

QUARTERLY STATISTICAL & ECONOMIC REPORT

September 1997

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.

The department is headed by director, Dr. Seiji F. Naya. This report was prepared under the direction of the division administrator, Dr. Pearl Imada Iboshi.

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 September 1997.

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STATE OF THE ECONOMY

Data from the second quarter of 1997 show the state of Hawaii's economy as a mixed plate. On the positive side, personal income grew strongly and over a broader range than in recent years and some labor market indicators continued to improve. On the negative side, visitor arrivals fell, hotel occupancy rates were lower, and jobs continued their slow decline after a brief pause in the first quarter.

Some aspects of the labor market continued to show improvement in the second quarter. Civilian employment grew by 0.9 percent in the year since the second quarter of 1996, while the number of unemployed fell by 5.6 percent (Table 1). For the year to date, civilian employment has risen 1.4 percent since the first half of last year, while the number of unemployed has declined by 3.0 percent. This improvement has lowered the unemployment rate by 0.5 percentage points from the first half of 1996 to the first half of 1997.

However the number of jobs continued its slow decline in the second quarter. After a brief pause in the first quarter, the number of non-agriculture wage and salary jobs fell by 0.2 percent from the second quarter of 1996. In percentage terms, the largest losses came in construction and agricultural wage and salary positions. On the other hand, both hotels and services generally showed job gains in the quarter relative to the previous year's second quarter.

Visitor arrivals fell slightly in the second quarter. From the second quarter of 1996, total visitor arrivals fell by 0.9 percent. For the first half of the year, visitor arrivals are down by 1.0 percent relative to the first half of 1996.

The pattern of visitor arrivals of the last several years continued. While both westbound and eastbound arrivals fell, westbound arrivals fell by a larger percentage (-1.4 percent) than eastbound arrivals (-0.1 percent). Westbound arrivals are well behind their peak in the early 1990s, while eastbound arrivals are near their peak (tables D-3 and D-4).

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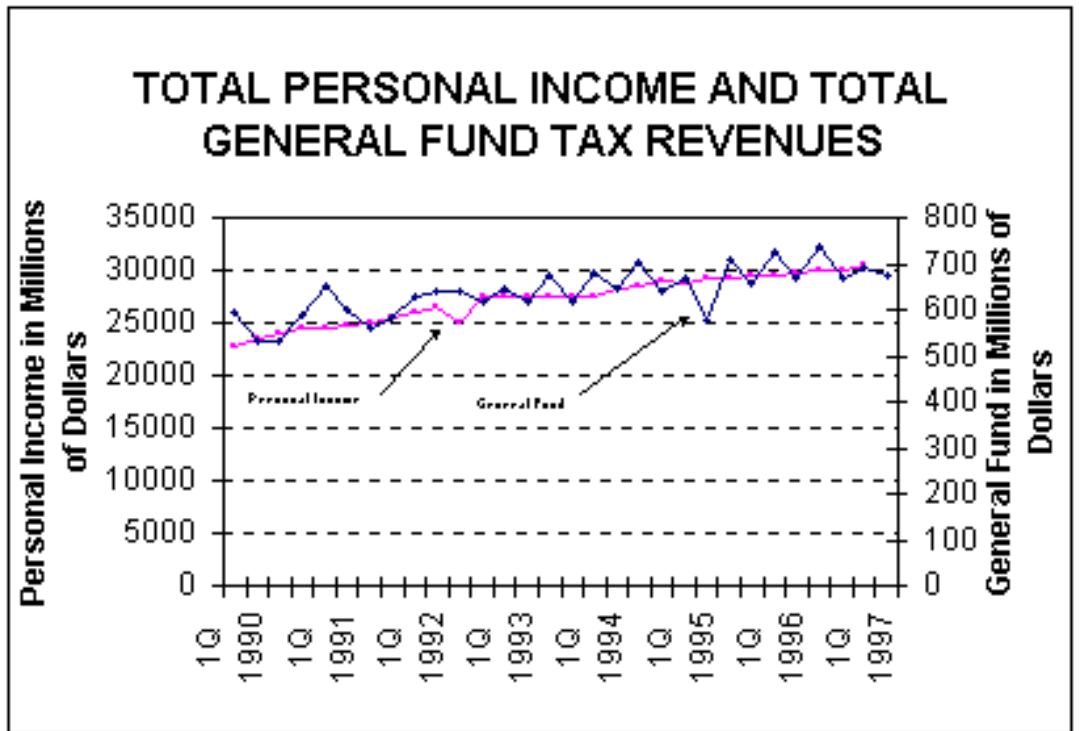
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Perhaps the brightest economic news came from the personal income data provided by the U.S. Bureau of Economic Analysis (BEA). Hawaii's personal income grew by a healthy 3.7 percent in the first quarter of 1997 relative to the year-earlier period (table B-1).¹ Not only was the rate of growth respectable, but the pattern of growth improved. Rather than growth being confined to dividends, interest, and rent and transfer payments, growth also came from wage and salary disbursements and proprietors' income. By industry, only construction and mining showed declines in earnings, while all other industries showed growth.

General fund tax revenue grew by 1.3 percent in the second quarter of 1997 over the year earlier (Table 1). However, this was not enough to offset the 5.0 percent decline in the first quarter, so that general fund revenue in the first half of 1997 was 2.0 percent lower than in the first six months of 1996. This revenue growth came primarily from the general excise and use tax (table C-3), while revenue declines from the individual income tax (table C-4) offset increases from the corporation income tax (table C-5).

From a tax standpoint, the visitor industry looks stronger: Transient accommodations tax revenue grew by 12.1 percent in the second quarter, and the hotel rental tax base for the general excise tax grew by 3.3 percent. It is possible that increases in room rates have helped to offset the declines in visitors.

Both the value of construction completed and construction jobs continued to fall in the second quarter of 1997 relative to the second quarter of 1996. The value of construction fell by 10.9 percent while the number of construction jobs declined by 10.8 percent (tables E-2 and A-6). Still, indicators of future construction activity expanded: Both the value of private building authorizations and the number of such authorizations grew strongly (tables E-2 through E-4).



Source: Data compiled from tables B-2 (Personal Income) and C-2 (State General Fund Tax Revenues).

¹ BEA's personal income data are reported with a two-quarter lag.

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OUTLOOK OF THE ECONOMY

Hawaii's economic growth has remained low in recent years despite healthy growth on the Mainland. Although Japan's economic growth has suffered recently, economic forecasts for the Japanese economy in 1997 and 1998 remain modestly optimistic.

The latest (September 10, 1997) Blue Chip Economic Indicators, a survey of approximately 50 economic forecasters, reports a consensus expected growth rate of 3.6 percent in U.S. real gross domestic product (GDP) in 1997 and a growth rate of 2.4 percent for 1998. Both forecasts represent increases in projected growth from the June 10, 1997 forecasts of 3.4 and 2.1 percent, respectively. The Blue Chip forecasters also lowered their consensus projection for the U.S. unemployment rate to 5.0 percent for 1997 and to 5.1 percent in 1998. The UCLA Anderson Forecast indicates that California's economy will grow by 5.4 percent in 1997 and by 2.3 percent in 1998.

As mentioned in the previous issue of this report, ongoing analysis by DBEDT indicates that the strong relationship between U.S. and Hawaii growth deteriorated after 1991. Since then, U.S. and California growth rates have been much less important in explaining westbound visitor arrivals or growth in economic activity.

In contrast, the relationships between Japanese growth, eastbound visitor arrivals and Hawaii economic activity remain valid. This makes expectations of growth in Japan particularly important. In spite of a large recent decline in Japanese economic growth, the Blue Chip consensus forecast for real GDP growth in Japan in 1997 is 2.2 percent, rising to 2.7 percent in 1998. The yen is also expected to appreciate from its current level of 121 per dollar to 114.5 in 1997 and to 114.1 in 1998. The rising yen should make Hawaii travel relatively more affordable for the Japanese visitor.

Hawaii's economy may be subject to external structural change in two senses. First, the relative performance of the U.S. Mainland and

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Japanese economies reflects a reversal of economic fortunes prior to the early 1990s. Second, Hawaii's economic performance is clearly less reflective of Mainland activity than in the past. Whether this is also the case relative to Japan remains unclear.

In light of these observations, the following table reports DBEDT's latest economic forecasts for the period 1997 through 2000. We have lowered our previous projection for visitor arrivals to 0.5 percent for 1997, rising gradually to 2.7 percent in 2000. Real gross state product should expand at a 1.2 percent annual rate in 1997 and by 1.5 percent in 1998. DBEDT expects the declining trend in jobs to stabilize this year and to reverse course in 1998 and beyond. Finally, inflation, as measured by changes in the Honolulu CPI, is expected to grow at the historically low rate of 1.0 percent in 1997 and by 2.0 percent in 1998.

ACTUAL AND FORECASTED KEY ECONOMIC INDICATORS FOR HAWAII: 1995 TO 2000

Economic Indicators	1995 (actual)	1996 (actual)	1997 (forecast)	1998 (forecast)	1999 (forecast)	2000 (forecast)
TOTAL POPULATION (in thousands)	1,179.2	1,183.7	1,190.9	1,197.9	1,205.2	1,212.9
VISITOR ARRIVALS (in thousands)	6,629.2	6,823.1	6,857.2	6,994.4	7,169.2	7,362.8
HONOLULU CPI-U (1982-84=100)	168.1	170.7	172.4	175.9	180.3	184.8
PERSONAL INCOME (in million dollars)	29,184.1	29,739.0	30,366.8	31,407.8	32,708.0	34,129.2
PERSONAL INCOME (in \$1987 million)	19,945.7	20,017.6	20,237.8	20,521.2	20,849.5	21,224.8
TOTAL WAGE & SALARY JOBS (in thousands)	540.2	536.7	538.0	543.0	550.9	560.7
GROSS STATE PRODUCT (in million dollars)	32,723.7	33,509.1	34,224.8	35,442.3	36,879.6	38,531.5
REAL GROSS STATE PRODUCT (in \$1987 million)	23,297.8	23,504.4	23,786.5	24,143.2	24,553.7	25,069.3
GROSS STATE PRODUCT DEFLATOR (1987=100)	140.5	142.6	143.9	146.8	150.2	153.7
Annual Percentage Growth						
TOTAL POPULATION	0.6	0.4	0.6	0.6	0.6	0.6

VISITOR ARRIVALS	3.2	2.9	0.5	2.0	2.5	2.7
HONOLULU CPI-U (1982-84=100)	2.2	1.5	1.0	2.0	2.5	2.5
PERSONAL INCOME (in million dollars)	3.1	1.9	2.1	3.4	4.1	4.3
PERSONAL INCOME (in \$1987 million)	0.9	0.4	1.1	1.4	1.6	1.8
TOTAL WAGE & SALARY JOBS	(0.7)	(0.6)	0.0	0.7	1.5	1.8
GROSS STATE PRODUCT (in million dollars)	2.4	2.4	2.1	3.6	4.1	4.5
REAL GROSS STATE PRODUCT (in \$1987 million)	0.5	0.9	1.2	1.5	1.7	2.1
GROSS STATE PRODUCT DEFLATOR (1987=100)	1.9	1.5	0.9	2.0	2.3	2.3

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COUNTY ECONOMIC CONDITIONS

Second quarter economic indicators by county suggest that Hawaii and Maui performed relatively well according to labor market data, while Hawaii and Kauai reported relatively strong results according to visitor market information.

The expansion of the civilian labor force and civilian employment for the state as a whole was concentrated in Hawaii and Maui counties. Hawaii county's labor force expanded by 3.7 percent from the second quarter of 1996 to the second quarter of 1997, while civilian employment grew by 3.3 percent over that period (table 3). Maui enjoyed labor force growth of 3.6 percent and employment growth of 2.9 percent over the same period (table 4). However, the number of unemployed and the unemployment rate grew in both Hawaii and Maui counties over the year ending in the second quarter of 1997.

In contrast, both Honolulu and Kauai counties reported declines in civilian labor force and employment, while the level and rate of unemployment fell (tables 2 and 5).

Hawaii and Maui counties also experienced increases in the number of jobs from the second quarter of 1996 to the second quarter of 1997. Jobs grew by 4.0 percent in Hawaii county and by 2.9 percent in Maui county. However, jobs declined slightly in Honolulu and Kauai counties.

Contract construction jobs fell in all counties, with the largest percentage decline in Kauai. Agriculture wage and salary jobs also showed larger percentage declines in all counties with the exception of Maui.

All the counties reported job increases in services. Hawaii county also reported strong growth in finance, insurance, and real estate jobs, and in retail and hotel jobs. Maui's job growth came in trade (including

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retail trade) and transportation, communications and utilities. Kauai also showed growth in finance, insurance and real estate.

