

Section 7

RECREATION AND TRAVEL

Statistics on tourism, recreation, sports, museums, parks, pets, and the performing arts appear in this section. Additional information on recreational and resort land use is given in Section 6; on transportation, in Section 18; and on hotels and hotel workers, in Sections 12, 13, 15 and 23.

Approximately 6,971,000 visitors stayed overnight or longer in Hawaii during 1990, compared with 3,935,000 in 1980 and only 1,747,000 in 1970. The average number present at any given time during 1990 was 162,000. Total visitor expenditures (exclusive of trans-Pacific fares) in 1990 were estimated by the Hawaii Visitors Bureau at \$9.4 billion, compared with \$2.9 billion a decade earlier. The 1990 visitor total included 4.43 million from other States, 318,000 from Canada, and 1.44 million from Japan. Expenditures per visitor day in 1990 averaged \$137 for westbound visitors and \$294 for the Japanese. Visitor-related spending in 1989 resulted in tax revenues of \$1.1 billion and generated 243,000 jobs.

Both visitors and residents have access to a wide range of recreational and cultural facilities. The State has seven national parks and similar areas, 77 State parks, 582 county parks, 65 golf courses, 279 public tennis courts, 1,600 recognized surfing sites, and 24.4 miles of safe, sandy, accessible beach. Recreational, scenic and cultural facilities reporting more than two million annual visits each in 1990 included Waikiki Beach, the National Memorial Cemetery of the Pacific, Wailua River State Park, and Hawaii Volcanoes National Park. Total visits to 75 museums, State monuments, zoos, and similar attractions in 1990 numbered 21 million. About 444,000 Hawaii residents traveled to the Mainland or abroad in 1990. Twelve theatrical groups on Oahu reported 1,419 performances of 377 productions for the 1989-1990 season, with a combined audience of 967,000. During the 1990-1991 season, the Honolulu Symphony Orchestra gave 101 concerts, with a total attendance of 160,000. During the 1990-1991 school year, attendance at UH-Manoa varsity baseball, basketball, football and volleyball home games was 637,000.

Information on recreation and tourism is issued periodically by the Hawaii Visitors Bureau (particularly in its annual research reports), the State Parks Division of the Department of Land and Natural Resources, the Hawaii State Department of Business, Economic Development & Tourism, U.S. National Park Service, County park and recreation departments, and other organizations. Long-term trends are summarized in Historical Statistics of Hawaii, Section 11. National statistics are given in Section 7 of Statistical Abstract of the United States: 1991.

Table 179.-- PASSENGERS ARRIVING, BY DIRECTION OF TRAVEL AND TRANSIT
STATUS: 1981 TO 1990

Direction and status	1981	1982	1983	1984	1985
All directions ..	5,305,809	5,580,240	5,546,540	6,107,730	6,314,290
Landing	4,211,250	4,582,020	4,653,450	5,242,770	5,338,170
Intransit	1,094,559	998,220	893,090	864,960	976,120
Westbound <u>1</u> /	3,780,383	4,078,360	4,098,720	4,543,890	4,675,690
Landing	3,223,653	3,589,625	3,654,560	4,082,070	4,137,830
Intransit	556,730	488,735	444,160	461,820	537,860
Eastbound <u>2</u> /	1,525,426	1,501,880	1,447,820	1,563,840	1,638,600
Landing	987,597	992,390	998,890	1,160,700	1,200,340
Intransit	537,829	509,490	448,930	403,140	438,260
Direction and status	1986	1987	1988	1989	1990
All directions ..	7,063,710	7,324,280	7,894,680	8,236,250	8,507,330
Landing	6,068,990	6,248,550	6,715,600	7,149,700	7,453,550
Intransit	994,720	1,075,730	1,179,080	1,086,550	1,053,780
Westbound <u>1</u> /	5,245,690	5,214,520	5,443,980	5,734,910	5,692,950
Landing	4,689,480	4,617,230	4,793,580	5,115,410	5,127,690
Intransit	556,210	597,290	650,400	619,500	565,260
Eastbound <u>2</u> /	1,818,020	2,109,760	2,450,700	2,501,340	2,814,380
Landing	1,379,510	1,631,320	1,922,020	2,034,290	2,325,860
Intransit	438,510	478,440	528,680	467,050	488,520

1/ Arriving from North America.

2/ Arriving from Asia or Oceania.

Source: Hawaii Visitors Bureau, 1988 Westbound Visitors to Hawaii,
p. 5, and records.

Table 180.-- PASSENGER STATUS OF PARTIES AND PASSENGERS ARRIVING IN HAWAII,
BY DIRECTION OF TRAVEL: 1988 TO 1990

Year and direction of travel	All types	Visitors destined to Hawaii	Visitors destined beyond Hawaii		Returning residents	Intended residents
			Overnight or longer	In transit		
PARTIES <u>1/</u>						
1988, total ...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Westbound	2,719,110	2,136,630	219,300	(NA)	357,780	5,400
Eastbound <u>2/</u>	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1989, total ...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Westbound	2,232,200	1,919,710	126,080	(NA)	179,130	7,280
Eastbound <u>2/</u>	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1990, total ...	3,316,820	2,800,420	253,050	(NA)	242,480	20,870
Westbound	2,250,220	1,875,720	154,370	(NA)	203,920	16,210
Eastbound <u>2/</u>	1,066,600	924,700	98,680	(NA)	38,560	4,660
PASSENGERS						
1988, total ...	7,894,680	(NA)	(NA)	1,179,080	(NA)	(NA)
Westbound	5,443,980	3,903,640	361,090	650,400	521,000	7,850
Eastbound <u>2/</u>	2,450,700	(NA)	(NA)	528,680	(NA)	(NA)
1989, total ...	8,236,250	6,159,530	482,290	1,093,340	478,560	22,530
Westbound	5,734,910	4,415,350	289,970	619,500	394,080	16,010
Eastbound <u>2/</u>	2,501,340	1,744,180	192,320	473,840	84,480	6,520
1990, total ...	8,507,330	6,425,780	545,400	1,053,780	444,200	38,170
Westbound	5,692,950	4,391,430	328,300	565,260	378,640	29,320
Eastbound <u>2/</u>	2,814,380	2,034,350	217,100	488,520	65,560	8,850

NA Not available.

1/ Not surveyed for in-transit passengers.

2/ Including northbound.

Source: Hawaii Visitors Bureau, Market Research Department, records.

Table 181.-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS: 1964 TO 1990

[For earlier years, 1921-1963, see Data Book 1987, table 210]

Year	Visitors staying overnight or longer			Average number of visitors present		
	Total	West-bound <u>1/</u>	Other	Total	West-bound <u>1/</u>	Other
1964	563,925	460,290	103,635	16,037	14,901	1,136
1965	686,928	567,218	119,710	17,369	16,057	1,312
1966	835,456	686,886	148,570	20,918	19,271	1,647
1967	1,124,818	893,103	231,715	27,630	24,898	2,732
1968	1,314,571	1,015,844	298,727	32,335	28,784	3,551
1969	1,527,012	1,181,029	345,983	37,198	33,088	4,110
1970	1,746,970	1,326,135	420,835	36,943	32,028	4,915
1971	1,818,944	1,430,325	388,619	40,889	36,504	4,385
1972	2,244,377	1,782,737	461,640	50,143	45,098	5,045
1973	2,630,952	2,067,861	563,091	59,578	53,407	6,171
1974	2,786,489	2,184,620	601,869	63,535	56,939	6,596
1975	2,829,105	2,207,417	621,688	66,308	59,495	6,813
1976	3,220,151	2,551,601	668,550	75,532	68,225	7,307
1977	3,433,667	2,763,312	670,355	83,030	75,684	7,346
1978	3,670,309	3,030,999	639,310	92,034	85,028	7,006
1979	3,960,531	3,139,455	821,076	98,676	89,678	8,998
1980	3,934,504	3,046,132	888,372	96,497	86,788	9,709
1981	3,934,623	2,974,791	959,832	95,968	85,449	10,519
1982	4,242,925	3,278,525	964,400	105,310	94,740	10,570
1983	4,368,105	3,396,115	971,990	108,045	97,395	10,650
1984	4,855,580	3,721,380	1,134,200	118,660	106,260	12,400
1985	4,884,110	3,708,610	1,175,500	116,700	103,820	12,880
1986	5,606,980	4,256,390	1,350,590	132,910	118,110	14,800
1987	5,799,830	4,204,010	1,595,820	134,270	116,780	17,490
1988	6,142,420	4,264,730	1,877,690	141,410	115,760	25,650
1989	6,641,820	4,705,320	1,936,500	169,670	135,480	34,190
1990	6,971,180	4,719,730	2,251,450	162,070	125,590	36,480

1/ Arriving from the Mainland United States or Canada.

Source: Hawaii Visitors Bureau, Annual Research Report (annual) and records.

Table 182.-- RESIDENCE OF OVERNIGHT AND LONGER VISITORS TO HAWAII:
1990

Country of residence	Total	Westbound	Eastbound
All visitors	6,971,180	4,719,730	2,251,450
United States	4,431,260	3,958,860	472,400
Canada	317,900	264,140	53,760
Asia	1,657,250	144,830	1,512,420
Japan	1,439,710	95,820	1,343,890
Taiwan	64,590	6,210	58,380
Korea	58,030	17,140	40,890
Hong Kong	21,160	6,950	14,210
China	17,450	860	16,590
Philippines	10,450	5,710	4,740
Singapore	15,960	4,830	11,130
Indonesia	9,910	3,020	6,890
Other Asia	19,990	4,290	15,700
South Pacific	324,060	186,310	137,750
Australia	220,160	132,500	87,660
New Zealand	93,360	51,080	42,280
Other South Pacific	10,540	2,730	7,810
Europe	221,840	153,760	68,080
United Kingdom	84,460	50,040	34,420
West Germany	54,230	44,020	10,210
Other Europe	83,150	59,700	23,450
Other foreign countries	18,870	11,830	7,040

Source: Hawaii Visitors Bureau, records.

Table 183.-- VISITOR DAYS, BY DIRECTION OF TRAVEL:
1989 AND 1990

Year	Total	Westbound	Eastbound and northbound
1989	58,588,970	46,582,670	12,006,300
1990	59,155,920	45,840,750	13,315,170

Source: Hawaii Visitors Bureau, records.

