

Villages of Kapolei Leisure Needs / Attitudes and Opinions Survey Report



December, 2005

**Submitted to:**  
Villages of Kapolei Board of Directors



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### Executive Summary

- Park facilities and recreation programs are important to the respondents. Only a few felt that park facilities and recreation programs were not important aspects in the quality of their lives.
- The current supply of recreational resources in Kapolei area is sufficient, while respondents indicated some rooms for improvement for programs, parks, and facilities.
  - The top four suggested improvements are: more playgrounds and more parks, softball fields, tennis courts, and more playground equipment.
  - The top two desired facilities are: gym and tennis courts (including indoor structures).
  - There is some interest in senior programs.
- More respondents registered for programs or activities provided by the Villages of Kapolei Association than for those by the City & County of Honolulu.
- Less than half of the respondents are willing to share recreation facilities and programs with non-members.
  - Of those who are willing to share programs and/or facilities, nearly a half said that the non-members should pay more than members, followed by they should pay the same amount as members, and should be accompanied by a local member.
- The most preferred service was multi-purpose rooms that are used for meetings, banquets, arts and crafts, and other activities, followed by youth sports programs, and fitness and aerobics programs, whereas the least preferred services were senior adult programs, scouting and martial arts.
- Respondents frequently visited neighborhood parks and community parks, while they rarely used the tennis courts.
- Many indicated a need for a gym in the community. Currently, respondents utilize gyms in the Honolulu area.
- Preferred times of programs and activities are on weekends, evenings, and all year around.
- The key factors that determine the respondents' recreation participation in order of preference are: time of day, location, details and information, and fees and prices.
- The newspaper was the primary information source that influenced recreation participation, followed by word of mouth, City and County of Honolulu program guide, special program fliers, and school district fliers.
- The top three reasons that inhibit recreation participation are: work commitments, family commitments, and admission fees.

- The respondents participated most in general activities, followed by art or drama, sports activities, and outdoor activities. Whereas, they are most interested in, but have not participated in, outdoor activities, followed by sports, general, and art and drama.
- The top five general activities that have the highest participation frequency are watching television, watching videos, walking, reading, and using a personal computer.
- The top two sports activities with most frequent participation are swimming and fitness.
- Dancing is the most frequent art/drama activity in which respondents participate.
- The top three outdoor activities with the frequent participation rate are bicycling, hiking/backpacking, and surfing/bodyboarding.
- The respondents considered teens (13-18 yrs.) and youth (6-12 yrs.) programs as very important. Particularly, organized programs and information on recreational opportunities are important for teens. Special events, equipment for unstructured activities, and drop-in programs are also considered as relatively important.

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## I. Introduction

Kapolei area is one of the fastest growing communities in the state of Hawaii. According to the City and County of Honolulu, Planning Department, the population of Ewa area grew from 42,931 to 68,718 showing more than 60% growth from 1990 to 2000 (Honolulu Department of Planning and Permitting [DPP], 2002). The population is expected to reach approximately 125,000 by 2020 (City and County of Honolulu, Planning Department, 2000). The Villages of Kapolei Association is a key local agency that provides recreational opportunities and resources to the citizens. Faced with the rapid increase of the population, it is important for the Association to examine and evaluate existing services and develop strategies for various types and levels of leisure and recreation services for the community to meet future needs. This report summarizes recreation and leisure needs and preferences of the members, and provides recommendations for developing, maintaining, and improving existing and future services.

### A. Method

Data was collected using mail surveys, which is the most common needs assessment technique (DiGrino & Whitmore, 2005; Altschuld & Witkin, 1999). It is suitable for gathering large samples of responses (McKillip, 1987); identifying citizens' both current and desired recreation opportunities (Altschuld & Witkin, 1999); and examining changing preferences of the members (DiGrino & Whitmore, 2005). A simple random sampling was selected to gain representative preferences and opinions of the members (Leedy & Ormrod, 2005; Mitla & Lankford, 1999; Salant & Dillman, 1994).

A list of households of the association members (N = 2,242) was provided by the Villages of Kapolei Association. The sample consisted of 420 randomly selected members of the Association. Questionnaires were distributed during June to August, 2005. The sample size of 420 is sufficient to represent the population in  $\pm 5\%$  sampling error (Salant & Dillman, 1994; Yamane, 1967). The sample received a survey packet that included: cover letter with a brief description of the method and the primary intention of the survey; an uncompleted questionnaire; and a postage-paid envelope addressed to the Villages of Kapolei Association. It was followed by a postcard reminder and the second mailing of the survey, to achieve response rate of over 50% with which ensures that non-response bias is not present. Table 1 displays the response rate for the mail-out survey. Upon adjustment for non deliverables and an unusable survey, the sample size was 414. A response rate was 51.4% (n = 213).

**Table 1: Response Rate**

Sample Size and Outcome	Number
Original Sample	420
Not Deliverables	5
Unusable Survey	1
Adjusted Sample Size	414
Outcome	
Response Returned	213
Response Rate	51.4%

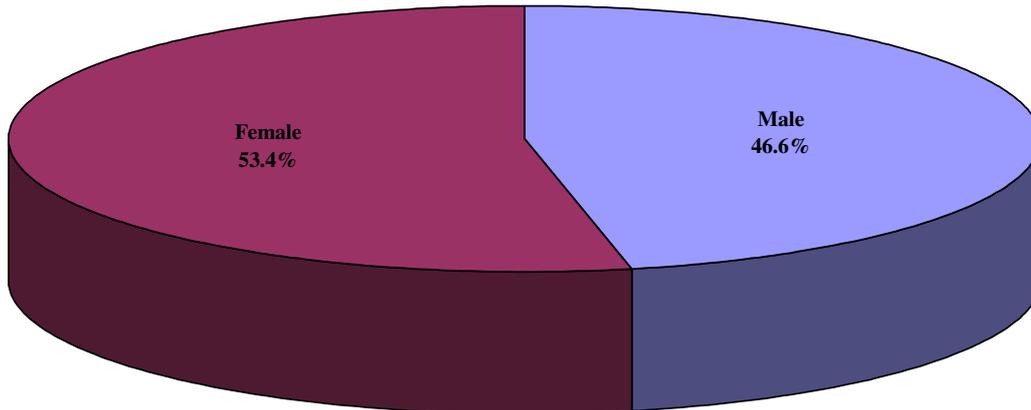
Source: STEP-UNI, Kapolei Mailout Survey, 2005

## II. Demographics

### A. Gender and Age of the Respondents

Figure 2.1 displays the gender of respondents. Females comprised 53.4% of the respondents and 46.6% of the respondents was male. Age of the respondents ranged from 27 to 72 years old. The average age of the respondents was 44.5 years old.

Figure 2.1: Gender

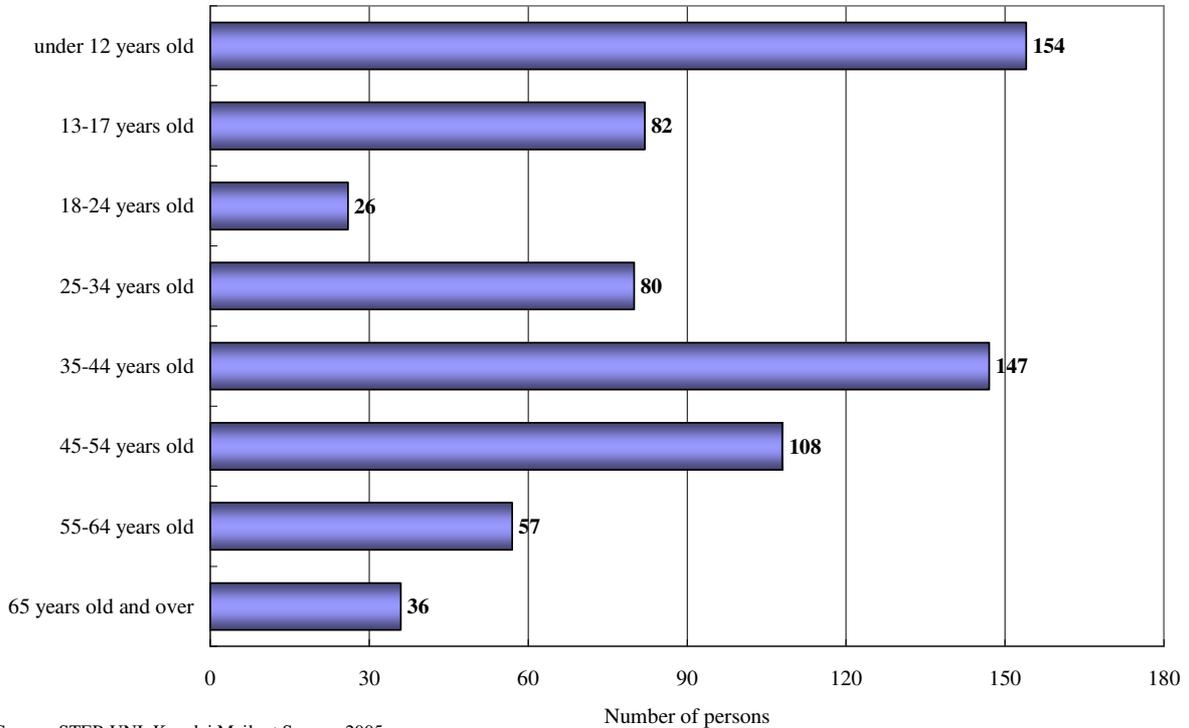


Source: STEP-UNI, Kapolei Mailout Survey, 2005

### B. Characteristics of the Sample Household

Figure 2.2 displays the age distribution of the sample's households. The sample household was comprised of children 12 years old or younger (N = 154), followed by 35-44 years old (N = 147), and 45-54 years old (N = 108). The age distribution of the sample's household was compared with the U.S. census conducted in 2000 in order to validate the representation. Table 2.1 summarizes the comparison of the characteristics of the sample household with the census data. While the census data included all the residents in the area of zip code 96707 (Ewa Plain), the sample was only derived from the Kapolei Village area. Hence, the characteristics of both data may be relatively similar. Individuals who were 18 years and older made up 65.8% of the sample's household. Similarly, the census (2000) reports 67.4% of the residents in the Ewa plain is 18 years old and older (City and County of Honolulu, Planning Department, 2000). The average household size of the sample was 3.8, whereas the census indicated the average of 3.5 persons.

**Figure 2.2: Total Number of Persons in the Sample Household**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Table 2.1: Comparison with the Census Data**

	Survey Data		Census 2000	
	Number	Percent	Number	Percent
18 years and older		65.8		67.4
Average Household Size	3.8		3.5	
24 years old and younger		38.0		40.3
25-34 years old		11.6		17.0
35-44 years old		21.3		18.7
45-54 years old		15.7		12.0
55-64 years old		8.3		6.9
65 years old and over		5.2		5.1
Total		100.1 <sup>a</sup>		100.0

<sup>a</sup>: percent sum exceeds 100% due to a roundup error.

Source: STEP-UNI, Kapolei Mailout Survey, 2005

Moreover, the sample households included those who were 24 years and younger (38%), followed by 35-44 years old (21.3%), and 55-64 years and 65 years and over being the two least reported age categories (8.3%, 5.2% respectively). The census data shows the similar tendency with 24 years and younger consisting of 40%, followed by 35-44 years old (18.7%), and 55-64

years and 65 years and over being the two least reported age categories (6.9%, 5.1% respectively). Overall, the differences of the age distribution of the sample households seem to be similar to the census and are acceptable.

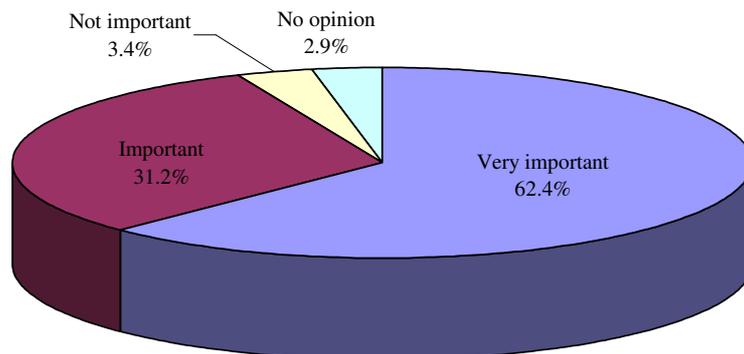
### III. Current Levels of Use

This section summarizes the current use of programs and facilities provided by Villages of Kapolei Association. The first section explores the importance of park facilities and recreation programs to the quality of life in Kapolei Villages. It is followed by sections that compare participated programs and recreational opportunities provided by Villages of Kapolei Association and the City and County of Honolulu. The third section examines current use levels of recreational resources. Lastly, the section identifies if there is a sufficient supply of recreation resources in the area.

#### A. Importance of Programs and Facilities

Figure 3.1 illustrates the importance of park facilities and recreation programs to the quality of life in the Villages of Kapolei. Respondents who said that park facilities and recreation programs are important or very important exceeds 90% (very important = 62.4%; important = 31.2%). Only 3.4% of respondents felt that park facilities and recreation programs were not important aspects in the quality of their lives.

Figure 3.1: How important are park facilities and recreation programs to the quality of life in Villages of Kapolei?



Source: STEP-UNI, Kapolei Mailout Survey, 2005

#### B. The Use of Villages of Kapolei Association and City & County of Honolulu Department of Parks and Recreation Programs

Table 3.1 displays the percentages of the sample who registered for a recreation program or activity provided by either the Villages of Kapolei Association or the City & County of Honolulu. Respondents indicated that 23.6% of them had registered for a program or activity provided by the Villages of Kapolei Association while only 11.9% of respondents had registered for an activity or program provided by the City & County of Honolulu.

