

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 5,800,000 visitors stayed overnight or longer in Hawaii during 1987, compared with 3,434,000 in 1977 and only 1,125,000 in 1967. The average number present at any given time during 1987 was 134,000. Total visitor expenditures (exclusive of trans-Pacific fares) in 1987 amounted to \$6.6 billion, compared with \$1.8 billion a decade earlier. The 1987 visitor total included 3.7 million from other States, 242,000 from Canada, and 1,161,000 from Japan. Expenditures per visitor day in 1987 averaged \$102 for westbound visitors and \$367 for the Japanese. Visitor-related spending in 1986 resulted in tax revenues of \$657 million and generated 196,000 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, 561 county parks, 56 golf courses, 278 public tennis courts, 2,027 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 1987 included Waikiki Beach, Hanauma Bay, the National Memorial Cemetery of the Pacific, and Wailua River State Park. Total visits to 61 museums, State monuments, zoos, and similar attractions in 1987 numbered 17.8 million. Almost 400,000 Hawaii residents traveled to the Mainland in 1987. Twelve theatrical groups on Oahu reported 1,354 performances of 439 productions for the 1986-1987 season, with a combined audience of 875,000. During the same season, the Honolulu Symphony Orchestra gave 85 concerts, with a total attendance of 140,000. During the 1987-1988 school year, attendance at UH-Manoa varsity baseball, basketball, football and volleyball home games was 577,000.

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: 1988.

Table 193.-- PASSENGERS ARRIVING, BY DIRECTION OF TRAVEL AND TRANSIT
STATUS: 1978 TO 1987

Direction and status	1978	1979	1980	1981	1982
All directions ..	4,784,561	5,291,333	5,380,383	5,305,809	5,580,240
Landing	3,898,864	4,144,183	4,172,640	4,211,250	4,582,020
Intransit	885,697	1,147,150	1,207,743	1,094,559	998,220
Westbound <u>1</u> /	3,664,351	3,839,041	3,861,059	3,780,383	4,078,360
Landing	3,227,409	3,292,928	3,257,853	3,223,653	3,589,625
Intransit	436,942	546,113	603,206	556,730	488,735
Eastbound <u>2</u> /	1,120,210	1,452,292	1,519,324	1,525,426	1,501,880
Landing	671,455	851,255	914,787	987,597	992,390
Intransit	448,755	601,037	604,537	537,829	509,490
Direction and status	1983	1984	1985	1986	1987
All directions ..	5,546,540	6,107,730	6,314,290	7,063,710	7,324,280
Landing	4,653,450	5,242,770	5,338,170	6,068,990	6,248,550
Intransit	893,090	864,960	976,120	994,720	1,075,730
Westbound <u>1</u> /	4,098,720	4,543,890	4,675,690	5,245,690	5,214,520
Landing	3,654,560	4,082,070	4,137,830	4,689,480	4,617,230
Intransit	444,160	461,820	537,860	556,210	597,290
Eastbound <u>2</u> /	1,447,820	1,563,840	1,638,600	1,818,020	2,109,760
Landing	998,890	1,160,700	1,200,340	1,379,510	1,631,320
Intransit	448,930	403,140	438,260	438,510	478,440

1/ Arriving from North America.

2/ Arriving from Asia or Oceania.

Source: Hawaii Visitors Bureau, 1987 Westbound Visitors to Hawaii, p. 5.

Table 194.-- U.S. RESIDENTS 18 YEARS AND OLDER
WHO HAVE LIVED IN OR VISITED HAWAII: 1987

Subject	Amount
Number (millions)	39.6
Percent	22
Rank (among 50 States)	49

Source: Market Facts, Inc., 1987, cited in Timothy Q. Rounds, "Where In the World Have You Been?," American Demographics, May 1988, pp. 30-33. Based on a sample survey of 3,148 persons.

Table 195.-- VISITOR ARRIVALS, BY BROAD TIME PERIODS: 1921 TO 1987

[In thousands. Limited to visitors staying overnight or longer; excludes ship and aircraft officers and crews, armed forces arriving aboard army and navy ships and aircraft, and passengers making brief layovers]

Subject	1921- 1941	1942- 1945	1946- 1959	1960- 1969	1970- 1979	1980- 1987
Visitor arrivals	374	-	1,268	7,460	28,341	37,627
Annual average	18	-	91	746	2,834	4,703
Cumulative since 1921 ^{1/} ...	374	374	1,642	9,102	37,443	75,070

^{1/} Systematic collection of visitor statistics was begun in 1921. Rough estimates based on fragmentary information suggest that perhaps 180,000 visitors arrived during the 120-year period before 1921.

Source: The State of Hawaii Data Book 1986, tables 201 and 203; present volume, table 198.

Table 196.-- RESIDENCE STATUS OF WESTBOUND PASSENGERS ARRIVING
IN HAWAII: 1982 TO 1987

[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		
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
1987 ...	5,214,520	3,868,880	335,130	597,290	398,580	14,640

Source: Hawaii Visitors Bureau, Market Research Department.

Table 197.-- WESTBOUND PARTIES, BY VISITOR STATUS:
1986 AND 1987

Year	All surveyed parties	Visitors destined --		Returning residents	Intended residents
		To Hawaii	Beyond Hawaii		
1986 ..	2,625,310	2,124,390	204,100	284,020	12,800
1987 ..	2,626,140	2,133,280	208,410	275,590	8,860

Source: Hawaii Visitors Bureau, 1987 Westbound Visitors to Hawaii, p. 8.