Table 184.-- AVERAGE VISITOR CENSUS, BY COUNTIES AND ISLANDS:
1989 AND 1990

County or island	1989			1990		
	Total	West-bound	Other	Total	West-bound	Other
State total ..	169,670	135,480	34,190	162,070	125,590	36,480
Oahu	88,750	61,480	27,270	87,400	56,750	30,650
Hawaii County	17,760	15,560	2,200	16,970	15,390	1,580
Kauai County	19,140	18,090	1,050	18,200	17,200	1,000
Maui County	44,020	40,350	3,670	39,500	36,250	3,250
Lanai	240	210	30	250	230	20
Maui	42,690	39,240	3,450	38,150	34,980	3,170
Molokai	1,090	900	190	1,100	1,040	60

Source: Hawaii Visitors Bureau, 1990 Domestic Market, Visitors to Hawaii (1991), p. 77, and records.

Table 185.-- VISITOR ARRIVALS, WESTBOUND AND OTHER, BY AREAS VISITED:
1989 AND 1990

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors]

Areas visited	1989			1990		
	Total	West-bound	Other	Total	West-bound	Other
State total <u>2/</u>	6,641,820	4,705,320	1,936,500	6,971,180	4,719,730	2,251,450
Oahu	5,049,350	3,205,800	1,843,550	5,350,940	3,171,630	2,179,310
Kauai	1,291,210	1,138,230	152,980	1,286,360	1,118,930	167,430
Maui County <u>2/</u> ...	2,513,960	2,113,100	400,860	2,389,970	1,995,160	394,810
Maui	2,468,870	2,075,760	393,110	2,345,060	1,954,770	390,290
Molokai	101,510	86,020	15,490	103,630	95,130	8,500
Lanai	46,790	42,920	3,870	45,930	41,760	4,170
Hawaii County <u>2/</u> .	1,120,830	946,540	174,290	1,170,830	982,900	187,930
Kona side	999,140	857,770	141,370	1,030,900	877,930	152,970
Hilo side	367,150	303,240	63,910	391,470	332,070	59,400
One island only ..	4,184,080	2,795,610	1,388,470	4,574,820	2,912,570	1,662,250
Oahu only	2,900,470	1,595,270	1,305,200	3,253,200	1,658,430	1,594,770

1/ Eastbound or northbound. Distribution by areas visited based on data for fourth quarter only.

2/ Because many visitors visited more than one area, detail sums to more than the totals and subtotals shown here.

Source: Hawaii Visitors Bureau, records.

Table 186.-- SUMMARY CHARACTERISTICS OF OVERNIGHT AND LONGER VISITORS,
BY DIRECTION OF TRAVEL: 1989 AND 1990

Subject	1989: West- bound <u>1/</u>	1990		
		Total	West- bound	Eastbound and northbound
Residence (percent):				
United States	84.8	63.6	83.9	21.0
Pacific and Mountain States	43.8	33.7	46.2	7.5
California	28.8	23.0	31.6	4.9
Males per 100 females	90.8	(NA)	92.3	(NA)
Median age (years)	37.3	(NA)	38.8	(NA)
High-status occupations <u>2/</u> (percent) ...	68.2	45.0	54.3	25.6
Persons per party	2.3	2.3	2.3	2.0
Arriving June-August (percent)	27.6	28.5	28.0	29.4
Repeat visitors <u>3/</u> (percent)	53.9	50.9	56.1	40.1
Pleasure trip (percent).....	84.1	83.1	84.8	79.6
In hotel only	58.5	63.9	55.0	82.5
Destined beyond Hawaii (percent)	6.2	7.8	7.0	9.6

NA Not available.

1/ Eastbound and northbound survey began in fourth quarter of 1989.

2/ Managerial and professional and their dependents as a percent of all visitors.

3/ Dependents assumed same as party heads.

Source: Hawaii Visitors Bureau, records.

Table 187.-- DEMOGRAPHIC CHARACTERISTICS OF VISITORS, BY DIRECTION OF TRAVEL: 1990

[Limited to visitors staying overnight or longer. Includes both visitors destined to and beyond Hawaii]

Subject	Total	Westbound	Eastbound and northbound
All visitors	6,971,180	4,719,730	2,251,450
Age:			
Under 10 years	(NA)	303,000	(NA)
10 to 19 years	(NA)	356,990	(NA)
20 to 29 years	(NA)	829,930	(NA)
30 to 39 years	(NA)	985,870	(NA)
40 to 49 years	(NA)	967,710	(NA)
50 to 59 years	(NA)	621,630	(NA)
60 years and over	(NA)	654,600	(NA)
Median (years)	(NA)	38.8	(NA)
Sex:			
Male	(NA)	2,265,628	(NA)
Female	(NA)	2,454,102	(NA)
Residence:			
Pacific	1,984,690	1,840,520	144,170
Alaska	38,770	35,850	2,920
California	1,601,540	1,490,740	110,800
Oregon	94,920	88,710	6,210
Washington	249,460	225,220	24,240
Mountain	362,560	338,480	24,080
West North Central	229,390	207,250	22,140
West South Central	274,550	249,710	24,840
East North Central	460,560	403,530	57,030
East South Central	89,350	80,010	9,340
New England	163,830	141,760	22,070
Middle Atlantic	407,720	350,920	56,800
South Atlantic	416,610	339,800	76,810
U.S. territories	42,000	6,880	35,120
Canada	317,900	264,140	53,760
Japan	1,439,710	95,820	1,343,890
Other foreign	782,310	400,910	381,400

NA Not available.

Source: Hawaii Visitors Bureau, Basic Data Survey, records.

Table 188.-- TRIP CHARACTERISTICS OF VISITORS, BY DIRECTION OF TRAVEL:
1990

[Limited to visitors staying overnight or longer. Includes both visitors
destined to and beyond Hawaii]

Subject	Total	Westbound	Eastbound or northbound
All visitors <u>1/</u>	6,971,180	4,719,730	2,251,450
Purpose of visit: <u>1/</u>			
Pleasure	5,795,080	4,002,080	1,793,000
Meetings, conventions, incentive <u>1/</u> .	502,990	352,140	150,850
Convention	265,180	232,910	32,270
Corporate meeting	93,190	70,660	22,530
Incentive	153,060	56,380	96,680
Other business	221,720	179,730	41,990
Visit friends or relatives	382,080	314,290	67,790
Government or military	61,750	47,250	14,500
Other	324,250	120,670	203,580
Traveler method:			
Tour group	2,261,050	635,850	1,625,200
Non-group	4,710,130	4,083,880	626,250
Package	3,763,850	1,984,380	1,779,470
Non-package	3,207,330	2,735,350	471,980
Accommodations:			
Hotel	5,154,450	3,207,060	1,947,390
Hotel only	4,454,110	2,596,360	1,857,750
Condo	1,672,560	1,386,250	286,310
Condo only	1,089,550	876,080	213,470
Friends, relatives	611,590	540,110	71,480
Cruise ship	100,340	95,790	4,550
Other accommodations	188,320	150,040	38,280

1/ Because of multiple responses, detail may add to more than the indicated total.

Source: Hawaii Visitors Bureau, 1990 Domestic Market, Visitors to Hawaii (1991), p. 79.

Table 189.-- CHARACTERISTICS OF VISITOR PARTY HEADS, BY DIRECTION OF TRAVEL: 1990

[Limited to visitor party heads staying overnight or longer. Includes both visitors destined to and beyond Hawaii]

Subject	Total	Westbound	Eastbound and northbound
All visitor party heads	3,053,480	2,030,090	1,023,390
Occupation:			
Senior management	231,930	143,620	88,310
Middle management	461,780	386,560	75,220
Sales, marketing	261,750	155,520	106,230
Clerical	239,840	71,080	168,760
Professional	669,320	571,320	98,000
Technical, trade	175,430	62,550	112,880
Labor	71,140	29,240	41,900
Military service	36,790	27,640	9,150
Military dependent	(NA)	6,130	(NA)
Student	171,080	91,680	79,400
Self-employed	181,740	81,090	100,650
Retired	263,750	229,100	34,650
Other	282,790	174,560	108,230
Trips to Hawaii:			
First trip	1,504,220	891,210	613,010
Second trip	598,450	401,960	196,490
Third trip	287,880	211,130	76,750
Four trip and over	662,920	525,790	137,130
Persons in party:			
1 person	939,700	470,990	468,710
2 persons	1,334,150	1,039,410	294,740
3 persons	248,270	174,590	73,680
4 persons	288,870	215,190	73,680
5 persons or more	242,500	129,920	112,580

NA Not available.

Source: Hawaii Visitors Bureau, records.

Table 190.-- LENGTH OF STAY OF VISITORS STAYING OVERNIGHT OR LONGER, BY DIRECTION OF TRAVEL: 1988 TO 1990

[Eastbound and northbound data not available before 4th quarter of 1989]

Length of stay	1988: West-bound	1989: West-bound	1990		
			Total	West-bound	Eastbound and northbound
All visitors	4,264,730	4,705,320	6,971,180	4,719,730	2,251,450
1 to 6 days	679,960	768,190	2,957,900	1,146,200	1,811,700
7 to 12 days	2,756,930	2,720,430	2,957,390	2,617,070	340,320
13 to 30 days	784,770	876,740	977,940	891,910	86,030
31 to 365 days	43,070	42,030	77,950	64,550	13,400
Not reported	(1/)	297,930	(1/)	(1/)	(1/)
Median (days)	9.7	9.7	7.5	8.4	5.5
Mean (days)	9.9	9.9	8.5	9.7	5.9

1/ Nonresponse distributed in 1988 and 1990.

Source: Hawaii Visitors Bureau, Basic Data survey, records.

Table 191.-- JAPANESE VISITOR ARRIVALS AND EXPENDITURES: 1985 TO 1990

Subject	1985	1986	1987	1988	1989	1990
Arrivals (1,000)	709	731	905	1,217	1,319	1,440
Average stay (days)	5.9	5.9	5.8	6.0	6.0	5.9
Expenditures <u>1/</u> (mil. dol.) ..	983	1,296	1,702	2,252	2,514	2,500

1/ Revised estimates for 1985-1989.

Source: Hawaii Visitors Bureau, records.

