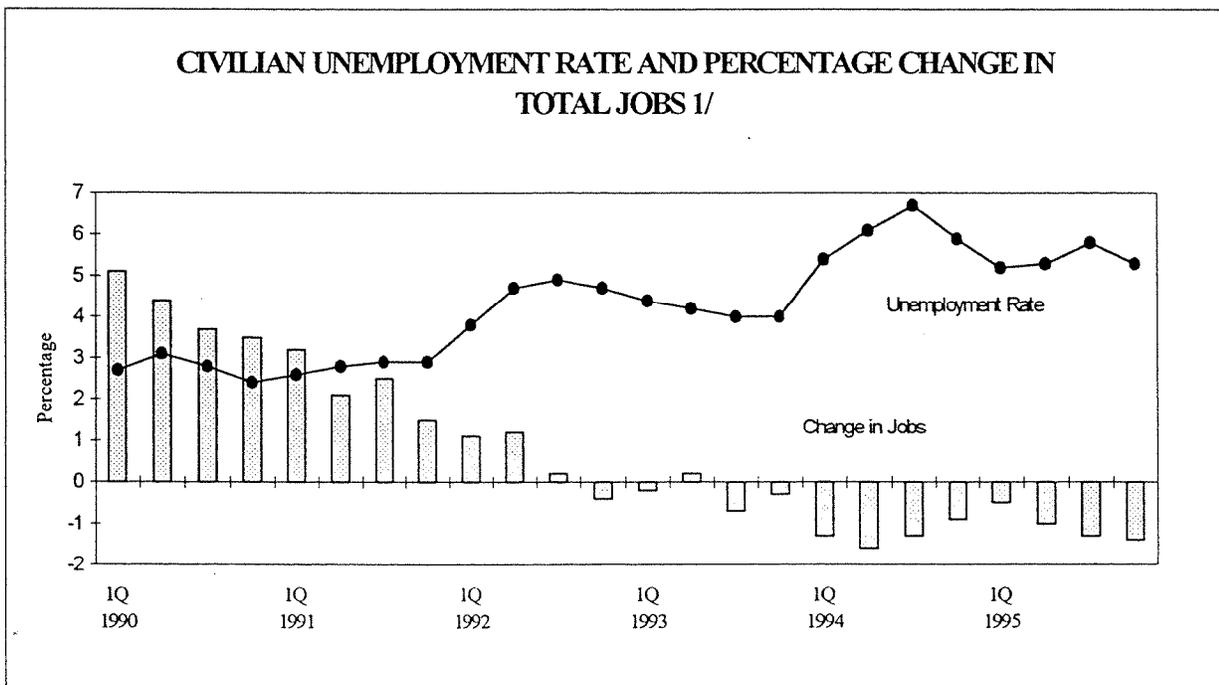
Source: U.S. Bureau of Labor Statistics, Hawaii Dept. of Labor & Industrial Relations, Dept. of Taxation, Hawaii Visitors Bureau, and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

LABOR FORCE AND JOBS

Based on data from the U.S. Bureau of Labor Statistics (BLS), the total number of unemployed persons declined from 34,300 in the 1994 fourth quarter to 30,700 in the 1995 fourth quarter (table A-3). As a result, the State's average unemployment rate for the 1995 fourth quarter was 5.3 percent, as compared to 5.9 percent for the fourth quarter of 1994 (table A-4). For the year as a whole, the unemployment rate fell 0.6 percentage points, from 6.0 percent in 1994 to 5.4 percent in 1995.

The total number of jobs, however, declined 1.4 percentage points in the fourth quarter (table A-5). Thus, data on unem-

ployment rates and jobs send a mixed message about Hawaii's labor market. The unemployment rates are estimated by BLS with household surveys, and the job figures are estimated by the Hawaii Department of Labor and Industrial Relations (DLIR) based on industry surveys. Because of errors in measurement in both surveys, some discrepancy will always exist. Also, data estimated by DLIR are preliminary. Two hypotheses for the declines in both unemployment and total jobs are: (1) a decline in multiple jobholders, and (2) a decline in the labor force either through a "discouraged worker" effect or out-migration.



Note: 1/ Percentage change in total jobs from same period one year ago.
 Source: Research and Economic Analysis Division, DBEDT.

Table A-1
CIVILIAN LABOR FORCE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	432.0	438.0	442.8	443.3	439.0
1981	449.1	451.0	451.3	452.6	451.0
1982	455.3	461.3	463.7	463.7	461.0
1983	469.1	474.0	472.8	472.2	472.0
1984	471.8	473.7	470.8	471.8	472.0
1985	475.3	477.2	478.5	485.0	479.0
1986	485.3	488.9	493.9	499.9	492.0
1987	506.0	513.0	516.3	520.8	514.0
1988	515.4	519.4	519.0	518.2	518.0
1989	519.4	526.7	521.9	528.0	524.0
1990	533.9	540.5	545.1	552.5	543.0
1991	561.4	565.5	570.4	570.6	567.0
1992	572.2	574.7	577.6	579.6	576.0
1993	578.5	578.5	577.8	577.3	578.0
1994	581.5	583.3	584.3	582.9	583.0
1995	580.4	591.4	585.8	583.0	585.2
Percentage Change from the Same Period in Previous Year					
1980	3.3	3.9	5.1	4.7	4.3
1981	4.0	3.0	1.9	2.1	2.7
1982	1.4	2.3	2.7	2.5	2.2
1983	3.0	2.7	2.0	1.8	2.4
1984	0.6	-0.1	-0.4	-0.1	0.0
1985	0.7	0.7	1.6	2.8	1.5
1986	2.1	2.4	3.2	3.1	2.7
1987	4.3	4.9	4.5	4.2	4.5
1988	1.9	1.2	0.5	-0.5	0.8
1989	0.8	1.4	0.6	1.9	1.2
1990	2.8	2.6	4.4	4.6	3.6
1991	5.2	4.6	4.6	3.3	4.4
1992	1.9	1.6	1.3	1.6	1.6
1993	1.1	0.7	0.0	-0.4	0.3
1994	0.5	0.8	1.1	1.0	0.9
1995	-0.2	1.4	0.3	0.0	0.4

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-2
CIVILIAN EMPLOYMENT

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	411.7	417.2	420.2	422.9	418.0
1981	426.4	427.2	427.4	427.1	427.0
1982	426.9	427.9	429.9	435.4	430.0
1983	438.6	440.0	444.1	445.3	442.0
1984	446.1	447.0	442.9	444.0	445.0
1985	449.2	450.4	449.8	458.6	452.0
1986	461.8	464.8	468.2	477.2	468.0
1987	484.3	492.2	494.7	504.9	494.0
1988	500.7	501.3	502.3	503.8	502.0
1989	505.2	512.2	511.8	514.8	511.0
1990	519.1	524.0	529.7	539.2	528.0
1991	546.8	549.5	553.7	554.0	551.0
1992	550.3	547.9	549.5	552.3	550.0
1993	552.8	554.4	554.5	554.2	554.0
1994	550.4	547.5	545.5	548.6	548.0
1995	550.0	560.3	551.8	552.3	553.6
Percentage Change from the Same Period in Previous Year					
1980	5.6	6.3	5.6	5.8	5.8
1981	3.6	2.4	1.7	1.0	2.2
1982	0.1	0.2	0.6	1.9	0.7
1983	2.7	2.8	3.3	2.3	2.8
1984	1.7	1.6	-0.3	-0.3	0.7
1985	0.7	0.8	1.6	3.3	1.6
1986	2.8	3.2	4.1	4.0	3.5
1987	4.9	5.9	5.7	5.8	5.6
1988	3.4	1.9	1.5	-0.2	1.6
1989	0.9	2.2	1.9	2.2	1.8
1990	2.8	2.3	3.5	4.7	3.3
1991	5.3	4.9	4.5	2.8	4.4
1992	0.7	-0.3	-0.8	-0.3	-0.2
1993	0.5	1.2	0.9	0.3	0.7
1994	-0.4	-1.2	-1.6	-1.0	-1.1
1995	-0.1	2.3	1.2	0.7	1.0

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-3
CIVILIAN UNEMPLOYMENT

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	20.3	20.8	22.5	20.4	21.0
1981	22.8	23.8	24.0	25.5	24.0
1982	28.4	33.5	33.9	28.3	31.0
1983	30.5	33.9	28.7	26.9	30.0
1984	25.7	26.6	27.8	27.8	27.0
1985	26.1	26.8	28.7	26.4	27.0
1986	23.5	24.1	25.7	22.7	24.0
1987	21.7	20.9	21.6	15.9	20.0
1988	14.8	18.1	16.7	14.5	16.0
1989	14.2	14.5	10.1	13.3	13.0
1990	14.8	16.5	15.4	13.3	15.0
1991	14.7	16.0	16.7	16.6	16.0
1992	21.8	26.8	28.1	27.3	26.0
1993	25.7	24.1	23.2	23.1	24.0
1994	31.1	35.8	38.8	34.3	35.0
1995	30.4	31.1	34.0	30.7	31.5
Percentage Change from the Same Period in Previous Year					
1980	-28.0	-27.7	-4.1	-13.5	-19.2
1981	12.2	14.5	6.5	24.7	14.3
1982	24.9	40.6	41.2	10.9	29.2
1983	7.2	1.3	-15.2	-4.8	-3.2
1984	-15.5	-21.6	-3.1	3.4	-10.0
1985	1.5	0.8	3.0	-5.0	0.0
1986	-10.1	-10.2	-10.2	-14.1	-11.1
1987	-7.6	-13.4	-16.3	-30.0	-16.7
1988	-32.0	-13.0	-22.6	-9.1	-20.0
1989	-3.8	-20.2	-39.6	-8.0	-18.7
1990	4.1	14.1	52.9	0.2	15.3
1991	-0.6	-3.0	8.3	24.4	6.6
1992	48.6	67.5	68.4	64.3	62.6
1993	17.6	-10.3	-17.4	-15.3	-7.7
1994	21.4	48.6	67.3	48.5	45.8
1995	-2.4	-13.0	-12.4	-10.5	-10.0

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-4
CIVILIAN UNEMPLOYMENT RATE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Percent of the Civilian Labor Force					
1980	4.7	4.8	5.1	4.6	4.8
1981	5.1	5.3	5.3	5.6	5.3
1982	6.3	7.3	7.3	6.1	6.7
1983	6.5	7.2	6.1	5.7	6.3
1984	5.5	5.6	5.9	5.9	5.7
1985	5.5	5.6	6.0	5.4	5.6
1986	4.9	4.9	5.2	4.6	4.9
1987	4.3	4.0	4.2	3.0	3.9
1988	2.9	3.5	3.2	2.8	3.1
1989	2.7	2.7	1.9	2.5	2.5
1990	2.7	3.1	2.8	2.4	2.8
1991	2.6	2.8	2.9	2.9	2.8
1992	3.8	4.7	4.9	4.7	4.5
1993	4.4	4.2	4.0	4.0	4.2
1994	5.4	6.1	6.7	5.9	6.0
1995	5.2	5.3	5.8	5.3	5.4

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-5
TOTAL JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	445.3	449.3	450.0	448.7	448.3
1981	449.6	452.3	450.8	446.8	449.9
1982	445.8	447.8	446.0	444.5	446.0
1983	449.5	452.0	457.2	456.4	453.7
1984	456.4	463.5	460.5	463.9	461.1
1985	465.9	470.4	475.1	481.3	473.2
1986	478.7	483.8	489.0	495.9	486.9
1987	491.6	504.0	508.0	516.2	505.0
1988	514.3	524.4	524.8	534.3	524.5
1989	539.2	550.0	552.4	566.5	552.0
1990	566.5	573.9	572.7	586.4	574.9
1991	584.8	586.2	586.8	595.1	588.2
1992	591.1	593.1	588.0	592.8	591.2
1993	589.9	594.1	584.0	590.8	589.7
1994	582.0	584.5	576.7	585.5	582.1
1995	579.3	578.5	569.0	577.5	576.1
Percentage Change from the Same Period in Previous Year					
1980	4.1	3.5	2.5	2.8	3.3
1981	1.0	0.7	0.2	-0.4	0.4
1982	-0.8	-1.0	-1.1	-0.5	-0.9
1983	0.8	0.9	2.5	2.7	1.7
1984	1.5	2.6	0.7	1.6	1.6
1985	2.1	1.5	3.2	3.8	2.6
1986	2.8	2.8	2.9	3.0	2.9
1987	2.7	4.2	3.9	4.1	3.7
1988	4.6	4.1	3.3	3.5	3.9
1989	4.9	4.9	5.3	6.0	5.3
1990	5.1	4.4	3.7	3.5	4.1
1991	3.2	2.1	2.5	1.5	2.3
1992	1.1	1.2	0.2	-0.4	0.5
1993	-0.2	0.2	-0.7	-0.3	-0.3
1994	-1.3	-1.6	-1.2	-0.9	-1.3
1995	-0.5	-1.0	-1.3	-1.4	-1.0

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-6

NON-AGRICULTURAL WAGE AND SALARY JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	403.1	406.2	403.0	404.1	404.1
1981	406.3	406.9	403.4	402.7	404.8
1982	400.8	401.3	397.4	398.1	399.4
1983	403.6	403.4	407.4	410.5	406.2
1984	409.9	414.7	410.3	415.7	412.7
1985	420.0	423.7	426.9	432.4	425.7
1986	432.8	435.8	438.2	447.5	438.6
1987	451.9	459.0	458.4	470.5	460.0
1988	470.4	476.9	476.7	488.2	478.1
1989	495.5	503.1	504.0	519.3	505.5
1990	520.0	528.6	525.7	539.2	528.4
1991	537.9	537.3	536.1	545.2	539.1
1992	543.1	544.7	538.7	544.7	542.8
1993	540.1	543.4	532.3	539.8	538.9
1994	535.5	538.0	530.5	540.7	536.2
1995	535.5	535.8	525.4	534.0	532.7
Percentage Change from the Same Period in Previous Year					
1980	3.3	2.9	1.6	2.5	2.6
1981	0.8	0.2	0.1	-0.3	0.2
1982	-1.4	-1.4	-1.5	-1.1	-1.3
1983	0.7	0.5	2.5	3.1	1.7
1984	1.6	2.8	0.7	1.3	1.6
1985	2.4	2.2	4.0	4.0	3.2
1986	3.1	2.9	2.6	3.5	3.0
1987	4.4	5.3	4.6	5.2	4.9
1988	4.1	3.9	4.0	3.8	3.9
1989	5.3	5.5	5.7	6.4	5.7
1990	4.9	5.1	4.3	3.8	4.5
1991	3.5	1.6	2.0	1.1	2.0
1992	1.0	1.4	0.5	-0.1	0.7
1993	-0.6	-0.2	-1.2	-0.9	-0.7
1994	-0.9	-1.0	-0.3	0.2	-0.5
1995	0.0	-0.4	-1.0	-1.2	-0.7

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-7
CONSTRUCTION JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	25.0	24.7	23.1	23.0	24.0
1981	23.0	22.3	21.8	20.5	21.9
1982	19.0	18.1	17.4	16.9	17.9
1983	18.1	17.8	17.9	17.5	17.8
1984	17.0	17.0	15.7	13.5	15.8
1985	16.0	17.0	17.9	17.9	17.2
1986	17.4	17.6	19.4	20.2	18.6
1987	20.6	21.2	21.5	21.5	21.2
1988	21.7	23.0	24.0	24.9	23.4
1989	26.5	28.6	30.2	31.5	29.2
1990	30.9	31.4	32.9	34.0	32.3
1991	33.5	33.8	34.0	33.0	33.6
1992	31.2	31.0	31.3	32.6	31.5
1993	32.7	32.7	32.5	31.5	32.3
1994	29.5	29.3	29.5	28.4	29.2
1995	26.5	26.2	26.5	26.4	26.4
Percentage Change from the Same Period in Previous Year					
1980	11.5	8.0	-4.2	-4.9	2.4
1981	-8.1	-9.8	-5.4	-11.0	-8.6
1982	-17.4	-18.8	-20.2	-17.4	-18.5
1983	-4.6	-1.8	2.9	3.4	-0.1
1984	-6.4	-4.7	-12.4	-22.7	-11.5
1985	-5.6	0.0	13.9	31.9	8.8
1986	8.6	3.5	8.5	13.2	8.5
1987	18.6	20.9	10.8	6.4	13.8
1988	5.2	8.5	11.7	16.0	10.4
1989	22.3	24.3	25.6	26.5	24.7
1990	16.6	9.9	9.2	7.8	10.7
1991	8.2	7.5	3.1	-2.9	3.8
1992	-6.8	-8.2	-7.8	-1.2	-6.0
1993	4.7	5.3	3.8	-3.4	2.5
1994	-9.8	-10.3	-9.2	-9.8	-9.7
1995	-10.1	-10.6	-10.2	-7.0	-9.6

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-8
MANUFACTURING JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	23.0	23.5	24.6	22.2	23.3
1981	22.4	23.8	23.9	21.8	23.0
1982	21.6	22.8	23.7	21.6	22.4
1983	22.0	22.3	23.5	21.7	22.4
1984	21.5	22.0	22.5	21.5	21.9
1985	21.4	22.0	22.4	22.0	21.9
1986	21.8	22.3	22.3	21.8	22.0
1987	21.8	21.9	22.0	21.8	21.9
1988	21.8	22.2	22.2	21.7	22.0
1989	21.6	21.4	21.6	21.4	21.5
1990	21.1	21.0	21.1	21.0	21.1
1991	20.6	20.4	20.6	20.3	20.5
1992	19.7	19.6	20.0	19.4	19.7
1993	19.3	19.3	19.4	18.7	19.2
1994	17.8	18.0	17.9	17.4	17.8
1995	16.8	16.9	17.1	16.9	16.9
Percentage Change from the Same Period in Previous Year					
1980	-0.6	-2.2	-4.2	-2.2	-2.4
1981	-2.5	1.2	-2.6	-2.1	-1.5
1982	-3.7	-4.3	-1.0	-0.8	-2.4
1983	1.9	-2.3	-0.8	0.3	-0.3
1984	-2.1	-1.3	-4.2	-0.9	-2.2
1985	-0.7	-0.1	-0.6	2.3	0.2
1986	1.7	1.7	-0.4	-0.8	0.6
1987	0.4	-1.9	-1.2	0.2	-0.6
1988	-0.3	1.4	0.8	-0.5	0.3
1989	-0.7	-3.6	-2.9	-1.6	-2.2
1990	-2.4	-1.9	-1.9	-1.9	-2.0
1991	-2.5	-3.1	-2.4	-3.3	-2.8
1992	-4.3	-3.5	-3.0	-4.4	-3.8
1993	-2.0	-2.0	-3.3	-3.4	-2.6
1994	-7.5	-6.6	-7.5	-7.1	-7.1
1995	-5.8	-6.1	-4.5	-2.9	-5.1

