

Section 7

RECREATION AND TOURISM

Statistics on tourism, recreation, sports, museums, the performing arts, pets and parks appear in this section. Information on recreational land use is given in Section 6; on transportation, in Section 18; on hotels, in Section 23.

Approximately 3,935,000 visitors stayed overnight or longer in Hawaii during 1981, compared with 1,747,000 in 1970 and only 297,000 in 1960. The average number present at any given time during 1981 was 96,000. Total visitor expenditures (exclusive of trans-Pacific fares) in 1981 amounted to \$3.2 billion, compared with \$705 million a decade earlier. The 1981 visitor total included 2.3 million from other States, 291,000 from Canada, and 690,000 from Japan. Expenditures per visitor day in 1980 averaged \$71.24 for westbound visitors and \$185 for the Japanese. Visitor-related spending in 1981 resulted in tax revenues of \$446 million and generated 146,000 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, 71 State parks, 621 County parks, 57 golf courses, 252 public tennis courts, 2,044 small-boat moorages, 1,600 recognized surfing sites, and 24.4 miles of safe, sandy, accessible beach. Recreational and cultural facilities reporting more than a million annual visitors include four National or State parks, the National Memorial Cemetery of the Pacific, U.S.S. Arizona Memorial, Castle Park, and the Honolulu Zoo. Total visits to 44 museums, state monuments and similar attractions in 1981 numbered 11.4 million. About 231,000 Hawaii residents traveled to the Mainland in 1981 and half of them were absent more than 13.3 days. Fourteen theatrical groups on Oahu reported 1,128 performances of 254 productions for the 1980-1981 season, with a combined audience of 831,000. During the same period, the Honolulu Symphony Orchestra gave 107 concerts, with a total attendance of 156,000. Professional baseball drew 139,000 fans in 1982, and during the 1980-1981 school year, attendance at UH-Manoa varsity baseball, basketball and football home games exceeded 478,000.

Information on recreation and tourism is issued periodically by the Hawaii Visitors Bureau, the State Parks Division of the Department of Land and Natural Resources, the U.S. National Park Service, U.S. Passport Office, County park and recreation departments, and other organizations. A compilation of statistics on recreational facilities and behavior was issued by the Hawaii State Department of Land and Natural Resources in 1980 in its State Recreation Plan, Technical Reference Document. Long-term trends are summarized in Historical Statistics of Hawaii, Section 11. National statistics are given in Section 8 of Statistical Abstract of the United States: 1981.

Table 161.-- MODE AND DIRECTION OF TRAVEL OF PASSENGERS ARRIVING
IN HAWAII: 1970 TO 1981

Year	All arriving passengers	Mode of travel		Direction of travel	
		Air	Surface	Westbound	Eastbound or northbound
1970	2,219,559	2,174,303	45,256	1,734,560	484,999
1971	2,500,462	2,455,147	45,315	1,903,130	597,332
1972	3,053,557	3,013,488	40,069	2,308,712	744,845
1973	3,624,667	3,598,312	26,355	2,696,415	928,252
1974	3,882,957	3,861,208	21,749	2,802,465	1,080,492
1975	3,849,525	3,832,790	16,735	2,806,524	1,043,001
1976	4,340,442	4,324,029	16,413	3,205,779	1,134,663
1977	4,544,802	4,530,817	13,985	3,434,979	1,109,823
1978	4,784,561	4,776,977	7,584	3,664,351	1,120,210
1979	5,291,333	5,283,771	7,562	3,839,041	1,452,292
1980	5,380,383	5,380,383	-	3,861,059	1,519,324
1981	5,305,809	5,305,809	-	3,780,383	1,525,426

Source: Hawaii Visitors Bureau, 1981 Annual Research Report.

Table 162.-- RESIDENCE STATUS OF WESTBOUND PASSENGERS ARRIVING IN HAWAII:
1970 TO 1981

Year	All westbound passengers	Visitors destined to Hawaii	Visitors destined beyond Hawaii		Returning residents	Intended residents	Unclassified
			Overnight or longer	Transits			
1970	1,734,560	1,127,950	198,185	193,798	173,252	40,073	1,302
1971	1,903,130	1,207,898	222,457	268,001	162,967	41,562	245
1972	2,308,712	1,540,268	242,469	309,595	171,772	44,388	220
1973 ...	2,696,415	1,815,443	252,418	396,508	194,974	36,886	186
1974	2,802,465	1,899,632	284,988	426,507	154,154	37,007	177
1975	2,806,524	1,935,396	272,021	381,419	178,040	39,233	415
1976	3,205,779	2,245,252	306,349	426,666	186,684	40,690	138
1977	3,434,979	2,453,541	309,771	448,521	179,298	43,617	231
1978 1/ .	3,664,351	2,698,831	332,168	436,942	156,901	39,476	33
1979 1/ .	3,839,041	2,805,813	333,642	546,113	130,914	22,559	-
1980	3,861,059	2,718,863	327,269	603,206	197,799	13,922	-
1981	3,780,383	2,611,142	363,649	556,730	230,728	18,134	-

1/ Decline in returning and intended residents probably reflects increased nonresponse rates resulting from revised questionnaire format used from July 1978 to July 1979.

Source: Hawaii Visitors Bureau, 1981 Annual Research Report.

Table 163.-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS: 1964 TO 1981

Year	Visitors staying overnight or longer			Average number present <u>1/</u>		
	Total	West-bound <u>2/</u>	Other	Total	West-bound <u>2/</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	96,095	85,576	10,519

1/ Data for 1964-1979 have been revised from the corresponding figures in the 1980 edition, table 128.

2/ Arriving from the Mainland United States or Canada.

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

Table 164.-- RESIDENCE OF OVERNIGHT AND LONGER VISITORS TO HAWAII:
1978 TO 1981

[In thousands. Data for 1978-1980 revised from 1981 edition, table 148.]

Place of residence	1978	1979	1980	1981
Total	3,670.0	3,960.0	3,935.0	3,935.0
United States	2,457.0	2,560.0	2,456.0	2,314.0
Foreign	1,213.0	1,400.0	1,479.0	1,621.0
Asia	603.0	747.8	817.5	878.0
Japan	524.0	653.6	658.1	690.4
Other Asia	79.0	94.2	159.4	187.6
Canada	358.0	348.6	331.8	291.0
Europe	61.0	67.0	80.2	169.0
Germany	13.0	16.4	17.6	28.9
United Kingdom	27.0	29.6	46.9	96.2
Other Europe	21.0	21.0	15.7	43.9
Oceania and South Pacific	172.0	216.2	230.1	252.0
Australia	130.0	159.6	164.1	171.9
New Zealand	32.0	45.8	57.3	68.5
Other South Pacific	10.0	10.8	8.7	11.6
South America	17.0	16.9	14.9	28.0
Other foreign	2.0	3.5	4.5	3.0

Source: Hawaii Visitors Bureau, "Revised Estimates of Overnight and Longer Visitors to Hawaii by National Origin for 1978, 1979, 1980 and 1981" (table, March 1982).

