

## 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: 1998*.

**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: 1989 TO 1998**

<b>Direction and status</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
All directions	8,236,250	8,507,330	8,272,760	8,405,740	7,878,950
Landing	7,149,700	7,453,550	7,286,140	7,266,350	6,945,630
Intransit	1,086,550	1,053,780	986,620	1,139,390	933,320
Westbound 1/	5,734,910	5,692,950	5,444,070	5,295,770	5,039,640
Landing	5,115,410	5,127,690	4,913,650	4,664,350	4,520,430
Intransit	619,500	565,260	530,420	631,420	519,210
Eastbound 2/	2,501,340	2,814,380	2,828,690	3,109,970	2,839,310
Landing	2,034,290	2,325,860	2,372,490	2,602,000	2,425,200
Intransit	467,050	488,520	456,200	507,970	414,110
<b>Direction and status</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997 3/</b>	<b>1998</b>
All directions	7,909,250	7,957,220	8,049,980	8,182,660	7,852,500
Landing	7,263,820	7,466,710	7,648,880	7,723,580	7,545,230
Intransit	645,430	490,510	401,100	459,080	307,270
Westbound 1/	5,197,640	5,056,770	5,078,740	5,147,470	5,169,410
Landing	4,772,380	4,725,150	4,801,570	4,907,620	5,033,100
Intransit	425,260	331,620	277,170	239,850	136,310
Eastbound 2/	2,711,610	2,900,450	2,971,240	3,035,190	2,683,090
Landing	2,491,440	2,741,560	2,847,310	2,815,960	2,512,130
Intransit	220,170	158,890	123,930	219,230	170,960

1/ Arriving from North America.

2/ Arriving from Asia and Oceania.

3/ 1997 data have been revised from previous year databook table.

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.05-- PASSENGER STATUS OF PARTIES AND PASSENGERS  
ARRIVING IN HAWAII, BY DIRECTION OF TRAVEL: 1996 TO 1998**

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/						
1996, total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Westbound	2,662,048	2,027,264	127,897	(NA)	487,212	19,675
Eastbound	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997, total	3,838,720	2,946,000	357,320	(NA)	513,550	21,850
Westbound	2,699,380	2,061,830	114,440	(NA)	503,220	19,890
Eastbound	1,139,340	884,170	242,880	(NA)	10,330	1,960
1998, total	3,933,570	3,155,870	259,770	(NA)	496,750	21,170
Westbound	2,773,230	2,165,040	101,560	(NA)	488,760	17,860
Eastbound	1,160,340	990,830	158,210	(NA)	7,990	3,310
PASSENGERS						
1996, total	(NA)	(NA)	(NA)	401,115	(NA)	(NA)
Westbound	5,078,747	3,768,649	235,804	277,177	764,768	32,349
Eastbound	(NA)	(NA)	(NA)	123,938	(NA)	(NA)
1997 total	8,182,660	6,270,661	605,479	459,080	810,840	36,600
Westbound	5,147,470	3,866,820	211,130	239,850	796,650	33,020
Eastbound	3,035,190	2,403,841	394,349	219,230	14,190	3,580
1998, total	7,852,500	6,274,720	463,500	307,270	771,960	35,050
Westbound	5,169,410	4,058,210	187,060	136,310	759,280	28,550
Eastbound	2,683,090	2,216,510	276,440	170,960	12,680	6,500

NA Not available.

1/ Not surveyed for intransit passengers.

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.06-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS:  
1965 TO 1998**

[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	158,120	114,960	43,160
1998	6,738,220	4,245,270	2,492,950	159,840	119,680	40,160

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

**Table 7.07-- RESIDENCE OF OVERNIGHT AND LONGER VISITORS TO  
HAWAII: 1997 AND 1998**

Country of residence	1997			1998		
	Total	West-bound	East-bound	Total	West-bound	East-bound
All visitors	6,876,140	4,077,950	2,798,190	6,738,220	4,245,270	2,492,950
United States 1/	3,631,990	3,387,180	244,810	3,871,350	3,595,530	275,820
Canada	303,860	250,710	53,150	318,990	258,770	60,220
Asia						
Japan	2,222,650	65,200	2,157,450	2,008,500	56,310	1,952,190
Taiwan	58,130	7,390	50,740	37,180	5,660	31,520
Korea	110,080	15,330	94,750	21,930	5,340	16,590
Hong Kong	27,730	5,550	22,180	21,400	4,500	16,900
China	29,930	18,830	11,100	30,350	20,340	10,010
Philippines	11,580	6,320	5,260	9,120	6,060	3,060
Singapore	12,080	1,510	10,570	6,260	840	5,420
Indonesia	20,640	10,010	10,630	4,320	2,030	2,290
Other Asia	27,790	13,930	13,860	17,850	10,050	7,800
Oceania						
Australia	83,140	29,760	53,380	69,900	24,970	44,930
New Zealand	40,260	14,910	25,350	37,200	13,720	23,480
Other Oceania	7,650	3,090	4,560	8,730	4,240	4,490
Europe						
United Kingdom	76,800	60,930	15,870	80,220	64,280	15,940
Germany	80,500	69,580	10,920	67,660	58,360	9,300
Other Europe	97,730	87,130	10,600	94,530	84,280	10,250
Other foreign countries	33,600	30,590	3,010	32,730	29,990	2,740

