

Section 7

RECREATION AND TOURISM

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 5,607,000 visitors stayed overnight or longer in Hawaii during 1986, compared with 3,220,000 in 1976 and only 835,000 in 1966. The average number present at any given time during 1986 was 133,000. Total visitor expenditures (exclusive of trans-Pacific fares) in 1986 amounted to \$5.5 billion, compared with \$1.6 billion a decade earlier. The 1986 visitor total included 3.7 million from other States, 282,000 from Canada, and 944,000 from Japan. Expenditures per visitor day in 1986 averaged \$95.40 for westbound visitors and \$257 for the Japanese. Visitor-related spending in 1985 resulted in tax revenues of \$600 million and generated 175,000 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, 560 county parks, 57 golf courses, 274 public tennis courts, 2,055 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 1986 included Waikiki Beach, Hanauma Bay, the National Memorial Cemetery of the Pacific, and Wailua River State Park. Total visits to 49 museums, State monuments and similar attractions in 1986 numbered 13.4 million. About 411,000 Hawaii residents traveled to the Mainland in 1986. Twelve theatrical groups on Oahu reported 1,245 performances of 353 productions for the 1985-1986 season, with a combined audience of 845,000. During the same season, the Honolulu Symphony Orchestra gave 137 concerts, with a total attendance of 208,000. Professional baseball drew 116,000 fans in 1987, and during the 1986-1987 school year, attendance at UH-Manoa varsity baseball, basketball and football home games was 514,000.

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: 1987.

Table 207.-- PASSENGERS ARRIVING, BY DIRECTION OF TRAVEL AND TRANSIT
STATUS: 1977 TO 1986

Direction and status	1977	1978	1979	1980	1981
All directions ..	4,544,802	4,784,561	5,291,333	5,380,383	5,305,809
Landing	3,668,419	3,898,864	4,144,183	4,172,640	4,211,250
Intransit	876,383	885,697	1,147,150	1,207,743	1,094,559
Westbound <u>1</u> /	3,434,979	3,664,351	3,839,041	3,861,059	3,780,383
Landing	2,986,458	3,227,409	3,292,928	3,257,853	3,223,653
Intransit	448,521	436,942	546,113	603,206	556,730
Eastbound <u>2</u> /	1,109,823	1,120,210	1,452,292	1,519,324	1,525,426
Landing	681,961	671,455	851,255	914,787	987,597
Intransit	427,862	448,755	601,037	604,537	537,829
Direction and status	1982	1983	1984	1985	1986
All directions ..	5,580,240	5,546,540	6,107,730	6,314,290	7,063,710
Landing	4,582,020	4,653,450	5,242,770	5,338,170	6,068,990
Intransit	998,220	893,090	864,960	976,120	994,720
Westbound <u>1</u> /	4,078,360	4,098,720	4,543,890	4,675,690	5,245,690
Landing	3,589,625	3,654,560	4,082,070	4,137,830	4,689,480
Intransit	488,735	444,160	461,820	537,860	556,210
Eastbound <u>2</u> /	1,501,880	1,447,820	1,563,840	1,638,600	1,818,020
Landing	992,390	998,890	1,160,700	1,200,340	1,379,510
Intransit	509,490	448,930	403,140	438,260	438,510

1/ Arriving from North America.

2/ Arriving from Asia or Oceania.

Source: Hawaii Visitors Bureau, 1986 Annual Research Report, p. 4, as corrected.

Table 208.-- RESIDENCE STATUS OF WESTBOUND PASSENGERS ARRIVING
IN HAWAII: 1981 TO 1986

[Based on a 20-percent sample through 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		
1981	3,780,383	2,611,142	363,649	556,730	230,728	18,134
1982	4,078,360	2,896,255	382,270	488,725	290,040	21,070
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

Source: Hawaii Visitors Bureau, 1986 Annual Research Report, p. 6.

Table 209.-- WESTBOUND PARTIES, BY VISITOR STATUS:
1985 AND 1986

Year	All surveyed parties	Visitors destined --		Returning residents	Intended residents
		To Hawaii	Beyond Hawaii		
1985 ..	2,315,680	1,826,310	193,790	281,390	14,190
1986 ..	2,625,310	2,124,390	204,100	284,020	12,800

Source: Hawaii Visitors Bureau, 1986 Annual Research Report, p. 8.

Table 210.-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS: 1921 TO 1964

Year	Visitor arrivals <u>1/</u>	Average visitor census <u>2/</u>	Year	Visitor arrivals <u>1/</u>	Average visitor census <u>2/</u>
1921	8,000	...	1942-45 <u>3/</u>	-	-
1922	9,676	...	1946	15,000	975
1923	12,021	...	1947	25,000	1,625
1924	12,468	...	1948	36,397	2,366
1925	15,193	...	1949	34,386	2,235
1926	16,762	...	1950	46,593	3,027
1927	17,451	...	1951	51,565	3,350
1928	19,980	...	1952	60,539	3,796
1929	22,190	...	1953	80,346	4,746
1930	18,651	...	1954	91,289	5,369
1931	15,780	1,200	1955	109,798	6,042
1932	10,370	...	1956	133,815	6,947
1933	10,111	...	1957	168,829	8,205
1934	16,161	...	1958	171,588	8,397
1935	19,933	...	1959	243,216	10,390
1936	22,199	...	1960	296,517	11,797
1937	21,987	...	1961	319,807	11,960
1938	23,043	...	1962	362,145	13,125
1939	24,390	...	1963	429,140	15,316
1940	25,373	1,648	1964 <u>4/</u> .	508,870	16,739
1941	31,846	2,069			

1/ Visitors staying overnight or longer. Data before 1946 exclude steerage passengers and those aboard government ships and aircraft. Figures for 1946 and later years limited to passengers aboard civilian carriers. Data for 1951-1964 not adjusted for survey nonresponse, which was relatively small during those years; for adjusted estimates, including annual estimates back to 1800, see L.J. Crampon, Hawaii's Visitor Industry, Its Growth and Development (School of Travel Industry Management, University of Hawaii, 1976; unpublished), pp. 316-317.

2/ Average number present on any day of the year. Estimates not regularly available before 1940.

3/ War years; visitor industry suspended.

4/ For figures adjusted for nonresponse, see following table.

Source: Visitor arrivals, 1921-1950, from Robert C. Schmitt, Origins of the Hawaii Visitors Bureau Research Program, 1911-1950 (University of Hawaii at Manoa, School of Travel Industry Management and Social Science Research Institute, Tourism Research Publications, Occasional Paper No. 7, 1984), pp. 17 and 19. Visitor arrivals, 1951-1964, and average visitor census, 1951-1964, from Hawaii Visitors Bureau, Annual Research Report, 1952-1964. Average visitor census, 1931-1950, estimated by Hawaii State Department of Planning and Research.

Table 211.-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS: 1964 TO 1986

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

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 212.-- VISITOR DAYS, BY DIRECTION OF TRAVEL:
1985 AND 1986

Year	Total	Westbound	Eastbound and northbound
1985	42,596,920	37,894,920	4,702,000
1986	48,512,670	43,110,310	5,402,360

Source: Hawaii Visitors Bureau, 1986 Annual Research Report, p. 5.

Table 213.-- RESIDENCE OF OVERNIGHT AND LONGER VISITORS TO HAWAII:
1983 TO 1986

[Approximate figures, in thousands]

Place of residence	1983	1984	1985	1986
Total	4,368	4,856	4,884	5,607
United States	2,906	3,168	3,200	3,739
Foreign	1,462	1,688	1,684	1,868
Asia	818	924	986	1,083
Japan	729	816	855	944
Other Asia	89	108	131	139
Canada	268	330	279	282
Europe	68	63	59	99
United Kingdom	39	36	31	49
West Germany	20	18	19	30
Other Europe	9	9	9	20
Oceania and South Pacific	274	334	323	360
Australia	167	210	204	219
New Zealand	67	76	78	98
Other South Pacific	40	48	41	43
Other foreign	34	37	37	44

Source: Hawaii Visitors Bureau, tabular release dated March 1987.

