

Section 7

RECREATION AND TRAVEL

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

Information on recreation and tourism is issued periodically by the Hawaii Visitors & Convention Bureau (particularly in its annual research reports), the State Parks Division of the Hawaii State Department of Land and Natural Resources, the Hawaii State Department of Business, Economic Development & Tourism, U.S. National Park Service, County park and recreation departments, and other organizations. Long-term trends are summarized in *Historical Statistics of Hawaii*, Section 11. National statistics are given in Section 7 of the *Statistical Abstract of the United States: 1997*.

Table 7.01-- TRAVEL CHARACTERISTICS FOR HAWAII AND THE UNITED STATES: 1977 AND 1995

[Trips of 100 miles or more, one way. Excludes travel outside the U.S.]

Subject	Hawaii			United States		
	1977	1995	Percent change	1977	1995	Percent change
People who live in area						
Percent traveling households	67	75	12.5	72	80	10.8
Trips per household	1.3	3.1	138.5	4.1	5.5	34.1
Trips per traveling household	1.9	4.2	121.1	5.7	6.9	21.1
Trips per capita	0.5	1.9	280.0	2.0	4.0	66.7
Trips per traveler	(NA)	2.7	(NA)	4.0	4.8	20.0
Miles per traveler	(NA)	7,392	(NA)	2,836	3,943	39.0
Miles per trip	(NA)	2,704	(NA)	709	827	16.6
People who visit area						
Trips per traveler	2.1	3.4	61.9	4.0	4.8	20.0
Miles per traveler	14,654	16,538	12.9	2,836	3,943	39.0
Miles per trip	7,013	4,885	-30.3	709	827	16.6

NA Not available.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, State Highlights, Hawaii* (1997), table 1.

Table 7.02-- PERSON TRIPS TO, FROM, AND WITHIN HAWAII, BY CENSUS DIVISIONS OR STATES OF DESTINATION OR ORIGIN: 1995

[Trips of 100 miles of more, one way. Excludes travel outside the U.S.]

Census division or selected state of destination or origin 1/	Destination of person trips from Hawaii (1,000)	Origin of person trips to Hawaii (1,000)
Total person trips	2,086	4,624
Within Hawaii 2/	1,322	1,322
To or from other states	764	3,302
New England	9	69
Mid-Atlantic	36	189
East North Central	36	269
West North Central	18	146
South Atlantic	71	188
East South Central	13	42
West South Central	33	214
Texas	26	182
Mountain	263	236
Nevada	218	35
Pacific (except Hawaii)	285	1,949
Washington	56	261
California	210	1,530

1/ Top three states in each category are listed.

2/ Trips with both origin and destination within Hawaii.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, Summary Travel Characteristics, Hawaii* (1997), Pub. No. BTS/ATS95-ESTC/HI (Oct. 1, 1997), tables 6-11.

**Table 7.03-- PERSON TRIPS TO, FROM, AND WITHIN HAWAII, BY
SELECTED TRAVELER CHARACTERISTICS: 1995**

[Trips of 100 miles or more, one way. Excludes travel outside the U.S.]

Travel characteristics	Origin in Hawaii			Destination in Hawaii 1/	
	Total	Dest. in Hawaii	Dest. outside Hawaii	Total	Origin outside Hawaii
All person trips (1,000)	2,086	1,322	764	4,624	3,302
Age (percent):					
Under 25 years	18.7	20.5	15.8	17.2	15.8
60 years and over	16.5	11.4	25.4	14.6	15.9
Female (percent)	46.1	45.3	47.4	47.3	48.1
Race (percent):					
White	36.2	34.8	38.6	65.4	77.6
Black	1.7	1.1	2.7	2.0	2.3
Asian or Pacific Islander	55.7	56.2	54.8	29.2	18.4
Household income over \$60,000 (percent)	50.9	49.1	53.9	53.3	54.9
Married-couple household (percent)	74.3	71.8	78.5	74.9	76.1
Bachelor's degree or higher (percent) 2/	39.9	40.8	38.6	45.9	47.8
Activity status (percent): 2/					
Working full time	69.1	73.5	62.1	68.4	66.5
Retired	13.3	8.5	20.9	9.8	10.3
All household trips (1,000)	1,494	939	555	2,992	2,054
Mean round-trip distance (miles)	2,769	359	6,842	4,731	6,729
Business trip (percent)	41.6	48.4	30.1	30.3	22.0
Vacation trip (percent)	43.7	35.2	58.1	61.6	73.7
Mean nights away from home	6.7	3.4	10.7	8.6	10.3
Lodging at destination (percent):					
Friend's or relative's home	40.6	46.4	33.6	27.0	20.9
Hotel, motel, or resort	50.5	43.6	58.8	51.9	54.6

1/ Includes "destination in Hawaii, origin in Hawaii," same as figures in second column of data.

2/ Persons 16 years and over.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, Summary Travel Characteristics, Hawaii*, Pub. No. BTS/ATS95-ESTC/HI (Oct. 1, 1997), tables 1 and 11.

**Table 7.04-- PASSENGERS ARRIVING, BY DIRECTION OF TRAVEL AND
TRANSIT STATUS: 1988 TO 1997**

Direction and status	1988	1989	1990	1991	1992
All directions	7,894,680	8,236,250	8,507,330	8,272,760	8,405,740
Landing	6,715,600	7,149,700	7,453,550	7,286,140	7,266,350
Intransit	1,179,080	1,086,550	1,053,780	986,620	1,139,390
Westbound 1/	5,443,980	5,734,910	5,692,950	5,444,070	5,295,770
Landing	4,793,580	5,115,410	5,127,690	4,913,650	4,664,350
Intransit	650,400	619,500	565,260	530,420	631,420
Eastbound 2/	2,450,700	2,501,340	2,814,380	2,828,690	3,109,970
Landing	1,922,020	2,034,290	2,325,860	2,372,490	2,602,000
Intransit	528,680	467,050	488,520	456,200	507,970
Direction and status	1993	1994	1995	1996	1997
All directions	7,878,950	7,909,250	7,957,220	8,049,980	7,984,660
Landing	6,945,630	7,263,820	7,466,710	7,648,880	7,723,580
Intransit	933,320	645,430	490,510	401,100	261,080
Westbound 1/	5,039,640	5,197,640	5,056,770	5,078,740	5,147,470
Landing	4,520,430	4,772,380	4,725,150	4,801,570	4,907,620
Intransit	519,210	425,260	331,620	277,170	239,850
Eastbound 2/	2,839,310	2,711,610	2,900,450	2,971,240	2,837,190
Landing	2,425,200	2,491,440	2,741,560	2,847,310	2,815,960
Intransit	414,110	220,170	158,890	123,930	21,230

1/ Arriving from North America.

2/ Arriving from Asia or Oceania.

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.05-- PASSENGER STATUS OF PARTIES AND PASSENGERS
ARRIVING IN HAWAII, BY DIRECTION OF TRAVEL: 1992 TO 1994**

Year and direction of travel	All types	Visitors destined to Hawaii	Visitors destined beyond Hawaii		Returning residents	Intended residents
			Overnight or longer	Intransit		
PARTIES 1/						
1992, total	4,401,170	3,415,940	501,080	(NA)	455,220	28,930
Westbound	2,523,020	1,888,450	205,040	(NA)	404,050	25,480
Eastbound	1,878,150	1,527,490	296,040	(NA)	51,170	3,450
1993, total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Westbound	(NA)	(NA)	(NA)	(NA)	453,230	25,040
Eastbound	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1994, total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Westbound	(NA)	(NA)	(NA)	(NA)	467,430	21,960
Eastbound	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
PASSENGERS						
1992, total	8,405,740	5,699,600	814,280	1,139,390	706,370	46,070
Westbound	5,295,770	3,606,940	373,180	631,420	642,410	41,790
Eastbound	3,109,970	2,092,860	441,100	507,970	63,960	4,280
1993, total	7,878,950	5,456,550	667,680	933,320	779,350	42,050
Westbound	5,039,640	3,461,650	302,870	519,210	716,100	39,810
Eastbound	2,839,310	1,994,900	364,810	414,110	63,250	2,240
1994, total	7,909,250	5,732,600	697,700	645,430	792,450	41,070
Westbound	5,197,640	3,740,380	257,440	425,260	738,540	36,020
Eastbound	2,711,610	1,992,220	440,260	220,170	53,910	5,050

NA Not available.

1/ Not surveyed for intransit passengers.