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 1998**

<b>Year</b>	<b>Total</b>	<b>Westbound</b>	<b>Eastbound</b>
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	59,149,440	41,886,550	17,262,890
1997	57,715,920	41,962,110	15,753,810
1998	58,342,380	43,683,830	14,658,550

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

**Table 7.09-- AVERAGE VISITOR CENSUS, BY COUNTIES AND ISLANDS:  
1997 AND 1998**

[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	1997			1998		
	Total 1/	West-bound	East-bound 1/	Total	West-bound	East-bound
State total	158,120	114,960	43,160	159,840	119,680	40,160
Oahu	77,280	42,230	35,050	74,100	43,780	30,320
Hawaii County	21,480	18,960	2,520	23,760	19,920	3,840
Kauai County	16,110	14,770	1,340	17,280	15,790	1,490
Maui County	43,250	39,000	4,250	44,700	40,190	4,510
Lanai	1,850	1,770	80	1,310	1,240	70
Maui	39,930	35,810	4,120	42,100	37,720	4,380
Molokai	1,470	1,420	50	1,290	1,230	60

1/ Revised.

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

**Table 7.10-- VISITOR ARRIVALS, WESTBOUND AND OTHER, BY AREAS VISITED: 1997 AND 1998**

[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/	1997			1998		
	Total	West-bound	East-bound	Total	West-bound	East-bound
State total 2/	6,876,140	4,077,950	2,798,190	6,738,220	4,245,270	2,492,950
Oahu	5,018,510	2,279,850	2,738,660	4,718,420	2,283,450	2,434,970
Kauai	1,011,190	856,930	154,260	1,040,340	903,840	136,500
Maui County 2/	2,350,300	1,879,320	470,980	2,360,350	1,944,200	416,150
Maui	2,280,190	1,820,830	459,360	2,302,760	1,890,960	411,800
Molokai	83,770	71,050	12,720	72,910	66,590	6,320
Lanai	104,570	94,750	9,820	94,390	86,750	7,640
Hawaii County 2/	1,214,050	915,410	298,640	1,270,620	961,420	309,200
Hilo side	385,460	289,330	96,130	388,840	301,710	87,130
Kona side	1,028,060	797,780	230,280	1,083,410	840,220	243,190
One island only	4,816,490	2,744,280	2,072,210	4,741,100	2,910,970	1,830,130
Oahu only	3,242,200	1,223,730	2,018,470	3,024,160	1,239,510	1,784,650

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: 1997 AND 1998**

Subject	Total	Westbound	Eastbound
1997			
Residence (percent):			
United States	54.8	83.1	8.8
Pacific and Mountain States	30.3	49.1	2.8
California	18.9	31.0	1.4
Males per 100 females	(NA)	(NA)	(NA)
Average age (years)	(NA)	(NA)	(NA)
High-status occupations 1/ (percent)	38.1	43.1	30.1
Persons per party	1.9	1.9	2.0
Arriving June-August (percent)	27.0	27.0	27.0
Repeat visitors 2/ (percent)	57.4	63.2	49.0
Pleasure trip (percent)	82.9	78.2	89.9
In hotel only	70.0	54.6	83.0
Destined beyond Hawaii (percent)	8.8	5.2	14.1
1998			
Residence (percent):			
United States	57.5	84.7	11.1
Pacific and Mountain States	33.0	49.6	4.8
California	19.7	31.2	22.7
Males per 100 females	(NA)	(NA)	(NA)
Average age (years)	(NA)	(NA)	(NA)
High-status occupations 1/ (percent)	38.7	43.2	31.1
Persons per party	2.0	1.9	2.2
Arriving June-August (percent)	26.8	26.7	27.0
Repeat visitors 2/ (percent)	60.0	64.0	53.1
Pleasure trip (percent)	81.8	77.4	89.4
In hotel only	63.7	54.1	80.2
Destined beyond Hawaii (percent)	6.9	4.4	11.1

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: 1997 AND 1998**

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

Residence	1997	1998
United States	3,387,180	3,595,530
Pacific	1,663,760	1,758,770
Alaska	30,970	36,210
California	1,262,570	1,325,080
Oregon	121,700	127,790
Washington	248,520	269,680
Mountain	339,620	348,560
West North Central	166,100	169,430
West South Central	191,440	201,680
East North Central	334,600	355,600
East South Central	67,500	69,660
New England	90,190	91,050
Middle Atlantic	203,840	217,080
South Atlantic	270,350	285,810
Other	59,780	97,890

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.13-- TRIP CHARACTERISTICS OF VISITORS, BY DIRECTION OF TRAVEL: 1997 AND 1998**

