

## 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 6.1 million visitors stayed overnight or longer in Hawaii during 1988, compared with 3,670,000 in 1978 and only 1,315,000 in 1968. The average number present at any given time during 1988 was 141,000. Total visitor expenditures (exclusive of trans-Pacific fares) in 1988 were estimated by the Hawaii Visitors Bureau at \$9.2 billion, compared with \$2.1 billion a decade earlier. The 1988 visitor total included 4.0 million from other States, 248,000 from Canada, and 1,217,000 from Japan. Expenditures per visitor day in 1988 averaged \$119 for westbound visitors and \$586 for the Japanese. Visitor-related spending in 1987 resulted in tax revenues of \$831 million and generated 213,000 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, 76 State parks, 569 county parks, 56 golf courses, 278 public tennis courts, 2,000 small-boat moorages, 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 1988 included Waikiki Beach, the National Memorial Cemetery of the Pacific, Hanauma Bay, Wailua River State Park, and Ala Moana Park. Total visits to 74 museums, State monuments, zoos, and similar attractions in 1988 numbered 21.9 million. About 521,000 Hawaii residents traveled to the Mainland in 1988. Twelve theatrical groups on Oahu reported 1,610 performances of 385 productions for the 1987-1988 season, with a combined audience of 1.25 million. During the 1988-1989 season, the Honolulu Symphony Orchestra gave 134 concerts, with a total attendance of 216,000. During the 1988-1989 school year, attendance at UH-Manoa varsity baseball, basketball, football and volleyball home games was 641,000.

Information on recreation and tourism is issued periodically by the Hawaii Visitors Bureau (particularly in its Annual Research Report), the State Parks Division of the Department of Land and Natural Resources, the Hawaii State Department of Business and Economic Development, 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: 1989.

Table 182.-- PASSENGERS ARRIVING, BY DIRECTION OF TRAVEL AND TRANSIT STATUS: 1979 TO 1988

Direction and status	1979	1980	1981	1982	1983
All directions ..	5,291,333	5,380,383	5,305,809	5,580,240	5,546,540
Landing .....	4,144,183	4,172,640	4,211,250	4,582,020	4,653,450
Intransit .....	1,147,150	1,207,743	1,094,559	998,220	893,090
Westbound <u>1</u> / .....	3,839,041	3,861,059	3,780,383	4,078,360	4,098,720
Landing .....	3,292,928	3,257,853	3,223,653	3,589,625	3,654,560
Intransit .....	546,113	603,206	556,730	488,735	444,160
Eastbound <u>2</u> / .....	1,452,292	1,519,324	1,525,426	1,501,880	1,447,820
Landing .....	851,255	914,787	987,597	992,390	998,890
Intransit .....	601,037	604,537	537,829	509,490	448,930
Direction and status	1984	1985	1986	1987	1988
All directions ..	6,107,730	6,314,290	7,063,710	7,324,280	7,894,680
Landing .....	5,242,770	5,338,170	6,068,990	6,248,550	6,715,600
Intransit .....	864,960	976,120	994,720	1,075,730	1,179,080
Westbound <u>1</u> / .....	4,543,890	4,675,690	5,245,690	5,214,520	5,443,980
Landing .....	4,082,070	4,137,830	4,689,480	4,617,230	4,793,580
Intransit .....	461,820	537,860	556,210	597,290	650,400
Eastbound <u>2</u> / .....	1,563,840	1,638,600	1,818,020	2,109,760	2,450,700
Landing .....	1,160,700	1,200,340	1,379,510	1,631,320	1,922,020
Intransit .....	403,140	438,260	438,510	478,440	528,680

1/ Arriving from North America.

2/ Arriving from Asia or Oceania.

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

Table 183.-- RESIDENCE STATUS OF WESTBOUND PASSENGERS ARRIVING  
IN HAWAII: 1983 TO 1988

[Based on a 20-percent sample for 1983 and a 10-percent  
sample thereafter]

Year	All westbound passengers	Visitors destined to Hawaii	Visitors destined beyond Hawaii		Returning residents	Intended residents
			Overnight or longer	In transit		
1983 ...	4,098,740	3,086,995	309,120	444,180	236,725	21,720
1984 ...	4,543,890	3,385,880	335,500	461,820	333,640	27,050
1985 ...	4,675,690	3,386,530	322,080	537,860	403,450	25,770
1986 ...	5,245,690	3,915,770	340,620	556,210	411,440	21,650
1987 ...	5,214,520	3,868,880	335,130	597,290	398,580	14,640
1988 ...	5,443,980	3,903,640	361,090	650,400	521,000	7,850

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

Table 184.-- WESTBOUND PARTIES, BY VISITOR STATUS:  
1987 AND 1988

Year	All surveyed parties	Visitors destined --		Returning residents	Intended residents
		To Hawaii	Beyond Hawaii		
1987 ..	2,626,140	2,133,280	208,410	275,590	8,860
1988 ..	2,719,110	2,136,630	219,300	357,780	5,400

Source: Hawaii Visitors Bureau, 1988 Westbound Visitors to Hawaii, p. 8.

Table 185.-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS: 1964 TO 1988

[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

1/ Arriving from the Mainland United States or Canada. Based on a 20-percent sample through 1983 and a 10-percent sample thereafter.

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

Table 186.-- RESIDENCE OF OVERNIGHT AND LONGER VISITORS TO HAWAII:  
1988

Country of residence	Total	Westbound	Eastbound
All visitors .....	6,142,420	4,264,730	1,877,690
United States .....	4,037,110	3,438,380	598,730
Canada .....	248,170	221,560	26,610
Asia .....	1,344,690	252,010	1,092,680
Japan .....	1,216,770	218,300	998,470
Taiwan or China .....	42,720	3,720	39,000
Korea .....	21,870	9,970	11,900
Philippines .....	10,400	5,560	4,840
Singapore .....	10,340	2,460	7,880
Indonesia .....	6,240	2,380	3,860
Other Asia .....	36,350	9,620	26,730
South Pacific .....	266,760	173,200	93,560
Australia .....	169,110	116,090	53,020
New Zealand .....	90,990	55,520	35,470
Other South Pacific .....	6,660	1,590	5,070
Europe .....	225,570	167,350	58,220
United Kingdom .....	79,230	53,520	25,710
West Germany .....	57,310	48,330	8,980
Other Europe .....	89,030	65,500	23,530
Other foreign countries .....	20,120	12,230	7,890

Source: Hawaii Visitors Bureau, 1988 Annual Research Report, p. 5.

Table 187.-- VISITOR DAYS, BY DIRECTION OF TRAVEL:  
1987 AND 1988

Year	Total	Westbound	Eastbound and northbound <sup>1/</sup>
1987 .....	49,010,010	42,626,730	6,383,280
1988 .....	51,756,610	42,368,160	9,388,450

<sup>1/</sup> Approximate totals, based on 4-day average length of stay.

Source: Hawaii Visitors Bureau, 1988 Westbound Visitors to Hawaii, p. 6.

Table 188.-- WESTBOUND VISITOR ARRIVALS, BY COUNTIES VISITED:  
1983 TO 1988

[Covers westbound visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Based on a 20-percent sample for 1983 and a 10-percent sample thereafter]

Year	State total <sup>1/</sup>	City and Co. of Honolulu	Hawaii County	Kauai County	Maui County
1983 ...	3,396,115	2,591,635	712,380	691,940	1,644,605
1984 ...	3,721,380	2,901,320	760,940	814,590	1,854,690
1985 ...	3,708,610	2,828,640	697,380	832,580	1,831,110
1986 ...	4,256,390	3,146,030	786,930	1,014,650	2,001,870
1987 ...	4,204,010	3,078,500	782,550	1,032,840	1,908,780
1988 ...	4,264,730	3,013,850	782,360	1,043,710	1,884,050

<sup>1/</sup> Because many visitors visited more than one county, county data sum to totals greater than the State totals shown here.  
Source follows next table.

Table 189.-- AVERAGE VISITOR CENSUS, BY COUNTIES: 1983 TO 1988

[Unlike the preceding table, this table includes eastbound and north-bound visitors (all of whom have been included with the City and County of Honolulu) as well as westbound visitors. Based on a 20-percent sample for 1983 and a 10-percent sample thereafter]

Year	State total	City and Co. of Honolulu	Hawaii County	Kauai County	Maui County
1983 ...	108,045	66,695	8,690	7,990	24,670
1984 ...	118,660	67,370	7,570	10,930	32,790
1985 ...	116,700	65,280	8,040	11,470	31,910
1986 ...	132,910	73,870	9,870	14,840	34,330
1987 ...	134,270	74,660	10,210	15,510	33,890
1988 ...	141,410	80,450	10,690	16,400	33,870

Source: Hawaii Visitors Bureau, Westbound Visitors to Hawaii (annual), release dated March 1989 and records.