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

**Table 7.06-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS:
1965 TO 1997**

[For earlier years, 1921-1964, see *Data Book 1987*, table 210]

Year	Visitors staying overnight or longer			Average number of visitors present		
	Total	West-bound	East-bound	Total	West-bound	East-bound
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	4,367,880	3,395,880	972,000	108,040	97,390	10,650
1984	4,855,580	3,721,380	1,134,200	118,660	106,260	12,400
1985	4,884,110	3,708,610	1,175,500	116,700	103,820	12,880
1986	5,606,980	4,256,390	1,350,590	132,910	118,110	14,800
1987	5,799,830	4,204,010	1,595,820	134,270	116,780	17,490
1988	6,142,420	4,264,730	1,877,690	141,410	115,760	25,650
1989	6,641,820	4,705,320	1,936,500	169,670	135,480	34,190
1990	6,971,180	4,719,730	2,251,450	162,070	125,590	36,480
1991	6,873,890	4,584,460	2,289,430	157,590	121,330	36,260
1992	6,513,880	3,980,120	2,533,760	153,390	113,860	39,530
1993	6,124,230	3,764,520	2,359,710	148,750	108,090	40,660
1994	6,430,300	3,997,820	2,432,480	159,200	115,220	43,980
1995	6,629,180	3,933,110	2,696,070	159,060	113,040	46,020
1996	6,829,800	4,004,450	2,825,350	161,610	114,440	47,170
1997	6,876,140	4,077,950	2,798,190	157,810	114,960	42,850

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

**Table 7.07-- CITIZENSHIP OF OVERNIGHT AND LONGER VISITORS TO
HAWAII: 1996 AND 1997**

Country of citizenship	1996			1997		
	Total	West-bound	East-bound	Total	West-bound	East-bound
All visitors	6,829,800	4,004,450	2,825,350	6,876,140	4,077,950	2,798,190
United States 1/	3,641,310	3,284,260	357,050	3,726,540	3,387,180	339,360
Canada	348,830	269,230	79,600	327,200	250,710	76,490
Asia						
Japan	2,090,190	77,200	2,012,990	2,092,480	65,200	2,027,280
Taiwan	77,380	7,910	69,470	60,880	7,390	53,490
Korea	122,000	16,780	105,220	116,740	15,330	101,410
Hong Kong	24,000	6,400	17,600	19,430	5,550	13,880
China	27,140	15,550	11,590	31,320	18,830	12,490
Philippines	16,460	11,480	4,980	13,570	6,320	7,250
Singapore	14,620	1,470	13,150	12,960	1,510	11,450
Indonesia	19,120	10,340	8,780	20,410	10,010	10,400
Other Asia	26,490	10,870	15,620	29,680	13,930	15,750
Oceania						
Australia	85,130	43,490	41,640	74,740	29,760	44,980
New Zealand	32,960	15,460	17,500	36,950	14,910	22,040
Other Oceania	11,360	2,100	9,260	17,550	3,090	14,460
Europe						
United Kingdom	76,570	53,150	23,420	82,180	60,930	21,250
Germany	86,230	74,000	12,230	76,090	69,580	6,510
Other Europe	97,850	81,580	16,270	102,890	87,130	15,760
Other foreign countries	32,160	23,180	8,980	34,530	30,590	3,940

1/ Excludes Hawaii. Includes remaining 49 states, D.C., and U.S. territories and possessions.
Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.08-- VISITOR DAYS, BY DIRECTION OF TRAVEL:
1991 TO 1997**

Year	Total	Westbound	Eastbound
1991	57,518,790	44,285,880	13,232,910
1992	56,139,630	41,671,860	14,467,770
1993	54,294,750	39,452,170	14,842,580
1994	58,111,440	42,057,070	16,054,370
1995	58,054,840	41,258,320	16,796,520
1996	59,149,400	41,886,550	17,262,890
1997	57,603,990	41,962,110	15,641,880

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

**Table 7.09-- AVERAGE VISITOR CENSUS, BY COUNTIES AND ISLANDS:
1996 AND 1997**

[Westbound data based largely on intended island visits and length of stay, as reported on arrival in Hawaii. Eastbound data reflect actual visits]

County or island	1996			1997		
	Total	West-bound	East-bound	Total	West-bound	East-bound
State total	161,610	114,440	47,170	157,810	114,960	42,850
Oahu	84,490	45,370	39,120	77,020	42,230	34,790
Hawaii County	19,150	16,650	2,500	21,360	18,960	2,400
Kauai County	15,330	14,200	1,130	16,160	14,770	1,390
Maui County	42,640	38,220	4,420	43,270	39,000	4,270
Lanai	1,860	1,840	20	1,860	1,770	90
Maui	39,320	34,930	4,390	39,940	35,810	4,130
Molokai	1,460	1,450	10	1,470	1,420	50

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

**Table 7.10-- VISITOR ARRIVALS, WESTBOUND AND OTHER, BY AREAS
VISITED: 1996 AND 1997**

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

Areas visited 1/	1996			1997		
	Total	West-bound	East-bound	Total	West-bound	East-bound
State total 2/	6,829,800	4,004,450	2,825,350	6,876,140	4,077,950	2,798,190
Oahu	4,989,090	2,357,750	2,631,340	5,017,940	2,279,850	2,738,090
Kauai	962,350	828,340	134,010	1,007,980	856,930	151,050
Maui County 2/	2,325,030	1,830,140	494,890	2,352,120	1,879,320	472,800
Maui	2,266,700	1,772,300	494,400	2,282,280	1,820,830	461,450
Molokai	74,010	72,910	1,100	84,350	71,050	13,300
Lanai	93,240	91,150	2,090	104,550	94,750	9,800
Hawaii County 2/	1,165,300	882,940	282,360	1,205,750	915,410	290,340
Hilo side	376,780	277,280	99,500	379,790	289,330	90,460
Kona side	984,830	772,120	212,710	1,023,360	797,780	225,580
One island only	4,797,220	2,649,580	2,147,640	4,825,850	2,744,280	2,081,570
Oahu only	3,244,840	1,267,100	1,977,740	3,251,920	1,223,730	2,028,190

1/ Westbound data based largely on intended visits, as reported upon arrival in state. Beginning in 1994, eastbound data reflect actual visits.

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

Source: Hawaii Visitors & Convention Bureau, records.

Table 7.11-- SUMMARY CHARACTERISTICS OF OVERNIGHT AND LONGER VISITORS, BY DIRECTION OF TRAVEL: 1996 AND 1997

Subject	Total	Westbound	Eastbound
1996			
Residence (percent):			
United States	53.3	82.0	12.6
Pacific and Mountain States	30.4	48.6	4.5
California	19.4	31.4	2.3
Males per 100 females	133.0	127.0	143.0
Average age (years)	39.6	43.7	33.7
High-status occupations 1/ (percent)	36.4	42.2	28.1
Persons per party	1.8	1.9	1.7
Arriving June-August (percent)	27.0	27.0	28.0
Repeat visitors 2/ (percent)	54.8	62.5	43.9
Pleasure trip (percent)	83.0	78.1	89.8
In hotel only	66.8	55.5	82.7
Destined beyond Hawaii (percent)	(NA)	5.7	(NA)
1997			
Residence (percent):			
United States	54.2	83.1	12.1
Pacific and Mountain States	(NA)	(NA)	(NA)
California	18.4	(NA)	(NA)
Males per 100 females	(NA)	(NA)	(NA)
Average age (years)	(NA)	(NA)	(NA)
High-status occupations 1/ (percent)	39.0	43.1	33.1
Persons per party	2.1	1.9	2.5
Arriving June-August (percent)	27.0	27.0	27.0
Repeat visitors 2/ (percent)	58.1	63.2	50.8
Pleasure trip (percent)	82.8	78.2	89.7
In hotel only	65.5	54.6	81.4
Destined beyond Hawaii (percent)	9.3	4.9	15.7

NA Not available.

1/ Senior management, middle management, and professional as a percent of all visitor party heads.

2/ Party heads.

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.12-- WESTBOUND VISITORS FROM OTHER STATES BY
AREA OF RESIDENCE: 1996 AND 1997**

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

Residence	1996	1997
United States	3,284,260	3,387,180
Pacific	1,633,730	1,663,760
Alaska	31,730	30,970
California	1,257,670	1,262,570
Oregon	111,970	121,700
Washington	232,360	248,520
Mountain	313,490	339,620
West North Central	167,450	166,100
West South Central	179,870	191,440
East North Central	337,980	334,600
East South Central	67,920	67,500
New England	93,520	90,190
Middle Atlantic	208,620	203,840
South Atlantic	272,510	270,350
Other	9,170	59,780

Source: Hawaii Visitors & Convention Bureau, records.

Table 7.13-- TRIP CHARACTERISTICS OF VISITORS, BY DIRECTION OF TRAVEL: 1996 AND 1997

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

Subject	Westbound		Eastbound	
	1996	1997	1996	1997
All visitors 1/	4,004,450	4,077,950	2,825,350	2,798,190
Purpose of visit: 1/				
Pleasure	3,128,890	3,187,090	2,536,910	2,509,780
Honeymoon	258,660	262,320	301,940	358,890
Meetings, conventions, incentive 1/	341,680	340,400	87,500	103,170
Convention	217,560	211,310	38,300	38,780
Corporate meeting	69,810	74,400	20,410	33,130
Incentive	58,990	60,020	29,720	32,800
Other business	171,330	176,250	52,680	23,430
Visit friends or relatives	345,940	346,410	72,940	64,080
Government or military	53,710	54,490	29,910	19,040
Attend school	10,790	10,800	12,930	23,840
Traveler method:				
Tour group	405,100	383,760	1,670,330	1,240,530
Package	1,486,650	1,463,640	2,078,030	1,925,720
Group tour and package	322,790	306,660	1,628,090	1,193,720
True independent	2,435,500	2,537,210	705,080	825,660
Accommodations:				
Hotel	2,487,160	2,490,310	2,379,850	2,322,780
Hotel only	2,222,480	2,226,280	2,337,430	2,276,690
Condo	1,022,170	1,076,430	255,450	316,810
Condo only	842,940	895,550	234,870	283,220
Friends, relatives	456,870	459,850	90,120	70,340
Cruise ship	60,790	55,420	4,390	6,600
Other accommodations	124,190	131,530	50,430	50,430