Table 192.-- FAMILY INCOME, TRIP CHARACTERISTICS, AND OPINIONS OF
MAINLAND VISITORS TO HAWAII: 1987 TO 1990

Subject	1987	1988	1989	1990
Number of respondents in sample	5,185	5,004	6,983	6,001
Family income before taxes (percent) ..	100.0	100.0	100.0	100.0
Under \$15,000	2.1	1.2	1.5	0.9
\$15,000 to \$24,999	8.2	6.4	5.5	4.1
\$25,000 to \$34,999	14.1	11.7	11.6	9.9
\$35,000 to \$49,999	25.4	22.9	20.0	23.0
\$50,000 to \$74,999	29.2	29.5	29.3	27.9
\$75,000 and over	21.0	28.3	32.1	34.2
Median income (dollars)	50,100	56,600	59,700	56,100
Mean income (dollars)	56,000	61,400	63,600	72,800
Education: college graduates (percent)	56.4	62.7	64.6	59.5
Using travel agent (percent)	85.1	81.8	80.7	79.8
Islands visited (percent):				
Oahu	70.0	65.6	67.1	64.0
Kauai	30.4	31.3	36.8	39.9
Maui	42.1	42.6	52.3	48.3
Hawaii	28.0	25.7	26.0	30.1
Hawaii compared with other vacation areas visited (percent)	100.0	100.0	100.0	100.0
Far superior	36.0	39.6	38.9	30.4
Above average	55.4	53.2	53.5	56.8
Average	7.7	6.8	6.9	10.9
Below average	0.8	0.4	0.5	1.8
Quite inferior	0.2	(Z)	0.1	0.1

Z Less than 0.05 percent.

Source: Hawaii Visitors Bureau, Visitor Reaction Survey, 1988
(1990), 1990 Visitor Satisfaction Report (1991), and unpublished data.

Table 193.-- MEETINGS AND CONVENTIONS, BY ISLANDS: 1989 AND 1990

Island	Number of meetings held		Estimated attendance	
	1989	1990	1989	1990
State total	754	743	259,399	201,534
Hawaii:				
Hilo	3	5	837	1,588
Kona	130	132	34,851	34,293
Maui	160	148	60,111	37,569
Molokai	1	1	88	80
Oahu	362	387	137,329	115,262
Kauai	98	70	26,183	12,742

Source: Hawaii Visitors Bureau, Meetings and Conventions Department.

Table 194.-- MEETINGS AND CONVENTIONS: 1985 TO 1990

Year	No. of meetings held	Estimated attendance	Estimated guest rooms	Estimated revenue (\$1,000)
1985	740	247,166	104,354	219,882
1986	810	250,703	98,591	249,042
1987	903	317,101	126,181	300,721
1988	886	301,654	131,273	354,363
1989	754	259,399	121,533	343,965
1990	743	201,534	100,717	295,952

NA Not available.

Source: Hawaii Visitors Bureau, Meetings and Conventions Department.

Table 195.-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS:
1931-1932 TO 1990

[Dollars]

Year	Main-landers	Japanese	Year	Main-landers	Japanese
1931-32 <u>1/</u>	17.50	(NA)	1983	85.88	227
1951	28.00	(NA)	1986	95.40	299
1960-61	32.00	(NA)	1987	102.49	324
1965-66 <u>1/</u>	37.23	(NA)	1988	121.44	350
1974	46.20	123	1989	127.84	322
1977	54.62	147	1990	137.40	294
1980	71.24	185			

NA Not available.

1/ Oahu only.

Source: Hawaii Visitors Bureau, 1983 Visitor Expenditure Survey (1985), p. 31; 1989 Expenditures, Westbound Visitors to Hawaii (1990), pp. 29, 30; and revised estimates of Mainlander expenditures, 1989-1990, and Japanese expenditures, 1986-1990.

Table 196.-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM THE MAINLAND, 1989 AND 1990, AND VISITORS FROM JAPAN, 1990, BY EXPENDITURE TYPE

[In dollars. Excludes transpacific travel costs]

Expenditure type	Visitors from Mainland		Visitors from Japan: 1990
	1989	1990	
All items	126.57	136.30	294.04
Food and beverage	26.41	28.90	41.70
Restaurants	18.70	20.62	25.65
Dinner shows	2.61	2.14	4.23
Nightclubs	2.40	3.03	2.89
Groceries	2.70	3.11	8.92
Entertainment	8.41	8.86	16.05
Attractions	6.17	6.21	6.97
Other entertainment.....	2.24	2.65	9.08
Transportation	13.93	14.07	14.31
Ground transportation	1.01	0.97	1.78
U-drive cars.....	5.42	6.48	2.76
Interisland travel	5.04	3.90	4.74
Sightseeing tours	2.46	2.72	5.03
Clothing	9.76	8.74	27.98
Gifts and souvenirs	10.97	9.41	77.48
Lodging	49.43	57.76	73.77
All other and unclassified	5.31	6.42	38.92
Adjustment <u>2/</u>	2.35	2.14	3.83

1/ Includes telephone, beauty and barber shop, postage, laundry, gasoline, photography, etc.

2/ Visitors estimate of amount excluded from listed categories.

Source: Hawaii Visitors Bureau, The 1990 Visitor Expenditure Report (1991), pp.18 and 44.

Table 197.-- EXPENDITURES PER VISITOR DAY BY WESTBOUND VISITORS, 1989 AND 1990,
AND JAPANESE VISITORS, 1990, BY VISITOR OR TRIP CHARACTERISTICS

[Dollars]

Visitor or trip characteristics	Westbound visitors		Japanese visitors: 1990
	1989	1990	
All visitors	126.57	136.30	294.04
Islands:			
Oahu	122.23	120.00	296.76
Neighbor Islands	145.76	163.02	240.91
Group tour status:			
Organized group tour	126.83	145.79	296.50
Individually arranged	126.73	135.23	285.39
Accommodations:			
Hotel only	129.73	144.46	308.66
Condo only	103.09	97.10	175.69
Guests of friends and relatives	*55.71	*37.28	(NA)
Hotel/condo combination	119.03	128.21	(NA)
Length of stay:			
1 to 6 days	144.68	151.51	310.94
7 to 12 days	122.27	131.71	270.52
13 to 18 days	126.72	} 138.35	*132.53
19 days or longer	104.93		
Residence: <u>1/</u>			
Pacific	121.54	135.90	(NA)
Mountain	111.69	126.97	(NA)
W.N. Central	123.55	107.92	(NA)
W.S. Central	131.63	135.14	(NA)
E.N. Central	122.01	137.76	(NA)
E.S. Central	116.24	143.46	(NA)
New England	122.27	135.60	(NA)
Mid-Atlantic	137.00	139.14	(NA)
S. Atlantic	137.55	145.17	(NA)
Previous visits:			
First trip	125.11	134.66	317.20
Repeat visitors	127.15	137.56	270.13

Continued on next page.

Table 197.-- EXPENDITURES PER VISITOR DAY BY WESTBOUND VISITORS, 1989 AND 1990, AND JAPANESE VISITORS, 1990, BY VISITOR OR TRIP CHARACTERISTICS--Con.

Visitor or trip characteristics	Westbound visitors		Japanese visitors: 1990
	1989	1990	
Party size:			
1 person	161.94	161.87	(NA)
2 persons	125.28	138.16	(NA)
3 persons	94.40	107.41	(NA)
4 persons or more	84.32	104.00	(NA)
Purpose of trip:			
Pleasure	124.57	136.61	279.53
Business: Meetings, conventions, incentive Other business	} 150.08	{ 160.70 134.66	340.30 299.90
Other purpose	111.94	96.03	(NA)
Time of year:			
First quarter	127.35	135.10	275.76
Second quarter	127.02	144.83	327.27
Third quarter	124.13	139.74	263.75
Fourth quarter	128.10	125.35	309.39
Arrived on package tour:			
Yes	124.38	128.83	299.04
No	129.78	144.00	256.34
Children in party:			
Yes	87.33	95.35	192.03
No	130.97	140.01	319.16
On honeymoon:			
Yes	(NA)	(NA)	417.54
No	(NA)	(NA)	274.57

* Sample under 25; subject to considerable sampling variation.

NA Not available.

1/ Census divisions.

Source: Hawaii Visitors Bureau, 1989 Expenditures, Westbound Visitors to Hawaii (1990), pp. 14-27, and The 1990 Visitor Expenditure Report (1991), pp. 18-32, 44-56.

Table 198.-- ESTIMATED VISITOR EXPENDITURES: 1958 TO 1990

[Millions of dollars. Excludes expenditures by Hawaii residents for all years and additional business expenditures by MCI (meetings, conventions, and incentive) visitors before 1985. Estimates for 1985-1989 revised from Data Book 1990, tables 205 and 383]

Year	Personal expenditures	Year	Personal expenditures	Year	Personal expenditures	Additional business expend. <u>1/</u>
1958	83	1969	550	1980	2,875	...
1959	109	1970	595	1981	3,200	...
1960	131	1971	705	1982	3,700	...
1961	137	1972	840	1983	3,974	...
1962	154	1973	1,020	1984	4,582	...
1963	186	1974	1,225	1985	4,963	22.9
1964	205	1975	1,360	1986	5,776	26.7
1965	225	1976	1,640	1987	6,500	30.0
1966	280	1977	1,845	1988	7,813	36.1
1967	380	1978	2,146	1989	8,748	37.4
1968	440	1979	2,537	1990	9,363	46.5

1/ By MCI (meetings, conventions, and incentive) visitors. For discussion, see Hawaii Visitors Bureau, The 1990 Visitor Expenditure Report (1991), pp. 35-40. Not available before 1985.

Source: Hawaii Visitors Bureau, 1986 Annual Research Report, p. 1, and records.

