

UNIVERSITY OF CALIFORNIA RIVERSIDE

Student Referendum Plan

FINAL REPORT

January 2009

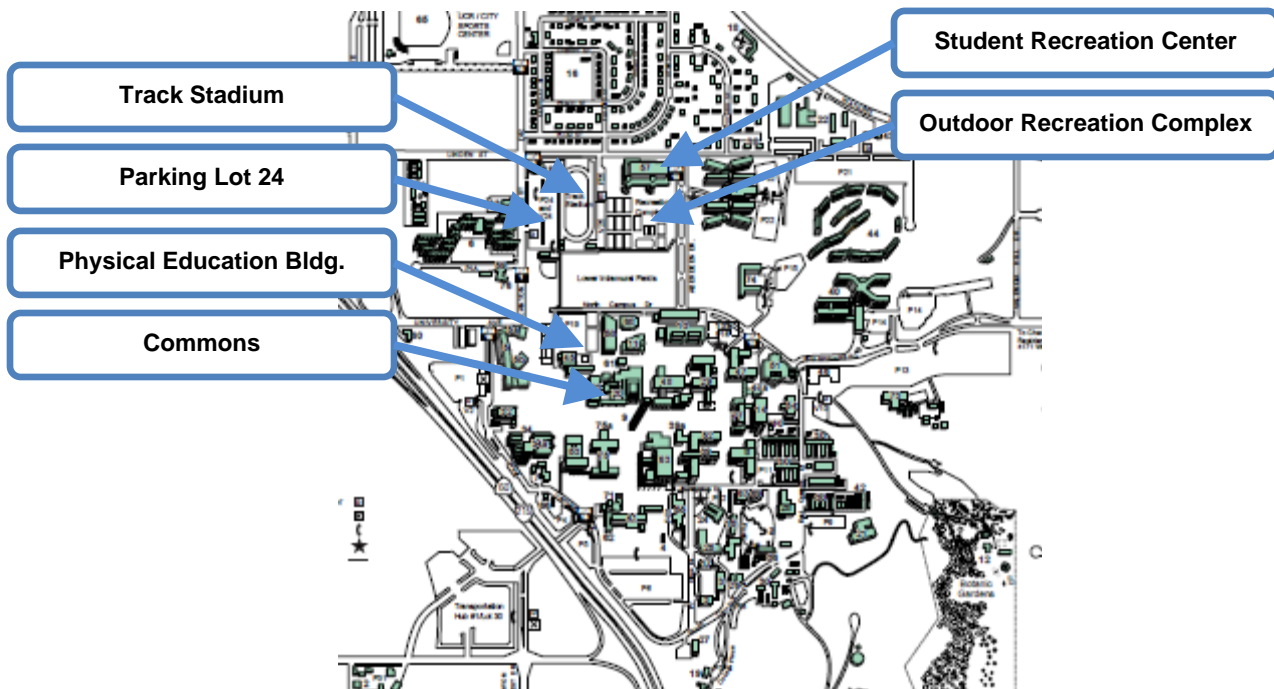


In the fall of 2008, the University of California, Riverside (“UC Riverside”, “UCR”, or the “University”) retained Brailsford & Dunlavey (“B&D”) to perform a Student Referendum Plan (the “Study”) for a possible expansion to the campus Student Recreation Center (“SRC”). As a part of this assessment, B&D conducted focus groups, benchmark analysis, and a student survey to ascertain preferences, develop facility demand projections, and fee support. Throughout the process, B&D coordinated efforts with Jon Harvey, Principal Educational Facilities Planner.

The Student Referendum Plan provides the data necessary for UCR to shape and give direction to SRC improvement projects and the direction any referendum and education campaign may take. This Study does not provide a feasibility study for any improvement as capital budgeting, outline programming, site analyses, and detailed financial analyses were not included within this scope of work. A space program, site analysis, and detailed project program was developed by Cannon Design concurrently with this study. B&D and Cannon worked collaboratively during these interrelated but separate studies.

This report sets forth B&D’s findings and recommendations for the University of California, Riverside’s Student Referendum Plan. The findings contained herein represent the professional opinions of B&D personnel based on assumptions and conditions detailed within this report. B&D has conducted research using both primary and secondary information sources which are deemed to be reliable, but whose accuracy cannot be guaranteed.