Table 214.-- WESTBOUND VISITOR ARRIVALS, BY COUNTIES VISITED:
1981 TO 1986

[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 through 1983 and a 10-percent sample thereafter]

Year	State total ^{1/}	City and Co. of Honolulu	Hawaii County	Kauai County	Maui County
1981 ...	2,974,791	2,398,480	672,683	757,811	1,389,892
1982 ...	3,278,525	2,589,190	678,170	733,295	1,550,080
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

^{1/} 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 215.-- AVERAGE VISITOR CENSUS, BY COUNTIES: 1981 TO 1986

[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 through 1983 and a 10-percent sample thereafter]

Year	State total	City and Co. of Honolulu	Hawaii County	Kauai County	Maui County
1981 ...	95,968	66,455	6,561	7,225	15,727
1982 ...	105,310	73,445	6,725	7,050	18,090
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

Source: Hawaii Visitors Bureau, release dated March 1987 and records.

Table 216.-- SUMMARY CHARACTERISTICS OF WESTBOUND VISITORS TO HAWAII:
1976 TO 1986

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

Year	Residence (percent) <u>1/</u>		Males per 1,000 females	Median age (years)	High status occupa- tions <u>2/</u> (percent)	Persons per party
	Pacific & Mountain States	California				
1976	37.9	24.0	787	44.8	58.4	1.75
1977	40.2	25.8	802	43.2	58.8	1.78
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

Year	Arriving June 1- Aug. 31 (percent)	Repeat visi- tors <u>3/</u> (percent)	Pleasure trip (percent)	Staying in hotel <u>4/</u> (percent)	Average intended stay <u>5/</u> (days)	Intending to visit Neighbor Islands <u>6/</u> (percent)
1976	28.3	38.7	79.0	...	10.7	65.6
1977	27.3	41.1	78.6	...	10.9	66.8
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

Footnotes and source on next page.

Table 216.-- SUMMARY CHARACTERISTICS OF WESTBOUND VISITORS TO HAWAII:
1976 TO 1986 -- 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. Data for years before 1979 are not comparable in coverage.

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 1976-1986 and records.

Table 217.-- VISITOR INDUSTRY PROJECTIONS: 1985 TO 2005

[Series M-F projections, recommended by DBED for State planning purposes]

Year	Visitor arrivals (1,000)	Average visitor census (1,000)		Hotel employment (1,000)		Visitor and crew expenditures (millions of 1980 dollars)
		State total	Oahu only	State total	Oahu only	
1985 (est.) ..	4,884	117	65	28.0	16.0	3,827
1990	6,083	156	95	31.8	16.2	4,477
1995	7,052	179	102	35.0	16.8	5,190
2000	7,786	198	107	36.9	17.0	5,731
2005	8,183	208	112	37.1	17.1	6,023

Source: 1985 from Hawaii Visitors Bureau and Hawaii State Department of Labor and Industrial Relations; 1990-2005 from Hawaii State Department of Planning and Economic Development, Population and Economic Projections for the State of Hawaii, 1980-2005 (July 1984), p. 20.

Table 218.-- DEMOGRAPHIC CHARACTERISTICS OF WESTBOUND VISITORS
TO AND BEYOND HAWAII: 1985 AND 1986

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1985	1986	1985	1986
All visitors	3,386,530	3,915,770	322,080	340,620
Age:				
Under 10 years	93,490	116,400	21,640	22,890
10 to 19 years	238,180	286,700	26,250	27,920
20 to 29 years	597,040	672,920	60,860	66,880
30 to 39 years	694,380	810,010	66,840	67,330
40 to 49 years	605,280	707,630	52,760	54,160
50 to 59 years	489,980	554,330	37,020	38,400
60 years and over	490,810	582,720	27,050	31,260
Age not reported	177,370	185,060	29,660	31,780
Sex:				
Male	1,510,570	1,775,170	176,300	185,500
Female	1,875,960	2,140,600	145,780	155,120
Residence (census divisions):				
Pacific	1,167,580	1,490,470	14,000	16,380
Alaska	20,430	33,010	530	450
California	923,020	1,167,210	10,880	12,830
Oregon	75,270	91,930	830	930
Washington	148,860	198,320	1,760	2,170
Mountain	240,190	279,590	2,910	3,710
West North Central	222,680	229,280	1,990	3,140
West South Central	252,940	239,820	4,700	4,220
East North Central	408,040	457,560	5,410	6,950
East South Central	87,250	83,460	1,250	1,520
New England	124,150	138,500	2,420	3,440
Middle Atlantic	308,700	355,280	7,550	10,370
South Atlantic	282,900	312,350	9,300	9,860
U.S. territories	310	400	2,970	2,540
Canada	241,420	247,140	3,120	4,910
Other foreign	49,960	81,690	266,370	273,540
Residence not reported	410	230	90	40

Source: Hawaii Visitors Bureau, Annual Research Report for 1985 and 1986.

Table 219.-- TRIP CHARACTERISTICS OF WESTBOUND VISITORS
TO AND BEYOND HAWAII: 1985 AND 1986

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1985	1986	1985	1986
All visitors	3,386,530	3,915,770	322,080	340,620
Purpose of trip:				
Pleasure	2,703,340	3,202,700	263,610	283,410
Business	68,080	82,760	14,360	12,640
Business and pleasure	357,590	391,490	24,710	25,810
Government and military	15,770	19,650	5,160	4,750
Visiting relatives	92,030	94,870	5,810	5,210
Attend school	1,770	1,690	310	340
Convention	122,600	92,550	2,440	2,760
Other	8,430	9,170	2,330	2,020
Purpose not reported	16,920	20,890	3,350	3,680
Traveler status:				
Organized tour group	605,130	576,320	58,520	49,810
Individual basis	2,560,190	3,005,870	250,010	271,410
Incentive	166,520	212,750	4,700	6,670
Government/military	15,770	19,790	5,160	4,760
No answer	38,920	101,040	3,690	7,970
Intended accommodations:				
Hotel	1,966,350	2,184,010	263,590	269,590
Condominium	707,040	868,900	26,480	34,160
Hotel and condominium	324,570	418,900	6,750	10,470
Friend's or relative's home ..	259,340	293,670	18,390	18,810
Other accommodations	126,430	146,130	5,920	6,440
Not reported	2,800	4,160	950	1,150

Source: Hawaii Visitors Bureau, Annual Research Report for 1985 and 1986.

Table 220.-- INTENDED LENGTH OF STAY OF WESTBOUND VISITORS
TO AND BEYOND HAWAII: 1984 TO 1986

[Data limited to visitors staying overnight or longer]

Destination and length of stay	1984	1985	1986
VISITORS TO HAWAII			
Total	3,385,880	3,386,530	3,915,770
2 to 6 days	280,350	261,880	348,680
7 to 12 days	2,216,920	2,294,890	2,672,040
13 to 18 days	696,160	658,750	710,750
19 to 24 days	99,760	89,140	95,990
25 to 30 days	43,730	39,480	44,860
31 to 60 days	42,140	38,100	36,700
61 to 90 days	6,080	3,680	5,230
91 to 365 days	740	610	1,520
Median (days)	10.3	10.2	10.1
VISITORS BEYOND HAWAII			
Total	335,500	322,080	340,620
2 days	28,410	26,410	28,160
3 days	71,160	70,840	68,680
4 to 6 days	151,470	152,470	165,410
7 to 12 days	67,320	60,540	65,120
13 to 365 days	16,620	11,820	13,250
Median (days)	4.8	4.8	4.8

Source: Hawaii Visitors Bureau, Annual Research Report for 1984-1986.