Table 199.-- VISITOR EXPENDITURES, BY DIRECTION OF TRAVEL, COUNTRY OF RESIDENCE, AND ISLANDS: 1989 AND 1990

[In thousands of dollars. Revised from Data Book 1990, tables 205 and 383]

Year and direction of travel or island	Country of residence ^{1/}			
	Total	United States	Japan	Other countries
1989, all visitors	8,785,289	5,197,905	2,513,723	1,073,661
Westbound	5,771,856	4,967,883	118,684	685,289
Eastbound and northbound	3,013,433	230,022	2,395,039	388,372
Oahu	5,163,063	2,440,311	2,101,914	620,838
Maui, Molokai, Lanai	1,917,800	1,422,095	256,415	239,290
Kauai	891,147	717,908	65,325	107,914
Hawaii	813,279	617,591	90,069	105,619
1990, all visitors	9,409,772	5,661,847	2,500,138	1,247,787
Westbound	6,224,829	5,276,369	169,026	779,434
Eastbound	3,184,943	385,478	2,331,112	468,353
Oahu	5,441,149	2,533,197	2,111,416	796,536
Maui	2,023,032	1,553,008	211,640	258,384
Molokai	58,985	45,340	4,274	9,371
Lanai	15,165	11,283	129	3,753
Kauai	945,777	787,304	68,915	89,558
Hawaii	925,664	731,715	103,764	90,185

^{1/} Additional business expenditures by MCI (meetings, conventions, and incentive) visitors are included with "other countries;" see preceding table for annual totals.

Source: Hawaii Visitors Bureau, The 1990 Visitor Expenditure Report (1991), pp. 5 and 64; The 1990 Island Supplement (1991), p. 37; and records.

Table 200.-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:
1970 TO 1990

[In millions of dollars]

Year	Total	Visitors	Airline and ship crews	Overseas airlines <u>1/</u>
1970	714.6	595	8.0	111.6
1971	835.8	705	8.0	122.8
1972	982.2	840	9.0	133.2
1973	1,181.6	1,020	8.0	153.6
1974	1,408.6	1,225	12.6	171.0
1975	1,559.4	1,360	8.4	191.0
1976	1,890.8	1,640	6.8	244.0
1977	2,093.8	1,845	7.8	241.0
1978	2,427.4	2,146	11.4	270.0
1979	2,947.7	2,537	11.6	399.1
1980	3,406.2	2,875	13.2	518.0
1981	3,775.0	3,200	15.0	560.0
1982	4,235.0	3,700	15.0	520.0
1983	4,483.0	3,974	14.0	495.0
1984	5,139.0	4,582	15.0	542.0
1985	5,544.0	4,986	16.0	542.0
1986	6,362.0	5,802	18.0	542.0
1987	7,180.0	6,530	20.0	630.0
1988	8,587.0	7,849	22.0	716.0
1989	9,628.0	8,785	24.0	819.0
1990	10,357.0	9,409	27.0	921.0

1/ Includes payroll, fuel taxes, and landing fees.

Source: Hawaii State Department of Planning and Economic Development, The Economic Impact of Tourism in Hawaii: 1970 to 1980, Research Report 1983-2 (April 1983), and unpublished 1981-1990 estimates based on the DBED Input-Output Model and Hawaii Econometric Model.

Table 201.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 1970 TO 1990

Year	Visitor-related expenditures <u>1/</u> (million dollars)	Total sales or output <u>2/</u> (million dollars)	Household income (million dollars)	State and county tax revenues (million dollars)	Jobs <u>2/</u> (1,000)
1970	714.6	1,290.8	459.7	69.7	76.6
1971	835.8	1,507.0	538.6	82.8	87.3
1972	982.2	1,766.2	633.6	96.7	96.2
1973	1,181.6	2,122.0	763.5	118.7	105.6
1974	1,408.6	2,522.3	910.7	141.0	112.8
1975	1,559.4	2,751.7	995.9	165.7	113.5
1976	1,890.8	3,263.0	1,184.0	201.4	123.1
1977	2,093.8	3,642.9	1,324.9	225.0	127.3
1978	2,427.4	4,238.7	1,544.2	262.1	132.4
1979	2,947.7	5,005.0	1,826.8	316.7	143.3
1980	3,406.2	5,719.5	2,091.0	353.0	150.0
1981	3,775.0	6,265.2	2,294.1	390.1	154.4
1982	4,235.0	7,162.3	2,627.1	436.9	165.4
1983	4,483.0	7,587.9	2,788.9	461.6	166.2
1984	5,139.0	8,655.9	3,185.6	537.0	180.7
1985	5,544.0	9,210.9	3,390.2	578.8	186.5
1986	6,362.0	10,263.7	3,782.5	657.2	196.3
1987	7,180.0	12,028.3	4,455.2	<u>3/</u> 831.0	207.3
1988	8,587.0	12,744.0	5,100.8	938.4	216.7
1989	9,628.0	15,393.4	5,712.7	1,049.1	222.9
1990	10,357.0	16,478.9	6,115.5	1,123.9	227.2

1/ Direct expenditures by visitors, airline and ship crews, and overseas airlines.

2/ Direct, indirect, and induced.

3/ Partly reflects visitor accommodations tax enacted in 1986 and effective January 1, 1987.

Source: Hawaii State Department of Planning and Economic Development, The Economic Impact of Tourism in Hawaii: 1970 to 1980, Research Report 1983-2 (April 1983), and revised 1970-1989 estimates based on the DBED Input-Output Model and Hawaii Econometric Model.

Table 202.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES,
BY INDUSTRY: 1990

Year and industry	Direct visitor- related expend- itures <u>1/</u> (million dollars)	Total sales or out- put <u>2/</u> (million dollars)	Total house- hold income (million dollars)	Jobs (1,000)	
				Total <u>3/</u>	Direct only
All industries	10,357.0	16,478.9	6,115.5	227.2	126.9
Agriculture	57.0	126.1	55.9	0.7	0.4
Textile and apparel mfg.	93.6	165.6	57.1	3.6	2.2
Other manufacturing	277.6	544.0	144.3	7.0	2.2
Air transportation	607.1	1,068.6	346.1	13.6	6.1
Other transportation	289.0	595.4	228.3	4.4	2.2
Wholesale trade <u>4/</u>	241.7	510.0	220.0	8.3	4.0
Eating and drinking places ...	1,789.3	3,489.2	1,055.7	54.7	31.8
Other retail trade <u>4/</u>	955.8	2,055.1	955.8	43.4	28.4
Hotel services and real estate	2,902.3	6,472.2	2,467.0	62.8	32.5
Other services	705.2	1,452.7	585.3	28.7	17.1
Imports	1,994.3	-	-	-	-

1/ Direct expenditures by visitors, airline and ship crews, and overseas airlines.

2/ Direct, indirect, and induced sales.

3/ Direct, indirect and induced jobs.

4/ Expenditure figure refers to mark-up earned, not total sales revenue.

Source: Hawaii State Department of Business, Economic Development & Tourism, unpublished estimates based on the DBED Input-Output Model and Hawaii Econometric Model.

Table 203.-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES:
1970 TO 1990

Year	Implicit price deflator <u>1/</u> (1982=100)	Average daily room rate <u>2/</u> (dollars)	1-way air fares (dollars)		Honolulu consumer price index <u>5/</u> (1982-84=100)		
			San Francisco-Honolulu <u>3/</u>	Honolulu-Kahului <u>4/</u>	Eating out	Apparel, upkeep	All items
1970 ..	45.2	25.74	97.30	19.00	38.6	56.2	41.5
1971 ..	46.1	24.28	111.35	19.00	40.4	57.4	43.2
1972 ..	47.1	21.83	111.35	19.00	41.7	58.9	44.6
1973 ..	48.9	23.64	110.63	19.64	44.3	60.6	46.6
1974 ..	53.0	26.56	126.64	20.64	49.9	65.1	51.5
1975 ..	58.3	29.75	126.64	21.38	56.9	69.0	56.3
1976 ..	62.5	29.54	126.64	23.00	61.5	71.6	59.1
1977 ..	67.5	34.28	132.05	25.00	65.1	74.3	62.1
1978 ..	73.6	38.49	129.05	27.00	69.7	78.8	66.9
1979 ..	81.0	44.41	141.05	29.00	75.2	83.9	74.3
1980 ..	88.9	47.28	211.08	41.00	81.0	89.8	83.0
1981 ..	95.8	49.73	296.09	51.00	88.5	94.5	91.7
1982 ..	100.0	51.78	328.10	48.00	95.5	98.4	97.2
1983 ..	104.4	54.78	353.14	49.95	100.1	101.4	99.3
1984 ..	108.9	59.25	353.14	49.95	104.5	100.2	103.5
1985 ..	116.5	68.84	364.00	44.95	108.6	99.6	106.8
1986 ..	119.5	73.20	364.00	46.95	111.4	99.8	109.4
1987 ..	125.0	80.09	486.00	48.95	115.6	102.5	114.9
1988 ..	132.0	87.94	494.00	48.95	121.0	106.8	121.7
1989 ..	140.0	95.83	524.00	44.95	122.2	104.3	128.7
1990 ..	147.7	102.10	554.00	49.95	128.0	107.0	138.1

1/ For visitor and crew expenditures. From DBED, Hawaii Gross State Product Accounts: 1958-1988 (June 1989), table 1-5, and records.

2/ From Pannell Kerr Forster, Trends in the Hotel Industry, Hawaii (monthly).

3/ Coach or Economy weekday fare, including taxes, as of July 1, by Pan American World Airways through 1979 and United Airlines thereafter. From chronology in DPED, Statistical Report 103, and Data Book, 1979-1990.

4/ Kamaaina fare, including taxes, as of July 1, by Hawaiian Airlines. From chronology in DPED, Statistical Report 103, and Data Book, 1979-1990.

5/ Honolulu CPI for all urban consumers, from U.S. Bureau of Labor Statistics.

Source: See above footnotes.

Table 204.-- PER DIEM COST OF BUSINESS TRAVEL TO HONOLULU: 1988

[Average daily expenditure of a business traveler for lodging, food, and car rental in the Honolulu Metropolitan Statistical Area]

Item	Amount (dollars)	Percent of U.S. average <u>1/</u>	Rank <u>1/</u>
Total per diem cost	158.65	96.8	37
Food	<u>2/</u> 52.55	95.3	40
Lodging	68.37	105.7	32
Car rental	37.73	85.6	94

NA Not available.

1/ Based on the 100 leading business travel MSAs in the U.S.

2/ Breakfast, \$7.51; lunch, \$9.81; dinner, \$26.75; tax and 15 percent tip, \$8.48.

Source: "1989 Corporate Travel Index," Corporate Travel (offprint, 1989); Honolulu Star-Bulletin, May 18, 1989, pp. C-1 and C-4.