Table 165.-- DESTINATION OF WESTBOUND VISITORS TO AND
BEYOND HAWAII: 1981

Destination	Number of visitors
Visitors to and beyond Hawaii	3,531,521
Destined to Hawaii	2,611,142
Destined beyond Hawaii	920,379
Around the World	47,320
Australia	295,110
New Zealand	113,401
Other Pacific	46,538
Japan	250,979
Hong Kong	39,488
Philippines	17,559
Other Asia	109,984

Source: Hawaii Visitors Bureau, 1981 Annual Research Report.

Table 166.-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS, BY COUNTIES:
1970 TO 1981

Year	Westbound visitor arrivals <u>1/</u>			Average visitor census, including eastbound and northbound			
	Hawaii County	Kauai County	Maui County	City and Co. of Honolulu <u>2/</u>	Hawaii County	Kauai County	Maui County
1970 ...	445,401	410,075	447,985	26,699	3,588	3,011	3,645
1971 ...	522,166	472,663	554,799	28,323	4,349	3,535	4,682
1972 ...	637,562	565,386	710,050	34,707	5,153	4,136	6,147
1973 ...	694,170	590,475	766,791	43,341	5,477	4,206	6,554
1974 ...	742,839	601,703	852,201	45,486	6,024	4,484	7,541
1975 ...	769,779	632,821	931,863	46,140	6,496	4,941	8,731
1976 ...	816,514	699,275	1,110,726	52,683	6,782	5,445	10,622
1977 ...	839,008	740,501	1,257,142	57,342	7,195	6,025	12,468
1978 ...	908,983	837,712	1,403,054	62,379	8,094	7,069	14,492
1979 ...	860,940	825,366	1,419,773	67,688	7,996	7,394	15,598
1980 ...	761,103	781,409	1,378,189	66,680	7,195	7,259	15,363
1981 ...	648,382	730,963	1,344,278	67,592	6,324	6,969	15,210

1/ Because many visitors visit more than one island, county data sum to total greater than the State total shown in another table. Data cover westbound visitors destined to or beyond Hawaii, and include one-day (non-overnight) Neighbor Island visits by these passengers. Not separately available for the City and County of Honolulu.

2/ Data for 1970-1979 are revisions.

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

Table 167.-- SUMMARY CHARACTERISTICS OF WESTBOUND VISITORS TO HAWAII:
1971 TO 1981

Year	Residence ^{1/} (percent)		Males per 1,000 females	Median age (years)	High status occupations ^{2/} (percent)	Persons per party
	Western states ^{7/}	California				
1971	46.8	32.0	741	42.6	54.0	1.61
1972	42.5	27.7	801	44.7	58.9	1.71
1973	39.4	25.5	762	44.0	56.4	1.69
1974	38.2	24.4	788	44.1	59.3	1.72
1975	39.7	24.8	810	44.5	60.4	1.75
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

Year	Arriving June 1- Aug. 31 (percent)	Repeat visi- tors ^{3/} (percent)	Pleasure trip (percent)	Staying in hotel ^{4/} (percent)	Average intended stay ^{5/} (days)	Intending to visit Neighbor Islands ^{6/} (percent)
1971	30.8	36.4	76.0	84.9	11.0	60.6
1972	29.2	35.1	77.4	89.0	10.9	61.5
1973	30.2	34.3	78.3	89.3	10.7	58.8
1974	28.6	37.3	78.2	91.4	10.7	62.0
1975	28.6	39.7	76.4	91.7	10.8	66.0
1976	28.3	38.7	79.0	93.4	10.7	65.6
1977	27.3	41.1	78.6	89.8	10.9	66.8
1978	26.7	42.8	76.5	83.0	11.2	68.2
1979	27.0	44.1	76.7	74.4	11.2	68.5
1980	28.7	48.4	75.4	71.2	11.2	68.3
1981	28.7	47.1	77.7	70.1	11.3	67.0

^{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/} Includes condominiums operating as hotels through June 1978 but excludes such facilities thereafter.

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

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

^{7/} Pacific and Mountain States.

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

Table 168.-- CHARACTERISTICS OF WESTBOUND VISITORS
TO AND BEYOND HAWAII: 1981

Subject	Visitors to Hawaii	Visitors beyond Hawaii
All visitors	2,611,142	920,379
Age:		
Under 10 years	66,035	51,670
10 to 19 years	208,118	68,865
20 to 29 years	465,763	203,249
30 to 39 years	492,217	198,850
40 to 49 years	437,786	140,750
50 to 59 years	450,299	111,810
60 years and over	364,230	69,213
Age not reported	126,694	75,972
Sex:		
Male	1,168,436	506,948
Female	1,442,706	413,431
Intended length of stay:		
1 day ^{1/}	238,778	556,730
2 days		35,599
3 days		83,766
4 to 6 days		166,072
7 to 12 days		61,912
13 to 18 days		16,300
19 to 24 days	107,807	
25 to 30 days	45,613	
31 to 60 days	36,833	
61 to 90 days	1,793	
91 to 365 days	659	
Residence: ^{2/}		
Pacific	1,012,867	46,139
Alaska	20,640	839
California	785,202	35,368
Oregon	67,812	2,312
Washington	139,213	7,620
Mountain	174,082	9,068
West North Central	127,298	5,438
West South Central	197,809	12,176
East North Central	250,933	14,719
East South Central	41,522	2,847
New England	66,409	6,739
Middle Atlantic	197,580	20,366
South Atlantic	139,590	16,247
Guam, Puerto Rico, Virgin Isl..	151	6,233
Canada	251,056	34,663
Other foreign	130,290	740,524
Residence not reported	21,555	5,220

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Table 168.-- CHARACTERISTICS OF WESTBOUND VISITORS
TO AND BEYOND HAWAII: 1981 -- Con.

Subject	Visitors to Hawaii	Visitors beyond Hawaii
Purpose of trip:		
Pleasure	2,014,876	731,065
Business	66,894	45,891
Business and pleasure	316,920	74,463
Government and military	11,899	15,552
Visiting relatives	76,866	17,800
Attend school	2,228	908
Convention	95,881	6,372
Other	8,068	11,860
Purpose not reported	17,510	16,468
Traveler status:		
Organized tour group	589,519	223,994
Individual basis	1,899,515	657,658
Incentive	90,192	13,392
Government/military	11,897	15,557
No answer	20,019	9,778
Intended accommodations:		
Hotel or apartment-hotel	1,817,348	306,371
Condominium	481,450	28,642
Friend's or relative's home ..	243,608	19,770
Other accommodations	48,511	6,129
Intransits	-	556,730
Not reported	20,225	2,737
Visitor days (1,000)	29,440	2,493

^{1/} Includes visitors beyond Hawaii who were in transit and did not report their intended length of stay.

^{2/} Census divisions. For composition, see source, table 12.

Source: Hawaii Visitors Bureau, 1981 Annual Research Report.