Table 190.-- SUMMARY CHARACTERISTICS OF WESTBOUND VISITORS TO HAWAII:  
1978 TO 1988

[Based on a 20-percent sample through 1983 and a 10-percent sample thereafter]

Year	Residence (percent) <sup>1/</sup>		Males per 1,000 females	Median age (years)	High status occupa- tions <sup>2/</sup> (percent)	Persons per party
	Pacific & Mountain States	California				
1978 .....	41.3	26.0	810	42.9	59.8	1.81
1979 .....	43.1	25.7	823	41.7	60.1	1.80
1980 .....	47.1	30.6	829	41.3	62.0	1.79
1981 .....	45.8	30.3	810	40.2	61.0	1.82
1982 .....	44.2	29.5	789	39.1	61.5	1.82
1983 .....	49.1	34.3	825	39.8	61.7	1.83
1984 .....	41.9	27.2	812	40.1	61.5	1.84
1985 .....	41.6	27.3	805	39.7	62.1	1.85
1986 .....	45.2	29.8	829	39.7	62.8	1.84
1987 .....	46.1	29.1	825	40.5	62.5	1.81
1988 .....	45.7	29.7	850	40.1	65.1	1.83

  

Year	Arriving June 1- Aug. 31 (percent)	Repeat visi- tors <sup>3/</sup> (percent)	Pleasure trip (percent)	Staying in hotel <sup>4/</sup> (percent)	Average intended stay <sup>5/</sup> (days)	Intending to visit Neighbor Islands <sup>6/</sup> (percent)
1978 .....	26.7	42.8	76.5	...	11.2	68.2
1979 .....	27.0	44.1	76.7	74.4	11.2	68.5
1980 .....	28.6	48.4	75.4	71.2	11.2	68.3
1981 .....	28.4	47.2	77.7	70.1	11.3	67.0
1982 .....	27.9	45.9	80.4	64.6	11.2	67.3
1983 .....	28.9	50.4	77.8	61.7	11.0	66.9
1984 .....	26.7	47.3	79.7	62.7	10.9	69.0
1985 .....	25.7	46.3	80.2	58.1	10.7	69.3
1986 .....	27.5	49.2	82.2	55.8	10.5	69.0
1987 .....	27.6	50.0	81.8	57.1	10.5	69.0
1988 .....	26.7	52.0	84.3	59.4	10.4	69.4

Footnotes and source on next page.

Table 190.-- SUMMARY CHARACTERISTICS OF WESTBOUND VISITORS TO HAWAII:  
1978 TO 1988 -- Con.

1/ Base includes estimated number of visitors arriving directly from Canada and usually omitted from the Hawaii Visitors Bureau Basic Data Survey.

2/ Party heads only. Calculated as the number of professional, technical, business, managerial and official workers as a percent of all party heads responding to this question.

3/ Party heads only.

4/ Excludes condominiums operating as hotels.

5/ Computed from total visitor days and total visitor arrivals for westbound visitors destined for Hawaii. These data may differ somewhat from corresponding data in the source, because of different computation procedures.

6/ Base includes passengers who did not answer this question.

Source: Hawaii Visitors Bureau, Annual Research Report for 1978-1988 and records.

Table 191.-- VISITOR INDUSTRY PROJECTIONS: 1985 TO 2010

[Series M-K projections, developed by DBED]

Year	Visitor arrivals (1,000)	Average visitor census (1,000)		Hotel employment (1,000)		Visitor and crew expenditures (millions of 1982 dollars)
		State total	Oahu only	State total	Oahu only	
1985 (est.) ..	4,884	117	65	29.0	16.1	4,210
1990 .....	6,521	152	82	34.5	17.9	6,070
1995 .....	7,746	179	89	38.1	18.7	7,324
2000 .....	8,979	206	97	41.3	19.0	8,556
2005 .....	10,159	233	105	43.7	19.0	9,680
2010 .....	11,494	264	113	46.3	19.0	10,952

Source: 1985 from Hawaii Visitors Bureau and Hawaii State Department of Labor and Industrial Relations; 1990-2010 from Hawaii State Department of Business and Economic Development, Population and Economic Projections for the State of Hawaii to 2010 (Series M-K) (November 1988), p. 18.



Table 192.-- DEMOGRAPHIC CHARACTERISTICS OF WESTBOUND VISITORS  
TO AND BEYOND HAWAII: 1987 AND 1988

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1987	1988	1987	1988
All visitors .....	3,868,880	3,903,640	335,130	361,090
Age:				
Under 10 years .....	95,290	89,410	16,040	16,540
10 to 19 years .....	271,070	261,000	25,740	32,500
20 to 29 years .....	649,370	674,170	70,510	83,950
30 to 39 years .....	768,900	810,480	59,900	61,120
40 to 49 years .....	735,610	784,930	54,180	61,510
50 to 59 years .....	544,000	532,810	39,520	41,190
60 years and over .....	573,820	534,030	35,160	34,010
Age not reported .....	230,820	216,810	34,080	30,270
Sex:				
Male .....	1,748,950	1,793,810	181,100	190,780
Female .....	2,119,930	2,109,830	154,030	170,310
Residence (census divisions):				
Pacific .....	1,506,270	1,525,560	15,000	14,270
Alaska .....	50,450	46,670	780	1,110
California .....	1,124,570	1,159,440	11,830	11,200
Oregon .....	105,860	99,910	620	580
Washington .....	225,390	219,540	1,770	1,380
Mountain .....	276,430	255,880	3,240	3,630
West North Central .....	211,560	202,140	3,000	2,400
West South Central .....	205,260	208,570	4,040	3,600
East North Central .....	431,810	420,170	6,100	6,670
East South Central .....	87,680	84,080	1,860	1,260
New England .....	143,330	145,260	3,820	2,910
Middle Atlantic .....	345,850	355,490	8,710	7,340
South Atlantic .....	314,470	311,340	9,400	8,200
U.S. territories .....	410	360	2,260	1,540
Canada .....	212,650	225,760	3,400	3,680
Other foreign .....	133,160	169,030	274,300	305,590
Residence not reported .....	-	-	-	-

Source: Hawaii Visitors Bureau, 1988 Westbound Visitors to Hawaii, pp. 10-13.

Table 193.-- TRIP CHARACTERISTICS OF WESTBOUND VISITORS  
TO AND BEYOND HAWAII: 1987 AND 1988

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1987	1988	1987	1988
All visitors .....	3,868,880	3,903,640	335,130	361,090
Purpose of trip:				
Pleasure .....	3,150,120	3,273,300	286,380	317,810
Convention/conference .....	94,140	161,800	2,230	4,950
Corporate meeting .....	(NA)	34,170	(NA)	2,210
Incentive .....	(NA)	19,590	(NA)	480
Other business .....	468,190	225,160	32,680	18,770
Visit friends & relatives ....	110,710	124,800	5,130	7,160
Government/military .....	19,360	22,110	3,670	3,090
Attend school .....	1,700	1,830	230	250
Other .....	7,730	21,860	960	2,260
No answer .....	16,930	19,020	3,850	4,110
Traveler status:				
Organized tour group .....	503,350	534,310	51,310	58,710
Individual basis .....	3,073,600	3,259,330	269,140	296,900
Incentive .....	189,230	-	5,450	-
Government/military .....	19,640	-	3,670	-
No answer .....	83,060	110,000	5,560	5,480
Intended accommodations:				
Hotel .....	2,207,300	2,312,610	266,310	299,010
Condominium .....	821,860	804,180	31,570	29,940
Hotel and condominium .....	398,270	399,350	9,960	11,570
Friend's or relative's home ..	295,830	253,250	17,750	13,990
Other accommodations .....	140,830	122,980	7,600	4,830
Not reported .....	4,790	11,270	1,940	1,750

Source: Hawaii Visitors Bureau, 1988 Westbound Visitors to Hawaii, pp. 7, 19, and 20.

Table 194.-- INTENDED LENGTH OF STAY OF WESTBOUND VISITORS  
TO AND BEYOND HAWAII: 1986 TO 1988

[Data limited to visitors staying overnight or longer]

Destination and length of stay	1986	1987	1988
VISITORS TO HAWAII			
Total .....	3,915,770	3,868,880	3,903,640
2 to 6 days .....	348,680	347,740	397,480
7 to 12 days .....	2,672,040	2,646,440	2,688,860
13 to 18 days .....	710,750	685,400	642,720
19 to 24 days .....	95,990	100,330	91,730
25 to 30 days .....	44,860	45,440	39,780
31 to 60 days .....	36,700	38,160	36,590
61 to 90 days .....	5,230	4,120	5,180
91 to 365 days .....	1,520	1,250	1,300
Median (days) .....	10.2	10.1	10.0
VISITORS BEYOND HAWAII			
Total .....	340,620	335,130	361,090
2 days .....	28,160	26,420	24,730
3 days .....	68,680	66,850	70,540
4 to 6 days .....	165,410	161,890	187,210
7 to 12 days .....	65,120	65,080	68,070
13 to 365 days .....	13,250	14,890	10,540
Median (days) .....	4.8	4.8	4.9

Source: Hawaii Visitors Bureau, 1987 Annual Research Report, p. 14,  
and 1988 Westbound Visitors to Hawaii, p. 14.