Table 205.-- HAWAII VISITORS BUREAU INCOME AND EXPENDITURES: 1985 TO 1990

[In dollars. Years ended June 30]

Year	Income				Expenditures
	Total	State appropriations <u>1/</u>	Private subscriptions	Other <u>2/</u>	
1985	5,345,724	4,009,391	1,125,914	210,419	5,347,648
1986	6,657,841	5,169,391	1,200,112	288,338	6,657,704
1987	8,652,826	7,069,391	1,242,111	341,324	8,652,487
1988	13,926,560	12,230,000	1,353,259	343,301	13,720,078
1989	14,898,387	13,042,708	1,475,965	379,714	14,103,399
1990	17,666,926	15,888,527	1,566,861	211,538	18,534,888

1/ Net after refunds (if any) to the State.

2/ May include income from Federal grants, mainland promotional programs, literature sales, convention servicing, and interest.

Source: Peat, Marwick, Mitchell & Co., Hawaii Visitors Bureau, Financial Statements and Schedules (annual).

Table 206.-- STATE TOURISM OFFICE BUDGET AND RANK:
1989-90 ACTUAL AND 1990-91 PROJECTED

[Includes Hawaii Visitors Bureau and DBED Tourism Branch]

Category	Amount (\$1,000)		Rank (50 states)	
	1989-90	1990-91	1989-90	1990-91
Total budget	21,999	22,348	2	2
Advertising budget ..	3,337	4,714	13	5

Source: U.S. Travel Data Center, Survey of State Travel Offices 1990-1991 (March 1991).

Table 207.-- CHARACTERISTICS OF RESIDENTS RETURNING FROM THE
MAINLAND: 1985 TO 1990

Year	Number returning	Median age (years)	Males per 100 females	Persons per party ^{1/}	Days absent		Average number absent
					Median	Mean	
1985	403,450	39.2	100.5	1.43	12.2	15.3	16,900
1986	411,440	39.7	98.8	1.45	11.0	14.0	15,735
1987	398,580	41.7	96.4	1.45	10.7	13.1	14,036
1988	521,000	40.0	96.5	1.46	10.8	13.2	18,886
1989	394,080	(NA)	(NA)	2.20	9.1	12.7	13,712
1990	378,640	37.7	83.9	1.86	9.8	13.9	14,400

NA Not available.

^{1/} Increase after 1988 reflects revised editing procedures, in which nonresponse, previously imputed as 1, was distributed.

Source: Hawaii State Department of Business and Economic Development, Out-of-State Travel by Hawaii Residents During 1986 (Statistical Report 202, September 22, 1987), table 2; Hawaii Visitors Bureau, 1989 Westbound Visitors to Hawaii (1990), pp. 30-33, and Basic Data Survey, special tabulations.

Table 208.-- CHARACTERISTICS OF HAWAII RESIDENTS RETURNING FROM
OUT-OF-STATE TRIPS, BY DIRECTION OF TRAVEL: 1990

Subject	Total	Westbound	Eastbound and northbound
All returning residents	444,200	378,640	65,560
Purpose of trip:			
Pleasure	220,090	190,500	29,590
Meetings, conventions, incentive ...	46,910	41,290	5,620
Other business	44,510	34,310	10,200
Visit friends or relatives	111,990	103,240	8,750
Government or military	30,920	20,410	10,520
Attend school	9,470	7,530	1,940
Age:			
Under 10 years	(NA)	42,747	(NA)
10 to 19 years	(NA)	33,509	(NA)
20 to 29 years	(NA)	58,393	(NA)
30 to 39 years	(NA)	71,365	(NA)
40 to 49 years	(NA)	67,909	(NA)
50 to 59 years	(NA)	47,841	(NA)
60 years and over	(NA)	56,877	(NA)
Median (years)	(NA)	37.7	(NA)
Sex:			
Males	(NA)	172,701	(NA)
Females	(NA)	205,939	(NA)
Males per 100 females	(NA)	83.9	(NA)
Persons per party	1.83	1.86	1.70
Days absent:			
Median	(NA)	9.8	14.3
Mean	(NA)	13.9	19.9
Average number absent	17,970	14,400	3,570

NA Not available.

Source: Hawaii Visitors Bureau, Basic Data Survey, special tabulation.

Table 209.-- INTERISLAND, MAINLAND, AND FOREIGN ROUND TRIPS BY ADULT RESIDENTS OF THE STATE DURING THE PAST 12 MONTHS: 1988 AND 1990

[Percent distributions]

Number of trips	1988 <u>1/</u>	1990 <u>2/</u>
INTERISLAND TRIPS		
All adult residents	100	100
None	42	37
1 or 2	30	29
3 to 5	14	17
6 to 10	9	10
11 or more	5	6
Average number of trips	3.3	3.3
MAINLAND ROUND TRIPS		
All adult residents	100	100
None	49	44
1	27	28
2 to 5	21	24
6 or more	3	4
Average number of trips	1.1	1.4
FOREIGN ROUND TRIPS		
All adult residents	100	100
None	83	80
1	11	14
2 or more	6	7
Average number of trips	0.3	0.6

1/ Based on a telephone survey of 600 adult residents, May 12-19, 1988.

2/ Based on a telephone survey of 511 adult residents January 4-9, 1991.

Source: Omnitrak Research and Marketing Group, Inc., survey cited in Honolulu Star-Bulletin, May 31, 1988 (p. C-1), June 7, 1988 (p. C-1), and June 14, 1988 (p. B-1), and data supplied January 25, 1991.

Table 210.-- PASSPORTS ISSUED BY HONOLULU OFFICE: 1987 TO 1990

[Calendar year data. The area served by the Honolulu Passport Office includes Hawaii and American Samoa for all years and Guam and the Northern Mariana Islands beginning November 1988]

Mailing address	1987	1988 <u>1/</u>	1989	1990
Issued by Honolulu Office	47,979	43,875	47,401	51,703
Mailed to Hawaii addresses	(NA)	(NA)	36,034	33,762
Mailed outside the State	(NA)	(NA)	11,367	17,941

NA Not available.

1/ Includes some passports issued in California.

Source: U.S. Department of State, Passport Services, Honolulu Region, records.

Table 211.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS, BY ISLANDS: 1988 TO 1990

Island	Number of attractions reported			Attendance		
	1988	1989	1990	1988	1989	1990
State total ..	76	74	75	20,656,062	19,499,480	21,045,077
Hawaii	13	13	11	5,489,823	4,229,628	4,411,741
Maui <u>1/</u>	14	14	14	988,207	927,470	908,042
Lanai	-	-	-	-	-	-
Molokai	3	3	3	18,709	18,285	15,463
Oahu	36	36	39	13,424,032	13,658,342	15,004,365
Kauai	10	8	8	735,291	665,755	705,466
Niihau	-	-	-	-	-	-

1/ Lahaina Restoration Foundation attractions counted separately.

Source: Table 212.

Table 212.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1988 TO 1990

[Calendar year data unless otherwise specified. Some 1988 and 1989
data have been revised]

Island and cultural attraction	1988	1989	1990
Oahu:			
Bernice P. Bishop Museum <u>1/</u>	362,906	302,127	325,679
The Contemporary Museum <u>2/</u>	5,000	27,009	28,098
Damien Museum and Archives	11,026	11,598	10,848
Dole Cannery Square	302,000	362,000	517,000
Dole Plantation	(NA)	(NA)	1,029,000
Foster Botanic Garden	57,532	54,865	61,240
Fred Ohrt Water Museum	3,334	4,510	4,048
Halawa Tunnel	(NA)	(NA)	3,091
Halawa Xeriscape Garden <u>3/</u>	-	4,284	4,412
Harold L. Lyon Arboretum	11,795	15,371	27,100
Hawaii Maritime Center <u>4/</u>	1,952	66,500	109,200
Hawaii Nature Center	23,142	32,466	34,836
Honolulu Academy of Arts <u>5/</u>	230,736	299,219	256,654
The Honolulu Advertiser Gallery	27,100	27,400	27,800
Honolulu Zoo	875,825	752,207	652,276
Hoomaluhia Park	59,323	59,774	70,630
Iolani Palace State Monument <u>1/</u>	72,000	74,000	72,000
Mission Houses Museum	26,746	29,788	24,902
Moanalua Gardens	10,318	(NA)	21,600
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center)	232,767	219,818	245,782
National Memorial Cemetery of the Pacific	5,623,916	6,049,931	6,281,431
Paradise Cove Luau Park	298,198	264,743	250,354
Paradise Park <u>6/</u>	215,677	185,457	75,142
Polynesian Cultural Center	881,500	850,185	884,043
Puu o Mahuka Heiau State Monument <u>1/</u>	7,000	9,000	6,000
Queen Emma Summer Palace	23,793	20,766	23,627
Royal Mausoleum State Monument <u>1/</u>	74,000	77,000	18,000
Sea Life Park Hawaii	739,041	740,170	692,607
Senator Fong's Plantation and Gardens <u>7/</u>	32,578	55,690	79,483
Tropic Lightning Museum <u>8/</u>	4,500	5,350	4,416
Ulu Po Heiau State Monument <u>1/</u>	2,000	2,000	2,000
U.S. Army Museum, Ft. DeRussy	108,123	125,680	137,267
U.S.S. Arizona Memorial	1,778,347	1,768,587	1,870,805
Visiting either Memorial or Visitor Center	1,462,395	1,444,639	1,469,676
Aboard non-landing tour boats	315,952	323,948	401,129
U.S.S. Bowfin WWII Submarine Exhibit	245,742	202,571	193,172
University of Hawaii Art Gallery	50,000	50,000	50,000
Wahiawa Botanical Garden	17,400	13,248	19,298
Waikiki Aquarium <u>1/</u>	341,819	300,750	303,297

Continued on next page.

Table 212.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1988 TO 1990 -- Con.