Table 221.-- CHARACTERISTICS OF WESTBOUND VISITOR PARTY
HEADS TO AND BEYOND HAWAII: 1985 AND 1986

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1985	1986	1985	1986
All party heads	1,826,310	2,124,390	193,790	204,100
Occupation:				
Professional and technical ...	659,880	784,400	60,500	63,980
Business, managerial, official	458,570	529,930	60,980	63,130
Clerical, office, sales	175,890	193,710	15,160	16,860
Military service	17,740	23,570	3,870	4,120
Other employed	122,590	126,200	10,770	11,490
Military dependent	3,020	4,410	350	300
Retired	241,260	288,280	14,410	16,370
Student	76,120	93,410	16,540	17,070
Other non-employed	45,070	49,030	6,640	6,760
Not reported	26,170	31,450	4,570	4,020
Trips to Hawaii:				
First trip	913,780	997,550	90,770	97,700
Second trip	320,810	378,880	34,650	36,970
Third trip	148,660	183,600	14,450	15,610
Fourth trip and over	319,520	403,600	35,200	34,720
Not reported	123,540	160,760	18,720	19,100
Persons in party:				
1 person	336,180	750,460	68,740	118,710
2 persons	1,082,420	1,143,070	64,400	58,530
3 persons	146,840	100,360	18,000	9,930
4 persons	163,630	91,930	26,700	11,550
5 persons or more	97,240	38,570	15,950	5,380
Average size	1.85	1.84	1.66	1.67

Source: Hawaii Visitors Bureau, Annual Research Report for 1985 and 1986.

Table 222.-- FAMILY INCOME, TRIP CHARACTERISTICS, AND OPINIONS OF
MAINLAND VISITORS TO HAWAII: 1980 TO 1983

Subject	1980	1981	1982	1983
Number of respondents in sample	5,180	4,984	5,810	5,736
Family income before taxes (percent) ..	100.0	100.0	100.0	100.0
Under \$15,000	10.3	7.5	6.0	5.0
\$15,000 to \$24,999	19.4	16.6	16.3	14.7
\$25,000 to \$34,999	24.1	22.2	21.7	20.3
\$35,000 to \$49,999	24.0	24.8	24.4	25.2
\$50,000 and over 1/	22.2	28.9	31.6	34.8
Median income (dollars)	33,400	37,300	38,700	41,000
Education: college graduates (percent)	54.5	57.6	56.0	56.6
Using travel agent (percent)	79.6	79.0	78.7	80.2
Islands visited (percent):				
Oahu only	26.6	27.2	29.2	29.0
Hawaii	30.2	24.5	22.7	23.4
Maui	53.4	54.0	52.7	53.0
Kauai	34.6	33.0	27.3	27.0
Molokai	0.6	0.6	0.5	0.2
Hawaii compared with other vacation areas visited (percent)	100.0	100.0	100.0	100.0
Far superior	35.2	37.0	37.9	39.7
Above average	54.2	53.9	53.3	53.3
Average	9.4	8.3	7.8	6.4
Below average	1.0	0.7	0.8	0.6
Quite inferior	0.1	0.2	0.1	(Z)

Z Less than 0.05 percent.

1/ Data for 1983 were reported in two classes, \$50,000 to \$74,999 (21.4 percent) and \$75,000 and over (13.4 percent).

Source: Hawaii Visitors Bureau, Visitor Reaction Survey (annual summaries).

Table 223.-- MEETINGS AND CONVENTIONS: 1981 TO 1986

Year	No. of meetings held	Estimated attendance	Estimated guest rooms	Estimated revenue (\$1,000)
1981	505	181,662	84,142	134,164
1982	439	167,558	78,589	123,748
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

NA Not available.

Source: Hawaii Visitors Bureau, Meetings and Conventions Department.

Table 224.-- MEETINGS AND CONVENTIONS, BY ISLANDS: 1985 AND 1986

Island	Number of meetings held		Estimated attendance	
	1985	1986	1985	1986
State total <u>1/</u>	740	810	247,166	250,703
Hawaii:				
Hilo	3	7	990	1,187
Kona	79	76	17,127	18,248
Maui	231	268	49,180	48,859
Molokai	2	2	375	67
Oahu	398	404	170,624	171,893
Kauai	54	53	12,853	10,449

1/ Because some meetings took place on more than one island, detail does not add to indicated totals.

Source: Hawaii Visitors Bureau, Meetings and Conventions Department.

Table 225. -- 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 226.-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1931-1932 TO 1986

[Dollars]

Year	Main-landers	Japanese	Year	Main-landers	Japanese
1931-32 <u>1/</u>	17.50	(NA)	1977	54.62	146.85
1951	28.00	(NA)	1980	71.24	185.00
1960-61	32.00	(NA)	1983	85.88	227.32
1965-66 <u>1/</u>	37.23	(NA)	1986	95.40	257.40
1974	46.20	123.00			

NA Not available.

1/ Oahu only.

Source: Hawaii Visitors Bureau, 1983 Visitor Expenditure Survey (1985), p. 31, 1986 Visitor Expenditure Survey (1987), p. 46, and unpublished 1986 Japanese estimate.

Table 227.-- EXPENDITURES PER VISITOR DAY BY WESTBOUND VISITORS,
BY EXPENDITURE TYPE: 1983 AND 1986

[In dollars. Excludes transpacific travel costs]

Expenditure type	1983	1986		
		State-wide	On Oahu	On the Neighbor Islands
All items	85.88	95.40	92.92	114.18
Food and beverage	21.47	22.00	21.20	23.67
Restaurants	15.65	15.37	14.59	17.78
Nightclubs	1.41	1.80	2.11	1.12
Dinner shows	1.95	2.28	2.16	1.81
Groceries	2.46	2.55	2.34	2.96
Entertainment	5.10	7.74	7.91	10.41
Attractions	3.96	6.34	6.88	7.78
Other	1.14	1.40	1.03	2.63
Transportation	9.61	6.99	6.29	15.86
Ground transportation	1.44	1.01	0.97	0.66
U-drive	4.18	2.87	2.40	4.98
Interisland travel	2.73	1.90	1.51	8.88
Sightseeing tours	1.26	1.21	1.41	1.34
Clothing	7.18	8.06	8.57	6.07
Gifts and souvenirs	7.32	8.21	8.55	7.46
Lodging	29.94	36.60	34.43	44.94
All other	3.89	4.10	4.28	3.92
Adjustment <u>1/</u>	1.37	1.70	1.69	1.85

1/ Estimated amount of underreporting for listed categories.

Source: Hawaii Visitors Bureau, 1986 Visitor Expenditure Survey (1987), pp. 12 and 13.

Table 228.-- EXPENDITURES PER VISITOR DAY BY WESTBOUND VISITORS, BY VISITOR OR TRIP CHARACTERISTICS: 1986

Visitor or trip characteristics	Dollars	Visitor or trip characteristics	Dollars
All westbound visitors	95.40	Previous visits:	
Group tour:		First trip	95.06
Organized tour group	95.45	Repeat visitors	95.32
Individually arranged	95.66	Party size:	
Accommodations:		1 person	115.73
Hotel only	96.47	2 persons	92.09
Condo only	89.81	3 persons	83.76
Guests of friends,		4 persons or more	78.21
relatives	*60.76	Purpose of trip:	
Hotel/condo combination ..	90.86	Pleasure	93.91
Length of stay:		Business	123.34
1 to 6 days	99.55	Business/pleasure	117.62
7 to 12 days	96.38	Government/military	*109.10
13 to 18 days	92.06	Visiting relatives	*78.69
19 days or longer	77.24	School/college	*105.22
Residence: ^{1/}		Convention	*107.98
Pacific	89.21	Other	*120.64
Mountain	87.50	Time of year:	
W.N. Central	82.81	First quarter	97.04
W.S. Central	101.74	Second quarter	92.06
E.N. Central	99.22	Third quarter	100.11
E.S. Central	*102.06	Fourth quarter	92.35
New England	109.83	Children in party:	
Mid Atlantic	105.23	Yes	76.52
S. Atlantic	99.64	No	96.78
Canada	*80.14		
Other foreign	*117.76		

* Sample under 25; subject to considerable sampling variation.