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

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.14-- CHARACTERISTICS OF VISITOR PARTY HEADS,
BY DIRECTION OF TRAVEL: 1993**

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

Subject	Total	Westbound	Eastbound
All visitor party heads	3,380,100	2,023,940	1,356,160
Occupation:			
Senior management, executive	348,600	232,820	115,780
Middle management	325,590	206,830	118,760
Sales, marketing	311,700	192,840	118,860
Clerical, administration	291,290	98,030	193,260
Professional	573,610	427,720	145,890
Technical, trade	213,340	121,800	91,540
Labor	125,220	25,820	99,400
Farming/Fishing	17,060	11,610	5,450
Homemaker	150,060	53,540	96,520
Military service	39,870	23,670	16,200
Military dependent	5,360	2,890	2,470
Student	222,280	102,480	119,800
Self-employed	229,980	146,580	83,400
Retired	295,030	259,280	35,750
Other non-employed	47,790	18,960	28,830
Other employed	183,270	99,050	84,220
Trips to Hawaii:			
First trip	1,502,780	769,100	733,680
Second trip	655,150	374,430	280,720
Third trip	320,380	202,390	117,990
Fourth trip and over	901,790	678,020	223,770
Persons in party:			
1 person	1,239,500	808,510	430,990
2 persons	1,406,100	930,960	475,140
3 persons	256,390	120,860	135,530
4 persons	262,960	105,120	157,840
5 persons or more	215,150	58,490	156,660

Source: Hawaii Visitors Bureau, records.

Table 7.15-- LENGTH OF STAY OF VISITORS STAYING OVERNIGHT OR LONGER, BY DIRECTION OF TRAVEL: 1996 AND 1997

Length of stay	1996			1997		
	Total	West-bound	East-bound	Total	West-bound	East-bound
All visitors	6,829,800	4,004,450	3,933,110	6,876,140	4,077,950	2,798,190
1 to 6 days	(NA)	1,005,980	(NA)	3,275,900	1,033,890	2,242,010
7 to 12 days	(NA)	2,129,230	(NA)	2,656,240	2,184,450	471,790
13 to 30 days	(NA)	782,110	(NA)	855,130	774,700	80,430
31 to 365 days	(NA)	87,120	(NA)	(NA)	84,910	(NA)
Median (days)	(NA)	9.31	(NA)	(NA)	(NA)	(NA)
Mean (days)	8.66	10.46	6.11	8.38	10.29	5.59

NA Not available.

Source: Hawaii Visitors and Convention Bureau, records.

**Table 7.16-- JAPANESE VISITOR ARRIVALS AND EXPENDITURES:
1992 TO 1997**

Subject	1992	1993	1994	1995	1996	1997
Arrivals (1,000)	1,637	1,592	1,756	1,999	2,090	2,092
Average stay (days)	5.7	6.1	6.1	6.0	5.8	(NA)
Expenditures (mil. dol.)	3,237	3,026	3,657	4,286	3,504	3,213

NA Not available.

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

Table 7.17-- FAMILY INCOME, EDUCATION, TRIP CHARACTERISTICS, AND SATISFACTION OF MAINLANDERS VISITING HAWAII: 1993 AND 1996

Subject	1993	1996 1/
Sample size	1,153	1,319
Family income before taxes (percent)	100.0	100.0
Under \$25,000	5.6	7.6
\$25,000 to \$49,999	23.7	23.9
\$50,000 to \$74,999	24.0	22.0
\$75,000 to \$99,999	16.2	14.9
\$100,000 to \$149,999	13.3	12.2
\$150,000 and over	7.2	8.6
Not reported	9.8	10.7
Median income (dollars)	67,115	64,886
Mean income (dollars)	79,712	(NA)
Education (percent):		
Associate degree	9	(NA)
Bachelor's or higher	56	(NA)
Using travel agent (percent)	79.8	(NA)
Islands visited (percent):		
Oahu	67.3	81.1
Kauai	18.5	21.6
Maui	59.5	32.7
Hawaii	32.8	25.1
Overall satisfaction (percent):		
Excellent	55	58
Above average	36	29
Average or below average	8	12

NA Not available.

1/ Study not conducted in 1994 and 1995.

Source: Hawaii Visitors & Convention Bureau, "The 1996 Hawaii Visitors & Convention Bureau Visitor Opinion Survey," and unpublished data.

Table 7.18-- MEETINGS AND CONVENTIONS: 1989 TO 1994

Year	No. of meetings held	Estimated attendance	Estimated guest rooms	Estimated revenue (\$1,000)
1989	754	259,399	121,533	343,965
1990	743	201,534	100,717	295,952
1991	548	177,036	86,597	220,410
1992	389	169,980	84,990	223,810
1993	372	135,938	62,790	169,453
1994	344	133,356	61,590	166,234

Source: Hawaii Visitors Bureau, Meetings, Conventions & Incentives Department.

Table 7.19-- MEETINGS AND CONVENTIONS, BY ISLANDS: 1993 AND 1994

Island	Number of meetings held		Estimated attendance	
	1993	1994	1993	1994
State total	372	344	135,938	133,356
Hawaii:				
Hilo	1	2	130	335
Kona	62	63	19,854	20,772
Maui	153	144	37,389	39,114
Lanai	12	12	40	2,820
Molokai	-	-	-	-
Oahu	141	109	75,820	61,090
Kauai	14	14	2,705	9,225

Source: Hawaii Visitors Bureau, Meetings, Conventions & Incentives Department.

Table 7.20-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1931-1932 TO 1997

[Dollars. Unweighted averages for Mainlanders before 1988 and for Japanese before 1990]

Year	Mainlanders	Japanese	Year	Mainlanders	Japanese
1931-32 1/	17.50	(NA)	1988	121.44	350.00
1951	28.00	(NA)	1989	126.57	322.00
1960-61	32.00	(NA)	1990	136.30	294.04
1965-66 1/	37.23	(NA)	1991	140.54	344.29
1974	46.20	123.00	1992	117.14	344.68
1977	54.62	146.85	1993	116.15	306.54
1980	71.24	185.00	1994	133.79	340.88
1983	85.88	227.32	1995	132.73	356.15
1986	95.40	299.00	1996	137.04	286.89
1987	102.49	324.00	1997	157.07	279.58

NA Not available.

1/ Oahu only.

Source: Hawaii Visitors Bureau, *1983 Visitor Expenditure Survey* (1985), p. 31; *1989 Expenditures, Westbound Visitors to Hawaii* (1990), pp. 29 and 30; *1991 Visitor Expenditure Report* (1992), pp. 6 and 68; *1992 Visitor Expenditure Report* (1993), p. 61; Hawaii Visitors & Convention Bureau, *Hawaii Visitors & Convention Bureau 1995 & 1996 Research Report*, pp.109-110, and records.

Table 7.21-- AVERAGE EXPENDITURE PER VISITOR DAY IN CONSTANT DOLLARS, FOR VISITORS FROM THE MAINLAND: 1931 TO 1997

Year	U.S. CPI (1982-84=100)	Average expend. per vis. day 1/	Year	U.S. CPI (1982-84=100)	Average expend. per vis. day 1/
1931-32 2/	14.4	122	1989	124.0	102
1951	26.0	108	1990	130.7	104
1960-61	29.8	107	1991	136.2	103
1965-66 2/	32.0	116	1992	140.3	83
1974	49.3	94	1993	144.5	80
1977	60.6	90	1994	148.2	90
1980	82.4	86	1995	152.4	87
1983	99.6	86	1996	156.9	88
1986	109.6	87	1997	160.5	98

1/ In constant (1982-84) dollars.

2/ Oahu only.

Source: Preceding table; U.S. Bureau of Labor Statistics, *CPI Detailed Report*, and <http://stats.bls.gov/blshome.htm>.

Table 7.22-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM THE MAINLAND AND JAPAN, BY EXPENDITURE TYPE: 1996 AND 1997

[In dollars. Excludes transpacific travel costs]

Expenditure type	Visitors from Mainland		Visitors from Japan	
	1996	1997	1996	1997
All items	137.04	157.07	286.89	279.58
Food and beverage	30.76	31.85	39.45	40.09
Restaurants	20.61	18.49	24.77	21.71
Dinner shows	3.70	5.07	3.34	5.81
Dinner or lunch cruise	1.10	3.02	5.32	6.04
Nightclubs, bars	1.92	2.15	0.69	0.63
Groceries	3.43	3.12	5.32	5.89
Entertainment	7.44	12.54	10.74	15.41
Attractions	3.08	7.81	5.22	10.18
Sports, recreation	3.90	3.37	5.25	5.05
Other entertainment	0.46	1.36	0.27	0.18
Transportation	20.05	23.96	12.21	16.52
Ground transportation	0.69	1.00	1.57	2.78
Rental vehicles	8.58	7.29	1.24	2.49
Interisland travel	4.71	6.01	4.11	3.32
Gasoline	1.01	1.27	0.07	0.15
Parking	0.55	0.84	0.04	0.01
Sightseeing tours	4.51	7.55	5.18	7.64
Clothing	8.01	8.38	30.74	29.19
Other fashion 1/	5.95	6.23	69.39	66.98
Agriculture	1.79	1.79	4.58	5.13
Communication	0.68	0.64	0.62	0.76
Personal service	1.32	1.43	2.08	2.39
Lodging	49.33	59.78	73.49	79.60
Souvenirs	4.43	5.04	12.08	13.60
All other	5.56	3.81	7.81	7.30
Adjustment 2/	1.72	1.62	23.70	2.61
Duty-free	-	-	21.13	-
Not duty-free	137.04	157.07	265.76	279.58

1/ Jewelry, cosmetics, leather goods, etc.