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

Subject	Westbound		Eastbound	
	1997	1998	1997	1998
All visitors 1/	4,077,950	4,245,270	2,798,190	2,492,950
Purpose of visit: 1/				
Pleasure	3,187,090	3,285,150	2,515,890	2,228,290
Honeymoon	262,320	270,120	404,190	327,320
Meetings, conventions, incentive 1/	340,400	378,800	106,170	74,570
Convention	211,310	229,520	39,370	27,950
Corporate meeting	74,400	81,570	33,300	14,410
Incentive	60,020	74,400	34,990	33,030
Other business	176,250	183,100	23,770	27,650
Visit friends or relatives	346,410	351,410	61,990	77,670
Government or military	54,490	57,050	18,540	7,780
Attend school	10,800	12,340	22,720	8,260
Traveler method:				
Tour group	383,760	411,930	1,321,550	1,230,190
Package	1,463,640	1,575,490	2,028,150	1,370,220
Group tour and package	306,660	330,410	1,277,060	913,620
True independent	2,537,210	2,585,500	725,550	802,570
Accommodations:				
Hotel	2,490,310	2,568,220	2,370,040	2,055,220
Hotel only	2,226,280	2,296,410	2,323,760	1,998,800
Condo	1,076,430	1,116,760	284,990	262,080
Condo only	895,550	940,190	252,300	228,840
Friends, relatives	459,850	470,990	68,790	104,170
Cruise ship	55,420	79,450	6,890	4,620
Other accommodations	131,530	102,300	19,750	25,540

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: 1998**

[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	3,415,640	2,266,600	1,149,040
Occupation:			
Senior management, executive	325,840	244,440	81,400
Middle management	337,830	222,550	115,280
Sales, marketing	322,310	228,670	93,640
Clerical, administration	221,610	94,910	126,700
Professional	615,000	472,610	142,390
Technical, trade	214,710	119,310	95,400
Labor	125,420	26,610	98,810
Farming/Fishing	15,150	9,470	5,680
Homemaker	112,730	54,930	57,800
Military service	43,460	30,150	13,310
Military dependent	5,170	2,750	2,420
Student	240,970	136,430	104,540
Self-employed	257,090	171,410	85,680
Retired	322,290	306,570	15,720
Other non-employed	59,410	20,970	38,440
Other employed	195,080	123,250	71,830
Trips to Hawaii:			
First trip	1,401,470	834,390	567,080
Second trip	651,290	412,250	239,040
Third trip	339,520	219,600	119,920
Fourth trip and over	197,870	145,310	52,560
Persons in party:			
1 person	1,345,050	920,630	424,420
2 persons	1,464,140	1,020,640	443,500
3 persons	235,390	132,980	102,410
4 persons	228,860	124,960	103,900
5 persons or more	75,310	41,360	33,950

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.15-- LENGTH OF STAY OF VISITORS STAYING OVERNIGHT OR LONGER, BY DIRECTION OF TRAVEL: 1997 AND 1998**

Length of stay	1997			1998		
	Total	West-bound	East-bound	Total	West-bound	East-bound
All visitors	6,876,140	4,077,950	2,798,190	6,738,220	4,245,270	2,492,950
1 to 6 days	3,267,610	1,033,890	2,233,720	2,969,820	1,054,880	1,914,940
7 to 12 days	2,662,180	2,184,450	477,730	2,799,050	2,319,080	479,970
13 to 30 days	858,740	774,700	84,040	877,790	780,390	97,400
31 to 365 days	(NA)	84,910	(NA)	89,010	89,010	-
Median (days)	6.78	8.00	5.00	6.89	8.00	5.00
Mean (days)	8.39	10.29	5.63	8.66	10.29	5.88

NA Not available.

Source: Hawaii Visitors and Convention Bureau, records.



**Table 7.16-- JAPANESE VISITOR ARRIVALS AND EXPENDITURES:  
1993 TO 1998**

<b>Subject</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Arrivals (1,000)	1,592	1,756	1,999	2,090	2,223	2,009
Average stay (days)	6.1	6.1	6.0	5.8	5.5	5.7
Expenditures (mil. dol.)	3,026	3,657	4,286	3,504	(NA)	(NA)

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: 1996 AND 1998**

Subject	1996 1/	1998 2/
Sample size	1,319	1,689
Family income before taxes (percent)	100.0	100.0
Under \$25,000	8.0	6.0
\$25,000 to \$49,999	23.0	20.0
\$50,000 to \$74,999	22.0	24.0
\$75,000 to \$99,999	15.0	18.0
\$100,000 to \$149,999	12.0	17.0
\$150,000 and over	9.0	15.0
Not reported	11.0	-
Median income (dollars)	(NA)	(NA)
Mean income (dollars)	80,500	(NA)
Education (percent):		
Associate degree	8.0	8.0
Bachelor's or higher	46.0	63.0
Using travel agent (percent)	57.0	58.0
Islands visited (percent):		
Oahu	56.0	52.0
Kauai	22.0	22.0
Maui	46.0	45.0
Hawaii	23.0	23.0
Overall satisfaction (percent):		
Excellent	58.0	68.0
Above average	29.0	31.0
Average or below average	12.0	2.0

NA Not available.

1/ Study not conducted in 1995 and 1997.

2/ No responses are not included.