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-9
TRANSPORTATION JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	21.4	21.4	21.4	21.8	21.5
1981	21.3	22.0	22.3	22.0	21.9
1982	21.3	21.4	21.1	21.0	21.2
1983	20.8	20.9	21.3	21.5	21.1
1984	21.5	22.0	22.3	22.7	22.1
1985	22.8	23.4	23.5	23.9	23.4
1986	24.1	24.4	24.6	25.2	24.5
1987	26.0	26.8	27.2	27.6	26.9
1988	27.5	27.8	27.8	28.1	27.8
1989	29.0	29.7	29.9	31.0	29.9
1990	30.9	31.4	31.9	33.2	31.8
1991	32.8	32.4	33.0	33.3	32.9
1992	32.9	33.0	33.1	32.6	32.9
1993	31.5	31.4	31.2	31.1	31.3
1994	31.9	32.3	31.6	31.7	31.9
1995	30.6	30.8	30.6	30.9	30.7
Percentage Change from the Same Period in Previous Year					
1980	1.0	1.5	1.6	1.6	1.4
1981	-0.6	2.7	4.1	1.1	1.8
1982	-0.2	-2.5	-5.3	-4.9	-3.3
1983	-2.0	-2.6	1.1	2.5	-0.3
1984	3.0	5.3	4.6	5.4	4.6
1985	6.1	6.6	5.5	5.3	5.9
1986	5.6	4.2	4.5	5.5	4.9
1987	8.1	9.8	10.9	9.7	9.7
1988	5.6	3.8	1.9	1.8	3.2
1989	5.6	6.9	7.6	10.1	7.6
1990	6.4	5.7	7.0	7.3	6.6
1991	6.2	3.2	3.2	0.2	3.2
1992	0.3	1.9	0.4	-1.9	0.2
1993	-4.1	-4.9	-5.6	-4.6	-4.8
1994	1.1	2.7	1.2	1.8	1.8
1995	-4.0	-4.5	-3.2	-2.5	-3.8

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-10
COMMUNICATION JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	7.0	7.1	7.2	7.3	7.1
1981	7.3	7.4	7.5	7.4	7.4
1982	7.5	7.4	7.5	7.5	7.5
1983	7.5	7.6	7.5	7.5	7.5
1984	7.5	7.6	7.5	7.4	7.5
1985	7.4	7.3	7.3	7.3	7.3
1986	7.1	7.1	7.1	7.1	7.1
1987	7.2	7.3	7.2	7.4	7.3
1988	7.6	7.5	7.5	7.6	7.6
1989	7.3	7.3	7.3	7.3	7.3
1990	7.3	7.4	7.4	7.4	7.4
1991	7.5	7.4	7.3	7.2	7.3
1992	7.0	7.0	6.9	6.8	6.9
1993	6.7	6.5	6.3	6.2	6.4
1994	6.3	6.2	6.2	6.3	6.3
1995	6.2	6.2	6.3	6.2	6.2
Percentage Change from the Same Period in Previous Year					
1980	5.8	5.7	4.9	4.8	5.3
1981	5.3	4.5	4.0	1.6	3.8
1982	2.0	0.0	0.4	2.0	1.1
1983	0.7	1.8	0.2	0.0	0.7
1984	-0.2	0.0	-0.9	-1.1	-0.5
1985	-1.1	-3.1	-1.6	-2.0	-1.9
1986	-5.2	-2.5	-3.4	-2.1	-3.3
1987	1.9	2.3	1.4	3.7	2.4
1988	6.3	3.0	4.4	2.0	3.9
1989	-4.6	-3.3	-2.7	-2.9	-3.4
1990	0.2	1.8	1.6	1.4	1.3
1991	2.5	-0.2	-1.3	-3.1	-0.6
1992	-6.7	-5.4	-6.2	-5.1	-5.8
1993	-3.6	-7.4	-8.5	-9.5	-7.2
1994	-5.9	-4.1	-0.8	1.9	-1.8
1995	-2.1	0.0	1.1	-1.6	-1.6

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-11
UTILITIES JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	2.6	2.6	2.6	2.6	2.6
1981	2.6	2.6	2.6	2.7	2.6
1982	2.6	2.6	2.6	2.6	2.6
1983	2.4	2.4	2.4	2.4	2.4
1984	2.4	2.4	2.4	2.4	2.4
1985	2.4	2.5	2.5	2.5	2.5
1986	2.4	2.6	2.6	2.6	2.6
1987	2.6	2.7	2.7	2.7	2.6
1988	2.7	2.7	2.7	2.7	2.7
1989	2.7	2.8	2.8	2.8	2.8
1990	3.0	3.0	3.0	3.0	3.0
1991	3.0	3.1	3.2	3.2	3.1
1992	3.3	3.4	3.5	3.5	3.4
1993	3.5	3.6	3.6	3.6	3.6
1994	3.6	3.6	3.7	3.7	3.7
1995	3.7	3.8	3.8	3.8	3.8
Percentage Change from the Same Period in Previous Year					
1980	2.0	2.0	0.7	4.0	2.2
1981	2.0	0.7	2.6	1.9	1.8
1982	0.0	-1.3	-2.6	-3.8	-1.9
1983	-6.4	-5.8	-4.6	-4.6	-5.4
1984	-1.4	0.0	-1.4	-1.4	-1.0
1985	1.4	2.1	4.2	4.2	3.0
1986	0.0	4.1	4.0	5.3	3.4
1987	6.9	3.2	2.6	0.6	3.3
1988	1.9	0.0	1.9	1.9	1.4
1989	1.9	5.0	4.3	4.9	4.1
1990	9.9	9.0	6.5	4.1	7.3
1991	2.2	1.6	4.4	7.9	4.0
1992	9.9	10.3	10.1	10.0	10.0
1993	5.0	4.9	3.3	1.9	3.8
1994	2.9	1.4	3.3	3.7	4.1
1995	2.8	5.1	2.7	2.7	2.7

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-12
RETAIL TRADE JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	86.2	86.0	87.0	87.6	86.7
1981	86.7	86.0	86.8	87.4	86.8
1982	86.5	86.3	86.3	86.2	86.3
1983	87.1	86.5	89.4	90.7	88.5
1984	89.8	91.4	92.8	95.8	92.4
1985	95.1	95.9	96.1	97.3	96.1
1986	96.6	96.5	99.4	101.2	98.4
1987	100.8	102.4	103.9	106.4	103.4
1988	104.7	106.8	107.0	108.5	106.7
1989	109.0	110.1	110.6	113.3	110.7
1990	112.0	113.0	113.7	115.3	113.5
1991	113.8	112.5	114.3	114.3	113.7
1992	113.6	113.2	113.7	112.4	113.2
1993	110.0	110.7	111.2	112.4	111.1
1994	110.4	110.1	111.8	114.9	111.8
1995	113.7	113.2	114.6	115.0	114.1
Percentage Change from the Same Period in Previous Year					
1980	2.1	2.1	2.5	3.0	2.4
1981	0.7	0.0	-0.2	-0.1	0.1
1982	-0.2	0.3	-0.6	-1.4	-0.5
1983	0.7	0.2	3.7	5.3	2.5
1984	3.0	5.6	3.8	5.5	4.5
1985	5.9	4.9	3.5	1.6	3.9
1986	1.6	0.6	3.4	4.0	2.4
1987	4.3	6.2	4.6	5.1	5.0
1988	3.9	4.3	2.9	2.0	3.3
1989	4.1	3.0	3.3	4.4	3.7
1990	2.7	2.6	2.8	1.8	2.5
1991	1.6	-0.4	0.5	-0.8	0.2
1992	-0.1	0.6	-0.5	-1.6	-0.4
1993	-3.2	-2.2	-2.2	0.0	-1.9
1994	0.3	-0.6	0.5	2.2	0.6
1995	3.0	2.8	2.5	0.1	2.1

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-13
WHOLESALE TRADE JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	18.5	18.7	18.7	18.5	18.6
1981	18.6	18.6	18.8	18.8	18.7
1982	18.8	18.7	18.5	18.1	18.5
1983	18.3	18.2	18.4	18.7	18.4
1984	18.7	19.0	19.0	19.1	19.0
1985	19.3	19.5	19.8	19.7	19.6
1986	19.2	19.4	19.7	20.0	19.6
1987	20.0	20.4	20.5	20.7	20.4
1988	20.2	20.6	21.1	21.1	20.7
1989	21.5	21.9	21.9	22.2	21.9
1990	21.9	22.3	22.8	22.9	22.5
1991	22.7	22.6	22.7	22.9	22.7
1992	22.7	22.6	22.4	22.4	22.5
1993	22.0	22.1	21.9	21.8	21.9
1994	21.5	21.5	21.6	21.5	21.5
1995	21.6	21.5	21.5	21.5	21.5
Percentage Change from the Same Period in Previous Year					
1980	3.3	2.7	1.4	-0.4	1.8
1981	0.4	-0.4	0.4	1.6	0.5
1982	0.9	0.7	-1.6	-3.7	-0.9
1983	-2.7	-2.9	-0.2	3.1	-0.7
1984	2.3	4.7	3.1	2.1	3.0
1985	3.0	2.6	4.0	3.1	3.2
1986	-0.5	-0.7	-0.3	1.4	0.0
1987	4.3	5.0	3.8	3.8	4.2
1988	1.1	0.9	2.9	2.0	1.7
1989	6.3	6.4	4.1	4.9	5.4
1990	2.3	2.0	4.1	3.5	3.0
1991	3.5	1.3	-0.6	-0.1	1.0
1992	-0.1	0.1	-1.4	-2.3	-0.9
1993	-3.2	-2.1	-2.2	-2.7	-2.6
1994	-2.0	-2.6	-1.5	-1.6	-1.9
1995	0.4	-0.2	-0.2	0.2	-0.1

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-14

FINANCE, INSURANCE AND REAL ESTATE JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	33.4	32.8	32.7	32.4	32.8
1981	31.7	31.7	31.9	31.5	31.7
1982	32.0	31.7	31.3	31.2	31.5
1983	31.7	31.7	32.2	32.0	31.9
1984	32.0	31.9	31.9	31.7	31.9
1985	31.5	31.9	32.0	32.2	31.9
1986	32.6	32.8	33.5	33.8	33.2
1987	33.5	33.8	33.8	33.8	33.7
1988	34.0	34.3	34.6	34.8	34.4
1989	34.7	34.9	35.2	36.2	35.2
1990	35.9	36.8	37.3	37.3	36.8
1991	37.3	37.3	37.5	37.5	37.4
1992	37.2	37.7	38.3	38.6	37.9
1993	38.3	38.8	39.5	39.2	39.0
1994	38.7	38.6	38.5	37.9	38.4
1995	37.2	37.0	37.1	37.2	37.1
Percentage Change from the Same Period in Previous Year					
1980	11.0	5.9	1.5	-0.6	4.3
1981	-5.0	-3.4	-2.5	-2.8	-3.4
1982	0.8	-0.2	-1.9	-1.1	-0.6
1983	-0.9	0.1	2.8	2.7	1.2
1984	0.9	0.7	-1.0	-1.0	-0.1
1985	-1.5	-0.1	0.5	1.6	0.1
1986	3.5	2.7	4.4	5.0	3.9
1987	2.7	3.1	1.1	-0.1	1.7
1988	1.6	1.5	2.4	3.1	2.2
1989	1.9	1.9	1.6	3.9	2.3
1990	3.6	5.3	5.9	3.0	4.4
1991	3.7	1.3	0.6	0.6	1.5
1992	-0.2	1.3	2.0	2.8	1.5
1993	3.1	2.8	3.3	1.6	2.7
1994	1.0	-0.5	-2.6	-3.3	-1.4
1995	-3.9	-4.1	-3.6	-1.8	-3.4

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-15

SERVICES AND MISCELLANEOUS JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	97.4	98.5	98.5	99.4	98.5
1981	103.3	102.7	100.6	101.0	101.9
1982	102.1	101.0	100.5	101.4	101.2
1983	104.0	103.8	105.7	106.4	104.9
1984	107.6	108.7	107.1	108.5	108.0
1985	110.7	110.5	113.8	115.7	112.6
1986	117.3	118.4	118.8	120.4	118.7
1987	123.6	125.2	126.8	130.6	126.5
1988	130.8	131.4	133.6	137.3	133.3
1989	141.5	143.4	146.6	150.0	145.4
1990	152.4	153.3	154.9	157.0	154.4
1991	157.4	157.1	160.2	161.7	159.1
1992	162.9	163.1	164.9	163.4	163.6
1993	163.1	163.1	161.9	162.1	162.6
1994	162.6	163.4	164.2	165.3	163.9
1995	165.0	164.6	164.1	165.5	164.8
Percentage Change from the Same Period in Previous Year					
1980	1.9	3.5	3.9	3.7	3.2
1981	6.0	4.3	2.2	1.6	3.5
1982	-1.2	-1.7	-0.1	0.4	-0.7
1983	1.9	2.8	5.2	4.9	3.7
1984	3.4	4.7	1.4	2.0	2.9
1985	2.9	1.7	6.2	6.6	4.3
1986	6.0	7.1	4.5	4.1	5.4
1987	5.4	5.7	6.7	8.4	6.6
1988	5.8	5.0	5.4	5.1	5.3
1989	8.2	9.2	9.8	9.3	9.1
1990	7.7	6.9	5.6	4.6	6.2
1991	3.3	2.5	3.4	3.0	3.0
1992	3.5	3.8	2.9	1.0	2.8
1993	0.1	0.0	-1.8	-0.8	-0.6
1994	-0.3	0.2	1.4	2.0	0.8
1995	1.5	0.7	-0.1	0.1	0.5

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-16
HOTEL JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Thousands of Persons					
1980	24.8	25.2	24.7	25.0	24.9
1981	24.9	24.5	24.6	25.1	24.8
1982	26.7	26.7	26.3	26.4	26.5
1983	26.6	27.0	27.2	27.3	27.0
1984	28.3	28.4	27.9	28.5	28.3
1985	29.4	28.9	28.8	28.9	29.0
1986	29.1	29.2	29.6	29.2	29.2
1987	30.5	30.5	31.2	32.8	31.2
1988	33.7	33.6	34.4	35.8	34.3
1989	36.8	36.7	37.1	37.5	37.0
1990	37.6	38.5	38.8	40.2	38.8
1991	40.5	39.8	41.3	41.5	40.8
1992	41.5	41.4	40.8	40.2	41.0
1993	38.6	38.1	37.7	37.6	38.0
1994	37.7	37.9	38.1	38.3	38.0
1995	38.1	37.5	37.7	38.1	37.9
Percentage Change from the Same Period in Previous Year					
1980	-0.8	5.3	4.4	4.2	3.2
1981	0.4	-2.8	-0.4	0.4	-0.4
1982	7.2	9.0	6.9	5.2	6.9
1983	-0.4	1.1	3.4	3.4	1.9
1984	6.4	5.2	2.6	4.4	4.8
1985	3.9	1.8	3.2	1.4	2.5
1986	-1.0	1.0	2.8	1.0	0.7
1987	4.8	4.5	5.4	12.3	6.8
1988	10.5	10.2	10.3	9.1	9.9
1989	9.2	9.2	7.8	4.7	7.9
1990	2.2	4.9	4.6	7.2	4.9
1991	7.7	3.4	6.4	3.2	5.2
1992	2.5	4.0	-1.2	-3.1	0.5
1993	-7.0	-8.0	-7.6	-6.5	-7.3
1994	-2.3	-0.5	1.1	1.9	0.0
1995	1.1	-1.1	-1.0	-0.5	-0.3

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-17
FEDERAL GOVERNMENT JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	29.5	30.4	30.1	29.9	30.0
1981	29.9	30.2	30.5	31.0	30.4
1982	30.9	31.5	31.7	32.1	31.5
1983	32.1	32.3	32.1	32.1	32.1
1984	31.7	32.0	32.2	32.6	32.1
1985	32.3	32.3	32.4	32.5	32.4
1986	32.1	32.0	32.0	32.3	32.1
1987	32.1	32.7	32.9	33.4	32.8
1988	33.8	33.7	33.8	34.1	33.8
1989	33.9	33.9	34.0	34.2	34.0
1990	33.9	35.0	34.0	33.7	34.1
1991	33.4	33.5	34.4	34.1	33.9
1992	33.7	33.5	33.1	32.9	33.3
1993	31.8	32.0	31.9	31.7	31.8
1994	31.3	31.6	31.2	30.9	31.2
1995	30.5	30.8	30.8	30.7	30.7
Percentage Change from the Same Period in Previous Year					
1980	-0.1	2.5	1.5	-0.2	0.9
1981	1.3	-0.8	1.3	3.5	1.3
1982	3.3	4.5	3.9	3.6	3.8
1983	3.9	2.3	1.3	0.1	1.9
1984	-1.0	-0.9	0.4	1.6	0.0
1985	1.7	1.2	0.6	-0.3	0.8
1986	-0.5	-1.0	-1.3	-0.7	-0.9
1987	-0.2	2.2	3.0	3.6	2.2
1988	5.4	3.0	2.5	2.0	3.2
1989	0.2	0.7	0.6	0.3	0.5
1990	0.1	3.0	0.2	-1.5	0.4
1991	-1.4	-4.1	1.2	1.2	-0.8
1992	0.8	0.0	-4.0	-3.6	-1.7
1993	-5.6	-4.5	-3.5	-3.7	-4.3
1994	-1.4	-1.3	-2.0	-2.4	-2.0
1995	-2.7	-2.4	-1.4	-0.6	-1.6