Table 169.-- CHARACTERISTICS OF WESTBOUND VISITOR
PARTY HEADS TO AND BEYOND HAWAII: 1981

Subject	Visitors to Hawaii	Visitors beyond Hawaii
All party heads	1,437,646	584,344
Occupation:		
Professional and technical ...	495,467	178,105
Business, managerial, official	367,839	183,525
Clerical, office, sales	143,638	45,427
Military service	13,902	11,910
Other employed	106,903	37,898
Military dependent	2,397	1,014
Retired	167,487	34,051
Student	67,260	49,391
Other non-employed	48,498	27,440
Not reported	24,255	15,580
Trips to Hawaii:		
First trip	712,340	294,581
Second trip	247,144	98,582
Third trip	117,294	37,295
Fourth trip and over	271,063	92,277
Not reported	89,805	61,609
Persons in party:		
1 person	292,259	235,538
2 persons	831,175	186,068
3 persons	119,267	45,829
4 persons	125,578	70,449
5 persons or more	69,367	46,460
Average size	1.82	1.58

Source: Hawaii Visitors Bureau, 1981 Annual Research Report, and records.

Table 170.-- FAMILY INCOME, TRIP CHARACTERISTICS, AND OPINIONS OF
MAINLAND VISITORS TO HAWAII: 1978 TO 1981

Subject	1978	1979	1980	1981
Number of respondents in sample	5,310	5,353	5,180	4,984
Family income before taxes (percent) ..	100.0	100.0	100.0	100.0
Under \$10,000	5.8	4.0	3.1	1.8
\$10,000 to \$14,999	10.8	10.0	7.2	5.6
\$15,000 to \$24,999	26.8	23.5	19.4	16.6
\$25,000 to \$34,999	25.6	26.2	24.1	22.2
\$35,000 to \$49,999	17.0	19.2	24.0	24.8
\$50,000 and over	14.2	17.1	22.2	28.9
Median income (dollars)	27,600	29,800	33,400	37,300
Education: college graduates (percent)	52.5	53.6	54.5	57.6
Using travel agent (percent)	83.5	84.1	79.6	79.0
Arrangements for Neighbor Island trips made before arrival (percent)	86.6	86.2	87.8	86.4
Islands visited (percent):				
Oahu only	24.9	24.6	26.6	27.2
Hawaii	36.5	34.3	30.2	24.5
Maui	56.0	56.8	53.4	54.0
Kauai	37.7	35.9	34.6	33.0
Molokai	0.5	0.6	0.6	0.6
Hawaii compared with other vacation areas visited (percent)	100.0	100.0	100.0	100.0
Far superior	39.2	35.2	35.2	37.0
Above average	50.5	53.7	54.2	53.9
Average	9.4	9.9	9.4	8.3
Below average	0.8	1.1	1.0	0.7
Quite inferior	0.1	0.1	0.1	0.2

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

Table 171.-- MEETINGS AND CONVENTIONS: 1978 TO 1981

Year	No. of meetings held	Estimated attendance	Estimated guest rooms	Estimated revenue (\$1,000)
1978	536	230,273	106,963	113,135
1979	574	178,753	88,481	94,049
1980 <u>1/</u>	546	230,891	104,045	141,544
1981	505	181,662	84,142	134,164

1/ Revised from 1981 edition, table 162.

Source: Hawaii Visitors Bureau, Meetings & Conventions Department.

Table 172.-- AVERAGE EXPENDITURE PER VISITOR DAY, FOR THE STATE AND OAHU: 1931-1932 TO 1980

[In dollars.]

Years surveyed	Westbound visitors		Visitors from Japan: Statewide
	Statewide	Oahu only	
1931-1932	(NA)	17.50	(NA)
1951	28.00	(NA)	(NA)
1960-1961	32.00	(NA)	(NA)
1965-1966	(NA)	37.23	(NA)
1974	46.20	46.75	123.00
1977	54.62	54.17	146.85
1980	71.24	69.24	185.00

NA Not available.

Source: Hawaii Visitors Bureau, 1980 Visitor Expenditure Survey (January 1982), p. 31.

Table 173.-- VISITOR EXPENDITURES, BY ORIGIN OF VISITOR AND TYPE OF EXPENDITURE: 1980

[Excludes transpacific travel costs.]

Item	Aggregate expenditures (millions of dollars)			Expenditures per visitor day (dollars)	
	All visitors	Non-Japa- nese	Japa- nese <u>1/</u>	Non-Japa- nese	Japa- nese <u>1/</u>
All items	2,874.8	2,347.6	527.2	71.24	185.00
Food and beverage	735.2	628.1	107.1	19.06	37.55
Restaurants <u>2/</u> .....	...	436.3	...	13.24	35.89
Nightclubs .....	...	64.9	...	1.97	1.66
Dinner shows .....	...	54.1	...	1.64	...
Groceries .....	...	72.8	...	2.21	...
Entertainment	132.0	110.4	21.6	3.35	7.59
Attractions .....	...	74.5	...	2.26	...
Other .....	...	35.9	...	1.09	...
Transportation	324.4	254.7	69.7	7.73	24.46
Ground transportation <u>3/</u> ...	...	40.5	...	1.23	2.96
U-drive .....	...	100.8	...	3.06	...
Interisland travel .....	...	84.4	...	2.56	21.50
Sightseeing tours .....	...	29.0	...	0.88	...
Clothing	212.8	179.6	33.2	5.43	11.66
Gifts and souvenirs	391.7	201.4	190.3	6.11	66.78
Lodging	879.3	813.3	66.0	24.68	23.17
All other	156.9	117.6	39.3	3.57	13.79
Adjustment <u>4/</u>	42.5	42.5	-	1.29	-

1/ Detail for sub-items not available in all cases.

2/ For Japanese visitors, refers to total expenditures for food.

3/ For Japanese visitors, refers to total transportation expenditures excluding interisland travel.

4/ Estimated amount of underreporting for listed categories.

Source: Hawaii Visitors Bureau, 1980 Visitor Expenditure Survey (January 1982), pp. 4, 34, and 37.

Table 174.-- ESTIMATED EXPENDITURES BY VISITORS TO HAWAII, BY
COUNTIES: 1971 TO 1981

[In millions of dollars. Excludes expenditures by Hawaii residents.]

Year	State total	City and County of Honolulu <u>1/</u>	Other counties <u>1/</u>			
			Total	Hawaii	Kauai	Maui
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 <u>2/</u> ...	2,146	1,569	577.0	152.9	137.9	286.9
1979 <u>2/</u> ...	2,537	1,867	669.8	162.0	159.2	348.7
1980 <u>2/</u>	2,875	2,134	741.3	164.5	181.2	395.6
1981 <u>3/</u> ...	3,200	2,400	799.6	177.4	195.5	426.7

1/ Interisland air fares have been distributed on a prorata basis. Expenditures by eastbound visitors have been included with Oahu.

2/ Revised from Data Book 1981, table 159.

3/ Preliminary estimate.

Source: Hawaii Visitors Bureau, Neighbor Island Statistics (table, March 30, 1982).

Table 175.-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:
1971 TO 1981

[In millions of dollars.]

Year	Total	Visitors	Airline and ship crews	Overseas airlines <u>1/</u>
1971	815.3	705.0	8.0	102.3
1972	960.0	840.0	9.0	111.0
1973	1,156.0	1,020.0	8.0	128.0
1974	1,408.6	1,225.0	12.6	171.0
1975	1,559.4	1,360.0	8.4	191.0
1976	1,857.8	1,640.0	6.8	211.0
1977	2,093.8	1,845.0	7.8	241.0
1978	2,427.4	2,146.0	11.4	270.0
1979	2,949.8	2,537.0	13.7	399.1
1980	3,406.2	2,875.0	13.2	518.0
1981	3,790.0	3,200.0	14.0	576.0

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

Source: Hawaii State Department of Planning and Economic Development, The Economic Impact of Tourism in Hawaii (Hawaii Economic Research Reports, forthcoming), and unpublished preliminary 1981 estimates based on the DPED Input-Output Model.