Reporting anomalies complicate comparisons among counties of economic activity based on general excise tax information. However, available evidence suggests that both Honolulu and Hawaii counties experienced growth in the general excise tax base while Maui and Kauai counties experienced contraction. In Honolulu and Hawaii, growth occurred in both retail and hotel tax bases. On Maui and Kauai the reported tax bases in these areas fell. Kauai also experienced a sharp drop in the contracting tax base.

Visitor industry indicators show that all counties except Maui experienced growth in arrivals from the second quarter of 1996 to the second quarter of 1997. Westbound arrivals fell in Honolulu, but expanded in the other counties. Eastbound arrivals were particularly strong in Hawaii but also robust in Honolulu and Kauai. Maui county experienced a drop of more than 13.1 percent in eastbound visitor arrivals over the period. With the exception of Hawaii county, hotel occupancy rates were lower in all counties in the second quarter of 1997 compared to the year earlier.

[Download a spreadsheet file of Tables 1-5](#) (table1-5.xls).

Table 1
SELECTED ECONOMIC ACTIVITIES: STATE

SERIES	UNIT	2nd QUARTER 1997		YEAR-TO-DATE	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE 1/	1,000	593.5	0.5	593.4	0.9
Civilian Employment	1,000	556.9	0.9	558.4	1.4
Civilian Unemployment	1,000	36.6	-5.6	34.9	-3.0
UNEMPLOYMENT RATE 2/	%	6.2	-0.4	5.9	-0.5
TOTAL NON-AGR. WAGE & SALARY JOBS 1/	1,000	530.7	-0.2	530.9	-0.1
Contract Construction	1,000	21.1	-10.8	21.5	-9.3
Manufacturing	1,000	16.4	-1.5	16.4	-1.7
Trans., Comm., Utilities	1,000	40.9	0.6	41.1	0.7
Trade	1,000	134.2	-0.2	134.7	-0.3
Retail	1,000	112.6	-0.4	113.1	-0.5
Finance, Insur., & Real Estate	1,000	35.9	-2.8	36.0	-2.5
Services & Miscellaneous	1,000	168.3	1.8	168.3	1.8
Hotels	1,000	39.2	2.8	39.4	3.2
Government	1,000	113.9	-0.1	113.0	0.0
State	1,000	66.5	0.7	65.8	0.9
Federal	1,000	30.6	-2.8	30.6	-2.6
AGRICULTURE WAGE AND SALARY JOBS	1,000	6.8	-5.1	6.9	-3.5
STATE GENERAL FUND TAX REVENUES	\$MILL	676.2	1.3	1,364.9	-2.0
TRANS. ACCOM. TAX REVENUES	\$MILL	33.8	12.1	65.8	2.3
GENERAL EXCISE & USE TAX BASE	\$MILL	11,730.1	-0.4	23,707.0	-1.6
Retailing Tax Base	\$MILL	3,917.0	2.4	7,944.0	-1.1
Services Tax Base	\$MILL	1,392.7	-2.9	2,737.4	-2.4
Contracting Tax Base	\$MILL	749.6	-8.0	1,423.6	-13.1
Hotel Rental Tax Base	\$MILL	535.4	3.3	1,069.2	3.2
Producing Tax Base	\$MILL	111.1	-10.4	245.8	-1.0
VISITOR ARRIVALS 3/	PERSONS	1,654,150	-0.9	3,382,850	-1.0
Westbound Visitors	PERSONS	996,240	-1.4	2,034,730	-1.3
Eastbound Visitors	PERSONS	657,910	-0.1	1,348,120	-0.6
HOTEL OCCUPANCY RATES 2/	%	70.3	-2.2	74.8	-2.5

Notes: 1/ Labor force and jobs averages are based on monthly rounded data. Labor force data were also rebenchmarked in February of 1997. Self-employed data are no longer published by DLIR.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ Preliminary data. 1996 arrival data revised by HVCB on 8/29/97.

Sources: Hawaii Dept. of Labor & Industrial Relations; Dept. of Taxation; Hawaii Visitors and Convention Bureau; and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Table 2

SELECTED ECONOMIC ACTIVITIES: CITY AND COUNTY OF HONOLULU

SERIES	UNIT	2nd QUARTER 1997		YEAR-TO-DATE	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE 1/	1,000	427.8	-0.6	427.5	0.0
Civilian Employment	1,000	406.5	-0.5	407.0	0.3
Civilian Unemployment	1,000	21.3	-3.4	20.5	-5.5
UNEMPLOYMENT RATE 2/	%	5.0	-0.1	4.8	-0.1
TOTAL NON-AGR. WAGE & SALARY JOBS	1,000	403.5	-0.8	403.3	-0.8
Contract Construction	1,000	16.0	-12.8	16.1	-11.6
Manufacturing	1,000	12.7	0.0	12.7	-0.5
Trans., Comm., Utilities	1,000	33.1	0.4	33.2	0.6
Trade	1,000	99.1	-1.6	99.5	-1.6
Retail	1,000	81.0	-2.4	81.5	-2.2
Finance, Insur., & Real Estate	1,000	29.0	-4.5	29.1	-3.7
Services & Miscellaneous	1,000	121.8	1.3	121.6	1.1
Hotels	1,000	18.5	-0.3	18.6	1.5
Government	1,000	91.9	0.6	91.1	0.3
State	1,000	51.5	1.0	50.9	1.1
Federal	1,000	28.8	-0.8	28.8	-1.7
AGRICULTURE WAGE AND SALARY JOBS	1,000	1.9	-8.3	1.9	-7.1
TRANS. ACCOM. TAX REVENUES	\$MILL	25.4	16.5	49.3	6.4
GENERAL EXCISE & USE TAX BASE	\$MILL	10,452.3	1.4	21,136.5	0.9
Retailing Tax Base	\$MILL	3,525.5	5.5	7,157.0	2.6
Services Tax Base	\$MILL	1,187.9	-3.0	2,332.5	-2.0
Contracting Tax Base	\$MILL	642.7	-7.2	1,209.0	-13.1
Hotel Rental Tax Base	\$MILL	426.6	7.3	856.8	11.8
Producing Tax Base	\$MILL	86.0	-8.3	188.3	8.2
VISITOR ARRIVALS 3/	PERSONS	1,201,840	1.3	2,437,590	-1.3
Westbound Visitors	PERSONS	559,420	-5.9	1,143,790	-5.4
Eastbound Visitors	PERSONS	642,420	8.6	1,293,800	2.6
HOTEL OCCUPANCY RATES 2/	%	74.9	-2.0	79.4	-2.4

Notes: 1/ Labor force and jobs averages are based on monthly rounded data. Labor force data were also rebenchmarked in February of 1997. Self-employed data are no longer published by DLIR.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ Preliminary data. 1996 arrival data revised by HVCB on 8/29/97.

Sources: Hawaii Dept. of Labor & Industrial Relations; Dept. of Taxation; Hawaii Visitors and Convention Bureau; and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Table 3
SELECTED ECONOMIC ACTIVITIES: HAWAII COUNTY

SERIES	UNIT	2nd QUARTER 1997		YEAR-TO-DATE	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE 1/	1,000	68.0	3.7	67.7	3.6
Civilian Employment	1,000	60.9	3.3	61.3	4.0
Civilian Unemployment	1,000	7.1	7.0	6.4	0.0
UNEMPLOYMENT RATE 2/	%	10.4	0.3	9.4	-0.3
TOTAL NON-AGR. WAGE & SALARY JOBS	1,000	48.6	4.0	48.8	3.3
Contract Construction	1,000	2.2	-6.3	2.4	0.0
Manufacturing	1,000	1.6	3.3	1.6	-2.1
Trans., Comm., Utilities	1,000	2.6	5.4	2.6	2.3
Trade	1,000	13.0	5.7	13.0	4.4
Retail	1,000	11.4	7.1	11.4	5.3
Finance, Insur., & Real Estate	1,000	2.5	9.5	2.5	4.1
Services & Miscellaneous	1,000	16.5	5.6	16.5	5.5
Hotels	1,000	6.4	8.1	6.5	9.3
Government	1,000	10.3	0.5	10.3	0.5
State	1,000	7.3	0.0	7.2	0.0
Federal	1,000	0.9	1.9	0.9	1.0
AGRICULTURE WAGE AND SALARY JOBS	1,000	2.3	-12.9	2.3	-11.4
TRANS. ACCOM. TAX REVENUES	\$MILL	2.0	47.5	3.9	-3.8
GENERAL EXCISE & USE TAX BASE	\$MILL	512.9	7.9	1,033.9	-11.3
Retailing Tax Base	\$MILL	146.7	6.6	299.7	-19.8
Services Tax Base	\$MILL	89.3	-1.1	177.3	-7.2
Contracting Tax Base	\$MILL	43.9	-1.1	90.0	-9.9
Hotel Rental Tax Base	\$MILL	21.2	238.6	35.8	-27.3
Producing Tax Base	\$MILL	17.0	-17.9	42.2	-18.2
VISITOR ARRIVALS 3/	PERSONS	294,310	3.3	627,740	7.0
Westbound Visitors	PERSONS	218,690	0.9	469,150	3.7
Eastbound Visitors	PERSONS	75,620	10.8	158,590	18.5
HOTEL OCCUPANCY RATES 2/	%	62.3	2.7	67.8	2.8

Notes: 1/ Labor force and jobs averages are based on monthly rounded data. Labor force data were also rebenchmarked in February of 1997. Self-employed data are no longer published by DLIR.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ Preliminary data. 1996 arrival data revised by HVCB on 8/29/97.

Sources: Hawaii Dept. of Labor & Industrial Relations; Dept. of Taxation; Hawaii Visitors and Convention Bureau; and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Table 4
SELECTED ECONOMIC ACTIVITIES: MAUI COUNTY

SERIES	UNIT	2nd QUARTER 1997		YEAR-TO-DATE	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE 1/	1,000	69.4	3.6	69.4	3.9
Civilian Employment	1,000	64.2	2.9	64.5	3.9
Civilian Unemployment	1,000	5.2	12.6	4.9	3.0
UNEMPLOYMENT RATE 2/	%	7.5	0.6	7.1	-0.1
TOTAL NON-AGR. WAGE & SALARY JOBS	1,000	55.2	2.9	55.3	2.9
Contract Construction	1,000	1.9	-11.8	1.9	-9.4
Manufacturing	1,000	1.7	-4.6	1.7	-3.8
Trans., Comm., Utilities	1,000	3.7	7.2	3.7	4.9
Trade	1,000	15.4	4.5	15.4	3.5
Retail	1,000	14.0	4.6	14.0	3.5
Finance, Insur., & Real Estate	1,000	2.9	2.9	2.9	2.0
Services & Miscellaneous	1,000	21.9	3.2	22.1	4.2
Hotels	1,000	10.8	-0.9	11.0	0.3
Government	1,000	7.7	2.2	7.6	2.2
State	1,000	5.2	1.3	5.1	2.0
Federal	1,000	0.5	0.0	0.5	0.0
AGRICULTURE WAGE AND SALARY JOBS	1,000	2.0	8.9	2.0	10.5
TRANS. ACCOM. TAX REVENUES	\$MILL	5.1	-12.7	10.3	-12.0
GENERAL EXCISE & USE TAX BASE	\$MILL	564.3	-14.3	1,132.6	-17.4
Retailing Tax Base	\$MILL	179.1	-15.4	358.4	-21.3
Services Tax Base	\$MILL	87.6	7.8	171.3	4.8
Contracting Tax Base	\$MILL	45.5	-6.2	86.1	-8.7
Hotel Rental Tax Base	\$MILL	70.6	-22.9	144.7	-20.3
Producing Tax Base	\$MILL	6.5	7.8	12.7	-15.0
VISITOR ARRIVALS 3/	PERSONS	563,680	-2.3	1,166,010	-2.9
Westbound Visitors	PERSONS	466,370	0.3	947,640	0.1
Eastbound Visitors	PERSONS	97,310	-13.1	218,370	-14.2
HOTEL OCCUPANCY RATES 2/ 4/	%	66.9	-4.4	72.5	-4.0

Notes: 1/ Labor force and jobs averages are based on monthly rounded data. Labor force data were also rebenchmarked in February of 1997. Self-employed data are no longer published by DLIR.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ Preliminary data. 1996 arrival data revised by HVCB on 8/29/97.

4/ Data represents Maui island only.