2/ Visitors estimate of amount excluded from listed categories and unaccounted expenditures.

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.23-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM
MAINLAND AND JAPAN, BY VISITOR OR TRIP CHARACTERISTICS:
1995 AND 1996**

[Dollars]

Visitor or trip characteristics	Visitors from Mainland		Visitors from Japan	
	1995	1996	1995	1996
All visitors	132.73	137.04	356.15	286.89
Islands:				
Oahu	118.53	117.03	(NA)	(NA)
Neighbor Islands	153.63	155.52	(NA)	(NA)
Group tour status:				
Organized group tour	130.42	126.36	(NA)	(NA)
Individually arranged	135.98	136.83	(NA)	(NA)
Arrived on package tour:				
Yes	128.98	133.85	(NA)	(NA)
No	135.68	137.04	(NA)	(NA)
Accommodations:				
Hotel only	135.72	138.50	(NA)	(NA)
Condo only	114.57	119.35	(NA)	(NA)
Guests of friends and relatives	134.60	114.13	(NA)	(NA)
Other	112.30	122.01	(NA)	(NA)
Length of stay:				
1 to 6 days	131.85	133.76	(NA)	(NA)
7 to 12 days	133.35	136.17	(NA)	(NA)
13 days or longer	116.71	123.10	(NA)	(NA)
Previous visits:				
First trip	134.54	136.46	(NA)	(NA)
Repeat visitors	130.58	133.96	(NA)	(NA)

Continued on next page.

**Table 7.23-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM
MAINLAND AND JAPAN, BY VISITOR OR TRIP CHARACTERISTICS:
1995 AND 1996 - Con.**

Visitor or trip characteristics	Visitors from Mainland		Visitors from Japan	
	1995	1996	1995	1996
Party size:				
1 person	204.25	192.89	(NA)	(NA)
2 persons	143.52	151.09	(NA)	(NA)
3 persons	113.56	117.87	(NA)	(NA)
4 persons or more	93.39	96.76	(NA)	(NA)
Purpose of trip:				
Pleasure	132.17	135.03	(NA)	(NA)
Business: Meetings, conventions, incentive	161.65	144.49	(NA)	(NA)
Other business	161.48	145.10	(NA)	(NA)
Time of year:				
First quarter	136.27	135.13	(NA)	(NA)
Second quarter	128.54	129.01	(NA)	(NA)
Third quarter	127.91	131.71	(NA)	(NA)
Fourth quarter	135.87	144.39	(NA)	(NA)
Children in party:				
Yes	97.78	98.47	(NA)	(NA)
No	141.91	147.45	(NA)	(NA)
On honeymoon:				
Yes	154.40	180.46	(NA)	(NA)
No	130.27	130.46	(NA)	(NA)

NA Not available.

Source: Hawaii Visitors & Convention Bureau, records.

Table 7.24-- ESTIMATED VISITOR EXPENDITURES: 1951 TO 1997

[Millions of dollars. Excludes expenditures by Hawaii residents for all years and additional business expenditures by MCI (meetings, conventions, and incentive) visitors before 1985]

Year	Personal expenditures	Year	Personal expenditures	Year	Personal expenditures	Additional business expend. 1/
1951	24	1967	380	1983	3,974	...
1952	33	1968	440	1984	4,582	...
1953	43	1969	550	1985	4,942	301.6
1954	49	1970	595	1986	5,753	351.1
1955	55	1971	705	1987	6,473	395.1
1956	65	1972	840	1988	8,038	490.6
1957	78	1973	1,020	1989	8,748	533.9
1958	83	1974	1,225	1990	9,363	375.4
1959	109	1975	1,360	1991	9,820	813.5
1960	131	1976	1,640	1992	8,862	697.3
1961	137	1977	1,845	1993	8,014	664.0
1962	154	1978	2,146	1994	9,893	709.9
1963	186	1979	2,537	1995	10,403	1,040.1
1964	205	1980	2,875	1996	10,086	598.0
1965	225	1981	3,200	1997	10,381	388.8
1966	280	1982	3,700			

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

Source: Hawaii Visitors Bureau, *1986 Annual Research Report*, p. 1; *1994 Annual Research Report*, p. 47; *Market Research Flash*, May 14, 1997; and Hawaii Visitors & Convention Bureau, records.

**Table 7.25-- VISITOR EXPENDITURES, BY COUNTRY OF RESIDENCE:
1985 TO 1997**

[In thousands of dollars]

Year	Total expenditures	Personal (diary) expenditures				Additional business (MCI) expenditures
		All countries	United States	Japan	Other countries	
1985	5,243,645	4,942,011	3,403,234	983,312	555,465	301,634
1986	6,103,776	5,752,663	3,826,699	1,295,783	630,181	351,113
1987	6,867,631	6,472,578	4,034,545	1,702,125	735,908	395,053
1988	8,528,070	8,037,503	4,659,896	2,553,464	824,143	490,567
1989	9,281,843	8,747,916	5,197,905	2,513,723	1,036,288	533,927
1990	9,738,602	9,363,244	5,661,847	2,500,138	1,201,259	375,358
1991	10,633,836	9,820,302	5,751,981	2,796,973	1,271,348	813,534
1992	9,558,880	8,861,601	4,230,817	3,236,739	1,394,045	697,279
1993	8,677,585	8,013,625	3,909,751	3,025,880	1,077,994	663,960
1994	10,603,172	9,893,275	4,810,573	3,657,124	1,425,578	709,897
1995	11,443,746	10,403,593	4,750,290	4,285,607	1,367,696	1,040,153
1996	10,684,756	10,086,740	4,954,892	3,503,800	1,628,048	598,016
1997	10,770,141	10,381,299	5,691,122	3,213,750	1,476,427	388,842

Source: Hawaii Visitors Bureau, "Revised Historical Visitor Expenditures Estimate," table, June 7, 1993; *Visitor Expenditures 1993* (1994), p. 59; *1994 Annual Research Report* (1996), p.47; Hawaii Visitors & Convention Bureau, *Hawaii Visitors & Convention Bureau 1995 & 1996 Research Report*, p. 109-110, and records.

Table 7.26-- VISITOR EXPENDITURES, BY DIRECTION OF TRAVEL AND ISLANDS: 1993 TO 1997

[In thousands of dollars]

Direction of travel and island	1993	1994	1995	1996	1997
Total	8,677,585	10,603,172	11,443,746	10,684,756	10,770,141
Direction of travel:					
Westbound	5,120,468	6,253,033	6,490,241	6,297,727	6,904,454
Eastbound	3,557,117	4,350,139	4,953,505	4,387,029	3,865,687
Island:					
Oahu	4,870,071	6,107,237	(NA)	(NA)	(NA)
Maui	2,126,709	2,531,596	(NA)	(NA)	(NA)
Kauai	547,702	637,734	(NA)	(NA)	(NA)
Hawaii	1,012,636	1,185,845	(NA)	(NA)	(NA)
Molokai	68,227	68,334	(NA)	(NA)	(NA)
Lanai	52,240	72,426	(NA)	(NA)	(NA)

NA Not available.

Source: Hawaii Visitors Bureau, *1991 Island Supplement* (1992), p. 20; *1992 Island Supplement* (1993), p. 21; *Visitor Expenditures 1993* (1994), p. 59; *1994 Annual Research Report* (1996), p. 43; Hawaii Visitors & Convention Bureau, *Hawaii Visitors & Convention Bureau 1995 & 1996 Research Report*, p. 109-110, and records.

**Table 7.27-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:
1985 TO 1995**

[In millions of dollars]

Year	Total	Visitors 1/	Overseas airlines 2/
1985	5,436.6	5,243.6	193
1986	6,296.1	6,103.8	192
1987	7,128.9	6,867.6	261
1988	8,813.8	8,528.1	286
1989	9,613.4	9,281.8	332
1990	10,109.2	9,738.6	371
1991	11,039.5	10,633.8	406
1992	10,020.1	9,558.9	461
1993	9,125.1	8,677.6	448
1994	11,035.7	10,603.2	433
1995 3/	11,485.5	11,037.9	448

1/ Includes airline and ship crews' expenditures. Estimated by the Hawaii Visitors Bureau.

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

3/ Preliminary estimate.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Hawaii's Economy, First Quarter 1996*, p. 6.