Table 195.-- CHARACTERISTICS OF WESTBOUND VISITOR PARTY  
HEADS TO AND BEYOND HAWAII: 1987 AND 1988

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1987	1988	1987	1988
All party heads .....	2,133,280	2,136,630	208,410	219,300
Occupation:				
Professional and technical ...	789,990	831,520	62,260	67,420
Business, managerial, official	522,180	545,200	59,840	62,390
Clerical, office, sales .....	194,020	184,460	16,270	18,840
Military service .....	22,550	19,780	2,940	2,170
Other employed .....	131,760	133,540	13,420	14,580
Military dependent .....	3,580	3,330	280	230
Retired .....	291,870	268,210	18,940	18,690
Student .....	93,540	81,740	22,470	24,970
Other non-employed .....	49,750	47,850	7,390	6,510
Not reported .....	34,040	21,000	4,600	3,500
Trips to Hawaii:				
First trip .....	984,100	963,890	104,500	112,780
Second trip .....	376,570	386,630	36,200	40,710
Third trip .....	189,330	193,230	14,850	16,500
Fourth trip and over .....	419,750	463,890	33,240	32,730
Not reported .....	163,530	128,990	19,620	16,580
Persons in party:				
1 person .....	761,710	719,510	121,180	122,240
2 persons .....	1,164,790	1,213,960	65,660	72,260
3 persons .....	92,370	93,990	8,570	9,670
4 persons .....	83,580	81,280	9,010	11,150
5 persons or more .....	30,830	27,890	3,990	3,980
Average size .....	1.81	1.83	1.61	1.65

Source: Hawaii Visitors Bureau, 1988 Westbound Visitors to Hawaii, pp. 9, 21, and 22, and records.

Table 196.-- FAMILY INCOME, TRIP CHARACTERISTICS, AND OPINIONS OF  
MAINLAND VISITORS TO HAWAII: 1984 TO 1987

Subject	1984	1985	1986	1987
Number of respondents in sample .....	5,779	5,350	5,023	5,177
Family income before taxes (percent) ..	100.0	100.0	100.0	100.0
Under \$15,000 .....	3.6	3.4	2.8	2.1
\$15,000 to \$24,999 .....	12.9	12.5	9.8	8.2
\$25,000 to \$34,999 .....	20.3	17.8	16.5	14.1
\$35,000 to \$49,999 .....	26.9	26.4	25.5	25.4
\$50,000 to \$74,999 .....	23.5	24.6	28.1	29.2
\$75,000 and over .....	12.8	15.4	17.3	21.0
Median income (dollars) .....	42,300	44,300	47,300	50,100
Education: college graduates (percent)	54.8	54.9	53.9	56.4
Using travel agent (percent) .....	83.6	84.8	84.4	85.1
Islands visited (percent):				
Oahu .....	75.9	77.3	72.6	70.0
Kauai .....	25.6	26.4	30.0	30.4
Maui .....	44.1	44.1	43.3	42.1
Hawaii .....	24.3	27.1	28.3	28.0
Hawaii compared with other vacation areas visited (percent) .....	100.0	100.0	100.0	100.0
Far superior .....	39.8	40.4	38.9	36.0
Above average .....	52.5	51.9	53.4	55.4
Average .....	6.3	7.0	7.1	7.7
Below average .....	0.9	0.6	0.5	0.8
Quite inferior .....	0.5	(Z)	0.1	0.2

Z Less than 0.05 percent.

Source: Hawaii Visitors Bureau, Visitor Reaction Survey, 1984-1987  
(1989), and unpublished data.

Table 197.-- CHARACTERISTICS OF JAPANESE VISITORS TO HAWAII:  
1987 AND 1988

[Based on surveys of Japanese overnight and longer visitors interviewed at Honolulu International Airport while awaiting departure, during four widely spaced periods during each year. Because of methodological problems, the findings appear to be only approximately correct, and direct comparability of the 1987 and 1988 data is questionable]

Characteristic	1987	1988
Sample size .....	1,776	1,623
Average age (years) .....	34.0	30.6
Female (percent) .....	55.7	39.8
Honeymooners (percent) .....	30.6	50.3
Attended college (percent) .....	54.2	51.6
Median household income (million yen) .....	5.3	4.8
Average party size .....	2.5	2.5
Repeat visitors (percent) .....	32.1	22.6
Organized tour group/package (percent) .....	70.3	90.0
Islands visited, including day trips (percent):		
Oahu .....	94.8	97.8
Molokai .....	1.4	0.8
Maui .....	26.7	21.7
Big Island .....	11.2	6.7
Kauai .....	18.4	11.8
Length of stay (days):		
Median .....	4.7	4.9
Average .....	5.8	6.0
Expenditures, excluding transpacific fare (dollars):		
Per person per day .....	367	586
Per party during entire trip .....	3,943	6,074

Source: Hawaii Visitors Bureau, Study of Japanese Visitors to Hawaii 1987 (March 1988) and Study of Japanese Visitors to Hawaii 1988 (April 1989), as corrected.

Table 198.-- MEETINGS AND CONVENTIONS: 1983 TO 1988

Year	No. of meetings held	Estimated attendance	Estimated guest rooms	Estimated revenue (\$1,000)
1983 .....	420	211,764	(NA)	156,396
1984 .....	623	255,152	91,605	218,247
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

NA Not available.

Source: Hawaii Visitors Bureau, Meetings and Conventions Department.

Table 199.-- MEETINGS AND CONVENTIONS, BY ISLANDS: 1987 AND 1988

Island	Number of meetings held		Estimated attendance	
	1987	1988	1987	1988
State total .....	903	886	317,101	301,654
Hawaii:				
Hilo .....	15	22	4,446	2,654
Kona .....	91	61	22,646	13,847
Maui .....	248	192	48,356	58,256
Molokai .....	7	4	643	492
Oahu .....	485	507	227,304	197,040
Kauai .....	57	100	13,706	29,365

Source: Hawaii Visitors Bureau, Meetings and Conventions Department.

Table 200.-- RANKING AS A VACATION DESTINATION, BY MEASURE OF ATTRACTIVENESS: 1985

[Rank of Hawaii among 107 major vacation destinations in the U.S., based on the most recent available data]

Measure of attractiveness	Rank	Measure of attractiveness	Rank
Overall rank .....	3	Basic necessities .....	36
Blessings of nature .....	5	Discovering our heritage ....	20
Outdoor fun .....	3	Feeding mind and spirit .....	24
		Entertainment for all .....	55

Source: Sylvia McNair, Rand McNally Vacation Places Rated (Rand McNally and Company, 1986), p. 195.

Table 201.-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1931-1932 TO 1988

[Dollars]

Year	Main-landers	Japanese	Year	Main-landers	Japanese
1931-32 <u>1/</u> ....	17.50	(NA)	1980 .....	71.24	185.00
1951 .....	28.00	(NA)	1983 .....	85.88	227.32
1960-61 .....	32.00	(NA)	1986 .....	95.40	358.90
1965-66 <u>1/</u> ....	37.23	(NA)	1987 .....	102.49	366.63
1974 .....	46.20	123.00	1988 <u>2/</u> .....	118.66	586.00
1977 .....	54.62	146.85			

NA Not available.

1/ Oahu only.

2/ Several authorities have questioned the accuracy of the Japanese average reported here.

Source: Hawaii Visitors Bureau, 1983 Visitor Expenditure Survey (1985), p. 31; Study of Japanese Visitors to Hawaii 1987 (March 1988), p. 28; 1988 Visitor Expenditure Survey (1989), p. 36; Study of Japanese Visitors to Hawaii 1988 (April 1989), p. 26; and unpublished 1986 Japanese estimate.