Sources: Hawaii Dept. of Labor & Industrial Relations; Dept. of Taxation; Hawaii Visitors and Convention Bureau; and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Table 5
SELECTED ECONOMIC ACTIVITIES: KAUAI COUNTY

SERIES	UNIT	2nd QUARTER 1997		YEAR-TO-DATE	
		NUMBER	% CHANGE YEAR AGO	NUMBER	% CHANGE YEAR AGO
CIVILIAN LABOR FORCE 1/	1,000	28.3	-2.5	28.7	-0.7
Civilian Employment	1,000	25.3	-1.4	25.6	0.8
Civilian Unemployment	1,000	3.0	-10.4	3.1	-11.7
UNEMPLOYMENT RATE 2/	%	10.7	-0.9	10.7	-1.3
TOTAL NON-AGR. WAGE & SALARY JOBS	1,000	23.4	-0.5	23.5	0.4
Contract Construction	1,000	1.0	-24.4	1.1	-13.9
Manufacturing	1,000	0.5	-10.0	0.5	-6.7
Trans., Comm., Utilities	1,000	1.5	2.3	1.5	0.6
Trade	1,000	6.8	1.2	6.8	2.6
Retail	1,000	6.3	1.6	6.3	3.1
Finance, Insur., & Real Estate	1,000	1.4	8.8	1.5	5.5
Services & Miscellaneous	1,000	8.2	1.7	8.2	1.2
Hotels	1,000	3.4	-2.4	3.4	-1.5
Government	1,000	4.0	-0.8	4.0	-0.8
State	1,000	2.6	-1.3	2.6	-0.3
Federal	1,000	0.4	0.0	0.4	0.0
AGRICULTURE WAGE AND SALARY JOBS	1,000	0.6	-27.4	0.7	-13.7
TRANS. ACCOM. TAX REVENUES	\$MILL	1.2	13.6	2.2	2.4
GENERAL EXCISE & USE TAX BASE	\$MILL	200.6	-8.7	404.0	-17.7
Retailing Tax Base	\$MILL	65.6	-0.2	128.9	-17.5
Services Tax Base	\$MILL	28.0	-16.4	56.4	-18.3
Contracting Tax Base	\$MILL	17.5	-33.6	38.5	-23.8
Hotel Rental Tax Base	\$MILL	17.0	-0.7	31.9	-4.0
Producing Tax Base	\$MILL	1.6	-15.8	2.6	-57.1
VISITOR ARRIVALS 3/	PERSONS	260,390	2.5	498,900	3.0
Westbound Visitors	PERSONS	217,360	1.5	426,820	2.2
Eastbound Visitors	PERSONS	43,030	7.7	72,080	7.9
HOTEL OCCUPANCY RATES 2/	%	67.4	-2.9	65.8	-3.9

Notes: 1/ Labor force and jobs averages are based on monthly rounded data. Labor force data were also rebenchmarked in February of 1997. Self-employed data are no longer published by DLIR.

2/ Change represents absolute change in rates rather than percentage change in rates.

3/ Preliminary data. 1996 arrival data revised by HVCB on 8/29/97.

Sources: Hawaii Dept. of Labor & Industrial Relations; Dept. of Taxation; Hawaii Visitors and Convention Bureau; and PKF-Hawaii. Compiled by Economic Planning Information System, READ, DBEDT.

Quarterly Statistical & Economic Report

September 1997

LABOR FORCE AND JOBS

Hawaii's labor market continues to present a mixed perspective on the health of economic activity. The civilian labor force and civilian employment continued to grow at modest rates, and the number of unemployed again declined. However, the number of non-agricultural jobs resumed a slow decline in the second quarter after a brief pause in the first quarter.

The civilian labor force grew 0.5 percent from the second quarter of 1996 to the second quarter of 1997 (table A-1). It now stands at a historical high of 593,500. Civilian employment also grew for the eighth consecutive quarter at 0.9 percent over the second quarter of 1996 (table A-2). Civilian employment now stands at 556,000, just under the second-quarter peak of 557,100 achieved in 1991.

Unemployment also continues to fall. Declining for the second consecutive quarter, the number of unemployed fell by 5.6 percent in the second quarter of 1997 over the year-earlier period (table A-3). This meant that the unemployment rate of 6.2 percent was 0.4 percentage points lower than in the second quarter of 1996 (table A-4).

In spite of this positive news, the number of non-agricultural jobs fell by 0.2 percent from the second quarter of 1996 to the second quarter of 1997 (table A-5). This resumes the slow decline in jobs that began in the fourth quarter of 1992, but which paused in the fourth quarter of 1994 and the first quarter of 1995, and appeared to pause again in the first quarter of 1997.

In the private sector, the construction industry again led the group in terms of job losses. Construction jobs fell by 10.8 percent from the second quarter of 1996 to the second quarter of 1997, a loss of 2,600 jobs (table A-6). The number of construction jobs now stands at 1987 levels.

Introduction

Part I - Economic Trends and Outlook

- State of the Economy
- Outlook of the Economy
- County Economic Conditions

Part II - Labor Force and Jobs - Overview

Part III - Income and Prices - Overview

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Other private industries experiencing job losses include manufacturing (-1.5 percent, table A-7), communication (-1.1 percent, table A-9), utilities (-5.3 percent, table A-10), retail trade (-0.4 percent, table A-11), finance, insurance, and real estate (-2.8 percent, table A-13), and agriculture wage and salary jobs (-5.1 percent, table A-19).

Industries with job gains include transportation (1.6 percent, table A-8), wholesale trade (1.0 percent, table A-12), services (1.8 percent, table A-14), and hotels (2.8 percent, table A-15). Service jobs are at their highest second-quarter level, while hotel jobs at 39,200 are slightly below their second-quarter peak of 41,300 recorded in 1992.

In the public sector, federal government jobs fell 2.8 percent in the second quarter relative to the year-earlier period (table A-16). This is the second consecutive quarter of federal government job decline in excess of 2 percentage points. State government jobs expanded by 0.7 percentage points in the second quarter (table A-17). Local government jobs expanded at a faster 2.3 percent rate, and now stand at a second-quarter high.

[Download a spreadsheet file of Tables A-1 through A-20](#) (tables-a.xls).

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					
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	532.0	539.8	544.6	551.7	542.0
1991	568.7	573.0	576.1	577.1	573.7
1992	579.2	582.9	585.4	588.7	584.1
1993	587.0	588.0	585.1	583.8	586.0
1994	581.5	581.9	580.1	577.1	580.2
1995	574.2	577.1	577.8	579.3	577.1
1996	585.1	590.7	592.9	594.8	590.9
1997	593.2	593.5	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	2.4	2.5	4.4	4.5	3.4
1991	6.9	6.2	5.8	4.6	5.9
1992	1.8	1.7	1.6	2.0	1.8
1993	1.3	0.9	0.0	-0.8	0.3
1994	-0.9	-1.0	-0.9	-1.1	-1.0
1995	-1.3	-0.8	-0.4	0.4	-0.5
1996	1.9	2.4	2.6	2.7	2.4
1997	1.4	0.5	n/a	n/a	n/a

Note: n/a = not available.

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					
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	517.3	523.1	529.1	538.5	527.0
1991	553.9	557.1	559.4	560.6	557.8
1992	557.4	555.7	556.3	560.4	557.8
1993	560.6	563.0	560.6	559.4	560.9
1994	549.2	545.2	541.6	544.0	545.0
1995	541.7	542.8	541.9	546.6	543.3
1996	549.0	552.0	553.5	558.3	553.2
1997	560.0	556.9	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	2.4	2.1	3.4	4.6	3.1
1991	7.1	6.5	5.7	4.1	5.8
1992	0.6	-0.3	-0.6	0.0	0.0
1993	0.6	1.3	0.8	-0.2	0.6
1994	-2.0	-3.2	-3.4	-2.7	-2.8
1995	-1.4	-0.4	0.1	0.5	-0.3
1996	1.4	1.7	2.1	2.1	1.8
1997	2.0	0.9	n/a	n/a	n/a

Note: n/a = not available.

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					
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	20.8	21.6	15.9	20.0
1988	14.7	18.1	16.7	14.4	16.0
1989	14.2	14.5	10.1	13.3	13.0
1990	14.7	16.7	15.6	13.1	15.0
1991	14.8	15.9	16.7	16.5	16.0
1992	21.8	27.3	29.1	28.3	26.6
1993	26.4	25.0	24.5	24.4	25.1
1994	32.3	36.7	38.6	33.1	35.2
1995	32.6	34.4	35.9	32.5	33.9
1996	36.1	38.8	39.4	36.5	37.7
1997	33.2	36.6	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	1.4	0.7	3.0	-5.0	0.0
1986	-10.1	-10.2	-10.2	-14.0	-11.1
1987	-7.6	-13.4	-16.2	-30.0	-16.7
1988	-32.1	-13.0	-22.6	-9.2	-20.0
1989	-3.8	-20.3	-39.7	-7.9	-18.8
1990	3.4	15.2	54.4	-1.2	15.4
1991	0.9	-4.4	7.3	25.8	6.5
1992	47.7	71.4	74.3	71.4	66.7
1993	21.0	-8.4	-15.9	-13.7	-5.8
1994	22.4	46.6	57.5	35.6	40.2
1995	0.7	-6.0	-7.0	-1.9	-3.7
1996	10.9	12.7	9.9	12.4	11.4
1997	-7.9	-5.6	n/a	n/a	n/a

Note: n/a = not available.

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					
1985	5.5	5.6	6.0	5.4	5.6
1986	4.8	4.9	5.2	4.5	4.9
1987	4.3	4.1	4.2	3.1	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	2.8	3.1	2.9	2.4	2.8
1991	2.6	2.8	2.9	2.9	2.8
1992	3.8	4.7	5.0	4.8	4.6
1993	4.5	4.3	4.2	4.2	4.3
1994	5.6	6.3	6.6	5.7	6.1
1995	5.7	6.0	6.2	5.6	5.9
1996	6.2	6.6	6.6	6.1	6.4
1997	5.6	6.2	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-5

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					
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	476.8	488.2	478.1
1989	495.4	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	536.0	536.2	526.0	533.2	532.9
1996	531.2	531.6	523.0	531.3	529.3
1997	531.1	530.7	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	5.0	5.1	4.3	3.8	4.5
1991	3.4	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	0.1	-0.3	-0.8	-1.4	-0.6
1996	-0.9	-0.9	-0.6	-0.3	-0.7
1997	0.0	-0.2	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-6
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					
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	28.5	29.2
1995	26.5	26.2	26.7	25.8	26.3
1996	23.8	23.7	23.9	22.5	23.5
1997	21.9	21.1	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	-9.1	-9.7	-9.7
1995	-10.1	-10.8	-9.8	-9.3	-9.9
1996	-10.4	-9.6	-10.3	-12.8	-10.8
1997	-7.9	-10.8	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-7
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					
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	17.2	17.1	17.0
1996	16.7	16.7	16.7	16.5	16.6
1997	16.4	16.4	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	-7.7	-7.2	-7.2
1995	-5.8	-6.3	-3.7	-1.9	-4.3
1996	-0.6	-1.2	-3.2	-3.5	-2.4
1997	-1.9	-1.5	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-8
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					
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	31.7	31.7	31.9
1995	30.6	30.8	30.7	30.7	30.7
1996	30.8	30.7	30.9	31.3	30.9
1997	31.4	31.2	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	1.3	1.9	1.8
1995	-4.0	-4.7	-3.0	-3.4	-3.7
1996	0.7	-0.3	0.5	2.1	0.7
1997	1.8	1.6	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-9
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					
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	6.3	6.3	6.3	6.3
1996	6.3	6.3	6.4	6.4	6.4
1997	6.3	6.2	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	-1.6	2.4	-2.4
1995	-2.9	0.8	1.9	-0.5	-0.2
1996	2.4	0.8	0.8	0.8	1.6
1997	-0.8	-1.1	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-10
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					
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
1996	3.8	3.8	3.7	3.6	3.7
1997	3.6	3.6	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	1.9	1.9	4.2	2.7
1995	2.8	3.2	2.7	2.2	2.7
1996	1.4	0.0	-2.7	-5.3	-1.3
1997	-4.0	-5.3	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-11
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					
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	114.5	115.7	114.3
1996	114.4	113.0	113.2	114.7	113.8
1997	113.7	112.6	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	2.4	0.7	2.2
1996	0.6	-0.2	-1.2	-0.9	-0.4
1997	-0.6	-0.4	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-12

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					
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	21.8	21.8	21.9
1994	21.5	21.5	21.6	21.5	21.5
1995	21.6	21.5	21.5	21.6	21.6
1996	21.5	21.4	21.5	21.6	21.5
1997	21.5	21.6	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	-2.6	-2.7	-2.6
1994	-2.0	-2.6	-1.1	-1.4	-1.9
1995	0.4	-0.2	-0.2	0.5	0.1
1996	-0.5	-0.5	-0.2	-0.2	-0.5
1997	-0.2	1.0	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-13

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					
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	37.8	38.4
1995	37.2	37.0	37.3	37.1	37.2
1996	37.0	36.9	36.9	36.6	36.8
1997	36.1	35.9	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	-0.6	-2.6	-3.5	-1.4
1995	-3.9	-4.0	-3.2	-1.9	-3.3
1996	-0.7	-0.3	-1.1	-1.3	-0.9
1997	-2.2	-2.8	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-14