Table 7.28-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 1985 TO 1995

Year	Visitor-related expenditures 1/ (million dollars)	Gross State Product (million dollars)	Household income (million dollars)	State and county tax revenues (million dollars)	Jobs 2/ (1,000)
1985	5,436.6	3,648.0	2,207.3	343.4	129.8
1986	6,296.1	4,224.7	2,556.2	397.7	133.1
1987	7,128.9	4,783.5	2,894.3	496.4	139.7
1988	8,813.8	5,914.0	3,578.4	618.6	147.4
1989	9,613.4	6,450.6	3,903.1	680.3	156.7
1990	10,109.2	6,783.3	4,104.3	714.0	163.1
1991	11,039.5	7,407.5	4,482.1	797.6	168.1
1992	10,020.1	6,723.5	4,068.2	732.8	168.8
1993	9,125.1	6,122.9	3,704.8	669.6	163.0
1994	11,035.7	7,405.0	4,480.5	838.5	161.6
1995 3/	11,485.5	7,706.8	4,663.1	888.2	160.2

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

2/ Direct and indirect.

3/ Preliminary estimate.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Hawaii's Economy, First Quarter 1996*, p. 7.

Table 7.29-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES: 1980 TO 1997

Year	Implicit price deflator 1/ (1987=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
1980	74.7	47.28	211.08	41.00	81.0	89.8	83.0
1981	78.0	49.73	296.09	51.00	88.5	94.5	91.7
1982	83.7	51.78	328.10	48.00	95.5	98.4	97.2
1983	87.2	54.78	353.14	49.95	100.1	101.4	99.3
1984	90.5	59.25	353.14	49.95	104.5	100.2	103.5
1985	93.5	68.84	364.00	44.95	108.6	99.6	106.8
1986	95.6	73.20	364.00	46.95	111.4	99.8	109.4
1987	100.0	80.09	486.00	48.95	115.6	102.5	114.9
1988	105.3	87.94	494.00	48.95	121.0	106.8	121.7
1989	110.6	95.83	524.00	44.95	122.2	104.3	128.7
1990	117.7	102.10	560.00	54.95	128.0	107.0	138.1
1991	125.0	101.89	642.00	65.95	133.6	110.5	148.0
1992	131.0	105.59	400.00	69.95	137.8	114.2	155.1
1993	134.5	103.26	566.00	74.00	141.9	116.5	160.1
1994	137.8	105.46	566.00	74.00	146.4	118.7	164.5
1995	140.5	110.27	596.00	74.00	149.2	117.5	168.1
1996	142.6	127.95	530.00	85.00	150.8	118.5	170.7
1997	143.5	135.94	521.00	80.00	152.6	117.3	171.9

NA Not available.

1/ Hawaii State Department of Business, Economic Development, & Tourism, calculations.

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

3/ Unrestricted Coach or Economy weekday fare, including taxes as of July 1, by United Airlines. From chronology in *Data Book*, 1980-1995.

4/ Regular fare, including taxes, as of July 1, by Hawaiian Airlines. From chronology in *Data Book*, 1984-1996 and Hawaiian Airlines, records.

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

Source: See above footnotes.

Table 7.30-- HAWAII VISITORS & CONVENTION BUREAU INCOME AND EXPENDITURES: 1994 TO 1998

[In dollars. Years ended June 30]

Year	Income					Expenditures
	Total	State appropriations 1/	Private subscriptions	Advertising co-op 2/	Other 3/	
1994	24,795,443	22,638,211	2,056,916	(NA)	100,316	24,848,553
1995	31,834,278	25,450,629	2,159,198	3,997,378	227,073	34,728,853
1996	32,806,193	23,000,000	1,931,298	7,751,664	123,231	30,140,658
1997	49,834,793	34,550,000	2,168,905	13,016,147	99,741	49,530,885
1998	35,808,190	29,150,000	2,478,190	4,000,000	180,000	(NA)

NA Not available.

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

2/ Cash or in-kind contributions from the private sector to match state funding for generic advertising that promotes the Hawaiian Islands as a preferred visitor destination. Not included as a separate category prior to fiscal year 1995.

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

Source: KPMG Peat Marwick LLP, *Hawaii Visitors Bureau, Financial Statements and Schedules* (annual); *Hawaii Visitors & Convention Bureau, Financial Statements and Schedules June 30, 1995 to 1997*. and records.

**Table 7.31-- RETURNING RESIDENTS AND AVERAGE NUMBER ABSENT,
BY DIRECTION OF TRAVEL: 1990 TO 1997**

Year	Number returning			Average number absent		
	Total	Westbound	Eastbound	Total	Westbound	Eastbound
1990	444,200	378,640	65,560	17,970	14,400	3,570
1991	387,560	311,760	75,800	16,590	12,520	4,070
1992	706,400	642,440	63,960	37,080	32,960	4,120
1993	779,350	716,100	63,250	49,117	44,890	4,227
1994	792,450	738,540	53,910	50,190	46,150	4,040
1995	795,531	755,941	39,590	50,562	47,862	2,700
1996	786,920	760,700	26,220	51,692	49,840	1,851
1997	847,440	829,670	17,770	(NA)	(NA)	(NA)

NA Not available.

Source: Hawaii Visitors & Convention Bureau, special tabulations of Basic Data Survey.

**Table 7.32-- PASSPORTS ISSUED BY THE HONOLULU PASSPORT AGENCY:
1993 TO 1996**

[Calendar year data. The area served by the Honolulu Passport Agency includes Hawaii, American Samoa, Guam, the Northern Mariana Islands, Palau, the Federated States of Micronesia, and the Republic of the Marshall Islands]

Mailing address	1993	1994	1995	1996
Issued by Honolulu Office	55,696	58,527	60,149	65,404
Mailed to Hawaii addresses	38,870	40,047	41,638	43,243
Mailed outside the state	16,826	18,480	18,511	22,161

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

Table 7.33-- PERFORMING ARTS, FOR OAHU: 1995-1996 SEASON

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups	148	1,127	735,243
Diamond Head Theatre	7	110	42,414
Hawaii Pacific University (Hawaii Loa Campus)	2	31	2,325
Honolulu Department of Auditoriums, total	93	327	495,062
Dance	20	171	172,729
Classical concerts	26	43	52,179
Operas	3	10	21,389
Pop/rock shows	32	37	162,874
Stage shows	12	66	85,891
Honolulu Theatre for Youth	9	354	123,265
Manoa Valley Theatre	6	128	16,276
U.S. Army Community Theatre	4	36	16,418
University of Hawaii at Manoa	27	141	39,483

Source: Hawaii State Department of Business, Economic Development & Tourism mail and telephone survey.

**Table 7.34-- SYMPHONY ORCHESTRA ACTIVITIES:
1986-1987 TO 1996-1997**

Season	Average number of orchestra personnel	Number of performances	Total attendance	Operating expenses (dollars)
HONOLULU SYMPHONY ORCHESTRA				
1986-1987 1/	80	85	139,703	2,394,804
1987-1988	79	127	184,897	4,143,347
1988-1989	80	134	215,808	4,234,275
1989-1990	80	141	183,434	4,978,813
1990-1991	80	101	160,214	5,465,467
1991-1992	80	127	204,253	6,160,301
1992-1993	80	127	194,866	5,983,729
1993-1994 2/	-	-	-	1,380,547
HAWAII SYMPHONY ORCHESTRA				
1994-1995 3/	62	115	120,000	4,700,000
HONOLULU SYMPHONY ORCHESTRA				
1995-1996 4/	80	45	65,000	2,343,305
1996-1997 5/	80	47	73,596	3,919,708

1/ Season shortened by musicians' strike, August 8-November 26, 1986.

2/ Concert season eliminated by musicians' strike.

3/ First season in operation. The attendance total is estimated.

4/ The Honolulu Symphony Society and the Musicians' Union reached a collective bargaining agreement on December 15, 1995 for a 14-week season, a shorter season than prior years.

5/ Recording of expenses in compliance with FASB 116 & 117 pertaining to not-for-profit corporations, for 18 week season.

Source: Honolulu Symphony Society, records; Hawaii Symphony Orchestra, records.

**Table 7.35-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRactions: 1994 TO 1996**

[Calendar year data unless otherwise specified]

Island and cultural attraction	1994	1995	1996
OAHU			
Bernice P. Bishop Museum 1/	517,947	475,360	445,508
Byodo-In Temple	119,638	98,496	106,712
The Contemporary Museum 2/	34,165	27,565	34,343
Damien Museum and Archives	13,096	13,551	10,131
Diamond Head State Monument 3/	66,000	(NA)	1,000,000
Foster Botanical Garden	66,500	65,242	51,497
Fred Ohrt Water Museum 1/	6,673	6,165	(NA)
Halawa Shaft 1/	9,032	11,010	(NA)
Halawa Xeriscape Garden 1/	13,425	12,474	(NA)
Harold L. Lyon Arboretum	29,000	29,000	29,500
Hawaii Children's Museum 4/	16,362	-	-
Hawaii Maritime Center	74,106	(NA)	(NA)
Hawaii Nature Center	1/ 39,000	44,511	50,875
Honolulu Academy of Arts 5/	260,162	277,771	217,888
The Honolulu Advertiser Gallery	28,000	20,000	17,000
Honolulu Zoo	755,860	715,014	639,754
Ho'omaluhia Botanical Garden	73,934	83,318	79,706
Iolani Palace State Monument 1/	74,000	71,190	67,892
Judiciary History Center	36,541	41,369	56,059
Mission Houses Museum	28,364	29,478	25,000
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center) 6/	144,667	119,331	120,472
National Memorial Cemetery of the Pacific	(NA)	(NA)	(NA)
Pacific Aerospace Museum	45,610	58,630	46,220
Paradise Park 7/	-	-	-
Polynesian Cultural Center	942,459	938,547	940,253
Puu o Mahuka Heiau State Monument 1/	2,000	(NA)	(NA)
Queen Emma Summer Palace	27,836	32,324	31,773
Royal Mausoleum State Monument 1/	115,000	(NA)	(NA)
Sea Life Park Hawaii	596,675	550,500	515,000
Senator Fong's Plantation and Gardens	99,518	93,704	95,975
Tropic Lightning Museum 8/	9,208	9,524	9,733
Ulu Po Heiau State Monument 1/	2,000	(NA)	(NA)
U.S. Army Museum, Ft. DeRussy 8/	88,816	98,061	114,969
U.S.S. Arizona Memorial	1,534,649	1,468,298	1,423,805
Visiting either Memorial or Visitor Center	1,462,391	1,381,181	(NA)
Aboard non-landing tour boats	72,258	87,117	(NA)

Continued on next page.