^{1/} Census divisions; see source, p. 7.

Source: Hawaii Visitors Bureau, 1986 Visitor Expenditure Survey (1987), pp. 12-33.

Table 229.-- ESTIMATED EXPENDITURES BY VISITORS TO HAWAII, BY COUNTIES: 1970 TO 1986

[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 <u>1/</u> ...	4,582	2,895	1,686.6	248.9	359.4	1,078.3
1985 <u>1/</u> ...	4,884	3,084	1,799.5	285.9	407.9	1,105.7
1986 <u>1/</u> ...	5,500	3,444	2,056.2	343.8	516.9	1,195.5

1/ Preliminary estimate.

Source: Hawaii Visitors Bureau, "Neighbor Island Statistics," tabular release dated March 1987.

Table 230.-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:
1970 TO 1986

[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

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 1981-1986 estimates based on the DBED Input-Output Model.

Table 231.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 1970 TO 1986

Year	Visitor-related expenditures 1/ (million dollars)	Total sales or output 2/ (million dollars)	Household income (million dollars)	State and county tax revenues (million dollars)	Jobs 2/ (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

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

2/ Direct, indirect, and induced.

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 1970-1986 estimates based on the DBED Input-Output Model.

Table 232.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES,
BY INDUSTRY: 1986

Year and industry	Direct visitor- related expend- itures 1/ (million dollars)	Total sales or out- put 2/ (million dollars)	Total house- hold income (million dollars)	Jobs (1,000)	
				Total 3/	Direct only
All industries	6,110.0	10,263.7	3,782.5	196.3	108.9
Agriculture	35.5	78.5	34.8	0.6	0.3
Textile and apparel mfg.	51.8	91.7	31.6	2.6	1.6
Other manufacturing	153.6	301.1	79.9	5.0	1.6
Air transportation	485.8	855.0	276.9	13.8	6.2
Other transportation	188.0	387.3	148.5	3.7	1.9
Wholesale trade 4/	133.8	282.3	121.7	5.9	2.9
Eating and drinking places ...	1,163.9	2,269.6	686.7	47.7	27.7
Other retail trade 4/	529.0	1,137.3	529.0	32.2	21.1
Hotel services and real estate	1,756.1	3,916.1	1,492.7	60.3	31.2
Other services	458.7	945.0	380.7	24.4	14.5
Imports	1,153.8	-	-	-	-

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 and Economic Development, unpublished estimates based on the DBED Input-Output Model.

Table 233.-- VISITOR INDUSTRY PRICE INDEXES: 1967 TO 1986

[1967 = 100]

Year	Vacation price index <u>1/</u>	Hotel price index <u>1/</u>	Airfare index <u>2/</u>	Honolulu consumer price index <u>3/</u>		
				Eating out <u>4/</u>	Apparel, upkeep	All items
1967	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.3	99.2	103.4	104.1	103.8	103.8
1969	108.9	102.4	119.3	111.6	109.4	108.5
1970	116.0	121.2	143.9	121.2	115.1	114.2
1971	119.1	117.6	143.9	126.9	117.6	118.9
1972	120.6	118.9	143.9	130.8	120.5	122.8
1973	124.7	119.9	148.8	139.0	124.1	128.3
1974	136.1	126.8	156.4	156.6	133.3	141.9
1975	150.1	141.1	162.0	178.7	141.2	155.0
1976	158.5	155.4	174.2	193.1	146.7	162.8
1977	169.2	169.6	174.2	204.5	152.2	171.0
1978	183.2	187.2	204.5	218.9	161.3	184.1
1979	201.3	211.5	219.7	236.1	171.7	204.6
1980	224.6	237.2	295.5	254.4	183.9	228.5
1981	(NA)	(NA)	386.4	277.8	193.4	252.4
1982	(NA)	(NA)	348.5	299.7	201.5	267.6
1983	(NA)	(NA)	378.4	314.1	207.7	273.5
1984	(NA)	(NA)	378.4	327.9	205.1	284.8
1985	(NA)	(NA)	340.5	340.9	203.9	294.1
1986	(NA)	(NA)	355.7	349.6	204.4	301.1

NA Not available.

1/ Annual averages. From Edwin Fujii, Mohammed Khaled, and James Mak, The Incidence and Exportability of Hotel Occupancy and Other Tourist Taxes in Hawaii (consultant report, July 1984), p. 47.

2/ July 1 data for one-way fares, including taxes, by Hawaiian Airlines jet aircraft (when available) between Honolulu and Kahului or Lihue. From DPED Statistical Report 103, table 2; Hawaii Visitors Bureau, 1983 Visitor Expenditure Survey, table 18; and present report, table 562.

3/ Annual averages. Beginning 1978, refers to CPI-U. From U.S. Bureau of Labor Statistics, CPI Detailed Report (monthly) and records.

4/ Food away from home.

Source: See above footnotes.

Table 234.-- HAWAII VISITORS BUREAU INCOME AND EXPENDITURES: 1981 TO 1986

[In dollars. Years ended June 30]

Year	Income				Expenditures
	Total	State appropriations <u>1/</u>	Private subscriptions	Other <u>2/</u>	
1981	3,337,771	2,052,727	941,542	343,502	3,285,624
1982	4,431,673	3,197,785	1,033,486	200,402	4,448,871
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

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 235.-- PASSPORTS ISSUED, BY FIRST AREA DESTINATION: 1982 TO 1986

Category and first area destination	1982	1983	1984	1985	1986
By Honolulu Passport Agency <u>1/</u>	41,906	41,446	52,250	56,140	43,731
To Hawaii residents, total <u>2/</u>	38,690	30,040	(NA)	(NA)	(NA)
Europe	14,860	15,720	(NA)	(NA)	(NA)
Far East	13,830	7,250	(NA)	(NA)	(NA)
Australia and Oceania	8,660	5,580	(NA)	(NA)	(NA)
All other areas	1,340	1,490	(NA)	(NA)	(NA)

NA Not available.

1/ Includes passports issued to nonresidents of Hawaii.

2/ Includes passports issued to Hawaii residents by out of State offices.

These tabulations were discontinued after 1983.

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

Table 236.-- CHARACTERISTICS OF RESIDENTS RETURNING FROM THE MAINLAND: 1981 TO 1986

Year	Number returning	Oahu residents <u>1/</u> (percent)	Median age (years)	Males per 100 females	Persons per party
1981	230,728	83.8	37.3	101.6	1.44
1982	290,040	84.8	36.7	100.9	1.45
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
	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>
1981	54.5	78.7	13.3	17.3	10,900
1982	52.6	78.6	13.3	18.1	14,400
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

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.

Table 237.-- NUMBER OF WESTBOUND RETURNING RESIDENTS AND
AVERAGE ABSENCE-DAYS, BY PORT OF DEPARTURE: 1986

Port of departure	Number returning	Reporting absence of 1-90 days <u>1/</u>	
		Persons	Average absence (days)
All returning residents	411,440	398,613	13.8
Los Angeles	124,180	119,819	13.7
San Francisco	102,486	99,816	14.4
New York/Los Angeles	30,720	29,963	14.6
Other/Los Angeles <u>2/</u>	28,671	27,928	12.5
Chicago	26,220	25,767	15.6
Seattle	24,273	23,380	14.9
Las Vegas	22,829	21,816	4.8
Dallas	16,612	16,159	16.5
Other	35,449	33,965	14.7

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, Out-of-State Travel by Hawaii Residents During 1986 (Statistical Report 202, September 22, 1987), table 10.