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					
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	165.1	164.6	164.1	164.4	164.5
1996	165.4	165.3	166.2	167.5	166.1
1997	168.4	168.3	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	-0.6	0.4
1996	0.2	0.4	1.3	1.9	1.0
1997	1.8	1.8	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-15
HOTEL 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					
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	31.3
1988	33.7	33.5	34.4	35.7	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	41.3	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	38.2	37.5	37.7	37.7	37.8
1996	38.2	38.1	38.5	39.0	38.5
1997	39.6	39.2	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	4.1	1.5	3.0	1.5	2.5
1986	-1.0	1.0	2.8	0.8	0.9
1987	4.8	4.7	5.5	12.5	6.9
1988	10.3	9.9	10.1	9.0	9.8
1989	9.4	9.3	8.0	4.9	7.9
1990	2.0	5.0	4.6	7.2	4.7
1991	7.8	3.5	6.4	3.4	5.2
1992	2.4	3.8	-1.2	-3.2	0.4
1993	-6.8	-7.9	-7.7	-6.6	-7.3
1994	-2.4	-0.6	1.2	2.1	0.1
1995	1.1	-1.0	-1.2	-1.7	-0.7
1996	0.1	1.6	2.3	3.4	1.9
1997	3.7	2.8	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-16

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					
1985	32.3	32.3	32.4	32.5	32.4
1986	32.1	32.0	32.0	32.2	32.1
1987	32.0	32.7	32.9	33.4	32.8
1988	33.8	33.7	33.8	34.1	33.8
1989	33.8	33.9	34.0	34.2	34.0
1990	33.9	35.0	34.1	33.7	34.1
1991	33.4	33.5	34.4	34.1	33.9
1992	33.7	33.5	33.0	32.9	33.3
1993	31.8	32.0	31.9	31.7	31.8
1994	31.3	31.6	31.2	30.9	31.3
1995	31.0	31.2	31.2	30.9	31.1
1996	31.3	31.5	31.5	30.9	31.3
1997	30.6	30.6	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	1.7	1.2	0.7	-0.3	0.8
1986	-0.4	-1.0	-1.3	-0.8	-0.9
1987	-0.3	2.2	3.0	3.6	2.1
1988	5.4	2.9	2.5	2.0	3.2
1989	0.2	0.7	0.6	0.4	0.5
1990	0.1	3.1	0.2	-1.5	0.5
1991	-1.3	-4.2	1.1	1.3	-0.8
1992	0.7	0.0	-4.0	-3.6	-1.8
1993	-5.6	-4.5	-3.6	-3.7	-4.3
1994	-1.4	-1.3	-2.0	-2.3	-1.7
1995	-1.1	-1.2	-0.3	-0.3	-0.7
1996	1.0	1.0	1.0	0.2	0.6
1997	-2.4	-2.8	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-17

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					
1985	48.5	48.8	43.3	48.9	47.4
1986	49.8	50.2	44.5	50.0	48.6
1987	50.9	51.7	45.5	51.4	49.9
1988	52.4	53.5	47.8	53.7	51.8
1989	54.3	55.3	49.0	55.6	53.5
1990	56.9	59.9	51.3	60.2	57.1
1991	61.8	62.8	53.4	63.0	60.3
1992	64.4	65.7	55.5	64.8	62.6
1993	66.0	68.0	56.8	66.1	64.2
1994	66.5	68.2	58.0	67.3	65.0
1995	67.6	68.7	55.8	63.8	64.0
1996	64.3	66.1	55.1	63.5	62.3
1997	65.1	66.5	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	1.5	1.3	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	5.1	4.6	3.9
1989	3.6	3.4	2.5	3.5	3.3
1990	4.8	8.3	4.8	8.1	6.6
1991	8.6	4.9	4.1	4.7	5.6
1992	4.2	4.5	3.9	2.8	3.8
1993	2.6	3.6	2.3	2.0	2.7
1994	0.7	0.2	2.2	1.8	1.2
1995	1.6	0.7	-3.9	-5.2	-1.6
1996	-4.8	-3.7	-1.3	-0.4	-2.7
1997	1.2	0.7	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-18

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					
1985	12.7	12.6	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	13.9
1989	13.6	13.8	15.1	13.9	14.1
1990	13.9	14.1	15.2	14.4	14.4
1991	14.3	14.5	15.6	14.7	14.8
1992	14.7	14.9	16.2	15.3	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	16.3	16.3	17.1	16.2	16.5
1996	16.3	16.4	17.5	16.5	16.7
1997	16.4	16.8	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	1.2	-0.1	8.6	-1.1	2.4
1986	-0.9	0.1	-9.8	1.6	-2.7
1987	1.7	2.7	0.3	3.6	2.0
1988	4.7	4.1	2.1	2.6	3.3
1989	1.6	1.9	2.1	0.9	1.6
1990	2.0	2.0	1.3	3.7	2.2
1991	3.2	3.0	2.0	2.4	2.6
1992	2.4	2.7	4.0	4.3	3.4
1993	3.4	2.6	0.0	0.6	1.6
1994	1.3	0.8	0.8	-0.2	0.7
1995	5.8	5.6	4.6	5.2	5.4
1996	0.3	0.9	2.3	1.5	1.2
1997	0.7	2.3	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-19

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					
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	8.8	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	7.0	7.4	7.8	7.3
1996	7.2	7.2	7.6	7.7	7.4
1997	7.0	6.8	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	1.8	-5.0	-5.9	-4.5	-3.6
1986	0.3	-5.7	-4.0	-1.2	-2.7
1987	1.6	5.7	4.7	3.6	3.9
1988	-2.5	-7.2	-6.9	-3.7	-5.2
1989	-5.2	-0.5	-3.4	-5.4	-3.6
1990	-4.3	-3.3	2.6	1.1	-0.9
1991	-0.4	-0.1	-2.4	3.8	0.2
1992	4.5	-0.3	-5.0	-9.4	-2.8
1993	-4.8	-10.6	-8.8	-7.0	-7.8
1994	-8.5	-4.0	-3.8	-9.4	-6.4
1995	-11.4	-13.1	-13.2	2.4	-8.9
1996	0.7	2.9	2.7	-0.6	1.4
1997	-1.9	-5.1	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Table A-20
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					
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	0.1	0.1	0.0
1995	0.1	0.1	0.0	0.0	0.0
1996	0.1	0.0	0.0	0.0	0.0
1997	0.0	n/a	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Labor and Industrial Relations.

Quarterly Statistical & Economic Report

September 1997

INCOME AND PRICES

In the first significant growth for seven quarters, the U.S. Bureau of Economic Analysis (BEA) reported that Hawaii personal income rose 3.7 percent from the first quarter of 1996 to the first quarter of 1997. This news is particularly welcome as the growth was distributed widely across income categories and across industries.

Since the third quarter of 1995, Hawaii personal income has grown at low rates relative to historical experience (table B-2). If it persists, the growth reported for the first quarter of 1997 indicates a return to stronger rates of growth. However, the reader is cautioned that the BEA frequently revises its initial estimates. Conclusive evidence of a return to "normal" growth will require several more quarters of data.

Still, if these data are confirmed, they represent a significant turning point. For at least two to three years, growth in Hawaii personal income has come primarily from two categories: (1) dividends, interest, and rent, and (2) transfer payments. In contrast, the growth in the first quarter of 1997 also came from wage and salary disbursements (3.7 percent, table B-3), and proprietors' income (3.1 percent, table B-5). Indeed, the growth in wages and salaries is the highest since the fourth quarter of 1992, and the growth in proprietors' income is the highest since the second quarter of 1995.

Almost all industries shared in the growth (table B-1). In terms of percentages, the largest increases in earnings occurred in manufacturing (10.0 percent), transportation, communications, and utilities (5.0 percent), services (5.0 percent), finance, insurance and real estate (4.3 percent), and retail trade (2.2 percent).

The only industries that experienced declines in earnings were construction (-5.6 percent) and mining (-5.0 percent).

Public sector earnings also rose by 3.3 percent in the first quarter of 1997 relative to the first quarter of 1996. State and local earnings rose 5.1 percent, federal military earnings rose 2.4 percent, and federal civilian earnings rose 0.9 percent.

Introduction

Part I - Economic Trends and Outlook

- State of the Economy
- Outlook of the Economy
- County Economic Conditions

Part II - Labor Force and Jobs - Overview

Part III - Income and Prices - Overview

Part IV - Tax Base and Revenues - Overview

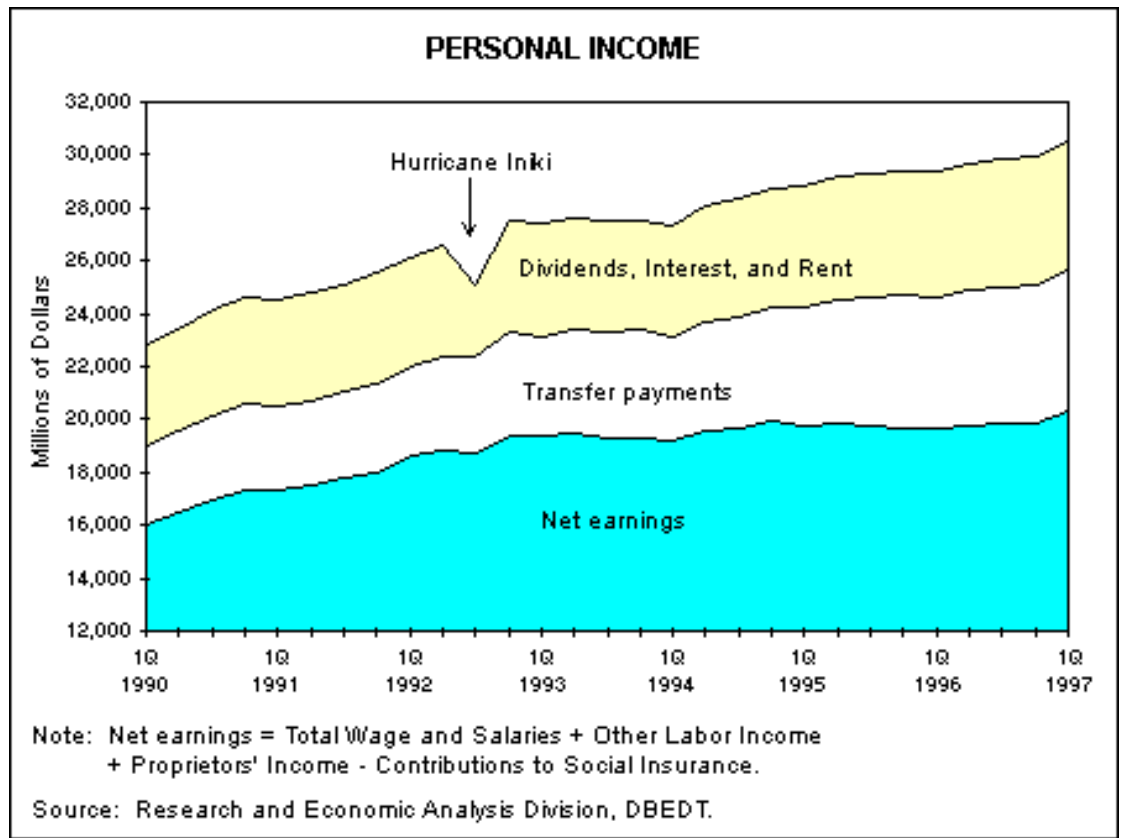
Part V - Tourism - Overview

Part VI - Construction - Overview

Terms and Definitions

Archive

Statistics & Publications



[Download a spreadsheet file of Tables B-1 through B-9 \(tables-b.xls\).](#)

Table B-1

PERSONAL INCOME FOR HAWAII BY MAJOR SOURCES

Series	1995	1996	1st Q 1997	Percentage Change from Previous Year	
				1996	1st Quarter 1997
Derivation of Personal Income					
Wage and salary disbursements	16,770	16,901	17,361	0.8	3.7
Plus: Other labor income	1,999	1,969	1,981	-1.5	0.6
Plus: Proprietors' income	2,359	2,340	2,390	-0.8	3.1
Total earnings	21,128	21,210	21,732	0.4	3.3
Less: Personal contrib. for social insur.	1,380	1,374	1,409	-0.4	3.0
Net earnings	19,749	19,836	20,323	0.4	3.4
Plus: Dividends, interest, rent	4,664	4,815	4,922	3.2	3.5
Plus: Transfer payments	4,771	5,087	5,277	6.6	5.5
Personal income	29,184	29,739	30,523	1.9	3.7
Total Earnings by Industry	21,129	21,210	21,732	0.4	3.3
Farm	161	152	156	-5.5	4.7
Nonfarm	20,968	21,058	21,576	0.4	3.3
Private	15,661	15,798	16,192	0.9	3.3
Agriculture forestry, fish., other	154	156	155	1.0	0.6
Mining	22	19	19	-12.4	-5.0
Construction	1,677	1,525	1,476	-9.1	-5.6
Manufacturing	798	792	856	-0.7	10.0
Transp., comm., utilities	1,715	1,778	1,835	3.7	5.0
Wholesale trade	803	802	813	-0.1	0.9
Retail trade	2,654	2,652	2,718	-0.1	2.2
Finance, insur., real estate	1,591	1,667	1,692	4.8	4.3
Services	6,248	6,408	6,628	2.6	5.0
Government & govt. enterprises	5,307	5,261	5,384	-0.9	3.3
Federal civilian	1,218	1,249	1,258	2.5	0.9
Federal military	1,508	1,503	1,549	-0.3	2.4
State and local	2,581	2,509	2,578	-2.8	5.1