Table 176.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 1971 TO 1981

[In millions of dollars and thousands of jobs. Revised from 1981 Data Book, table 160.]

Year	Visitor-related expenditures	Total sales or output <u>1/</u>	Household income	Tax revenues	Jobs <u>1/</u>
1971	815.3	1,673.9	609.1	95.4	74.8
1972	960.0	1,962.8	714.6	111.3	84.8
1973	1,156.0	2,359.9	859.2	139.9	97.9
1974	1,408.6	2,797.8	1,019.1	165.3	106.2
1975	1,559.4	3,046.3	1,107.7	196.0	105.9
1976	1,857.8	3,602.5	1,308.2	234.2	118.7
1977	2,093.8	3,993.8	1,447.9	244.9	124.7
1978	2,427.4	4,661.5	1,689.6	288.3	134.9
1979	2,949.8	5,542.6	2,007.3	352.1	143.7
1980	3,406.2	6,314.2	2,287.0	404.0	146.4
1981	3,790.0	6,977.2	2,527.1	446.0	145.7

Footnote and source follow next table.

Table 177.-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES,
BY INDUSTRY: 1980 AND 1981

[In millions of dollars and thousands of jobs.]

Year and industry	Direct visitor- related expend- itures <u>2/</u>	Total sales or out- put <u>1/</u>	Total house- hold income	Jobs	
				Total <u>1/</u>	Direct only
1980 <u>3/</u>					
All industries <u>4/</u>	3,406.2	6,314.2	2,287.0	146.4	80.8
Agriculture	25.8	49.1	25.4	1.4	0.7
Textile and apparel mfg.	27.7	59.4	17.0	1.2	0.7
Other manufacturing	87.3	252.8	45.4	2.5	0.8
Air transportation	491.9	865.0	281.1	13.7	6.1
Other transportation	127.4	265.2	100.5	6.0	3.0
Wholesale trade <u>5/</u>	75.4	147.5	68.4	3.8	1.8
Eating and drinking places ...	659.1	1,679.2	656.8	29.7	19.4
Other retail trade <u>5/</u>	277.4	516.0	163.0	23.7	13.8
Hotel services and real estate	905.0	2,085.4	769.5	51.9	27.0
Other services	193.3	399.1	160.0	12.3	7.3
1981					
All industries <u>4/</u>	3,790.0	6,977.2	2,527.1	145.7	80.5
Agriculture	28.7	54.3	28.1	1.4	0.7
Textile and apparel mfg.	30.8	65.6	18.8	1.2	0.7
Other manufacturing	97.1	279.3	50.2	2.5	0.8
Air transportation	547.3	955.8	310.6	13.5	6.0
Other transportation	141.8	293.0	111.1	6.0	3.0
Wholesale trade <u>5/</u>	83.9	163.0	75.6	3.8	1.8
Eating and drinking places ...	73.3	1,855.5	725.8	29.5	19.3
Other retail trade <u>5/</u>	308.7	570.2	180.1	23.7	13.8
Hotel services and real estate	1,007.0	2,304.4	850.3	51.9	27.0
Other services	215.1	441.0	176.8	12.3	7.3

1/ Direct, indirect, and induced.

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

3/ Revised from 1981 edition, table 161.

4/ Detail may not add to indicated total because of definitional differences.

5/ Expenditure figure refers to income earned, not value of sales.

Source: Hawaii State Department of Planning and Economic Development, The Economic Impact of Tourism in Hawaii (Hawaii Economic Research Reports, forthcoming), and unpublished preliminary 1981 estimates based on the DPED Input-Output Model.

Table 178.-- HAWAII VISITORS BUREAU INCOME AND EXPENDITURES: 1972 TO 1983

[In dollars.]

Year ending June 30	Income				Expenditures
	Total	State appro- priations <u>1/</u>	Private subscriptions	Other <u>2/</u>	
1972	2,247,494	1,689,261	535,918	22,315	2,245,724
1973	2,280,231	1,687,908	568,817	23,506	2,243,808
1974	2,289,946	1,692,963	557,706	39,277	2,259,602
1975	2,272,313	1,687,696	554,424	30,193	2,291,405
1976	2,466,570	1,798,452	629,418	38,700	2,473,050
1977	2,743,622	1,912,238	663,289	168,095	2,743,610
1978	2,908,365	1,975,360	735,962	197,043	2,902,134
1979	3,071,748	2,062,036	790,033	219,679	3,003,599
1980	3,140,200	2,069,728	799,978	270,494	3,118,998
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	(NA)	2,111,000	(NA)	(NA)	(NA)

NA Not available.

1/ Data for 1972-1982 are net after any refunds to the State.2/ May include income from mainland promotional programs, literature sales, convention servicing, and interest.Source: Hawaii Visitors Bureau, Financial Statements and Schedules (annual), and records.

Table 179.-- CHARACTERISTICS OF OUT-OF-STATE TRAVEL BY HAWAII RESIDENTS: 1979

[Data obtained from a telephone survey of 500 adults, 18 years old and over, living in regular housing units. Coverage excludes persons under 18 and all occupants of institutions and military barracks.]

Characteristics	Number
Total round-trips by adults for vacations outside Hawaii, 1979	355,000
Percent of all adults --	
Vacationing outside Hawaii in 1979	35.2
Last vacation outside Hawaii was before 1979	39.8
Never vacationed outside Hawaii	25.0
Percent of all households --	
Traveling outside Hawaii for any purpose in 1979	45.2
Traveling outside Hawaii for vacations in 1979	41.0
Percent of all adults vacationing in 1979 in -- <u>1/</u>	
California	21.2
Nevada	12.0
Alaska	0.4
Pacific Northwest	3.8
Southwest States	1.0
Rocky Mountain States	2.0
Central States	3.8
Southern States	3.2
Eastern States	4.4
Canada	2.0
Mexico	0.8
Caribbean	0.4
South America	0.0
Pacific Islands	0.2
Australia/New Zealand	0.6
Japan	1.6
Philippines	1.4
China, Korea	0.8
Southeast Asia	0.6
Indian Subcontinent	0.2
Middle East	0.4
Africa	0.0
Europe	1.4

Continued on next page.

Table 179.-- CHARACTERISTICS OF OUT-OF-STATE TRAVEL BY HAWAII RESIDENTS:
1979 -- Con.

[Data obtained from a telephone survey of 500 adults, 18 years old and over, living in regular housing units. Coverage excludes persons under 18 and all occupants of institutions and military barracks.]

Characteristics	Number
Average size of vacation parties in 1979	2.08
Persons under 18 years of age	0.40
Persons 18 years old and over	1.68
Length of vacation trips in 1979 (nights): <u>2/</u>	
Median	12.8
Mean	17.2
Average household expenditure per vacation trip in 1979 (dollars), all categories <u>3/</u>	2,051
Airfare	732
Other transportation	116
Food and drink	309
Hotel or other lodging	163
All other expenses	510

1/ Respondents could name more than one destination per trip.