Table 202.-- EXPENDITURES PER VISITOR DAY BY WESTBOUND VISITORS,  
BY EXPENDITURE TYPE: 1987 AND 1988

[In dollars. Excludes transpacific travel costs]

Expenditure type	1987	1988		
		State-wide	On Oahu	On the Neighbor Islands
All items .....	102.49	118.66	113.58	159.45
Food and beverage .....	22.51	25.56	25.14	30.92
Restaurants .....	15.92	17.93	16.92	24.04
Dinner shows .....	2.39	2.91	3.78	1.50
Nightclubs .....	1.80	2.00	2.09	1.99
Groceries .....	2.40	2.72	2.35	3.39
Entertainment .....	7.00	8.72	7.99	12.08
Attractions .....	5.83	6.96	6.71	9.46
Other entertainment.....	1.17	1.76	1.28	2.62
Transportation .....	11.28	13.36	9.43	32.12
Ground transportation .....	0.80	0.96	1.05	1.00
U-drive cars.....	3.14	4.02	2.95	8.34
Interisland travel .....	4.48	5.38	1.82	20.50
Sightseeing tours .....	2.86	3.00	3.61	2.28
Clothing .....	8.28	8.90	9.94	7.07
Gifts and souvenirs .....	8.62	9.70	10.36	8.96
Lodging .....	38.47	45.39	43.62	60.93
All other .....	4.03	4.85	4.90	4.94
Adjustment <u>1/</u> .....	2.30	2.18	2.20	2.43

1/ Estimated amount of underreporting for listed categories.

Source: Hawaii Visitors Bureau, 1988 Visitor Expenditure Survey (1989), pp. 11 and 12.

Table 203.-- EXPENDITURES PER VISITOR DAY BY WESTBOUND VISITORS, BY VISITOR OR TRIP CHARACTERISTICS: 1988

Visitor or trip characteristics	Dollars	Visitor or trip characteristics	Dollars
All westbound visitors	118.66	Previous visits:	
Group tour:		First trip .....	126.23
Organized tour group .....	126.01	Repeat visitors .....	109.79
Individually arranged ....	116.59	Party size:	
Accommodations:		1 person .....	164.24
Hotel only .....	119.11	2 persons .....	113.01
Condo only .....	108.81	3 persons .....	105.46
Guests of friends, relatives .....	*57.88	4 persons or more .....	92.98
Hotel/condo combination ..	123.83	Purpose of trip:	
Length of stay:		Pleasure .....	118.99
1 to 6 days .....	124.81	Business .....	125.76
7 to 12 days .....	118.12	Other .....	94.45
13 to 18 days .....	120.83	Time of year:	
19 days or longer .....	107.23	First quarter .....	119.55
Residence: 1/		Second quarter .....	111.37
Pacific .....	111.33	Third quarter .....	119.54
Mountain .....	103.52	Fourth quarter .....	123.95
W.N. Central .....	103.24	Arrived on package tour:	
W.S. Central .....	117.94	Yes .....	120.19
E.N. Central .....	122.46	No .....	115.51
E.S. Central .....	135.43	Children in party:	
New England .....	137.63	Yes .....	90.49
Mid Atlantic .....	128.88	No .....	120.61
S. Atlantic .....	122.36		

\* Sample under 25; subject to considerable sampling variation.

1/ Census divisions; see source, p. 29.

Source: Hawaii Visitors Bureau, 1988 Visitor Expenditure Survey (1989), pp. 11-25.

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.-- JAPANESE VISITOR ARRIVALS AND EXPENDITURES: 1983 TO 1988

[Revised from Data Book 1988, table 218, and not directly comparable to the earlier estimates shown there]

Subject	1983	1984	1985	1986	1987	1988
Arrivals (1,000) .....	572	639	709	731	905	1,217
Average stay (days) .....	5	5	5	5	5	6
Expenditures <u>1/</u> (mil. dol.) ..	656	749	855	1,312	1,658	4,278

1/ Approximate figures based on limited information. The 1988 estimate is preliminary and subject to significant revision.

Source: Hawaii Visitors Bureau, unpublished estimates, Dec. 14, 1989.

Table 206.-- ESTIMATED EXPENDITURES BY VISITORS TO HAWAII, BY COUNTIES: 1970 TO 1988

[Millions of dollars. Interisland air fares have been distributed on a prorata basis. Expenditures by eastbound visitors have been included with the City and County of Honolulu. Excludes expenditures by Hawaii residents]

Year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
1970 .....	595	442	153.0	53.4	45.1	54.5
1971 .....	705	507	198.0	67.7	56.1	74.2
1972 .....	840	609	231.0	77.0	61.9	92.1
1973 .....	1,020	777	243.0	81.9	63.2	97.9
1974 .....	1,225	928	297.5	99.3	73.9	124.3
1975 .....	1,360	1,004	355.9	114.6	87.2	154.1
1976 .....	1,640	1,213	427.2	126.8	101.8	198.6
1977 .....	1,845	1,377	468.5	131.2	109.9	227.4
1978 .....	2,146	1,569	577.0	152.9	137.9	286.9
1979 .....	2,537	1,867	669.8	162.0	159.1	348.7
1980 .....	2,875	2,097	777.5	187.6	189.3	400.6
1981 .....	3,200	2,394	805.9	179.2	197.3	429.4
1982 .....	3,700	2,748	951.8	200.9	210.6	540.3
1983 .....	3,974	2,653	1,320.9	277.2	250.8	792.9
1984 .....	4,582	2,895	1,686.6	248.9	359.4	1,078.3
1985 .....	4,884	3,084	1,799.5	285.9	407.9	1,105.7
1986 .....	5,500	3,444	2,056.2	343.8	516.9	1,195.5
1987 1/ ...	6,600	4,370	2,229.6	381.8	580.1	1,267.7
1988 <u>I</u> / ...	9,200	6,553	2,647.3	464.2	712.1	1,471.0

1/ Preliminary estimate.

Source: Hawaii Visitors Bureau, "Neighbor Island Statistics," tabular release dated May 1989.

Table 207.-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:  
1970 TO 1987

[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 .....	5,458.0	4,900	16.0	542.0
1986 .....	6,110.0	5,550	18.0	542.0
1987 .....	7,250.0	6,600	20.0	630.0

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 1981-1987 estimates based on the DBED Input-Output Model.

Table 208.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 1970 TO 1987

Year	Visitor-related expenditures <sup>1/</sup> (million dollars)	Total sales or output <sup>2/</sup> (million dollars)	Household income (million dollars)	State and county tax revenues (million dollars)	Jobs <sup>2/</sup> (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 ....	5,458.0	9,210.9	3,390.2	578.8	186.5
1986 ....	6,110.0	10,263.7	3,782.5	657.2	196.3
1987 ....	7,250.0	12,028.3	4,455.2	<sup>3/</sup> 831.0	213.3

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

<sup>2/</sup> Direct, indirect, and induced.

<sup>3/</sup> 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 1970-1987 estimates based on the DBED Input-Output Model.

Table 209.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES,  
BY INDUSTRY: 1987

Year and industry	Direct visitor- related expend- itures <sup>1/</sup> (million dollars)	Total sales or out- put <sup>2/</sup> (million dollars)	Total house- hold income (million dollars)	Jobs (1,000)	
				Total <sup>3/</sup>	Direct only
All industries .....	7,250.0	12,028.3	4,455.2	213.3	118.5
Agriculture .....	39.3	86.8	38.5	0.6	0.3
Textile and apparel mfg. ....	67.3	119.2	41.1	3.2	1.9
Other manufacturing .....	199.7	391.4	103.8	6.2	2.0
Air transportation .....	537.3	945.6	306.3	14.8	6.6
Other transportation .....	207.9	428.3	164.3	3.9	2.0
Wholesale trade <sup>4/</sup> .....	173.9	366.9	158.2	7.4	3.6
Eating and drinking places ...	1,287.3	2,510.2	759.5	48.9	28.5
Other retail trade <sup>4/</sup> .....	687.7	1,478.5	687.7	38.8	25.4
Hotel services and real estate	2,088.0	4,656.3	1,774.8	63.7	33.0
Other services .....	507.3	1,045.1	421.1	25.7	15.3
Imports .....	1,454.3	-	-	-	-

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

<sup>2/</sup> Direct, indirect, and induced sales.

<sup>3/</sup> Direct, indirect and induced jobs.

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

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

Table 210.-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES:  
1968 TO 1988

Year	Implicit price deflator 1/ (1982=100)	Average daily room rate 2/ (dollars)	1-way air fares (dollars)		Honolulu consumer price index 5/ (1982-84=100)		
			San Francisco-Honolulu 3/	Honolulu-Kahului 4/	Eating out	Apparel, upkeep	All items
1968 ..	38.7	23.85	110.03	13.65	33.2	50.7	37.7
1969 ..	40.7	23.98	110.03	15.75	35.6	53.4	39.4
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

1/ For visitor and crew expenditures. From DBED, Hawaii Gross State Product Accounts: 1958-1988 (1988), table 1-5 and underlying data. Indexes for 1986-1988 are preliminary.

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 air fare chronology published in DPED, Statistical Report 103, and Data Book, 1979-1988.

4/ Regular fare, including taxes, as of July 1, by Hawaiian Airlines. From chronology published in DPED, Statistical Report 103, and Data Book, 1979-1988.