Island and cultural attraction	1988	1989	1990
Oahu - con.:			
Waimea Falls Park <u>9/</u>	654,896	580,020	567,952
Waipahu Cultural Garden Park	12,000	14,258	19,275
Hawaii:			
Hawaii Tropical Botanical Garden	33,051	35,466	42,440
Greenwell Store Museum	5,000	5,000	5,000
Hulihee Palace	25,470	27,716	27,368
Jagger Museum	1,900,000	2,000,000	2,000,000
Kealahou Bay State Historical Park <u>1/</u> .	62,000	47,000	51,000
Kilauea Visitor Center	1,800,000	1,800,000	2,000,000
Lapakahi State Historical Park <u>1/</u>	69,000	77,000	101,000
Lyman House Memorial Museum	16,414	16,847	18,913
Panaewa Rainforest Zoo	69,814	77,133	76,118
Parker Ranch Historic Homes <u>10/</u>	(NA)	28,710	(NA)
Parker Ranch Visitor Center	28,000	31,000	(NA)
Volcano Art Center <u>11/</u>	52,470	55,450	58,500
Wahaula Visitor Center <u>12/</u>	1,400,000	(NA)	-
Wailoa Center	28,604	28,306	31,402
Maui:			
Alexander & Baldwin Sugar Museum	24,517	28,629	30,676
Halekii-Pihana Heiaus State Monument <u>1/</u> .	38,000	35,000	11,000
Hale Wai Wai O Hana	8,266	8,035	9,664
Kula Botanical Gardens	19,750	20,021	20,305
Lahaina Restoration Foundation	174,827	159,320	187,637
Baldwin Missionary Home Museum	46,302	50,969	47,667
Brig Carthaginian <u>13/</u>	52,185	21,139	48,400
Hale Pa'ahao (Old Lahaina Prison) <u>14/</u> .	17,650	25,340	30,770
Hale Pa'i Printing House	6,200	5,400	4,800
Kalaupapa Lighthouse Lens Exhibit <u>15/</u> .	19,910	22,082	12,600
Wo Hing Temple Museum	32,580	34,390	43,400
Maui Historical Society Museum	17,682	18,495	14,207
Maui Tropical Plantation	455,000	397,458	381,843
Maui Zoological & Botanical Gardens	67,000	70,200	36,000
Whalers Village Museum	183,165	190,312	216,710
Kauai:			
Coco Palms Zoo <u>16/</u>	6,142	(NA)	(NA)
Grove Farm Homestead <u>17/</u>	4,408	3,627	4,290
Hanalei Museum <u>18/</u>	6,500	(NA)	-
Ho'opulapula Haraguchi Rice Mill <u>19/</u>	350	625	1,265
Kauai Museum <u>20/</u>	29,268	29,756	28,656
Kilauea National Wildlife Refuge	247,698	204,731	242,215
Koikee Natural History Museum	95,213	101,060	96,684

Continued on next page.

Table 212.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1988 TO 1990 -- Con.

Island and cultural attraction	1988	1989	1990
Kauai - con.:			
National Tropical Botanical Garden	12,000	16,000	15,000
Russian Fort Elizabeth State Historical Park <u>21/</u>	331,000	308,000	315,000
Waioli Mission House <u>17/</u>	2,712	1,956	2,356
Molokai:			
Kalaupapa Settlement	7,900	8,439	8,264
Molokai Ranch Wildlife Park	5,919	5,920	4,854
R. W. Meyer Sugar Mill <u>22/</u>	4,890	3,926	2,345

- NA Not available.
- 1/ Years ended June 30.
- 2/ Opened October 1988.
- 3/ Opened September 30, 1989.
- 4/ Closed for renovation during first 11 months of 1988.
- 5/ Includes Academy Theatre (56,151 in 1988, 109,119 in 1989, and 63,430 in 1990).
- 6/ Closed June 1990-January 1991.
- 7/ Opened April 11, 1988.
- 8/ Closed November 1, 1990-October 1991.
- 9/ Closed November 20, 1990-early 1991 for repairs.
- 10/ Opened December 1, 1988.
- 11/ Revised figure for 1987 was 50,750.
- 12/ Destroyed July 1989.
- 13/ Closed September 1, 1988 to June 30, 1989 for repairs.
- 14/ Opened in April 1988.
- 15/ Opened April 1987. Closed June 30, 1990.
- 16/ Closed February 8, 1990.
- 17/ Closed 2 months in 1989 for repairs.
- 18/ Closed July 1989.
- 19/ Open primarily for school children and senior groups.
- 20/ Closed one week in September 1990.
- 21/ Years ended June 30. Attendance estimates reflect heavy use of restrooms by tour bus passengers.
- 22/ Opened to general public December 5, 1988.
- Source: Hawaii State Department of Business, Economic Development & Tourism, annual mail and telephone survey of attractions.

Table 213.-- HONOLULU SYMPHONY ORCHESTRA: 1980-1981 TO 1990-1991

Season	Average number of orchestra personnel	Number of performances	Total attendance	Operating expenses (dollars)
1980-1981	80	107	155,622	2,211,082
1981-1982	80	109	168,900	2,627,293
1982-1983	80	142	204,193	2,817,196
1983-1984	80	133	194,600	2,562,500
1984-1985	80	120	167,500	2,966,700
1985-1986	80	137	208,370	3,053,257
1986-1987 1/ ..	80	85	139,703	2,394,804
1987-1988	79	127	184,897	4,143,347
1988-1989	80	134	215,808	4,234,275
1989-1990	80	141	183,434	4,978,813
1990-1991	80	101	160,214	5,465,467

1/ Season shortened by musicians' strike, Aug. 8-Nov. 26, 1986.
 Source: Honolulu Symphony Society, records.

Table 214.-- PERFORMING ARTS STATISTICAL SUMMARY, FOR OAHU:
 1979-1980 TO 1989-1990 SEASONS

Season	Number of groups reporting	Productions	Performances	Attendance
1979-1980	12	183	1,178	723,581
1980-1981	13	254	1,128	830,585
1981-1982	12	500	1,300	804,647
1982-1983	13	502	1,376	936,821
1983-1984	13	695	1,734	1,060,367
1984-1985	12	773	1,809	1,086,930
1985-1986	12	353	1,245	845,328
1986-1987	12	439	1,354	875,063
1987-1988	12	385	1,610	1,248,828
1988-1989	12	382	1,545	1,154,107
1989-1990	12	377	1,419	967,105

Source: DBED mail and telephone surveys.

Table 215.-- PERFORMING ARTS, FOR OAHU: 1989-1990 SEASON

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups	377	1,419	967,105
Brigham Young University - Hawaii Campus	6	14	4,700
Chaminade University of Honolulu	2	8	840
Hawaii Loa College 1/	2	8	560
Diamond Head Theatre (formerly Honolulu Community Theatre)	8	121	42,957
Honolulu Department of Auditoriums, total ...	105	188	447,304
Ballets	1	6	13,866
Concerts	75	107	232,200
Operas	3	9	17,697
Rock shows	11	12	63,270
Other dramatic and musical productions	15	54	120,271
Honolulu Theatre for Youth	8	286	121,771
Leeward Community College	53	193	79,678
Manoa Valley Theatre	7	129	21,266
The Starving Artists' Theatre Company	11	165	39,424
Adults	6	90	5,824
Children	5	75	33,600
U.S. Army Support Command, total	153	177	163,577
Army Community Theatre	4	28	11,992
Soldier bands and jam sessions	72	72	31,044
DOD/USO touring shows, showmobile activities, and special events	77	77	120,541
University of Hawaii at Manoa	19	110	42,012
Windward Community College	3	20	3,016

Source: DBED mail and telephone survey.

Table 216.-- RESIDENT AND VISITOR PARTICIPATION IN RECREATIONAL ACTIVITIES:
1989

[Percent. Based on a telephone survey of 1,017 responding residents, made in Nov.-Dec. 1989, and an intercept survey of 1,002 responding visitors, questioned at four airports during August 1989]

Activity	Residents				Visitors	
	At least once		Average day		At least once <u>5/</u>	Average day <u>6/</u>
	Week-end <u>1/</u>	Week-day <u>2/</u>	Week-end <u>3/</u>	Week-day <u>4/</u>		
Bodysurfing or bodyboarding .	3	2	2	1	16	6
Surfing	1	1	1	(Z)	5	1
Windsurfing	(Z)	(Z)	(Z)	(Z)	1	(Z)
Jetskiing	(Z)	(Z)	(Z)	(Z)	2	(Z)
Canoeing or kayaking <u>7/</u>	1	1	(Z)	(Z)	...	...
Ocean sailing or boating	1	1	1	(Z)	26	5
Near-shore diving <u>8/</u>	1	1	(Z)	(Z)	39	11
Shoreline fishing	2	1	1	(Z)	85	30
Other beach activities <u>9/</u> ...	15	6	8	2		
Swimming at public pools <u>7/</u> .	1	1	(Z)	(Z)	...	...
Golfing	2	2	1	1	8	2
Field games (e.g., soccer) <u>7/</u>	3	3	2	1	...	...
Outside public court games ..	3	4	2	1	10	3
Hunting <u>7/</u>	(Z)	(Z)	(Z)	(Z)	...	...
Overnight camping	1	(Z)	(Z)	0	2	1
Hiking on trails	1	1	1	(Z)	16	4
Walking, jogging, running <u>7/</u>	8	16	7	7	...	...
Bicycle riding <u>7/</u>	4	6	3	3	...	...

Z Less than one-half of 1 percent.

1/ Percent of residents participating at least once during last two weekend days.

2/ Percent of residents participating at least once during last five weekdays.

3/ Percent of residents participating on any given weekend day.

4/ Percent of residents participating on any given weekday.

5/ Percent of visitors participating at least once during stay on given island.

6/ Percent of visitors participating any given August day.

7/ Not tabulated for visitors.

8/ Snorkeling, scuba, or extended freediving.

9/ Swimming, sunbathing, picknicking, etc.

Source: Hawaii State Department of Land and Natural Resources, State Recreation Functional Plan, Technical Reference Document (Dec. 1990), pp. 27-28 and 38.