**Table 3.1: Percentage Registering for a Program or Activity within the Last 12 Months**

Service Providers	Yes	No
Villages of Kapolei Association	23.6	76.4
City & County of Honolulu	11.9	88.1

Source: STEP-UNI, Kapolei Mailout Survey, 2005

### 1. Types of Programs

Table 3.2 displays the types of programs in which anyone in a given household participated. Swim lessons and basketball programs offered by the Villages of Kapolei Association were the most popular programs (30.6% respectively). In comparison, the City and County of Honolulu had a participation rate of 26.1% for swimming and 8.7% for basketball by sample residents of the Villages of Kapolei.

**Table 3.2: Types of Programs**

Programs	at Villages of Kapolei Association	at City and County of Honolulu
Swim Lessons or swimming	30.6%	26.1%
Basketball	30.6%	8.7%
VIP	10.2%	0.0%
Yoga	10.2%	0.0%
Sunset at the park	0.0%	8.7%
Pop Warner (football)	0.0%	8.7%
Lomi lomi	0.0%	8.7%
Farm Fair	0.0%	8.7%
Other	18.4% <sup>a</sup>	30.4% <sup>b</sup>

<sup>a</sup>: Martial arts, boy and girl scouts, aerobics, Easter egg dash, event

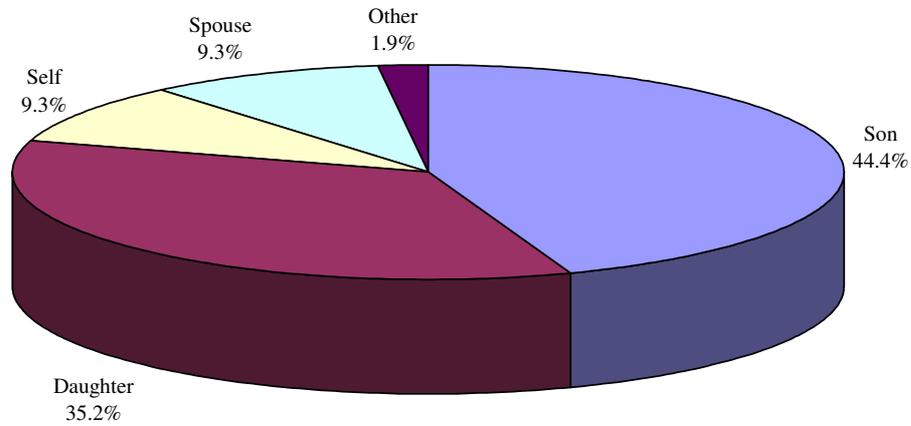
<sup>b</sup>: Martial arts, golf, tai chi, state fair, sunset on the plains, Christmas light parade, carnival

Source: STEP-UNI, Kapolei Mailout Survey, 2005

### 2. Family Member who Participated

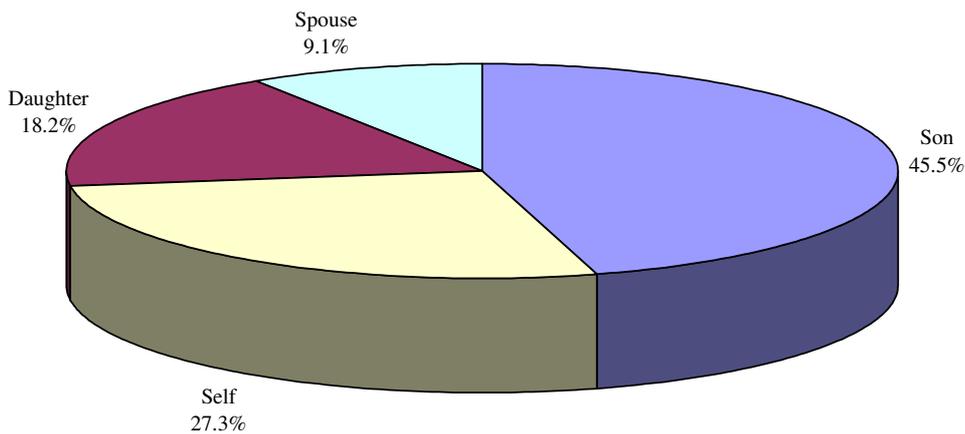
Figures 3.2 and 3.3 display which types of family members participated in recreational programs. The respondents' sons were the dominant participants of the programs provided by both Villages of Kapolei and City and County of Honolulu.

**Figure 3.2: Who Registered for Programs/Activities Provided by Villages of Kapolei Association?**



Source: STEP-UNI, Kapolei Mailout Survey,

**Figure 3.3: Who Registered for Programs/Activities Provided by City and County of Honolulu?**



Source: STEP-UNI, Kapolei Mailout Survey,

### 3. The Most and The Least Preferred Services

Respondents indicated the most and the least preferred services provided by agencies. The results show that the most preferred service was multi-purpose rooms that are used for meetings, banquets, arts and crafts, or other activities, followed by youth sports programs, and fitness and aerobics programs. The least preferred services were senior adult programs, scouting and martial arts.

#### C. Frequency of Participation in Existing Services

Table 3.3 depicts how frequently households visit or participate in existing services. Frequencies of participation were measured on a 4-point scale ranging from 1 = not at all, 2 = once a month, 3 = weekly, and 4 = almost daily. Neighborhood parks received the highest usage with an average of 2.2 (once a month to weekly) followed by a community pool (M = 1.8), while tennis courts and adult sports and activities received the lowest usage (M = 1.2, not at all to once a month).

**Table 3.3: How Frequently Households Visit/Participate in Existing Services (%)**

Facility/Program	Not at all	Once a month	Weekly	Almost daily	Mean <sup>a</sup>
A Neighborhood Park	31.8	25.5	32.8	9.9	2.2
A Community Pool	47.7	31.5	17.3	3.6	1.8
Youth Activities	78.5	5.8	11.0	4.7	1.4
Other	82.9	0.0	14.3	2.9	1.4
Gyms	83.3	5.7	6.3	4.6	1.3
Adult Sports & Activities	87.6	3.6	5.9	3.0	1.2
Tennis Courts	88.6	6.9	4.6	0.0	1.2

<sup>a</sup>: 1 = not at all, 2 = once a month, 3 = weekly, and 4 = almost daily.

Source: STEP-UNI, Kapolei Mailout Survey, 2005

Table 3.4 shows the general areas where the respondents utilize existing recreational programs. The respondents (90%) indicated that they use community pools, and a similar result was reported for parks. More than half of the respondents (66.7%) said that they use tennis courts in the Ewa area. More respondents appear to utilize gyms in the Honolulu area than Ewa area.

**Table 3.4: Areas of Visited/Participated Recreational Programs (%)**

Facility/Program	Area					
	Ewa Area (Kapolei, Ko Olina, Makakilo)	Aiea, Pearl City Area (Hickam, Moanalua)	Honolulu Area (Kakaako, Palolo)	Windward (Kaneohe)	Waikele Area (Waipio, Kunia, Milliani)	Other
A Community Pool	90.0%	5.0%	1.7%	1.7%	1.7%	
A Neighborhood Park	87.3%	1.6%	3.2%	0.0%	3.2%	4.8%
Tennis Courts	66.7%	0.0%	11.1%	0.0%	22.2%	0.0%
Gyms	16.7%	5.6%	22.2%	0.0%	11.1%	44.4% <sup>a</sup>

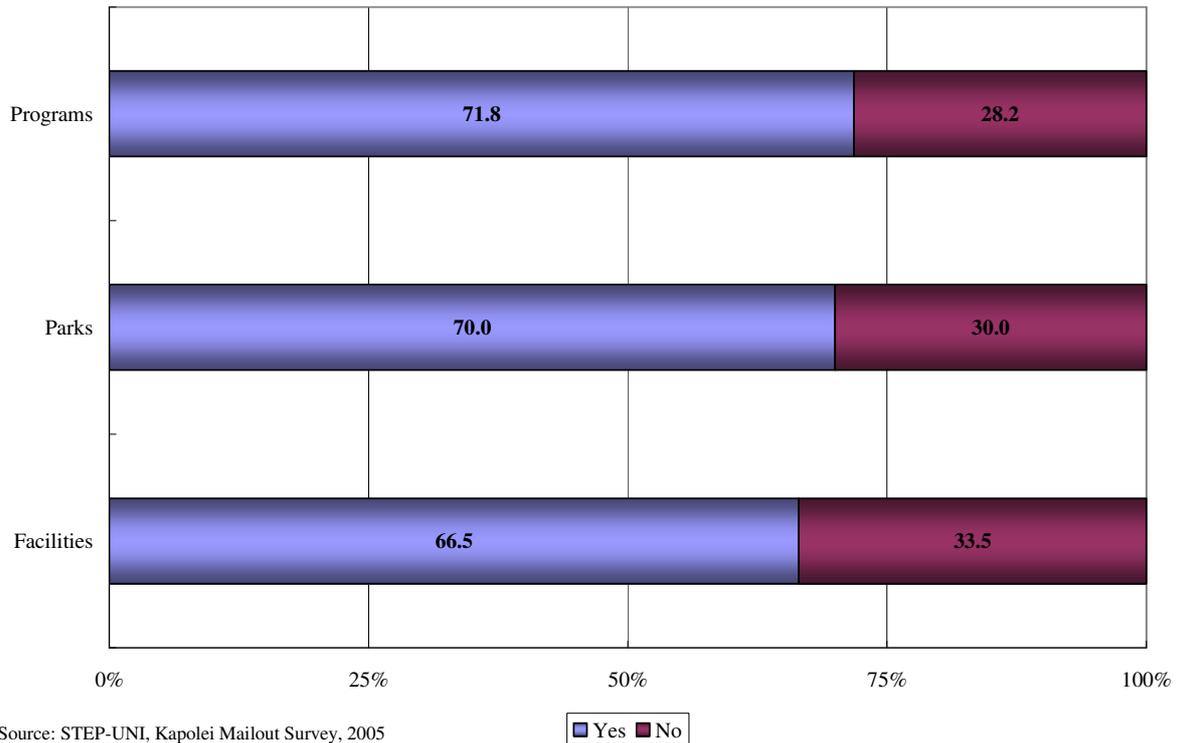
<sup>a</sup>: Include location unspecific private gyms (e.g., 24 Hr Fitness, Gold's Gym)

Source: STEP-UNI, Kapolei Mailout Survey, 2005

#### D. Availability of Resources

The majority of respondents said that the current supply of recreational resources in Kapolei area is sufficient. Figure 3.4 displays whether or not residents felt there were sufficient supplies of recreation resources (programs, parks, and facilities) in the Kapolei area. The results show that 71.8% felt there were enough programs in the Kapolei area, 70% felt there were enough parks in the Kapolei area, and 66.5% felt there were enough facilities in the Kapolei area.

Figure 3.4: Is there a sufficient supply of recreation resources in Kapolei area?



Of those who reported an insufficient supply of parks, 18.9% indicated a need for more playgrounds and more parks, followed by softball fields (17%), tennis courts (15.1%), and more playground equipment (13.2%) (See Appendix Table 8.1 for a full description of suggestions for parks). Of those who indicated insufficient supply of recreation facilities, many indicated a need for gym (41.2%) and tennis courts (19.6%) (See Appendix Table 8.2 for a full description of suggestions for facilities). In terms of programs, respondents indicated a need for senior programs (11.6%) such as exercise and crafts (See Appendix Table 8.3 for a full description of suggestions for programs).

#### IV. Participation in Recreational Programs

This section explores factors influencing respondents' participation in recreational activities. First, it explores the importance of factors which influence their decision to join a program. The second portion reports the sources of information used when deciding to participate in recreation or activity. Lastly, factors which inhibit participation will be summarized.

##### A. Factors Influencing Participation

More than half of the respondents reported all of the following items as being either very important or important when deciding to participate in recreational activities: time of the day (95.6%), location (94.6%), details and information (91.1%), fees and prices (89.2%), program length (term) (87.6%), program length (each meeting) (82.7%), instructor's reputation (81.1%), family orientation (72.3%), family consensus (64.9%), and child care availability (52.3%) (Table 4.1). The mean values of importance were measured on a 3-point scale ranging from 1 = not important, 2 = important, and 3 = very important. All the mean value except child care availability reached or exceeded "important" (2.0). Particularly, more than half of the respondents indicated that the time of day program offered (66%), location of the program (58.6%), and the cost of the program (53.7%) are "very important" factors in deciding their participation in recreational activities (Figure 4.1).