**Table 7.35-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRACTIONS: 1993 TO 1995 - Con.**

Island and cultural attraction	1994	1995	1996
OAHU - con.			
U.S.S. Bowfin Submarine Museum	174,503	172,105	180,227
University of Hawaii Art Gallery	50,000	50,000	50,000
Wahiawa Botanical Garden	31,599	14,448	(NA)
Waikiki Aquarium 9/	120,885	421,306	373,818
Waimea Falls Park	433,497	420,000	402,900
Waipahu Cultural Garden Park	92,000	72,000	29,527
HAWAII			
Astronaut Ellison S. Onizuka Space Center	20,775	17,452	20,159
Hawaii Tropical Botanical Garden	56,038	55,271	39,419
Greenwell Store Museum	6,000	6,000	6,000
Hawaii Volcanoes National Park 10/	2,498,785	2,476,710	2,490,227
Hulihee Palace 11/	22,927	16,987	21,657
Kealakekua Bay State Historical Park 1/	218,000	(NA)	(NA)
Lapakahi State Historical Park 1/	336,000	(NA)	(NA)
Lava Tree State Monument 1/	143,000	(NA)	(NA)
Lyman House Memorial Museum 12/	16,076	15,800	8,142
Panaewa Rainforest Zoo	71,606	75,563	74,840
Parker Ranch Historic Homes	16,117	14,778	14,444
Parker Ranch Visitor Center	17,121	14,690	15,428
Volcano Art Center 13/	90,000	75,000	85,000
Wailoa Center 1/	21,000	38,000	53,000
MAUI			
Alexander & Baldwin Sugar Museum	30,830	29,831	23,676
Halekii-Pihana Heiaus State Monument 1/	7,000	6,433	9,050
Hana Cultural Center	11,100	14,052	11,680
Hawaii Nature Center	10,000	11,400	10,600
Iao Valley State Monument 1/	449,000	624,200	651,600
Kula Botanical Gardens	22,500	23,030	22,470
Lahaina Restoration Foundation	225,570	208,530	202,350
Baldwin Missionary Home Museum	57,020	53,600	48,250
Brig <i>Carthaginian</i>	72,400	65,160	65,300
Hale Pa'ahao (Old Lahaina Prison)	33,500	31,800	30,800
Hale Pa'i Printing House	5,050	8,430	8,200
Wo Hing Temple Museum	57,600	49,540	49,800
Maui Historical Society Bailey House Museum	10,594	13,511	14,140
Maui Tropical Plantation	322,786	307,774	(NA)

Continued on next page.

**Table 7.35-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRACTIONS: 1994 TO 1996 - Con.**

Island and cultural attraction	1994	1995	1996
MAUI - con.			
Maui Zoological & Botanical Gardens 14/ Whale Center of the Pacific	62,000 400,000	60,000 504,061	- 445,384
KAUAI			
Grove Farm Homestead 15/ Ho'opulapula Haraguchi Rice Mill 16/ Kauai Museum	2,709 - 27,255	3,007 - 23,565	2,356 - 24,835
Kilauea National Wildlife Refuge 17/ Kokee Natural History Museum	80,000 105,813	(NA) 115,813	400,000 128,190
National Tropical Botanical Garden 18/ Russian Fort Elizabeth State Historical Park 19/ Waioli Mission House 20/	- 75,000 1,112	8,439 (NA) -	21,920 (NA) 2,793
MOLOKAI			
Kalaupapa Settlement Molokai Ranch Wildlife Conservation Park 21/ Molokai Museum & Cultural Center (R. W. Meyer Sugar Mill)	4,047 1,903 4,060	6,729 1,891 (NA)	8,995 - (NA)

NA Not available.

1/ Years ended June 30.

2/ The Contemporary Museum also manage the Honolulu Advertiser Gallery (1996 attendance--17,000) and the First Hawaii Center Gallery (1996 attendance--5,300)

3/ Years ended June 30. 1996 Data estimates.

4/ Closed May 1994 to 1996 will reopen as Children's Discovery Center.

5/ Includes Academy Theater (46,838 in 1993, 52,014 in 1994, and 49,378 in 1995).

6/ Different method of counting in 1995.

7/ Closed January 1, 1994.

8/ Fiscal Year starts in October 1 and ends in September 30.

9/ Years ended June 30. Closed for major renovation, October 19, 1992 to May 1, 1994.

10/ Kilauea Visitor Center and Jagger Museum are included in the total attendance at Hawaii Volcanoes National Park.

11/ Closed for repairs 3-1/2 months in 1995, and 1-1/2 months in 1996.

12/ Closed to the public for a major building addition and renovations from June to December 1996. Reopened on March 3, 1997.

13/ Due to the federal shutdown, the Volcano Art Center Gallery was closed Nov. 16-19 (4 days) and Dec. 20-31 (12 days) in 1995.

14/ Closed permanently December 31, 1995.

15/ Closed September 11, 1992 to January 1994.

Continued on next page.

**Table 7.35-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRactions: 1994 TO 1996 - Con.**

16/ Closed September 11, 1992 to 1996 due to reconstruction from Hurricane Iniki.

17/ Closed September 11, 1992 to May 12, 1994. 1996 Data estimates.

18/ The National Tropical Botanical Garden re-opened tours in April 1995.

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

20/ Closed September 11, 1992 to September 1993.

21/ Closed permanently in 1996.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual mail and telephone survey of attractions.

**Table 7.36-- CHARACTERISTICS OF MUSEUMS AND
OTHER CULTURAL ATTRACTIONS: 1996**

Characteristic	Amount
Number of establishments	94
Museums, galleries, arboretums	65
Annual revenues (\$1,000)	153,563.8
Percent from sources outside Hawaii	29.7
Total paid employment	3,302
Full-time equivalent	2,168
Full-time employment	1,900
Part-time employment	1,402
Full-time equivalent	268
Labor income (\$1,000)	74,809.5
Wages and salaries	59,294.5
Fringe benefits	15,514.6
Average earning per full-time employee (dollars)	34,506
Total attendance (1,000)	20,129.8
Total impact on--	
State economic output (\$1,000)	339,400
Household income (\$1,000)	142,500
Employment	5,163

Source: Juanita C. Liu, *The Economic Impact of Hawai`i Museums on the Local Economy* (Hawai`i Museums Association, September 8, 1997), tables 1 and 3.

Table 7.37-- NATIONAL PARKS: 1990 TO 1997

Year and area	Acreage, Dec. 31 1/			Visits
	Total	Federal	Non-federal	
1990	247,349	235,885	11,464	5,607,148
1991	247,349	235,885	11,464	5,853,497
1992	247,349	235,885	11,464	5,701,769
1993	247,349	235,885	11,464	5,828,583
1994	247,349	235,885	11,464	6,077,475
1995	247,349	235,885	11,464	6,213,924
1996	247,349	235,885	11,464	6,192,178
1997	247,349	235,885	11,464	6,738,001
AREAS: 1996				
Hawaii Volcanoes National Park	207,643	207,643	-	2,490,227
Haleakala National Park	27,350	27,350	-	1,582,432
Pu'uuhonua o Honaunau National Historical Park	181	181	-	458,035
Kaloko-Honokohau National Historical Park	1,161	616	545	48,836
Pu'ukohola Heiau National Historic Site	100	60	40	188,843
U.S.S. Arizona Memorial 2/ Kalaupapa National Historical Park	12 10,902	12 23	- 10,879	1,423,805 (NA)
AREAS: 1997				
Hawaii Volcanoes National Park	207,643	207,643	-	2,977,956
Haleakala National Park	27,350	27,350	-	1,634,830
Pu'uuhonua o Honaunau National Historical Park	181	181	-	478,023
Kaloko-Honokohau National Historical Park	1,161	616	545	44,258
Pu'ukohola Heiau National Historic Site	100	60	40	190,450
U.S.S. Arizona Memorial 2/ Kalaupapa National Historical Park	12 10,902	12 23	- 10,879	1,412,484 (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 the Hawaii Volcanoes National Park.

2/ 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 Island System Support Office, records.