Table 198.-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS: 1964 TO 1987

[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

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 199.-- RESIDENCE OF OVERNIGHT AND LONGER VISITORS TO HAWAII:
1984 TO 1987

[Approximate figures, in thousands]

Place of residence	1984	1985	1986	1987
Total	4,856	4,884	5,607	5,800
United States	3,168	3,200	3,739	3,669
Foreign	1,688	1,684	1,868	2,131
Asia	924	986	1,083	1,313
Japan	816	855	944	1,161
Other Asia	108	131	139	152
Canada	330	279	282	242
Europe	63	59	99	171
United Kingdom	36	31	49	66
West Germany	18	19	30	63
Other Europe	9	9	20	42
Oceania and South Pacific	334	323	360	373
Australia	210	204	219	218
New Zealand	76	78	98	117
Other South Pacific	48	41	43	38
Other foreign	37	37	44	32

Source: Hawaii Visitors Bureau, tabular release dated March 1988.

Table 200.-- VISITOR DAYS, BY DIRECTION OF TRAVEL:
1986 AND 1987

Year	Total	Westbound	Eastbound and northbound ^{1/}
1986	48,512,670	43,110,310	5,402,360
1987	49,010,010	42,626,730	6,383,280

^{1/} Approximate totals, based on 4-day average length of stay.

Source: Hawaii Visitors Bureau, 1987 Westbound Visitors to Hawaii, p. 6.

Table 201.-- WESTBOUND VISITOR ARRIVALS, BY COUNTIES VISITED:
1982 TO 1987

[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
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
1987 ...	4,204,010	3,078,500	782,550	1,032,840	1,908,780

^{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 202.-- AVERAGE VISITOR CENSUS, BY COUNTIES: 1982 TO 1987

[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
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
1987 ...	134,270	74,660	10,210	15,510	33,890

Source: Hawaii Visitors Bureau, release dated March 1988 and records.

Table 203.-- SUMMARY CHARACTERISTICS OF WESTBOUND VISITORS TO HAWAII:
1977 TO 1987

[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				
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
1987	46.1	29.1	825	40.5	62.5	1.81
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)
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
1987	27.6	50.0	81.1	57.1	10.5	69.0

Footnotes and source on next page.

Table 203.-- SUMMARY CHARACTERISTICS OF WESTBOUND VISITORS TO HAWAII:
1977 TO 1987 -- 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 1977-1987 and records.

Table 204.-- 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, forthcoming report.

Table 205.-- DEMOGRAPHIC CHARACTERISTICS OF WESTBOUND VISITORS
TO AND BEYOND HAWAII: 1986 AND 1987

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1986	1987	1986	1987
All visitors	3,915,770	3,868,880	340,620	335,130
Age:				
Under 10 years	116,400	95,290	22,890	16,040
10 to 19 years	286,700	271,070	27,920	25,740
20 to 29 years	672,920	649,370	66,880	70,510
30 to 39 years	810,010	768,900	67,330	59,900
40 to 49 years	707,630	735,610	54,160	54,180
50 to 59 years	554,330	544,000	38,400	39,520
60 years and over	582,720	573,820	31,260	35,160
Age not reported	185,060	230,820	31,780	34,080
Sex:				
Male	1,775,170	1,748,950	185,500	181,100
Female	2,140,600	2,119,930	155,120	154,030
Residence (census divisions):				
Pacific	1,490,470	1,506,270	16,380	15,000
Alaska	33,010	50,450	450	780
California	1,167,210	1,124,570	12,830	11,830
Oregon	91,930	105,860	930	620
Washington	198,320	225,390	2,170	1,770
Mountain	279,590	276,430	3,710	3,240
West North Central	229,280	211,560	3,140	3,000
West South Central	239,820	205,260	4,220	4,040
East North Central	457,560	431,810	6,950	6,100
East South Central	83,460	87,680	1,520	1,860
New England	138,500	143,330	3,440	3,820
Middle Atlantic	355,280	345,850	10,370	8,710
South Atlantic	312,350	314,470	9,860	9,400
U.S. territories	400	410	2,540	2,260
Canada	247,140	212,650	4,910	3,400
Other foreign	81,690	133,160	273,540	274,300
Residence not reported	230	-	40	-

Source: Hawaii Visitors Bureau, 1987 Westbound Visitors to Hawaii, pp. 10-13.

Table 206.-- TRIP CHARACTERISTICS OF WESTBOUND VISITORS
TO AND BEYOND HAWAII: 1986 AND 1987

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1986	1987	1986	1987
All visitors	3,915,770	3,868,880	340,620	335,130
Purpose of trip:				
Pleasure	3,202,700	3,150,120	283,410	286,380
Business	82,760	88,990	12,640	11,500
Business and pleasure	391,490	379,200	25,810	21,180
Government and military	19,650	19,360	4,750	3,670
Visiting relatives	94,870	110,710	5,210	5,130
Attend school	1,690	1,700	340	230
Convention	92,550	94,140	2,760	2,230
Other	9,170	7,730	2,020	960
Purpose not reported	20,890	16,930	3,680	3,850
Traveler status:				
Organized tour group	576,320	503,350	49,810	51,310
Individual basis	3,005,870	3,073,600	271,410	269,140
Incentive	212,750	189,230	6,670	5,450
Government/military	19,790	19,640	4,760	3,670
No answer	101,040	83,060	7,970	5,560
Intended accommodations:				
Hotel	2,184,010	2,207,300	269,590	266,310
Condominium	868,900	821,860	34,160	31,570
Hotel and condominium	418,900	398,270	10,470	9,960
Friend's or relative's home ..	293,670	295,830	18,810	17,750
Other accommodations	146,130	140,830	6,440	7,600
Not reported	4,160	4,790	1,150	1,940

Source: Hawaii Visitors Bureau, 1987 Westbound Visitors to Hawaii, pp. 7, 19, and 20.