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.18-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1931-1932 TO 1998**

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

Year	Mainlanders	Japanese	Year	Mainlanders	Japanese
1931-32 1/	17.50	(NA)	1989	126.57	322.00
1951	28.00	(NA)	1990	136.30	294.04
1960-61	32.00	(NA)	1991	140.54	344.29
1965-66 1/	37.23	(NA)	1992	117.14	344.68
1974	46.20	123.00	1993	116.15	306.54
1977	54.62	146.85	1994	133.79	340.88
1980	71.24	185.00	1995	132.73	356.15
1983	85.88	227.32	1996	137.04	286.89
1986	95.40	299.00	1997	157.07	279.58
1987	102.49	324.00	1998	(NA)	(NA)
1988	121.44	350.00			

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 7.19-- AVERAGE EXPENDITURE PER VISITOR DAY IN CONSTANT DOLLARS, FOR VISITORS FROM THE MAINLAND: 1931 TO 1998**

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	1990	130.7	104
1951	26.0	108	1991	136.2	103
1960-61	29.8	107	1992	140.3	83
1965-66 2/	32.0	116	1993	144.5	80
1974	49.3	94	1994	148.2	90
1977	60.6	90	1995	152.4	87
1980	82.4	86	1996	156.9	88
1983	99.6	86	1997	160.5	98
1986	109.6	87	1998	163.0	(NA)
1989	124.0	102			

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 7.20-- 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 3/	-	-	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.

3/ For 1997, Duty-free numbers have been distributed among the various categories.

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.21-- 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 7.21-- 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 7.22-- ESTIMATED VISITOR EXPENDITURES: 1951 TO 1998**

[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	1998	(NA)	(NA)

NA Not available.

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 7.23-- VISITOR EXPENDITURES, BY COUNTRY OF RESIDENCE:  
1985 TO 1998**

[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
1998	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

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 7.24-- VISITOR EXPENDITURES, BY DIRECTION OF TRAVEL AND ISLANDS: 1993 TO 1997**

[In thousands of dollars]

<b>Direction of travel and island</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>
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 7.25-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:  
1985 TO 1998**

[In millions of dollars]

<b>Year</b>	<b>Total</b>	<b>Visitors 1/</b>	<b>Overseas airlines 2/</b>
1985	5,436.6	5,243.6	193.0
1986	6,296.1	6,103.8	192.3
1987	7,128.9	6,867.6	261.3
1988	8,813.8	8,528.1	285.7
1989	9,613.4	9,281.8	331.6
1990	10,109.2	9,738.6	370.6
1991	11,039.5	10,633.8	405.7
1992	10,020.1	9,558.9	461.2
1993	9,125.1	8,677.6	447.5
1994	11,035.7	10,603.2	432.5
1995	12,027.0	11,587.7	439.3
1996	11,126.6	10,684.8	441.8
1997	11,231.7	10,770.1	461.6
1998 3/	11,594.7	11,133.3	461.4

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*, July 1999, p. 6.

**Table 7.26-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 1985 TO 1998**

<b>Year</b>	<b>Visitor-related expenditures 1/ (million dollars)</b>	<b>Gross State Product (million dollars)</b>	<b>Household income (million dollars)</b>	<b>State and county tax revenues (million dollars)</b>	<b>Jobs 2/ (1,000)</b>
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	6,262.6	3,952.0	752.7	181.6
1993	9,125.1	5,703.2	3,599.0	687.2	176.3
1994	11,035.7	6,897.3	4,352.6	826.4	176.4
1995	12,027.0	7,516.9	4,743.5	912.0	177.7
1996	11,126.6	6,954.1	4,388.4	870.0	179.6
1997	11,231.7	7,019.8	4,429.9	880.0	180.7
1998 3/	11,594.7	7,246.7	4,573.0	903.3	180.1

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*, July 1999, p.6.

**Table 7.27-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES: 1980 TO 1998**

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	137.06	521.00	80.00	152.6	117.3	171.9
1998	143.2	140.63	521.00	88.00	153.3	112.2	171.5

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*, 1980-1998.

4/ Regular fare, including taxes, as of July 1, by Hawaiian Airlines. From chronology in *Data Book*, 1984-1998 and Hawaiian Airlines, records.

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

Source: See above footnotes.

**Table 7.28-- HAWAII VISITORS & CONVENTION BUREAU INCOME AND EXPENDITURES: 1995 TO 1999**

[In dollars. Years ended June 30]

Year	Income					Expenditures
	Total	State appropriations 1/	Private subscriptions	Advertising co-op 2/	Other 3/	
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)
1999 4/	55,492,469	36,970,000	2,492,868	16,029,601	(NA)	(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.

4/ \$12,970,000 State General Fund, \$24,000,000 Tourism Special Fund

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

**Table 7.29-- RETURNING RESIDENTS AND AVERAGE NUMBER ABSENT,  
BY DIRECTION OF TRAVEL: 1991 TO 1998**

Year	Number returning			Average number absent		
	Total	Westbound	Eastbound	Total	Westbound	Eastbound
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	810,840	796,650	14,190	35,808	35,467	341
1998	771,960	759,280	12,680	31,743	31,391	353

Source: Hawaii Visitors & Convention Bureau, records.