2/ Includes time spent for nonvacation purposes.

3/ Includes data for households unable to provide breakdowns by category; detail will thus fail to add exactly to indicated total.

Source: John M. Knox and Juanita C. Liu, Out-of-State Recreational Travel by Hawaii Residents (Hawaii State Department of Planning and Economic Development, April 1980), pp. viii, 13, 15, 24, 31, 40, and 46.

Table 180-- CHARACTERISTICS OF RESIDENTS RETURNING FROM THE MAINLAND: 1961 TO 1981

Year	Number returning	Oahu residents <u>1/</u> (percent)	Median age (years)	Males per 100 females	Persons per party
1961 <u>2/</u> ...	41,450	86.0	32.9	125.9	1.35
1967	130,995	89.4	...	...	1.24
1972	171,772	87.5	...	...	1.36
1977	179,298	84.9	...	...	1.39
1979 <u>3/</u> ...	130,914	85.0	36.7	103.2	1.40
1980	197,799	85.2	37.9	100.8	1.42
1981	230,728	83.8	37.3	101.6	1.44
	High-status occupations: <u>4/</u> percent of--		Days absent <u>5/</u>		Average number absent <u>5/</u>
Year	All party heads	Employed civilians	Median	Mean	
1961 <u>2/</u> ...	44.9	72.2	23.7	49.6	5,200
1967 .....	...	...	18.4	45.9	14,800
1972 .....	...	...	13.8	25.3	11,900
1977 .....	...	...	13.5	20.6	10,100
1979 <u>3/</u> ...	50.9	75.6	11.7	18.1	6,500
1980	54.8	78.0	11.6	17.0	9,200
1981	54.5	78.7	13.3	17.3	10,900

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

2/ Year ended June 30.

3/ Data on number returning and average number absent appear to be greatly understated.

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

5/ For persons absent 1 to 365 days.

Source: Hawaii State Department of Planning and Economic Development, Out-of-State Travel by Hawaii Residents During 1981 (Statistical Report 155, May 15, 1982), table 2.

Table 181.-- NONPERMANENT HOUSEHOLDS AND RESIDENTS IN AND FROM HAWAII:
APRIL 1, 1980

[Includes nonpermanent residents staying in housing units occupied entirely by persons with a usual place of residence elsewhere. Persons staying in the house of a permanent resident are not included, nor are persons staying in hotels, motels, or campgrounds.]

Subject	In Hawaii, away from home on April 1, 1980		From Hawaii, away from home on April 1, 1980	
	Non-permanent households	Persons in non-permanent households	Non-permanent households	Persons in non-permanent households
Total	2,534	6,126	387	727
State: <u>1/</u>				
Hawaii	113	190	113	190
California	428	967	94	186
Washington	192	410	11	23
Other States	1,534	3,863	148	284
Outside U.S.	23	79	...	...
Not reported	244	617	21	44
Island: <u>2/</u>				
Oahu	1,070	2,920	(NA)	(NA)
Other islands	1,464	3,206	(NA)	(NA)
Males per 100 females ....	...	101.5	...	(NA)
Median age (years) .....	...	32.4	...	(NA)
Persons per household ....	...	2.42	...	1.88

NA Not available.

1/ Data refer to State of usual residence for nonpermanent households and household members staying in Hawaii on April 1, 1980, and to State where staying on April 1, 1980 for nonpermanent households and household members whose usual State of residence was Hawaii.

2/ Island where staying on April 1, 1980 for nonpermanent households and household members.

Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary reports, PC80-S1-6, "Nonpermanent Residents by States and Selected Counties and Incorporated Places: 1980" (April 1982).

Table 182.-- PASSPORTS ISSUED, BY FIRST AREA DESTINATION: 1978 TO 1981

Passport category and first area destination	1978	1979	1980	1981
Issued by Honolulu Passport Agency <u>1/</u> ..	28,533	28,974	31,928	34,191
Issued to Hawaii residents, total <u>2/</u> ...	28,280	26,170	28,800	31,700
Europe	11,280	8,470	9,730	10,970
Mid East	330	260	430	510
Far East	9,980	9,580	10,190	10,980
North, Central, and South America	1,030	820	1,000	940
Africa	200	60	120	100
Australia and Oceania	5,460	6,980	7,320	8,200
World tour	-	-	10	-

1/ Includes passports issued to persons not residing in Hawaii.

2/ Includes passports issued by offices not in Hawaii.

Source: U.S. Department of State, Bureau of Consular Affairs, Summary of Passport Statistics (January 1981) and information supplied June 11, 1981 and October 12, 1982.

Table 183.-- HONOLULU SYMPHONY ORCHESTRA:
1974-1975 TO 1980-1981

Season	Average number of orchestra personnel	Number of performances	Total attendance	Operating expenses (dollars)
1974-1975	80	135	198,000	1,423,911
1975-1976	80	128	224,000	1,654,510
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

Source: Hawaii State Department of Planning and Economic Development, The Performing Arts, 1980-1981 (Statistical Memorandum 82-2, April 27, 1982).

Table 184.-- PERFORMING ARTS, FOR OAHU: 1980-1981 SEASON

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups	254	1,128	830,585
Backstage Theater <u>1/</u>	2	24	2,000
Brigham Young Univ.--Hawaii Campus	5	7	3,000
Chaminade University of Honolulu	2	16	2,800
Hawaii Loa College	2	8	800
Hawaii Performing Arts Co.	12	160	12,301
Honolulu Community Theatre	8	109	50,970
Honolulu Dept. of Auditoriums, total	107	205	481,944
Ballets	3	9	24,222
Concerts	37	80	139,982
Operas	4	10	19,489
Rock shows	19	38	158,716
Other dramatic and musical productions	44	68	139,535
Honolulu Theatre for Youth	6	290	126,247
Leeward Community College, total	8	170	67,225
Honolulu Theatre for Youth <u>2/</u>	3	132	60,142
Other groups	5	38	6,783
U.S. Army Support Command Hawaii: <u>3/</u>			
Plays and musicals	5	35	6,493
Concerts	38	38	72,090
Other productions	36	36	7,796
University of Hawaii at Manoa:			
On campus	18	143	51,801
Off campus	2	7	3,125
Windward Community College	1	4	175
Windward Performing Arts Theater <u>4/</u>	1	2	260
Windward Theatre Guild	4	6	2,000

1/ Opened September 4, 1981 and closed October 4, 1981.

2/ Also included in HTY totals.

3/ USASCH Morale Support Activities Division, Music and Theatre Program.

4/ Data for calendar year 1980.

Source: Hawaii State Department of Planning and Economic Development, The Performing Arts, 1980-1981 (Statistical Memorandum 82-2, April 27, 1982).