Table 207.-- INTENDED LENGTH OF STAY OF WESTBOUND VISITORS
TO AND BEYOND HAWAII: 1985 TO 1987

[Data limited to visitors staying overnight or longer]

Destination and length of stay	1985	1986	1987
VISITORS TO HAWAII			
Total	3,386,530	3,915,770	3,868,880
2 to 6 days	261,880	348,680	347,740
7 to 12 days	2,294,890	2,672,040	2,646,440
13 to 18 days	658,750	710,750	685,400
19 to 24 days	89,140	95,990	100,330
25 to 30 days	39,480	44,860	45,440
31 to 60 days	38,100	36,700	38,160
61 to 90 days	3,680	5,230	4,120
91 to 365 days	610	1,520	1,250
Median (days)	10.2	10.1	10.1
VISITORS BEYOND HAWAII			
Total	322,080	340,620	335,130
2 days	26,410	28,160	26,420
3 days	70,840	68,680	66,850
4 to 6 days	152,470	165,410	161,890
7 to 12 days	60,540	65,120	65,080
13 to 365 days	11,820	13,250	14,890
Median (days)	4.8	4.8	4.9

Source: Hawaii Visitors Bureau, 1986 Annual Research Report, p. 14,
and 1987 Westbound Visitors to Hawaii, p. 14.

Table 208.-- CHARACTERISTICS OF WESTBOUND VISITOR PARTY
HEADS TO AND BEYOND HAWAII: 1986 AND 1987

[Data limited to visitors staying overnight or longer]

Subject	Visitors to Hawaii		Visitors beyond Hawaii	
	1986	1987	1986	1987
All party heads	2,124,390	2,133,280	204,100	208,410
Occupation:				
Professional and technical ...	784,400	789,990	63,980	62,260
Business, managerial, official	529,930	522,180	63,130	59,840
Clerical, office, sales	193,710	194,020	16,860	16,270
Military service	23,570	22,550	4,120	2,940
Other employed	126,200	131,760	11,490	13,420
Military dependent	4,410	3,580	300	280
Retired	288,280	291,870	16,370	18,940
Student	93,410	93,540	17,070	22,470
Other non-employed	49,030	49,750	6,760	7,390
Not reported	31,450	34,040	4,020	4,600
Trips to Hawaii:				
First trip	997,550	984,100	97,700	104,500
Second trip	378,880	376,570	36,970	36,200
Third trip	183,600	189,330	15,610	14,850
Fourth trip and over	403,600	419,750	34,720	33,240
Not reported	160,760	163,530	19,100	19,620
Persons in party:				
1 person	750,460	761,710	118,710	121,180
2 persons	1,143,070	1,164,790	58,530	65,660
3 persons	100,360	92,370	9,930	8,570
4 persons	91,930	83,580	11,550	9,010
5 persons or more	38,570	30,830	5,380	3,990
Average size	1.84	1.81	1.67	1.61

Source: Hawaii Visitors Bureau, 1987 Westbound Visitors to Hawaii, pp. 9, 21, and 22, and records.

Table 209.-- 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	22.2	28.9	31.6	34.8
\$50,000 to \$74,999	(NA)	(NA)	(NA)	21.4
\$75,000 and over	(NA)	(NA)	(NA)	13.4
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)

NA Not available.

Z Less than 0.05 percent.

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

Table 210.-- CHARACTERISTICS OF JAPANESE VISITORS TO HAWAII: 1987

[Based on a sample of 1,776 Japanese overnight and longer visitors interviewed at Honolulu International Airport while awaiting departure]

Subject	Amount
Median age (years)	34.0
Female (percent)	55.7
Married (percent)	70.4
Attended college (percent)	54.2
Occupation:	
Professional, technical	24.0
Business, managerial, official	19.5
Household income (million yen)	5.3
Repeat visitors (percent)	32.1
Median length of stay (days)	5.8
Organized tour group/package (percent)	70.3
Average party size	2.5
Islands visited, including day trips (percent):	
Oahu	94.8
Maui	26.7
Kauai	18.4
Big Island	11.2
Molokai	1.4
Types of purchases (percent):	
Liquor	82.8
Candy	80.1
Clothing	65.2
Expenditure (dollars)	
Per person per day	366.63
Per party, entire trip	3,943

Source: Hawaii Visitors Bureau, Study of Japanese Visitors to Hawaii 1987 (March 1988).

Table 211.-- MEETINGS AND CONVENTIONS: 1982 TO 1987

Year	No. of meetings held	Estimated attendance	Estimated guest rooms	Estimated revenue (\$1,000)
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
1987	903	317,101	126,181	300,721

NA Not available.

Source: Hawaii Visitors Bureau, Meetings and Conventions Department.

Table 212.-- MEETINGS AND CONVENTIONS, BY ISLANDS: 1986 AND 1987

Island	Number of meetings held		Estimated attendance	
	1986	1987	1986	1987
State total <u>1/</u>	810	903	250,703	317,101
Hawaii:				
Hilo	7	15	1,187	4,446
Kona	76	91	18,248	22,646
Maui	268	248	48,859	48,356
Molokai	2	7	67	643
Oahu	404	485	171,893	227,304
Kauai	53	57	10,449	13,706

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 213. -- 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 214.-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1931-1932 TO 1987

[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	(NA)
1974	46.20	123.00	1987	102.49	366.63

NA Not available.

1/ Oahu only.