Table 217.-- NATIONAL PARKS: 1980 TO 1990

Year and area	Acreage, Dec. 31 ^{1/}			Visits ^{2/}
	Total	Federal	Non-federal	
1980	247,488	235,243	12,245	3,479,797
1981	247,488	235,243	12,245	4,225,217
1982	247,488	235,243	12,245	4,950,621
1983	247,349	235,243	12,106	5,252,385
1984	247,349	235,243	12,106	5,429,289
1985	247,349	235,243	12,106	4,029,929
1986	247,349	235,565	11,784	4,736,281
1987	247,349	235,565	11,784	5,225,641
1988	247,349	235,624	11,725	5,198,428
1989	247,349	235,624	11,725	5,558,227
1990	247,349	235,885	11,464	5,607,148
AREAS: 1990				
Hawaii Volcanoes National Park ...	207,643	207,643	-	2,368,219
Haleakala National Park	27,350	27,350	-	1,289,903
Pu'u honua o Honaunau National Historical Park	181	181	-	392,366
Kaloko-Honokohau National Historical Park	1,161	616	545	23,586
Pu'ukohola Heiau National Historic Site	100	60	40	63,398
U.S.S. Arizona Memorial ^{3/}	12	12	-	1,469,676
Kalaupapa National Historical Park	10,902	23	10,879	(NA)

NA Not available.

^{1/} Data exclude the Olaa Forest Tract. This 9,654-acre tract is entirely in Federal ownership, is managed by the National Park Service, and has been designated as part of the wilderness system by the Congress, but it is not within the legally authorized boundary of Hawaii Volcanoes National Park.

^{2/} Decline in 1985 reflects use of new benchmark data for Hawaii Volcanoes National Park estimates, rather than an actual drop in visits.

^{3/} The U.S.S. Arizona Memorial is wholly within the Pearl Harbor Naval Base. The acreage figure is the approximate extent of the total area over which the National Park Service has been granted use rights by the U.S. Navy.

Source: U.S. Department of the Interior, National Park Service, Pacific Area Office, records.

Table 218.-- STATE PARKS AND HISTORIC SITES: 1981 TO 1991

Year and island	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
1980	66	20,637	916.7	17,169
1981	71	20,836	937.8	15,611
1982	72	20,885	937.8	18,111
1983	74	20,564	980.1	17,246
1984	74	24,751	979.1	19,406
1985	74	24,799	882.1	19,908
1986	74	24,865	882.1	19,680
1987	76	24,909	883.6	20,068
1988	76	24,853	884.9	18,488
1989	77	24,877	887.6	17,270
1990	77	24,857	887.3	19,727
1991	77	24,896	897.3	19,022
ISLANDS: 1990				
Hawaii	20	1,361.4	281.6	4,307
Maui	12	343.1	56.0	3,611
Molokai	1	233.7	10.0	81
Oahu	33	9,130.6	396.7	2,984
Kauai	11	13,788.0	143.0	8,744
ISLANDS: 1991				
Hawaii	20	1,355.0	281.6	4,592
Maui	12	348.6	56.0	2,698
Molokai	1	233.7	10.0	72
Oahu	33	9,170.5	406.7	3,178
Kauai	11	13,788.0	143.0	8,482

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

Table 219.-- MAJOR STATE PARKS: 1990 AND 1991

[Parks having at least 700,000 recreation visits or 1,000 acres]

Park	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
	Total	Developed	
1990			
Wailua River State Park <u>1/</u>	1,125.9	50.4	3,880
Haena State Park	65.7	2.0	1,974
Hapuna Beach State Recreation Area ..	61.8	20.7	1,135
Waimea Canyon State Park	1,866.4	10.0	930
Waianapanapa State Park	122.1	18.0	879
Kokee State Park	4,345.0	55.0	867
Old Kona Airport State Rec. Area	103.7	20.4	796
Na Pali Coast State Park	6,175.0	4.0	91
Kahana Valley State Park	5,220.3	20.0	49
Sacred Falls State Park	1,374.2	10.0	44
1991			
Wailua River State Park <u>1/</u>	1,125.9	50.4	3,610
Haena State Park	65.7	2.0	1,864
Kokee State Park	4,345.0	55.0	1,078
Waimea Canyon State Park	1,866.4	10.0	901
Hapuna Beach State Recreation Area ..	61.8	20.7	846
Wailuku River State Park	16.3	3.5	806
Old Kona Airport State Rec. Area	103.7	20.4	768
Na Pali Coast State Park	6,175.0	4.0	102
Kahana Valley State Park	5,248.2	20.0	67
Sacred Falls State Park	1,374.2	10.0	70

1/ Seven separate areas in both 1990 and 1991.

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

Table 220.-- NATIONAL AND STATE HISTORIC SITES, BY ISLANDS: 1991

Island	Total sites <u>1/</u>	Listed Hawaii Register only	Listed National Register only	Listed both Hawaii and National Register	Eligible for Nat'l Register <u>1/</u>
State total ..	464	188	99	137	40
Hawaii	116	60	19	28	9
Maui	45	30	5	9	1
Kahoolawe	1	-	1	-	-
Lanai	3	1	1	1	-
Molokai	44	14	3	24	3
Oahu	182	42	65	53	22
Kauai	73	41	5	22	5

1/ Sites declared eligible for National Register listing by the National Board.

Source: Hawaii State Department of Land and Natural Resources, Historic Sites Division, records.

Table 221.-- COUNTY PARKS, BY ISLANDS: 1985 TO 1990

[As of December 31]

Subject	1985	1986	1987	1988	1989	1990
Number, total	551	560	561	569	575	582
Hawaii	134	141	141	142	142	142
Maui	80	82	83	85	86	90
Lanai	3	3	3	4	4	4
Molokai	11	11	12	13	13	13
Oahu	266	266	265	266	271	274
Kauai	57	57	57	59	59	59
Acreage, total	8,222	8,227	8,324	8,336	8,506	8,593
Hawaii	1,434	1,424	1,428	1,430	1,430	1,430
Maui	899	905	917	926	928	942
Lanai	7	7	7	15	15	15
Molokai	54	54	58	73	73	73
Oahu	5,242	5,251	5,328	5,356	5,524	5,599
Kauai	586	586	586	536	536	534

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from data provided by County parks and recreation departments.

Table 222.-- AQUATIC COLLECTIONS: DECEMBER 31, 1990

[For annual attendance, 1988-1990, see table 220]

Phylum or class	Sea Life Park		Waikiki Aquarium	
	Species	Individuals	Species	Individuals
Total	265	16,123	289	1,200
Fishes	145	4,000	170	530
Reptiles	3	42	3	4
Mammals	1/ 6	81	1	2
Invertebrates	111	12,000	115	664

1/ Plus 1 hybrid.

Source: Sea Life Park, records; Waikiki Aquarium, records.

Table 223.-- ZOOS: 1988 TO 1990

Subject and zoo	1988	1989	1990
Species: 1/			
Honolulu Zoo	222	197	221
Maui Zoological & Botanical Gardens .	33	35	33
Molokai Ranch Wildlife Park	10	10	10
Panaewa Rainforest Zoo (Hilo)	53	57	57
Individuals: 1/			
Honolulu Zoo	877	711	832
Maui Zoological & Botanical Gardens .	157	153	164
Molokai Ranch Wildlife Park	806	1,019	969
Panaewa Rainforest Zoo (Hilo)	175	195	185
Attendance:			
Honolulu Zoo	875,825	752,207	652,276
Maui Zoological & Botanical Gardens .	67,000	70,200	36,000
Molokai Ranch Wildlife Park	5,919	5,920	4,854
Panaewa Rainforest Zoo (Hilo)	69,814	77,133	76,118

1/ Animal and bird inventory, December 31.

Source: Data obtained by Hawaii State Department of Business, Economic Development & Tourism from Molokai Ranch Wildlife Park and the parks and recreation departments of the City and County of Honolulu and Counties of Hawaii and Maui.

Table 224.-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR
THE CITY AND COUNTY OF HONOLULU: 1991

[Year ended June 30]

Beach park	Attend- ance <u>1/</u>	Activity (percent)			Res- cues	Drown- ings	Surfing acci- dents
		Sun	Swim	Surf			
All parks	18,938,860	65	22	13	625	10	202
Ala Moana	1,380,347	60	31	9	34	2	12
Waikiki	11,339,162	84	11	6	79	1	51
Hanauma	1,952,795	74	26	-	74	2	3
Sandy	677,896	61	13	26	150	2	61
Makapuu	255,244	47	21	32	61	2	12
Bellows	114,117	65	17	18	3	-	-
Kailua	472,876	71	20	9	14	-	1
Kualoa	30,709	69	30	1	-	-	-
Sunset	280,196	70	16	15	13	-	5
Ehukai	181,639	63	11	26	16	1	15
Ke Waena	189,944	63	12	25	7	-	10
Waimea	450,638	80	19	1	59	-	11
Alii	259,409	71	18	12	23	-	10
Nanakuli	400,380	64	35	1	32	-	6
Maili	167,139	57	29	14	18	-	1
Pokai Bay	436,870	59	40	1	8	-	-
Makaha	349,499	55	24	21	34	-	4

1/ Based on headcounts taken at approximately two-hour intervals by Water Safety Officers over an 8-hour work day.

Source: City and County of Honolulu, Department of Parks and Recreation, Water Safety Division, records.

Table 225.-- SWIMMING AND SURFING SITES, BY ISLANDS

Subject	Six islands	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
Miles of sandy shoreline 1/	184.9	19.4	32.6	18.2	23.2	50.3	41.2
Primary 2/	24.4	1.2	7.9	-	-	12.5	2.8
Other	160.5	18.2	24.7	18.2	23.2	37.8	38.4
Number of surfing sites 3/	1,600	185	212	99	180	594	330

1/ Surveyed in 1962. For specific beaches, see present volume, table 131.

2/ Safe, clean, accessible, and generally suitable for swimming.

3/ Surveyed in 1971. A surfing site is defined as "a specific wave-breaking zone caused by a shoal and having sufficient consistency to be identified as a surfable riding area, either seasonally or in a combination of seasons, e.g., Queen's Surf, Waikiki."

Source: Hawaii State Department of Planning and Economic Development, Hawaii's Shoreline (1965), p. 7; Surfing Education Association, The 1971 Statewide Surfing Site Survey, Vol. 1, p. 93.

Table 226.-- COUNTY TENNIS FACILITIES: 1989 AND 1990

[As of December 31]

Subject	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
Locations:							
1989	89	20	11	1	1	46	10
1990	89	20	11	1	1	46	10
Courts:							
1989	282	44	33	2	4	175	24
1990	279	44	32	2	2	175	24

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from the County parks and recreation departments.