Reference Map



PREFACE

Brailsford & Dunlavey would like to thank the following individuals for their participation and insight during the course of this Study:

Capital & Physical Planning

Tim Ralston, Associate Vice Chancellor, Capital Planning
Kieron Brunelle, Director, Capital & Physical Planning
Jonathan Harvey, Principal Educational Facilities Planner

Steering Committee

Lindy Fenex, Director, Recreation Programs
Sol Kim, Recreation Facilities Governing Board
Ozzie Rodriguez, Recreation Facilities Governing Board
Tony Yang, Graduate Student Association
Peter Burke, Academic Senate

Academic Planning and Budget

Eileen O'Connell-Owens, Director, Finance and Capital Budget
Jerry Garcia, Principal Budget Analyst

This Report contains a series of demand projections and square feet calculations. Unless noted otherwise, all square feet notations are net square feet ("nsf") reflecting the total assignable or useable area. Gross square feet ("gsf") is noted where applicable, such as describing total indoor area of facilities including structure, mechanical, and other unassigned spaces. All references to enrollment are headcount figures unless noted otherwise.



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Tab 1

Introduction

In 1994, the University of California, Riverside opened the Student Recreation Center (“SRC”) providing new opportunities for recreational activities on campus in line with other University of California campuses. The design of the 86,140 gross square feet facility was planned for a campus headcount of 11,000 students. Since the SRC opened, the campus headcount has more than doubled from approximately 8,600 (Fall 1994) to 18,000 students (Fall 2008). In addition to the increased campus population, participation rates among all user segments have soared with evolving activity preferences. Accordingly, generally accepted planning standards suggest that the University is facing an acute shortage of recreation space and crowded conditions. The Student Referendum Plan was undertaken to accurately determine the disparity between existing facilities, demand for recreational activities, and support for improvement to SRC facilities. This Study only focuses on the demand for recreational activities and does not address demand from athletic or academic programs utilizing the same activity space. The intent of this Study is to provide the University with the data necessary to determine the support for, and timing of, any information or student referendum process. B&D worked closely with Cannon Design, who was concurrently developing the Detailed Project Program.

Work Plan

B&D’s approach required an active working relationship with University staff and students to develop a detailed understanding of the institution’s mission, relevant stakeholders, customer groups, and strategic project objectives which best serve that mission. The work plan included the task areas:

- a series of **focus groups** were conducted with faculty, staff, and students to gain qualitative information regarding recreation preferences and campus life (Tab 2);
- a **benchmark analysis** of recreation centers at select UC and CSU campuses was conducted to compare existing facilities, current trends, and fee policies (Tab 3);
- an **electronic survey** was administered to current UC Riverside students to identify recreational preferences, quantify demand for activities, and support for proposed improvements (Tab 4); and
- a **demand analysis** was developed to project demand for recreational activities based on data collected during the electronic survey (Tab 5).

Findings

UC Riverside’s existing indoor student recreation facility provides approximately 4.8 gross square feet (“gsf”) per student compared to the generally accepted planning standard of 8.5gsf to 10.5gsf per student. These national averages are based on areas of indoor space within dedicated student recreation centers. Given the University’s desire to help students achieve a balanced and healthy lifestyle while maintaining academic excellence through highly rigorous programs,

EXECUTIVE SUMMARY

UCR's gross square foot ratio should be closer to that of the national average. Correspondingly, survey results indicate that recreational activities that maintain personal health and wellness, provide a high quality of life (88% very important or important), mitigate stress (82% very important or important), and support strong mental health (83% very important or important) are of critical importance to UCR's students. Over two-thirds of students (68%) believe that participating in recreation is important or very important to their academic success.

Students and the University both recognize the impact recreation facilities have on retention and recruitment of students. Students actively engaged in campus related activities are typically more invested in the institution and therefore graduate at higher rates. Properly sized recreation centers with limited overcrowding and easy access to equipment and programs provide students with a healthy avenue of engagement. It is critical to properly size program elements at times when students are available. Nationally, increasing numbers of students are working in addition to carrying full academic loads. Eighty-two percent of UCR students surveyed currently work ten or more hours per week, and over fifteen percent are working at least full-time. The two most important factors influencing when students participate in recreational activities are class and work schedules. Adequately accommodating these specific windows of recreational demand between students' class and work schedules is necessary to establish and support balanced and successful lifestyles.