Source: Hawaii Visitors Bureau, 1983 Visitor Expenditure Survey (1985), p. 31, 1987 Visitor Expenditure Survey (1988), p. 43, and Study of Japanese Visitors to Hawaii 1987 (March 1988), p. 28.

Table 215.-- EXPENDITURES PER VISITOR DAY BY WESTBOUND VISITORS,
BY EXPENDITURE TYPE: 1986 AND 1987

[In dollars. Excludes transpacific travel costs]

Expenditure type	1986	1987		
		State-wide	On Oahu	On the Neighbor Islands
All items	95.40	102.49	99.05	125.58
Food and beverage	22.00	22.51	22.31	23.81
Restaurants	15.37	15.92	15.41	18.53
Dinner shows	2.28	2.39	2.87	1.01
Nightclubs	1.80	1.80	1.88	1.60
Groceries	2.55	2.40	2.15	2.67
Entertainment	7.74	7.00	6.96	7.62
Attractions	6.34	5.83	6.10	5.66
Other	1.40	1.17	0.86	1.96
Transportation	6.99	11.28	8.20	28.88
Ground transportation	1.01	0.80	0.85	0.67
U-drive	2.87	3.14	2.37	5.42
Interisland travel	1.90	4.48	1.92	18.87
Sightseeing tours	1.21	2.86	3.06	3.92
Clothing	8.06	8.28	8.95	6.43
Gifts and souvenirs	8.21	8.62	8.70	7.15
Lodging	36.60	38.47	37.62	45.37
All other	4.10	4.03	3.96	4.30
Adjustment <u>1/</u>	1.70	2.30	2.35	2.02

1/ Estimated amount of underreporting for listed categories.

Source: Hawaii Visitors Bureau, 1987 Visitor Expenditure Survey (1988), pp. 11 and 13, as corrected.

Table 216.-- EXPENDITURES PER VISITOR DAY BY WESTBOUND VISITORS, BY VISITOR OR TRIP CHARACTERISTICS: 1987

Visitor or trip characteristics	Dollars	Visitor or trip characteristics	Dollars
All westbound visitors	102.49	Previous visits:	
Group tour:		First trip	102.99
Organized tour group	101.90	Repeat visitors	101.30
Individually arranged	103.23	Party size:	
Accommodations:		1 person	132.99
Hotel only	104.60	2 persons	98.26
Condo only	90.90	3 persons	97.08
Guests of friends, relatives	43.57	4 persons or more	77.72
Hotel/condo combination ..	97.48	Purpose of trip:	
Length of stay:		Pleasure	102.87
1 to 6 days	117.71	Business	*131.50
7 to 12 days	100.94	Business/pleasure	*87.82
13 to 18 days	105.72	Government/military	*70.47
19 days or longer	87.98	Visiting relatives	76.70
Residence: ^{1/}		Convention	*140.57
Pacific	92.85	Other	*119.48
Mountain	97.22	Time of year:	
W.N. Central	90.78	First quarter	95.50
W.S. Central	107.82	Second quarter	95.53
E.N. Central	103.53	Third quarter	110.00
E.S. Central	108.80	Fourth quarter	108.90
New England	124.82	Children in party:	
Mid Atlantic	114.61	Yes	82.66
S. Atlantic	102.78	No	103.82
Canada	*74.97		
Other foreign	*122.13		

* Sample under 25; subject to considerable sampling variation.

^{1/} Census divisions; see source, p. 6.

Source: Hawaii Visitors Bureau, 1987 Visitor Expenditure Survey (1988), pp. 15-35.

Table 217.-- PER DIEM COST OF BUSINESS TRAVEL TO HONOLULU: 1987

[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	171.96	109.1	20
Food	<u>2/</u> 61.46	132.7	3
Lodging	64.50	101.3	36
Car rental	46.00	96.5	66

NA Not available.

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

2/ Breakfast, \$10.81; lunch, \$14.03; dinner, \$26.76; tax and 15 percent tip, \$9.86.

Source: "1988 Corporate Travel Index," Corporate Travel, April 1988, pp. 30-43 and underlying data, as corrected.

Table 218.-- ESTIMATED EXPENDITURES BY JAPANESE VISITORS TO HAWAII:
1980 TO 1987

Year	Japanese visitors (1,000)	Japanese visitor expenditures (million dollars)	Japanese as percent of total	
			Visitors	Visitor expenditures
1980	658	527	16.7	18.3
1981	690	696	17.5	21.8
1982	715	788	16.9	21.3
1983	729	862	16.7	21.7
1984	816	957	16.8	20.9
1985	855	1,031	17.5	21.0
1986	944	1,694	16.8	30.8
1987 <u>1/</u>	1,161	2,000	20.0	31.2

1/ Preliminary.

Source: Hawaii Visitors Bureau, Study of Japanese Visitors to Hawaii 1987 (March 1988).

Table 219.-- ESTIMATED EXPENDITURES BY VISITORS TO HAWAII, BY
COUNTIES: 1970 TO 1987

[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
1987 <u>1/</u> ...	6,600	4,370	2,229.6	381.8	580.1	1,267.7

1/ Preliminary estimate.

Source: Hawaii Visitors Bureau, "Neighbor Island Statistics," tabular release dated March 1988.

Table 220.-- 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 221.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 1970 TO 1987

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
1987	7,250.0	12,028.3	4,455.2	<u>3/</u> 831.0	213.3

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

2/ Direct, indirect, and induced.

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

Source: Hawaii State Department of Planning and Economic Development, The Economic Impact of Tourism in Hawaii: 1970 to 1980, Research Report 1983-2 (April 1983), and revised 1970-1987 estimates based on the DBED Input-Output Model.