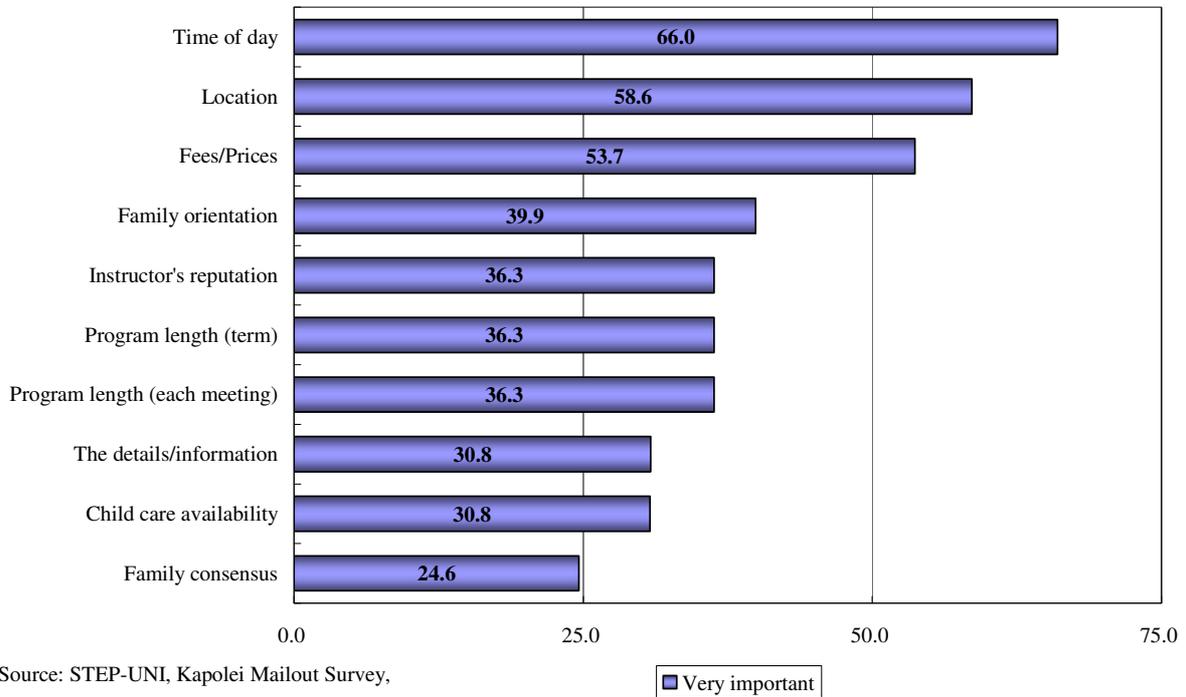
**Table 4.1 which Influence Resident's Decision to Participate in Recreational Programs (%)**

Factors	Very important	Important	Not important	No opinion	Mean <sup>a</sup>
Time of day	66.0	29.6	0.0	4.4	2.7
Location	58.6	36.0	1.5	3.9	2.6
Fees/Prices	53.7	35.5	4.9	5.9	2.5
The details/information	39.9	51.2	3.9	4.9	2.4
Instructor's reputation	36.3	44.8	10.0	9.0	2.3
Program length (term)	30.8	56.7	7.5	5.0	2.2
Program length (each meeting)	25.9	56.9	11.2	6.1	2.2
Family orientation	30.8	41.5	19.5	8.2	2.1
Family consensus	25.3	39.7	22.4	12.6	2.0
Child care availability	24.6	27.7	34.9	12.8	1.9

<sup>a</sup>: 1 = not important, 2 = important, 3 = very important

Source: STEP-UNI, Kapolei Mailout Survey, 2005

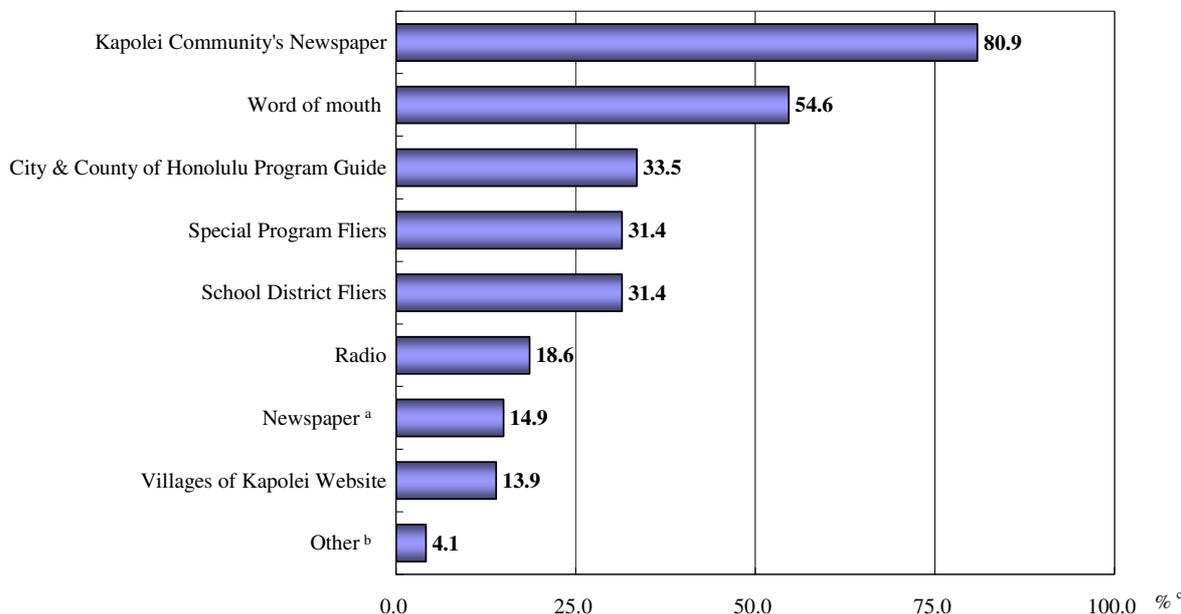
**Figure 4.1: Very important factors when deciding to participate in recreational activities (%)**



***B. Sources of Information***

Figure 4.2 shows the main sources of information used by respondents when deciding their participation in recreational programs. The newspaper was the most prevalent information source (80.9%), followed by word of mouth (54.6%), City and County of Honolulu program guide (33.5%), special program fliers (31.4%), and school district fliers (31.4%).

**Figure 4.2: Sources of Information Used When Deciding to Enroll in Recreational Programs**



a Include Honolulu advertiser, Midweek, Star Bulletin, and etc.  
 b Include bulletin board, office of Hawaiian affairs, and others.  
 c Percent sum exceeds 100%, since multiple sources were selected.  
 Source: STEP-UNI, Kapolei Mailout Survey, 2005

**C. Factors Inhibiting Participation**

Table 4.3 shows respondents’ constraints to participate in recreational programs. More than 80% of the respondents either agreed or strongly agreed that work commitments inhibits their participation in recreational programs, followed by family commitments (70.2%), and not knowing where to participate (45%). Factors inhibiting participation were measured on a 5-point scale ranging from 1 = strongly disagree, to 5 = strongly agree. The mean value of the following constraints exceeded the mid-point (3.0): work commitments (M = 4.2); family commitments (M = 3.9); don't know where to participate (M = 3.3); too far from home (M = 3.2); price of recreational equipment (M = 3.2); high admission fees (M = 3.2); lack of company (M = 3.2). Particularly, respondents strongly agreed that work commitments was the number one constraint (48.6%), followed by family commitments (28.7%), and admission fees (14.4%) (Figure 4.3). These findings are similar to other studies conducted by Lankford et al. and R<sup>2</sup>S.

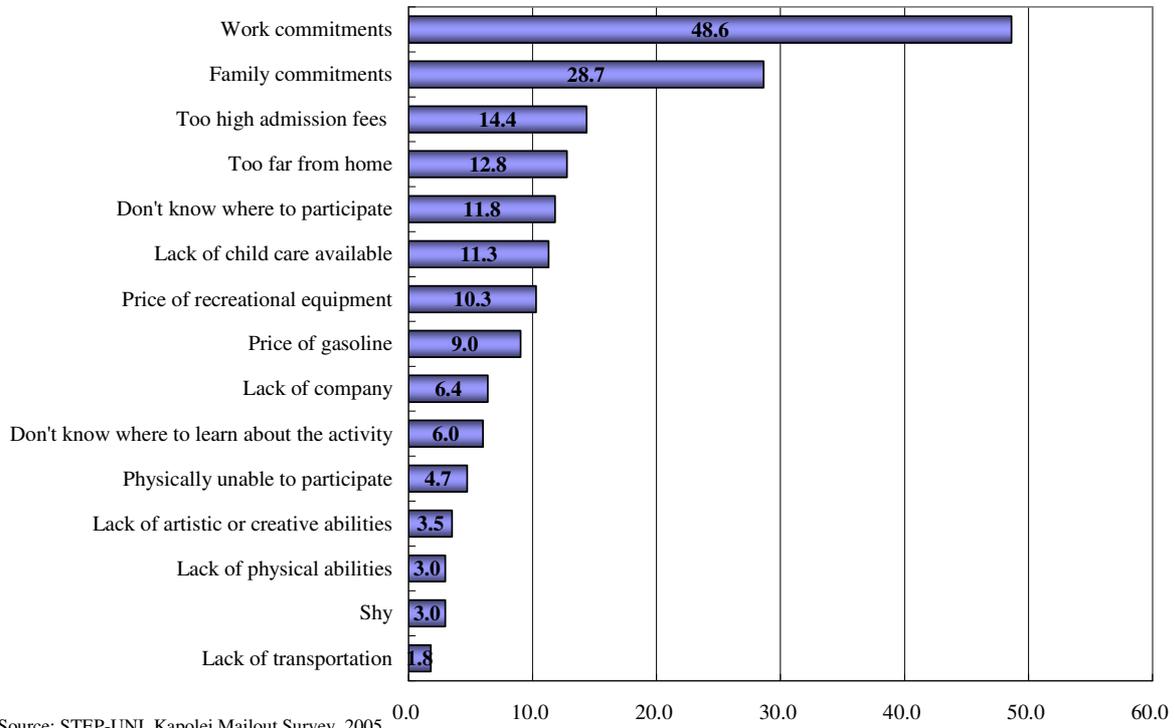
**Table 4.3: Factors Inhibiting Participation in Recreational Programs (%)**

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Mean <sup>a</sup>
Work commitments	48.6	33.9	12.6	3.3	1.6	4.2
Family commitments	28.7	41.6	21.9	6.2	1.7	3.9
Don't know where to participate	11.8	33.1	33.1	17.8	4.1	3.3
Too far from home	12.8	26.2	36.6	19.8	4.7	3.2
Price of recreational equipment	10.3	26.9	40.0	18.9	4.0	3.2
Too high admission fees	14.4	20.1	39.7	21.8	4.0	3.2
Lack of company	6.4	31.4	37.8	19.8	4.7	3.2
Don't know where to learn about the activity	6.0	22.8	43.7	21.6	6.0	3.0
Lack of child care available	11.3	17.3	37.5	19.6	14.3	2.9
Price of gasoline	9.0	9.0	39.8	28.3	13.9	2.7
Shy	3.0	10.1	37.3	36.1	13.6	2.5
Lack of artistic or creative abilities	3.5	8.8	36.3	33.3	18.1	2.5
Lack of physical abilities	3.0	6.5	36.9	34.5	19.0	2.4
Lack of transportation	1.8	4.2	30.4	40.5	23.2	2.2
Physically unable to participate	4.7	1.8	25.4	36.1	32.0	2.1

<sup>a</sup>: 1 = strongly disagree, 2 = disagree, 3 = neither agree nor disagree, 4 = agree, and 5 = strongly agree.

Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 4.3: Constraints to Participate in Recreational Programs**

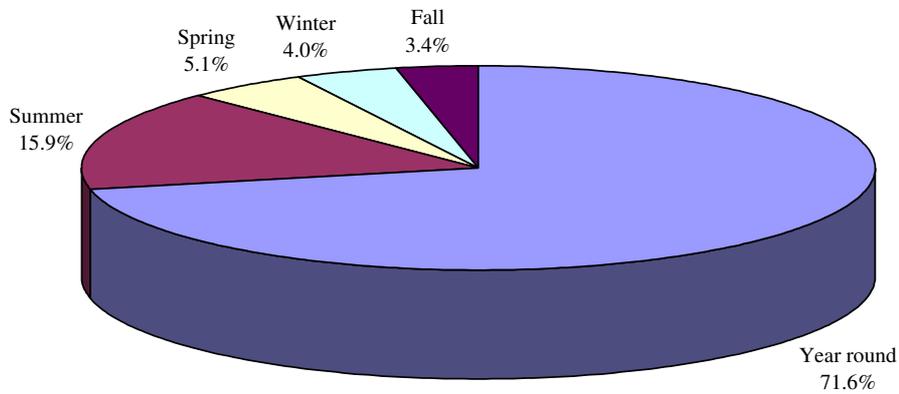


Source: STEP-UNI, Kapolei Mailout Survey, 2005

**D. Preferred Times of the Programs and Services**

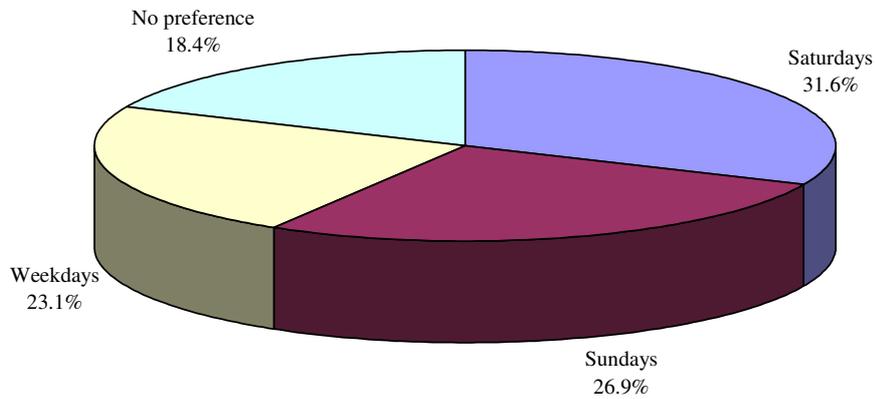
The majority of respondents preferred to have recreational activities offered year round (71.6%), followed by summer (15.9%) (Figure 4.4). More than half of the respondents prefer programs offered on weekends (58.5%): Saturdays (31.6%) and Sundays (26.9%) (Figure 4.5). Evenings were the most requested time (42.3%) while mornings were the least requested (15.5%), and nearly one quarter of respondents had no preference (24.2%) (Figure 4.6).