B&D's demand projection model confirmed that recreational activities are in high demand by the student body. Students placed high priorities on cardiovascular fitness, weight machines, and free weights, indoor walking, group fitness, and lap swimming. Existing spaces are only able to accommodate between 30% and 50% of current demand for high priority activities (table 1.1). Additionally, most of the existing spaces are poorly configured and do not adequately meet program requirements further aggravating activity crowding and student participation. Dedicated weight and fitness space represents the greatest deficit between demand and existing space. While shared facilities such as Physical Education Pool provide minor expanded program opportunities, the priorities driving scheduling limit student access and should be viewed as a temporary solution at best.

Table 1.1: Demand Reconciliation (18,000 Headcount)

	Space Type	Existing Rec Space	Space Allocation Based On Prioritization of Demand			Difference	
Weight and Fitness	Sq. Ft.	6,500	20,800	to	23,600	(14,300)	to (17,100)
Group Fitness	Sq. Ft.	5,000	13,200	to	15,400	(8,200)	to (10,400)
Indoor Walking / Jogging	Sq. Ft.	0	6,100	to	6,900	(6,100)	to (6,900)
Outdoor Walking / Jogging	Lanes	2	4	to	5	(2)	to (3)
Lap Swimming	Lanes	0	18	to	20	(18)	to (20)
Recreational Swimming / Water Aerobics	Sq. Ft.	0	6,000	to	7,100	(6,000)	to (7,100)
Indoor Rock Climbing Wall	Linear Feet	0	24	to	31	(24)	to (31)
Outdoor Tennis	Courts	9	11	to	14	(2)	to (5)
Basketball / Volleyball Courts	Courts	4	6	to	8	(2)	to (4)
Fields (Soccer, Flag Football, Lacrosse, etc.)	Fields	1	1	to	1	0	to 0
Indoor Soccer	Courts	0	1	to	2	(1)	to (2)
Table Tennis	Tables	2	4	to	6	(2)	to (4)
Racquetball / Handball	Courts	4	9	to	12	(5)	to (8)
Outdoor Basketball	Courts	2	2	to	3	0	to (1)

**All square feet measurements noted are net (assignable) square feet.*



Recommendations

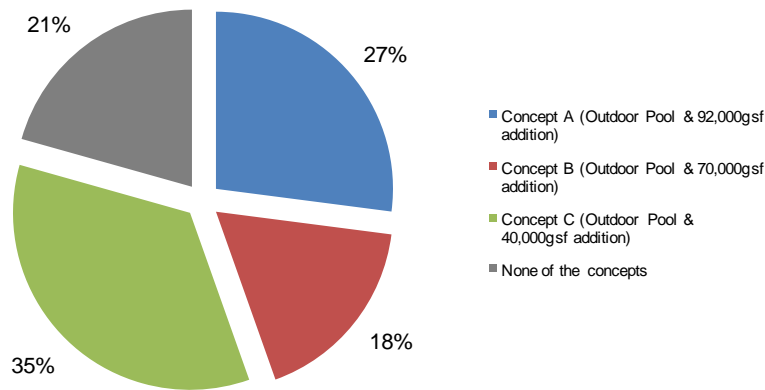
Table 1.2: Option Comparison
Select Components

	Option A	Option B	Option C
Overall Size (gross sf)	92,000	70,000	40,000
Weight & Fitness (net sf)	13,000	12,000	11,000
Group Fitness Studios	3	2	1
Multi-Sport Gyms / Courts	2	1	1
Multi-Activity Courts	1	1	0
Student Fee Per Quarter	\$180 to \$190	\$150 to \$160	\$100 to \$110

Student support for a fee to fund the potential recreation center expansion was one of the most important issues analyzed in B&D’s study. In the survey, students were presented with three options for a possible expansion and improvement to the SRC as well as the associated fee for

each option (table 1.2). Option A represented the largest and most comprehensive expansion of approximately 92,000gsf plus outdoor pool space (\$180 to \$190 per student per semester fee increase), option B represented a more mid-sized expansion of 70,000gsf plus outdoor pool space (\$150 to \$160 per student per semester), and option C represented the most targeted expansion of 40,000gsf plus outdoor pool space (\$100 to \$110 per student per semester). Each of the individual options received slightly more than 50% of students indicating they would be likely to support or very likely to support the option. When asked to select between the three options, option C was the most favored (chart 1.3). B&D recommends that the University pursue option C as the most viable expansion option for students. Additionally, this program option should be slightly modified to increase weight and fitness and group fitness space to meet the high demand present on campus. Any increase in project size should still correspond to the fee level tested on the survey.