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-18

STATE GOVERNMENT JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	46.1	47.1	41.2	46.3	45.2
1981	46.6	47.1	41.1	46.3	45.3
1982	46.4	47.3	41.8	47.0	45.6
1983	47.2	47.6	41.4	47.4	45.9
1984	47.8	48.2	42.3	47.8	46.5
1985	48.5	48.8	43.3	48.9	47.4
1986	49.8	50.2	44.6	50.0	48.6
1987	50.9	51.7	45.5	51.4	49.9
1988	52.4	53.5	47.8	53.8	51.8
1989	54.3	55.3	49.0	55.6	53.6
1990	56.9	59.9	51.3	60.2	57.1
1991	61.8	62.9	53.5	63.0	60.3
1992	64.4	65.7	55.5	64.8	62.6
1993	66.0	68.1	56.8	66.1	64.2
1994	66.5	68.2	58.0	67.3	65.0
1995	67.5	68.6	55.8	63.8	63.9
Percentage Change from the Same Period in Previous Year					
1980	5.3	3.1	0.9	8.0	4.3
1981	1.2	-0.2	-0.2	0.1	0.2
1982	-0.4	0.5	1.7	1.5	0.8
1983	1.5	0.5	-0.8	0.8	0.5
1984	1.4	1.4	2.1	0.9	1.5
1985	1.5	1.2	2.4	2.3	1.8
1986	2.6	2.7	2.8	2.3	2.6
1987	2.3	3.1	2.1	2.8	2.6
1988	2.8	3.4	5.0	4.6	3.9
1989	3.6	3.4	2.6	3.5	3.3
1990	4.8	8.3	4.8	8.1	6.6
1991	8.6	4.9	4.2	4.7	5.6
1992	4.2	4.5	3.9	2.8	3.8
1993	2.6	3.6	2.3	2.1	2.7
1994	0.7	0.2	2.1	1.8	1.2
1995	1.5	0.6	-3.8	-5.2	-1.7

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-19
LOCAL GOVERNMENT JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	13.2	13.3	16.1	13.1	13.9
1981	12.9	12.6	15.6	12.4	13.4
1982	12.2	12.5	15.2	12.7	13.2
1983	12.4	12.6	15.5	12.6	13.3
1984	12.5	12.7	14.7	12.9	13.2
1985	12.7	12.7	16.0	12.7	13.5
1986	12.6	12.7	14.4	12.9	13.1
1987	12.8	13.0	14.5	13.4	13.4
1988	13.4	13.5	14.8	13.7	13.8
1989	13.6	13.8	15.1	13.9	14.1
1990	13.9	14.1	15.3	14.4	14.4
1991	14.3	14.5	15.6	14.7	14.8
1992	14.7	14.9	16.2	15.4	15.3
1993	15.2	15.3	16.2	15.4	15.5
1994	15.4	15.4	16.3	15.4	15.6
1995	16.2	16.2	17.1	16.2	16.4
Percentage Change from the Same Period in Previous Year					
1980	-0.9	-0.6	1.7	13.1	2.9
1981	-2.3	-5.3	-3.4	-5.2	-4.0
1982	-4.9	-0.1	-2.5	2.2	-1.4
1983	1.6	0.3	2.1	-0.4	0.9
1984	0.8	0.8	-5.2	1.8	-0.7
1985	1.2	-0.1	8.6	-1.0	2.4
1986	-0.9	0.1	-9.9	1.6	-2.7
1987	1.9	2.6	0.3	3.6	2.1
1988	4.6	4.1	2.1	2.5	3.3
1989	1.7	1.8	2.0	1.0	1.7
1990	2.0	1.9	1.3	3.6	2.2
1991	3.2	3.1	2.0	2.4	2.7
1992	2.4	2.7	4.0	4.4	3.4
1993	3.4	2.7	0.1	0.5	1.6
1994	1.2	0.9	0.7	-0.2	0.6
1995	5.4	5.2	4.9	5.2	5.0

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-20

AGRICULTURE WAGE AND SALARY JOBS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	10.0	10.9	11.7	10.7	10.8
1981	10.0	12.0	12.8	11.3	11.5
1982	9.9	11.4	12.5	11.3	11.3
1983	9.9	11.3	12.3	11.2	11.2
1984	9.6	11.1	11.9	10.6	10.8
1985	9.8	10.5	11.2	10.1	10.4
1986	9.8	9.9	10.8	10.0	10.1
1987	10.0	10.5	11.3	10.4	10.5
1988	9.7	9.7	10.5	10.0	10.0
1989	9.2	9.7	10.2	9.4	9.6
1990	8.9	9.4	10.4	9.5	9.5
1991	8.8	9.4	10.2	9.9	9.6
1992	9.2	9.3	9.7	9.0	9.3
1993	8.8	8.3	8.8	8.4	8.6
1994	8.0	8.0	8.5	7.6	8.0
1995	7.1	6.9	7.4	7.8	7.3
Percentage Change from the Same Period in Previous Year					
1980	4.6	0.6	-1.3	-1.1	0.5
1981	0.0	9.6	9.4	5.9	6.4
1982	-1.0	-4.7	-1.8	0.1	-1.9
1983	0.7	-1.2	-1.7	-1.0	-0.9
1984	-2.9	-1.9	-3.0	-5.5	-3.3
1985	1.9	-5.0	-5.9	-4.4	-3.5
1986	0.2	-5.6	-3.9	-1.3	-2.7
1987	1.7	5.5	4.6	3.7	3.9
1988	-2.7	-7.3	-7.1	-3.9	-5.3
1989	-5.1	-0.3	-3.3	-5.4	-3.5
1990	-4.1	-3.4	2.6	1.1	-0.9
1991	-0.6	0.0	-2.4	3.8	0.2
1992	4.7	-0.2	-4.9	-9.3	-2.7
1993	-5.1	-10.7	-9.0	-7.0	-8.0
1994	-8.4	-4.0	-3.8	-9.0	-6.0
1995	-11.4	-13.8	-12.6	2.6	-9.2

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-21

SELF-EMPLOYED AGRICULTURE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	4.8	4.6	4.0	4.9	4.6
1981	4.3	4.0	4.4	4.7	4.4
1982	4.0	3.7	3.9	4.4	4.0
1983	3.6	3.6	3.9	4.5	3.9
1984	3.7	3.6	3.9	3.4	3.7
1985	3.4	3.4	3.8	3.5	3.5
1986	3.0	2.9	3.5	3.5	3.2
1987	3.4	3.7	4.1	3.6	3.7
1988	3.5	3.5	3.7	3.8	3.6
1989	3.3	3.5	3.7	3.6	3.5
1990	3.1	3.3	4.0	3.9	3.6
1991	3.8	3.9	4.7	4.6	4.3
1992	4.3	4.4	4.6	4.1	4.3
1993	3.9	3.9	4.1	4.0	4.0
1994	3.8	3.9	3.9	3.8	3.8
1995	3.7	3.7	3.9	4.0	3.8
Percentage Change from the Same Period in Previous Year					
1980	27.2	15.8	-16.0	-8.6	2.4
1981	-10.3	-13.0	8.7	-5.1	-5.4
1982	-6.9	-8.7	-12.2	-7.1	-8.7
1983	-11.6	-2.7	2.2	3.1	-2.2
1984	4.2	0.9	-0.8	-24.2	-6.0
1985	-9.9	-5.5	-3.4	1.5	-4.4
1986	-11.0	-16.6	-8.4	1.4	-8.6
1987	12.9	28.1	18.8	3.3	15.2
1988	3.0	-5.5	-11.0	4.1	-2.7
1989	-4.8	1.0	1.4	-4.9	-1.8
1990	-7.1	-4.3	8.1	9.8	1.9
1991	23.3	18.0	18.3	17.4	19.1
1992	12.3	12.7	-3.5	-12.3	1.4
1993	-8.6	-12.4	-10.2	-1.7	-8.4
1994	-2.1	-0.8	-4.9	-5.8	-3.5
1995	-3.9	-3.9	0.0	6.7	-0.7

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-22

SELF-EMPLOYED NON-AGRICULTURE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	27.2	27.6	29.4	29.0	28.3
1981	29.0	29.5	30.1	28.0	29.1
1982	31.2	31.4	32.2	30.5	31.3
1983	32.4	33.5	33.2	30.1	32.3
1984	33.0	34.1	34.0	32.8	33.5
1985	32.5	32.6	33.2	35.3	33.4
1986	33.0	35.1	36.5	34.3	34.7
1987	26.3	30.8	34.1	31.7	30.7
1988	30.6	34.3	33.8	32.2	32.7
1989	31.2	33.7	34.5	34.2	33.4
1990	32.1	32.6	32.5	33.7	32.7
1991	34.3	35.6	35.8	35.4	35.3
1992	34.6	34.7	35.0	35.0	34.8
1993	37.2	38.5	38.8	38.7	38.3
1994	34.5	34.6	33.8	33.4	34.1
1995	33.0	32.1	32.3	31.8	32.3
Percentage Change from the Same Period in Previous Year					
1980	13.6	12.6	16.4	22.2	16.2
1981	6.6	6.9	2.4	-3.5	3.0
1982	7.4	6.6	6.9	9.1	7.4
1983	4.0	6.9	3.1	-1.3	3.2
1984	1.8	1.8	2.3	8.9	3.6
1985	-1.4	-4.6	-2.3	7.7	-0.2
1986	1.6	7.7	10.0	-2.8	4.0
1987	-20.4	-12.3	-6.6	-7.8	-11.6
1988	16.4	11.4	-0.8	1.7	6.6
1989	2.1	-1.7	2.1	6.1	2.1
1990	2.9	-3.3	-5.8	-1.3	-2.0
1991	6.7	9.1	10.0	5.1	7.7
1992	0.8	-2.5	-2.1	-1.1	-1.3
1993	7.5	11.0	10.7	10.4	9.9
1994	-7.2	-10.2	-12.8	-13.6	-11.0
1995	-4.3	-7.1	-4.4	-4.8	-5.2

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-23
LABOR DISPUTES

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	0.1	0.1	1.8	0.0	0.5
1981	0.1	0.0	0.2	0.1	0.1
1982	0.0	0.1	0.1	0.2	0.1
1983	0.0	0.1	0.4	0.1	0.1
1984	0.2	0.0	0.4	1.4	0.5
1985	0.2	0.2	0.0	0.1	0.1
1986	0.1	0.1	0.1	0.6	0.2
1987	0.1	0.1	0.1	0.1	0.1
1988	0.1	0.1	0.1	0.2	0.1
1989	0.0	0.0	0.0	0.0	0.0
1990	2.5	0.0	0.0	0.0	0.6
1991	0.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.1	0.0
1994	0.1	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0
Percentage Change from the Same Period in Previous Year					
1980	75.0	-81.2	n/a	n/a	-27.9
1981	-57.3	-100.0	-91.7	n/a	-84.9
1982	-100.0	n/a	-66.7	117.0	5.3
1983	n/a	166.0	634.0	-69.1	79.7
1984	n/a	-100.0	-4.6	1940.3	228.9
1985	55.3	n/a	-95.1	-96.3	-74.9
1986	-78.5	-40.1	388.2	1166.0	85.5
1987	0.0	-50.0	-19.3	-92.1	-75.1
1988	0.0	0.0	74.6	234.0	77.8
1989	-100.0	-100.0	-100.0	-80.2	-91.7
1990	n/a	n/a	n/a	-100.0	7712.5
1991	-100.0	-100.0	-100.0	n/a	-100.0
1992	n/a	n/a	n/a	n/a	n/a
1993	n/a	n/a	n/a	n/a	n/a
1994	n/a	n/a	-100.0	-100.0	147.1
1995	-100.0	-100.0	n/a	n/a	-100.0

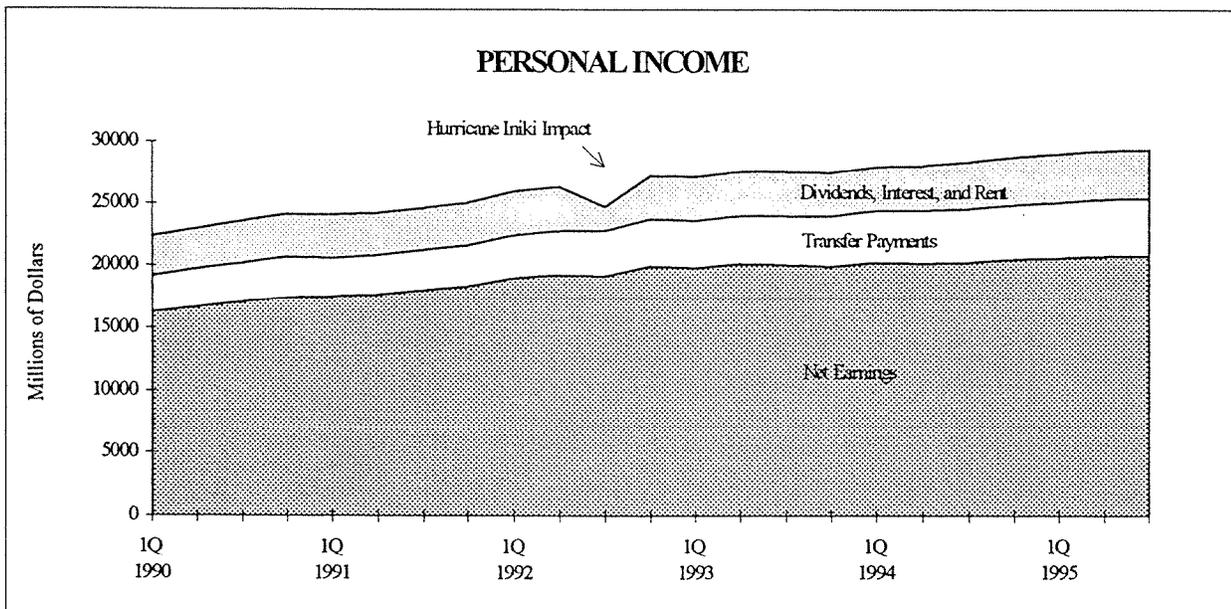
Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

INCOME AND PRICES

Personal income continued to grow slightly faster than the Honolulu Consumer Price Index. The latest 1995 data indicate that personal income increased 3.7 percent from the third quarter of 1994 to the third quarter of 1995 (table B-1). As mentioned earlier, the inflation rate at the consumer level was only 2.2 percent in 1995 (table B-

9). Personal income growth was mainly due to an increase in rents, dividends, and interests (5.1 percent), and transfer payments (7.3 percent). Income derived from salaries and wages increased by only 2.4 percent, slightly more than the increase in consumer prices (table B-1).



Note: Net Earnings = Total Wage and Salaries + Other Labor Income + Proprietors' Income - Contribution to Social Insurance.
 Source: Research and Economic Analysis Division, DBEDT.

Table B-1

PERSONAL INCOME FOR HAWAII BY MAJOR SOURCES

Series	1994	2nd Q 1995	3rd Q 1995	Percentage Change from Previous Year		
				1994	2nd Q 1995	3rd Q 1995
Derivation of Personal Income:						
Wage and salary disbursements	16,793	17,096	17,124	1.0	2.4	2.4
Plus: Other labor income	1,862	1,935	1,935	4.4	4.8	3.8
Plus: Proprietors' income	3,011	3,123	3,143	4.7	4.4	3.7
Total earnings	21,665	22,153	22,201	1.7	2.9	2.7
Less: Personal contrib. for social insur.	1,290	1,326	1,326	3.6	3.5	2.9
Net earnings	20,375	20,827	20,875	1.7	2.9	2.7
Plus: Dividends, interest, rent	3,716	3,977	3,966	5.4	8.4	5.1
Plus: Transfer payments	4,244	4,543	4,601	8.6	7.9	7.3
Personal income	28,335	29,347	29,441	3.2	4.3	3.7
Total Earnings by Industry:						
Farm	229	232	236	2.2	1.3	3.1
Nonfarm	21,437	21,921	21,966	1.8	2.9	2.7
Private	16,127	16,558	16,670	1.8	3.8	3.4
Agriculture forestry, fish., other	148	149	154	1.4	2.8	4.8
Mining	18	21	22	-5.3	23.5	22.2
Construction	1,703	1,533	1,538	-5.9	-8.4	-11.9
Manufacturing	934	934	940	1.0	-0.6	0.0
Transp., comm., utilities	1,792	1,893	1,911	1.6	5.5	8.1
Wholesale trade	806	811	816	0.2	0.9	1.5
Retail trade	2,834	2,938	2,948	3.8	4.7	4.3
Finance, insur., real estate	1,497	1,609	1,619	-3.1	9.0	11.8
Services	6,395	6,669	6,723	4.9	5.8	4.6
Government & Govt. Enterprises	5,310	5,363	5,295	1.8	0.5	0.4
Federal civilian	1,253	1,287	1,304	2.9	1.4	5.2
Federal military	1,528	1,499	1,478	-1.9	-2.5	-3.7
State and local	2,530	2,577	2,513	3.6	1.8	0.6