Table 222.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES,
BY INDUSTRY: 1987

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	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 4/	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 4/	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	-	-	-	-

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 223.-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES:
1968 TO 1987

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 ..	p119.5	73.20	364.00	46.95	111.4	99.8	109.4
1987 ..	p125.0	80.09	486.00	48.95	115.4	102.5	114.9

P Preliminary.

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

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 224.-- HAWAII VISITORS BUREAU INCOME AND EXPENDITURES: 1982 TO 1987

[In dollars. Years ended June 30]

Year	Income				Expenditures
	Total	State appropriations <u>1/</u>	Private subscriptions	Other <u>2/</u>	
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
1987	8,652,826	7,069,391	1,242,111	341,324	8,652,487

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 225.-- PASSPORTS ISSUED, BY FIRST AREA DESTINATION: 1983 TO 1987

Category and first area destination	1983	1984	1985	1986	1987
By Honolulu Passport Agency <u>1/</u>	41,446	52,250	56,140	43,731	47,979
To Hawaii residents, total <u>2/</u>	30,040	(NA)	(NA)	(NA)	(NA)
Europe	15,720	(NA)	(NA)	(NA)	(NA)
Far East	7,250	(NA)	(NA)	(NA)	(NA)
Australia and Oceania	5,580	(NA)	(NA)	(NA)	(NA)
All other areas	1,490	(NA)	(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 226.-- CHARACTERISTICS OF RESIDENTS RETURNING FROM THE MAINLAND: 1982 TO 1987

Year	Number returning	Oahu residents ^{1/} (percent)	Median age (years)	Males per 100 females	Persons per party
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
1987	398,580	79.6	41.7	96.4	1.45
	Party heads with high-status occupations ^{2/} as percent of--		Days absent		
Year	All party heads	Employed civilian party heads	Median	Mean	Average number absent ^{3/}
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
1987	56.2	81.7	10.7	13.1	14,036

^{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 227.-- NUMBER OF WESTBOUND RETURNING RESIDENTS AND
AVERAGE ABSENCE-DAYS, BY PORT OF DEPARTURE: 1987

Port of departure	Number returning	Reporting absence of 1-90 days <u>1/</u>	
		Persons	Average absence (days)
All returning residents	398,580	390,573	13.0
Los Angeles	102,377	100,211	13.4
San Francisco	100,182	98,635	12.9
Other/Los Angeles <u>2/</u>	41,845	40,942	12.7
New York/Los Angeles	28,485	27,938	14.3
Las Vegas	28,860	27,927	4.9
Chicago	16,904	16,618	15.1
Seattle	22,785	22,325	14.6
Dallas	11,891	11,626	14.8
Other	45,251	44,351	14.8

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 228.-- INTERISLAND, MAINLAND, AND FOREIGN ROUND TRIPS BY ADULT HAWAII RESIDENTS DURING THE PAST 12 MONTHS: MAY 12-19, 1988

Number of trips	Percent of residents
INTERISLAND TRIPS	
All adult residents	100
None	42
1 or 2	30
3 to 5	14
6 to 10	9
11 or more	5
Average number of trips	3.3
MAINLAND ROUND TRIPS	
All adult residents	100
None	49
1	27
2 to 5	21
6 or more	3
Average number of trips	1.1
FOREIGN ROUND TRIPS	
All adult residents	100
None	83
1	11
2 or more	6
Average number of trips	0.3

Source: Omnitrak Research and Marketing Group, Inc., survey of 600 adult residents cited in Honolulu Star-Bulletin, May 31, 1988, p. C-1, June 7, 1988, p. C-1, and June 14, 1988, p. B-1.

Table 229.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1985 TO 1987

[Calendar year data unless otherwise specified. Some 1985 and 1986
data have been revised]

Island and cultural attraction	1985	1986	1987
State total	14,648,033	15,253,063	17,771,900
Oahu	12,103,468	12,537,400	12,984,268
Bernice P. Bishop Museum <u>1/</u>	257,760	278,083	246,113
Contemporary Arts Center	27,000	25,500	26,700
Damien Museum and Archives <u>2/</u>	-	10,618	8,814
Dole Cannery tours <u>3/</u>	138,860	154,964	160,000
Foster Botanic Garden	61,676	62,472	59,352
Fred Ohrt Museum	3,880	3,593	5,221
Hawaii Maritime Center <u>4/</u>	45,000	105,000	100,000
Honolulu Academy of Arts <u>5/</u>	274,950	280,842	258,789
Honolulu Zoo	782,866	801,418	758,485
Hoomaluhia Park	42,696	49,278	55,265
Iolani Palace State Monument <u>1/</u>	71,000	72,000	76,000
Kodak Hula Show	460,000	(NA)	(NA)
Mission Houses Museum <u>6/</u>	14,100	16,000	18,221
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center)	240,065	216,995	239,698
National Memorial Cemetery of the Pacific	4,453,063	5,122,003	5,343,973
Pacific Submarine Museum <u>7/</u>	45,000	40,000	20,000
Paradise Cove	242,239	239,767	307,603
Paradise Park	272,592	225,153	258,208
Polynesian Cultural Center	1,029,000	870,000	1,001,708
Puu o Mahuka Heiau State Monument <u>1/</u>	11,000	11,000	9,000
Queen Emma Summer Palace	16,732	26,298	18,209
Royal Mausoleum State Monument <u>1/</u>	74,000	76,000	77,000
Sea Life Park	655,000	684,530	758,978
Tennent Art Foundation Gallery	3,000	(NA)	(NA)
Tropic Lightning Museum	8,700	9,100	7,000
Ulu Po Heiau State Monument <u>1/</u>	6,000	5,000	4,000
U.S. Army Museum, Ft. DeRussy	143,390	109,711	91,341
U.S.S. Arizona Memorial	1,629,660	1,809,080	1,845,557
Visiting either Memorial or Visitor Center	1,336,992	1,435,885	1,522,635
Aboard non-landing tour boats	292,668	373,195	322,922
U.S.S. Bowfin WWII Submarine Exhibit <u>8/</u> .	254,053	284,202	206,610
Wahiawa Botanic Garden	18,711	17,245	17,369
Waikiki Aquarium <u>9/</u>	322,796	330,071	332,219
Waimea Falls Park	498,679	601,477	672,835

Continued on next page.