**Table 7.30-- PASSPORTS ISSUED BY THE HONOLULU PASSPORT AGENCY:  
1995 TO 1998**

[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, the Republic of the Marshall Islands, and Taiwan (beginning in calendar year 1997)]

<b>Mailing address</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Issued by Honolulu Office	60,149	65,404	66,607	66,472
Mailed to Hawaii addresses	41,638	43,243	43,790	43,490
Mailed outside the state	18,511	22,161	22,817	22,982

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



**Table 7.31-- PERFORMING ARTS, FOR OAHU: 1996-1997 SEASON**

<b>Name of organization and type of performance</b>	<b>Productions</b>	<b>Performances</b>	<b>Attendance</b>
All reporting groups	47	757	225,066
Diamond Head Theatre	7	120	48,000
Hawaii Pacific University (Hawaii Loa Campus)	2	26	2,080
Honolulu Theatre for Youth	10	354	123,265
Manoa Valley Theatre	6	116	13,584
U.S. Army Community Theatre	4	36	13,614
University of Hawaii at Manoa	18	105	24,523

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

**Table 7.32-- PERFORMING ARTS, FOR OAHU: 1997-1998 SEASON**

<b>Name of organization and type of performance</b>	<b>Productions</b>	<b>Performances</b>	<b>Attendance</b>
All reporting groups	45	737	218,612
Diamond Head Theatre	7	101	37,875
Hawaii Pacific University (Hawaii Loa Campus)	2	26	2,080
Honolulu Theatre for Youth	9	340	120,090
Manoa Valley Theatre	6	116	12,270
U.S. Army Community Theatre	4	36	14,877
University of Hawaii at Manoa	17	118	31,420

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

**Table 7.33-- SYMPHONY ORCHESTRA ACTIVITIES:  
1986-1987 TO 1997-1998**

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
1997-1998	80	48	79,605	5,044,888

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 7.34-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL  
ATTRactions: 1996 TO 1998**

[Calendar year data unless otherwise specified]

Island and cultural attraction	1996	1997	1998
OAHU			
Bernice P. Bishop Museum 1/	445,508	493,866	477,609
Byodo-In Temple	106,712	128,596	117,343
The Contemporary Museum 2/	34,343	34,276	34,830
Damien Museum and Archives	10,131	10,134	10,095
Diamond Head State Monument 3/	1,000,000	1,000,000	1,000,000
Foster Botanical Garden	51,497	48,461	46,863
Fred Ohrt Water Museum 4/	(NA)	4,236	3,821
Halawa Shaft 5/	(NA)	7,680	3,762
Halawa Xeriscape Garden 1/	(NA)	9,714	9,975
Harold L. Lyon Arboretum	29,500	29,500	29,500
Hawaii Children's Museum 6/	-	(NA)	(NA)
Hawaii Maritime Center	(NA)	(NA)	(NA)
Hawaii Nature Center	50,875	46,591	(NA)
Honolulu Academy of Arts	217,888	222,150	215,219
Honolulu Zoo	639,754	634,105	622,517
Ho'omaluhia Botanical Garden	79,706	85,456	86,406
Iolani Palace State Monument 1/	67,892	70,365	71,083
Judiciary History Center	56,059	44,241	35,455
Mission Houses Museum	25,000	23,000	19,500
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center)	120,472	(NA)	(NA)
National Memorial Cemetery of the Pacific	(NA)	(NA)	(NA)
Pacific Aerospace Museum	46,220	44,300	42,500
Polynesian Cultural Center	940,253	(NA)	(NA)
Puu o Mahuka Heiau State Monument 3/	(NA)	20,000	20,000
Queen Emma Summer Palace	31,773	33,222	17,257
Royal Mausoleum State Monument 3/	(NA)	115,000	115,000
Sea Life Park Hawaii	515,000	457,000	407,242
Senator Fong's Plantation and Gardens	95,975	100,058	105,242
Tropic Lightning Museum 7/	9,733	10,476	10,738
Ulu Po Heiau State Monument 3/	(NA)	5,000	5,000
U.S. Army Museum, Ft. DeRussy 7/	114,969	124,083	125,428
U.S.S. Arizona Memorial	1,423,805	1,412,484	1,366,499
U.S.S. Bowfin Submarine Museum	180,227	162,296	164,333
University of Hawaii Art Gallery	50,000	50,000	50,000
Waikiki Aquarium 1/	373,818	336,849	346,668
Waimea Falls Park	402,900	371,848	284,628
Waipahu Cultural Garden Park	29,527	28,618	30,678

Continued on next page.

**Table 7.34-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL  
ATTRACTIONS: 1996 TO 1998 - Con.**

Island and cultural attraction	1996	1997	1998
HAWAII			
Astronaut Ellison S. Onizuka Space Center	20,159	18,468	17,631
Hawaii Tropical Botanical Garden	39,419	40,320	49,445
Greenwell Store Museum	6,000	7,000	7,050
Hawaii Volcanoes National Park 8/ Hulihee Palace 9/ Lyman House Memorial Museum 10/ Panaewa Rainforest Zoo	2,551,293	2,977,956	2,653,330
Parker Ranch Historic Homes	14,444	5,290	3,725
Parker Ranch Visitor Center	15,428	16,665	18,074
Volcano Art Center	85,000	94,000	102,500
Wailoa Center 1/	53,000	56,000	60,000
MAUI			
Alexander & Baldwin Sugar Museum	23,676	27,748	27,832
Halekii-Pihana Heiaus State Monument 1/ Hana Cultural Center	9,050	10,150	(NA)
Hawaii Nature Center	11,680	(NA)	(NA)
Iao Valley State Monument 1/ Kula Botanical Gardens	10,600	25,200	55,699
Lahaina Restoration Foundation	651,600	710,000	(NA)
Baldwin Missionary Home Museum	22,470	23,100	23,800
Brig <i>Carthaginian</i>	202,350	202,556	213,192
Hale Pa'ahao (Old Lahaina Prison)	48,250	50,180	56,703
Hale Pa'i Printing House	65,300	62,688	57,673
Wo Hing Temple Museum	30,800	31,800	32,347
Maui Historical Society Bailey House Museum	8,200	10,578	4,020
Maui Ocean Center	49,800	47,310	62,449
Maui Tropical Plantation	14,140	14,000	14,000
Whale Center of the Pacific	(NA)	(NA)	(NA)
	(NA)	(NA)	(NA)
	445,384	436,246	426,132
KAUAI			
Grove Farm Homestead	2,356	3,417	3,428
Kauai Museum	24,835	25,000	30,000
Kilauea National Wildlife Refuge 11/ Kokee Natural History Museum	400,000	400,000	400,000
National Tropical Botanical Garden	128,190	25,138	31,126
Waioli Mission House 12/	21,920	-	735
	-	-	