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B-2
PERSONAL INCOME

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Millions of Dollars					
1980	10,148	10,126	10,501	10,950	10,431
1981	10,951	11,103	11,390	11,527	11,243
1982	11,563	11,889	12,108	12,171	11,933
1983	12,805	12,905	13,182	13,575	13,117
1984	13,531	13,928	14,132	14,284	13,969
1985	14,547	14,767	15,010	15,317	14,910
1986	15,590	15,841	16,283	16,505	16,055
1987	16,619	16,968	17,338	17,804	17,182
1988	18,298	18,661	19,040	19,696	18,924
1989	20,223	20,723	21,180	21,701	20,957
1990	22,346	22,995	23,576	24,149	23,267
1991	24,101	24,288	24,679	25,110	24,545
1992	25,993	26,364	24,782	27,263	26,101
1993	27,195	27,587	27,568	27,515	27,466
1994	28,024	28,125	28,395	28,797	28,335
1995	29,087	29,347	29,441	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	16.7	13.2	13.7	15.6	14.8
1981	7.9	9.6	8.5	5.3	7.8
1982	5.6	7.1	6.3	5.6	6.1
1983	10.7	8.5	8.9	11.5	9.9
1984	5.7	7.9	7.2	5.2	6.5
1985	7.5	6.0	6.2	7.2	6.7
1986	7.2	7.3	8.5	7.8	7.7
1987	6.6	7.1	6.5	7.9	7.0
1988	10.1	10.0	9.8	10.6	10.1
1989	10.5	11.0	11.2	10.2	10.7
1990	10.5	11.0	11.3	11.3	11.0
1991	7.9	5.6	4.7	4.0	5.5
1992	7.9	8.5	0.4	8.6	6.3
1993	4.6	4.6	11.2	0.9	5.2
1994	3.0	2.0	3.0	4.7	3.2
1995	3.8	4.3	3.7	n/a	n/a

Note: n/a = not available.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B-3
TOTAL WAGE AND SALARIES

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	6,530	6,562	6,693	6,920	6,676
1981	7,029	7,141	7,218	7,357	7,186
1982	7,411	7,537	7,700	7,836	7,621
1983	8,008	8,078	8,079	8,320	8,121
1984	8,399	8,614	8,654	8,711	8,595
1985	8,940	9,077	9,224	9,397	9,160
1986	9,486	9,600	9,812	10,070	9,742
1987	10,262	10,520	10,794	11,119	10,674
1988	11,433	11,604	11,774	12,190	11,750
1989	12,467	12,820	13,176	13,527	12,998
1990	13,865	14,287	14,627	15,011	14,448
1991	15,084	15,169	15,441	15,657	15,338
1992	16,073	16,261	16,356	16,780	16,368
1993	16,529	16,854	16,672	16,428	16,621
1994	16,808	16,688	16,730	16,945	16,793
1995	16,988	17,096	17,124	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	12.7	10.4	10.2	11.4	11.2
1981	7.6	8.8	7.8	6.3	7.6
1982	5.4	5.5	6.7	6.5	6.1
1983	8.1	7.2	4.9	6.2	6.6
1984	4.9	6.6	7.1	4.7	5.8
1985	6.4	5.4	6.6	7.9	6.6
1986	6.1	5.8	6.4	7.2	6.4
1987	8.2	9.6	10.0	10.4	9.6
1988	11.4	10.3	9.1	9.6	10.1
1989	9.0	10.5	11.9	11.0	10.6
1990	11.2	11.4	11.0	11.0	11.2
1991	8.8	6.2	5.6	4.3	6.2
1992	6.6	7.2	5.9	7.2	6.7
1993	2.8	3.6	1.9	-2.1	1.5
1994	1.7	-1.0	0.3	3.1	1.0
1995	1.1	2.4	2.4	n/a	n/a

Note: n/a = not available.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B-4
OTHER LABOR INCOME

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	500	520	539	547	527
1981	566	574	578	590	577
1982	607	631	657	680	644
1983	691	693	699	729	703
1984	744	773	776	777	768
1985	777	775	781	791	781
1986	817	850	888	925	870
1987	895	911	925	956	922
1988	985	994	1,019	1,064	1,016
1989	1,095	1,139	1,182	1,216	1,158
1990	1,259	1,290	1,329	1,383	1,315
1991	1,433	1,473	1,529	1,565	1,500
1992	1,602	1,638	1,667	1,683	1,648
1993	1,761	1,779	1,793	1,800	1,783
1994	1,848	1,846	1,864	1,888	1,862
1995	1,910	1,935	1,935	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	16.3	17.6	18.5	16.1	17.1
1981	13.2	10.4	7.2	7.9	9.5
1982	7.2	9.9	13.7	15.3	11.6
1983	13.8	9.8	6.4	7.2	9.2
1984	7.7	11.5	11.0	6.6	9.2
1985	4.4	0.3	0.6	1.8	1.7
1986	5.1	9.7	13.7	16.9	11.4
1987	9.5	7.2	4.2	3.4	6.0
1988	10.1	9.1	10.2	11.3	10.2
1989	11.2	14.6	16.0	14.3	14.0
1990	15.0	13.3	12.4	13.7	13.6
1991	13.8	14.2	15.0	13.2	14.1
1992	11.8	11.2	9.0	7.5	9.8
1993	9.9	8.6	7.6	7.0	8.2
1994	4.9	3.8	4.0	4.9	4.4
1995	3.4	4.8	3.8	n/a	n/a

Note: n/a = not available.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B-5
PROPRIETORS' INCOME

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	917	829	921	1,013	920
1981	783	722	736	715	739
1982	691	833	834	866	806
1983	1,014	942	1,127	1,179	1,066
1984	998	1,096	1,157	1,181	1,108
1985	1,174	1,210	1,258	1,344	1,247
1986	1,399	1,421	1,596	1,543	1,490
1987	1,550	1,579	1,620	1,665	1,604
1988	1,768	1,900	1,986	2,094	1,937
1989	2,148	2,221	2,228	2,205	2,210
1990	2,177	2,180	2,204	2,185	2,187
1991	2,160	2,221	2,273	2,310	2,241
1992	2,583	2,625	2,386	2,776	2,593
1993	2,810	2,846	2,880	2,966	2,876
1994	2,967	2,992	3,031	3,054	3,011
1995	3,094	3,123	3,143	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	45.1	25.6	31.4	46.6	37.5
1981	-14.6	-12.9	-20.1	-29.4	-19.7
1982	-11.7	15.4	13.3	21.1	9.1
1983	46.7	13.1	35.1	36.1	32.3
1984	-1.6	16.3	2.7	0.2	3.9
1985	17.6	10.4	8.7	13.8	12.5
1986	19.2	17.4	26.9	14.8	19.5
1987	10.8	11.1	1.5	7.9	7.7
1988	14.1	20.3	22.6	25.8	20.8
1989	21.5	16.9	12.2	5.3	14.1
1990	1.4	-1.8	-1.1	-0.9	-1.0
1991	-0.8	1.9	3.1	5.7	2.5
1992	19.6	18.2	5.0	20.2	15.7
1993	8.8	8.4	20.7	6.8	10.9
1994	5.6	5.1	5.2	3.0	4.7
1995	4.3	4.4	3.7	n/a	n/a

Note: n/a = not available.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B-6
DIVIDENDS, INTEREST, AND RENT

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	1,417	1,411	1,413	1,505	1,437
1981	1,608	1,678	1,785	1,793	1,716
1982	1,787	1,801	1,781	1,589	1,740
1983	1,869	1,917	1,981	2,042	1,952
1984	2,094	2,154	2,243	2,285	2,194
1985	2,302	2,330	2,343	2,377	2,338
1986	2,441	2,500	2,501	2,220	2,188
1987	2,450	2,467	2,501	2,563	2,495
1988	2,591	2,636	2,728	2,819	2,694
1989	2,919	2,980	2,973	3,033	2,976
1990	3,149	3,238	3,363	3,440	3,298
1991	3,487	3,427	3,397	3,430	3,435
1992	3,510	3,554	1,971	3,443	3,120
1993	3,555	3,502	3,522	3,518	3,524
1994	3,562	3,668	3,772	3,863	3,716
1995	3,948	3,977	3,966	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	23.3	18.4	14.0	12.2	17.4
1981	13.5	18.9	26.3	19.1	19.4
1982	11.1	7.3	-0.2	-11.4	1.4
1983	4.6	6.4	11.2	28.5	12.2
1984	12.0	12.4	13.2	11.9	12.4
1985	9.9	8.2	4.5	4.0	6.6
1986	6.0	7.3	6.7	-6.6	-6.4
1987	0.4	-1.3	0.0	15.5	14.0
1988	5.8	6.9	9.1	10.0	8.0
1989	12.7	13.1	9.0	7.6	10.5
1990	7.9	8.7	13.1	13.4	10.8
1991	10.7	5.8	1.0	-0.3	4.2
1992	0.7	3.7	-42.0	0.4	-9.2
1993	1.3	-1.5	78.7	2.2	13.0
1994	0.2	4.7	7.1	9.8	5.4
1995	10.8	8.4	5.1	n/a	n/a

Note: n/a = not available.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B-7

TRANSFER PAYMENTS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	1,215	1,233	1,370	1,410	1,307
1981	1,457	1,486	1,578	1,588	1,527
1982	1,605	1,637	1,699	1,767	1,677
1983	1,805	1,850	1,864	1,886	1,851
1984	1,902	1,913	1,924	1,950	1,922
1985	2,019	2,039	2,073	2,084	2,054
1986	2,145	2,178	2,208	2,220	2,188
1987	2,201	2,244	2,266	2,287	2,250
1988	2,373	2,390	2,409	2,434	2,402
1989	2,509	2,539	2,618	2,731	2,599
1990	2,942	3,058	3,139	3,241	3,095
1991	3,072	3,137	3,195	3,313	3,179
1992	3,424	3,498	3,619	3,793	3,584
1993	3,782	3,865	3,948	4,035	3,908
1994	4,127	4,212	4,287	4,348	4,244
1995	4,466	4,543	4,601	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	13.4	12.2	17.6	19.1	15.7
1981	19.9	20.5	15.2	12.6	16.8
1982	10.2	10.2	7.7	11.3	9.8
1983	12.5	13.0	9.7	6.7	10.4
1984	5.4	3.4	3.2	3.4	3.8
1985	6.2	6.6	7.7	6.9	6.9
1986	6.2	6.8	6.5	6.5	6.5
1987	2.6	3.0	2.6	3.0	2.8
1988	7.8	6.5	6.3	6.4	6.8
1989	5.7	6.2	8.7	12.2	8.2
1990	17.3	20.4	19.9	18.7	19.1
1991	4.4	2.6	1.8	2.2	2.7
1992	11.5	11.5	13.3	14.5	12.7
1993	10.5	10.5	9.1	6.4	9.0
1994	9.1	9.0	8.6	7.8	8.6
1995	8.2	7.9	7.3	n/a	n/a

Note: n/a = not available.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B-8
CONTRIBUTION TO SOCIAL INSURANCE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	431	429	435	445	435
1981	491	497	504	516	502
1982	538	551	563	567	555
1983	582	576	568	581	577
1984	605	622	622	618	617
1985	664	665	668	676	668
1986	699	707	721	736	716
1987	740	753	768	785	762
1988	852	864	875	905	874
1989	951	976	996	1,011	984
1990	1,045	1,059	1,086	1,111	1,075
1991	1,135	1,138	1,156	1,165	1,149
1992	1,201	1,211	1,216	1,213	1,210
1993	1,242	1,259	1,246	1,231	1,245
1994	1,287	1,281	1,289	1,301	1,290
1995	1,318	1,326	1,326	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	14.6	10.6	9.6	10.1	11.3
1981	13.9	15.9	15.9	16.0	15.4
1982	9.6	10.9	11.7	9.9	10.6
1983	8.2	4.5	0.9	2.5	4.0
1984	4.0	8.0	9.5	6.4	6.9
1985	9.8	6.9	7.4	9.4	8.3
1986	5.3	6.3	7.9	8.9	7.2
1987	5.9	6.5	6.5	6.7	6.4
1988	15.1	14.7	13.9	15.3	14.7
1989	11.6	13.0	13.8	11.7	12.6
1990	9.9	8.5	9.0	9.9	9.2
1991	8.6	7.5	6.4	4.9	6.8
1992	5.8	6.4	5.2	4.1	5.4
1993	3.4	4.0	2.5	1.5	2.8
1994	3.6	1.7	3.5	5.7	3.6
1995	2.4	3.5	2.9	n/a	n/a

Note: n/a = not available.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B-9

**CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U),
AND SELECTED ITEMS, FOR HONOLULU: 1981 to 1994 [1982-84=100]**

<i>Period</i>	<i>All Items</i>	<i>Food & Beverages</i>	<i>Housing 1/</i>	<i>Apparel & Upkeep</i>	<i>Transportation</i>	<i>Medical Care</i>	<i>Entertainment</i>	<i>All Other</i>
1980	83.0	84.2	83.2	89.8	86.6	73.1	78.2	73.3
1981	91.7	92.6	92.3	94.5	95.7	81.8	87.2	81.5
1982	97.2	96.9	98.0	98.4	99.0	91.6	95.7	92.0
1983	99.3	99.5	98.9	101.4	98.2	101.1	100.0	101.4
1984	103.5	103.6	103.1	100.2	102.9	107.3	104.3	106.6
1985	106.8	107.8	106.0	99.6	104.9	113.2	111.9	112.5
1986	109.4	110.0	108.4	99.8	105.2	122.3	113.2	119.6
1987	114.9	114.1	115.0	102.5	109.7	127.9	118.6	129.7
1988	121.7	120.3	123.0	106.8	116.1	132.5	122.9	137.1
1989	128.7	128.1	131.1	104.3	123.9	139.3	124.3	146.1
1990	138.1	137.8	141.5	107.0	131.1	154.2	128.4	160.4
1991	148.0	145.9	152.8	110.5	139.3	171.3	134.3	175.7
1992	155.1	148.5	161.7	114.2	147.4	182.6	136.3	189.0
1993	160.1	152.9	166.6	116.5	150.5	197.4	138.4	200.1
1994	164.5	153.4	177.6	118.7	156.4	206.0	142.3	209.6
1995	168.1	156.8	174.7	117.5	162.4	209.8	144.2	216.8
1995:								
1st half	166.9	156.5	173.4	118.1	160.0	207.8	142.9	214.4
2nd half	169.4	157.1	176.0	116.9	164.9	211.8	145.5	219.2
Percentage Change from the Same Period in Previous Year								
1981	10.5	10.0	10.9	5.2	10.5	11.9	11.5	11.2
1982	6.0	4.6	6.2	4.1	3.4	12.0	9.7	12.9
1983	2.2	2.7	0.9	3.0	-0.8	10.4	4.5	10.2
1984	4.2	4.1	4.2	-1.2	4.8	6.1	4.3	5.1
1985	3.2	4.1	2.8	-0.6	1.9	5.5	7.3	5.5
1986	2.4	2.0	2.3	0.2	0.3	8.0	1.2	6.3
1987	5.0	3.7	6.1	2.7	4.3	4.6	4.8	8.4
1988	5.9	5.4	7.0	4.2	5.8	3.6	3.6	5.7
1989	5.8	6.5	6.6	-2.3	6.7	5.1	1.1	6.6
1990	7.3	7.6	7.9	2.6	5.8	10.7	3.3	9.8
1991	7.2	5.9	8.0	3.3	6.3	11.1	4.6	9.5
1992	4.8	1.8	5.8	3.3	5.8	6.6	1.5	7.6
1993	3.2	3.0	3.0	2.0	2.1	8.1	1.5	5.9
1994	2.7	0.3	6.6	1.9	3.9	4.4	2.8	4.7
1995	2.2	2.2	1.8	-1.0	3.8	1.8	1.3	3.4
1995:								
1st half	2.1	3.2	1.8	-0.8	2.6	1.6	0.9	3.3
2nd half	2.2	1.2	1.9	-1.1	5.2	2.1	1.7	3.5

Notes: Honolulu CPI is normally released twice a year in February and August.

1/ Change in definition in 1983--rental equivalence for homeowners (what owners would have to pay if they rented their homes).

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

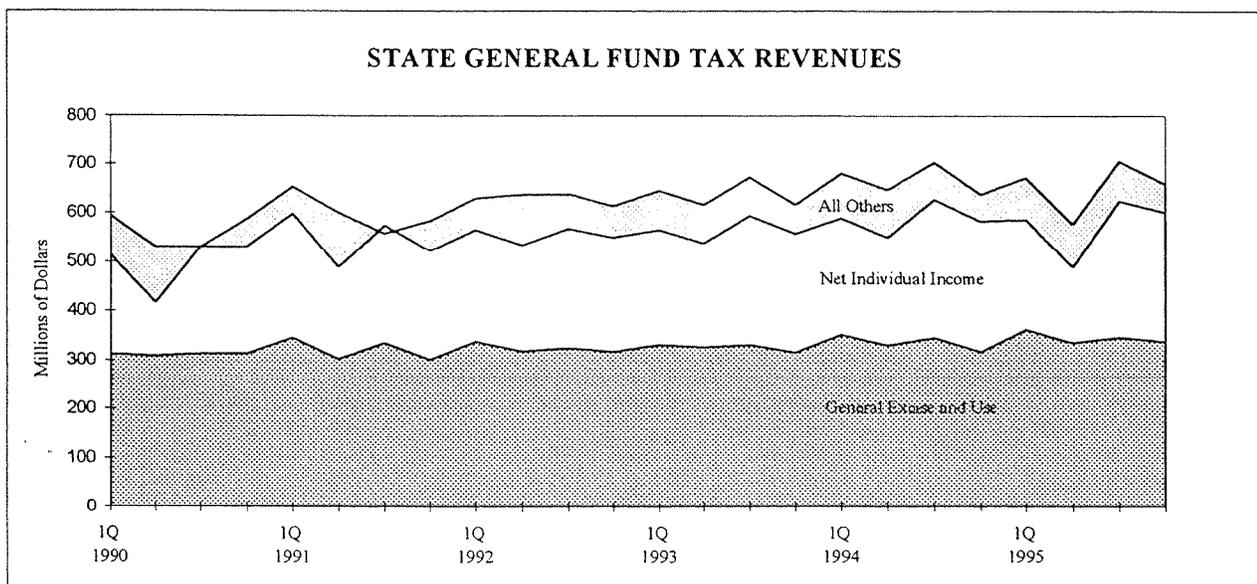
TAX BASE AND REVENUES

The 1995 fourth quarter general excise and use tax revenues grew at 6.6 percent over the year earlier—the fastest quarter of growth since the 1991 third quarter (table C-3). For all of 1995, general excise and use tax collections were \$1,368.7 million, an increase of 2.9 percent from the 1994 figure. Following five years of double-digit increases, general excise tax revenues grew at a much slower rate than the Honolulu Consumer Price Index starting in 1991. The growth in tax revenues has been consistent with the annual growth rate of the economy as a whole. From 1986–1990, the average annual growth in inflation-adjusted Gross State Product was 4.6 percent, while from 1991–1995, it was only 0.3 percent.