Table 229.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1985 TO 1987 -- Con.

Island and cultural attraction	1985	1986	1987
Hawaii	1,131,231	1,309,761	3,513,157
Hawaii Tropical Botanical Gardens	20,000	32,000	34,000
Greenwell Store Museum	2,500	5,000	5,100
Hulihee Palace	21,469	21,350	24,635
Jagger Museum <u>10/</u>	-	-	1,373,000
Kamuela Museum	16,000	16,000	(NA)
Kealahou Bay State Historical Park <u>1/</u> ..	26,000	36,000	57,000
Kilauea Visitor Center	911,300	1,055,000	1,310,000
Lapakahi State Historical Park <u>1/</u>	73,000	71,000	65,000
Lyman House Memorial Museum <u>11/</u>	21,013	20,199	15,252
Panaewa Rainforest Zoo	39,949	53,212	67,170
Wahaula Visitor Center	(NA)	(NA)	562,000
Maui	887,670	888,498	774,740
Alexander & Baldwin Sugar Museum <u>12/</u>	-	-	5,406
Halekii-Pihana Heiaus State Monument <u>1/</u> ..	57,000	50,000	22,000
Kula Botanical Gardens	21,995	22,540	18,150
Lahaina Restoration Foundation	162,988	167,724	179,878
Baldwin Home Museum	43,414	43,454	47,400
Brig Carthaginian	73,201	76,835	78,278
Hale Pa'i	8,461	7,615	6,500
Kalaupapa Lighthouse Exhibit <u>13/</u>	-	-	11,500
Wo Hing Temple	37,912	39,820	36,200
Maui Historical Society Museum	15,687	18,234	18,306
Maui Plantation	550,000	550,000	451,000
Maui Zoological & Botanical Gardens	80,000	80,000	80,000
Kauai	509,152	502,638	486,528
Coco Palms Zoo	5,423	6,142	6,142
Grove Farm Homestead	4,664	4,901	4,379
Hanalei Museum	6,500	6,500	6,500
Haraguchi Rice Mill Museum <u>14/</u>	-	-	-
Kauai Museum <u>15/</u>	20,248	25,345	28,748
Kokee Natural History Museum	83,424	83,485	83,979
Olu Pua Gardens	4,800	6,696	(NA)
Pacific Tropical Botanical Garden	5,229	6,899	10,500
Russian Fort Elizabeth State Historical Park <u>16/</u>	375,000	359,000	343,000
Waioli Mission House	3,864	3,670	3,280
Molokai	16,512	14,766	13,207
Kalaupapa Settlement	12,012	6,737	8,395
Molokai Ranch Wildlife Park <u>17/</u>	4,500	8,029	4,812

Footnotes and source on next page.

Table 229.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1984 TO 1986 -- Con.

- NA Not available.
 1/ Years ended June 30.
 2/ Closed most of 1985; reopened February 11, 1986.
 3/ 1985 figure refers to year ended June 30.
 4/ Includes Falls of Clyde (55,000 in 1987) and Aloha Tower Maritime Museum (45,000 in 1987).
 5/ Includes Academy Theatre (81,617 in 1985, 85,697 in 1986, and 82,135 in 1987).
 6/ Years ended September 30.
 7/ Closed at end of May 1987.
 8/ Closed March 2-April 6, 1987 and April 23-June 19, 1987.
 9/ Includes both adult (236,912 in 1987) and child (95,307) attendance.
 10/ Opened January 13, 1987.
 11/ Plus 1,987 in outreach programs in 1987.
 12/ Opened July 15, 1987.
 13/ Opened April 1987.
 14/ To open officially in 1988.
 15/ Years ended September 30, 1987 and December 31, 1986 and 1985.
 16/ Years ended June 30. Attendance estimates reflect heavy use of restrooms by tour bus passengers.
 17/ Closed part of 1987 for maintenance.
 Source follows next table.

Table 230.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1982 TO 1987

[Revised from Data Book 1987, table 239, to include zoos (previously omitted) and corrected data for several attractions]

Subject	1982	1983	1984	1985	1986	1987
Number of attractions 1/ Attendance (1,000)	52 13,734	54 13,733	60 13,674	60 14,648	59 15,253	61 17,772

1/ Lahaina Restoration Foundation attractions are counted separately.
 Source: Hawaii State Department of Business and Economic Development, Attendance at Cultural Attractions, 1987 (Statistical Report 209, September 1988), as revised.

Table 231.-- HONOLULU SYMPHONY ORCHESTRA: 1977-1978 TO 1987-1988

Season	Average number of orchestra personnel	Number of performances	Total attendance	Operating expenses (dollars)
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 ^{1/} ..	80	85	139,703	2,394,804
1987-1988	79	127	184,897	4,143,347

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

Table 232.-- PERFORMING ARTS STATISTICAL SUMMARY, FOR OAHU:
 1977-1978 TO 1986-1987 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

Source: DBED mail and telephone surveys.