5/ Honolulu CPI for all urban consumers, from U.S. Bureau of Labor Statistics computer tape tabulated by DBED.

Source: See above footnotes.



Table 211.-- HAWAII VISITORS BUREAU INCOME AND EXPENDITURES: 1983 TO 1988

[In dollars. Years ended June 30]

Year	Income				Expenditures
	Total	State appropriations <u>1/</u>	Private subscriptions	Other <u>2/</u>	
1983 .....	4,484,734	3,216,000	966,146	302,588	4,485,156
1984 .....	4,384,978	2,706,732	1,108,374	569,872	4,384,264
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

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 212.-- MEDIA ADVERTISING EXPENDITURES FOR HAWAII TOURISM:  
1985 AND 1986

[\$1,000]

Year	All media	Newspaper	Magazine	Television	Radio	Outdoor
1985 .....	2,187	203	1,846	85	53	-
1986 .....	1,641	10	924	872	48	1

Source: Trends in Travel and Tourism Advertising Expenditures in United States Measured Media 1982-1986, A Special Report for Ogilvy & Mather, July 1987, as cited in Hawaii State Department of Business and Economic Development, Tourism Branch, A Report on Tourism Destinations Competing with Hawaii, by Arthur Young, January 1989, Appendix.

Table 213.-- CHARACTERISTICS OF RESIDENTS RETURNING FROM THE MAINLAND: 1983 TO 1988

Year	Number returning	Oahu residents <u>1/</u> (percent)	Median age (years)	Males per 100 females	Persons per party
1983 .....	236,725	84.7	36.5	102.2	1.45
1984 .....	333,640	82.8	38.2	100.4	1.43
1985 .....	403,450	82.1	39.2	100.5	1.43
1986 .....	411,440	79.9	39.7	98.8	1.45
1987 .....	398,580	79.6	41.7	96.4	1.45
1988 .....	521,000	80.2	40.0	96.5	1.46
	Party heads with high-status occupations <u>2/</u> as percent of--		Days absent		
Year	All party heads	Employed civilian party heads	Median	Mean	Average number absent <u>3/</u>
1983 .....	51.3	78.4	12.8	17.2	11,200
1984 .....	53.6	80.1	12.5	16.1	14,700
1985 .....	56.2	82.0	12.2	15.3	16,900
1986 .....	55.2	80.6	11.0	14.0	15,735
1987 .....	56.2	81.7	10.7	13.1	14,036
1988 .....	53.9	78.5	10.8	13.2	18,886

1/ Data for Oahu include persons specifying military bases rather than island of residence.

2/ Party heads reporting professional, technical, business, managerial, and official occupations.

3/ For persons absent 1 to 365 days.

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; and records.

Table 214.-- NUMBER OF WESTBOUND RETURNING RESIDENTS AND AVERAGE ABSENCE-DAYS, BY PORT OF DEPARTURE: 1988

Port of departure	Number returning	Reporting absence of 1-90 days <u>1/</u>	
		Persons	Average absence (days)
All returning residents	521,000	517,351	13.2
Los Angeles .....	131,497	130,365	13.7
San Francisco .....	120,773	119,783	12.8
Other/Los Angeles <u>2/</u> .....	61,284	60,820	11.9
New York/Los Angeles .....	42,956	42,753	15.2
Las Vegas .....	33,894	33,833	4.6
Chicago .....	27,910	27,757	14.6
Seattle .....	23,176	23,069	14.7
Dallas .....	12,638	12,624	13.8
Other .....	66,872	66,347	15.9

1/ Excludes over 90 days or not reported.

2/ Includes other connecting flights through Los Angeles to Hawaii.

Source: Hawaii State Department of Business and Economic Development, special tabulation from Hawaii Visitors Bureau data.

Table 215.-- PASSPORTS ISSUED BY HONOLULU OFFICE: 1978 TO 1988

Year	Number	Year	Number	Year	Number
1978 .....	28,533	1982 .....	41,906	1986 .....	43,731
1979 .....	28,974	1983 .....	41,446	1987 .....	47,979
1980 .....	31,928	1984 .....	52,250	1988 <u>1/</u> ...	43,875
1981 .....	34,191	1985 .....	56,140		

1/ Includes some passports issued in California.

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

Table 216.-- INTERISLAND, MAINLAND, AND FOREIGN ROUND TRIPS BY ADULT OAHU RESIDENTS DURING THE PAST 12 MONTHS: 1988 AND 1989

[Percent distributions]

Number of trips	1988 <u>1/</u>	1989 <u>2/</u>
INTERISLAND TRIPS		
All adult residents .....	100	100
None .....	48	43
1 or 2 .....	31	30
3 to 5 .....	12	18
6 to 10 .....	6	5
11 or more .....	3	4
Average number of trips .....	2.5	2.2
MAINLAND ROUND TRIPS		
All adult residents .....	100	100
None .....	46	49
1 .....	29	27
2 to 5 .....	21	20
6 or more .....	4	4
Average number of trips .....	1.2	1.2
FOREIGN ROUND TRIPS		
All adult residents .....	100	100
None .....	82	82
1 .....	12	13
2 or more .....	6	5
Average number of trips .....	0.3	0.3

1/ Based on a telephone survey of 400 adult residents of Oahu, May 17-19, 1988.

2/ Based on a telephone survey of 401 adult residents of Oahu, July 22-29, 1989.

Source: Omnitrak Research and Marketing Group, Inc., survey cited in Honolulu Star-Bulletin, September 5, 1989 (p. C-1), September 12, 1989 (p. C-1), and September 19, 1989 (p. C-1).

Table 217.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:  
1986 TO 1988

[Calendar year data unless otherwise specified. Some 1986 and 1987  
data have been revised]

Island and cultural attraction	1986	1987	1988
State total .....	15,881,948	18,793,232	21,944,703
Oahu .....	12,630,279	13,078,879	13,541,445
Bernice P. Bishop Museum <u>1/</u> .....	278,083	246,113	362,906
Contemporary Arts Center <u>2/</u> .....	25,500	26,700	32,100
Damien Museum and Archives .....	10,618	8,814	11,026
Dole Cannery tours .....	154,964	160,000	350,000
Foster Botanic Garden .....	61,015	59,352	57,532
Fred Ohrt Museum .....	3,593	5,221	3,334
Harold L. Lyon Arboretum <u>1/</u> .....	(NA)	(NA)	11,795
Hawaii Maritime Center <u>3/</u> .....	105,000	100,000	1,952
Hawaii Nature Center .....	13,479	14,681	23,142
Honolulu Academy of Arts <u>4/</u> .....	280,842	258,789	230,736
Honolulu Zoo .....	801,418	758,485	875,825
Hoomaluhia Park .....	52,868	55,265	59,323
Iolani Palace State Monument <u>1/</u> .....	72,000	76,000	72,000
Mission Houses Museum <u>5/</u> .....	26,573	27,035	26,746
Moanalua Gardens Foundation <u>6/</u> .....	8,243	11,116	10,318
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center) .....	216,995	239,698	232,767
National Memorial Cemetery of the Pacific	5,122,003	5,343,973	5,623,916
Pacific Submarine Museum <u>7/</u> .....	40,000	20,000	-
Paradise Cove Luau Park .....	239,767	307,603	298,198
Paradise Park .....	225,153	258,208	215,677
Polynesian Cultural Center .....	870,000	1,001,708	991,500
Puu o Mahuka Heiau State Monument <u>1/</u> ....	11,000	9,000	7,000
Queen Emma Summer Palace .....	26,298	18,209	23,793
Royal Mausoleum State Monument <u>1/</u> .....	76,000	77,000	74,000
Sea Life Park .....	684,530	758,978	739,041
Senator Fong's Plantation and Gardens <u>8/</u>	-	-	32,578
Tropic Lightning Museum .....	9,100	7,000	4,500
Ulu Po Heiau State Monument <u>1/</u> .....	5,000	4,000	2,000
U.S. Army Museum, Ft. DeRussy .....	109,711	91,341	108,123
U.S.S. Arizona Memorial .....	1,809,080	1,845,557	1,778,347
Visiting either Memorial or Visitor Center .....	1,435,885	1,522,635	1,462,395
Aboard non-landing tour boats .....	373,195	322,922	315,952
U.S.S. Bowfin WWII Submarine Exhibit <u>9/</u> .	284,202	206,610	245,742
University of Hawaii Art Gallery .....	50,000	50,000	50,000
Wahiawa Botanic Garden .....	17,696	17,369	17,400
Waikiki Aquarium <u>10/</u> .....	330,071	332,219	301,232

Continued on next page.

Table 217.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:  
1986 TO 1988 -- Con.