Table 238.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1984 TO 1986

[Calendar year data unless otherwise specified. Some 1984 and 1985
data have been revised]

Island and cultural attraction	1984	1985	1986
State total	12,570,047	12,963,102	13,394,693
Oahu	11,106,734	11,078,363	11,456,215
Bernice P. Bishop Museum <u>1/</u>	224,482	257,760	278,083
Contemporary Arts Center	27,000	27,000	25,500
Damien Museum and Archives <u>2/</u>	3,508	-	10,618
Dole Cannery tours <u>3/</u>	127,229	138,860	154,964
Foster Botanic Garden	64,077	61,676	62,472
Fred Ohrt Museum	4,271	3,880	3,593
Hawaii Maritime Center <u>4/</u>	8,000	45,000	105,000
Honolulu Academy of Arts <u>5/</u>	235,615	274,950	280,842
Hoomaluhia Park	59,622	42,696	49,278
Iolani Palace State Monument <u>6/</u>	65,000	71,000	72,000
Kamehameha V Post Office <u>6/</u>	3,000	-	-
Kodak Hula Show	538,000	460,000	(NA)
Mission Houses Museum <u>7/</u>	18,504	14,100	16,000
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center)	319,113	240,065	216,995
National Memorial Cemetery of the Pacific	4,394,458	4,453,063	5,122,003
Pacific Submarine Museum <u>8/</u>	70,000	45,000	(NA)
Paradise Park	315,592	272,592	225,153
Polynesian Cultural Center	1,030,000	1,029,000	870,000
Puu o Mahuka Heiau State Monument <u>6/</u>	21,000	11,000	11,000
Queen Emma Summer Palace	18,152	16,732	26,298
Royal Mausoleum State Monument <u>6/</u>	79,000	74,000	76,000
Sea Life Park	617,500	655,000	684,530
Tennent Art Foundation Gallery	2,500	3,000	(NA)
Tropic Lightning Museum <u>9/</u>	6,000	8,700	9,100
Ulu Po Heiau State Monument <u>6/</u>	4,000	6,000	5,000
U.S. Army Museum, Ft. DeRussy	118,908	143,390	109,711
U.S.S. Arizona Memorial	1,715,047	1,629,660	1,809,080
Visiting either Memorial or Visitor Center	1,376,816	1,336,992	1,435,885
Aboard non-landing tour boats	338,231	292,668	373,195
U.S.S. Bowfin WWII Submarine Exhibit	224,684	254,053	284,202
Wahiawa Botanic Garden	20,225	18,711	17,245
Waikiki Aquarium <u>10/</u>	295,760	322,796	330,071
Waimea Falls Park	476,487	498,679	601,477

Continued on next page.

Table 238.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1984 TO 1986 -- Con.

Island and cultural attraction	1984	1985	1986
Hawaii	563,305	561,328	626,747
Hawaii Tropical Botanical Gardens <u>11/</u> ...	4,000	20,000	32,000
Greenwell Store Museum <u>12/</u>	400	2,500	5,000
Hulihee Palace	23,501	21,469	21,350
Kamuela Museum	18,000	16,000	16,000
Kealahou Bay State Historical Park <u>13/</u>	-	26,000	36,000
Kilauea Visitor Center	433,144	381,346	425,198
Lapakahi State Historical Park <u>6/</u>	68,000	73,000	71,000
Lyman House Memorial Museum	16,260	21,013	20,199
Maui	354,502	807,670	808,498
Halekii-Pihana Heiaus State Monument <u>6/</u> .	53,000	57,000	50,000
Kula Botanical Gardens <u>14/</u>	24,800	21,995	22,540
Lahaina Restoration Foundation	119,327	162,988	167,724
Baldwin Home Museum	41,333	43,414	43,454
Brig <u>Carthaginian</u>	68,203	73,201	76,835
Hale Pa'i	7,691	8,461	7,615
Wo Hing Temple <u>15/</u>	2,100	37,912	39,820
Maui Historical Society Museum	7,711	15,687	18,234
Maui Plantation <u>16/</u>	149,664	550,000	550,000
Kauai	533,006	493,700	496,496
Grove Farm Homestead	4,420	4,664	4,901
Hanalei Museum <u>17/</u>	6,000	6,500	6,500
Kauai Museum <u>18/</u>	20,102	20,248	25,345
Kokee Natural History Museum	72,299	83,424	83,485
Olu Pua Gardens	(NA)	4,800	6,696
Pacific Tropical Botanical Garden	2,496	5,229	6,899
Russian Fort Elizabeth State Historical Park <u>19/</u>	425,000	375,000	359,000
Waioli Mission House	5,185	3,864	3,670
Molokai	10,004	12,012	6,737
Kalaupapa Settlement	10,004	12,012	6,737

NA Not available.

1/ Years ended June 30. Excludes Falls of Clyde Maritime Museum, operated by the Bishop Museum until November 1, 1983 but listed separately in this table.

2/ Closed part of 1984 and most of 1985; reopened February 11, 1986.

3/ 1984 and 1985 figures refer to year ended June 30.

4/ Includes Falls of Clyde (60,000 in 1986) and Aloha Tower Maritime Museum (45,000 in 1986).

5/ Includes Academy Theatre (52,458 in 1984, 81,617 in 1985, and 85,697 in 1986).

Continued on next page.

Table 238.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1984 TO 1986 -- Con.

- 6/ Years ended June 30.
- 7/ Years ended September 30.
- 8/ Scheduled to close June 30, 1987.
- 9/ Closed three months in 1984.
- 10/ Includes both adult (236,466 in 1986) and child (93,605) attendance.
- 11/ Opened August 1984.
- 12/ Opened September 10, 1984.
- 13/ Beginning October 1984.
- 14/ 1982, 23,600; 1983, 28,500.
- 15/ New site opened December 17, 1984, after one-year restoration.
- 16/ Opened (as Hawaii Tropical Plantation) August 4, 1984.
- 17/ Closed November 23, 1982 to June 1984.
- 18/ Years ended September 30, 1984 and December 31, 1985 and 1986.
- 19/ Years ended June 30. Attendance estimates reflect heavy use of restrooms by tour bus passengers.

Source: Hawaii State Department of Planning and Economic Development, Attendance at Museums and Other Attractions, 1986 (Statistical Memorandum 87-2, June 22, 1987), table 3.

Table 239.-- ATTENDANCE AT MUSEUMS AND OTHER ATTRACTIONS: 1976 TO 1986

Year	Number of attractions	Attendance (1,000)	Year	Number of attractions	Attendance (1,000)
1976 ..	32	7,480	1982 ..	46	12,520
1977 ..	33	8,794	1983 ..	47	12,474
1978 ..	32	9,504	1984 ..	51	12,570
1979 ..	37	10,539	1985 ..	51	12,963
1980 ..	40	10,314	1986 ..	49	13,395
1981 ..	45	10,237			

Source: Hawaii State Department of Planning and Economic Development, Attendance at Museums and Other Attractions, 1986 (Statistical Memorandum 87-2, June 22, 1987).

Table 240.-- HONOLULU SYMPHONY ORCHESTRA: 1976-1977 TO 1986-1987

Season	Average number of orchestra personnel	Number of performances	Total attendance	Operating expenses (dollars)
1976-1977	80	136	200,000	1,654,050
1977-1978	75	109	194,474	1,980,720
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 <u>1/</u> ..	80	85	139,703	2,394,804

1/ Reflects musicians' strike, Aug. 8-Nov. 26, 1986.