Continued on next page.

**Table 7.34-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL  
ATTRACTIONS: 1996 TO 1998 - Con.**

Island and cultural attraction	1996	1997	1998
MOLOKAI			
Kalaupapa Settlement	8,995	9,589	11,658

NA Not available.

1/ Years ended June 30.

2/ The Contemporary Museum also manage the Honolulu Advertiser Gallery (1997 attendance--17,000, closed in 1998) and the First Hawaii Center Gallery (1997 attendance--30,000, 1998 attendance 30,000).

3/ Years ended June 30. 1996-98 Data estimates.

4/ Years ended June 30. The Fred Ohrt Museum was unavailable for tours for two months.

5/ Years ended June 30. The Halawa Shaft was closed down from 8/7/97 to 2/5/98 for equipment maintenance.

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

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

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

9/ Closed for repairs 1-1/2 months in 1996.

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

11/ 1996-98 data estimates.

12/ Closed for repairs all of 1996 & 1997, opened June 1998.

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

**Table 7.35-- 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 7.36-- NATIONAL PARKS: 1990 TO 1998**

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
1998	247,349	235,885	11,464	6,274,424
AREAS: 1998				
Hawaii Volcanoes National Park	207,643	207,643	-	2,653,330
Haleakala National Park	27,350	27,350	-	1,505,930
Pu'uuhonua o Honaunau National Historical Park	181	181	-	492,210
Kaloko-Honokohau National Historical Park	1,161	616	545	56,584
Pu'ukohola Heiau National Historic Site	100	60	40	199,871
U.S.S. Arizona Memorial 2/	12	12	-	1,366,499
Kalaupapa National Historical Park 3/	10,902	23	10,879	(NA)

NA Not available.

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

3/ As of 1998 National Park Service is not yet keeping visitation figures.

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



**Table 7.37-- STATE PARKS AND HISTORIC SITES: 1986 TO 1997**

Year and island	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
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
1995	69	25,476	772.2	(NA)
1996	68	26,783	772.2	(NA)
1997	67	26,811	771.7	(NA)
ISLANDS: 1995				
Hawaii	18	1,375	275.2	(NA)
Maui	9	332	37.9	(NA)
Molokai	1	234	10.0	(NA)
Oahu	31	9,776	318.5	(NA)
Kauai	10	13,759	130.6	(NA)
ISLANDS: 1996				
Hawaii	17	2,663	275.2	(NA)
Maui	9	332	37.9	(NA)
Molokai	1	234	10.0	(NA)
Oahu	31	9,796	318.5	(NA)
Kauai	10	13,759	130.6	(NA)
ISLANDS: 1997				
Hawaii	16	2,690	274.7	5259
Maui	9	332	37.9	(NA)
Molokai	1	234	10.0	(NA)
Oahu	31	9,796	318.5	(NA)
Kauai	10	13,756	130.6	(NA)

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 7.38-- MAJOR STATE PARKS: 1997**

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

Park	Acreage, June 30 1/		Recreation visits, year ended June 30 (1,000)
	Total	Developed	
Old Kona Airport State Rec. Area	63.6	21.5	1,146
Hapuna Beach State Rec. Area	103.7	20.4	1,217
Wailua River State Park	1,093.0	37.4	(NA)
Wailuku River State Park	16.3	3.5	904
Akaka Falls State Park	65.4	6.0	664
Haena State Park	131.9	97.7	589
Waimea Canyon State Park	1,866.4	10.0	(NA)
Koikee State Park	4,345.0	55.0	(NA)
Kahana Valley State Park	5,256.5	26.0	(NA)
Sacred Falls State Park	6,175.0	4.0	(NA)
Na Pali Coast State Park	1,375.9	10.0	(NA)

NA Not available.

1/ Acreage for years 1995, 1996 and 1997 have remained constant, and recreation visits numbers were not available for years 1995 and 1996.