Table 7.38-- STATE PARKS AND HISTORIC SITES: 1984 TO 1994

Year and island	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
1984	74	24,751	979.1	19,406
1985	74	24,799	882.1	19,908
1986	74	24,865	882.1	19,680
1987	76	24,909	883.6	20,068
1988	76	24,853	884.9	18,488
1989	77	24,877	887.6	17,270
1990	77	24,857	887.3	19,727
1991	77	24,896	897.3	19,023
1992	80	25,056	921.7	19,255
1993 1/	70	24,779	772.7	15,112
1994	69	24,790	772.2	14,260
ISLANDS: 1993 1/				
Hawaii	18	1,373.5	275.2	7,160
Maui	9	330.8	37.9	2,284
Molokai	1	233.7	10.0	34
Oahu	31	9,090.8	318.5	2,094
Kauai	11	13,750.3	131.1	3,540
ISLANDS: 1994				
Hawaii	18	1,375.3	275.2	7,271
Maui	9	330.8	37.9	1,931
Molokai	1	233.7	10.0	36
Oahu	31	9,090.8	318.5	2,103
Kauai	10	13,759.8	130.6	2,919

1/ Declines since 1992 reflect transfer of 9 areas to the counties, and also closure of all Kauai state parks from Sept. 11, 1992 to March 20, 1993 because of damage caused by Hurricane Iniki.

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

Table 7.39-- MAJOR STATE PARKS: 1993 AND 1994

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

Park	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
	Total	Developed	
1993 1/			
Old Kona Airport State Rec. Area	103.7	20.4	1,418
Hapuna Beach State Rec. Area	61.8	21.5	1,362
Wailua River State Park	1,087.1	37.4	1,349
Wailuku River State Park	16.3	3.5	1,119
Akaka Falls State Park	65.4	6.0	890
Haena State Park	65.7	2.0	750
Waimea Canyon State Park	1,866.4	10.0	483
Kokee State Park	4,345.0	55.0	421
Kahana Valley State Park	5,256.5	26.0	84
Sacred Falls State Park	1,373.9	10.0	55
Na Pali Coast State Park	6,175.0	4.0	47
1994			
Hapuna Beach State Recreation Area	63.6	21.5	1,399
Old Kona Airport State Recreation Area	103.7	20.4	1,397
Wailua River State Park	1,096.6	37.4	1,144
Wailuku River State Park	16.3	3.5	1,077
Akaka Falls State Park	65.4	6.0	832
Wailoa River State Recreation Area	131.9	97.7	736
Waimea Canyon State Park	1,866.4	10.0	345
Kokee State Park	4,345.0	55.0	304
Kahana Valley State Park	5,256.5	26.0	88
Na Pali Coast State Park	6,175.0	4.0	80
Sacred Falls State Park	1,373.9	10.0	56

1/ Declines since 1992 reflect transfer of 9 areas to the counties, and also closure of all Kauai state parks from Sept. 11, 1992 to March 20, 1993 because of damage caused by Hurricane Iniki.

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

**Table 7.40-- NATIONAL AND STATE HISTORIC SITES, BY ISLANDS:
1996 AND 1997**

[As of December 31]

Island	Total sites	Listed Hawaii Register only	Listed National Register only	Listed both Hawaii and National Register	Eligible for National Register 1/
1996					
State total	615	260	109	211	35
Hawaii	121	55	23	38	5
Maui	62	38	4	19	1
Kahoolawe	1	-	1	-	-
Lanai	2	-	-	2	-
Molokai	93	41	10	40	2
Oahu	255	88	67	78	22
Kauai	81	38	4	34	5
1997					
State total	629	271	109	214	35
Hawaii	121	54	23	39	5
Maui	63	38	4	20	1
Kahoolawe	1	-	1	-	-
Lanai	2	-	-	2	-
Molokai	93	41	10	40	2
Oahu	268	101	67	78	22
Kauai	81	37	4	35	5

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

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

Table 7.41-- ZOOS: 1993 TO 1996

Subject and zoo	1993	1994	1995	1996
Species: 1/				
Honolulu Zoo	264	276	289	300
Maui Zoological & Botanical Gardens 2/	30	32	32	-
Molokai Ranch Wildlife Conservation Park 3/	11	9	(NA)	(NA)
Panaewa Rainforest Zoo (Hilo)	52	54	54	59
Individuals: 1/				
Honolulu Zoo	1,252	1,369	1,353	1,311
Maui Zoological & Botanical Gardens 2/	109	114	119	-
Molokai Ranch Wildlife Conservation Park 3/	680	682	(NA)	(NA)
Panaewa Rainforest Zoo (Hilo)	144	156	182	191
Attendance:				
Honolulu Zoo	742,000	755,860	715,046	639,754
Maui Zoological & Botanical Gardens 2/	56,000	62,000	60,000	-
Molokai Ranch Wildlife Conservation Park 3/	2,155	1,903	1,891	(NA)
Panaewa Rainforest Zoo (Hilo)	80,390	71,606	75,563	73,400

NA Not available.

1/ Animal and bird inventory, December 31.

2/ Closed permanently, December 31, 1995.

3/ Closed from August 1993 to May 1994 for renovation, closed permanently in 1996.

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

Table 7.42-- AQUATIC COLLECTIONS: 1996 AND 1997

[For annual attendance, see table 7.33]

Phylum or class	Sea Life Park, Dec. 31, 1997		Waikiki Aquarium, June 30, 1996		Waikiki Aquarium, June 30, 1997	
	Species	Individuals	Species	Individuals	Species	Individuals
Total	255	6,125	347	1,895	403	2,172
Fishes	145	2,000	193	584	198	535
Reptiles	2	30	1	1	1	2
Mammals	1/ 6	1/ 78	1	3	1	3
Invertebrates	95	4,000	152	1,307	203	1,632
Birds	7	17	-	-	-	-

1/ Plus 2 hybrid dolphin/whales.

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

Table 7.43-- COUNTY PARKS, BY ISLANDS: 1994 TO 1996

[As of December 31]

Island	Number			Acreage		
	1994	1995	1996	1994	1995	1996
State totals	615	622	625	9,099	9,362	9,278
Hawaii	134	135	135	1,332	1,361	1,361
Maui	118	118	118	1,122	1,231	1,231
Lanai	4	4	4	15	15	15
Molokai	13	13	13	73	73	73
Oahu	286	291	291	6,021	6,146	6,195
Kauai	60	61	64	536	536	403

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

Table 7.44-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR THE CITY AND COUNTY OF HONOLULU: 1996

Beach park	Estimated attendance 1/	Rescues	Drownings	Surfing accidents
All parks	18,969,113	1,748	3	293
Ala Moana	1,601,162	260	-	16
Waikiki	7,882,618	529	-	114
Hanauma	1,900,007	164	1	-
Sandy	644,645	122	1	45
Makapuu	299,287	45	-	8
Bellows	113,598	9	-	-
Kailua	505,027	38	-	2
Kualoa	149,403	3	-	1
Waimanalo	298,798	24	1	4
Sunset	638,512	31	-	13
Ehukai	551,375	28	-	22
Ke Waena	370,431	23	-	11
Waimea	708,485	93	-	11
Alii	390,115	40	-	7
Nanakuli	519,591	25	-	3
Depots	269,746	33	-	1
Maili	615,925	52	-	13
Pokai Bay	596,239	110	-	8
Makaha	619,472	100	-	8
Keauwaula	294,677	19	-	6

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

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

Table 7.45-- SWIMMING AND SURFING SITES, BY ISLANDS

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

1/ Surveyed in 1962.

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

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

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

Table 7.46-- COUNTY TENNIS FACILITIES: 1995 AND 1996

[As of December 31]

Subject	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
Locations:							
1995	88	20	11	1	1	46	9
1996	89	20	11	1	1	47	9
Courts:							
1995	286	44	39	2	2	1/ 177	22
1996	291	45	39	2	2	181	22

1/ 122 lighted.

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

Table 7.47-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLANDS: EARLY 1996

Status, island, and ownership	Number of golf courses						Number of holes
	Total	9-hole	18-hole	27-hole	36-hole	54-hole	
State total	73	11	54	1	5	2	1,386
Hawaii	16	2	12	-	2	-	306
Municipal	1	-	1	-	-	-	18
Private	15	2	11	-	2	-	288
Maui	9	1	3	-	3	2	279
Municipal	1	-	1	-	-	-	18
Private	8	1	2	-	3	2	261
Lanai	3	1	2	-	-	-	45
Private	3	1	2	-	-	-	45
Molokai	2	1	1	-	-	-	27
Private	2	1	1	-	-	-	27
Oahu	35	5	30	-	-	-	585
Military	9	3	6	-	-	-	135
Municipal	6	1	5	-	-	-	99
Private	20	1	19	-	-	-	351
Kauai	8	1	6	1	-	-	144
Municipal	1	-	1	-	-	-	18
Private	7	1	5	1	-	-	126

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

Table 7.48-- AVERAGE ANNUAL GOLF ROUNDS, TOTAL GOLF REVENUES AND TOTAL MIX OF PLAY: 1995 AND 1996

Subject	1995	1996
Average annual rounds played per course (Statewide)	55,155	58,499
Oahu	65,769	69,632
Maui County	35,743	36,849
Kauai	31,727	32,410
Big Island	48,434	48,185
Total golf revenues (million dollars)	309	328
Green fees	199	209
Merchandise	77	85
Food and beverage	23	24
Rental clubs/shoes	3	3
Driving range	6	7
Total mix of play (percent)		
Resident	77	73
Tourist	23	27

Source: Coopers & Lybrand, records.