Source: Hawaii State Department of Planning and Economic Development, The Performing Arts, 1985-1986 (Statistical Memorandum 87-1, February 25, 1987), table 3, and Honolulu Symphony Society, records.

Table 241.-- PERFORMING ARTS STATISTICAL SUMMARY, FOR OAHU:
1977-1978 TO 1985-1986 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

Source: Hawaii State Department of Planning and Economic Development, The Performing Arts, 1985-1986 (Statistical Memorandum 87-1, February 25, 1987), table 1.

Table 242.-- PERFORMING ARTS, FOR OAHU: 1985-1986 SEASON

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups	353	1,245	845,328
Brigham Young University - Hawaii Campus	15	20	6,987
Chaminade University of Honolulu	1	4	600
Hawaii Loa College	2	8	560
Hawaii Performing Arts Company	6	66	15,238
Honolulu Community Theatre	8	130	46,000
Honolulu Department of Auditoriums, total ...	125	210	397,403
Ballets	4	12	13,814
Concerts	89	112	213,309
Operas	3	9	15,282
Rock shows	7	8	46,180
Other dramatic and musical productions	22	69	108,818
Honolulu Theatre for Youth	6	293	130,502
Leeward Community College	60	164	53,869
U.S. Army Support Command, total	108	214	152,212
Plays, musicals and workshops	9	58	5,598
Showmobile activities	26	26	85,233
DOD/USO touring shows	10	37	6,063
Richardson Performing Arts Center	12	42	32,474
Soldier bands and jam sessions	43	43	1,600
Special events	8	8	21,244
University of Hawaii at Manoa	16	102	38,832
Windward Community College	2	4	125
Windward Theater Guild	4	30	3,000

Source: Hawaii State Department of Planning and Economic Development, The Performing Arts, 1985-1986 (Statistical Memorandum 87-1, February 25, 1987), table 2.

Table 243.-- RECREATIONAL FACILITIES AND RESOURCES, BY COUNTIES: 1985

Recreation area/facility	State total	Kauai	Honolulu	Maui	Hawaii
Recreation area:					
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
Aquatic:					
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 (in miles) .	56	11	34	6	5
Wild shoreline (in miles)	39	1	1	2	35
Nonstructured/land based:					
Camping sites	2,065	339	499	403	824
Public hunting (in acres)	1,282,458	102,517	26,032	192,804	961,105
Court, courses fields, and playgrounds:					
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
Trails:					
Hiking/equestrian (in miles)	1,112	206	78	167	661
Bikeways (in 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 244.-- PEAK-DAY RESIDENT AND VISITOR PARTICIPATION IN SPECIFIED RECREATION ACTIVITIES: 1980

[Based on a survey conducted in the late summer of 1978 and projections of resident population and average visitor census for 1980. The data refer to the day of the week on which the greatest combined participation by residents and visitors occurs for the specified activity]

Activity	Activity occasions ^{1/}		Percentage participation	
	State total	Oahu only	Residents	Visitors
All activities	986,430	737,417	--	--
Walking	240,434	191,201	23	31
Jogging	73,068	62,181	9	2
Hiking	15,709	10,413	2	2
Camping	20,809	16,130	3	1
Group camping	3,804	913	0	0
Picnicking	84,716	58,447	10	3
Hunting	1,502	234	0	0
Golf	15,681	11,714	2	2
Swim or sunbathing	171,525	123,616	16	26
Diving	20,875	13,483	2	3
Surfing	22,608	15,587	2	3
Boating	18,563	13,547	3	3
Canoe paddling	3,233	1,786	0	0
Fishing	24,875	17,322	3	1
Field games	32,404	27,065	4	0
Court games	19,070	15,891	2	0
Playground equipment	14,928	11,175	2	0
Tennis	18,106	12,749	2	2
Outdoor events	19,071	15,562	2	3
Bicycling	74,909	54,403	9	0
Motorcycling	8,722	6,719	1	1
Other activities	22,606	18,008	3	0
Sightseeing	59,212	39,271	3	18

^{1/} An activity occasion is a peak-day participation in that activity by a member of a resident household or visitor party.

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), pp. 32-34.

Table 245.-- NATIONAL PARKS: 1976 TO 1986

Year and area	Acreage, Dec. 31 <u>1/</u>			Visits <u>2/</u>
	Total	Federal	Non-federal	
1976	235,274	235,208	66	2,895,840
1977	235,274	235,208	66	2,932,555
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
AREAS: 1986				
Hawaii Volcanoes National Park ...	207,643	207,643	-	1,507,242
Haleakala National Park	27,350	27,350	-	1,304,330
Puuhonua o Honaunau National Historical Park	181	181	-	432,400
Kaloko-Honokohau National Historical Park	1,161	322	839	(<u>3/</u>)
Puukohola Heiau National Historic Site	100	34	66	56,424
U.S.S. Arizona Memorial <u>4/</u>	12	12	-	1,435,885
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. At the end of 1985, the NPS resurveyed vehicles at Hawaii Volcanoes, and found that what had in the past been a three to one ratio in the number of buses as compared to cars had reversed in favor of cars. Consequently, the multiplier factor used to count vehicles was adjusted downward from 5.7/vehicle to 2.39/vehicle for recreation visits and from 2.18/vehicle to 1.92/vehicle for non-recreation visits.

3/ Not yet open to the public.

4/ 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 246.-- STATE PARKS AND HISTORIC SITES: 1977 TO 1987

Year and island	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
1977	58	20,151	681.8	18,864
1978	64	20,295	706.8	15,966
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
ISLANDS: 1986				
Hawaii	18	1,364.8	280.4	4,894
Maui	12	318.2	56.3	3,771
Molokai	1	233.7	10.0	188
Oahu	32	9,164.6	392.5	4,491
Kauai	11	13,783.7	142.9	6,336
ISLANDS: 1987				
Hawaii	19	1,364.8	280.4	5,471
Maui	12	327.4	56.3	3,709
Molokai	1	233.7	10.0	184
Oahu	33	9,199.8	392.5	4,438
Kauai	11	13,783.7	142.9	6,266

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

Table 247.-- MAJOR STATE PARKS: 1986 AND 1987

[Parks having at least 800,000 recreation visits or 1,000 acres]

Park	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
	Total	Developed	
1986			
Wailua River State Park ^{1/}	1,125.9	50.4	3,114
Hapuna Beach State Recreation Area ...	61.1	20.0	1,270
Nuuanu Pali State Wayside	2.5	2.5	1,156
Old Kona Airport State Recreation Area	117.8	20.4	1,094
Waimea Canyon State Park	1,866.4	10.0	978
Kokee State Park	4,345.0	55.0	947
Iao Valley State Monument	6.2	5.9	800
Na Pali Coast State Park	6,175.0	4.0	51
Kahana Valley State Park	5,220.3	20.0	28
Sacred Falls State Park	1,374.2	10.0	25
1987			
Wailua River State Park ^{1/}	1,125.9	50.4	3,145
Hapuna Beach State Recreation Area ...	61.1	20.0	1,312
Nuuanu Pali State Wayside	2.5	2.5	1,172
Old Kona Airport State Recreation Area	117.8	20.4	1,020
Iao Valley State Monument	6.2	5.9	1,008
Waimea Canyon State Park	1,866.4	10.0	905
Kokee State Park	4,345.0	55.0	870
Wailuku River State Park	16.3	3.5	836
Sand Island State Recreation Area	140.0	83.0	832
Na Pali Coast State Park	6,175.0	4.0	62
Kahana Valley State Park	5,220.3	20.0	27
Sacred Falls State Park	1,374.2	10.0	21

^{1/} Seven separate areas in both 1986 and 1987.