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

**Table 7.39-- NATIONAL AND STATE HISTORIC SITES, BY ISLANDS:  
1997 AND 1998**

[As of December 31]

<b>Island</b>	<b>Total sites</b>	<b>Listed Hawaii Register only</b>	<b>Listed National Register only</b>	<b>Listed both Hawaii and National Register</b>	<b>Eligible for National Register 1/</b>
1997					
State total	629	270	109	215	35
Hawaii	121	53	23	40	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
1998					
State total	641	279	110	217	35
Hawaii	123	55	23	40	5
Maui	63	37	4	21	1
Kahoolawe	1	-	1	-	-
Lanai	2	-	-	2	-
Molokai	93	41	10	40	2
Oahu	278	109	68	79	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 7.40-- ZOOS: 1995 TO 1998**

<b>Subject and Zoo</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Species: 1/				
Honolulu Zoo	289	300	314	304
Maui Zoological & Botanical Gardens 2/	32	-	-	-
Molokai Ranch Wildlife Conservation Park 3/	(NA)	-	-	-
Panaewa Rainforest Zoo (Hilo)	54	59	65	70
Individuals: 1/				
Honolulu Zoo	1,353	1,311	1,364	1,335
Maui Zoological & Botanical Gardens 2/	119	-	-	-
Molokai Ranch Wildlife Conservation Park 3/	(NA)	-	-	-
Panaewa Rainforest Zoo (Hilo)	182	191	196	200
Attendance:				
Honolulu Zoo	715,046	639,754	634,105	622,517
Maui Zoological & Botanical Gardens 2/	60,000	-	-	-
Molokai Ranch Wildlife Conservation Park 3/	1,891	-	-	-
Panaewa Rainforest Zoo (Hilo)	75,563	73,400	77,790	76,574

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 7.41-- AQUATIC COLLECTIONS: 1998 AND 1999**

[For annual attendance, see table 7.35]

Phylum or class	Sea Life Park, June 30,1999		Waikiki Aquarium, June 30, 1998	
	Species	Individuals	Species	Individuals
Total	206	4,958	401	2,355
Fishes	94	804	201	584
Reptiles	2	31	1	2
Mammals	1/ 6	1/ 71	1	3
Invertebrates	95	4,000	198	1,766
Birds	9	52	-	-

1/ Plus 2 hybrid dolphin/whales.

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

**Table 7.42-- COUNTY PARKS, BY ISLANDS: 1996 TO 1998**

[As of December 31]

Island	Number			Acreage		
	1996	1997	1998	1996	1997	1998
State totals	617	(NA)	(NA)	8,920	6,580	6,768
Hawaii	135	135	135	1,361	1,361	1,361
Maui	110	113	115	873	935	1,054
Lanai	4	4	4	15	15	15
Molokai	13	13	13	73	73	73
Oahu 1/	291	(NA)	(NA)	6,195	3,793	3,862
Kauai	64	64	64	403	403	403

1/ 1997 and 1998 numbers exclude Botanical Gardens, Zoo & Golf Courses.

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

**Table 7.43-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR THE CITY AND COUNTY OF HONOLULU: 1997**

<b>Beach park</b>	<b>Estimated attendance 1/</b>	<b>Rescues</b>	<b>Drownings</b>	<b>Surfing accidents</b>
All parks	20,658,604	1,454	8	405
Ala Moana	1,601,373	80	2	16
Waikiki	9,536,234	384	1	129
Hanauma	2,207,953	231	2	1
Sandy	513,349	175	1	51
Makapuu	198,115	76	-	5
Bellows	101,829	3	-	-
Kailua	579,719	6	-	-
Kualoa	115,506	2	-	-
Waimanalo	231,500	13	-	4
Sunset	716,912	47	-	19
Ehukai	744,768	62	1	67
Ke Waena	344,628	8	1	11
Waimea	984,776	121	-	27
Alii	440,407	99	-	15
Nanakuli	513,673	27	-	6
Depots	107,700	58	-	6
Maili	409,269	41	-	17
Pokai Bay	605,453	18	-	3
Makaha	574,024	25	-	16
Keauwaula	230,476	14	-	12

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

Source: City and County of Honolulu, Emergency Services Department, Ocean Safety & Lifeguard Services Division, records.

**Table 7.44-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR THE CITY AND COUNTY OF HONOLULU: 1998**

<b>Beach park</b>	<b>Estimated attendance 1/</b>	<b>Rescues</b>	<b>Drownings</b>	<b>Surfing accidents</b>
All parks	18,176,702	1,107	4	374
Ala Moana	1,338,993	45	-	11
Waikiki	7,114,656	159	-	195
Hanauma	2,673,375	240	2	-
Sandy	631,254	106	-	36
Makapuu	232,667	48	1	3
Bellows	329,685	4	-	-
Kailua	469,051	4	-	1
Kualoa	389,884	13	-	-
Waimanalo	258,571	10	-	3
Sunset	638,641	45	-	9
Ehukai	526,716	72	-	48
Ke Waena	335,850	13	-	11
Waimea	917,367	177	-	16
Alii	324,229	39	-	6
Nanakuli	524,530	46	-	5
Maili	340,923	32	-	3
Pokai Bay	491,687	9	1	3
Makaha	466,694	23	-	10
Keauwaula	171,928	20	-	13

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, Emergency Services Department, Ocean Safety & Lifeguard Services Division, records.