**Figure 4.4 Season which recreational activities should be offered**



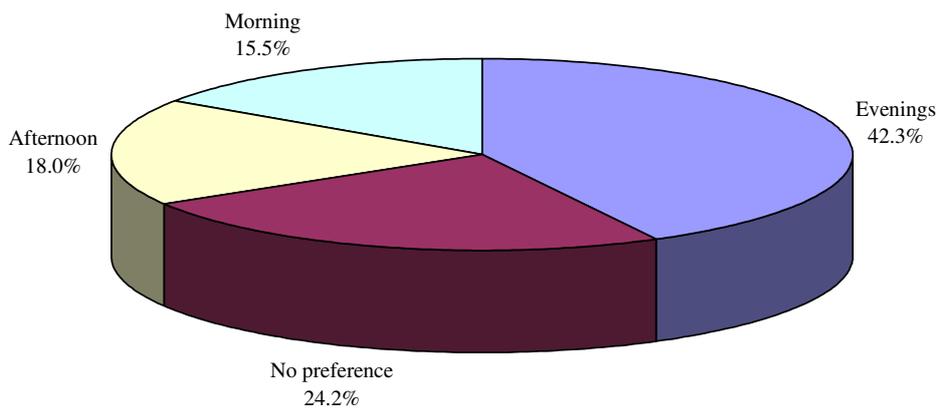
Source: STEP-UNI, Kapolei Mailout Survey,

**Figure 4.5 Day of the week which recreational activities should be offered**



Source: STEP-UNI, Kapolei Mailout Survey,

**Figure 4.6: Time of day which recreational activities should be offered**

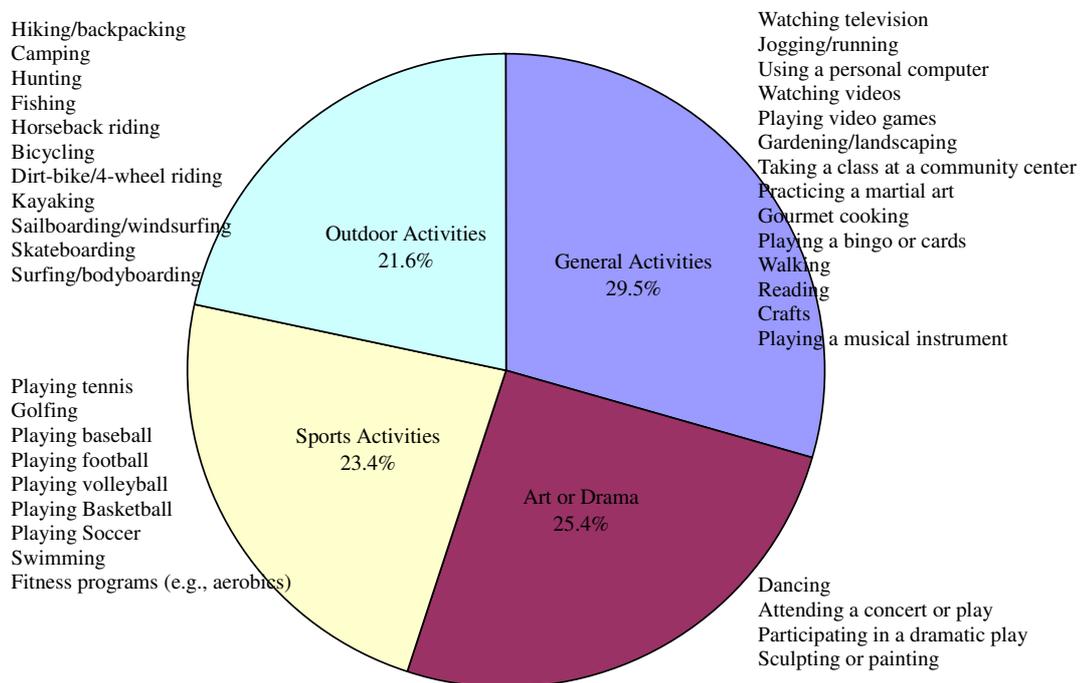


Source: STEP-UNI, Kapolei Mailout Survey, 2005

## V. Activity Participation and Interests

This section summarizes activities in which the respondents have participated or are currently involved in. It also illustrates activities in which respondents have not participated but would like to. Activities are categorized into four groups: general activities, art or drama, sports activities, and outdoor activities. Figure 5.1 represents the activities in which respondents most frequently participated. Nearly 30% of the sample most frequently participated in general activities, followed by art or drama (25.4%), sports activities (23.4%), and outdoor activities (21.6%).

Figure 5.1: Types of Activities that Sample Participated Often



Source: STEP-UNI, Kapolei Mailout Survey, 2005

### A. General Activities

Table 5.1 lists types of general activities and frequencies of participation in those activities by respondents. The general activity that had the highest participation rate was watching television. Nearly 90% of the respondents (87.4%) claimed that they watch television either sometimes or frequently, while only 12.6% claimed they do not watch television at all. Similarly, respondents who indicated participation either sometimes or frequently in the following general activities exceeded 85%: watching videos (88.8%); walking (88.6%); reading (87.8%); using a personal computer (87.4%).

**Table 5.1: How often you and your family participate in the following general recreational activities?**

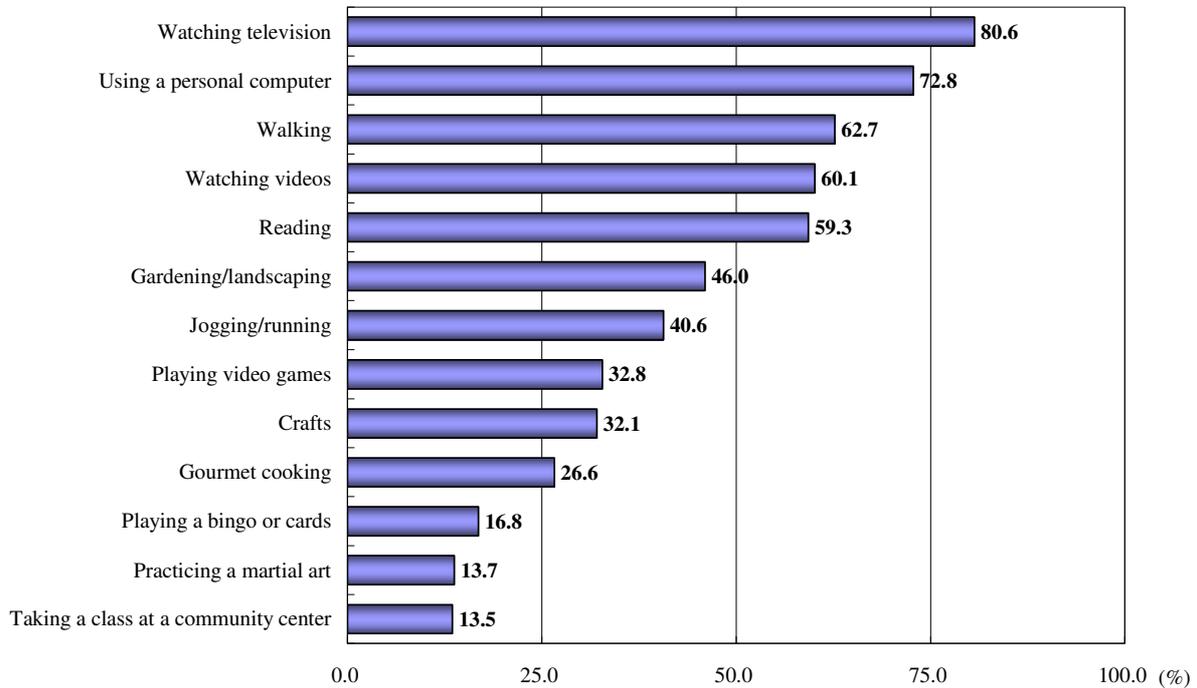
General Activities	Most Frequently (more often than once in a month)	Sometimes (less often than once in a month)	Not at all	Mean <sup>a</sup>
Watching television	80.6	6.8	12.6	2.7
Using a personal computer	72.8	13.1	14.1	2.6
Walking	62.7	25.9	11.4	2.5
Watching videos	60.1	28.7	11.2	2.5
Reading	59.3	28.6	12.2	2.5
Gardening/landscaping	46.0	30.5	23.5	2.2
Jogging/running	40.6	32.1	27.3	2.1
Crafts	32.1	34.2	33.7	2.0
Playing video games	32.8	26.2	41.0	1.9
Gourmet cooking	26.6	26.6	46.7	1.8
Playing a bingo or cards	16.8	33.2	50.0	1.7
Taking a class at a community center	13.5	23.8	62.7	1.5
Practicing a martial art	13.7	15.4	70.9	1.4

<sup>a</sup>: 1 = not at all, 2 = sometimes, and 3 = most frequently.

Source: STEP-UNI, Kapolei Mailout Survey, 2005

Frequencies of recreation participation in general activities was measured on a 3-point scale ranging from 1 = not at all, 2 = sometimes (less than once per month), and 3 = most frequently (more than once a month). Mean values of the following activities show sometimes to frequent participation by respondents (above 2 = sometimes): watching television (M = 2.7), using a personal computer (M = 2.6), walking, watching videos (M = 2.5), reading (M = 2.5), gardening/landscaping (M = 2.2), jogging/running, and crafts (M = 2.1). Notably, as Figure 5.2 shows, 80.6% of the respondents said that they watch television most frequently, followed by using a personal computer (72.8%), walking (62.7%), watching videos (60.1%), and reading (59.3%).

**Figure 5.2: Frequent Participation (more often than once in a month) in General Activities (%)**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

**B. Art or Drama**

Table 5.2 lists types of art and drama activities and frequencies of participation in those activities by respondents. Nearly 60% of the respondents (58.2%) said that they attend a concert or play either sometimes or frequently, followed by dancing (41.1%), and sculpting or painting (31.4%). A relatively small percentage of respondents also indicated that they participated in dramatic plays more than once a month (16.5%). Frequencies of recreation participation in art or drama was measured on a 3-point scale ranging from 1 = not at all, 2 = sometimes (less than once per month), and 3 = most frequently (more than once a month). Mean values of the all the items were lower than mid-point (2 = sometimes), indicating that respondents participated in the activities less often than once a month. Similarly, while more nearly 20% of the respondents (17.8%) said they participated in dancing more often than once a month, followed by attending concert or play, sculpting and painting, whereas only 4.9% of the respondents said that they participated in dramatic plays frequently (Figure 5.3).

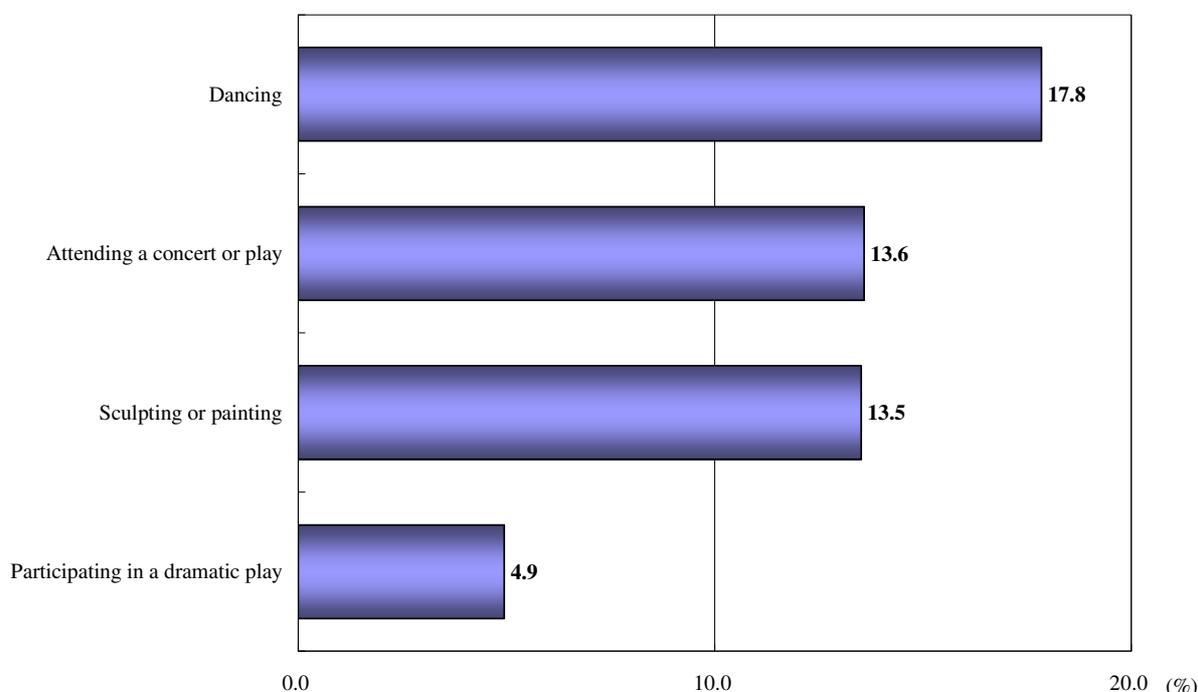
**Table 5.2: How often you and your family participate in the following art/drama activities?**

General Activities	Most Frequently (more often than once in a month)	Sometimes (less often than once in a month)	Not at all	Mean <sup>a</sup>
Attending a concert or play	13.6	44.6	41.8	1.7
Dancing	17.8	23.2	58.9	1.6
Sculpting or painting	13.5	17.8	68.6	1.4
Participating in a dramatic play	4.9	11.5	83.5	1.2

<sup>a</sup>: 1 = not at all, 2 = sometimes, and 3 = most frequently.

Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 5.3: Frequent Participation (more often than once in a month) in Art/Drama Activities (%)**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

### C. Sports Activities

Table 5.3 lists types of sports activities and frequencies of participation in those activities by respondents. More than 50% of the respondents claimed that they participated in swimming (67.5%) and fitness programs such as aerobics (55.6%) either sometimes or frequently. Whereas more than half of the respondents said that they do not play the following sports at all: soccer (75.9%), football (75.4%), baseball (75.1%), tennis (71.7%), volleyball (67.9%), basketball (59.8%), and golf (56.8%). Frequencies of recreation participation in sports activities was measured on a 3-point scale ranging from 1 = not at all, 2 = sometimes (less than once per month), and 3 = most frequently (more than once a month). The mean value of swimming was

2.1, indicating that respondents swim sometimes. The values of the rest of the sports activities were below 2, indicating limited frequencies of participation. Particularly, as Figure 5.4 shows, swimming had the highest participation rate with 41.2% of respondents participating frequently, followed by fitness programs (33.3%).

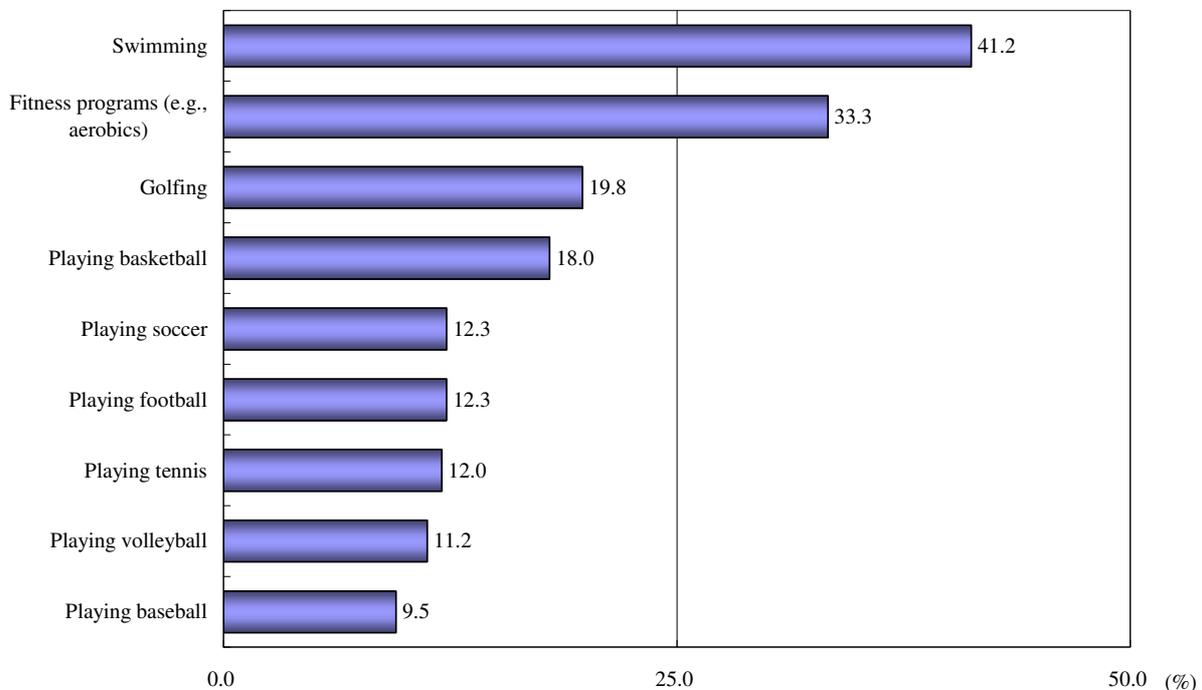
**Table 5.3: How often you and your family participate in the following sports activities?**

General Activities	Most Frequently (more often than once in a month)	Sometimes (less often than once in a month)	Not at all	Mean <sup>a</sup>
Swimming	41.2	26.3	32.5	2.1
Fitness programs (e.g., aerobics)	33.3	22.2	44.4	1.9
Golfing	19.8	23.4	56.8	1.6
Playing basketball	18.0	22.2	59.8	1.6
Playing volleyball	11.2	20.9	67.9	1.4
Playing tennis	12.0	16.2	71.7	1.4
Playing football	12.3	12.3	75.4	1.4
Playing soccer	12.3	11.8	75.9	1.4
Playing baseball	9.5	15.3	75.1	1.3

<sup>a</sup>: 1 = not at all, 2 = sometimes, and 3 = most frequently.

Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 5.4: Frequent Participation (more often than once in a month) in Sports Activities (%)**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

#### D. Outdoor Activities

Table 5.4 lists types of outdoor activities and frequencies of participation in those activities by respondents. Bicycling had the highest participation rate with 53.9 % of the respondents either sometimes to frequently engaged in. On the other hand, more than 80% of the respondents indicated that they do not participate in the following outdoor activities at all: Sailboarding/windsurfing (91.1%), hunting (89.5%), dirt-bike/4-wheel riding (86.4%), kayaking (85.3%), skateboarding (84.8%), and horseback riding (82.1%). Frequencies of participation in outdoor activities was measured on a 3-point scale ranging from 1 = not at all, 2 = sometimes (less than once per month), and 3 = most frequently (more than once a month). The mean values of all listed outdoor activities were below 2, indicating the sample's limited frequencies of participation. Moreover, Figure 5.5 shows that bicycling had the highest participation rate with 23.1% of respondents biking frequently, followed by hiking/backpacking (14.5%) and surfing/bodyboarding (11%). Whereas only 2.1% of the respondents frequently participating sailboarding/windsurfing.

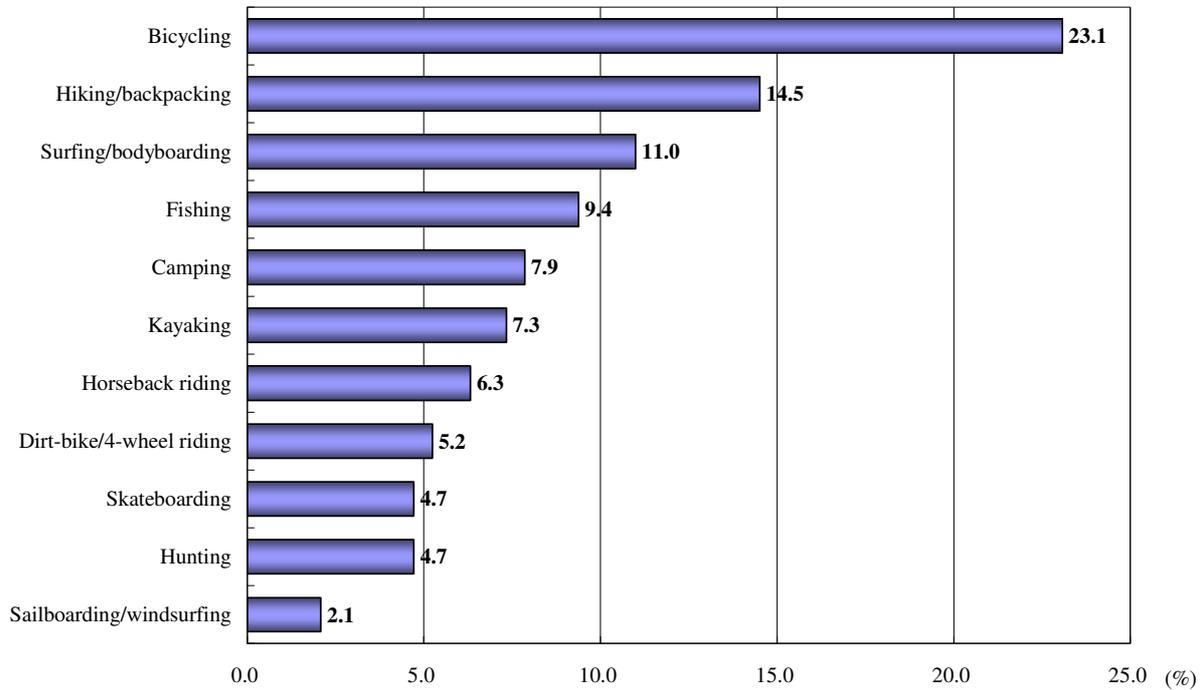
**Table 5.4: How often you and your family participate in the following outdoor activities?**

General Activities	Most Frequently (more often than once in a month)	Sometimes (less often than once in a month)	Not at all	Mean a
Bicycling	23.1	30.8	46.2	1.8
Hiking/backpacking	14.5	23.3	62.2	1.5
Fishing	9.4	29.7	60.9	1.5
Camping	7.9	27.7	64.4	1.4
Surfing/bodyboarding	11.0	16.2	72.8	1.4
Horseback riding	6.3	11.6	82.1	1.2
Kayaking	7.3	7.3	85.3	1.2
Skateboarding	4.7	10.5	84.8	1.2
Dirt-bike/4-wheel riding	5.2	8.4	86.4	1.2
Hunting	4.7	5.8	89.5	1.2
Sailboarding/windsurfing	2.1	6.8	91.1	1.1

a: 1 = not at all, 2 = sometimes, and 3 = most frequently.

Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 5.5: Frequent Participation (more often than once in a month) in Outdoor Activities (%)**

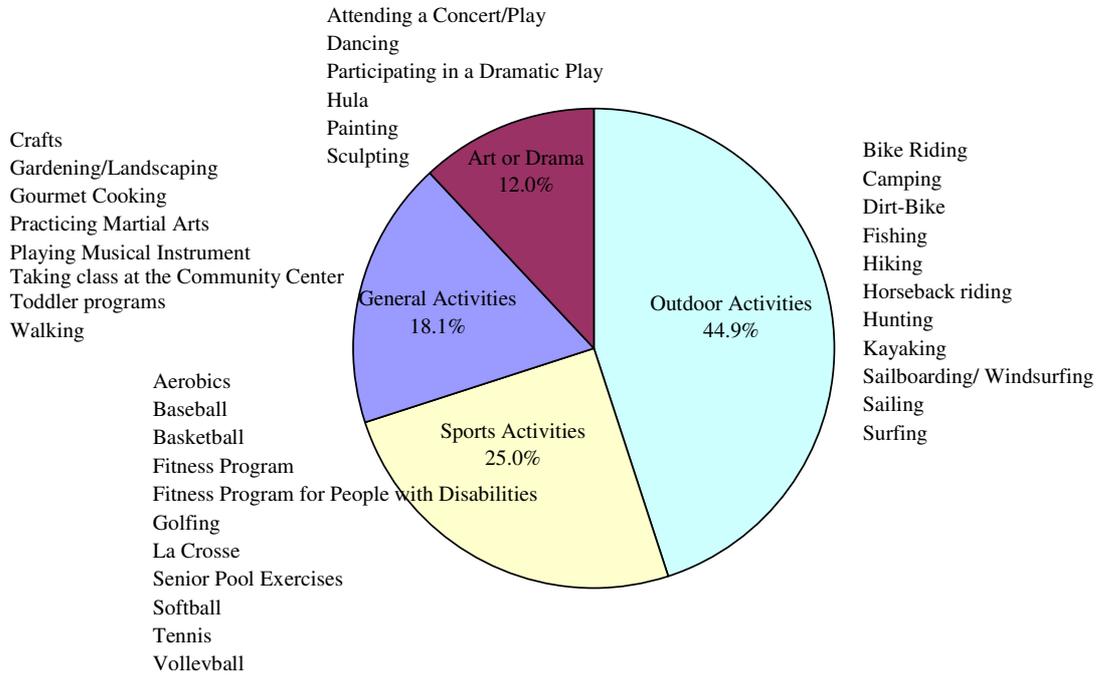


Source: STEP-UNI, Kapolei Mailout Survey, 2005

***E. Activities of Interest***

Respondents were also asked to indicate activities in which they would like to participate but have not yet tried. While the sample most frequently engaged in general activities followed by arts or drama, sports, and outdoor activities (See Figure 5.1), Figure 5.6 shows a different tendency; respondents are most interested in outdoor activities (44.9%), followed by sports (25%), general (18.1%), and art and drama (12%).