Table 185.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1979 TO 1981

Island and cultural attraction	1979	1980	1981
State total	10,539,083	11,014,193	11,422,685
Oahu	8,125,219	8,489,121	8,848,792
Bernice P. Bishop Museum <u>1/</u>	300,568	270,207	212,071
Exhibition halls	150,590	166,466	152,474
Planetarium	89,754	76,134	38,422
Falls of Clyde Maritime Museum	35,915	27,607	21,175
Heritage Theatre <u>2/</u>	24,309	-	-
Castle Park <u>3/</u>	-	700,000	1,260,000
Contemporary Arts Center of Hawaii	20,800	25,700	29,500
Damien Museum and Archives	2,641	2,885	2,980
Foster Botanic Garden	113,894	109,502	130,753
Fred Ohrt Museum <u>4/</u>	744	3,519	3,438
Honolulu Academy of Arts	147,996	166,465	205,969
Iolani Palace State Monument <u>1/</u>	65,000	67,000	53,000
Kahuku Sugar Mill <u>5/</u>	240,802	103,000	-
Kamehameha V Post Office <u>1/</u>	(NA)	(NA)	2,000
Mission Houses Museum <u>6/</u>	23,850	22,820	23,800
Mormon Temple Grounds <u>7/</u>	285,728	274,977	289,138
National Memorial Cemetery of the Pacific	2,586,678	2,594,934	2,605,818
Pacific Submarine Museum	35,998	53,903	60,287
Paradise Park	335,000	300,000	310,000
Polynesian Cultural Center	1,100,000	986,000	892,000
Puu O Mahuka State Monument <u>1/</u>	(NA)	(NA)	2,000
Queen Emma Summer Palace	19,444	17,562	15,556
Royal Mausoleum State Monument <u>1/</u>	88,000	86,000	45,000
Sea Life Park <u>8/</u>	650,000	624,188	566,427
Tennant Art Foundation Gallery	(NA)	(NA)	2,500-3,000
Tropic Lightning Historical Center <u>9/</u>	13,000	3,645	3,800
Ulu Po Heiau State Monument <u>1/</u>	(NA)	(NA)	1,000
U.S. Army Museum, Ft. DeRussy	134,018	150,161	133,067
U.S.S. Arizona Memorial <u>10/</u>	1,237,759	1,205,677	1,270,171
By Navy boats	728,224	761,009	891,313
By civilian boats	509,535	444,668	378,858
Wahiawa Botanic Garden	60,337	53,304	54,574
Waikiki Aquarium	257,951	246,707	267,830
Waimea Falls Park	405,011	420,965	405,863
Hawaii	1,917,926	1,995,208	2,004,694
Hulihee Palace	14,154	20,105	18,512
Kamuela Museum	18,739	(NA)	(NA)
Kilauea Visitor Center <u>11/</u>	1,813,000	1,894,000	1,895,000
Lapakahi State Park <u>1/</u>	40,000	52,000	55,000
Lyman House Memorial Museum	32,033	25,103	22,182
Mookini Heiau <u>1/</u>	(NA)	4,000	14,000

Continued on next page.

Table 185.-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS:
1979 TO 1981 -- Con.

Island and cultural attraction	1979	1980	1981
Mauai	86,259	107,177	127,646
Baldwin Home Museum	34,875	30,575	32,311
Brig <u>Carthaginian</u> <u>12/</u>	-	32,204	45,833
Hale Hoikeike	7,384	7,398	7,502
Halekii-Pihana State Monument <u>1/</u>	44,000	37,000	42,000
Kauai	398,761	412,264	433,053
Grove Farm Homestead <u>13/</u>	(NA)	900	4,237
Hanalei Museum	6,500	7,000	3,800
Kauai Museum <u>14/</u>	24,084	27,642	27,602
Kokee Natural History Museum	94,577	84,397	61,920
Russian Fort State Monument <u>1/</u>	267,000	287,000	329,000
Waioli Mission House Museum	6,600	5,325	6,494
Molokai	10,918	10,423	8,500
Kalaupapa Settlement	10,918	10,423	8,500

NA Not available.

1/ Years ended June 30.

2/ Closed June 30, 1979.

3/ Opened end of June 1980.

4/ Opened August 1979. Closed Sept.-Dec. 1981 for renovation.

5/ Closed December 31, 1980.

6/ 1980 figure is for year ended September 30; 1981 figure, for year ended June 30.

7/ Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitors' Center. The 1979 figure has been revised from the 1980 edition, table 150.

8/ Years beginning March 1.

9/ Figure for 1979 is a rough estimate and may not be comparable to 1980.

10/ All persons visiting either the Memorial or the Visitor Center, including all non-landing tour boat passengers. The number visiting both the Memorial and Visitor Center and using the Navy ferry was 851,320.

11/ Located in Hawaii Volcanoes National Park. The attendance shown for the Visitor Center is an estimate based on 80 percent of the National Park total. Data for 1979 and 1980 have been revised.

12/ Reopened April 1980, after 8-year restoration.

13/ Opened October 1, 1980.

14/ Years ended September 30.

Source: Hawaii State Department of Planning and Economic Development, Attendance at Museums and Other Cultural Attractions, 1981 (Statistical Memorandum 82-3, May 14, 1982).

Table 186.-- MUSEUMS, ART GALLERIES, BOTANICAL, ZOOLOGICAL GARDENS: 1977

[Data limited to tax-exempt establishments with payroll.]

Subject	Total	Commercial	Noncommercial
Number of establishments	24	4	20
Revenue, total (\$1,000)	5,536	477	5,059
Admissions	378	6	372
Govt. or private contributions	2,927	-	2,927
All other sources	2,231	471	1,760
Expenses, total (\$1,000)	5,808	486	5,322

Source: U.S. Bureau of the Census, 1977 Census of Service Industries, SC77-S-9, Miscellaneous Subjects (June 1981), table 19.

Table 187.-- ZOOS: 1980 AND 1981

Zoo	Animal and bird inventory <u>1/</u>				Attendance	
	Species		Individuals		1980	1981
	1980	1981	1980	1981		
Coco Palms (Kauai)	6	6	33	46	5,000	6,043
Honolulu Zoo	381	361	1,729	1,602	1,300,000	1,054,000
Maui Zoological & Botanical Gardens	38	43	121	144	80,000	75,000-
Panaewa Rainforest Zoo (Hilo)	50	53	149	145	32,353	32,285

1/ As of December 31.

Source: Data obtained by Hawaii State Department of Planning and Economic Development from Coco Palms Resort Hotel and the departments of parks and recreation of the City and County of Honolulu and Counties of Hawaii and Maui.

Table 188.-- NATIONAL PARKS: 1970 TO 1981

Year and area	Areas, Dec. 31	Acreage, Dec. 31			Visits
		Total	Federal	Non- Federal	
1970 <u>1/</u>	3	257,181	232,038	25,042	1,233,226
1971 <u>1/</u>	3	257,181	228,707	(NA)	1,478,849
1972 <u>1/</u>	4	257,281	238,401	18,718	2,046,081
1973	4	257,219	238,435	18,784	2,025,593
1974	4	247,910	232,007	15,903	2,298,676
1975	4	247,910	237,732	10,178	2,559,429
1976	4	247,910	237,732	10,178	2,895,840
1977	4	247,910	237,732	10,178	2,932,555
1978	5	249,210	237,732	11,478	3,572,504
1979	5	249,210	238,000	11,210	3,384,343
1980	6	249,224	238,014	11,210	3,479,797
1981	7	265,881	246,788	19,093	4,225,217
AREAS: 1981					
Hawaii Volcanoes					
National Park .....	...	224,731	219,082	5,649	2,368,907
Haleakala National Park ...	...	28,655	27,456	1,199	644,661
Pu'uuhonua o Hōnaunau					
National Historical Park	...	181	181	-	335,441
Puukohola Heiau National					
Historical Site .....	...	100	34	66	24,888
Kaloko-Honokohau National					
Historical Park .....	...	1,300	-	1,300	-
U.S.S. Arizona Memorial ...	...	12	12	-	851,320
Kalaupapa National					
Historical Park <u>2/</u> .....	...	10,902	23	10,879	-

NA Not available.