**Table 7.45-- SWIMMING AND SURFING SITES, BY ISLANDS**

<b>Subject</b>	<b>Six islands</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Lanai</b>	<b>Molokai</b>	<b>Oahu</b>	<b>Kauai</b>
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: 1996 TO 1998**

[As of December 31]

<b>Subject</b>	<b>State total</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Lanai</b>	<b>Molokai</b>	<b>Oahu</b>	<b>Kauai</b>
Locations:							
1996	89	20	11	1	1	47	9
1997	(NA)	20	11	1	1	(NA)	9
1998	(NA)	20	11	1	1	(NA)	9
Courts:							
1996	291	45	39	2	2	181	22
1997	307	45	39	2	2	197	22
1998	311	45	39	2	2	201	22

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 1997**

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-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLANDS: EARLY 1998**

Status, island, and ownership	Number of golf courses						Number of holes
	Total	9-hole	18-hole	27-hole	36-hole	54-hole	
State total	77	11	57	2	5	2	1,458
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	39	5	33	1	-	-	657
Military	9	3	6	-	-	-	135
Municipal	6	1	5	-	-	-	99
Private	24	1	22	1	-	-	423
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 7.49-- 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 7.50-- COUNTY GOLF COURSES AND CAMPING PERMITS,  
FOR OAHU: 1990 TO 1998**

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
1997	6	99	686,188	(NA)
1998	6	99	747,379	(NA)

NA Not available.

1/ By the City and County of Honolulu.

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

**Table 7.51-- SONY OPEN SCORES AND PURSES: 1991 TO 1999**

[The Sony Open (formerly the Hawaiian Open) is held at the Waialae Country Club golf course. Distance is 7,060 yards; par is 70/280]

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
1999	72	271	9	2,600,000	468,000

Note: Up until 1998, event known as the Hawaiian Open, which was held at the Waialea Country Club golf course. Distance was 6,975 yards; par was 72/288

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

**Table 7.52-- 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 7.53-- FISHING AND HUNTING LICENSES ISSUED: 1993 TO 1998**

[Years ended June 30]

Type of license	1993	1994	1995	1996	1997	1998
Freshwater fishing	11,072	9,612	7,740	6,557	6,505	6,876
Hunting	10,683	11,073	10,863	10,969	9,888	10,061

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

**Table 7.54-- 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 7.55-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND  
WINNING TIMES: 1991 TO 1998**

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
1998	27,704	22,112	2:14:53	2:33:27

NA Not available.

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

**Table 7.56-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP  
PARTICIPANTS, FINISHERS, AND WINNING TIMES: 1991 TO 1998**

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
1998	1,487	1,379	8:24:20	9:24:16

Source: Ironman Triathlon World Championship, records; 1995-1998 race results from JTL Timing Systems Hawaii at "<http://www.ironmantri.com>" Internet Website.

**Table 7.57-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES  
AND WINNING TIMES: 1985 TO 1999**

[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
1999	33	8:02:52:27	7:08:40:10

Source: Transpac 99' website, <http://www.transpacificyc.org>, *The Honolulu Advertiser*, July 19, 1999.

**Table 7.58-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:  
1993-1994 TO 1998-1999 SEASONS**

<b>Bowl</b>	<b>1993- 1994</b>	<b>1994- 1995</b>	<b>1995- 1996</b>	<b>1996- 1997</b>	<b>1997- 1998</b>	<b>1998- 1999</b>
Aloha Bowl 1/	23,645	20,092	20,780	19,467	34,419	34,803
Hula Bowl 2/	25,726	17,074	14,933	14,725	20,079	23,719
Pro Bowl	47,560	45,828	47,066	47,205	49,995	50,075

1/ In 1998, Aloha Bowl played in conjunction with Oahu Bowl, attendance numbers reflect total attendance during both games.

2/ The 1998 and 1999 Hula Bowl was played at Maui's War Memorial Stadium.

Source: Aloha Stadium, records; *Honolulu Star-Bulletin*, various issues.

**Table 7.59-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF  
HAWAII AT MANOA: 1995-1996 TO 1997-1998**

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

Sports	Games played 1/				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
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
1997-1998:						
Baseball	56	34	22	-	39	98,436
Basketball (men's)	30	21	9	-	22	211,520
Basketball (women's)	28	24	4	-	18	38,201
Football	12	3	9	-	8	267,528
Volleyball (men's)	29	23	6	-	19	135,180
Volleyball (women's)	33	25	8	-	19	129,622

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 7.60-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:  
1996-1997 AND 1997-1998 SEASONS**

<b>Sport</b>	<b>Players</b>	<b>Games 1/</b>	<b>Attendance</b>	<b>Expenditure 2/ (dollars)</b>
1996-1997: 3/				
Baseball	Boys	351	17,430	53,200
Basketball	Boys and girls	946	116,237	144,700
Football	Boys	282	190,412	120,575
1997-1998:				
Baseball	Boys	374	18,380	54,850
Basketball	Boys and girls	945	123,650	146,945
Football	Boys	289	210,425	129,800

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 Accountability and School Instructional Support, records.



**Table 7.61-- PROFESSIONAL BOXING: 1993 TO 1998**

<b>Year</b>	<b>Number of promoters</b>	<b>Number of shows</b>	<b>Paid attendance</b>	<b>Gross receipts (dollars)</b>
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
1998	2	3	2,059	52,510

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

**Table 7.62-- DOG LICENSES ISSUED, BY ISLANDS: 1993 TO 1998**

[Dogs are licensed on a biennial basis]

<b>Year</b>	<b>State total</b>	<b>Hawaii</b>	<b>Maui 1/</b>	<b>Lanai</b>	<b>Molokai</b>	<b>Oahu</b>	<b>Kauai</b>
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
1998	28,304	5,777	649	35	83	19,520	2,240

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, 1997 and 1998 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, 1995-1998).