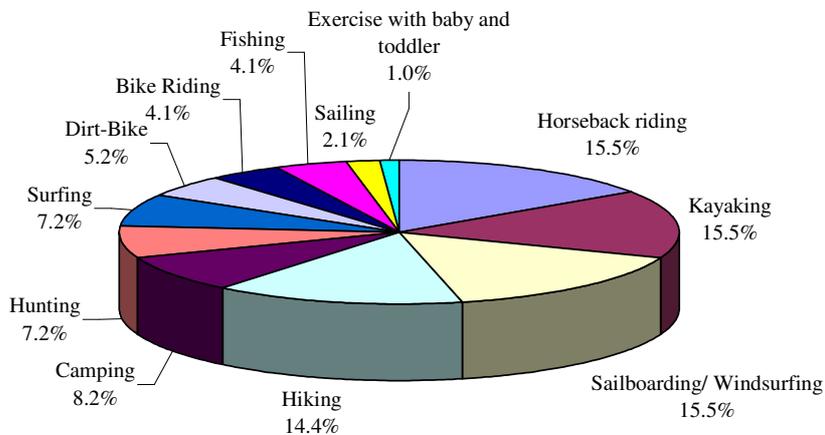
**Figure 5.6: Activities that the sample would like to, but have not participated in**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

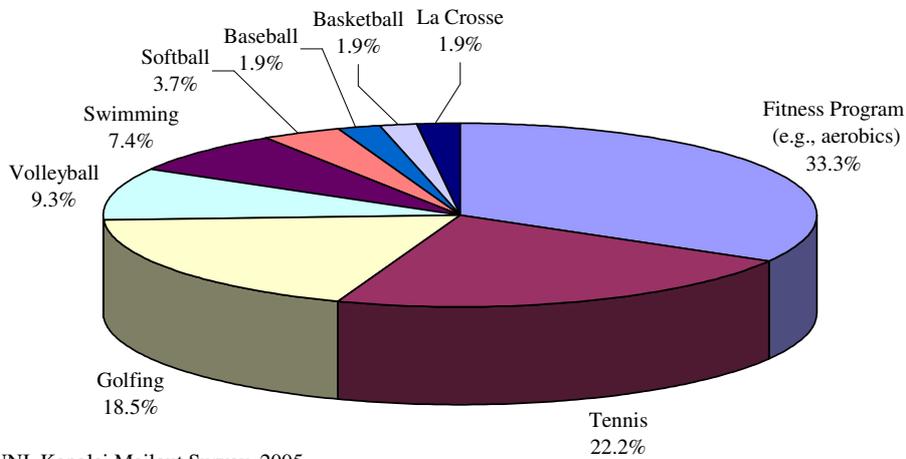
Figures 5.7-5.10 further illustrate types of activities respondents would like to participate by categories. Figure 5.7 illustrates types of outdoor activities respondents would like to participate in but have not yet. Horseback riding, kayaking, and sailboarding/windsurfing had the highest interest rates with each at 15.5%, closely followed by hiking (14.4%). In terms of sports activities, fitness achieved the highest interest (33.3%), followed by tennis (22.2%), and golfing (18.5%) (Figure 5.8). For general activities, gourmet cooking had the highest interest (20.5%), followed by crafts and martial arts (15.4%), bingo (12.8%), and gardening/landscaping (10.3%) (Figure 5.9). Lastly, in the art or drama category (Figure 5.8), dancing was of interest to 34.6% of respondents, followed by attending a concert/play (30.8%), practicing Hula (15.4%), and painting (11.5%).

**Figure 5.7: Types of Outdoor Activities that Sample Wants to, but Have not Participated in**



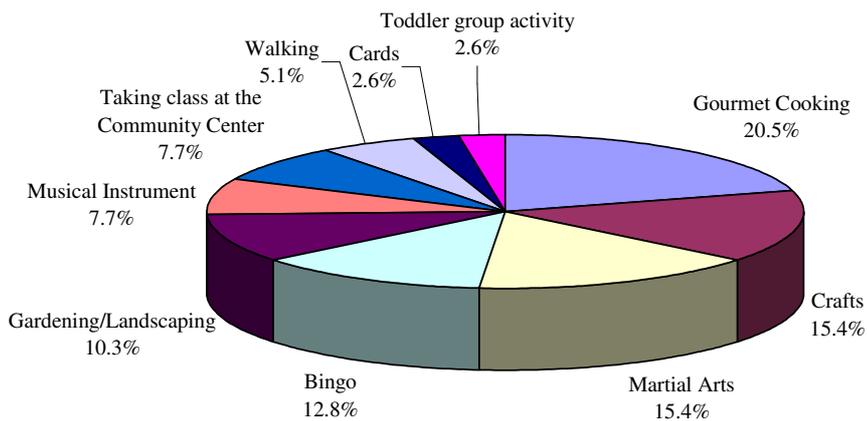
Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 5.8: Types of Sports Activities that Sample Wants to, but Have not Participated in**



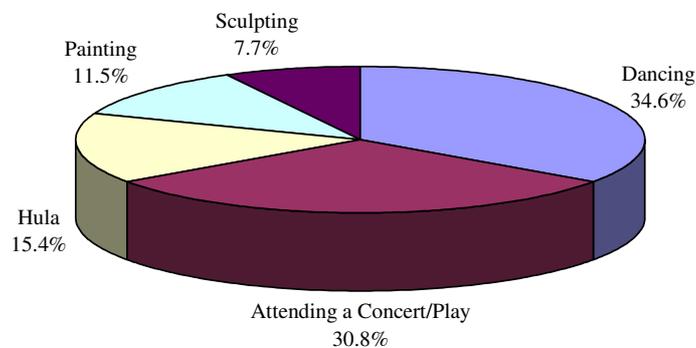
Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 5.9: Types of General Activities that Sample Wants to, but Have not Participated in**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 5.10: Types of Art/Drama activities that Sample Wants to, but Have not Participated in**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

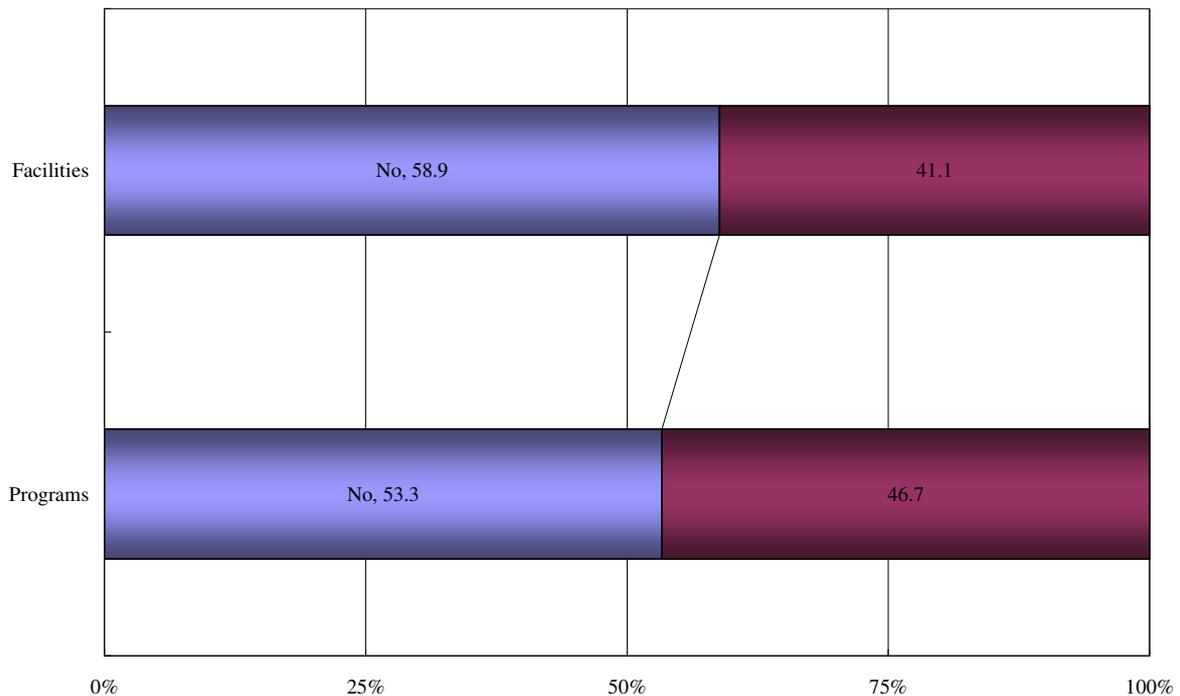
## VI. Recreational Activity Preferences and Suggestions

This section evaluates the respondent's preferences and suggestions of what they would like to see in the community. The first part of this section summarizes respondents' perception with regard to sharing recreational resources with non-members. Second, the section delineates what recreational options should be provided for teens. The last part reports suggestions and concerns expressed by the respondents.

### A. Possible Uses and Services

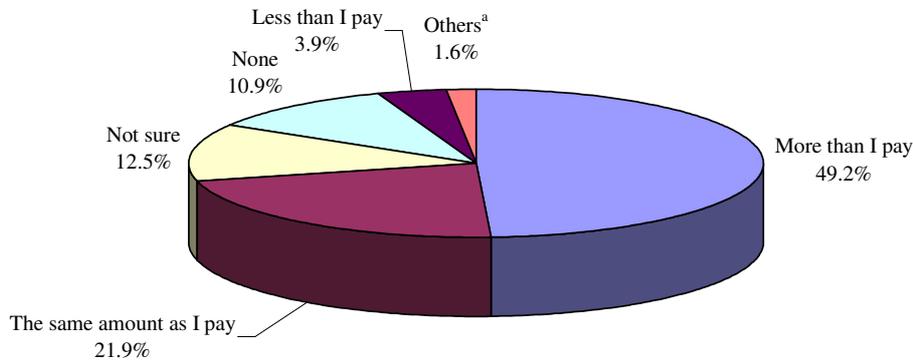
More than half of the respondents opposed sharing their recreation facilities and programs with non-members. While 58.9% of the people answered no to sharing facilities with non-members, 53% was against sharing programs. A one-sample chi-square test produced a significant disagreement with sharing facilities ( $\chi^2 = 6.021$ ,  $df = 1$ ,  $p < .05$ ). Of those who were willing to share programs and/or facilities, nearly half of the sample (49.2%) said that non-members should pay more than members, while 21.9% believed that nonmembers should pay the same fees. Similarly, a majority of them agreed (72.6%) that outside users should be accompanied by a local member.

Figure 6.1: Willingness to Share Programs and Facilities with Non-members



Source: STEP-UNI, Kapolei Mailout Survey, 2005

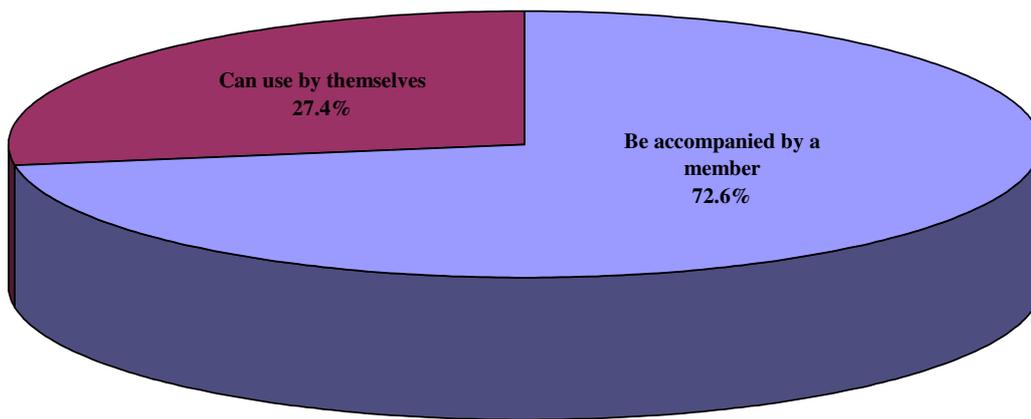
**Figure 6.2: Suggested Fees and Charges for Non-Members when Sharing Programs and/or Facilities**



<sup>a</sup>: include: charge based on the frequencies of use; double the fee and charges

Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 6.3: Should non-members be accompanied by an association member, or allowed to use services by themselves?**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

**B. Most Suggested Age-Related Programs**

Table 6.1 shows importance of recreational programs by age category. The majority of respondents considered programs are either important or very important for each category (teens, youth, pre-school, senior adults, young adults, and adults). The mean values of the degree of importance was calculated on a 3-point scale with 1 = not important, 2 = important, 3 = very important. Mean values for teens and youth achieved 2.7, showing significance of teens and youth recreational programs. Similarly, more than 70% of the respondents considered teens (13-18 yrs.) and youth (6-12 yrs.) programs to be very important, followed by programs for pre-school (3-5 years old = 52.9%) and senior adults (55 and over = 42.6%) (Figure 6.4).