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

Table B-2
PERSONAL 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					
1985	14,547	14,767	15,010	15,317	15,036
1986	15,590	15,841	16,283	16,505	16,106
1987	16,619	16,968	17,338	17,804	17,336
1988	18,298	18,661	19,040	19,696	19,195
1989	20,223	20,723	21,180	21,701	21,048
1990	22,801	23,438	24,123	24,603	23,741
1991	24,567	24,785	25,116	25,518	24,996
1992	26,121	26,573	25,059	27,489	26,311
1993	27,400	27,584	27,477	27,559	27,505
1994	27,546	28,235	28,520	28,916	28,304
1995	28,866	29,175	29,284	29,411	29,184
1996	29,424	29,662	29,926	29,943	29,739
1997	30,523	n/a	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	7.5	6.0	6.2	7.2	6.9
1986	7.2	7.3	8.5	7.8	7.1
1987	6.6	7.1	6.5	7.9	7.6
1988	10.1	10.0	9.8	10.6	10.7
1989	10.5	11.0	11.2	10.2	9.7
1990	(X)	(X)	(X)	(X)	12.8
1991	7.7	5.7	4.1	3.7	5.3
1992	6.3	7.2	-0.2	7.7	5.3
1993	4.9	3.8	9.6	0.3	4.5
1994	0.5	2.4	3.8	4.9	2.9
1995	4.8	3.3	2.7	1.7	3.1
1996	1.9	1.7	2.2	1.8	1.9
1997	3.7	n/a	n/a	n/a	n/a

Note: (X) = not applicable. Quarterly estimates prior to 1990 are not consistent with the annual revisions, these quarterly estimates will be revised by BEA in October 1997. Quarterly estimates from 1st quarter 1990 to 4th quarter 1996 are consistent with the annual revisions.

n/a = not available

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

Table B-3
TOTAL WAGES 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					
1985	8,940	9,077	9,224	9,397	9,215
1986	9,486	9,600	9,812	10,070	9,821
1987	10,262	10,520	10,794	11,119	10,771
1988	11,433	11,604	11,774	12,190	11,837
1989	12,467	12,820	13,176	13,527	13,083
1990	13,917	14,348	14,730	15,099	14,524
1991	15,152	15,249	15,495	15,694	15,398
1992	16,160	16,351	16,430	16,722	16,416
1993	16,604	16,811	16,610	16,526	16,638
1994	16,684	16,750	16,731	16,888	16,763
1995	16,723	16,821	16,795	16,741	16,770
1996	16,743	16,890	17,027	16,945	16,901
1997	17,361	n/a	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	6.4	5.4	6.6	7.9	6.7
1986	6.1	5.8	6.4	7.2	6.6
1987	8.2	9.6	10.0	10.4	9.7
1988	11.4	10.3	9.1	9.6	9.9
1989	9.0	10.5	11.9	11.0	10.5
1990	(X)	(X)	(X)	(X)	11.0
1991	8.9	6.3	5.2	3.9	6.0
1992	6.7	7.2	6.0	6.6	6.6
1993	2.7	2.8	1.1	-1.2	1.4
1994	0.5	-0.4	0.7	2.2	0.8
1995	0.2	0.4	0.4	-0.9	0.0
1996	0.1	0.4	1.4	1.2	0.8
1997	3.7	n/a	n/a	n/a	n/a

Note: (X) = not applicable. Quarterly estimates prior to 1990 are not consistent with the annual revisions, these quarterly estimates will be revised by BEA in October 1997. Quarterly estimates from 1st quarter 1990 to 4th quarter 1996 are consistent with the annual revisions.

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					
1985	777	775	781	791	838
1986	817	850	888	925	940
1987	895	911	925	956	1,016
1988	985	994	1,019	1,064	1,091
1989	1,095	1,139	1,182	1,216	1,245
1990	1,367	1,420	1,477	1,540	1,451
1991	1,566	1,610	1,661	1,690	1,632
1992	1,740	1,755	1,781	1,793	1,767
1993	1,892	1,898	1,893	1,871	1,889
1994	1,961	1,946	1,969	1,981	1,964
1995	1,986	2,007	2,007	1,998	1,999
1996	1,969	1,967	1,979	1,959	1,969
1997	1,981	n/a	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	4.4	0.3	0.6	1.8	5.6
1986	5.1	9.7	13.7	16.9	12.1
1987	9.5	7.2	4.2	3.4	8.1
1988	10.1	9.1	10.2	11.3	7.4
1989	11.2	14.6	16.0	14.3	14.2
1990	(X)	(X)	(X)	(X)	16.5
1991	14.6	13.4	12.5	9.7	12.5
1992	11.1	9.0	7.2	6.1	8.3
1993	8.7	8.1	6.3	4.4	6.9
1994	3.6	2.5	4.0	5.9	4.0
1995	1.3	3.1	1.9	0.9	1.8
1996	-0.9	-2.0	-1.4	-2.0	-1.5
1997	0.6	n/a	n/a	n/a	n/a

Note: (X) = not applicable. Quarterly estimates prior to 1990 are not consistent with the annual revisions, these quarterly estimates will be revised by BEA in October 1997. Quarterly estimates from 1st quarter 1990 to 4th quarter 1996 are consistent with the annual revisions.

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					
1985	1,174	1,210	1,258	1,344	1,054
1986	1,399	1,421	1,596	1,543	1,136
1987	1,550	1,579	1,620	1,665	1,247
1988	1,768	1,900	1,986	2,094	1,648
1989	2,148	2,221	2,228	2,205	1,596
1990	1,798	1,804	1,935	1,899	1,859
1991	1,859	1,917	1,897	1,858	1,883
1992	1,998	2,029	1,782	2,115	1,981
1993	2,176	2,110	2,128	2,198	2,153
1994	1,921	2,279	2,358	2,420	2,244
1995	2,386	2,380	2,355	2,316	2,359
1996	2,318	2,338	2,349	2,354	2,340
1997	2,390	n/a	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	17.6	10.4	8.7	13.8	10.6
1986	19.2	17.4	26.9	14.8	7.7
1987	10.8	11.1	1.5	7.9	9.8
1988	14.1	20.3	22.6	25.8	32.1
1989	21.5	16.9	12.2	5.3	-3.2
1990	(X)	(X)	(X)	(X)	16.5
1991	3.4	6.3	-2.0	-2.2	1.3
1992	7.5	5.8	-6.1	13.8	5.2
1993	8.9	4.0	19.4	3.9	8.7
1994	-11.7	8.0	10.8	10.1	4.2
1995	24.2	4.4	-0.1	-4.3	5.1
1996	-2.8	-1.8	-0.3	1.6	-0.8
1997	3.1	n/a	n/a	n/a	n/a

Note: (X) = not applicable. Quarterly estimates prior to 1990 are not consistent with the annual revisions, these quarterly estimates will be revised by BEA in October 1997. Quarterly estimates from 1st quarter 1990 to 4th quarter 1996 are consistent with the annual revisions.

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					
1985	2,302	2,330	2,343	2,377	2,579
1986	2,441	2,500	2,501	2,220	2,760
1987	2,450	2,467	2,501	2,563	2,838
1988	2,591	2,636	2,728	2,819	3,112
1989	2,919	2,980	2,973	3,033	3,522
1990	3,804	3,877	3,974	4,016	3,918
1991	4,049	4,056	4,075	4,153	4,084
1992	4,166	4,212	2,645	4,184	3,802
1993	4,236	4,189	4,142	4,123	4,172
1994	4,190	4,404	4,494	4,532	4,405
1995	4,629	4,668	4,647	4,712	4,664
1996	4,757	4,775	4,837	4,892	4,815
1997	4,922	n/a	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	9.9	8.2	4.5	4.0	6.9
1986	6.0	7.3	6.7	-6.6	7.0
1987	0.4	-1.3	0.0	15.5	2.8
1988	5.8	6.9	9.1	10.0	9.7
1989	12.7	13.1	9.0	7.6	13.2
1990	(X)	(X)	(X)	(X)	11.2
1991	6.4	4.6	2.5	3.4	4.2
1992	2.9	3.8	-35.1	0.7	-6.9
1993	1.7	-0.5	56.6	-1.5	9.7
1994	-1.1	5.1	8.5	9.9	5.6
1995	10.5	6.0	3.4	4.0	5.9
1996	2.8	2.3	4.1	3.8	3.2
1997	3.5	n/a	n/a	n/a	n/a

Note: (X) = not applicable. Quarterly estimates prior to 1990 are not consistent with the annual revisions, these quarterly estimates will be revised by BEA in October 1997. Quarterly estimates from 1st quarter 1990 to 4th quarter 1996 are consistent with the annual revisions.

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					
1985	2,019	2,039	2,073	2,084	2,049
1986	2,145	2,178	2,208	2,220	2,189
1987	2,201	2,244	2,266	2,287	2,264
1988	2,373	2,390	2,409	2,434	2,420
1989	2,509	2,539	2,618	2,731	2,633
1990	3,019	3,115	3,167	3,235	3,134
1991	3,160	3,171	3,221	3,367	3,230
1992	3,349	3,526	3,725	3,968	3,642
1993	3,823	3,918	4,025	4,139	3,976
1994	4,154	4,219	4,329	4,467	4,292
1995	4,519	4,684	4,864	5,018	4,771
1996	5,004	5,066	5,116	5,163	5,087
1997	5,277	n/a	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	6.2	6.6	7.7	6.9	6.7
1986	6.2	6.8	6.5	6.5	6.8
1987	2.6	3.0	2.6	3.0	3.4
1988	7.8	6.5	6.3	6.4	6.9
1989	5.7	6.2	8.7	12.2	8.8
1990	(X)	(X)	(X)	(X)	19.0
1991	4.7	1.8	1.7	4.1	3.0
1992	6.0	11.2	15.6	17.8	12.8
1993	14.2	11.1	8.1	4.3	9.2
1994	8.7	7.7	7.6	7.9	7.9
1995	8.8	11.0	12.4	12.3	11.2
1996	10.7	8.2	5.2	2.9	6.6
1997	5.5	n/a	n/a	n/a	n/a

Note: (X) = not applicable. Quarterly estimates prior to 1990 are not consistent with the annual revisions, these quarterly estimates will be revised by BEA in October 1997. Quarterly estimates from 1st quarter 1990 to 4th quarter 1996 are consistent with the annual revisions.

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					
1985	664	665	668	676	700
1986	699	707	721	736	739
1987	740	753	768	785	800
1988	852	864	875	905	913
1989	951	976	996	1,011	1,031
1990	1,105	1,126	1,160	1,185	1,144
1991	1,219	1,218	1,234	1,244	1,229
1992	1,292	1,301	1,304	1,293	1,298
1993	1,331	1,341	1,321	1,298	1,323
1994	1,364	1,363	1,362	1,372	1,365
1995	1,376	1,385	1,383	1,373	1,380
1996	1,368	1,374	1,382	1,371	1,374
1997	1,409	n/a	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	9.8	6.9	7.4	9.4	8.2
1986	5.3	6.3	7.9	8.9	5.6
1987	5.9	6.5	6.5	6.7	8.3
1988	15.1	14.7	13.9	15.3	14.2
1989	11.6	13.0	13.8	11.7	12.9
1990	(X)	(X)	(X)	(X)	10.9
1991	10.3	8.2	6.4	5.0	7.4
1992	6.0	6.8	5.7	3.9	5.6
1993	3.0	3.1	1.3	0.4	1.9
1994	2.5	1.6	3.1	5.7	3.2
1995	0.9	1.6	1.5	0.1	1.1
1996	-0.6	-0.8	-0.1	-0.1	-0.4
1997	3.0	n/a	n/a	n/a	n/a

Note: (X) = not applicable. Quarterly estimates prior to 1990 are not consistent with the annual revisions, these quarterly estimates will be revised by BEA in October 1997. Quarterly estimates from 1st quarter 1990 to 4th quarter 1996 are consistent with the annual revisions.