Island and cultural attraction	1986	1987	1988
Oahu - con.:			
Waimea Falls Park .....	601,477	672,835	654,896
Waipahu Cultural Garden Park .....	8,000	10,000	12,000
Hawaii .....	1,837,180	4,286,157	6,908,749
Hawaii Tropical Botanical Gardens .....	32,000	34,000	33,051
Greenwell Store Museum .....	5,000	5,100	5,000
Hulihee Palace .....	21,350	24,635	25,470
Jagger Museum <u>11/</u> .....	-	1,373,000	1,900,000
Kamuela Museum .....	16,000	(NA)	(NA)
Kealahou Bay State Historical Park <u>1/</u> .	36,000	57,000	62,000
Kilauea Visitor Center .....	1,055,000	1,310,000	1,800,000
Lapakahi State Historical Park <u>1/</u> .....	71,000	65,000	69,000
Lyman House Memorial Museum <u>11/</u> .....	20,199	15,252	16,414
Panaewa Rainforest Zoo .....	53,212	67,170	69,814
Parker Ranch Historic Homes <u>12/</u> .....	-	-	(NA)
Parker Ranch Visitor Center .....	27,419	23,000	28,000
Volcano Art Center .....	500,000	750,000	1,500,000
Wahaula Visitor Center .....	(NA)	562,000	1,400,000
Maui .....	897,085	928,461	988,207
Alexander & Baldwin Sugar Museum <u>13/</u> ....	-	5,406	24,517
Halekii-Pihana Heiaus State Monument <u>1/</u> .	50,000	22,000	38,000
Hale Waiawai O Hana .....	8,587	9,938	8,266
Kula Gardens .....	22,540	18,150	19,750
Lahaina Restoration Foundation .....	167,724	179,878	174,827
Baldwin Missionary Home Museum .....	43,454	47,400	46,302
Brig Carthaginian <u>14/</u> .....	76,835	78,278	52,185
Hale Pa'ahao (Old Lahaina Prison) <u>15/</u> .	-	-	17,650
Hale Pa'i .....	7,615	6,500	6,200
Kalaupapa Lighthouse Exhibit <u>16/</u> .....	-	11,500	19,910
Wo Hing Temple .....	39,820	36,200	32,580
Maui Historical Society Museum .....	18,234	18,306	17,682
Maui Tropical Plantation .....	550,000	451,000	455,000
Maui Zoological & Botanical Gardens .....	80,000	80,000	67,000
Whalers Village Museum <u>17/</u> .....	(NA)	143,783	183,165
Kauai .....	502,638	486,528	487,593
Coco Palms Zoo .....	6,142	6,142	6,142
Grove Farm Homestead .....	4,901	4,379	4,408
Hanalei Museum .....	6,500	6,500	6,500
Haraguchi Rice Mill Museum <u>18/</u> .....	-	-	350
Kauai Museum <u>19/</u> .....	25,345	28,748	29,268
Kokee Natural History Museum .....	83,485	83,979	95,213
Olu Pua Gardens .....	6,696	(NA)	(NA)

Continued on next page.

Table 217.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:  
1986 TO 1988 -- Con.

Island and cultural attraction	1986	1987	1988
Kauai - con.:			
Pacific Tropical Botanical Garden .....	6,899	10,500	12,000
Russian Fort Elizabeth State Historical Park 20/ .....	359,000	343,000	331,000
Waioli Mission House .....	3,670	3,280	2,712
Molokai .....	14,766	13,207	18,709
Kalaupapa Settlement .....	6,737	8,395	7,900
Molokai Ranch Wildlife Park 21/ .....	8,029	4,812	5,919
R. W. Meyer Sugar Mill 22/ .....	-	-	4,890

NA Not available.

1/ Years ended June 30.

2/ Includes both the Makiki Heights facility opened in October 1988 (5,000 between October 22 and December 31, 1988) and the Honolulu Advertiser Gallery (27,100 for entire year).

3/ Closed for renovation during first 11 months of 1988.

4/ Includes Academy Theatre (85,697 in 1986, 82,135 in 1987, and 56,151 in 1988).

5/ Total admissions for calendar years. Before 1986, data referred to years ended September 30, and were limited to paid admissions.

6/ Includes regular admissions (1,382 in 1986, 1,024 in 1987, NA in 1988) and school program (6,861 in 1985-86, 10,092 in 1986-87, and 10,318 in 1987-88).

7/ Closed at end of May 1987.

8/ Opened April 11, 1988.

9/ Closed March 2-April 6, 1987 and April 23-June 19, 1987.

10/ Includes both adult (210,433 in 1988) and child (90,799) attendance. Closed several months during 1988 for renovation.

11/ Opened January 13, 1987.

12/ Officially opened December 1, 1988.

13/ Opened July 15, 1987.

14/ Closed September 1, 1988 to April 1, 1989 for repairs.

15/ Opened in April 1988.

16/ Opened April 1987.

17/ Opened in mid-1986.

18/ To open officially in 1989.

19/ Years ended December 31, 1986 and 1988 and September 30, 1987.

20/ Years ended June 30. Attendance estimates reflect heavy use of restrooms by tour bus passengers.

21/ Closed part of 1987 for maintenance.

22/ Opened to general public December 5, 1988.

Source: Hawaii State Department of Business and Economic Development, Attendance at Cultural Attractions During 1988 (Statistical Report 212, July 1989), table 2.

Table 218.-- HONOLULU SYMPHONY ORCHESTRA: 1978-1979 TO 1988-1989

Season	Average number of orchestra personnel	Number of performances	Total attendance	Operating expenses (dollars)
1978-1979 .....	75	118	192,413	2,398,020
1979-1980 .....	75	122	186,135	2,189,172
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

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

Table 219.-- PERFORMING ARTS STATISTICAL SUMMARY, FOR OAHU:  
 1977-1978 TO 1987-1988 SEASONS

Season	Number of groups reporting	Productions	Performances	Attendance
1977-1978 .....	12	254	1,513	850,802
1978-1979 .....	12	219	1,024	766,018
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

Source: DBED mail and telephone surveys.



Table 220.-- PERFORMING ARTS, FOR OAHU: 1987-1988 SEASON

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups .....	385	1,610	1,248,828
Brigham Young University - Hawaii Campus ....	5	18	4,000
Chaminade University of Honolulu .....	2	9	600
Hawaii Loa College .....	4	4	280
Honolulu Community Theatre .....	8	125	47,702
Honolulu Department of Auditoriums, total ...	129	274	658,899
Ballets .....	1	6	11,099
Concerts .....	90	170	377,290
Operas .....	3	9	16,313
Rock shows .....	12	15	87,462
Other dramatic and musical productions ....	23	74	166,735
Honolulu Theatre for Youth .....	7	324	144,592
Leeward Community College .....	65	239	106,310
Manoa Valley Theatre (formerly HPAC) .....	6	128	18,684
The Starving Artists' Theatre Company .....	10	172	32,800
Adults .....	6	52	2,800
Children .....	4	120	30,000
U.S. Army Support Command, total .....	125	184	193,372
Army Community Theatre's musicals .....	4	28	10,331
DOD/USO touring shows .....	15	46	16,808
Showmobile activities .....	36	36	114,212
Soldier bands and jam sessions .....	67	67	16,021
Special events .....	3	7	36,000
University of Hawaii at Manoa .....	20	110	39,917
Windward Theater Guild .....	4	23	1,672

Source: DBED mail and telephone survey.

Table 221.-- RECREATIONAL FACILITIES AND RESOURCES, BY COUNTIES: 1985

Recreation area/facility	State total	Kauai	Honolulu	Maui	Hawaii
<b>Recreation area:</b>					
Total acreage .....	1,572,891	137,192	59,400	249,656	1,126,643
Unimproved acreage .....	1,563,753	136,274	53,527	248,898	1,125,055
Improved acreage .....	9,138	918	5,873	758	1,588
Passive .....	3,334	275	2,057	254	747
Active .....	5,033	611	3,259	437	726
Service .....	772	32	558	67	115
<b>Aquatic:</b>					
Boat launch lanes .....	79	10	37	10	22
Boat moorages .....	2,750	95	2,053	254	348
Swimming pools .....	77	6	58	6	7
Beach acreage .....	490	101	306	49	34
Beach length (miles) ....	56	11	34	6	5
Wild shoreline (miles) ..	39	1	1	2	35
<b>Nonstructured/land based:</b>					
Camping sites .....	2,065	339	499	403	824
Public hunting (acres) ..	1,282,458	102,517	26,032	192,804	961,105
<b>Court, courses fields, and playgrounds:</b>					
Golf courses (holes) ....	1,038	144	441	219	234
Tennis courts .....	638	100	360	75	103
Sport fields .....	453	51	324	46	32
Sport courts .....	683	38	551	43	51
<b>Trails:</b>					
Hiking/equestrian (miles)	1,112	206	78	167	661
Bikeways (miles) .....	66	1	38	27	0

Source: Hawaii State Department of Land and Natural Resources, State Recreation Functional Plan Technical Reference Document and State Comprehensive Outdoor Recreation Plan (SCORP) (December 1985), p. 27.