Chart 1.3: Preferred Option



Based on the fee support shown in the survey, it is B&D’s recommendation that the student referendum be postponed. Although 53% of respondents are very likely or somewhat likely to support option C, B&D concludes that this support level may not be sufficient to obtain student approval for the expansion in the referendum. Due to the survey’s margin of error and other factors typically impacting referendum outcomes, B&D generally recommends placing an issue on the ballot when a survey demonstrates at least 60% support. Additionally, the requirement

EXECUTIVE SUMMARY

that 20% of the campus population vote to validate a referendum presents challenges. While 53% of students believe that improvements are a high or very high priority for the University, 42% of students believe that the SRC is in excellent or very good condition. Another 32% of students believe the SRC is in satisfactory condition. The overall good condition of the facility may present challenges to educating students that improvements are needed.

Postponing the referendum will allow the University to use the time available to plan, create, and market an educational campaign for the recreational needs of the University. A crucial step in the referendum planning process is the development of project literature, web sites, and other resources student leaders can use to educate the student body on the needs and demands for expanded recreation opportunities at UCR. Major topics that should be discussed with the student body includes the exact fiscal impact due to fees for each student, the expanded opportunity for student employment, the student control of facility funding, and the benefits of new and expanded recreation and fitness opportunities on campus. It is imperative that students and student leaders be involved and direct any educational campaign. It is also important that the University administration and staff is not identified with the project or the successful referendum outcome, but rather students are seen as the leaders and disseminators of information allowing students to make an informed decision on the ballot.

Additional Considerations

As the University and students seek to meet the recreation needs of the UCR student population, they should consider the following factors:

- Efforts to create a partnership with the students by developing potential fundraising opportunities should continue at the University. Fundraising, an attractive prospect for students, would help to reduce the cost of the project and student fees. It would also serve to create a partnership with the University over the project as both parties, students and administration, would be invested in its completion.

- The current economic downturn is on the minds of most students. Strained federal and state budgets may further impact the costs of education and University supported services. With the unknown prospects of tuition increases, enrollment decreases, and hiring freezes within the state of California, students are uncertain about what their future at UCR might entail. This uncertainty represents a challenge to overcome during any informational and referendum campaign.



Tab 2

Objective

The purpose of the focus groups is to engage faculty, staff, and students in dynamic conversation about the recreation center and referendum issues at the University of California, Riverside (“UCR”). Brailsford & Dunlavey (“B&D”) in coordination with the Student Referendum Planning Steering Committee focused on understanding ways in which renovating and expanding the existing Student Recreation Center (“SRC”) can positively affect student life on campus. The focus groups are intended to yield qualitative data for the researchers, while identifying sensitivities and previously unconsidered issues surrounding the current facility and potential new recreation center project at UCR.

Methodology

The Committees organized focus groups to obtain a diverse mix of feedback from a wide range of UCR faculty, staff, and students. Twenty individuals participated in the focus group sessions on October 7, 2008, at the Student Recreation Center’s Multipurpose Room B. Additionally, thirteen random intercept interviews occurred on campus. Intercept interview comments are included within the overall focus group report. For this component of the Study, quality of discussions with participants is valued over the quantity of participants.

A moderator from B&D led the focus group session and guided the conversation to address recreation and referendum issues. The moderator presented a series of open-ended questions and encouraged individuals to discuss tangential issues and engage in dynamic conversation. While the moderator was predisposed to obtaining answers to the questions asked, he or she also paid close attention to participant-generated issues raised during the discussion. Information collected during these interviews was used to guide student survey questions and inform B&D’s recommendations.

Focus Group Composition

Faculty and Staff – 6 participants (1 female and 5 male)
Students – 5 participants (2 female and 3 male)
Students – 2 participants (1 female and 1 male)
Students – 7 participants (3 female and 4 male)

Summary of Findings

Why did you choose to attend UCR? Overall, how would you rate your experience here?

Participants attend UCR for a variety of reasons including its location, prestige, and the availability of housing. UCR’s proximity to Los Angeles and San Diego is perceived as an asset

FOCUS GROUP REPORT

since students travel only a few hours to and from their permanent address. In addition, the availability of quality housing such as Pentland draws students to campus.

Many first-time students feel that excluding the SRC from the orientation tour creates a barrier of entry. Several students admit that because the facility was not included in their tour that they were unaware about what the facility had to offer. One graduate student mentioned that the SRC was included in the orientation ten years ago.