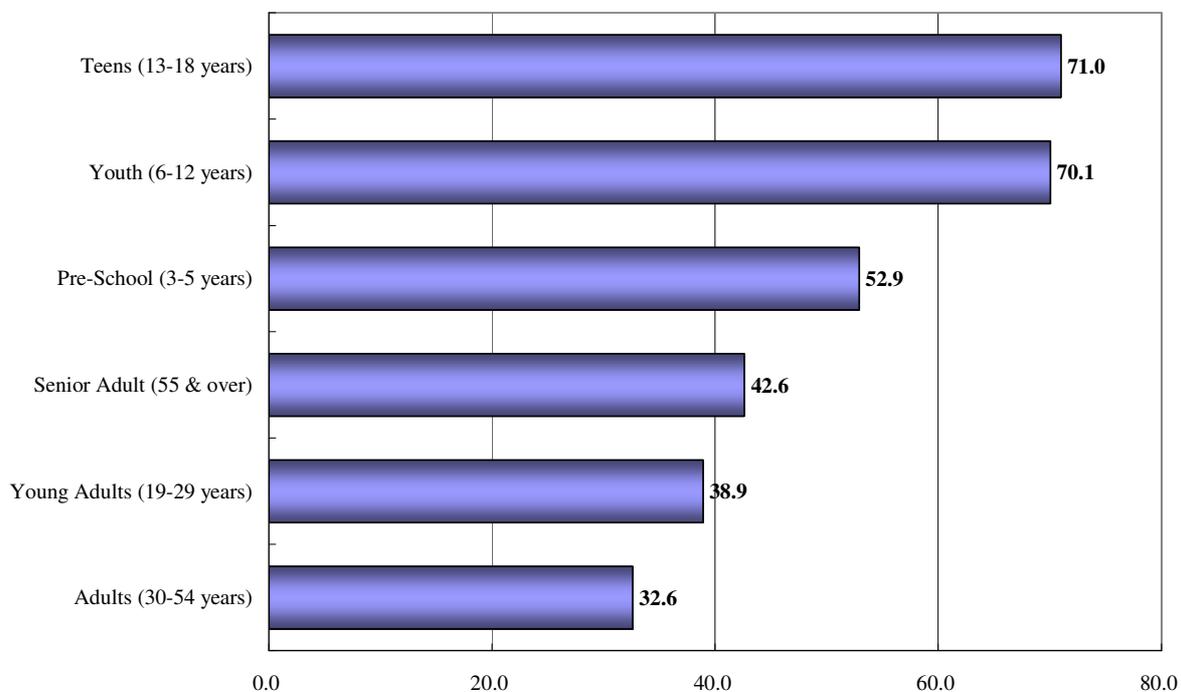
**Table 6.1: Importance of Recreational Programs by Age Category**

Age Categories	Very important	Important	Not important	No opinion	Mean <sup>a</sup>
Teens (13-18 years)	71.0	20.5	5.0	3.5	2.7
Youth (6-12 years)	70.1	21.8	4.6	3.6	2.7
Pre-School (3-5 years)	52.9	31.2	9.5	6.3	2.5
Senior Adult (55 & over)	42.6	43.7	5.1	8.6	2.4
Young Adults (19-29 years)	38.9	38.4	13.5	9.2	2.3
Adults (30-54 years)	32.6	42.2	16.6	8.6	2.2

<sup>a</sup>: 1 = not important, 2 = important, 3 = very important

Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 6.4: Importance of Recreational Programs by Age Category**



Source: STEP-UNI, Kapolei Mailout Survey, 2005

### C. Important Programs for Teens

Programs suggested for teens were further examined. Respondents were also asked to indicate a degree of importance of the recreational opportunities for teens. The similar levels of importance were given both for recreational opportunities provided by Villages of Kapolei and City & County of Honolulu (Table 6.2). More than 90% of the respondents said that organized programs and information on recreational opportunities are either important or very important for teens. Namely, more than half of the respondents agreed that the above two items are “very important” for teens (Figure 6.5). The mean values of degree of importance was calculated on the 3-point scale with 1 = not important, 2 = important, and 3 = very important. All the items including special events, equipment for unstructured activities, drop-in programs were considered as relatively important with all the mean value stayed close to important (M = 2.0).

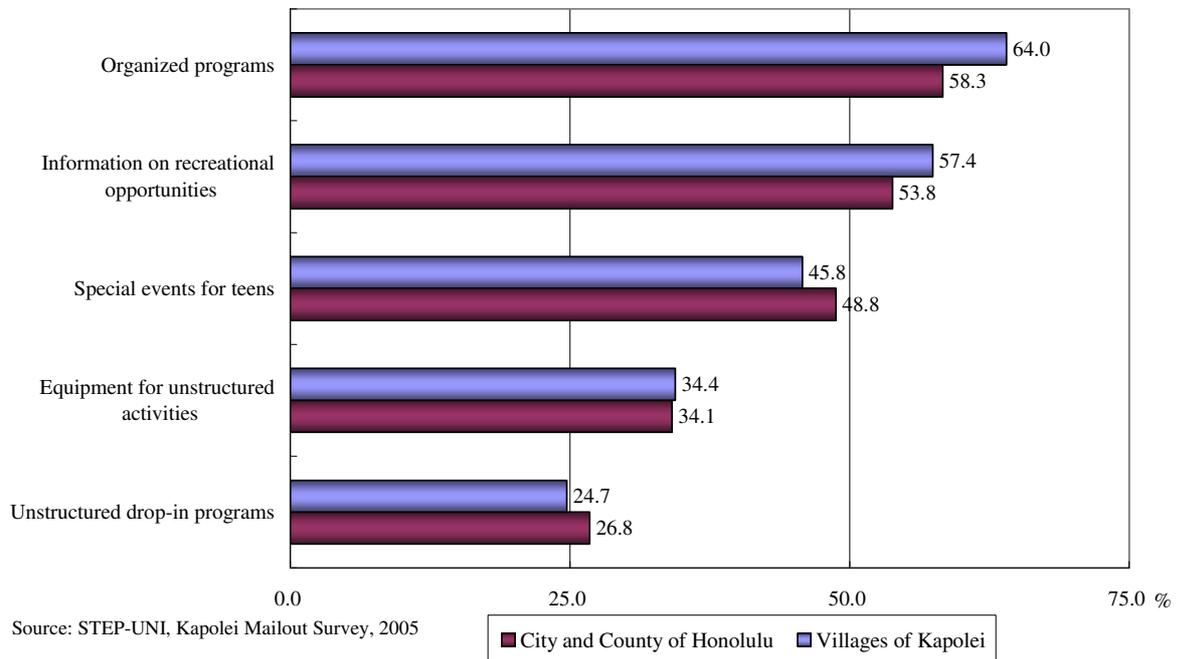
**Table 6.2: Recreation opportunities that are important to teens**

Recreation Opportunities	Villages of Kapolei				City and County of Honolulu			
	Not important (%)	Important (%)	Very important (%)	Mean <sup>a</sup>	Not important (%)	Important (%)	Very important (%)	Mean <sup>a</sup>
Organized programs	6.3	29.6	64.0	2.6	6.5	35.1	58.3	2.5
Information on recreational opportunities	8.0	34.6	57.4	2.5	7.7	38.5	53.8	2.5
Special events for teens	10.2	44.1	45.8	2.4	12.2	39.0	48.8	2.4
Equipment for unstructured activities	25.7	39.9	34.4	2.1	26.3	39.5	34.1	2.1
Unstructured drop-in programs	31.0	44.3	24.7	1.9	28.0	45.2	26.8	2.0

<sup>a</sup>: 1 = not important, 2 = important, 3 = very important

Source: STEP-UNI, Kapolei Mailout Survey, 2005

**Figure 6.5: Comparison of Recreation Opportunities that Are Very Important to Teens by Service Agency**



**D. Place Where Children (under age 17 and below) Play**

Table 6.3 summarizes the places where children under age 17 and below play. Children of the respondents were reported to play at schools (34.8%), cul de sac (31.3%), recreation center (30.4%), and parks (25%). Moreover, of those indicating “other” places, almost half of them said that their children play at home (41.9% of “other” category) (For a full list of “other” categories, see Appendix D, Table 8.4).

**Table 6.3: Place Where Children (under age 17 and below) Play <sup>a</sup>**

Places	% <sup>b</sup>
School	34.8
Cul de sac	31.3
Recreation center	30.4
City parks	25.0
Open parking place	5.4
Other <sup>c</sup>	40.2

<sup>a</sup>: N = 187

<sup>b</sup>: Percent sum exceeds 100% due to multiple responses were selected.

<sup>c</sup>: Include: home, street, mall, and others (See Table 8.4 in Appendix)

## VII. Recommendations

### A. Use by Non-members

- Careful consideration should be made to allow access by non-members. Members are not necessarily supportive of sharing programs and facilities with non-members. In particular, members expressed negative opinions with regard to sharing facilities. When allowing the access, non-members should be charged more than the amount members pay, and be accompanied by a member.
- Members are sensitive to fees and charges. Other suggestion for use by non-members include: members' priority in booking and member discount, should have priorities to use facilities and programs (See Appendix D for a full list of comments and opinions). Additionally, with regard to fees and charges some concerns were expressed for ID cards (See Appendix D for a full list of comments and opinions). Eliminating the charge for ID cards or a one-time charge for the ID may be considered. As mentioned in section IV, the amount of fees and charges is an important determinant of recreation participation and an inhibitor to participation. Therefore, sharing facilities and programs could result in lower participation rate. Moreover, ID card charges may be a potential issue in allowing access to non-members.
- While more than half of the members are not supportive of sharing programs and facilities with non-members, only one quarter of the members actually participated programs and activities. Effort should be made to facilitate participation as well as keeping the costs low.

### B. Parks

- As section III indicates, respondents consider that there is a sufficient supply of parks in the Villages of Kapolei area, and they frequently visit neighborhood parks and community parks. However, there is a need for more playgrounds, more playground equipment (e.g., swings, jungle gyms), and field for organized sports (e.g., softball field). Moreover, some members pointed out the presence of trash and overdevelopment of the area. Inventory, inspection, and improvement of the park resources are recommended.

### C. Facilities

- Of those who indicated insufficient supply of recreation facilities, many indicated a need for gym and tennis courts (Section III). In fact, fitness was the top interest of the sports activities listed (see section V). Many indicated a need for a gym in the community. Currently many appear to utilize gyms in Honolulu area. The respondents said that they rarely use tennis courts, while tennis is the second sports activity in which respondents want to participate. In addition, those who enjoy tennis show a need for neighborhood tennis courts.
- The most preferred service is the provision of multi-purpose rooms, but members are

concerned with availability of the rooms on weekends, and the amount charged for use (Appendix D). With regard to the pool, there is some request for more space, security, longer operating hours, and may also be considered (Appendix D). The longer access hours is also requested for bathroom facilities. Moreover, common areas (including the fountain in front of the recreation center) need to be better maintained. Lastly, insufficient restroom facilities and parking space was identified.

#### ***D. Programs***

- The top two preferred programs are youth sports and fitness programs, while some hope to see similar programs for younger kids (e.g., organized sports) and senior adults (e.g., exercise, aquatic and crafts) (section III). Programs for teens (13-18 yrs.) and youth (6-12 yrs.) are very important (section IV). Organized programs should continue to be offered in the area of sports, aquatics. Special events, equipment for unstructured activities, drop-in programs will also be effective in attracting teens.
- Moreover, information on recreational opportunities is very important to facilitate teens' participation. As section IV shows, the newspaper is the most prevalent information source that influence recreation participation, followed by word of mouth, City and County of Honolulu program guide, special program fliers, and school district fliers. Some recommendations were made with regard to increasing newsletter exposures (Appendix D). Given that the word of mouth is a source of information, there is a need to develop a strong service orientation. Positive word of mouth is a key success factor (Richheld, 2003). Studies on "what customers tell other people" may be useful in enhancing this aspect.
- Time of the day programs are offered is also very important when deciding participation (section IV). In order to facilitate further participation of adults, programs on weekends or evenings may be developed particularly targeting the working population.
- Lastly, there is support to continue childcare programs along with recreation programs to support participation as well as responding to general childcare needs.

**APPENDIX A**  
Cover Letter



June 28, 2005

Dear Kapolei Villages Resident:

Aloha, we would like your assistance and opinion. The enclosed survey is intended to identify your recreation and leisure needs and preferences. Your answers will help the Villages of Kapolei Association to develop and maintain programs that meet the recreational needs and preferences of the community.

The Villages of Kapolei Association is working to develop strategies for various types and levels of leisure and recreation services for the community to meet future needs. This survey is being sent to randomly selected a number of residents in the Kapolei area. You have been selected as part of this random selection process. Your response to this survey will help determine the most important and preferred types of leisure and recreation programs and services. All of your responses to this survey and your identity are completely confidential.

Please complete the attached survey and return it in the enclosed postage paid self-addressed envelope. It will only take a few minutes to complete this survey. Your assistance in this project is very important and is greatly appreciated. In case we don't hear from you within two weeks, another survey will be sent to you. You will locate a number on the return envelope which indicates your address and is used for tracking the returned surveys. This helps us save money.

Should you have any questions about this survey, or have comments about recreation issues in the Villages of Kapolei area, please contact the Villages of Kapolei, Recreation Director, Chris Lewis at 674-4444. Mahalo for your kokua—thank you for your help.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Lewis".

Chris Lewis  
Recreation Director,  
The Villages of Kapolei Recreation Center

**APPENDIX B**  
2005 Kapolei Villages Mail-out Survey

**Leisure Needs, Attitudes, and Opinion Survey**  
**Villages of Kapolei Association**

**If you have any questions regarding this survey, please call 674-4444.**

The Board of Directors for the Villages of Kapolei Association is attempting to determine the recreation program needs of the citizens of our community. Please assist us by taking a few moments to fill out this questionnaire. You may return the questionnaire in the enclosed postage paid envelope. The survey will only take a few moments of your time. Mahalo!

1. How important are park facilities and recreation programs to the quality of life in Kapolei Villages? Please  appropriate box.

Very Important     Important     Not Important     No Opinion

2. In Kapolei area, is there a sufficient supply of recreation resources? Please  appropriate box.

Parks     Yes     No    If no, what improvements can be made? \_\_\_\_\_

Facilities     Yes     No    If no, what improvement can be made? \_\_\_\_\_

Programs     Yes     No    If no, what improvement can be made? \_\_\_\_\_

3. Within the last 12 months, have you and/or anyone in your household registered for a program or activity provided by Villages of Kapolei Association and/or City & County of Honolulu? Please  appropriate box.

a. I and/or my family member(s) participated in activities provided by Villages of Kapolei Association.     Yes     No

If yes, what was the program? \_\_\_\_\_

Who registered?     Self     Son     Daughter     Spouse

Other: please specify: \_\_\_\_\_

What was their age? \_\_\_\_\_

b. I and/or my family member(s) participated in activities provided by City and County of Honolulu.     Yes     No

If yes, what was the program? \_\_\_\_\_

Who registered?     Self     Son     Daughter     Spouse

Other: please specify: \_\_\_\_\_

What was their age? \_\_\_\_\_

4. Do you think Villages of Kapolei should provide recreation programs for: Please  appropriate box.

	Very Important	Important	Not Important	No Opinion
Senior Adult (55& over)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adults (30-54 years)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Young Adults (19-29 years)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Teens (13-18 years)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Youth (6-12 years)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pre-School (3-5 years)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. What source(s) of information do you use when making your decision to register in a recreation program? Please  all that apply.