General Fund tax revenues increased by 3.2 percent from the fourth quarter of 1994 to the fourth quarter of 1995 (table C-2). However, for the first six months of 1995, tax revenues distributed to the General Fund were lower than that of the same period in

1994, primarily because of a decline in net individual income tax collections. This was partly due to a change in the state withholding tax in 1994 that resulted in higher withholdings on wages, and subsequently, higher state income tax refunds in March-May 1995 when the Department of Taxation processed the 1994 income tax returns.

The Transient Accommodation Tax (TAT) revenues grew 14.8 percent in the fourth quarter over the year earlier, continuing double-digit increases since the third quarter of 1994 (table C-6). Much of this increase was due to a rise in the tax rate from 5.0 percent to 6.0 percent starting in the second half of 1994. Higher room rates and the expiration of tax exemptions for Kauai's hotels in January 1995 also contributed to the increase in TAT in 1995. For 1995 as a whole, TAT revenues were \$105.6 million, an increase of 22.1 percent from the 1994 figure.



Source: Research and Economic Analysis Division, DBEDT.

Table C-1

GENERAL FUND TAX REVENUES AND MAJOR COMPONENTS

Year	<i>General Excise and Use Tax 1/</i>	<i>Net Individual Income Tax 2/</i>	<i>Net Corporate Income Tax 3/</i>	<i>Tax Revenues Distributed to State General Fund</i>
In Thousands of Dollars				
1990	1,250,204	743,114	86,268	2,246,752
1991	1,287,818	900,963	70,568	2,397,289
1992	1,299,813	922,205	42,736	2,523,672
1993	1,308,797	951,403	22,237	2,555,914
1994	1,347,943	1,003,477	34,226	2,672,293
1995	1,386,685	918,809	37,337	2,614,713
1994 1 Qtr.	353,369	236,377	10,452	681,253
2 Qtr.	330,321	220,303	26,213	647,987
3 Qtr.	345,770	281,470	9,133	703,935
4 Qtr.	318,483	265,326	-11,572	639,118
1995 1 Qtr.	363,101	224,594	12,869	671,365
2 Qtr.	335,907	154,310	19,818	577,802
3 Qtr.	348,033	277,057	12,030	705,998
4 Qtr.	339,644	262,848	-7,380	659,548
Percentage Change from the Same Period in Previous Year				
1991	3.0	21.2	-18.2	6.7
1992	0.9	2.4	-39.4	5.3
1993	0.7	3.2	-48.0	1.3
1994	3.0	5.5	54.1	4.6
1995	2.9	-8.4	9.1	-2.2
1994 1 Qtr.	6.2	1.1	59.1	5.4
2 Qtr.	0.9	3.9	95.9	5.0
3 Qtr.	4.0	7.0	-32.6	4.4
4 Qtr.	0.8	9.2	3.6	3.4
1995 1 Qtr.	2.8	-5.0	23.1	-1.5
2 Qtr.	1.7	-29.9	-24.4	-10.8
3 Qtr.	0.6	-1.6	31.9	0.3
4 Qtr.	6.6	-0.9	-36.5	3.2

Notes: This series represents data as reported by the Department of Taxation, without adjustment.

1/ Manufactured goods shipped out of state have been exempted from the general excise tax by Act 239, SLH 1987, effective January 1, 1988.

2/ Declaration of estimated taxes, plus payments with returns, plus withholding tax on wages, less refunds.

3/ Declaration of estimated taxes, plus payments with returns, less refunds.

Source: Hawaii State Department of Taxation.

Table C-2

STATE GENERAL FUND TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Millions of Dollars					
1980	239.5	270.1	254.9	244.1	1,008.8
1981	244.4	294.4	270.9	261.2	1,070.9
1982	248.4	219.1	284.3	259.5	1,011.5
1983	267.9	270.7	295.5	275.7	1,109.9
1984	293.3	313.7	317.3	316.0	1,240.3
1985	315.0	344.4	344.6	321.6	1,325.7
1986	347.1	393.1	377.6	368.5	1,486.5
1987	400.5	461.7	430.0	438.9	1,731.2
1988	466.0	514.5	483.6	484.9	1,949.2
1989	554.2	593.1	441.0	568.6	2,157.0
1990	595.9	530.4	531.2	589.0	2,246.7
1991	654.2	600.8	557.6	584.7	2,397.8
1992	629.7	638.9	640.2	614.8	2,523.7
1993	646.2	617.4	674.2	618.1	2,555.9
1994	681.3	647.9	703.9	639.1	2,672.3
1995	671.4	577.8	706.0	659.5	2,614.7
Percentage Change from the Same Period in Previous Year					
1980	13.5	11.8	16.9	11.2	13.3
1981	2.0	9.0	6.3	7.0	6.2
1982	1.6	-25.6	4.9	-0.7	-5.5
1983	7.9	23.6	3.9	6.2	9.7
1984	9.5	15.9	7.4	14.6	11.7
1985	7.4	9.8	8.6	1.8	6.9
1986	10.2	14.1	9.6	14.6	12.1
1987	15.4	17.5	13.9	19.1	16.5
1988	16.4	11.4	12.5	10.5	12.6
1989	18.9	15.3	-8.8	17.3	10.7
1990	7.5	-10.6	20.5	3.6	4.2
1991	9.8	13.3	5.0	-0.7	6.7
1992	-3.7	6.3	14.8	5.1	5.3
1993	2.6	-3.4	5.3	0.5	1.3
1994	5.4	4.9	4.4	3.4	4.6
1995	-1.5	-10.8	0.3	3.2	-2.2

Source: Hawaii State Department of Taxation.

Table C-3
GENERAL EXCISE & USE TAX REVENUES

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	128.0	137.2	132.1	129.8	527.3
1981	134.7	152.2	148.0	140.3	575.2
1982	141.1	147.5	151.2	134.8	574.6
1983	155.7	159.4	151.5	148.8	615.5
1984	165.1	173.8	165.6	165.2	669.8
1985	174.0	178.7	176.7	177.8	707.4
1986	192.0	200.0	198.3	187.6	777.9
1987	216.7	214.9	219.3	218.1	869.0
1988	240.5	241.9	241.3	242.2	965.9
1989	270.8	270.7	272.6	282.3	1,096.5
1990	313.1	308.5	314.3	314.2	1,250.2
1991	346.0	304.2	335.7	301.9	1,287.8
1992	338.3	318.8	325.3	317.3	1,299.8
1993	332.6	327.5	332.6	315.9	1,308.8
1994	353.3	330.3	345.8	318.5	1,347.9
1995	363.1	335.9	348.0	339.6	1,386.7
Percentage Change from the Same Period in Previous Year					
1980	11.4	15.7	16.0	9.0	13.0
1981	5.2	10.9	12.0	8.1	9.1
1982	4.8	-3.1	2.1	-3.9	-0.1
1983	10.3	8.1	0.2	10.4	7.1
1984	6.1	9.0	9.3	11.0	8.8
1985	5.4	2.8	6.7	7.6	5.6
1986	10.4	11.9	12.2	5.5	10.0
1987	12.9	7.5	10.6	16.3	11.7
1988	11.0	12.5	10.0	11.0	11.1
1989	12.6	11.9	13.0	16.6	13.5
1990	15.6	14.0	15.3	11.3	14.0
1991	10.5	-1.4	6.8	-3.9	3.0
1992	-2.2	4.8	-3.1	5.1	0.9
1993	-1.7	2.7	2.2	-0.5	0.7
1994	6.2	0.9	4.0	0.8	3.0
1995	2.8	1.7	0.6	6.6	2.9

Source: Hawaii State Department of Taxation.

Table C-4

NET INDIVIDUAL INCOME TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Millions of Dollars					
1980	84.9	81.2	84.1	85.6	335.9
1981	83.2	81.7	92.8	91.9	349.6
1982	85.7	12.6	98.2	100.3	296.8
1983	94.3	54.2	107.9	101.7	358.1
1984	112.1	81.3	111.9	108.4	413.8
1985	108.5	100.3	125.7	111.7	446.3
1986	125.7	99.8	129.1	135.5	490.2
1987	134.3	143.6	138.8	157.9	574.7
1988	159.2	170.0	169.0	182.5	680.8
1989	205.0	211.0	176.7	209.2	802.0
1990	201.6	107.6	216.0	217.9	743.1
1991	252.6	186.2	240.4	221.7	900.9
1992	228.8	215.9	244.0	233.3	922.2
1993	233.9	211.7	262.9	242.9	951.4
1994	236.4	220.0	281.4	265.3	1,003.5
1995	224.6	154.3	277.0	262.8	918.8
Percentage Change from the Same Period in Previous Year					
1980	22.2	12.5	17.4	16.0	17.0
1981	-2.0	0.6	10.4	7.4	4.1
1982	2.9	-84.6	5.8	9.1	-15.1
1983	10.1	331.2	9.9	1.4	20.7
1984	18.9	50.1	3.7	6.6	15.6
1985	-3.2	23.3	12.3	3.0	7.9
1986	15.9	-0.5	2.7	21.3	9.8
1987	6.8	43.8	7.5	16.5	17.2
1988	18.5	18.4	21.8	15.6	18.5
1989	28.8	24.1	4.6	14.6	17.8
1990	-1.7	-49.0	22.2	4.2	-7.3
1991	25.3	73.1	11.3	1.7	21.2
1992	-9.4	15.9	1.5	5.2	2.4
1993	2.2	-2.0	7.7	4.1	3.2
1994	1.1	3.9	7.0	9.2	5.5
1995	-5.0	-29.9	-1.6	-0.9	-8.4

Source: Hawaii State Department of Taxation.

Table C-5
NET CORPORATE INCOME TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Millions of Dollars					
1980	10.7	16.6	12.0	4.5	43.9
1981	10.0	20.3	9.7	3.5	43.6
1982	10.5	15.6	7.3	1.3	34.7
1983	6.4	9.3	11.3	0.8	27.9
1984	9.6	14.6	10.4	5.0	39.7
1985	7.5	21.9	11.5	3.1	44.0
1986	7.8	17.1	14.9	6.4	46.2
1987	13.6	26.6	17.9	9.2	67.2
1988	18.1	20.8	16.2	7.9	63.0
1989	23.5	24.7	18.7	5.7	72.6
1990	22.5	27.9	29.0	6.8	86.2
1991	23.7	36.3	11.1	-0.6	70.5
1992	17.4	15.8	11.1	-1.7	42.7
1993	6.5	13.4	13.5	-11.1	22.2
1994	10.4	26.2	9.1	-11.5	34.2
1995	12.8	19.8	12.0	-7.3	37.3
Percentage Change from the Same Period in Previous Year					
1980	21.4	19.9	12.9	2.6	16.3
1981	-6.5	22.3	-19.1	-22.2	-0.7
1982	5.1	-23.2	-24.8	-62.9	-20.4
1983	-39.1	-40.1	54.9	-36.1	-19.6
1984	50.0	56.3	-8.0	498.7	42.3
1985	-21.9	50.0	10.6	-37.7	10.8
1986	4.0	-21.9	29.6	105.8	5.0
1987	74.4	55.6	20.1	43.9	45.5
1988	33.1	-21.8	-9.4	-14.1	-6.3
1989	29.8	18.8	15.2	-27.8	15.2
1990	-4.3	13.0	55.1	19.2	18.7
1991	5.4	30.1	-61.7	-108.8	-18.2
1992	-26.5	-56.5	0.0	183.3 1/	-39.4
1993	-62.5	-15.4	21.6	552.9 1/	-48.0
1994	59.1	95.9	-32.6	3.6 1/	54.1
1995	23.1	-24.4	31.9	-36.5	9.1

Note: 1/ This figure represents an increase in net corporate tax refunds greater than tax collection.
Source: Hawaii State Department of Taxation.

Table C-6

TRANSIENT ACCOMMODATION TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual
In Millions of Dollars					
1987	7.2	16.3	16.1	13.5	53.2
1988	18.5	19.1	17.9	15.2	70.7
1989	20.8	22.0	18.4	19.7	81.0
1990	22.4	21.9	21.3	17.9	83.5
1991	20.9	19.1	20.0	17.9	77.9
1992	20.9	21.2	19.4	19.4	80.8
1993	20.9	20.7	17.2	16.7	75.4
1994	22.9	19.7	22.3	21.6	86.5
1995	27.2	27.0	26.6	24.8	105.6
Percentage Change from the Same Period in Previous Year					
1988 1/	155.9	17.2	10.7	12.4	32.8
1989	12.4	15.3	3.0	29.4	14.6
1990	7.5	-0.4	15.5	-9.2	3.0
1991	-6.4	-12.8	-6.0	0.0	-6.6
1992	-0.1	10.8	-3.1	8.3	3.7
1993	0.0	-2.3	-11.3	-13.9	-6.7
1994	9.6	-4.8	29.7	29.4	14.7
1995	18.8	37.1	19.3	14.8	22.1

Note: 1/ Tax collection for this category began in 1987.

Source: Hawaii State Department of Taxation.

Table C-7
GENERAL EXCISE & USE TAX BASE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	4,568	4,889	4,830	4,724	19,011
1981	4,865	5,781	5,301	5,065	21,012
1982	4,991	4,982	5,411	4,845	20,229
1983	5,435	5,525	5,317	5,240	21,517
1984	5,808	6,047	5,914	5,814	23,583
1985	6,071	6,169	6,004	6,081	24,325
1986	6,476	6,689	6,742	6,384	26,291
1987	7,063	7,035	7,050	7,163	28,311
1988	7,900	7,831	7,782	8,045	31,558
1989	8,875	8,802	8,823	9,276	35,776
1990	10,099	9,933	10,089	10,340	40,461
1991	11,532	10,125	11,285	10,190	43,132
1992	11,223	10,650	10,869	10,507	43,249
1993	11,177	11,596	11,014	10,500	44,287
1994	11,539	10,859	11,346	10,774	44,518
1995	11,876	11,012	11,448	11,241	45,577
Percentage Change from the Same Period in Previous Year					
1980	12.9	15.1	9.4	6.6	10.9
1981	6.5	18.2	9.8	7.2	10.5
1982	2.6	-13.8	2.1	-4.3	-3.7
1983	8.9	10.9	-1.7	8.2	6.4
1984	6.9	9.4	11.2	11.0	9.6
1985	4.5	2.0	1.5	4.6	3.1
1986	6.7	8.4	12.3	5.0	8.1
1987	9.1	5.2	4.6	12.2	7.7
1988	11.9	11.3	10.4	12.3	11.5
1989	12.3	12.4	13.4	15.3	13.4
1990	13.8	12.8	14.3	11.5	13.1
1991	14.2	1.9	11.9	-1.5	6.6
1992	-2.7	5.2	-3.7	3.1	0.3
1993	-0.4	8.9	1.3	-0.1	2.4
1994	3.2	-6.4	3.0	2.6	0.5
1995	2.9	1.4	0.9	4.3	2.4

Source: Hawaii State Department of Taxation.

Table C-8
RETAILING TAX BASE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	1,539	1,549	1,501	1,518	6,107
1981	1,606	1,713	1,750	1,631	6,700
1982	1,710	1,751	1,813	1,601	6,875
1983	1,948	1,886	1,830	1,774	7,438
1984	2,034	2,047	1,982	2,048	8,111
1985	2,148	2,102	2,137	2,112	8,499
1986	2,371	2,337	2,330	2,202	9,240
1987	2,393	2,277	2,374	2,405	9,449
1988	2,654	2,613	2,573	2,545	10,385
1989	3,017	2,814	2,884	2,893	11,608
1990	3,320	3,123	3,169	3,214	12,826
1991	3,659	3,068	3,525	3,146	13,398
1992	3,668	3,282	3,484	3,411	13,845
1993	3,617	3,395	3,594	3,370	13,976
1994	3,848	3,527	3,697	3,496	14,568
1995	3,932	3,576	3,846	3,697	15,051
Percentage Change from the Same Period in Previous Year					
1980	7.9	10.9	17.2	7.2	10.6
1981	4.4	10.6	16.6	7.4	9.7
1982	6.5	2.2	3.6	-1.8	2.6
1983	13.9	7.7	0.9	10.8	8.2
1984	4.4	8.5	8.3	15.4	9.0
1985	5.6	2.7	7.8	3.1	4.8
1986	10.4	11.2	9.0	4.3	8.7
1987	0.9	-2.6	1.9	9.2	2.3
1988	10.9	14.8	8.4	5.8	9.9
1989	13.7	7.7	12.1	13.7	11.8
1990	10.0	11.0	9.9	11.1	10.5
1991	10.2	-1.8	11.2	-2.1	4.5
1992	0.2	7.0	-1.2	8.4	3.3
1993	-1.4	3.4	3.2	-1.2	0.9
1994	6.4	3.9	2.9	3.7	4.2
1995	2.2	1.4	4.0	5.7	3.3

Source: Hawaii State Department of Taxation.