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

Table 248.-- 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 249.-- COUNTY PARKS, BY ISLANDS:
1982 TO 1986

[As of December 31]

Subject	1982	1983	1984	1985	1986
Number, total	548	547	551	551	560
Hawaii	134	135	135	134	141
Maui	82	79	80	80	82
Lanai	2	3	3	3	3
Molokai	10	10	11	11	11
Oahu	264	264	266	266	266
Kauai	56	56	56	57	57
Acreage, total	8,177	8,238	8,248	8,222	8,227
Hawaii	1,445	1,460	1,463	1,434	1,424
Maui	921	899	899	899	905
Lanai	5	7	7	7	7
Molokai	51	51	54	54	54
Oahu	5,235	5,238	5,242	5,242	5,251
Kauai	520	583	583	586	586

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

Table 250.-- ZOOS: 1984 TO 1986

Subject and zoo	1984	1985	1986
Species: 1/			
Coco Palms (Kauai)	6	6	8
Honolulu Zoo	305	278	289
Maui Zoological & Botanical Gardens .	42	40	38
Molokai Ranch Wildlife Park	11	9	7
Panaewa Rainforest Zoo (Hilo)	52	53	53
Individuals: 1/			
Coco Palms (Kauai)	75	68	68
Honolulu Zoo	1,120	1,071	1,037
Maui Zoological & Botanical Gardens .	163	152	147
Molokai Ranch Wildlife Park	463	504	855
Panaewa Rainforest Zoo (Hilo)	173	182	160
Attendance:			
Coco Palms (Kauai)	3,331	5,423	6,142
Honolulu Zoo	703,535	782,866	801,418
Maui Zoological & Botanical Gardens .	87,000	80,000	80,000
Molokai Ranch Wildlife Park	3,000	4,500	8,029
Panaewa Rainforest Zoo (Hilo)	36,040	39,949	53,212

1/ Animal and bird inventory, December 31.

Source: Data obtained by Hawaii State Department of Planning 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 251.-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS,
FOR THE CITY AND COUNTY OF HONOLULU: 1986 AND 1987

[Years ended June 30]

Subject	1986	1987
Approximate attendance, total <u>1/</u> (1,000) .	14,801	16,975
Ala Moana	1,659	1,397
Waikiki	7,503	6,319
Hanauma Bay	2,038	3,564
Sandy Beach	491	741
Kailua	391	648
Waimea Bay	510	860
Makaha	462	742
Rescues	1,273	1,899
First aid: Minor	28,496	21,861
Major	823	1,173
Drownings	11	10

1/ Based on headcounts taken at approximately two-hour intervals by Water Safety Officers over an 8-hour work day. Data shown separately for beach areas over 500,000 in either 1986 or 1987.

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

Table 252.-- COUNTY TENNIS FACILITIES: 1983 TO 1986

[As of December 31]

Island	Locations				Courts			
	1983	1984	1985	1986	1983	1984	1985	1986
State total ...	86	88	89	89	259	265	271	274
Hawaii	21	21	21	20	45	45	45	44
Maui	12	12	12	12	32	32	34	34
Lanai	1	1	1	1	2	2	2	2
Molokai	1	1	1	1	2	2	2	2
Oahu	41	43	44	45	154	160	164	168
Kauai	10	10	10	10	24	24	24	24

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

Table 253.-- COUNTY GOLF COURSES AND CAMPING PERMITS, FOR OAHU:
1981 TO 1986

Calendar year	Public golf courses			Camping permits issued <u>1/</u>
	Courses	Holes	Rounds played	
1981	4	63	461,543	5,989
1982	4	63	447,782	6,412
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

1/ By the City and County of Honolulu.

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

Table 254.-- GOLF COURSES, BY ISLANDS: 1984

Island and type of operation	Number of courses				Number of holes
	Total	9-hole	18-hole	27-hole	
State total ..	57	12	44	1	927
Hawaii	11	2	9	-	180
Public 1/	4	2	2	-	54
Municipal	1	-	1	-	18
Resort	6	-	6	-	108
Maui	10	2	8	-	162
Private	1	1	-	-	9
Public 1/	1	1	-	-	9
Municipal	1	-	1	-	18
Resort	7	-	7	-	126
Lanai	1	1	-	-	9
Public 1/	1	1	-	-	9
Molokai	2	1	1	-	27
Public 1/	1	1	-	-	9
Resort	1	-	1	-	18
Oahu	28	5	23	-	459
Private	4	-	4	-	72
Public 1/	8	1	7	-	135
Municipal	4	1	3	-	63
Military	9	3	6	-	135
Resort	3	-	3	-	54
Kauai	5	1	3	1	90
Public 1/	1	1	-	-	9
Municipal	1	-	1	-	18
Resort	3	-	2	1	63

1/ Privately owned courses open to the public on daily-fee basis.

Source: Bill Gee, 1984 Hawaiian Golf Almanac (Hawaii Junior Golf Association), pp. 3 and 8.

Table 255.-- HAWAIIAN OPEN SCORES AND PURSES: 1982 TO 1987

[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	Winning score		Purse (dollars)	
	Total	Below par	Total	Winner
1982	277	11	325,000	58,500
1983	268	20	325,000	58,000
1984	*271	17	500,000	90,000
1985	267	21	500,000	90,000
1986	272	16	500,000	90,000
1987	*270	18	600,000	108,000

* Sudden-death playoff.

Source: Sunday Star-Bulletin and Advertiser, February 1, 1987, p. D-13; Honolulu Advertiser, February 9, 1987, p. F-1.

Table 256.-- FISHING AND HUNTING LICENSES ISSUED: 1982 TO 1987

[Years ended June 30]

Type of license	1982	1983	1984	1985	1986	1987
Freshwater game fishing ..	8,526	8,720	9,866	7,131	8,200	8,669
Hunting	11,935	11,959	12,107	12,599	12,776	12,748

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

Table 257.-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES,
BY ISLANDS: FEBRUARY 1986

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	61	1,026.2	6	256.0	11	80.6
Hawaii	26	727.9	-	-	4	79.5
Maui	7	102.5	-	-	2	0.1
Lanai	1	35.6	-	-	-	-
Molokai	3	27.5	1	0.0	-	-
Oahu	13	26.0	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 258. -- FISHING AND HUNTING CHARACTERISTICS OF PERSONS 16 YEARS AND OVER, BY RESIDENT STATUS: 1980

Activity and characteristic	Resident in-State	Nonresident in-State	Resident out-of-State
FISHING			
Participants	153,200	90,700	15,100
Freshwater	16,400	13,100	8,600
Saltwater	149,400	90,000	7,500
Deep sea	25,900	37,400	500
Surf and shore	132,300	46,300	3,100
Sounds, bays, tidal inlets, streams ..	4,400	6,900	5,100
Participants as percent of population	21.7	(X)	2.1
Days of participation	3,017,900	257,700	242,700
Per fisherman	19.7	2.8	16.1
HUNTING			
Participants	17,300	11,100	3,300
Deer	2,400	-	900
Wild turkey	1,800	-	400
Feral goat	9,100	5,700	-
Feral sheep	3,900	-	-
Feral pigs	10,600	4,900	-
Quail	3,500	9,900	500
Pheasant	7,500	9,900	400
Partridge	2,700	-	400
Migratory birds	2,300	5,500	200
Participants as percent of population	2.4	(X)	0.5
Days of participation	301,800	40,100	34,700
Per hunter	17.4	3.6	10.6

X Not applicable.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, 1980 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, Hawaii.

Table 259.-- WATER RECREATION FACILITIES AND RESOURCES, BY ISLANDS: 1986

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 .	1,365	690	184.9	24.4	1,600
Hawaii	29	307	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	1,198	167	50.3	12.5	594
Kauai	54	41	41.2	2.8	330

1/ As of December 31, 1986.