**Table 7.49-- COUNTY GOLF COURSES AND CAMPING PERMITS,
FOR OAHU: 1990 TO 1996**

Calendar year	Public golf courses			Camping permits issued 1/
	Courses	Holes	Rounds played	
1990	5	81	519,563	9,865
1991	5	81	580,888	9,633
1992	5	81	654,726	9,938
1993	5	81	638,972	10,251
1994	5	81	580,120	8,778
1995	6	99	650,934	10,514
1996	6	99	685,191	10,622

1/ By the City and County of Honolulu.

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

Table 7.50-- HAWAIIAN OPEN SCORES AND PURSES: 1991 TO 1998

[The Hawaiian Open is held at the Waialae Country Club golf course.
Distance is 6,975 yards; par is 72/288]

Year	Holes	Winning score		Purse (dollars)	
		Total	Below par	Total	Winner
1991	72	270	18	1,100,000	198,000
1992	72	265	23	1,200,000	216,000
1993	72	269	19	1,200,000	216,000
1994	72	269	19	1,200,000	216,000
1995	72	269	19	1,200,000	216,000
1996	72	277	11	1,200,000	216,000
1997	72	271	17	1,200,000	216,000
1998	72	260	28	1,800,000	324,000

Source: *Honolulu Star-Bulletin*, various issues.

Table 7.51-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES, BY ISLANDS: OCTOBER 30, 1997

Island	Public hunting areas		National Wildlife Refuges		Other wildlife sanctuaries and refuges	
	Number	1,000 acres	Number	1,000 acres	Number	1,000 acres
State total	57	1,015.6	18	520.5	9	80.6
Hawaii	27	748.4	1	32.7	4	79.5
Maui	7	90.3	3	0.7	1	0.1
Lanai	1	35.6	-	-	-	-
Molokai	1	16.0	1	0.0	-	-
Oahu	10	18.6	3	0.2	4	0.7
Kauai	11	106.7	3	1.4	-	-
Other islands	-	-	7	485.5	(1/)	0.3

1/ 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 7.52-- FISHING AND HUNTING LICENSES ISSUED: 1992 TO 1997

[Years ended June 30]

Type of license	1992	1993	1994	1995	1996	1997
Freshwater fishing	12,588	11,072	9,612	7,740	6,557	6,505
Hunting	10,685	10,683	11,073	10,863	10,969	9,888

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

Table 7.53-- FISHING, HUNTING, AND WILDLIFE-ASSOCIATED RECREATION OF PERSONS 16 YEARS OF AGE AND OLDER: 1996

[For 1980 survey results, see *Data Book 1984*, table 251]

Subject	All activities	Hunting and fishing			Wildlife watching
		Both	Fishing	Hunting	
Hawaii residents: 1/					
Participants (1,000)	201	136	132	21	123
Expenditures (million dollars)	182	112	(NA)	(NA)	70
Taking place in Hawaii: 2/					
Participants, total (1,000)	(NA)	(NA)	260	23	255
Hawaii residents	(NA)	(NA)	130	23	51
Residents of other states	(NA)	(NA)	130	(B)	204
Expenditures (million dollars)	445	150	130	16	295

B Sample size too small to report data reliably.

NA Not available

1/ Estimated population 16 years old or more was 900,000.

2/ Excludes foreign residents.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, *1996 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation* (November 1997), pp. 97-103, 107, 111, 113.

**Table 7.54-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND
WINNING TIMES: 1991 TO 1997**

Year	Number of registrants	Number of finishers	Winning time (hr., min., sec.)	
			Men	Women
1991	14,605	13,038	2:18:24	2:40:11
1992	30,905	23,515	2:14:19	2:32:13
1993	29,514	23,640	2:13:16	2:32:20
1994	32,771	25,833	2:15:04	2:37:06
1995	34,434	27,022	2:16:08	2:37:29
1996	30,864	24,414	2:13:23	2:34:28
1997	33,682	26,495	2:12:17	2:33:14

NA Not available.

Source: Honolulu Marathon Association, records; Honolulu Marathon Records & Statistics, at <http://www.honolulumarathon.org/stats.html>

**Table 7.55-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP
PARTICIPANTS, FINISHERS, AND WINNING TIMES: 1991 TO 1997**

Year	Number of participants	Number of finishers	Winning time (hr., min., sec.)	
			Men	Women
1991	1,379	1,312	8:18:32	9:07:52
1992	1,379	1,298	8:09:08	8:55:29
1993	1,438	1,353	8:07:45	8:58:23
1994	1,405	1,290	8:20:27	9:20:14
1995	1,444	1,325	8:20:34	9:16:46
1996	1,421	1,288	8:04:08	9:06:49
1997	1,478	1,365	8:33:01	9:31:43

Source: Ironman Triathlon World Championship, records; October 7, 1995 race from JTL Timing Systems Hawaii at <http://www.ironmantri.com/1995.html>; and October 26, 1996 race from JTL Timing Systems Hawaii at <http://www.ironmantri.com/1996.html>; and October 18, 1997 race from JTL Timing Systems Hawaii at <http://www.ironmantri.com/1997.html>

**Table 7.56-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES
AND WINNING TIMES: 1985 TO 1997**

[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
1985	65	13:06:31:19	9:14:07:40
1987	55	8:12:00:40	8:00:56:41
1989	45	8:12:50:35	8:02:54:08
1991	42	10:08:59:35	9:22:34:13
1993	42	9:09:11:17	8:28:09:06
1995	35	9:01:32:02	8:22:41:48
1997	39	8:06:31:00	7:01:46:11

Source: Transpac 97' website, <http://www.kenwoodcorp.com/transpac97/finalstdgs.html>

**Table 7.57-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:
1992-1993 TO 1997-1998 SEASONS**

Bowl	1992- 1993	1993- 1994	1994- 1995	1995- 1996	1996- 1997	1997- 1998
Aloha Bowl	21,709	23,645	20,092	20,780	19,467	34,419
Hula Bowl 1/ Pro Bowl	19,952	25,726	17,074	14,933	14,725	20,079
Pro Bowl	48,237	47,560	45,828	47,066	47,205	49,995

1/ The 1998 Hula Bowl was played at Maui's War Memorial Stadium.
Source: Aloha Stadium, records; *Honolulu Star-Bulletin*, various issues.

**Table 7.58-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF
HAWAII AT MANOA: 1994-1995 TO 1996-1997**

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

Sports	Games played 1/				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
1994-1995:						
Baseball	54	30	24	-	38	92,047
Basketball (men's)	29	16	13	-	17	143,763
Basketball (women's)	26	6	20	-	16	13,747
Football	12	3	8	1	8	306,989
Volleyball (men's)	23	18	5	-	23	45,916
Volleyball (women's)	30	25	5	-	18	72,652
1995-1996:						
Baseball	55	29	26	-	39	129,696
Basketball (men's)	28	10	18	-	16	110,594
Basketball (women's)	29	23	6	-	17	54,010
Football	7	4	8	-	7	242,433
Volleyball (men's)	30	27	3	-	18	2/ 137,344
Volleyball (women's)	32	31	1	-	24	145,006
1996-1997:						
Baseball	56	22	34	-	39	108,537
Basketball (men's)	29	21	8	-	19	145,416
Basketball (women's)	29	21	8	-	18	22,725
Football	12	2	10	-	8	263,986
Volleyball (men's)	29	18	11	-	18	142,732
Volleyball (women's)	38	35	3	-	22	184,314

1/ Volleyball data refer to matches.

2/ Includes one MPSF play-off that UH did not play in.

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

**Table 7.59-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:
1994-1995 AND 1995-1996 SEASONS**

Sport	Players	Games 1/	Attendance	Expenditure 2/ (dollars)
1994-1995: 3/ Baseball	Boys	321	16,650	134,032
Basketball	Boys and girls	562	60,583	256,530
Football	Boys	157	169,742	446,858
1995-1996: Baseball	Boys	323	18,700	141,254
Basketball	Boys and girls	562	73,928	281,955
Football	Boys	157	163,259	469,383

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

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

3/ Because of possible changes in data collecting, numbers may not be comparable to those published in previous years.

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

Table 7.60-- PROFESSIONAL BOXING: 1993 TO 1997

Year	Number of promoters	Number of shows	Paid attendance	Gross receipts (dollars)
1993	1	1	472	12,385
1994	3	6	8,022	191,150
1995	2	4	2,636	48,280
1996	3	3	2,653	64,781
1997	2	3	1,967	44,645

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

Table 7.61-- DOG LICENSES ISSUED, BY ISLANDS: 1993 TO 1997

[Dogs are licensed on a biennial basis]

Year	State total	Hawaii	Maui 1/	Lanai	Molokai	Oahu	Kauai
1993	27,586	4,006	2,427	26	46	20,081	1,000
1994	29,010	4,099	3,171	26	57	19,485	2,172
1995	28,442	4,911	1,446	82	48	20,030	1,925
1996	30,376	5,381	699	32	58	21,245	2,961
1997	28,395	5,871	1,378	33	80	19,713	1,320

1/ Beginning in January 1995, the number of registrations issued by the animal shelter were not included in the count. Therefore, the figures for 1995, 1996, and 1997 were affected by this change.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from the County Departments of Finance; Hawaiian Humane Society (for Oahu, 1995-1997).