Table C-9
SERVICES TAX BASE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	378.0	473.1	463.6	428.2	1,743.0
1981	447.8	467.8	450.5	443.8	1,809.9
1982	448.0	497.7	497.2	462.1	1,905.1
1983	519.2	566.2	536.8	512.3	2,134.5
1984	560.4	619.0	599.6	589.4	2,370.4
1985	592.6	646.4	627.9	614.7	2,481.7
1986	660.2	703.8	714.2	705.9	2,784.2
1987	713.4	725.8	732.6	724.4	2,896.2
1988	774.0	837.2	813.6	862.9	3,287.7
1989	905.0	937.7	918.8	937.5	3,699.0
1990	1,020.6	1,106.7	1,061.9	1,087.6	4,276.9
1991	1,235.4	1,229.7	1,253.6	1,169.5	4,888.2
1992	1,260.6	1,279.8	1,284.8	1,207.5	5,032.7
1993	1,233.3	1,316.7	1,300.4	1,242.1	5,092.7
1994	1,359.6	1,300.7	1,413.4	1,197.2	5,270.8
1995	1,371.0	1,313.0	1,342.2	1,325.8	5,351.1
Percentage Change from the Same Period in Previous Year					
1980	8.7	28.6	34.5	21.8	23.4
1981	18.5	-1.1	-2.8	3.6	3.8
1982	0.0	6.4	10.4	4.1	5.3
1983	15.9	13.8	8.0	10.9	12.0
1984	7.9	9.3	11.7	15.1	11.1
1985	5.7	4.4	4.7	4.3	4.7
1986	11.4	8.9	13.7	14.8	12.2
1987	8.1	3.1	2.6	2.6	4.0
1988	8.5	15.3	11.1	19.1	13.5
1989	16.9	12.0	12.9	8.6	12.5
1990	12.8	18.0	15.6	16.0	15.6
1991	21.1	11.1	18.0	7.5	14.3
1992	2.0	4.1	2.5	3.2	3.0
1993	-2.2	2.9	1.2	2.9	1.2
1994	10.2	-1.2	8.7	-3.6	3.5
1995	0.8	0.9	-5.0	10.7	1.5

Source: Hawaii State Department of Taxation.

Table C-10
CONTRACTING TAX BASE

Year	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	361.3	414.8	409.1	384.5	1,569.7
1981	378.7	404.5	420.0	410.6	1,613.8
1982	334.3	338.7	334.8	287.1	1,294.9
1983	340.3	359.0	334.9	319.3	1,353.4
1984	312.0	361.8	320.5	248.6	1,242.9
1985	257.7	311.7	364.4	434.0	1,367.7
1986	394.2	468.0	497.4	448.3	1,808.0
1987	450.8	484.5	521.3	546.4	2,003.1
1988	544.8	587.3	601.1	754.4	2,487.6
1989	640.6	757.8	795.7	918.6	3,112.8
1990	870.0	922.3	1,108.7	1,102.7	4,003.7
1991	1,126.1	1,043.7	1,164.5	999.7	4,334.1
1992	1,023.1	1,051.5	977.6	960.4	4,012.7
1993	964.9	960.8	965.2	912.7	3,803.6
1994	827.5	837.9	838.5	818.5	3,322.3
1995	776.6	760.6	751.3	845.1	3,133.5
Percentage Change from the Same Period in Previous Year					
1980	29.1	24.6	16.5	6.4	18.4
1981	4.8	-2.5	2.7	6.8	2.8
1982	-11.7	-16.3	-20.3	-30.1	-19.8
1983	1.8	6.0	0.0	11.2	4.5
1984	-8.3	0.8	-4.3	-22.1	-8.2
1985	-17.4	-13.8	13.7	74.5	10.0
1986	53.0	50.1	36.5	3.3	32.2
1987	14.4	3.5	4.8	21.9	10.8
1988	20.9	21.2	15.3	38.1	24.2
1989	17.6	29.0	32.4	21.8	25.1
1990	35.8	21.7	39.3	20.0	28.6
1991	29.4	13.2	5.0	-9.3	8.3
1992	-9.1	0.7	-16.0	-3.9	-7.4
1993	-5.7	-8.6	-1.3	-5.0	-5.2
1994	-14.2	-12.8	-13.1	-10.3	-12.7
1995	-6.1	-9.2	-10.4	3.3	-5.7

Source: Hawaii State Department of Taxation.

Table C-11
HOTEL RENTAL TAX BASE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	173.9	208.1	163.4	163.3	708.6
1981	177.3	229.3	174.5	189.6	770.7
1982	195.6	243.4	209.9	196.0	844.9
1983	214.7	253.2	189.0	219.3	876.2
1984	232.7	275.0	246.5	230.3	984.5
1985	295.5	326.2	246.6	254.0	1,122.3
1986	275.5	359.9	297.8	279.5	1,212.8
1987	353.2	361.8	346.0	308.4	1,369.4
1988	400.6	361.7	328.3	318.2	1,408.9
1989	374.6	419.1	341.7	369.7	1,505.1
1990	419.8	417.0	377.2	359.0	1,573.0
1991	403.5	366.8	395.9	346.7	1,513.0
1992	409.1	424.2	406.8	381.6	1,621.6
1993	398.4	419.2	355.3	354.0	1,527.0
1994	436.8	417.7	421.3	390.6	1,666.4
1995	478.4	447.1	434.3	416.7	1,776.5
Percentage Change from the Same Period in Previous Year					
1980	-1.4	14.5	4.0	4.1	5.4
1981	2.0	10.2	6.8	16.2	8.8
1982	10.3	6.2	20.3	3.4	9.6
1983	9.8	4.0	-9.9	11.9	3.7
1984	8.4	8.6	30.4	5.0	12.4
1985	27.0	18.6	0.1	10.3	14.0
1986	-6.8	10.3	20.8	10.1	8.1
1987	28.2	0.5	16.2	10.3	12.9
1988	13.4	0.0	-5.1	3.2	2.9
1989	-6.5	15.9	4.1	16.2	6.8
1990	12.1	-0.5	10.4	-2.9	4.5
1991	-3.9	-12.0	5.0	-3.4	-3.8
1992	1.4	15.6	2.8	10.1	7.2
1993	-2.6	-1.2	-12.7	-7.2	-5.8
1994	9.6	-0.4	18.6	10.3	9.1
1995	9.5	7.0	3.1	6.7	6.6

Source: Hawaii State Department of Taxation.

Table C-12
PRODUCING TAX BASE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	24.3	41.0	36.1	42.2	143.7
1981	41.7	49.0	45.7	40.2	176.6
1982	47.9	45.1	40.3	40.6	173.9
1983	50.7	60.6	54.6	54.4	220.3
1984	57.5	63.2	63.4	58.5	242.6
1985	77.2	67.5	60.8	57.3	262.8
1986	64.6	61.8	63.8	60.9	251.0
1987	75.0	70.2	61.4	67.6	274.2
1988	81.3	74.3	71.9	70.7	298.3
1989	90.8	78.7	75.3	81.6	326.4
1990	87.6	79.8	69.5	80.4	317.3
1991	84.1	79.0	76.3	62.5	301.9
1992	127.5	93.7	87.7	99.8	408.6
1993	124.9	133.3	117.0	99.7	474.9
1994	127.7	118.5	116.2	104.7	467.2
1995	122.3	106.7	120.0	108.5	457.5
Percentage Change from the Same Period in Previous Year					
1980	-41.7	-5.2	-0.1	18.2	-8.4
1981	71.6	19.5	26.6	-4.8	22.9
1982	14.9	-7.9	-11.8	1.2	-1.5
1983	5.8	34.3	35.5	33.9	26.7
1984	13.4	4.3	16.1	7.5	10.1
1985	34.3	6.8	-4.1	-2.1	8.3
1986	-16.3	-8.4	4.9	6.3	-4.5
1987	16.1	13.7	-3.8	11.1	9.3
1988	8.4	5.8	17.2	4.5	8.8
1989	11.6	5.9	4.7	15.4	9.4
1990	-3.5	1.4	-7.7	-1.5	-2.8
1991	-4.0	-1.0	9.7	-22.3	-4.9
1992	51.5	18.6	14.9	59.7	35.3
1993	-2.0	42.2	33.5	-0.1	16.2
1994	2.3	-11.1	-0.6	5.0	-1.6
1995	-4.2	-10.0	3.2	3.6	-2.1

Source: Hawaii State Department of Taxation.

Table C-13
4% USE TAX BASE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Millions of Dollars					
1980	66.8	66.6	70.4	58.1	261.9
1981	49.1	134.3	163.3	89.6	436.3
1982	94.7	90.3	108.5	93.9	387.4
1983	62.1	67.9	59.6	87.8	277.5
1984	95.5	89.0	73.4	96.7	354.6
1985	88.0	80.9	107.6	78.9	355.4
1986	71.0	72.7	73.4	62.6	279.6
1987	88.8	72.2	78.5	78.3	317.8
1988	100.4	90.4	144.4	114.3	449.5
1989	101.8	168.2	97.1	110.1	477.1
1990	124.1	134.4	132.3	111.1	501.9
1991	108.2	120.2	121.3	96.3	446.0
1992	104.4	97.9	98.1	119.0	419.5
1993	113.0	128.3	94.5	101.0	436.7
1994	143.2	106.0	130.0	105.1	484.2
1995	130.6	117.2	109.2	104.2	461.2
Percentage Change from the Same Period in Previous Year					
1980	44.3	8.9	10.3	-6.0	12.3
1981	-26.5	101.6	131.8	54.3	66.6
1982	92.9	-32.8	-33.6	4.8	-11.2
1983	-34.4	-24.8	-45.0	-6.5	-28.4
1984	53.7	31.1	23.1	10.2	27.8
1985	-7.9	-9.1	46.6	-18.4	0.2
1986	-19.3	-10.1	-31.8	-20.7	-21.3
1987	25.1	-0.7	7.0	25.0	13.6
1988	13.0	25.2	83.9	46.0	41.4
1989	1.4	86.1	-32.8	-3.7	6.1
1990	21.9	-20.1	36.3	1.0	5.2
1991	-12.8	-10.6	-8.4	-13.3	-11.1
1992	-3.5	-18.6	-19.1	23.5	-5.9
1993	8.2	31.0	-3.7	-15.2	4.1
1994	26.7	-17.4	37.6	4.1	10.9
1995	-8.8	10.6	-16.0	-0.9	-4.8

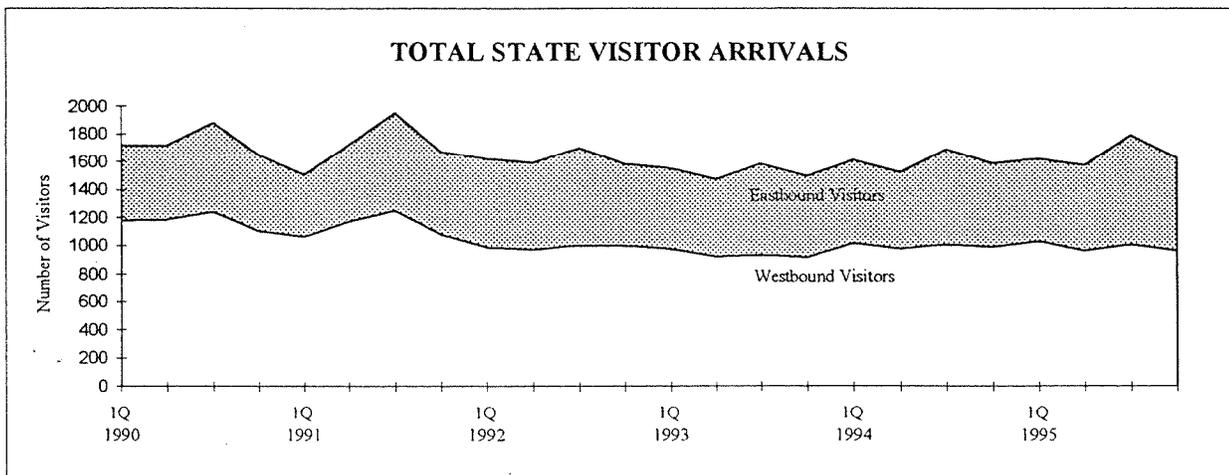
Source: Hawaii State Department of Taxation.

TOURISM

Total visitor arrivals rose 2.4 percent in the fourth quarter of 1995 over the year earlier, and rose by 3.2 percent for 1995 as a whole (table D-2). Growth in the total number of visitors started slowly in 1995 at only 0.4 percent in the first quarter, mainly due to the Kobe earthquake. The Japanese yen increased in value vis-à-vis the U.S. dollar during this period, and this contributed to a rise in Eastbound visitors in the second and third quarters of 1995 by 11.8 percent and 15.4 percent, respectively, over the year-earlier quarters (table D-4). The number of Eastbound visitors continued to increase by 9.9 percent in the fourth quarter of 1995 over the fourth quarter of 1994. In contrast, the number of Westbound visitors declined 0.5 percent in 1995 (table D-1).

Overall, the statewide hotel occupancy rate averaged 76.7 percent in 1995, or a 0.2 percentage point decrease over 1994 (table D-7). Although the overall occupancy rate decreased only very slightly, the 1995 rate was significantly higher than the 1993 average rate of 72.4 percent. This was primarily due to the 7.3 percent increase in

the number of visitor days last year, which enabled the state's hotels and resort condos to charge higher room rates. Data provided by the Hawaii State Department of Taxation indicate that the general excise tax base for hotel rentals rose 6.6 percent during 1995 (table C-11). Occupancy rates on Kauai declined from 75.3 percent in 1994 to 65.4 percent in 1995 (table 5). This drop reflected more hotel units available for visitors, since the number of visitors to the island increased 5.2 percent. The increase in the number of hotel units on Kauai is also reflected in the labor force data, with the number of hotel jobs on Kauai increasing by 16.3 percent in 1995. The number of visitors to Kauai was 920,000 last year, which is about 85.0 percent of the pre-Iniki level. Hotel occupancy rates also increased 0.7 percentage points on Oahu, and 2.9 percentage points on Maui (tables 2 and 4). The Big Island's occupancy rates declined by 2.9 percentage points (table 3). While Oahu saw an increase of 4.7 percent in visitor arrivals, both Maui and Hawaii experienced small declines (tables 2 to 4).



Source: Research and Economic Analysis Division, DBEDT.

Table D-1

VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS

Year	Visitors Staying Overnight or Longer			Average Number of Visitors Present Daily		
	Westbound	Eastbound	Total	Westbound	Eastbound	Total
1980	3,046,132	888,372	3,934,504	86,722	9,709	96,431
1981	2,974,791	959,832	3,934,623	85,475	10,519	95,994
1982	3,278,525	964,400	4,242,920	94,811	10,570	105,381
1983	3,395,880	972,000	4,367,880	97,388	10,650	108,038
1984	3,721,380	1,134,200	4,855,580	106,268	12,400	118,668
1985	3,708,610	1,175,500	4,884,110	103,857	12,880	116,737
1986	4,256,390	1,350,590	5,606,980	118,152	14,800	132,952
1987	4,204,010	1,595,820	5,799,830	116,868	17,490	134,358
1988	4,264,730	1,877,690	6,142,420	115,739	25,650	141,389
1989	4,705,320	1,936,500	6,641,820	128,173	34,190	162,363
1990	4,719,730	2,251,450	6,971,180	125,626	36,441	162,067
1991	4,584,460	2,289,430	6,873,890	121,172	36,158	157,330
1992	3,980,120	2,533,760	6,513,880	113,806	39,526	153,332
1993	3,764,520	2,359,710	6,124,230	108,122	40,613	148,735
1994	3,997,820	2,432,480	6,430,300	115,280	43,966	159,246
1995	3,977,820	2,656,020	6,633,840	114,243	44,109	158,352
Percentage Change from the Same Period in Previous Year						
1980	-3.0	8.2	-0.7	-3.2	7.9	-2.2
1981	-2.3	8.0	0.0	-1.4	8.3	-0.5
1982	10.2	0.5	7.8	10.9	0.5	9.8
1983	3.6	0.8	2.9	2.7	0.8	2.5
1984	9.6	16.7	11.2	9.1	16.4	9.8
1985	-0.3	3.6	0.6	-2.3	3.9	-1.6
1986	14.8	14.9	14.8	13.8	14.9	13.9
1987	-1.2	18.2	3.4	-1.1	18.2	1.1
1988	1.4	17.7	5.9	-1.0	46.7	5.2
1989	10.3	3.1	8.1	10.7	33.3	14.8
1990	0.3	16.3	5.0	-2.0	6.6	-0.2
1991	-2.9	1.7	-1.4	-3.5	-0.8	-2.9
1992	-13.2	10.7	-5.2	-6.1	9.3	-2.5
1993	-5.4	-6.9	-6.0	-5.0	2.8	-3.0
1994	6.2	3.1	5.0	6.6	8.3	7.1
1995	-0.5	9.2	3.2	-0.9	0.3	-0.6

Sources: Department of Business, Economic Development & Tourism, *Hawaii Data Book*, 1987; *Hawaii Data Book*, 1993-94; Hawaii Visitors Bureau.

Table D-2
TOTAL VISITOR ARRIVALS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	1,004.8	942.9	1,047.3	939.5	3,934.5
1981	959.0	984.5	1,042.3	948.8	3,934.6
1982	1,054.0	1,048.7	1,110.7	1,029.5	4,242.9
1983 1/	1,069.9	1,071.5	1,146.3	1,080.2	4,367.8
1984	1,218.5	1,206.8	1,222.9	1,207.4	4,855.6
1985	1,301.5	1,129.6	1,266.9	1,186.2	4,884.1
1986	1,393.2	1,421.2	1,450.9	1,341.8	5,607.0
1987	1,448.9	1,370.0	1,555.2	1,425.8	5,799.8
1988	1,484.9	1,488.2	1,635.6	1,533.7	6,142.4
1989	1,683.7	1,605.1	1,754.8	1,598.3	6,641.8
1990	1,714.8	1,724.4	1,879.9	1,652.2	6,971.2
1991	1,509.5	1,727.2	1,958.3	1,678.9	6,873.9
1992	1,622.2	1,598.0	1,703.6	1,590.1	6,513.9
1993	1,559.6	1,476.3	1,588.9	1,499.5	6,124.2
1994	1,615.6	1,527.7	1,692.7	1,594.2	6,430.3
1995	1,621.9	1,582.2	1,796.5	1,633.2	6,633.8
Percentage Change from the Same Period in Previous Year					
1980	-5.3	6.5	-0.9	-1.9	-0.7
1981	-4.6	4.4	-0.5	1.0	0.0
1982	9.9	6.5	6.6	8.5	7.8
1983	1.5	2.2	3.2	4.9	2.9
1984	13.9	12.6	6.7	11.8	11.2
1985	6.8	-6.4	3.6	-1.8	0.6
1986	7.0	25.8	14.5	13.1	14.8
1987	4.0	-3.6	7.2	6.3	3.4
1988	2.5	8.6	5.2	7.6	5.9
1989	13.4	7.9	7.3	4.2	8.1
1990	1.8	7.4	7.1	3.4	5.0
1991	-12.0	0.2	4.2	1.6	-1.4
1992	7.5	-7.5	-13.0	-5.3	-5.2
1993	-3.9	-7.6	-6.7	-5.7	-6.0
1994	3.6	3.5	6.5	6.3	5.0
1995	0.4	3.6	6.1	2.4	3.2

Note: 1/ Quarterly arrivals estimated to be consistent with newly revised annual figure.