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 260.-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES AND WINNING TIMES: 1977 TO 1987

[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
1977	66	8:11:01:45	8:11:29:24
1979	80	11:18:01:04	11:14:42:51
1981	70	8:11:02:31	7:21:44:48
1983 1/ ...	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

1/ 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. 470, 497-498, 521-522, 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, and July 19, 1985, p. G-3; 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 261.-- YACHT RACING EXPENDITURES IN HAWAII, FOR
MAJOR RACES: 1984 AND 1985

[\$1,000. All four races are sailed at biennial intervals]

Category	2-year total	Trans- pac: 1985 <u>1/</u>	Victoria- Maui: 1984 <u>2/</u>	Kenwood Cup: 1984 <u>3/</u>	Pacific Cup: 1984 <u>4/</u>
Total expenditures	10,909	2,365	2,237	13,264	1,043
Direct expenditures	10,867	1,359	1,286	7,623	599
Administrative costs	639	15	12	607	5
Yacht services <u>5/</u>	1,345	259	97	926	62
Miscellaneous expend. <u>6/</u> .	8,883	1,085	1,176	6,090	532
Indirect expenditures <u>7/</u> ...	8,042	1,006	951	5,641	444

1/ Transpacific Yacht Race, Los Angeles to Honolulu. First sailed 1906.

2/ Victoria, B.C., to Lahaina, Maui. First sailed 1965.

3/ Around the State. First sailed, as Royal Hawaiian Cup, in 1972; as Clipper Cup, 1978; as Hawaii International Ocean Racing Series (Kenwood Cup) after 1984.

4/ San Francisco to Nawiliwili, Kauai. First sailed 1980.

5/ Provisions, yacht delivery, etc.

6/ By crew members, family members, and associates.

7/ Secondary and tertiary effects that the races have on the State's economy.

Source: Mike Markrich, Yacht Racing Expenditures in Hawaii (University of Hawaii Sea Grant College Program and DPED Ocean Resources Branch, June 1986).

Table 262.-- TRIATHLON, OCEAN SWIM, AND BIATHLON EXPENDITURES,
BY TYPE: 1985

Type of event	Events	Expenditures (\$1,000)			
		Direct and in-direct	Direct <u>1/</u>		Indirect <u>2/</u>
			Total	Race organization	
Total	35	9,522	5,566	1,015	3,956
Triathlons	13	9,264	5,324	960	3,940
Ironman <u>3/</u>	1	7,533	4,329	825	3,204
Others	12	1,731	995	135	736
Ocean swims	13	236	220	34	16
Biathlons	9	22	22	22	-

1/ Includes race organization expenditures, athletes' and dependents' living expenses, athletes' race-related expenditures, and media expenses.

2/ Secondary and tertiary expenditure effects on State's economy.

3/ Bud Light Ironman Triathlon World Championship.

Source: Mike Markrich, Triathlons, Ocean Swims, and Biathlons in Hawaii, Expenditures for 1985 (University of Hawaii Sea Grant College Program and Ocean Resources Branch, Hawaii State Department of Planning and Economic Development, September 1986).

Table 263.-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP REGISTRANTS,
FINISHERS, AND WINNING TIMES: 1978 TO 1987

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

Source: Bud Light Ironman Triathlon World Championship, February 19, 1987, and records.

Table 264.-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND
WINNING TIMES: 1982 TO 1987

Year	Number of registrants	Number of finishers	Winning time (hr., min., sec.)	
			Men	Women
1982	12,275	10,023	2:15:30	2:41:10
1983	10,847	8,434	2:20:18	2:41:25
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

Source: Honolulu Marathon Association, records.

Table 265.-- PROFESSIONAL BASEBALL (HAWAII ISLANDERS): 1985 TO 1987

[The Hawaii Islanders were members of the Pacific Coast League for 27 seasons. They played their first league game April 20, 1961 and their final game September 1, 1987].

Season	Games						Home dates	
	Number played	Won	Lost	Tied	Percent won	Ahead or behind	Number	Attendance
1985:								
First half	71	42	29	-	.592	+4.5	32	50,885
Second half ...	72	42	30	-	.583	-1	30	83,979
Div. playoffs .	3	-	3	-	.000	-3	1	2,281
1986:								
First half	72	32	40	-	.444	-11.5	32	40,561
Second half ...	72	33	39	-	.458	-11	28	44,100
1987:								
First half ...	71	34	36	1	.486	-9	29	57,929
Second half ..	71	31	39	1	.443	-6	32	58,178

Source: Ferd Borsch, Hawaii Islanders scorer, records.

Table 266.-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:
1982-1983 TO 1986-1987 SEASONS

Bowl	1982-1983	1983-1984	1984-1985	1985-1986	1986-1987
Aloha Bowl	30,002	37,212	37,996	30,574	20,666
Hula Bowl	39,456	26,829	25,890	20,943	17,775
Pro Bowl	49,883	47,482	48,124	47,906	46,799

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

Table 267.-- VARSITY SPORTS AT THE UNIVERSITY OF HAWAII-MANOA:
1980-1981 TO 1986-1987

[Data limited to games played against four-year collegiate teams]

Sport and school year	All games			Home games	
	Won	Lost	Tied	Home dates	Attendance
Baseball: 1/					
1980-1981	50	16	-	38	40,972
1981-1982	59	17	-	42	63,846
1982-1983	47	20	-	36	51,133
1983-1984	48	22	1	42	104,177
1984-1985	56	31	-	61	106,526
1985-1986	43	24	-	42	114,367
1986-1987	45	19	-	42	105,646
Basketball: 2/					
1980-1981	14	13	-	18	83,785
1981-1982	17	10	-	19	73,869
1982-1983	17	11	-	18	72,343
1983-1984	12	16	-	16	59,239
1984-1985	10	18	-	19	75,070
1985-1986	4	24	-	18	51,484
1986-1987	7	21	-	17	49,514
Football:					
1980-1981	8	3	-	8	342,862
1981-1982	9	2	-	8	340,261
1982-1983	6	5	-	8	336,193
1983-1984	5	5	1	8	339,138
1984-1985	7	4	-	9	411,884
1985-1986	4	6	2	8	359,042
1986-1987	7	5	-	8	359,242

1/ Including the Rainbow Easter Tournament and post-season play.

2/ Including the Rainbow Classic.

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

Table 268.-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:
1986-1987 SEASON

Sport	Players	Games <u>1/</u>	Attendance	Expenditure <u>2/</u> (dollars)
Baseball ..	Boys	356	65,435	192,435
Basketball	Boys and girls	872	128,212	412,869
Football ..	Boys	252	354,465	602,115

1/ Junior varsity and varsity games, based on published schedules of sports 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 269.-- 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 270.-- PROFESSIONAL BOXING: 1969 TO 1986

Year	Number of promoters	Number of shows	Paid attendance	Gross receipts (dollars)
1969 ...	2	35	160,539	810,287.75
1970 ...	1	23	89,342	429,647.50
1971 ...	1	22	107,940	589,369.75
1972 ...	3	30	109,835	766,117.50
1973 ...	3	27	86,549	727,970.25
1974 ...	2	22	70,050	468,019.00
1975 ...	2	21	63,684	358,960.75
1976 ...	3	15	36,530	260,971.50
1977 ...	1	12	49,975	270,345.75
1978 ...	1	8	38,374	280,661.00
1979 ...	3	20	69,956	504,699.50
1980 ...	3	21	57,672	419,460.00
1981 ...	4	20	54,476	422,790.50
1982 ...	2	8	9,713	86,128.00
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

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

Table 271.-- DOG LICENSES ISSUED, BY ISLANDS: 1981 TO 1986

[Dogs are licensed on a biennial basis]

Year	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
1981	46,706	5,532	4,349	140	393	35,081	1,211
1982	25,617	1,682	1,500	32	62	20,845	1,496
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

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