1/ Federal and non-Federal acreage data exclude Puukohola Heiau and are not consistent with the total acreage, which refers to total area authorized as of these dates.

2/ Acreage total includes 2,000 acres of offshore waters.

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

Table 189.-- STATE PARKS: 1971 TO 1981

Year, island, or park	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
1971	44	15,983	487.7	13,007
1972	46	16,000	543.1	9,798
1973	46	16,108	523.7	13,271
1974	53	16,629	533.9	12,907
1975	53	18,181	578.9	12,124
1976	55	18,577	606.6	14,305
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	15,062
ISLANDS: 1981				
Hawaii	18	2,321.2	310.3	3,329
Maui	11	199.9	50.5	2,780
Molokai	1	233.7	10.0	183
Oahu	29	8,723.3	366.8	939
Kauai	12	9,397.8	200.2	7,831
MAJOR PARKS: 1981 <u>1/</u>				
Wailua River State Park <u>2/</u>	...	1,061.7	16.7	2,937
Waimea Canyon State Park	...	1,866.4	10.0	1,179
Kokee State Park .....	...	4,640.0	55.0	1,055
Hana Road Waysides .....	...	14.3	4.0	991
Olowalu-Kaanapali Wayside	...	14.0	14.0	969
Fern Grotto <u>3/</u> .....	...	14.6	14.6	814
Hapuna Beach State Park ..	...	300.0	26.8	807
Lydgate <u>3/</u> .....	...	36.7	36.7	781
Wailuku River Rec. Area ..	...	81.0	24.9	631
Akaka Falls State Park ...	...	65.4	6.0	590
Iao Valley State Park ....	...	5.9	5.9	549
Kahana Valley State Park .	...	5,260.0	20.0	8

1/ Parks with more than 500,000 recreation visits during the year, or with more than 1,500 total acres.

2/ Excluding Fern Grotto and Lydgate sections.

3/ Part of Wailua River State Park.

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

Table 190.-- COUNTY PARKS: 1980 AND 1981

[As of December 31.]

County	Number of areas		Acreage	
	1980	1981	1980	1981
State total <u>1/</u>	617	621	8,247	8,247
Hawaii	133	134	1,440	1,445
Maui	89	91	944	952
Honolulu <u>1/</u>	338	338	5,339	5,344
Kauai	57	58	524	506

1/ 1980 acreage revised from 1981 edition, table 173.

Source: Information obtained by the Hawaii State Department of Planning and Economic Development from the City and County of Honolulu Department of Parks and Recreation, Hawaii County Department of Parks and Recreation, Kauai County Department of Public Works, and Maui County Department of Parks and Recreation.

Table 191.-- ATTENDANCE AND WATER SAFETY AT BEACH PARKS,
FOR THE CITY AND COUNTY OF HONOLULU: 1980 AND 1981

[Years ended June 30.]

Subject	1980	1981
Attendance, total <u>1/</u>	18,939	14,715
Ala Moana	1,608	1,696
Waikiki	12,731	6,050
Hanauma Bay	1,327	2,425
Sandy	549	825
Kailua	381	528
Waimea Bay	650	848
Makaha	345	530
Rescues	745	907
First aid: Minor	17,989	23,204
Major	375	538
Surfing accidents	325	64
Resuscitation	34	22
Lost children	194	51
Ambulance assistance	82	75
Police assistance	266	15
Helicopter assistance	2	8
Near drownings	6	11
Dead on arrival	-	1

1/ In thousands. Shown separately for beach parks over 500,000 in 1981; for other beach parks, see source. Based on headcounts taken at approximately two-hour intervals by lifeguards over an 8-hour work day. Data for some of the smaller beach parks are limited to weekends or the summer months.

Source: City and County of Honolulu, Department of Parks and Recreation, Water Safety Division Statistical Activities Report (annual).

Table 192.-- COUNTY GOLF COURSES AND CAMPING PERMITS, FOR OAHU:
1978 TO 1981

Calendar year	Public golf courses			Camping permits issued <u>1/</u>
	Courses	Holes	Rounds played	
1978	4	63	398,337	9,569
1979	4	63	351,204	8,414
1980	4	63	424,426	6,744
1981	4	63	461,543	12,135

1/ By the City and County of Honolulu.

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

Table 193.-- FISHING AND HUNTING LICENSES
ISSUED: 1976 TO 1981

[Years ended June 30.]

Year	Freshwater game fishing licenses	Hunting licenses
1976	8,574	12,754
1977	8,129	12,519
1978	8,804	11,925
1979	8,208	11,680
1980	7,815	11,905
1981	8,102	12,284

Source: Hawaii State Department of Land and Natural Resources, Report to the Governor (annual) and Division of Conservation and Resources Enforcement, records.

Table 194.-- RECREATION RESOURCES AND FACILITIES AND RELATED OPEN SPACE
ACREAGE: 1975 AND 1980

Category	State totals		Counties: 1980			
	1975	1980	Hono- lulu	Hawaii	Kauai	Maui
Total acreage <u>1/</u>	1,468,368	1,584,042	132,111	936,864	213,809	301,258
Recreation resources (acres):						
Park-related beach	285	366	195	16	99	56
Hunting areas	899,468	924,283	20,027	608,100	125,926	170,230
Recreation facilities:						
Improved acreage <u>1/</u>	4,979	5,186	2,722	1,264	682	518
Active	2,410	2,559	1,362	575	376	246
Passive	2,019	2,198	1,091	614	282	211
Service	393	434	268	75	30	61
Linear facilities (miles):						
Trails	424	827	109	429	155	170
Bikeways	-	41	38	-	3	-

1/ Detail does not always add to indicated totals, for unstated reasons.

Source: Hawaii State Department of Land and Natural Resources, State Recreation Plan, Technical Reference Document (September 1980), p. 57.

Table 195.-- RECREATIONAL FACILITIES AND RESOURCES, BY COUNTIES:
1980

Type of facility or site	State total	Honolulu	Hawaii	Kauai	Maui
Active parks (sites)	428	272	65	38	53
Public	220	122	38	28	32
DOE and UH <u>1/</u>	208	150	27	10	21
Swimming pools	52	35	7	5	5
Sport fields	481	302	69	61	49
Public	349	220	42	54	33
DOE and UH <u>1/</u>	132	82	27	7	16
Sport courts	792	622	67	47	56
Public	555	473	19	35	28
DOE and UH <u>1/</u>	237	149	48	12	28
Tennis courts	494	304	69	71	50
Public	258	178	38	19	23
Private	87	21	13	42	11
DOE and UH <u>1/</u>	149	105	18	10	16
Golf courses (sites)	40	17	9	4	10
Public	8	5	1	1	1
Private	32	12	8	3	9
Boat lanes	66	25	19	13	9
Boat moorages	2,385	1,820	297	91	177
Sandy beaches (sites) ...	221	103	29	40	49
Improved park	84	43	8	18	15
Unimproved	137	60	21	22	34
Picnicking sites	170	65	42	26	37
Beach	113	47	29	19	18
Inland	57	18	13	7	19
Camping sites	64	21	19	13	11
Beach	51	20	14	12	5
Inland	13	1	5	1	6

1/ Hawaii State Department of Education and University of Hawaii.