Source: Hawaii Visitors Bureau.

Table D-3
WESTBOUND VISITORS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	791.6	720.9	816.6	717.1	3,046.1
1981	733.2	740.2	791.4	710.0	2,974.8
1982	828.0	795.9	865.6	789.1	3,278.5
1983 1/	845.4	828.1	893.9	828.5	3,395.9
1984	954.3	923.0	922.8	921.3	3,721.4
1985	1,011.8	840.2	957.8	898.9	3,708.6
1986	1,087.6	1,094.3	1,073.1	1,001.4	4,256.4
1987	1,084.1	999.9	1,102.4	1,017.6	4,204.0
1988	1,047.4	1,028.8	1,088.1	1,100.4	4,264.7
1989	1,198.6	1,145.6	1,213.7	1,147.4	4,705.3
1990	1,179.4	1,189.3	1,245.3	1,105.7	4,719.7
1991	1,066.9	1,175.7	1,255.0	1,087.0	4,584.5
1992	995.8	976.5	1,004.6	1,003.3	3,980.1
1993	979.8	924.5	937.1	923.1	3,764.5
1994	1,019.3	979.1	1,009.8	989.6	3,997.8
1995	1,031.1	969.0	1,008.7	969.0	3,977.8
Percentage Change from the Same Period in Previous Year					
1980	-9.2	5.7	-2.9	-3.7	-3.0
1981	-7.4	2.7	-3.1	-1.0	-2.3
1982	12.9	7.5	9.4	11.1	10.2
1983	2.1	4.1	3.3	5.0	3.6
1984	12.9	11.5	3.2	11.2	9.6
1985	6.0	-9.0	3.8	-2.4	-0.3
1986	7.5	30.2	12.0	11.4	14.8
1987	-0.3	-8.6	2.7	1.6	-1.2
1988	-3.4	2.9	-1.3	8.1	1.4
1989	14.4	11.4	11.5	4.3	10.3
1990	-1.6	3.8	2.6	-3.6	0.3
1991	-9.5	-1.1	0.8	-1.7	-2.9
1992	-6.7	-16.9	-19.9	-7.7	-13.2
1993	-1.6	-5.3	-6.7	-8.0	-5.4
1994	4.0	5.9	7.8	7.2	6.2
1995	1.2	-1.0	-0.1	-2.1	-0.5

Note: 1/ Quarterly arrivals estimated to be consistent with newly revised annual figure.

Source: Hawaii Visitors Bureau.

Table D-4
EASTBOUND VISITORS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1980	213.3	221.9	230.7	222.5	888.4
1981	225.9	244.2	251.0	238.8	959.8
1982	226.1	252.8	245.2	240.4	964.4
1983 1/	224.5	243.4	252.4	251.6	972.0
1984	264.2	283.8	300.1	286.1	1,134.2
1985	289.7	289.4	309.1	287.3	1,175.5
1986	305.5	326.9	377.7	340.4	1,350.6
1987	364.8	370.1	452.8	408.2	1,595.8
1988	437.5	459.4	547.5	433.3	1,877.7
1989	485.1	459.6	541.0	450.9	1,936.5
1990	535.3	535.1	634.6	546.5	2,251.5
1991	442.6	551.5	703.3	592.0	2,289.4
1992	626.4	621.5	699.0	586.9	2,533.8
1993	579.8	551.7	651.7	576.4	2,359.7
1994	596.3	548.6	682.9	604.6	2,432.5
1995	590.8	613.2	787.8	664.2	2,656.0
Percentage Change from the Same Period in Previous Year					
1980	13.0	9.1	6.9	4.4	8.2
1981	5.9	10.0	8.8	7.3	8.0
1982	0.1	3.5	-2.3	0.7	0.5
1983	-0.7	-3.7	3.0	4.7	0.8
1984	17.7	16.6	18.9	13.7	16.7
1985	9.6	2.0	3.0	0.4	3.6
1986	5.5	13.0	22.2	18.5	14.9
1987	19.4	13.2	19.9	19.9	18.2
1988	19.9	24.1	20.9	6.2	17.7
1989	10.9	0.0	-1.2	4.0	3.1
1990	10.4	16.4	17.3	21.2	16.3
1991	-17.3	3.1	10.8	8.3	1.7
1992	41.5	12.7	-0.6	-0.9	10.7
1993	-7.4	-11.2	-6.8	-1.8	-6.9
1994	2.8	-0.6	4.8	4.9	3.1
1995	-0.9	11.8	15.4	9.9	9.2

Note: 1/ Quarterly arrivals estimated to be consistent with newly revised annual figure.

Source: Hawaii Visitors Bureau.

Table D-5
AVERAGE DAILY VISITOR CENSUS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
In Thousands of Persons					
1990	168.4	155.4	170.2	154.4	162.1
1991	150.0	161.2	171.4	146.7	157.3
1992	160.9	146.1	155.0	151.3	153.3
1993	157.5	137.7	151.8	148.0	148.7
1994	174.6	143.5	157.4	161.4	159.2
1995	167.8	146.9	162.6	156.1	158.4
Average Daily Westbound Visitors					
1990	132.9	122.4	127.7	119.5	125.6
1991	119.4	127.2	127.4	110.8	121.2
1992	123.1	108.4	110.0	113.7	113.8
1993	119.9	101.8	103.2	107.6	108.1
1994	127.6	106.3	109.7	117.6	115.3
1995	125.8	106.4	110.1	114.6	114.2
Average Daily Eastbound Visitors					
1990	35.4	33.0	42.5	34.9	36.4
1991	30.6	34.1	44.0	35.9	36.2
1992	37.7	37.7	45.1	37.6	39.5
1993	37.6	35.9	48.6	40.4	40.6
1994	47.0	37.2	47.7	43.9	44.0
1995	42.0	40.4	52.4	41.6	44.1

Source: Hawaii Visitors Bureau.

Table D-6

AVERAGE DAILY VISITOR CENSUS

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Percentage Change from the Same Period in Previous Year					
1991	-10.9	3.8	0.7	-4.9	-2.9
1992	7.3	-9.4	-9.5	3.1	-2.5
1993	-2.1	-5.8	-2.1	-2.2	-3.0
1994	10.9	4.2	3.7	9.1	7.1
1995	-3.9	2.3	3.3	-3.3	-0.6
Average Daily Westbound Visitors					
1991	-10.2	3.9	-0.3	-7.2	-3.5
1992	3.2	-14.7	-13.7	2.6	-6.1
1993	-2.6	-6.1	-6.1	-5.4	-5.0
1994	6.4	4.4	6.3	9.3	6.6
1995	-1.4	0.2	0.4	-2.5	-0.9
Average Daily Eastbound Visitors					
1991	-13.7	3.4	3.7	3.0	-0.8
1992	23.3	10.6	2.4	4.7	9.3
1993	-0.3	-4.8	7.8	7.4	2.7
1994	25.2	3.7	-1.8	8.6	8.3
1995	-10.7	8.6	9.9	-5.3	0.3

Source: Hawaii Visitors Bureau.

Table D-7
HOTEL OCCUPANCY RATE

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Percentage					
1980	78.4	67.9	67.3	65.3	69.7
1981	72.0	66.5	70.2	64.1	68.2
1982	79.0	65.9	70.9	66.7	70.6
1983	75.2	68.1	71.7	66.5	70.4
1984	84.0	75.6	74.6	75.1	77.3
1985	88.1	69.1	75.0	72.5	76.2
1986	87.0	78.8	79.9	76.8	80.6
1987	88.0	77.1	82.1	77.8	81.2
1988	81.7	75.1	81.3	75.1	78.3
1989	85.9	73.9	81.0	75.7	79.1
1990	83.9	75.5	81.0	74.3	78.7
1991	68.2	70.7	79.7	72.5	72.8
1992	75.3	68.6	75.5	75.2	73.6
1993	75.3	67.9	73.8	72.5	72.4
1994	80.9	72.7	79.1	74.8	76.9
1995	79.6	71.8	80.2	75.4	76.7

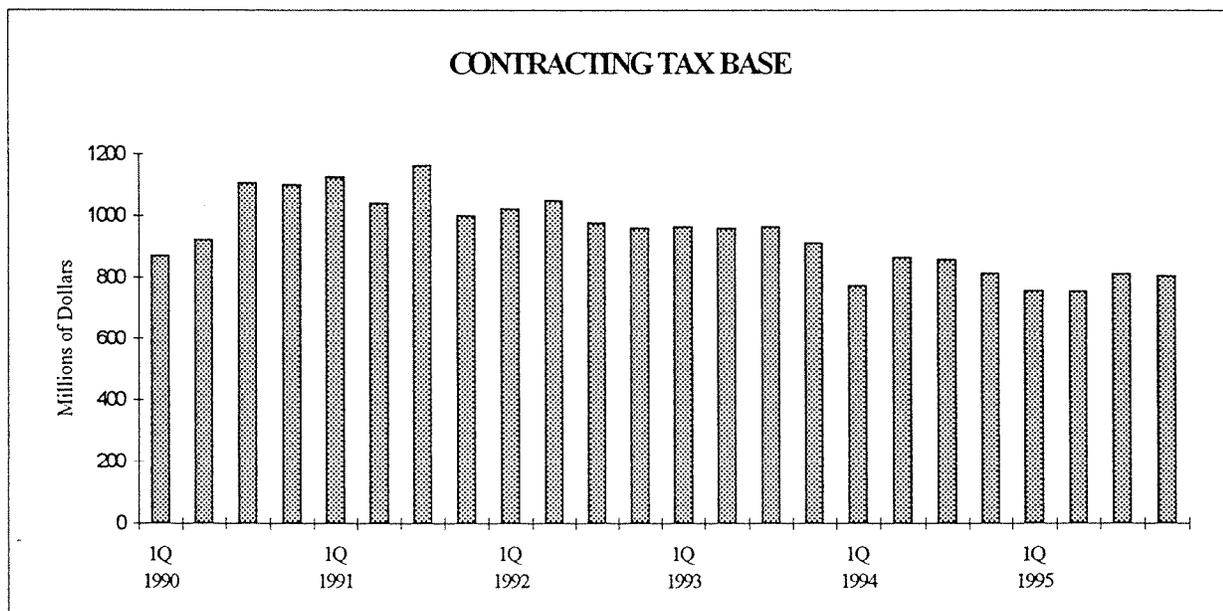
Source: PKF Hawaii.

CONSTRUCTION

For the first time since 1991, the value of construction completed showed growth over the year earlier in the fourth quarter of 1995 (table E-2). But this was not enough to reverse the annual decline in this measure since 1991. For 1995 as a whole, the value of construction completed fell 4.9 percent. This loss was mainly due to higher interest rates during the first half of 1995. In addition, while construction costs were lower in the first two quarters of 1995 than in the first half of 1994, the construction cost index was still about 15.0 percent higher in 1995 than in 1992 (tables E-5 and E-6). This compares to an 8.0 percent rise in consumer prices over the same three-year period (table B-9). Lower interest rates since July 1995 have helped the value of construction completed

rebound above the \$800 million level during the third and the fourth quarters of 1995, as compared to the \$750 million level during the first and second quarters of 1995 (table E-1). Still, the current level is \$300 million less than the 1991 quarterly peak of about \$1.1 billion.

Mainly due to the growth in the first half of 1995, the value of private building permits, an indicator of future private construction, increased 3.3 percent in 1995 over 1994 (table E-2). The decline in new commercial and industrial construction value was fully offset by increases in additions and alterations. Government contracts awarded, however, declined 29.3 percent in 1995 (table E-2).



Source: Research and Economic Analysis Division, DBEDT.

Table E-1

ESTIMATED VALUE OF COMPLETED CONSTRUCTION, NEW PRIVATE BUILDING AUTHORIZATIONS, AND GOVERNMENT CONTRACTS AWARDED

Year	Value of Construction Completed 1/	Private Building Authorization 2/				Government Contracts Awarded	
		Total Private Authorizations	Residential	Commercial and Industrial 3/	Additions and Alterations		
In Millions of Dollars							
1980	1,569.7	1,219.2	680.2	331.5	207.5	244.5	
1981	1,584.7	802.0	398.3	240.8	162.9	429.2	
1982	1,323.9	683.1	299.2	242.9	141.1	391.6	
1983	1,334.2	685.2	296.2	203.2	185.9	275.0	
1984	1,227.2	581.5	327.8	104.0	149.8	388.7	
1985	1,429.6	888.4	500.1	208.8	180.1	248.9	
1986	1,802.1	1,025.2	455.5	267.4	302.3	422.7	
1987	2,145.5	1,161.9	507.0	344.4	310.5	370.9	
1988	2,529.0	1,546.5	689.2	541.2	316.1	665.0	
1989	3,193.1	1,882.4	910.7	561.8	409.9	725.2	
1990	4,121.6	2,101.8	952.3	698.0	451.5	825.5	
1991	4,305.3	2,151.8	1,192.0	556.2	403.7	729.4	
1992	3,950.4	1,751.9	811.1	532.3	408.5	1,159.1	
1993	3,785.4	1,496.5	734.7	306.3	455.5	651.8	
1994	3,317.3	1,612.9	849.2	370.3	393.4	693.0	
1995	3,153.4	1,665.8	748.8	250.8	559.7	490.2	
1994	1 Qtr.	775.5	302.8	155.9	62.0	84.8	144.6
	2 Qtr.	866.9	452.5	249.0	101.2	102.3	130.2
	3 Qtr.	859.9	461.1	217.4	129.7	114.0	284.5
	4 Qtr.	814.9	396.5	226.9	77.4	92.2	133.7
1995	1 Qtr.	757.6	559.5	227.1	48.8	238.7	149.4
	2 Qtr.	755.8	476.7	173.3	91.5	150.2	110.3
	3 Qtr.	811.7	376.4	221.3	59.8	95.3	105.2
	4 Qtr.	828.3	253.2	127.1	50.7	75.4	125.3

Notes: 1/ Value of construction subject to State excise tax, adjusted to reflect reporting delay of about one month.

2/ Includes hotels.

3/ Includes a preliminary estimate for second quarter private building authorizations in Kauai county.

Source: Hawaii State Department of Taxation; County building departments; and First Hawaiian Bank.

Table E-2

ESTIMATED VALUE OF COMPLETED CONSTRUCTION, NEW PRIVATE BUILDING AUTHORIZATIONS, AND GOVERNMENT CONTRACTS AWARDED

Year	Value of Construction Completed 1/	Private Building Authorization 2/				Government Contracts Awarded	
		Total Private Authorizations	Residential	Commercial and Industrial 3/	Additions and Alterations		
Percentage Change from the Same Period in Previous Year							
1981	1.0	-34.2	-41.4	-27.4	-21.5	75.5	
1982	-16.5	-14.8	-24.9	0.9	-13.4	-8.8	
1983	0.8	0.3	-1.0	-16.3	31.8	-29.8	
1984	-8.0	-15.1	10.7	-48.8	-19.4	41.3	
1985	16.5	52.8	52.6	100.8	20.2	-36.0	
1986	26.1	15.4	-8.9	28.1	67.9	69.8	
1987	19.1	13.3	11.3	28.8	2.7	-12.3	
1988	17.9	33.1	35.9	57.1	1.8	79.3	
1989	26.3	21.7	32.1	3.8	29.7	9.1	
1990	29.1	11.7	4.6	24.2	10.1	13.8	
1991	4.5	2.4	25.2	-20.3	-10.6	-11.6	
1992	-8.2	-18.6	-32.0	-4.3	1.2	58.9	
1993	-4.2	-14.6	-9.4	-42.5	11.5	-43.8	
1994	-12.4	7.8	15.6	20.9	-13.6	6.3	
1995	-4.9	3.3	-11.8	-32.3	42.3	-29.3	
1994	1 Qtr.	-20.9	-0.2	-4.9	24.0	-5.0	-38.5
	2 Qtr.	-10.2	20.9	34.2	38.8	-11.7	47.5
	3 Qtr.	-10.1	1.7	-0.1	41.0	-20.6	55.0
	4 Qtr.	-7.7	8.5	35.5	-15.3	-13.6	-7.7
1995	1 Qtr.	-2.3	84.8	45.7	-21.3	181.5	3.3
	2 Qtr.	-12.8	5.3	-30.4	-9.6	46.8	-15.3
	3 Qtr.	-5.6	-18.4	1.8	-53.9	-16.4	-63.0
	4 Qtr.	1.6	-36.1	-44.0	-34.5	-18.2	-6.3

Notes: 1/ Value of construction subject to State excise tax, adjusted to reflect reporting delay of about one month.

2/ Includes hotels.

3/ Includes a preliminary estimate for second quarter private building authorizations in Kauai county.

Source: Hawaii State Department of Taxation; County building departments; and First Hawaiian Bank.