Are you familiar with the recreational sports and facilities offered at UCR? How often do you use them? How well do the facilities meet your needs?

The average student visits the SRC about two to four times a week. Many enjoy the availability of intramurals, club sports, and recreation activities. Basketball, badminton, martial arts, and volleyball are among the most popular sports, while dance classes and “Ab Attack” are the most popular recreational activities. Dance classes are often held outside on the tennis courts to accommodate demand and / or the lack of facility space.

Students believe the SRC is busiest between the hours of 4:30pm to 8:00pm. During that time, it is common to see students standing in line for elliptical machines and weight equipment. Participants feel that the current facility’s size is limiting, as the facility is often overcrowded; for instance, the current number of basketball courts and outdoor fields necessitates some intramural matches to last late into the evening.

One student mentioned that dance classes are often held outdoors due to the lack of multipurpose rooms. The limited number of parking spaces adjacent to the facility also has some students hesitant to participate more often.

Do you have or have you had a membership to an off-campus health club / gym? Why did you join? How much do you pay?

The majority of students do not have memberships to off-campus health clubs because of its high cost of membership. Yet, students are willing to pay for specific recreational activities such as indoor rock climbing. The current overcrowding has many graduate students resorting to memberships off campus.

What fitness / recreational activities are the most important to you?

Most participants enjoy the variety of activities the SRC has to offer and many partake in several recreational sports or classes throughout the academic year. Participants involved with these classes wish to see a greater number of classes at different times of the day.

What is your opinion of the current state of “campus culture” at UCR?



UCR students perceive their campus as a commuter school, a place that lacks dynamic social interaction.

How much of a student fee would you be willing to pay per semester to have a new recreation facility that had all of the features you want?

Students understand the marginal benefit of each additional dollar and some are willing to pay more to obtain a sound product. Participants say that they are willing to pay double the current fee if the additional revenue translates into equal or better quality when compared to its off-campus competitors.

If new or expanded recreation facilities were to be built on campus, what specific activity spaces would you want to have included?

The current SRC square footage lacks adequate space to accommodate participating students comfortably. Students preference is for expanded weight and fitness room, additional cardiovascular machines, additional multipurpose rooms, additional basketball courts, and an expansion of the outdoor excursion program. Additionally, students desire new program elements in the SRC including an outdoor pool, indoor climbing wall, and a Multipurpose Activity Court ("MAC"). Students are indifferent about an indoor jogging track, sauna, and batting cages.

Specific thoughts from students regarding the various activity spaces are summarized below:

Weight and fitness room

- Current size is too small and crowded
- Perceived as men only
- Women feel intimidated and want separate room
- Desire classes on proper equipment usage

Cardiovascular machines

- More cardio fitness machines
- Provide enough space between machines

Multipurpose rooms

- Enough space for stretching area (warm up / cool down area)
- Individual room for martial arts and dance
- 2 to 4 more rooms

Basketball courts

- 3 additional courts
- Seating area for intramural spectators

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Outdoor excursion program

- Facility with enough space to store equipment and rentals
- Allow enough programming space for classes / programs

Outdoor pool

- Lounge area with BBQ grills, cabanas, chairs
- Lap swimming
- Olympic sized pool
- Water exercise classes / swimming lessons
- Ability to rent entire facility for events

Indoor climbing wall

- 30' to 40' climbing wall with bouldering wall
- Students unaware of current operating hours of the existing outdoor challenge course
- Climate affects students willingness to use outdoor facility

MAC

- Facility large enough for both indoor soccer and basketball

Indoor jogging track

- Some students had interest
- Outdoor track is adequate because of the pleasant Southern California climate

Steam room / sauna

- Many people did not see a need for a steam room
- Sauna would be a great complement to a new outdoor pool

Batting cage

- Only a handful of people expressed interest in a batting cage

Beyond these basic recreation facilities, what types of services, programs, and amenities should be provided?

There is a range of services, programs, and amenities desired by students. They are resolute about added parking, increased hours of operations, increased number of classes, and inclusion of a healthy food vender. Participants are indifferent about adding lounge space, towel service, and locker rooms.