Table 222.-- NATIONAL PARKS: 1978 TO 1988

Year and area	Acreage, Dec. 31 <sup>1/</sup>			Visits <sup>2/</sup>
	Total	Federal	Non-federal	
1978 .....	236,574	235,208	1,366	3,572,504
1979 .....	236,574	235,208	1,366	3,384,343
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
AREAS: 1988				
Hawaii Volcanoes National Park ...	207,643	207,643	-	1,933,566
Haleakala National Park .....	27,350	27,350	-	1,344,220
Puuhonua o Honaunau National Historical Park .....	181	181	-	392,537
Kaloko-Honokohau National Historical Park .....	1,161	381	780	12,462
Puukohola Heiau National Historic Site .....	100	34	66	53,248
U.S.S. Arizona Memorial <sup>4/</sup> .....	12	12	-	1,462,395
Kalaupapa National Historical Park	10,902	23	10,879	(NA)

NA Not available.

<sup>1/</sup> Data exclude the Oloa 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.

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

<sup>3/</sup> Not yet open to the public.

<sup>4/</sup> 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 223.-- STATE PARKS AND HISTORIC SITES: 1979 TO 1989

Year and island	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
1979 .....	65	20,625	880.0	17,911
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
ISLANDS: 1988				
Hawaii .....	19	1,379.4	281.6	5,088
Maui .....	12	320.6	55.8	2,428
Molokai .....	1	233.7	10.0	188
Oahu .....	33	9,131.0	394.5	4,007
Kauai .....	11	13,787.8	143.0	6,777
ISLANDS: 1989				
Hawaii .....	20	1,382.5	281.6	4,134
Maui .....	12	341.4	56.0	2,489
Molokai .....	1	233.7	10.0	43
Oahu .....	33	9,131.0	397.0	3,404
Kauai .....	11	13,788.0	143.0	7,200

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

Table 224.-- MAJOR STATE PARKS: 1988 AND 1989

[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	
1988			
Wailua River State Park <sup>1/</sup> .....	1,125.9	50.4	2,599
Hapuna Beach State Recreation Area ...	68.8	20.7	1,246
Nuuanu Pali State Wayside .....	3.0	3.0	1,008
Kokee State Park .....	4,345.0	55.0	935
Waimea Canyon State Park .....	1,866.4	10.0	912
Wailuku River State Park .....	16.3	3.5	849
Na Pali Coast State Park .....	6,175.0	4.0	90
Kahana Valley State Park .....	5,220.3	20.0	18
Sacred Falls State Park .....	1,374.2	10.0	17
1989			
Wailua River State Park <sup>1/</sup> .....	1,125.9	50.4	3,248
Waimea Canyon State Park .....	1,866.4	10.0	1,257
Hapuna Beach State Recreation Area ...	68.8	20.7	1,032
Haena State Park .....	65.7	2.0	937
Kokee State Park .....	4,345.0	55.0	916
Wailuku River State Park .....	16.3	3.5	721
Na Pali Coast State Park .....	6,175.0	4.0	92
Kahana Valley State Park .....	5,220.3	20.0	28
Sacred Falls State Park .....	1,374.2	10.0	15

<sup>1/</sup> Seven separate areas in both 1988 and 1989.

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

Table 225.-- NATIONAL AND STATE HISTORIC SITES, BY ISLANDS: 1985

Island	Total sites <u>1/</u>	Listed Hawaii Register only	Listed and recommended for National Register <u>2/</u>	Listed National Register only	Listed both Hawaii and National Register	Eligible for Nat'l Register <u>3/</u>
State total	376	90	40	92	119	37
Hawaii .....	87	36	2	18	23	9
Kauai .....	45	12	4	5	19	5
Kahoolawe .	1	-	-	1	-	-
Lanai .....	1	-	-	1	-	-
Maui .....	34	19	1	5	8	1
Molokai ...	55	14	14	2	24	2
Oahu .....	153	9	19	60	45	20

1/ Total sites listed in the source, as adjusted for appearance of some sites on more than one list.

2/ Sites placed on the Hawaii Register of Historic Places by the Historic Places Review Board but not yet approved by either the State Historical Preservation Officer or the National Historical Places Review Board.

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

Source: Hawaii State Department of Land and Natural Resources, State Parks, Outdoor Recreation, and Historic Sites Division, Hawaii Historic Places Review Board, Hawai'i/National Registers of Historic Places (February 1985).

Table 226.-- COUNTY PARKS, BY ISLANDS: 1983 TO 1988

[As of December 31]

Subject	1983	1984	1985	1986	1987	1988
Number, total .....	547	551	551	560	561	569
Hawaii .....	135	135	134	141	141	142
Maui .....	79	80	80	82	83	85
Lanai .....	3	3	3	3	3	4
Molokai .....	10	11	11	11	12	13
Oahu .....	264	266	266	266	265	266
Kauai .....	56	56	57	57	57	59
Acreage, total ....	8,238	8,248	8,222	8,227	8,324	8,336
Hawaii .....	1,460	1,463	1,434	1,424	1,428	1,430
Maui .....	899	899	899	905	917	926
Lanai .....	7	7	7	7	7	15
Molokai .....	51	54	54	54	58	73
Oahu .....	5,238	5,242	5,242	5,251	5,328	5,356
Kauai .....	583	583	586	586	586	536

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

Table 227.-- ZOOS: 1986 TO 1988

Subject and zoo	1986	1987	1988
Species: 1/			
Coco Palms (Kauai) .....	8	16	16
Honolulu Zoo .....	289	223	222
Maui Zoological & Botanical Gardens .	38	56	33
Molokai Ranch Wildlife Park .....	7	8	10
Panaewa Rainforest Zoo (Hilo) .....	53	54	53
Individuals: 1/			
Coco Palms (Kauai) .....	68	57	55
Honolulu Zoo .....	1,037	852	877
Maui Zoological & Botanical Gardens .	147	163	157
Molokai Ranch Wildlife Park .....	855	933	806
Panaewa Rainforest Zoo (Hilo) .....	160	171	175
Attendance:			
Coco Palms (Kauai) .....	6,142	6,142	6,142
Honolulu Zoo .....	801,418	758,485	875,825
Maui Zoological & Botanical Gardens .	80,000	80,000	67,000
Molokai Ranch Wildlife Park 2/ .....	8,029	4,812	5,919
Panaewa Rainforest Zoo (Hilo) .....	53,212	67,170	69,814

1/ Animal and bird inventory, December 31.

2/ Decline in 1987 due to closing the park for maintenance and repairs.

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



Table 228.-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR  
THE CITY AND COUNTY OF HONOLULU: 1989

[Year ended June 30]

Beach park	Attend- ance <u>1/</u>	Rescues	First aid		Drown- ings	Surfing acci- dents
			Minor	Major		
All parks ....	21,053,434	705	46,573	724	6	290
Ala Moana .....	2,351,476	51	4,533	68	1	26
Waikiki .....	11,299,007	147	17,145	283	1	112
Hanauma .....	2,856,665	141	17,674	92	2	1
Sandy .....	451,332	74	930	76	-	52
Makapuu .....	250,336	74	732	16	-	11
Bellows .....	91,648	2	768	5	-	0
Kailua .....	333,631	4	681	8	-	1
Kualoa .....	54,288	2	190	2	-	0
Sunset .....	338,060	26	83	9	-	6
Ehukai .....	207,449	24	179	26	-	19
Ke waena .....	157,863	7	218	9	-	6
Waimea .....	1,321,912	71	1,661	53	-	18
Alii .....	217,280	29	208	13	1	6
Nanakuli .....	274,394	20	563	17	-	14
Maili .....	87,098	18	111	8	-	2
Pokai .....	430,084	6	683	21	1	4
Makaha .....	330,911	9	214	18	-	12

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 229.-- COUNTY TENNIS FACILITIES: 1987 AND 1988

[As of December 31]

Subject	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
Locations:							
1987 .....	90	20	12	1	1	46	10
1988 .....	89	20	11	1	1	46	10
Courts:							
1987 .....	278	44	34	2	2	172	24
1988 .....	278	44	32	2	2	174	24

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

Table 230.-- COUNTY GOLF COURSES AND CAMPING PERMITS, FOR OAHU:  
1983 TO 1988

Calendar year	Public golf courses			Camping permits issued <u>1/</u>
	Courses	Holes	Rounds played	
1983 .....	4	63	494,610	7,462
1984 .....	4	63	484,691	8,062
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

1/ By the City and County of Honolulu.