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 U.S. AND HONOLULU: 1985 to 1996**
[1982-84=100]

Period	U.S.	Honolulu						
		All Items	Food & Beverages	Housing	Apparel & Upkeep	Transportation	Medical Care	Entertainment
1985	107.6	106.8	107.8	106.0	99.6	104.9	113.2	111.9
1986	109.6	109.4	110.0	108.4	99.8	105.2	122.3	113.2
1987	113.6	114.9	114.1	115.0	102.5	109.7	127.9	118.6
1988	118.3	121.7	120.3	123.0	106.8	116.1	132.5	122.9
1989	124.0	128.7	128.1	131.1	104.3	123.9	139.3	124.3
1990	130.7	138.1	137.8	141.5	107.0	131.1	154.2	128.4
1991	136.2	148.0	145.9	152.8	110.5	139.3	171.3	134.3
1992	140.3	155.1	148.5	161.7	114.2	147.4	182.6	136.3
1993	144.5	160.1	152.9	166.6	116.5	150.5	197.4	138.4
1994	148.2	164.5	153.4	177.6	118.7	156.4	206.0	142.3
1995	152.4	168.1	156.8	174.7	117.5	162.4	209.8	144.2
1996	156.9	170.7	156.6	176.8	118.5	167.0	215.0	147.8
1997								
1st Half	159.9	172.1	159.4	177.3	119.8	167.8	215.6	148.3
Percentage Change from the Same Period in Previous Year								
1985	3.6	3.2	4.1	2.8	-0.6	1.9	5.5	7.3
1986	1.9	2.4	2.0	2.3	0.2	0.3	8.0	1.2
1987	3.6	5.0	3.7	6.1	2.7	4.3	4.6	4.8
1988	4.1	5.9	5.4	7.0	4.2	5.8	3.6	3.6
1989	4.8	5.8	6.5	6.6	-2.3	6.7	5.1	1.1
1990	5.4	7.3	7.6	7.9	2.6	5.8	10.7	3.3
1991	4.2	7.2	5.9	8.0	3.3	6.3	11.1	4.6
1992	3.0	4.8	1.8	5.8	3.3	5.8	6.6	1.5
1993	3.0	3.2	3.0	3.0	2.0	2.1	8.1	1.5
1994	2.6	2.7	0.3	6.6	1.9	3.9	4.4	2.8
1995	2.8	2.2	2.2	1.8	-1.0	3.8	1.8	1.3
1996	2.9	1.5	-0.1	1.2	0.8	2.8	2.5	2.5
1997								
1st Half	2.6	0.9	1.6	0.3	-0.2	0.9	0.3	0.3

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

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

Quarterly Statistical & Economic Report

September 1997

TAX BASE AND REVENUES

General fund tax revenue and the tax bases showed modest growth in some areas and some decline in others. In general, tax revenue and base data indicate strength from the visitor industry but weakness elsewhere in the economy.

General fund tax revenue grew 1.3 percent from the second quarter of 1996 to the second quarter of 1997 (table C-2). This reversed the dramatic decline in general fund tax revenue experienced in the first quarter of the year. Moreover, it is encouraging that the second quarter showed a mild revenue increase given that the second quarter of 1996 was so much stronger than the same quarter in 1995.

Most of the general fund revenue growth came from the general excise and use tax (GEUT). The GEUT grew by 2.6 percent in the year ending with the second quarter of 1997 (table C-3). This growth is also respectable as the second quarter of 1996 marked the beginning of electronic filing for the GEUT which temporarily boosted revenues last year. Thus, even moderate growth this year is noteworthy.

On the other hand, net individual income tax revenue fell in the second quarter by 2.0 percent (table C-4). In part this reflects the continuing effects of the reduction in maximum withholding rates that began in October of 1996. In dollar terms, the loss in revenue on the individual tax side was made up for by an increase in net corporate tax revenues (table C-5).

Revenue growth from economic activity seems to have come primarily from the visitor industry. Transient accommodation tax revenues grew by 12.1 percent in the second quarter of 1997 over the year earlier (table C-6), and the hotel rental tax base continued to expand modestly at 3.3 percent over the second quarter of 1996 (table C-11). In addition, the retailing tax base grew 2.4 percent in the second quarter over the year earlier, reversing the decline observed in

Introduction

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the first quarter (table C-8).

Overall, the general excise and use tax base, a broad measure of Hawaii economic activity, fell slightly by 0.4 percent from the second quarter of 1997 (table C-8). Economic sectors reporting declining tax bases included services (-2.9 percent, table C-9), the contracting tax base (-8.0 percent, table C-10), and the producing tax base (-10.4 percent, table C-12).

[Download a spreadsheet file of Tables C-1 through C-13](#) (tables-c.xls).

Table C-1

GENERAL FUND TAX REVENUES AND MAJOR COMPONENTS

<i>Year</i>	<i>General Excise and Use Tax</i>	<i>Net Individual Income Tax 1/</i>	<i>Net Corporate Income Tax 2/</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	1,308,798	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
1996	1,469,766	995,456	51,243	2,799,972
1997				
1 Qtr.	365,069	227,409	18,055	688,683
2 Qtr.	366,563	213,468	32,330	676,222
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	53.9	4.6
1995	2.9	-8.4	9.1	-2.2
1996	6.0	8.3	37.2	7.1
1997				
1 Qtr.	-5.6	-6.1	16.9	-5.0
2 Qtr.	2.6	-2.0	14.1	1.3

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

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

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

Source: Hawaii State Department of Taxation.

Table C-2

STATE GENERAL FUND 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					
1985	315.1	344.4	344.7	321.6	1,325.8
1986	347.1	393.2	377.6	368.6	1,486.5
1987	400.6	461.7	430.0	438.9	1,731.2
1988	466.1	514.6	483.6	484.9	1,949.2
1989	554.2	593.1	441.0	568.7	2,157.0
1990	596.0	530.5	531.3	589.0	2,246.8
1991	654.2	600.8	557.6	584.7	2,397.3
1992	629.7	638.9	640.3	614.8	2,523.7
1993	646.2	617.4	674.2	618.1	2,555.9
1994	681.3	648.0	703.9	639.1	2,672.3
1995	671.4	577.8	706.0	659.5	2,614.7
1996	725.3	667.7	739.0	668.0	2,800.0
1997	688.7	676.2	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	7.4	9.8	8.6	1.8	6.9
1986	10.2	14.2	9.6	14.6	12.1
1987	15.4	17.4	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	5.2	5.3
1993	2.6	-3.4	5.3	0.5	1.3
1994	5.4	5.0	4.4	3.4	4.6
1995	-1.5	-10.8	0.3	3.2	-2.2
1996	8.0	15.6	4.7	1.3	7.1
1997	-5.0	1.3	n/a	n/a	n/a

Note: n/a = not available.

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					
1985	174.1	178.7	176.8	177.9	707.4
1986	192.0	200.0	198.3	187.6	778.0
1987	216.7	214.9	219.3	218.1	869.0
1988	240.5	242.0	241.3	242.2	966.0
1989	270.8	270.7	272.6	282.3	1096.5
1990	313.1	308.6	314.3	314.2	1250.2
1991	346.0	304.2	335.7	301.9	1287.8
1992	338.3	318.8	325.3	317.3	1299.8
1993	332.7	327.5	332.7	315.9	1308.8
1994	353.4	330.3	345.8	318.5	1347.9
1995	363.1	335.9	348.0	339.6	1386.7
1996	386.7	357.4	379.0	346.6	1469.8
1997	365.1	366.6	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	5.4	2.8	6.7	7.6	5.6
1986	10.3	11.9	12.2	5.5	10.0
1987	12.9	7.4	10.6	16.2	11.7
1988	11.0	12.6	10.0	11.0	11.2
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	2.3	-0.5	0.7
1994	6.2	0.8	3.9	0.8	3.0
1995	2.8	1.7	0.7	6.6	2.9
1996	6.5	6.4	8.9	2.1	6.0
1997	-5.6	2.6	n/a	n/a	n/a

Note: Manufactured goods shipped out of state have been exempted from the general excise tax by Act 239, SLH 1987, effective January 1, 1988. n/a = not available.

Table C-4

NET INDIVIDUAL INCOME 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					
1985	108.6	100.3	125.7	111.8	446.4
1986	125.7	99.8	129.1	135.6	490.2
1987	134.4	143.6	138.8	157.9	574.7
1988	159.3	170.0	169.0	182.5	680.8
1989	205.1	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	901.0
1992	228.8	216.0	244.0	233.4	922.2
1993	233.9	211.7	263.0	242.9	951.4
1994	236.4	220.3	281.5	265.3	1,003.5
1995	224.6	154.3	277.1	262.8	918.8
1996	242.3	217.8	276.9	258.5	995.5
1997	227.4	213.5	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	-3.2	23.3	12.3	3.1	7.8
1986	15.8	-0.5	2.7	21.2	9.8
1987	6.9	43.8	7.5	16.5	17.2
1988	18.5	18.4	21.8	15.6	18.5
1989	28.7	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	16.0	1.5	5.3	2.4
1993	2.2	-2.0	7.8	4.1	3.2
1994	1.1	4.1	7.0	9.2	5.5
1995	-5.0	-30.0	-1.6	-0.9	-8.4
1996	7.9	41.1	-0.1	-1.6	8.3
1997	-6.1	-2.0	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Taxation.

Table C-5

NET CORPORATE INCOME 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					
1985	7.5	21.9	11.6	3.1	44.1
1986	7.8	17.2	14.9	6.4	46.2
1987	13.6	26.6	17.9	9.2	67.3
1988	18.1	20.8	16.2	7.9	63.1
1989	23.5	24.7	18.8	5.7	72.7
1990	22.5	27.9	29.1	6.8	86.3
1991	23.7	36.4	11.1	-0.6	70.6
1992	17.4	15.9	11.2	-1.7	42.7
1993	6.5	13.4	13.5	-11.2	22.2
1994	10.5	26.2	9.1	-11.6	34.2
1995	12.9	19.8	12.0	-7.4	37.3
1996	15.5	28.3	9.9	-2.5	51.2
1997	18.1	32.3	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	-21.5	49.2	10.7	-37.7	11.1
1986	3.5	-21.7	29.0	105.8	4.9
1987	75.3	55.0	19.8	43.9	45.6
1988	32.9	-21.6	-9.1	-14.1	-6.2
1989	29.7	18.5	15.6	-27.8	15.2
1990	-4.3	12.9	55.0	19.2	18.7
1991	5.4	30.3	-61.9	-109.0	-18.2
1992	-26.5	-56.4	0.6	-181.7	-39.4
1993	-62.5	-15.7	21.1	-549.9	-48.0
1994	59.9	96.0	-32.4	-3.5	53.9
1995	23.1	-24.4	31.7	36.2	9.1
1996	20.1	43.0	-17.6	66.7	37.2
1997	16.9	14.1	n/a	n/a	n/a

Note: Declaration of estimated taxes plus payments with returns less refunds.

n/a = not available.

Source: Hawaii State Department of Taxation.

Table C-6

TRANSIENT ACCOMMODATION 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					
1987	7.2	16.3	16.2	13.6	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	19.8	22.3	21.6	86.5
1995	27.2	27.0	26.6	24.8	105.6
1996	34.2	30.1	32.4	27.2	124.0
1997	32.0	33.8	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1988 1/	155.9	17.2	10.7	12.4	32.8
1989	12.7	15.3	3.1	29.4	14.6
1990	7.4	-0.4	15.5	-9.3	3.0
1991	-6.4	-12.8	-6.0	-0.1	-6.6
1992	-0.1	10.8	-3.3	8.6	3.7
1993	0.0	-2.5	-11.4	-13.9	-6.7
1994	9.6	-4.4	29.7	29.2	14.7
1995	18.8	36.6	19.5	15.0	22.1
1996	25.6	11.7	21.8	9.9	17.4
1997	-6.4	12.1	n/a	n/a	n/a

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

n/a = not available.

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					
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
1996	12,324	11,777	12,536	11,700	48,337
1997	11,977	11,730	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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
1996	3.8	6.9	9.5	4.1	6.1
1997	-2.8	-0.4	n/a	n/a	n/a

Note: n/a = not available.

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					
1985	2,148.0	2,102.0	2,137.0	2,112.0	8,499.0
1986	2,371.0	2,337.0	2,330.0	2,202.0	9,240.0
1987	2,393.0	2,277.0	2,374.0	2,405.0	9,449.0
1988	2,654.0	2,613.0	2,573.0	2,545.0	10,385.0
1989	3,017.0	2,814.0	2,884.0	2,893.0	11,608.0
1990	3,320.0	3,123.0	3,169.0	3,214.0	12,826.0
1991	3,659.0	3,068.0	3,525.0	3,146.0	13,398.0
1992	3,668.0	3,282.0	3,484.0	3,411.0	13,845.0
1993	3,617.0	3,395.0	3,594.0	3,370.0	13,976.0
1994	3,848.0	3,527.0	3,697.0	3,496.0	14,568.0
1995	3,932.0	3,576.0	3,846.0	3,697.0	15,051.0
1996	4,206.5	3,826.8	4,247.4	3,810.8	16,091.4
1997	4,027.0	3,917.0	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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
1996	7.0	7.0	10.4	3.1	6.9
1997	-4.3	2.4	n/a	n/a	n/a

Note: n/a = not available.