- City & County of Honolulu Department of Parks & Recreation Program Guide
- Radio
- School District Fliers
- Special Program Fliers
- Villages of Kapolei Website
- Word of mouth from friend, family, and/or neighbors
- Kapolei Community's Newspaper
- Other Newspaper (please specify): \_\_\_\_\_
- Other (please specify): \_\_\_\_\_

6. When making decision to participate in any organized recreation program(s), how important are the following factors in helping you to make a decision? Please  appropriate box.

	Very Important	Important	Not Important	No Opinion
Fees/Price of program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Location of program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time of day of program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The reputation of the instructor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The length of the program in terms of each meeting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of days/weeks the program runs/extends	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The details/information about the program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If the program is for family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child care availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
What other family members want to do	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. Please indicate to what degree someone in your household has visited or participated in each program or facility in the past twelve (12) months. Please  appropriate box.

	Frequency of Visitation			
	Not at all	Once a Month	Weekly	Almost Daily
A Community Pool; which one? _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A Neighborhood Park; which one? _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tennis Courts; which one? _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gyms; which one? _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adult Sports & Activities; which one? _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Youth Activities; which one? _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. How important are the following recreational opportunities for teens provided by Villages of Kapolei or City and County? Please  appropriate box.

Villages of Kapolei				City and County of Honolulu		
Very Important	Important	Not Important		Very Important	Important	Not Important
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Organized recreation programs (arts, aquatics, sports, outdoor, fitness, and etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Information on recreational opportunities for teens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Equipment for unstructured activities (bats, balls, frisbees, and etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unstructured drop-in programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Special events for teens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other (please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. The following are services available at the community center. Please  a service you prefer the **MOST** and the **LEAST**.

Your Preference		Community Center Options	
Most	Least		
<input type="checkbox"/>	<input type="checkbox"/>	Multi-purpose Rooms (meetings, banquets, arts & crafts, and etc.)	
<input type="checkbox"/>	<input type="checkbox"/>	Senior Adult Programs	(which kind? )
<input type="checkbox"/>	<input type="checkbox"/>	Teen Recreation Programs	(which kind? )
<input type="checkbox"/>	<input type="checkbox"/>	Fitness and Aerobics Programs	(which kind? )
<input type="checkbox"/>	<input type="checkbox"/>	Martial Arts	(which kind? )
<input type="checkbox"/>	<input type="checkbox"/>	Youth Sports	(which kind? )
<input type="checkbox"/>	<input type="checkbox"/>	Scouting	(which kind? )
<input type="checkbox"/>	<input type="checkbox"/>	Other (please specify):	(which kind? )

10. The following are some reasons why you would not be able to participate in recreation programs. Please  appropriate box.

	Strongly Agree	Agree	Neither Agree or Disagree	Disagree	Strongly Disagree
Work commitments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No opportunity to participate near my home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The price of recreational equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
It is difficult to find others to participate with	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Don't know where to participate in the activity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Admission fees for recreation facilities too high	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Family commitments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I don't have child care available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I don't know where I can learn the activity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am shy about participating in public	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Present price of gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I don't have the physical abilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of transportation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am physically unable to participate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not having artistic or creative abilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. How often would you and your family participate in the following recreation activities? Please  appropriate box.

Types of Activities	Most Frequently (more often than once in a month)	Sometimes (less often than once in a month)	Not at all
<u>GENERAL</u>			
a. Watching television	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Jogging/running	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Using a personal computer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Watching videos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Playing video games	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Gardening/landscaping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Taking a class at a community center	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Practicing a martial art	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Gourmet cooking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Playing a bingo or cards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Walking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Reading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Crafts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Playing a musical instrument	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>ART OR DRAMA</u>			
a. Dancing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Attending a concert or play	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Participating in a dramatic play	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Sculpting or painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Types of Activities	Most Frequently (more often than once in a month)	Sometimes (less often than once in a month)	Not at all
<u>SPORTS ACTIVITIES</u>			
a. Playing tennis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Golfing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Playing baseball	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Playing football	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Playing volleyball	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Playing Basketball	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Playing Soccer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Swimming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Fitness programs (e.g., aerobics)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>OUTDOOR ACTIVITIES</u>			
a. Hiking/backpacking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Camping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Horseback riding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Bicycling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Dirt-bike/4-wheel riding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Kayaking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Sailboarding/windsurfing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Skateboarding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Surfing/bodyboarding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. From the preceding list, are there at least three activities you have NOT participated but would like to try? If yes, please list them:

Activity	Activity	Activity
a. Is there a particular time of day or time of year you would like to see these activities offered? Please <input checked="" type="checkbox"/> your preferences.		
<u>Time of Day</u>	<u>Day of Week</u>	<u>Season</u>
<input type="checkbox"/> Morning	<input type="checkbox"/> Weekdays	<input type="checkbox"/> Spring
<input type="checkbox"/> Afternoon	<input type="checkbox"/> Saturdays	<input type="checkbox"/> Summer
<input type="checkbox"/> Evenings	<input type="checkbox"/> Sundays	<input type="checkbox"/> Fall
<input type="checkbox"/> No preference	<input type="checkbox"/> No preference	<input type="checkbox"/> Winter
		<input type="checkbox"/> Year round

13. The following questions ask you about sharing recreation programs and facilities with non-members. Please  appropriate box.

a. Should Villages of Kapolei members share recreation programs (e.g., yoga classes, exercise classes, and dance classes) with users from other communities?  
 Yes  No

b. Are you willing to allow nonmembers use some of the facilities (e.g., pool, party, and meeting rooms)?  Yes  No If “no,” please go to question 14.

- c. What fees or charges should the sponsored participants accompanied by an association member pay? Please  appropriate box.
- More than you pay       The same amount as you pay  
 Less than you pay       None  
 Not sure       Others (please specify): \_\_\_\_\_
- d. Should nonmembers be accompanied by an association member, or allowed to use facilities by themselves? Please  appropriate box.
- Be accompanied by a member       Can use by themselves

**ABOUT YOURSELF AND HOUSEHOLD**  
**(Used to help develop recreation programs)**

14. How many males and females in your household?    \_\_\_\_\_ females;    \_\_\_\_\_ males
15. How many individuals in your household are there in the following age categories?
- \_\_\_\_\_ under 12 years    \_\_\_\_\_ 13-17 years    \_\_\_\_\_ 18-24 years    \_\_\_\_\_ 25-34 years  
\_\_\_\_\_ 35-44 years    \_\_\_\_\_ 45-54 years    \_\_\_\_\_ 55-64 years    \_\_\_\_\_ 65 and over

- a. If you have any son or daughter under age 17 and below (if you do not, please go to question 16), where do they play or hang out most often?
- City parks  
 Recreation center  
 Cul de sac  
 Open parking place  
 School  
 Other (please specify): \_\_\_\_\_

16. You are:     Male     Female    ; and \_\_\_\_\_ years old.

17. Do you have any other comments, concerns, or suggestions regarding current facilities, park maintenance, and recreation programs operated by the Villages of Kapolei Association?  
Please describe below:

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**MAHALO FOR YOUR ASSISTANCE**  
**Please return survey to the Villages of Kapolei Association in Enclosed Envelope**

**APPENDIX C**  
Tables

**Table 8.1: Suggested Improvements for Parks a**

	% <sup>b</sup>
More playgrounds	18.9
More parks	18.9
Softball fields	17.0
Tennis courts	15.1
More playground equipment c	13.2
Baseball fields	5.7
More parking	3.8
More parks for organized sports	3.8
Larger Parks	3.8
Skateboard ramps	3.8
Walking trail	1.9
Better security	1.9
Only allow use by members	1.9
Football field	1.9
Need a "Calm Park"	1.9
Shade for equipment	1.9
Improved maintenance	1.9
Send fliers in monthly newsletter	1.9
Open pool earlier in the morning	1.9
Fenced volleyball court	1.9
Picnic tables	1.9
Dog Park	1.9

<sup>a</sup> N = 67

<sup>b</sup> Percent sum exceeds 100% due to multiple responses were selected.

<sup>c</sup> Swings, jungle gyms, benches, lights

**Table 8.2: Suggested Improvements for Facilities a**

	% <sup>b</sup>
Gym	41.2
Tennis courts	19.6
Fitness center	7.8
Basketball courts	7.8
Longer operating hours for pool	5.9
Public Restrooms	3.9
More restrooms	3.9
Clean working bathrooms with doors	2.0
Aquatic space	2.0
Only allow use by members	2.0
More Picnic/Covered Areas	2.0
Maintenance	2.0
Bigger Volleyball Courts	2.0
Soccer Goals	2.0
Bike pathways	2.0
Racquetball	2.0
Lockers and showers	2.0
Larger facilities	2.0
Asphalt jogging pathways	2.0
Send fliers in monthly newsletter	2.0
Longer hours	2.0
More workout facilities	2.0
Cleaner facilities	2.0
Second pool	2.0

<sup>a</sup> N = 63

<sup>b</sup> Percent sum exceeds 100% due to multiple responses were selected.

**Table 8.3: Suggested Improvements for Programs <sup>a</sup>**

	<sup>b</sup> %
Seniors programs (exercise, crafts)	11.6
Dancing	7.0
Volleyball	7.0
Larger programs	7.0
Tennis lessons	7.0
More choices throughout the year	4.7
More class for adults	4.7
More family programs during non work time	2.3
Role models for our sons	2.3
More toddler sports programs	2.3
Free fitness programs	2.3
Evening exercise class	2.3
Information about what's offered needs t	2.3
More sports activities after school/ wee	2.3
More sports for recreation	2.3
Adult programs	2.3
More parks	2.3
Tahitian hula	2.3
Send fliers in monthly newsletter	2.3
Hawaiian studies	2.3
More choices during school breaks	2.3
Wide variety of martial arts	2.3
Kick boxing	2.3
Music instruction	2.3
Summer programs	2.3
Tax preparation	2.3
English class	2.3
Driving lessons	2.3
Swimming lessons	2.3
Inform members about programs	2.3
More programs on weekends	2.3
Evening swim classes	2.3
After school private tutoring	2.3
Boys & girls club	2.3

<sup>a</sup> N = 48<sup>b</sup> Percent sum exceeds 100% due to multiple responses were selected.**Table 8.4: "Other" Place Where Children (under age 17 and below) Play <sup>a</sup>**

Places	<sup>b</sup> %
Home	41.9
Street	9.3
Mall	7.0
Around the neighborhood	4.7
Day Care & Fun Centers	4.7
Kapolei	4.7
Golf course/ driving range	2.3
Shopping Center	2.3
Lwalani Playground	2.3
Church	2.3
Pearl City high school	2.3
Driveway	2.3
Friend's Home	2.3
Aeloa Park	2.3
Koolina golf course	2.3
Leahi Swim School	2.3
Kalakaua Basketball	2.3
Ft. Shafter Day Care	2.3
Aunt's House	2.3
Playground	2.3
Friends	2.3
Pool area	2.3

<sup>a</sup>: N = 47<sup>b</sup>: Percent sum exceeds 100% due to multiple responses were selected.

**APPENDIX D**  
List of Comments and Opinions

## **A. Parks**

- Too much trash at parks (2)
- Need more playground and park area
- Houses were built where it was told to be a parks

## **B. Facilities**

### Suggestions

- Need more parking (2)
- Need more banquet rooms for weekends
- Need more restroom facilities
- Need gym
- Allow members to rent pool for private parties
- Bathroom at the recreation center to be open at night
- Need a better gym
- Ground security to observe the pool
- Common areas need to be better maintained
- Need basketball court
- I am tutor/trainer we are always looking for places to hold sessions, wish to use recreation center to hold lessons (fees free), this will improve overall literacy
- Lower prices on renting recreation hall
- Consider another recreation center (one for recreation and the other for career development)
- Need more pool space
- Pool should be opened later for adults who work till 6 or 7, pool should remain open till 9 p.m.
- Fix the fountain in front of the recreation center

### Feedback

- Good quality of facilities (3)
- Variety of programs available

## **C. Equipment**

- Allow all residents to use canopy

## **D. Non-members' access to services**

- Members should have priorities to use facilities and programs
- Nonmembers should be allowed only if there is any space available
- Better discounts for members
- Do not mind sharing programs with nonmembers only if additional opening needs to be filled to have the class run.
- Only members should use facilities and parks

## **E. Programs**

### Suggestions

- Bike lessons for youth for security
- Need organized sports programs for kids
- Swim class for elders
- Need more tutors for children

- Provide classes on maintenance and mechanics
- Limited number of adult programs and inconvenient time when available (3)

Feedback

- Childcare programs are excellent and needed; my children did attend the childcare when they were younger

**F. Others**

Suggestions

- ID cards should be free, and association fees should cover that
- Charges for ID should only be one time
- Hold community garage sale
- Need assistance in any problems or violations
- Monitor illegal parking more aggressively

Feedback

- My son check out the Karate class and said they were just playing around and no one was available to talk to or ask questions
- I do not use facilities because my membership ran out
- Wonderful services (2)

## References

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