Table 227.-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLANDS:
FEBRUARY 1991

Status, island, and ownership	Number of golf courses				Number of holes
	Total	9-hole	18-hole	27-hole	
State total ...	65	11	52	2	1,089
Hawaii	12	2	9	1	207
Municipal	1	-	1	-	18
Private	11	2	8	1	189
Maui	11	1	10	-	189
Municipal	1	-	1	-	18
Private	10	1	9	-	171
Lanai	1	1	-	-	9
Private	1	1	-	-	9
Molokai	2	1	1	-	27
Private	2	1	1	-	27
Oahu	30	5	25	-	495
Military	9	3	6	-	135
Municipal	5	1	4	-	81
Private	16	1	15	-	279
Kauai	9	1	7	1	162
Municipal	1	-	1	-	18
Private	8	1	6	1	144

Source: Compiled by Hawaii State Department of Business, Economic Development & Tourism from county departments of parks and recreation.

Table 228.-- COUNTY GOLF COURSES AND CAMPING PERMITS, FOR OAHU:
1985 TO 1990

Calendar year	Public golf courses			Camping permits issued <u>1/</u>
	Courses	Holes	Rounds played	
1985	4	63	484,594	6,937
1986	4	63	536,204	8,049
1987	4	63	548,668	8,352
1988	4	63	545,547	8,261
1989	5	81	555,671	7,773
1990	5	81	519,563	9,865

1/ By the City and County of Honolulu.

Source: City and County of Honolulu, Department of Parks and Recreation, records.

Table 229.-- HAWAIIAN OPEN SCORES AND PURSES: 1986 TO 1991

[The Hawaiian Open is held at the Waialae Country Club golf course. Distance is 6,975 yards; par is 72. For annual data back to 1965, see Data Book 1986, table 247]

Year	Holes	Winning score		Purse (dollars)	
		Total	Below par	Total	Winner
1986	72	272	16	500,000	90,000
1987	72	*270	18	600,000	108,000
1988	72	271	17	600,000	108,000
1989 <u>1/</u>	54	197	19	750,000	135,000
1990	72	279	9	1,000,000	180,000
1991	72	270	18	1,100,000	198,000

* Sudden-death playoff.

1/ Reduced to 54 holes because of rain delays.

Source: Sunday Star-Bulletin and Advertiser, February 1, 1987, p. D-13; Honolulu Advertiser, February 9, 1987, p. F-1, February 15, 1988, p. C-1, and February 13, 1989, pp. C-1 and C-4, and February 12, 1990, p. C-4; Hawaiian Open, records.

Table 230.-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES,
BY ISLANDS: APRIL 1991

Island	Public hunting areas		National Wildlife Refuges ^{1/}		Other wildlife sanctuaries and refuges	
	Number	1,000 acres	Number	1,000 acres	Number	1,000 acres
State total	61	1,044.8	7	271.0	12	83.9
Hawaii	27	747.4	1	15.0	5	82.8
Maui	8	103.6	-	-	2	0.1
Lanai	1	35.6	-	-	-	-
Molokai	3	27.5	1	0.0	-	-
Oahu	11	24.0	2	0.2	5	0.7
Kauai	11	106.7	3	1.2	-	-
Other islands	-	-	1	254.6	(<u>2/</u>)	0.3

1/ U.S. Fish and Wildlife Service.

2/ The Hawaii State Seabird Sanctuary is comprised of 36 islets offshore all major islands, including Kure Atoll in the Northwestern Hawaiian Islands. This sanctuary is administered out of the Oahu District office.

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

Table 231.-- FISHING AND HUNTING LICENSES ISSUED: 1986 TO 1991

[Years ended June 30]

Type of license	1986	1987	1988	1989	1990	1991
Freshwater game fishing ..	8,200	8,669	10,512	9,565	10,010	9,250
Hunting	12,776	12,748	13,469	12,714	13,805	10,529

Source: Hawaii State Department of Land and Natural Resources, Division of Conservation and Resources Enforcement, records.

Table 232.-- SPORTS FISHING AND HUNTING BY PERSONS 16 YEARS AND OVER, BY RESIDENCE STATUS: 1985

Activity and characteristic	In Hawaii		Hawaii residents, outside Hawaii
	Hawaii residents	Nonresidents	
Fishing:			
Persons fishing (1,000)	140	55	14
Days of fishing (1,000)	3,197	291	116
Per person	23	5	8
Hunting:			
Persons hunting (1,000)	22	2	2
Days of hunting (1,000)	542	5	36
Per person	25	(B)	(B)

B Sample size too small to report data reliably.

Source: U.S. Department of the Interior, Fish and Wildlife Service, 1985 National Survey of Fishing, Hunting, and Wildlife Associated Recreation (November 1988), pp. 117, 118, 128, and 129.

Table 233.-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND WINNING TIMES: 1985 TO 1991

Year	Number of registrants	Number of finishers	Winning time (hr., min., sec.)	
			Men	Women
1985	9,310	8,287	2:12:08	2:35:51
1986	10,354	8,563	2:11:43	2:31:01
1987	10,413	8,793	2:18:26	2:35:11
1988	10,205	8,808	2:12:47	2:41:52
1989	10,814	9,673	2:11:47	2:31:50
1990	13,268	11,849	2:17:29	2:33:34
1991	14,603	13,038	2:18:24	2:40:11

Source: Honolulu Marathon Association, records.

Table 234.-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP REGISTRANTS,
FINISHERS, AND WINNING TIMES: 1986 TO 1991

Year	Number of registrants	Number of finishers	Winning time (hr., min., sec.)	
			Men	Women
1986	1,039	951	8:28:37	9:49:14
1987	1,381	1,286	8:34:13	9:35:25
1988	1,277	1,189	8:31:00	9:01:01
1989	1,286	1,231	8:09:15	9:00:56
1990	1,386	1,235	8:28:17	9:13:43
1991	1,379	1,312	8:18:32	9:07:52

Source: Ironman Triathlon World Championship, records.

Table 235.-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES AND
WINNING TIMES: 1981 TO 1991

[The Honolulu Race, sponsored by the Transpacific Yacht Club of Los Angeles, is run biennially between San Pedro, California, and Diamond Head Lighthouse, a great circle distance of 2,217 nautical miles]

Year	Boats entered	Winning times (days, hours, minutes, seconds)	
		Elapsed	Corrected
1981	70	8:11:02:31	7:21:44:48
1983	66	1/ 9:01:53:48	7:22:55:15
1985	65	13:06:31:19	9:14:07:40
1987	55	8:12:00:40	8:00:56:41
1989	45	8:12:50:35	8:02:54:08
1991	42	10:08:59:35	9:22:34:13

1/ A catamaran, not officially entered in the race, recorded an elapsed time of 7:7:30:56.

Source: The Transpacific Yacht Club, 1982-83 Transpacific Yacht Club Year Book (1983); Honolulu Advertiser, July 12, 1983, July 4, 1985, July 19, 1985, and July 10, 1989; Honolulu Star-Bulletin, July 15, 1983; Sunday Star-Bulletin and Advertiser, July 10, 1983; Transpac Honolulu Committee, records.

Table 236.-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:
1985-1986 TO 1990-1991 SEASONS

Bowl	1985- 1986	1986- 1987	1987- 1988	1988- 1989	1989- 1990	1990- 1991
Aloha Bowl	30,574	20,666	20,093	18,967	39,267	14,185
Hula Bowl	20,943	15,774	26,737	28,896	20,274	17,789
Pro Bowl	47,906	46,799	46,692	46,464	45,135	45,097

Source: Hawaii State Department of Accounting and General Services, Stadium Authority, records.

Table 237.-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF HAWAII
AT MANOA: 1989-1990 AND 1990-1991

[Includes only games played against four-year collegiate teams]

Sports	Games played <u>1/</u>				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
1989-1990:						
Baseball	62	37	24	1	50	118,305
Basketball (men's) ...	35	25	10	-	16	93,565
Basketball (women's) .	30	26	4	-	17	9,549
Football	13	9	3	1	10	445,348
Volleyball (men's) ...	27	18	9	-	12	13,488
Volleyball (women's) .	32	29	3	-	18	37,760
1990-1991:						
Baseball	69	51	18	-	44	143,027
Basketball (men's) ...	29	16	13	-	17	97,370
Basketball (women's) .	27	12	15	-	15	12,663
Football	12	7	5	-	8	331,041
Volleyball (men's) ...	24	7	17	-	10	7,991
Volleyball (women's) .	34	28	6	-	23	44,803

1/ Volleyball data refer to matches.

Source: University of Hawaii, Office of Intercollegiate Athletics, Sports Information Office, records.

Table 238.-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:
1990-1991 SEASON

Sport	Players	Games <u>1/</u>	Attendance	Expenditure <u>2/</u> (dollars)
Baseball	Boys	406	67,482	289,788
Basketball ..	Boys and girls	1,036	135,218	524,698
Football	Boys	278	416,963	821,614

1/ Junior varsity and varsity games, based on published schedules from public school leagues. Data exclude pre-season and post-season games.

2/ Data on expenditures and encumbrances reflect figures from the general and school trust funds.

Source: Hawaii State Department of Education, Office of Instructional Services Section, Athletics Program, records.

Table 239.-- PROFESSIONAL BOXING: 1985 TO 1990

Year	Number of promoters	Number of shows	Paid attendance	Gross receipts (dollars)
1985 ...	1	9	18,278	201,852
1986 ...	2	6	7,181	67,105
1987 ...	1	2	1,152	15,560
1988 ...	-	-	-	-
1989 ...	3	10	14,869	218,810
1990 ...	3	8	9,246	172,900

Source: Hawaii State Department of Commerce and Consumer Affairs, Boxing Commission, records.

Table 240.-- DOG LICENSES ISSUED, BY ISLANDS: 1985 TO 1990

[Dogs are licensed on a biennial basis]

Year	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
1985	33,598	2,809	2,171	35	111	27,654	818
1986	18,713	2,078	1,204	12	39	15,151	229
1987	28,208	3,287	1,633	35	65	22,573	615
1988	21,040	3,181	1,517	13	145	15,968	216
1989	27,147	3,759	2,321	14	105	19,500	1,448
1990	26,620	3,081	2,688	7	148	20,000	696

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from the County Departments of Finance.