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					
1985	592.6	646.4	627.9	614.7	2,481.7
1986	660.3	703.9	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	1,233.4	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	1,312.0	1,342.2	1,325.8	5,351.1
1996	1,372.4	1,433.6	1,480.3	1,331.7	5,618.0
1997	1,344.7	1,392.7	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	5.7	4.4	4.7	4.3	4.8
1986	11.4	8.9	13.7	14.8	12.2
1987	8.0	3.1	2.6	2.6	4.0
1988	8.5	15.4	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	3.3	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
1996	0.1	9.3	10.3	0.4	5.0
1997	-2.0	-2.9	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Taxation.

Table C-10

CONTRACTING 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					
1985	257.7	311.7	364.4	434.0	1,367.7
1986	394.2	468.0	497.4	448.4	1,808.0
1987	450.9	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
1996	824.5	814.4	838.6	807.6	3,285.1
1997	674.0	749.6	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	21.8	10.8
1988	20.8	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	-6.2	-9.2	-10.4	3.2	-5.7
1996	6.2	7.1	11.6	-4.4	4.8
1997	-18.3	-8.0	n/a	n/a	n/a

Note: n/a = not available.

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					
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	1,621.8
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
1996	518.0	518.2	548.1	473.5	2,057.8
1997	533.8	535.4	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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
1996	8.3	15.9	26.2	13.6	15.8
1997	3.0	3.3	n/a	n/a	n/a

Note: n/a = not available.

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					
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	408.7
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
1996	124.2	124.1	108.9	121.8	479.0
1997	134.7	111.1	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	34.1	6.9	-4.0	-2.2	8.3
1986	-16.3	-8.6	4.8	6.3	-4.5
1987	16.2	13.8	-3.8	11.1	9.3
1988	8.5	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	35.4
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	3.3	3.6	-2.1
1996	1.5	16.3	-9.2	12.3	4.7
1997	8.5	-10.4	n/a	n/a	n/a

Note: n/a = not available.

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					
1985	88.0	80.9	107.7	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	143.3	106.0	129.9	105.1	484.2
1995	130.6	117.2	109.2	104.2	461.2
1996	127.2	110.9	109.1	131.2	478.4
1997	153.9	123.2	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1985	-7.8	-9.1	46.5	-18.4	0.2
1986	-19.3	-10.1	-31.9	-20.7	-21.3
1987	25.1	-0.6	7.0	25.0	13.6
1988	13.0	25.2	84.0	46.1	41.5
1989	1.4	86.0	-32.8	-3.7	6.1
1990	21.9	-20.1	36.3	0.9	5.2
1991	-12.8	-10.5	-8.4	-13.3	-11.1
1992	-3.5	-18.6	-19.1	23.5	-6.0
1993	8.2	31.0	-3.7	-15.2	4.1
1994	26.8	-17.4	37.5	4.1	10.9
1995	-8.8	10.6	-15.9	-0.9	-4.8
1996	-2.6	-5.4	-0.2	26.0	3.7
1997	21.0	11.1	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii State Department of Taxation.

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TOURISM

The visitor industry continued to contract slowly in the second quarter of 1997. Westbound visitors again led the decline.

Total visitor arrivals fell by 0.9 percent in the second quarter of 1997 relative to the second quarter of 1996 (table D-2). Although falling at a lower rate, the decline represented the third consecutive quarter of visitor arrival reductions relative to year-earlier quarters. Even with the decline, the second quarter's 1,654,200 visitors was still the highest second-quarter arrival figure other than last year's.

As in the past, much of the decline came from westbound visitors. Westbound visitor arrivals fell by 1.4 percent from the second quarter of 1996, while eastbound arrivals fell slightly by 0.1 percent (tables D-3 and D-4). Westbound arrivals have been much slower to grow than have eastbound arrivals in recent years. For example, at 996,200, second-quarter westbound arrivals were well below their 1990 peak of 1,189,300, while second-quarter eastbound arrivals are only slightly lower than the peak reached last year of 658,800.

Mirroring the decline in arrivals, the visitor census—the number of visitors present—fell slightly from the second quarter of 1996 to the second quarter of 1997. The average daily visitor census fell 0.3 percent (table D-6). However, the number of westbound visitors present increased slightly (1.7 percent) while the number of eastbound visitors present fell (-5.6 percent). This suggests that westbound visitors were staying longer while eastbound visitors were shortening their visits relative to past experience.

The hotel occupancy rate fell by almost two percentage points to 70.3 percent in the second quarter of 1997. This continued a pattern of lower year-over-year occupancy rates begun in the third quarter of 1996.

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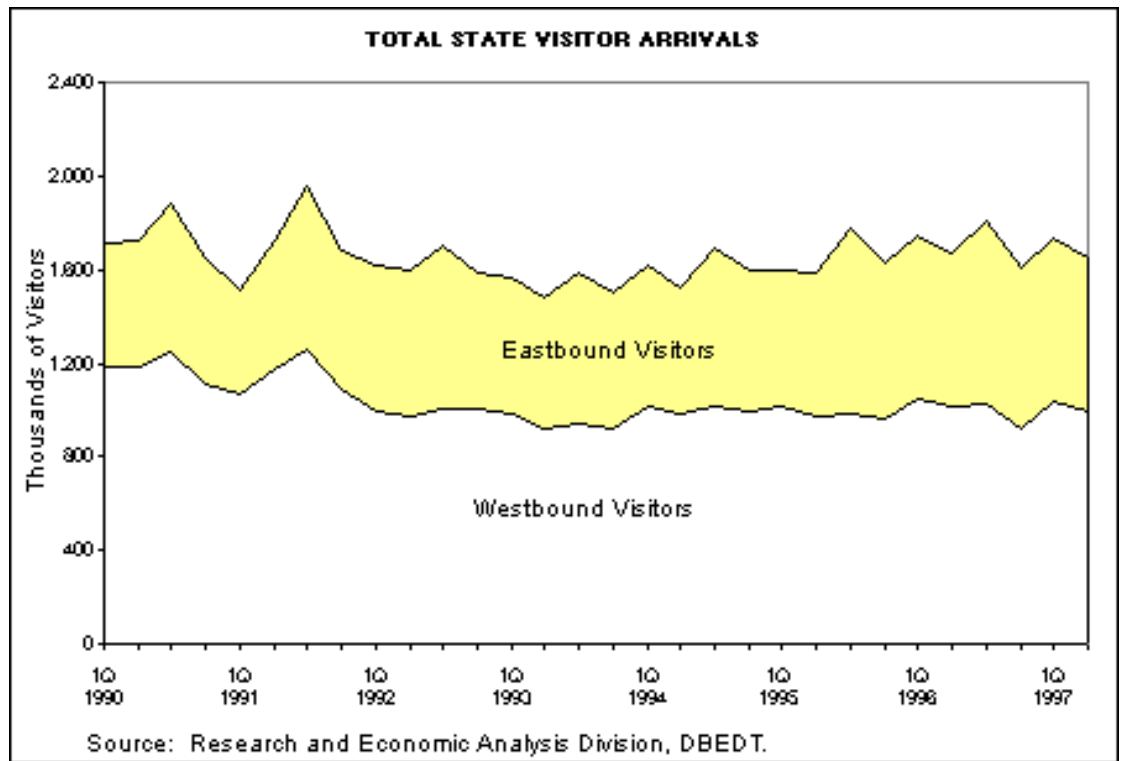
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[Download a spreadsheet file of Tables D-1 through D-7 \(tables-d.xls\).](#)

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
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	115,281	43,966	159,247
1995	3,933,110	2,656,020	6,589,130	113,090	44,109	157,199
1995 1 Qtr.	1,010,680	590,800	1,601,480	124,363	42,020	166,383
2 Qtr.	971,370	613,190	1,584,560	106,433	40,417	146,850
3 Qtr.	984,970	787,830	1,772,800	107,757	52,433	160,190
4 Qtr.	966,090	664,200	1,630,290	113,807	41,567	155,374
1996	4,004,450	2,831,490	6,835,940	114,161	44,682	158,843
1996 1 Qtr.	1,050,060	698,150	1,748,210	128,267	46,417	174,684
2 Qtr.	1,010,640	658,770	1,669,410	107,520	41,330	148,850
3 Qtr.	1,022,420	788,370	1,810,790	110,463	48,760	159,223
4 Qtr.	921,330	686,200	1,607,530	110,393	42,220	152,613
1997 1 Qtr.	1,038,490	690,210	1,728,700	127,230	43,160	170,390
1997 2 Qtr.	996,240	657,910	1,654,150	109,350	39,003	148,353
Percentage Change from the Same Period in Previous Year						
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	-1.6	9.2	2.5	-1.9	0.3	-1.3
1996	1.8	6.6	3.7	0.9	1.3	1.1
1996 1 Qtr.	3.9	18.2	9.2	3.1	10.5	5.0
2 Qtr.	4.0	7.4	5.4	1.0	2.3	1.4
3 Qtr.	3.8	0.1	2.1	2.5	-7.0	8.4
4 Qtr.	-4.6	3.3	-1.4	-3.0	1.6	-1.8
1997 1 Qtr.	-1.1	-1.1	-1.1	-0.8	-7.0	-2.5
2 Qtr.	-1.4	-0.1	-0.9	1.7	-5.6	-0.3

Note: Visitor arrivals for 1995 and 1996 revised by Hawaii Visitors and Convention Bureau August 29, 1997.

Sources: Department of Business, Economic Development & Tourism, *State of Hawaii Data Book*, 1987;
State of Hawaii Data Book, 1993-94; Hawaii Visitors and Convention 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>
Thousands of Persons					
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	1,601.5	1,584.6	1,772.8	1,630.3	6,589.1
1996	1,748.2	1,669.4	1,810.8	1,607.5	6,835.9
1997	1,728.7	1,654.2	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
1994	3.6	3.5	6.5	6.3	5.0
1995	-0.9	3.7	4.7	2.3	2.5
1996	9.2	5.4	2.1	-1.4	3.7
1997	-1.1	-0.9	n/a	n/a	n/a

Note: Visitor arrivals for 1995 and 1996 revised by Hawaii Visitors and Convention Bureau on August 29, 1997. n/a = not available.

Source: Hawaii Visitors and Convention 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					
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	1,010.7	971.4	985.0	966.1	3,933.1
1996	1,050.1	1,010.6	1,022.4	921.3	4,004.5
1997	1,038.5	996.2	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	-0.8	-0.8	-2.5	-2.4	-1.6
1996	3.9	4.0	3.8	-4.6	1.8
1997	-1.1	-1.4	n/a	n/a	n/a

Note: Visitor arrivals for 1995 and 1996 revised by Hawaii Visitors and Convention Bureau on August 29, 1997. n/a = not available.

Source: Hawaii Visitors and Convention 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					
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
1996	698.2	658.8	788.4	686.2	2,831.5
1997	690.2	657.9	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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
1996	18.2	7.4	0.1	3.3	6.6
1997	-1.1	-0.1	n/a	n/a	n/a

Note: Visitor arrivals for 1995 and 1996 revised by Hawaii Visitors and Convention Bureau on August 29, 1997. n/a = not available.

Source: Hawaii Visitors and Convention 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	166.4	146.8	160.2	155.4	157.2
1996	174.7	148.9	159.2	152.6	158.8
1997	170.4	148.4	n/a	n/a	n/a
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	124.4	106.4	107.8	113.8	113.1
1996	128.3	107.5	110.5	110.4	114.2
1997	127.2	109.4	n/a	n/a	n/a
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
1996	46.4	41.3	48.8	42.2	44.7
1997	43.2	39.0	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii Visitors and Convention Bureau.

Table D-6

AVERAGE DAILY VISITOR CENSUS

(percentage change from the same period in previous year)

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
Total Daily Visitors					
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	-4.7	2.3	1.7	-3.7	-0.6
1996	5.0	1.4	-0.6	-1.8	1.1
1997	-2.5	-0.3	n/a	n/a	n/a
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	-2.5	0.1	-1.8	-3.2	-1.9
1996	3.1	1.0	2.5	-3.0	0.9
1997	-0.8	1.7	n/a	n/a	n/a
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	2.8
1994	25.2	3.7	-1.8	8.6	8.3
1995	-10.7	8.6	9.9	-5.3	0.3
1996	10.5	2.3	-7.0	1.6	1.3
1997	-7.0	-5.6	n/a	n/a	n/a

Note: n/a = not available.