Table E-3

NUMBER OF SINGLE FAMILY UNITS AUTHORIZED

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
1980	1,133.0	1,045.0	887.0	990.0	4,055.0
1981	775.0	697.0	638.0	539.0	2,649.0
1982	472.0	536.0	626.0	651.0	2,285.0
1983	896.0	952.0	862.0	707.0	3,417.0
1984	1,092.0	1,324.0	1,115.0	911.0	4,442.0
1985	802.0	1,236.0	1,644.0	1,269.0	4,951.0
1986	925.0	1,226.0	1,354.0	1,195.0	4,700.0
1987	1,523.0	1,639.0	1,429.0	1,475.0	6,066.0
1988	1,323.0	1,767.0	2,096.0	1,114.0	6,290.0
1989	1,474.0	1,620.0	1,993.0	1,777.0	6,858.0
1990	1,922.0	1,476.0	1,132.0	1,472.0	6,002.0
1991	1,094.0	1,010.0	1,303.0	1,419.0	4,826.0
1992	1,317.0	1,058.0	1,388.0	816.0	4,576.0
1993	1,147.0	1,311.0	1,064.0	1,228.0	4,750.0
1994	961.0	963.0	1,426.0	1,226.0	4,576.0
1995	796.0	1,138.0	1,180.0	778.0	3,892.0
Percentage Change from the Same Period in Previous Year					
1980	-22.6	-37.5	-45.2	-30.7	-34.4
1981	-31.6	-33.3	-28.1	-45.6	-34.7
1982	-39.1	-23.1	-1.9	20.8	-13.7
1983	89.8	77.6	37.7	8.6	49.5
1984	21.9	39.1	29.4	28.9	30.0
1985	-26.6	-6.6	47.4	39.3	11.5
1986	15.3	-0.8	-17.6	-5.8	-5.1
1987	64.6	33.7	5.5	23.4	29.1
1988	-13.1	7.8	46.7	-24.5	3.7
1989	11.4	-8.3	-4.9	59.5	9.0
1990	30.4	-8.9	-43.2	-17.2	-12.5
1991	-43.1	-31.6	15.1	-3.6	-19.6
1992	20.4	4.8	6.5	-42.5	-5.2
1993	-12.9	23.9	-23.3	50.5	3.8
1994	-16.2	-26.5	34.0	-0.2	-3.7
1995	-17.2	18.2	-17.3	-36.5	-14.9

Source: County building departments.

Table E-4

NUMBER OF MULTI-FAMILY UNITS AUTHORIZED

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
1980	1,237.0	1,095.0	2,340.0	1,931.0	6,603.0
1981	742.0	1,877.0	409.0	114.0	3,142.0
1982	313.0	182.0	1,831.0	2,268.0	4,594.0
1983	11.0	158.0	1,058.0	104.0	1,331.0
1984	61.0	331.0	134.0	495.0	1,021.0
1985	1,151.0	696.0	291.0	312.0	2,450.0
1986	1,247.0	299.0	509.0	424.0	2,479.0
1987	488.0	567.0	99.0	305.0	1,459.0
1988	428.0	702.0	528.0	935.0	2,593.0
1989	309.0	1,501.0	664.0	457.0	2,931.0
1990	495.0	690.0	349.0	1,138.0	2,672.0
1991	2,330.0	973.0	764.0	736.0	4,803.0
1992	520.0	484.0	1,219.0	517.0	2,740.0
1993	272.0	556.0	1,120.0	476.0	2,424.0
1994	427.0	974.0	630.0	774.0	2,805.0
1995	1,290.0	290.0	874.0	192.0	2,646.0
Percentage Change from the Same Period in Previous Year					
1980	-47.8	1.3	99.8	13.7	4.0
1981	-40.0	71.4	-82.5	-94.1	-52.4
1982	-57.8	-90.3	347.7	1889.5	46.2
1983	-96.5	-13.2	-42.2	-95.4	-71.0
1984	454.5	109.5	-87.3	376.0	-23.3
1985	1786.9	110.3	117.2	-37.0	140.0
1986	8.3	-57.0	74.9	35.9	1.2
1987	-60.9	89.6	-80.6	-28.1	-41.1
1988	-12.3	23.8	433.3	206.6	77.7
1989	-27.8	113.8	25.8	-51.1	13.0
1990	60.2	-54.0	-47.4	149.0	-8.8
1991	370.7	41.0	118.9	-35.3	79.8
1992	-77.7	-50.3	59.6	-29.8	-43.0
1993	-47.7	14.9	-8.1	-7.9	-11.5
1994	57.0	75.2	-43.8	62.6	15.7
1995	202.1	-70.2	38.7	-75.2	-5.7

Source: County building departments.

Table E-5

**HONOLULU CONSTRUCTION COST INDEX:
1980-1995, SINGLE FAMILY RESIDENCE (1992=100)**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
1980	60.9	59.5	60.7	61.7	60.7
1981	61.6	61.3	62.9	63.9	62.4
1982	65.4	64.5	65.0	66.3	65.3
1983	69.6	71.0	72.4	73.1	71.5
1984	74.7	74.3	74.5	75.0	74.6
1985	76.1	75.7	77.6	77.2	76.6
1986	78.5	78.1	79.1	81.5	79.3
1987	80.9	81.3	82.5	83.6	82.1
1988	86.7	85.4	86.6	88.0	86.7
1989	89.5	90.5	90.3	91.5	90.5
1990	91.6	92.5	97.3	99.0	95.1
1991	98.6	97.7	98.3	99.1	98.4
1992	101.5	102.7	103.1	103.3	102.7
1993	108.2	114.9	112.2	110.6	115.5
1994	118.4	124.3	121.6	120.5	121.2
1995	117.6	117.8	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	10.0	5.8	5.9	4.1	6.5
1981	1.2	3.0	3.6	3.6	2.8
1982	6.2	5.2	3.3	3.8	4.6
1983	6.4	10.1	11.4	10.3	9.5
1984	7.3	4.6	2.9	2.6	4.3
1985	1.9	1.9	4.2	2.9	2.7
1986	3.2	3.2	1.9	5.6	3.5
1987	3.1	4.1	4.3	2.6	3.5
1988	7.2	5.0	5.0	5.3	5.6
1989	3.2	6.0	4.3	4.0	4.4
1990	2.3	2.2	7.8	8.2	5.1
1991	7.6	5.6	1.0	0.1	3.5
1992	2.9	5.1	4.9	4.2	4.4
1993	6.6	11.9	8.8	7.1	12.5
1994	9.4	8.2	8.4	9.0	4.9
1995	-0.7	-5.2	n/a	n/a	n/a

Note: n/a = not available.

Source: County building departments.

Table E-6

**HONOLULU CONSTRUCTION COST INDEX:
1980-1995, HIGH-RISE BUILDING (1992=100)**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
1980	57.6	58.0	59.5	60.8	59.0
1981	61.1	61.9	63.0	64.7	62.7
1982	67.0	66.1	66.7	68.6	67.1
1983	71.4	71.0	71.7	72.7	71.7
1984	75.0	73.9	74.1	74.6	74.4
1985	76.2	75.0	76.7	76.8	76.2
1986	78.5	77.4	78.1	79.5	78.4
1987	80.3	81.0	81.3	81.3	81.0
1988	84.7	83.4	84.3	86.0	84.6
1989	88.1	89.1	89.2	91.0	89.4
1990	90.8	92.0	98.5	100.2	95.4
1991	99.6	98.7	99.6	99.0	99.2
1992	99.7	98.5	99.6	100.0	99.4
1993	102.7	103.3	104.0	105.8	103.9
1994	107.7	109.1	109.6	113.2	109.9
1995	113.5	113.6	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1980	10.9	9.1	10.2	8.8	9.8
1981	6.1	6.7	5.9	6.4	6.3
1982	9.7	6.8	5.9	6.0	7.0
1983	6.6	7.4	7.5	6.0	6.9
1984	5.0	4.1	3.3	2.6	3.8
1985	1.6	1.5	3.5	2.9	2.4
1986	3.0	3.2	1.8	3.5	2.9
1987	2.3	4.7	4.1	2.3	3.3
1988	5.5	3.0	3.7	5.8	4.4
1989	4.0	6.8	5.8	5.8	5.7
1990	3.1	3.3	10.4	10.1	6.7
1991	9.7	7.3	1.1	-1.2	4.0
1992	0.1	-0.2	0.0	1.0	0.2
1993	3.0	4.9	4.4	5.8	4.5
1994	4.9	5.6	5.4	7.0	5.8
1995	5.4	4.1	n/a	n/a	n/a

Note: n/a = not available.

Source: County building departments.

TERMS AND DEFINITIONS

All Others - includes all gross income from any business, trade, activity, occupation, or calling not included above.

Average Daily Visitor Census - is the average number of visitors present daily in the state. Figures are computed monthly by the Hawaii Visitors Bureau, based on arrival and departure dates from inflight questionnaires.

Civilian Employment - refers to persons 16 years of age or older, who during the survey week containing the 12th of the month were either at work for pay or profit, or worked without pay for 15 hours or more on a family farm or business, or were with a job but not at work. Both permanent and temporary employees and those who are working either full- or part-time are included.

Civilian Labor Force - is the total of employed and unemployed persons, excluding those in the armed forces and 16 years of age or under. Surveys are done by census from the Department of Labor.

Civilian Unemployment - is defined as persons who are 16 years of age or older, and (1) who did not work at all during the survey week but were actively seeking work and were available for work; or (2) who did not work at all, were available for work, and were waiting to be called back from layoff or were waiting to report to a new wage or salary job within 30 days.

Commissions - includes the gross income from activities which consists of commissions. Does not include the rendering of services by an employee to his employer.

Contracting - includes building contractors, land developers, architects, engineers, and pest control operators.

Construction Jobs - are jobs held by any person engaged in construction, repairing, erecting, or improving buildings or structures of any type or description, and any installations therein. Such construction includes not only residential and non-residential building projects, both private and public, but also highway and road construction,

street and sidewalk construction, repair, excavations, bridges, docks, and other heavy construction projects.

Contribution to Social Insurance - are funds paid out to the federal government to satisfy FICA (social security) requirements.

Contracting Tax Base - is the total receipts of businesses engaged in contracting to erect, construct, repair, or improve buildings or structures of any kind or description, or to make any installation therein. It is attributed to every business engaging in the practice of architecture, engineering, land surveying, landscape architecture, and the practice of pest control or fumigation.

Dividends, Interest, and Rent - is income derived from corporate earnings, bank accounts, real estate activity, other rental activity, and any other income based on investments.

Eastbound Visitors - represents those visitors who stayed in Hawaii for at least one night but less than one year (if students, less than six months), from Asia, Australia, and the Pacific. Since the Hawaii Visitors Bureau does not have a visitor profile encompassing the entire eastbound travel market, this figure is obtained by subtracting the westbound overnight or longer visitors from the total visitor arrivals.

General Excise (Gross Income) Tax - is a tax charged to businesses on the gross proceeds of sales or gross income. The tax rate is 1/2 of 1% on wholesaling and intermediary services, blind vendors, producing, manufacturing, sugar processing and pineapple canning; all other activities (retailing business and professional services, contracting, theater, amusement, radio, interest, commissions, rentals) are taxed at 4%; except insurance commissions received by general agents, subagents and solicitors, who are taxed at .15%.

General Excise and Use Tax Base - is the taxable sales of all goods and services. It is one of the most comprehensive measures of business activity in the state.

General Fund Tax Revenues - is the general government fund used to account for all financial resources except those required to be accounted for in another fund, such as the highway fund, capital improvement fund, or airport fund.

Government, State and Local - includes activities or expenditures of the legislative and judicial branches, and some functions of the executive branch of government. It also includes expenditures for staff agencies such as the accounting, budget, purchasing, tax, and data processing offices.

Honolulu Consumer Price Index - is a measure of the average change in prices over time for a fixed market basket of goods and services published by the Bureau of Labor Statistics. The index measures price changes from a designated reference date (i.e., 1982-84), which equals 100.0. An increase of 7 percent, for example, is shown as 107.0. This change can also be expressed in dollars as follows: the price of a base period "market basket" of goods and services in the CPI has risen from \$100 in 1982-84 to \$107. Data are updated twice a year.

Hotel Jobs - are all jobs contained on a hotel payroll. The count varies between hotels depending on the reporting methods of the hotel.

Hotel Occupancy - is the percentage of occupied rooms in a hotel vis-à-vis the unoccupied rooms. Hotel occupancy rates depend not only on the number of visitors and their length of stay, but also on the hotel room inventory, e.g., a large increase in new hotel units results in a drop in occupancy rates, until such time as visitor traffic builds up enough to fill them. Rates are obtained from a sample survey conducted on a monthly basis.

Hotel Rentals - includes gross income from the furnishing of temporary accommodations in a hotel, or other place in which lodgings are regularly furnished to transients for compensation.

Hotel Rental Tax Base - is the economic base from which all hotel business activity is taxed. Includes the furnishing of temporary accommodations in a hotel, or other place in which lodgings are regularly furnished to transients for compensation.

Insurance Commissions - includes commissions received by a licensed solicitor, general agent, or sub-agent that is subject to the Hawaii insurance law.

Interest - includes interest and any gross income in the nature of interest received or derived from a business activity or from the investment of the capital of a business.

Labor Force - See Civilian Labor Force.

Manufacturing - includes compounding, canning, preserving, packing, printing, publishing, mailing, processing, refining, or preparing for sale, profit, or commercial use, either directly or through the activity of others, in whole or in part, any article, substance, or commodity.

Manufacturing Jobs - are jobs in manufacturing industries, such as textiles, apparel, printing, publishing, food processing, and durable goods.

Manufacturing Tax Base - represents the tax base on all manufacturing activities, excluding sugar processing and pineapple canning. Manufacturing refers to any person or establishment who buys materials and performs work on such materials or processes, and changes such materials into a finished or semi-finished product. Direct wholesale and retail sales by manufacturers are not included in manufacturing tax sales.

Net Income Tax - is the tax rate for individuals as well as estates and trusts, ranging from 2.0% to 10.0% of taxable income. The allowable standard deduction amounts vary by filing status—\$1900 for married filing joint return or surviving spouse with dependent child; \$1500 for single; \$1650 for head of household, and \$950 for married filing separately. Tax rates for corporations are 4.4% up to \$25,000; 5.4% for \$25,000 to \$100,000; and 6.4% over \$100,000.

Non-Agricultural Wage and Salary Jobs - is derived monthly from a sample survey of employers reporting the number of persons who received pay for any part of the pay period containing the 12th of the month. Included are all full- and part-time non-agricultural workers, permanent and temporary workers, and workers on paid sick leave and paid vacation.

Other Labor Income - is labor income other than wages and salaries.

Other Rentals - includes rental income from real or personal property except the furnishing of transient accommodations in a hotel or other place in which lodgings are regularly furnished to transients for compensation.

Personal Income - is income received by all individuals in an economy from all sources, made up of wages and salaries, other labor income, and the difference between transfer payments and personal contributions for social insurance. This figure is compiled by the Bureau of Economic Analysis (BEA).

Price Index - is a weighted average of prices in the economy at any given time, divided by the prices of the same goods in a base year. For example, the Consumer Price Index is the ratio of an average of the prices of consumer goods in each month to the average prices of the same goods in 1982-84, the base year.

Producing - includes fishing, raising, or producing of agricultural, animal, or poultry products in their natural state (or butchered, dressed, or natural resource products). Also includes the sale or geothermal resources or electrical energy produced by geothermal resources.

Proprietors' Income - measures the earnings of unincorporated businesses, (proprietorships, partnerships, and producers' cooperatives), from their current business operations. It includes both farm and nonfarm businesses, but excludes capital gains and losses.

Retailing - includes all sales of tangible personal property to the customer for use or consumption and not for resale.

Retailing Tax Base - includes the general excise tax base on retailing, the tax base on the use tax, and the tax base on the sales by blind vendors. Retail sales include sales for consumption or use by the purchaser and not for resale. The general excise tax at the retail level (4%) is sometimes loosely called a sales tax. However, it differs from a typical sales tax in two respects: (1) it is a tax on the gross income of the seller rather than a tax on the purchase price of the buyer; (2) the retail excise

tax in Hawaii applies to all retail sales (both goods and services) whereas most Mainland sales taxes exempt some commodities like food and services.

Services - includes all activities engaged in for other persons for a consideration which involve the rendering of a service as distinguished from the sale of tangible property or the production and sale of tangible property. Includes all professional services.

Services Tax Base - includes tax base data on establishments primarily engaged in providing a wide variety of services for individuals, business and government establishments, and other organizations; hotels and other lodging places; establishments providing personal, business, repair, and amusement services; health, legal, engineering, and other professional services; educational institutions; membership organizations and other miscellaneous services.

Tax Base - is the total amount of receipts in which taxes can be assessed.

Total Jobs - includes non-agricultural wage and salary workers, non-agricultural self-employed, unpaid family workers, domestics, and all agricultural workers. Persons on the payroll of more than one establishment during the pay period are counted in each establishment which reports them, if they received pay for any part of the specified pay period, but are not considered employed if they received no pay at all.

Total Visitors - represents those visitors who stayed in Hawaii for at least one night but less than one year (if students, less than six months). It includes both westbound arrivals (traveling from North America) and eastbound arrivals (traveling from Asia, Australia, and Oceania).

Transfer Payments - are payments made for which no goods or services are produced in return. Examples are welfare and social security.

Transient Accommodations Tax - is a tax levied on the furnishing of a room, apartment, suite or the like which is customarily occupied by the transient for less than 180 consecutive days for each letting by a hotel, apartment, motel, horizontal property regime or cooperative apartment, rooming house, or other place in which lodgings are

generally furnished to transients for consideration. The tax is imposed at the rate of 6%. The registration fee for transient accommodations operators is a one-time fee of \$5 for each registration consisting of 1 to 5 units and \$15 for 6 or more units.

Unemployment Rate - is a ratio of unemployed persons divided by the civilian labor force.

Use Tax - is an excise tax levied on tangible personal property which is imported or purchased from an unlicensed seller for use in the state. The tax is based upon the purchase price or value of the tangible personal property purchased or imported, whichever is applicable. Rates: 1/2 of 1%, if for resale at retail; 4%, if for use or consumption.

Wages and Salaries - is income received for services rendered.

Westbound Visitors - represents those visitors who stayed in Hawaii for at least one night but less than one year (if students, less than six months), who are traveling from North America (Mainland U.S.).

Wholesaling - includes sales of tangible personal property to licensed persons for resale or incorporation into a product or project, and sales to certain leasing companies.