Source: Hawaii State Department of Land and Natural Resources, State Recreation Plan, Technical Reference Document (September 1980), pp. 67, 69, 71, 73, and 75.

Table 196.-- 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 <u>1/</u>		Percent of State total accounted for by --	
	State total	Oahu only	Residents	Visitors
All activities	986,430	737,417	83	17
Walking	240,434	191,201	78	22
Jogging	73,068	62,181	96	5
Hiking	15,709	10,413	79	21
Camping	20,809	16,130	96	5
Group camping	3,804	913	89	11
Picnicking	84,716	58,447	94	6
Hunting	1,502	234	90	10
Golf	15,681	11,714	79	21
Swim or sunbathing	171,525	123,616	75	25
Diving	20,875	13,483	77	23
Surfing	22,608	15,587	81	19
Boating	18,563	13,547	73	27
Canoe paddling	3,233	1,786	87	13
Fishing	24,875	17,322	96	4
Field games	32,404	27,065	98	2
Court games	19,070	15,891	100	0
Playground equipment	14,928	11,175	100	1
Tennis	18,106	12,749	85	15
Outdoor events	19,071	15,562	76	24
Bicycling	74,909	54,403	100	0
Motorcycling	8,722	6,719	83	17
Other activities	22,606	18,008	98	3
Sightseeing	59,212	39,271	47	53

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 Plan, Technical Reference Document (September 1980), pp. 80 and 83.

Table 197.-- GOLF COURSES, BY ISLANDS: 1981

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 <u>1</u> /	4	2	2	-	54
Municipal	1	-	1	-	18
Resort	6	-	6	-	108
Maui	10	2	8	-	162
Private	1	1	-	-	9
Public <u>1</u> /	1	1	-	-	9
Municipal	1	-	1	-	18
Resort	7	-	7	-	126
Lanai	1	1	-	-	9
Public <u>1</u> /	1	1	-	-	9
Molokai	2	1	1	-	27
Public <u>1</u> /	1	1	-	-	9
Resort	1	-	1	-	18
Oahu	28	5	23	-	459
Private	4	-	4	-	72
Public <u>1</u> /	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 <u>1</u> /	1	1	-	-	9
Municipal	1	-	1	-	18
Resort <u>2</u> /	3	-	2	1	63

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

2/ Includes one 18-hole course under construction in 1981.

Source: Thomas Kemper Hitch and Mary Ishii Kuramoto, Waialae Country Club, The First Half Century (1981), pp. 185-188.

Table 198.-- WATER RECREATION FACILITIES AND RESOURCES, BY ISLANDS: 1981

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 .	1,254	790	184.9	24.4	1,600
Hawaii	26	303	19.4	1.2	185
Maui	41	146	32.6	7.9	212
Lanai	24	-	18.2	-	99
Molokai	3	29	23.2	-	180
Oahu	1,102	275	50.3	12.5	594
Kauai	58	37	41.2	2.8	330

1/ As of December 31, 1981.

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 (monthly); 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 199.-- COUNTY TENNIS FACILITIES: 1980 AND 1981

Island	Locations		Courts	
	Feb. 1980	Dec. 31, 1981	Feb. 1980	Dec. 31, 1981
State total ...	80	81	242	252
Hawaii	21	21	45	45
Maui	11	10	33	32
Lanai	1	1	2	1
Molokai	-	1	-	2
Oahu	39	39	146	150
Kauai	8	9	16	22
Niihau	-	-	-	-

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

Table 200.-- HONOLULU MARATHON FINISHERS AND WINNING TIMES: 1973 TO 1981

Year	Number of finishers	Winning time (hr., min., sec.)	
		Men	Women
1973	151	2:27:34	3:25:31
1974	297	2:23:02	3:01:59
1975	706	2:17:24	2:49:24
1976	1,443	2:20:37	2:44:44
1977	2,900	2:18:38	2:48:08
1978	5,587	2:17:05	2:43:10
1979	6,512	2:16:13	2:40:07
1980	6,630	2:16:55	2:35:26
1981	7,170	2:16:54	2:33:35

Source: Honolulu Marathon Association, records.

Table 201.-- PROFESSIONAL BASEBALL (HAWAII ISLANDERS): 1980 TO 1982

Season	Games					Home openings	
	Number played	Won	Lost	Percent won	Ahead or behind	Number	Attendance
1980:							
First half	65	40	25	.615	+4	37	66,357
Second half	76	36	40	.474	-8	27	71,420
Div. playoffs ...	3	2	1	.667	...	3	10,553
Champ. playoffs .	5	2	3	.400	...	-	-
1981:							
First half	66	35	31	.530	+ 1 1/2	37	72,105
Second half	71	37	34	.521	- 6 1/2	28	85,973
Div. playoffs ...	3	1	2	.333	...	3	16,294
1982:							
First half	71	36	35	.507	-10	31	52,355
Second half	73	37	36	.507	-3	34	86,522

Source: Ferd Borsch, Islanders scorer, records.

Table 202.-- PUBLIC HIGH SCHOOL SPORTS: 1980-1981 SEASON

Sport	Players	Games <u>1/</u>	Attendance	Expenditure <u>1/</u> (dollars)
Baseball	Boys	328	61,275	114,658
Basketball ..	Boys and girls	810	89,634	294,284
Football	Boys	256	244,680	336,763

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

2/ Data on expenditures and encumbrances reflect both general and trust funds.

Source: Hawaii State Department of Education, Office of Instructional Services, Athletics Program, letter dated October 15, 1981.

Table 203.-- VARSITY SPORTS AT THE UNIVERSITY OF HAWAII-MANOA:
1978-1979 TO 1981-1982

[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: <u>1/</u>					
1978-1979	69	15	-	45	81,162
1979-1980	60	18	-	40	32,931
1980-1981	50	16	-	38	40,972
1981-1982	59	17	-	42	63,846
Basketball: <u>2/</u>					
1978-1979	10	17	-	20	71,902
1979-1980	13	14	-	18	64,019
1980-1981	14	13	-	18	83,785
1981-1982	17	10	-	19	73,869
Football:					
1978-1979	6	5	-	9	327,295
1979-1980	6	5	-	9	334,364
1980-1981	8	3	-	8	342,862
1981-1982	9	2	-	8	340,261

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 204.-- DOG LICENSES ISSUED, BY ISLANDS: 1980 AND 1981

Year	State total	Hawaii	Maui	Lanai	Molokai	Oahu <u>1/</u>	Kauai
1980	61,115	6,069	4,820	122	398	48,407	1,299
1981	46,706	5,532	4,349	140	393	35,081	1,211

1/ Effective July 1, 1980, new licenses became effective for two years rather than one.

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