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

Table 231.-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLANDS:  
JANUARY 1989

Status, island, and ownership	Number of golf courses					Number of holes
	Total	9-hole	18-hole	27-hole	36-hole	
State total ...	56	11	43	1	1	936
Hawaii .....	11	2	8	1	-	189
Municipal .....	1	-	1	-	-	18
Private .....	10	2	7	1	-	171
Maui .....	10	1	9	-	-	171
Municipal .....	1	-	1	-	-	18
Private .....	9	1	8	-	-	153
Lanai .....	1	1	-	-	-	9
Private .....	1	1	-	-	-	9
Molokai .....	2	1	1	-	-	27
Private .....	2	1	1	-	-	27
Oahu .....	28	5	23	-	-	459
Military .....	9	3	6	-	-	135
Municipal .....	4	1	3	-	-	63
Private .....	15	1	14	-	-	261
Kauai .....	4	1	2	-	1	81
Municipal .....	1	-	1	-	-	18
Private .....	3	1	1	-	1	63

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

Table 232.-- HAWAIIAN OPEN SCORES AND PURSES: 1984 TO 1989

[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
1984 .....	72	*271	17	500,000	90,000
1985 .....	72	267	21	500,000	90,000
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

\* 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.

Table 233.-- FISHING AND HUNTING LICENSES ISSUED: 1984 TO 1989

[Years ended June 30]

Type of license	1984	1985	1986	1987	1988	1989
Freshwater game fishing ..	9,866	7,131	8,200	8,669	10,512	9,565
Hunting .....	12,107	12,599	12,776	12,748	13,469	12,714

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

Table 234.-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES,  
BY ISLANDS: FEBRUARY 1989

Island	Public hunting areas		National Wildlife Refuges <u>1/</u>		Other wildlife sanctuaries and refuges	
	Number	1,000 acres	Number	1,000 acres	Number	1,000 acres
State total .....	59	1,024.2	7	271.0	11	80.6
Hawaii .....	26	727.9	1	15.0	4	79.5
Maui .....	7	102.5	-	-	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 235.-- WATER RECREATION FACILITIES AND RESOURCES, BY ISLANDS: 1988

Island	Small craft mooring facilities capacity <u>1/</u>		Miles of sandy shoreline <u>2/</u>		Number of surfing sites <u>3/</u>
	Catwalks and piers	Other mooring areas	Total	Primary <u>4/</u>	
Six major islands .	1,388	612	184.9	24.4	1,600
Hawaii .....	29	234	19.4	1.2	185
Maui .....	53	146	32.6	7.9	212
Lanai .....	28	-	18.2	-	99
Molokai .....	3	29	23.2	-	180
Oahu .....	1,193	167	50.3	12.5	594
Kauai .....	82	36	41.2	2.8	330

1/ As of December 31, 1988. At that time, 1,715 vessels were moored, vacancies numbered 273, and there were 2,088 valid applications on file.

2/ Surveyed in 1962.

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."

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

Source: Hawaii State Department of Transportation, Harbors Division, Small Craft Mooring Facilities Utilization Report (quarterly); 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 236.-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES AND WINNING TIMES: 1979 TO 1989

[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
1979 .....	80	11:18:01:04	11:14:42:51
1981 .....	70	8:11:02:31	7:21:44:48
1983 <sup>1/</sup> ...	66	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

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

Source: Jack Smock, Transpac, A History of the Great Race to Honolulu ... (1980), pp. 552 and 669; The Transpacific Yacht Club, 1982-83 Transpacific Yacht Club Year Book (1983); Honolulu Advertiser, July 12, 1983, p. B-1, July 4, 1985, p. E-3, July 19, 1985, p. G-3, and July 10, 1989, p. C-1; Honolulu Star-Bulletin, July 15, 1983, p. C-3; Sunday Star-Bulletin and Advertiser, July 10, 1983, p. F-1; Waikiki Yacht Club, records.

Table 237.-- HAWAIIAN CANOE RACING EXPENDITURES:  
1986

[\$1,000]

Type of expenditure	Amount
Total expenditure .....	3,874
Long-distance races .....	614
Regattas .....	2,590
Equipment .....	670

Source: Mike Markrich, Outrigger Canoe Racing in Hawaii: Its Economic Impact (University of Hawaii Sea Grant College Program and Department of Business and Economic Development, Ocean Resources Branch, July 1988), p. 31.

Table 238.-- SURFING COMPETITION EXPENDITURES: 1986

[Dollars]

Kind of event	Total	Direct	Indirect
All events .....	4,246,818	2,440,700	1,806,118
Boardsurfing .....	2,318,202	1,332,300	985,902
Windsurfing .....	1,902,516	1,093,400	809,116
Bodysurfing .....	26,100	15,000	11,100

Source: Mike Markrich, Economic Effects of Surfing Activities in Hawaii (University of Hawaii Sea Grant College Program and Department of Business and Economic Development, Ocean Resources Branch, December 1988), p. 19.



Table 239.-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP REGISTRANTS,  
FINISHERS, AND WINNING TIMES: 1978 TO 1989

Year	Number of registrants	Number of finishers	Winning time (hr., min., sec.)	
			Men	Women
1978 .....	15	12	11:46:58	--
1979 .....	15	12	11:15:56	12:55:38
1980 .....	108	94	9:24:33	11:21:24
1981 .....	326	299	9:38:29	12:00:32
1982 (Feb.) ..	580	541	9:19:41	11:09:40
1982 (Oct.) ..	850	775	9:08:23	10:54:08
1983 .....	964	838	9:05:57	10:43:36
1984 .....	1,036	903	8:54:20	10:25:13
1985 .....	1,018	965	8:50:54	10:25:22
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

Source: McNeil Wilson Communications for Bud Light Ironman Triathlon World Championship, records.

Table 240.-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND  
WINNING TIMES: 1984 TO 1989

Year	Number of registrants	Number of finishers	Winning time (hr., min., sec.)	
			Men	Women
1984 ....	10,653	8,166	2:16:25	2:42:49
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

Source: Honolulu Marathon Association, records.

Table 241.-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:  
1983-1984 TO 1988-1989 SEASONS

Bowl	1983- 1984	1984- 1985	1985- 1986	1986- 1987	1987- 1988	1988- 1989
Aloha Bowl .....	34,728	37,996	30,574	20,666	20,093	18,967
Hula Bowl .....	26,829	25,890	20,943	15,774	26,737	28,896
Pro Bowl .....	47,482	48,124	47,906	46,799	46,692	46,464

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

Table 242.-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF HAWAII  
AT MANOA: 1988-1989

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

Sports	Games played <sup>1/</sup>				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
Baseball .....	67	40	27	-	45	123,330
Basketball (men's) ....	30	17	13	-	15	60,673
Basketball (women's) ..	28	18	10	-	15	3,541
Football .....	12	9	3	-	9	401,864
Volleyball (men's) ....	29	22	7	-	10	14,022
Volleyball (women's) ..	36	33	3	-	20	37,970

<sup>1/</sup> Volleyball data refer to matches.

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

Table 243.-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:  
1988-1989 SEASON

Sport	Players	Games <u>1/</u>	Attendance	Expenditure <u>2/</u> (dollars)
Baseball ..	Boys .....	364	66,429	243,688
Basketball	Boys and girls	886	134,053	481,274
Football ..	Boys .....	258	378,658	720,330

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, Athletics Program, records.

Table 244.-- BOWLING ESTABLISHMENTS (SIC 7933): 1982

[Includes only establishments with payroll]

Subject	Number	Source of receipts from customers	Amount (\$1,000)
Establishments .....	18	Receipts, total .....	8,069
Lanes operated, Dec. 31 .....	389	Bowling .....	6,545
Per establishment .....	22	Sales of food, refreshments, and alcoholic beverages ..	788
Paid lines bowled (1,000) ....	6,052	Other sources .....	736

Source: U.S. Bureau of the Census, 1982 Census of Service Industries, Miscellaneous Subjects, SC82-I-5 (December 1985), table 22.

Table 245.-- PROFESSIONAL BOXING: 1983 TO 1988

Year	Number of promoters	Number of shows	Paid attendance	Gross receipts (dollars)
1983 ...	3	12	22,178	200,148.50
1984 ...	1	9	14,937	156,260.00
1985 ...	1	9	18,278	201,852.00
1986 ...	2	6	7,181	67,105.00
1987 ...	1	2	1,152	15,560.00
1988 ...	-	-	-	-

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

Table 246.-- DOG LICENSES ISSUED, BY ISLANDS: 1983 TO 1988

[Dogs are licensed on a biennial basis]

Year	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
1983 ....	41,566	3,397	3,454	98	203	33,597	817
1984 ....	19,661	1,974	1,372	38	119	15,832	326
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

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