Table 233.-- PERFORMING ARTS, FOR OAHU: 1986-1987 SEASON

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups	439	1,354	875,063
Brigham Young University - Hawaii Campus	17	28	8,043
Chaminade University of Honolulu	2	9	711
Hawaii Loa College	2	8	560
Hawaii Performing Arts Company	7	108	11,296
Honolulu Community Theatre	8	102	52,000
Honolulu Department of Auditoriums, total ...	113	157	412,973
Ballets	3	4	5,534
Concerts	63	75	205,546
Operas	3	9	15,229
Rock shows	12	14	83,603
Other dramatic and musical productions	32	55	103,061
Honolulu Theatre for Youth	7	292	134,138
Leeward Community College	56	187	73,720
The Starving Artists' Theatre Company	6	72	9,000
U.S. Army Support Command, total <u>1/</u>	199	262	121,514
Plays, musicals and workshops	6	36	6,660
Showmobile activities	38	40	56,684
DOD/USO touring shows	9	40	15,443
Soldier bands and jam sessions	144	144	7,727
Special events	2	2	35,000
University of Hawaii at Manoa	19	109	43,864
Windward Theater Guild	3	20	7,244

1/ Year ended September 30, 1987.

Source: DBED mail and telephone survey.

Table 234.-- 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 (miles)	56	11	34	6	5
Wild shoreline (miles) ..	39	1	1	2	35
Nonstructured/land based:					
Camping sites	2,065	339	499	403	824
Public hunting (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 (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 235.-- 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
Swimming 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 236.-- NATIONAL PARKS: 1977 TO 1987

Year and area	Acreage, Dec. 31 <u>1/</u>			Visits <u>2/</u>
	Total	Federal	Non-federal	
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
1987	247,349	235,565	11,784	5,225,641
AREAS: 1987				
Hawaii Volcanoes National Park ...	207,643	207,643	-	1,872,595
Haleakala National Park	27,350	27,350	-	1,359,886
Puuhonua o Honaunau National Historical Park	181	181	-	415,580
Kaloko-Honokohau National Historical Park	1,161	322	839	(3/)
Puukohola Heiau National Historic Site	100	34	66	54,945
U.S.S. Arizona Memorial <u>4/</u>	12	12	-	1,522,635
Kalaupapa National Historical Park	10,902	23	10,879	(NA)

NA Not available.

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

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

3/ 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 237.-- STATE PARKS AND HISTORIC SITES: 1978 TO 1988

Year and island	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
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
1988	76	24,852	884.9	18,488
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
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

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

Table 238.-- MAJOR STATE PARKS: 1987 AND 1988

[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	
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
Koikee 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
1988			
Wailua River State Park ^{1/}	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
Koikee 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

^{1/} Seven separate areas in both 1987 and 1988.

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

Table 239.-- 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 240.-- COUNTY PARKS, BY ISLANDS:
1982 TO 1987

[As of December 31]

Subject	1982	1983	1984	1985	1986	1987
Number, total	548	547	551	551	560	561
Hawaii	134	135	135	134	141	141
Maui	82	79	80	80	82	83
Lanai	2	3	3	3	3	3
Molokai	10	10	11	11	11	12
Oahu	264	264	266	266	266	265
Kauai	56	56	56	57	57	57
Acreage, total	8,177	8,238	8,248	8,222	8,227	8,324
Hawaii	1,445	1,460	1,463	1,434	1,424	1,428
Maui	921	899	899	899	905	917
Lanai	5	7	7	7	7	7
Molokai	51	51	54	54	54	58
Oahu	5,235	5,238	5,242	5,242	5,251	5,328
Kauai	520	583	583	586	586	586

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

Table 241.-- ZOOS: 1985 TO 1987

Subject and zoo	1985	1986	1987
Species: 1/			
Coco Palms (Kauai)	6	8	16
Honolulu Zoo	278	289	223
Maui Zoological & Botanical Gardens .	40	38	56
Molokai Ranch Wildlife Park	9	7	8
Panaewa Rainforest Zoo (Hilo)	53	53	54
Individuals: 1/			
Coco Palms (Kauai)	68	68	57
Honolulu Zoo	1,071	1,037	852
Maui Zoological & Botanical Gardens .	152	147	163
Molokai Ranch Wildlife Park	504	855	933
Panaewa Rainforest Zoo (Hilo)	182	160	171
Attendance:			
Coco Palms (Kauai)	5,423	6,142	6,142
Honolulu Zoo	782,866	801,418	758,485
Maui Zoological & Botanical Gardens .	80,000	80,000	80,000
Molokai Ranch Wildlife Park 2/	4,500	8,029	4,812
Panaewa Rainforest Zoo (Hilo)	39,949	53,212	67,170

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 242.-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS,
FOR THE CITY AND COUNTY OF HONOLULU: 1987 AND 1988

[Years ended June 30]

Subject	1987	1988
Approximate attendance, total <u>1/</u> (1,000) .	16,975	24,682
Ala Moana	1,397	2,008
Waikiki	6,319	16,098
Hanauma Bay	3,564	2,788
Sandy Beach	741	364
Kailua	648	397
Waimea Bay	860	551
Makaha	742	374
Pokai Bay	318	576
Rescues	1,899	953
First aid: Minor	21,861	41,889
Major	1,173	605
Drownings	10	6

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 1987 or 1988.