Source: Hawaii Visitors and Convention 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					
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	80.2	72.6	80.4	75.4	77.2
1996	82.1	72.5	78.5	71.0	76.0
1997	79.3	70.3	n/a	n/a	n/a

Note: n/a = not available.

Source: PKF-Hawaii.

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CONSTRUCTION

While the value of construction completed fell in the second quarter of 1997, indicators of future construction activity expanded. Private building authorizations, government contracts awarded, and state capital improvement project expenditures all grew in the second quarter of 1997 relative to the year-earlier quarter.

The value of construction completed, measured by the value of the contracting tax base lagged one month, fell by 10.9 percent in the second quarter of 1997 relative to the second quarter of 1996 (table E-2). This followed a larger decline of 15.2 percent recorded in the first quarter of the year.

The number of construction jobs also continued to fall in the second quarter. Construction jobs fell by 10.8 percent from the second quarter of 1996 to the second quarter of 1997 (table A-6). The second-quarter level of construction jobs is now at the same level as reached in 1987.

However, the value of private building authorizations, a measure of future construction activity, grew by 58.7 percent in the second quarter of 1997 over the year-earlier quarter (table E-2). Most of this increase occurred in residential authorizations.

The growth in the value of building authorizations was mirrored by increases in the number of authorized units. Authorized single family units grew by 20.2 percent and authorized multi-family units expanded by a remarkable factor of five in the second quarter of 1997 over the second quarter of 1996 (tables E-3 and E-4).

Hawaii county was the only county to see a decline in the estimated value of building construction authorizations in the second quarter (table E-7). This reversed the first quarter pattern when only Hawaii county recorded an increase in authorizations. Honolulu, Kauai, and Maui counties experienced increases in the value of authorizations of

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108.6 percent, 69.5 percent, and 31.9 percent respectively.

The growth in private construction indicators was mirrored by growth in public construction. Government contracts awarded expanded by 56.0 percent in the second quarter over the second quarter of 1996 (table E-2). Capital improvement project expenditures also showed healthy growth of 11.8 percent over this period, following growth of 54.0 percent in the first quarter of 1997 over the year-earlier quarter (table E-8).

[Download a spreadsheet file of Tables E-1 through E-7](#) (tables-e.xls).

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				Government Contracts Awarded
		Total Private Authorizations	Residential	Commercial and Industrial 2/	Additions and Alterations	
In Millions of Dollars						
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	849.3	370.3	393.4	693.0
1995	3,153.4	1,531.3	745.5	368.3	417.5	490.2
1996	3,241.5	1,117.8	487.0	252.8	378.0	885.5
1996 1Qtr.	803.0	280.5	118.3	78.5	83.7	319.5
2 Qtr.	824.1	268.2	99.2	62.5	106.4	78.0
3 Qtr.	809.9	352.3	178.1	64.4	109.8	323.6
4 Qtr.	804.5	216.7	91.3	47.3	78.1	164.4
1997 1Qtr.	680.8	258.9	88.4	72.8	97.8	181.8
2 Qtr.	734.3	425.6	220.8	93.6	111.2	121.6

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

2/ Includes hotels.

Source: Hawaii State Department of Taxation; F. W. Dodge; 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				Government Contracts Awarded
		Total Private Authorizations	Residential	Commercial and Industrial 2/	Additions and Alterations	
Percentage Change from the Same Period in Previous Year						
1985	16.5	52.8	52.6	100.8	20.1	-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	-5.1	-12.2	-0.5	6.1	-29.3
1996	2.8	-27.0	-34.7	-31.4	-9.5	80.7
1997 1Qtr.	-15.2	-7.7	-25.3	-7.3	16.8	-43.1
2Qtr.	-10.9	58.7	122.5	49.6	4.5	56.0

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

2/ Includes hotels.

Source: Hawaii State Department of Taxation; F. W. Dodge; 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>
1985	802	1,236	1,644	1,269	4,951
1986	925	1,226	1,354	1,195	4,700
1987	1,523	1,639	1,429	1,475	6,066
1988	1,323	1,767	2,096	1,114	6,290
1989	1,474	1,620	1,993	1,777	6,858
1990	1,922	1,476	1,132	1,472	6,002
1991	1,094	1,010	1,303	1,419	4,826
1992	1,317	1,058	1,388	816	4,576
1993	1,147	1,311	1,064	1,228	4,750
1994	961	963	1,426	1,226	4,576
1995	796	1,138	1,180	778	3,892
1996	756	630	880	540	2,806
1997	533	757	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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
1996	-5.0	-44.6	-25.4	-30.6	-27.9
1997	-29.5	20.2	n/a	n/a	n/a

Notes: n/a = not available.

Sources: F. W. Dodge; 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>
1985	1,151	696	291	312	2,450
1986	1,247	299	509	424	2,479
1987	488	567	99	305	1,459
1988	428	702	528	935	2,593
1989	309	1,501	664	457	2,931
1990	495	690	349	1,138	2,672
1991	2,330	973	764	736	4,803
1992	520	484	1,219	517	2,740
1993	272	556	1,120	476	2,424
1994	427	974	630	774	2,805
1995	1,290	290	874	192	2,646
1996	220	108	469	312	1,109
1997	97	655	n/a	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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
1996	-82.9	-62.8	-46.3	62.5	-58.1
1997	-55.9	506.5	n/a	n/a	n/a

Notes: n/a = not available.

Sources: F. W. Dodge; County building departments.

Table E-5

**HONOLULU CONSTRUCTION COST INDEX:
1985-1997, SINGLE FAMILY RESIDENCE (Jan. 1992=100)**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
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	118.3	119.3	118.2
1996	120.7	122.5	129.3	129.6	125.5
1997	128.1	129.2	130.2	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	-2.7	-1.0	-2.4
1996	2.7	4.0	9.3	8.7	6.1
1997	6.1	5.4	0.7	n/a	n/a

Note: n/a = not available.

Source: First Hawaiian Bank.

Table E-6

**HONOLULU CONSTRUCTION COST INDEX:
1985-1997, HIGH-RISE BUILDING (Jan. 1992=100)**

<i>Year</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Annual</i>
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	113.5	114.2	115.3	114.1
1996	115.8	116.0	117.4	118.3	116.9
1997	118.3	119.8	119.8	n/a	n/a
Percentage Change from the Same Period in Previous Year					
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	4.2	1.8	3.9
1996	2.0	2.1	2.7	2.6	2.4
1997	2.1	3.3	2.1	n/a	n/a

Note: n/a = not available.

Source: First Hawaiian Bank.

Table E-7
**ESTIMATED VALUE OF PRIVATE BUILDING CONSTRUCTION
 AUTHORIZATIONS, BY COUNTY: 1985 TO 1997**

<i>Year</i>	<i>State</i>	<i>City & County of Honolulu</i>	<i>Hawaii County</i>	<i>Kauai County</i>	<i>Maui County</i>
In Thousands of Dollars					
1985	888,436	524,823	121,345	63,889	178,933
1986	1,025,195	546,375	231,404	93,199	154,120
1987	1,161,897	749,472	145,157	103,481	163,786
1988	1,546,474	743,056	181,228	213,678	408,508
1989	1,882,397	1,047,747	338,060	178,689	317,364
1990	2,101,767	998,921	429,964	238,968	433,916
1991	2,151,849	1,462,676	369,454	118,547	201,174
1992	1,751,871	1,060,700	379,158	111,098	200,916
1993	1,496,483	959,043	248,239	86,010	203,179
1994	1,612,899	1,073,264	181,059	164,681	193,894
1995	1,532,732	980,757	267,108	80,279	204,588
1996	1,117,760	698,697	171,017	101,981	146,065
1997 1 Qtr	258,945	161,998	46,425	18,804	31,718
2 Qtr	425,581	304,938	37,857	39,815	42,972

Source: County building permits.

Table E-7 (con.)

**ESTIMATED VALUE OF PRIVATE BUILDING CONSTRUCTION
AUTHORIZATIONS, BY COUNTY: 1985 TO 1997**

<i>Year</i>	<i>State</i>	<i>City & County of Honolulu</i>	<i>Hawaii County</i>	<i>Kauai County</i>	<i>Maui County</i>
Percentage Change From The Same Period in Previous Year					
1985	52.8	38.7	34.3	20.5	199.0
1986	15.4	4.1	90.7	45.9	-13.9
1987	13.3	37.2	-37.3	11.0	6.3
1988	33.1	-0.9	24.8	106.5	149.4
1989	21.7	41.0	86.5	-16.4	-22.3
1990	11.7	-4.7	27.2	33.7	36.7
1991	2.4	46.4	-14.1	-50.4	-53.6
1992	-18.6	-27.5	2.6	-6.3	-0.1
1993	-14.6	-9.6	-34.5	-22.6	1.1
1994	7.8	11.9	-27.1	91.5	-4.6
1995	-5.0	-8.6	47.5	-51.3	5.5
1996	-27.0	-28.8	-36.0	27.0	-28.6
1997 1 Qtr	-7.7	-16.1	70.2	-19.9	-13.6
2 Qtr	58.7	108.6	-42.6	69.5	31.9

Source: County building permits.

Table E-8
STATE GOVERNMENT CAPITAL IMPROVEMENT PROJECT
EXPENDITURES: 1986 to 1997

Year	Total Expenditures	General Obligation Bond 1/	Revenue Bond 2/	General Fund (Cash)	Special Fund	Federal Fund 3/
In Thousands of Dollars						
1986	n/a	159,320	92,491	n/a	n/a	n/a
1987	n/a	169,979	89,342	n/a	n/a	n/a
1988	n/a	150,460	60,572	n/a	n/a	n/a
1989	n/a	210,757	127,083	n/a	n/a	n/a
1990	995,163	248,379	368,502	133,529	79,998	164,755
1991	1,027,189	210,022	326,414	121,108	164,915	204,730
1992	1,323,450	331,720	512,432	138,867	124,605	215,826
1993	1,188,315	472,515	225,431	89,917	147,351	253,101
1994	1,214,487	492,048	327,980	56,662	135,440	202,357
1995	822,327	342,423	77,560	19,672	169,901	212,772
1996	720,580	286,472	66,625	6,719	165,426	195,338
1 Qtr.	137,754	38,512	27,497	1,592	30,358	39,794
2 Qtr.	245,839	133,694	16,626	2,480	40,695	52,345
3 Qtr.	176,195	54,642	10,163	1,915	54,990	54,485
4 Qtr.	160,792	59,625	12,339	732	39,382	48,714
1997						
1 Qtr.	212,152	115,239	14,839	1,006	35,590	45,477
2 Qtr.	274,738	161,702	19,047	939	40,334	52,717
Percentage Change From Corresponding Period in Previous Year						
1987	n/a	6.7	-3.4	n/a	n/a	n/a
1988	n/a	-11.5	-32.2	n/a	n/a	n/a
1989	n/a	40.1	109.8	n/a	n/a	n/a
1990	n/a	17.9	190.0	n/a	n/a	n/a
1991	3.2	-15.4	-11.4	-9.3	106.1	24.3
1992	28.8	57.9	57.0	14.7	-24.4	5.4
1993	-10.2	42.4	-56.0	-35.2	18.3	17.3
1994	2.2	4.1	45.5	-37.0	-8.1	-20.0
1995	-32.3	-30.4	-76.4	-65.3	25.4	5.1
1996	-12.4	-16.3	-14.1	-65.8	-2.6	-8.2
1 Qtr.	-21.2	-41.0	139.8	-73.6	-28.5	-19.9
2 Qtr.	-15.9	-20.1	-4.5	-58.9	6.6	-17.4
3 Qtr.	5.2	11.1	-38.9	-55.3	17.7	7.4
4 Qtr.	-14.2	-1.5	-61.5	-78.0	-7.5	-0.5
1997						
1 Qtr.	54.0	199.2	-46.0	-36.8	17.2	14.3
2 Qtr.	11.8	20.9	14.6	-62.1	-0.9	0.7

Notes: This table is not directly comparable to Contracts Awarded data in Table E-1.

n/a = not available.

1/ Consists of general obligation bonds and reimbursable general obligation bonds.

2/ Consists of revenue bonds and special purpose revenue bonds.

3/ Includes special federal aid interstate; special federal aid primary; special federal aid secondary and federal funds.

Source: Department of Accounting and General Services, Report 300S.

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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.

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.

Introduction

Part I - Economic Trends and Outlook

- State of the Economy
- Outlook of the Economy
- County Economic Conditions

Part II - Labor Force and Jobs - Overview

Part III - Income and Prices - Overview

Part IV - Tax Base and Revenues - Overview

Part V - Tourism - Overview

Part VI - Construction - Overview

Terms and Definitions

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

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.

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

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 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.

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.

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.