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

Table 243.-- COUNTY TENNIS FACILITIES: 1986 TO 1987

[As of December 31]

Subject	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
Locations:							
1986	89	20	12	1	1	45	10
1987	90	20	12	1	1	46	10
Courts:							
1986	274	44	34	2	2	168	24
1987	278	44	34	2	2	172	24

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

Table 244.-- COUNTY GOLF COURSES AND CAMPING PERMITS, FOR OAHU:
1982 TO 1987

Calendar year	Public golf courses			Camping permits issued <u>1/</u>
	Courses	Holes	Rounds played	
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
1987	4	63	548,668	8,352

1/ By the City and County of Honolulu.

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

Table 245.-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLANDS:
MAY 1988

Status, island, and ownership	Number of golf courses					Number of holes
	Total	9-hole	18-hole	27-hole	36-hole	
IN OPERATION						
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
UNDER CONSTRUCTION						
Hawaii: Private ^{1/}	2	-	2	-	-	36
Lanai: Private	1	-	1	-	-	18
Oahu	2	-	2	-	-	36
Municipal	1	-	1	-	-	18
Private	1	-	1	-	-	18
Kauai: Private	1	-	-	-	1	36

1/ Expansion of additional holes of existing 18-hole courses.

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

Table 246.-- HAWAIIAN OPEN SCORES AND PURSES: 1983 TO 1988

[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
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
1988	271	17	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, and February 15, 1988, p. C-1.

Table 247.-- FISHING AND HUNTING LICENSES ISSUED: 1983 TO 1988

[Years ended June 30]

Type of license	1983	1984	1985	1986	1987	1988
Freshwater game fishing ..	8,720	9,866	7,131	8,200	8,669	10,512
Hunting	11,959	12,107	12,599	12,776	12,748	13,469

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

Table 248.-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES,
BY ISLANDS: FEBRUARY 1988

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	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	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 249.-- WATER RECREATION FACILITIES AND RESOURCES, BY ISLANDS: 1987

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	662	184.9	24.4	1,600
Hawaii	29	279	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, 1987.

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 250.-- 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 <u>1/</u> ...	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 251.-- 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 252.-- TRIATHLON, OCEAN SWIM, AND BIATHLON EXPENDITURES,
BY TYPE: 1985

Type of event	Events	Expenditures (\$1,000)			
		Direct and in-direct	Direct <u>1/</u>		Indir-ect <u>2/</u>
			Total	Race organi-zation	
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 253.-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP REGISTRANTS,
FINISHERS, AND WINNING TIMES: 1978 TO 1988

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

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

Table 254.-- 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 255.-- PROFESSIONAL BASEBALL (HAWAII ISLANDERS): 1961 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. Home games were played at Honolulu Stadium, 1961-1975; at Aloha Stadium, 1976-1985 and 1987; and at Aloha and Rainbow Stadiums, 1986]

Year	Games won	Games lost	Home attendance	Year	Games won	Games lost	Home attendance
1961	68	86	165,786	1975	88	56	213,432
1962	77	76	139,747	1976	77	68	306,236
1963	81	77	236,848	1977	79	67	347,931
1964	60	98	154,827	1978	56	82	155,301
1965	75	72	174,699	1979	72	76	176,049
1966	63	84	191,367	1980	76	65	137,778
1967	60	87	218,983	1981	72	65	157,918
1968	78	69	255,569	1982	73	71	136,876
1969	74	72	280,477	1983	72	71	145,866
1970	98	48	467,217	1984	87	53	144,623
1971	73	73	375,957	1985	84	59	134,864
1972	74	74	305,873	1986	65	79	84,614
1973	70	74	238,390	1987 <u>1/</u> .	65	75	116,107
1974	67	77	179,633				

1/ In 27 years, the Islanders won 1,984 regular-season games, lost 1,954, and tied 13, for a .504 record. They played 2,013 home games at nine different ball parks in Hawaii.

Source: Honolulu Advertiser, Aug. 19, 1987, p. D-1, and Sept. 2, 1987, p. C-1; Ferd Borsch, Hawaii Islanders scorer, records.

Table 256.-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:
1982-1983 TO 1987-1988 SEASONS

[Revised from Data Book 1987, table 266]

Bowl	1982- 1983	1983- 1984	1984- 1985	1985- 1986	1986- 1987	1987- 1988
Aloha Bowl	24,907	34,728	37,996	30,574	20,666	20,093
Hula Bowl	33,456	26,829	25,890	20,943	15,774	26,737
Pro Bowl	46,721	47,482	48,124	47,906	46,799	46,692

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

Table 257.-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF HAWAII
AT MANOA: 1987-1988

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

Sports	Games played <u>1/</u>				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
Baseball	62	40	21	1	44	125,752
Basketball (men's)	29	4	25	-	17	28,620
Basketball (women's) ..	28	14	14	-	11	2,851
Football	12	5	7	-	9	385,536
Volleyball (men's)	28	24	4	-	8	10,057
Volleyball (women's) ..	39	37	2	-	18	24,196

1/ Volleyball data refer to matches.

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

Table 258.-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:
1987-1988 SEASON

Sport	Players	Games <u>1/</u>	Attendance	Expenditure <u>2/</u> (dollars)
Baseball ..	Boys	364	68,278	212,745
Basketball	Boys and girls	886	131,006	458,796
Football ..	Boys	258	356,210	680,440

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 259.-- 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 260.-- PROFESSIONAL BOXING: 1982 TO 1987

Year	Number of promoters	Number of shows	Paid attendance	Gross receipts (dollars)
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
1987 ...	1	2	1,152	15,560.00

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

Table 261.-- DOG LICENSES ISSUED, BY ISLANDS: 1982 TO 1987

[Dogs are licensed on a biennial basis]

Year	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
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
1987	28,208	3,287	1,633	35	65	22,573	615

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