Parking

- More spaces adjacent to facility
- Currently seen as a barrier to entry



FOCUS GROUP REPORT

- Lot 24, located immediately west of the Track Stadium, is the farthest students are willing to park

Hours of operations

- Increased hours of operations (open to 2:00am)

Classes

- More dance classes
- Courses on healthy eating
- Weight loss programs
- Athletic training / massage therapy
- Self-defense program
- Inexpensive personal trainers

Dining

- Facility offering healthy food options (smoothies, juices, salads, sandwiches)
- Pro shop option

Lounge space

- Current perception of the SRC is that it is a place just to workout
- Students prefer using the Commons as an area to hangout

Towel Service

- Many students prefer bringing their own towels

Locker rooms

- Students prefer that the locker rooms are available during events
- Renovate to match current usage



Tab 3

Objective

An analysis of select peer institutions was conducted to develop a profile of recreation facilities, programs and services at each school. The objective of the competitive context analysis was to understand UCR's current position among peer institutions in California. It will also try to reveal how these facilities can lead to improvements in the quality of student life, and enhance the University's position in the market place for recruitment and retention of students.

Methodology

B&D employed a variety of market analysis tools to gather the data necessary to complete a detailed analysis of UCR's current and potential position in the market place. Nine schools were selected for this comparative analysis. They represent either those most competitive with UCR in terms of cross applicant overlaps or are schools that have built new facilities. In order to remain consistent with information available to these potential students, B&D utilized the data even when minor inaccuracies were evident when compared to the most recent information from common data sets available on the school's website.

This detailed analysis examined information on tuition and fees, academic reputation, enrollment, admissions, and location. This diversity of information allowed a thorough understanding of the University's current position in the market place.

Summary of Findings

The updated summary of findings from the competitive context analysis may be found in Exhibit A. The following nine institutions were chosen:

- California Polytechnic State University, San Luis Obispo (Cal Poly)
- California State University, Fullerton (CSUF)
- California State University, Long Beach (CSULB)
- California State University, Northridge (CSUN)
- San Diego State University (SDSU)
- University of California, Davis (UCD)
- University of California, Irvine (UCI)
- University of California, San Diego (UCSD)
- University of California, Santa Barbara (UCSB)

The construction of a contemporary Student Recreation Center provides students additional opportunities to remain on campus during various periods of the day. New facilities often help improve or enhance a University's academic reputation by supporting recruitment and retention efforts. These facilities can also help improve the quality of student life on campus.

BENCHMARK ANALYSIS

Overall, UCR's SRC is comparable to the other facilities studied in terms of programming and activities, although the physical space and amenities are below average. UCR offers nine intramural sports, close to the average of twelve. UC Davis offers the greatest number at twenty seven. UCR offers seven sports clubs, less than half the average number of 20 sports clubs. The number of classes offered as well as pricing policy for class related fees are comparable to the average. The SRC is the second smallest facility (or facility with confirmed future expansion) within the analysis, only SDSU's facility is smaller at approximately 73,000gsf. Although the size of the facility is smaller, the total enrollment is the smallest of any institution in the study which accounts for a 4.8gsf per student greater than the average of 4.2gsf per student. The SRC also has the least amount of space dedicated for weight and fitness equipment at approximately 7,000nsf compared to the average of 19,000nsf.

University	Total Enrollment	Rec Center Size (Indoor gsf)	Rec Space per Student (gsf)	Primary Users	Recreation Fee (Academic Year)		
					Original	Expansion	Total
University of California, Riverside (UCR)	18,079	86,000	4.8	Rec, Athletics	\$177	N/A	\$177
Peer Universities							
1 California Polytechnic State University, San Luis Obispo (Cal Poly)	19,471	170,000	8.7	Recreation	\$270	\$195	\$465
2 California State University, Fullerton (CSUF)	36,996	95,000	2.6	Recreation	\$100	N/A	\$100
3 California State University, Long Beach (CSULB)	37,890	120,000	3.2	Recreation	\$220	N/A	\$220
4 California State University, Northridge (CSUN)	36,208	100,000	2.8	Recreation	\$260	N/A	\$260
5 San Diego State University (SDSU)	34,889	73,000	2.1	Recreation	\$146	\$130	\$276
6 University of California, Davis (UCD)	31,426	105,000	3.3	Recreation	\$204	N/A	\$204
7 University of California, Irvine (UCI)	27,631	119,000	4.3	Recreation	\$210	Not Needed	\$210
8 University of California, San Diego (UCSD)	28,200	188,000	6.7	Rec, Athletics	\$117	N/A	\$117
9 University of California, Santa Barbara (UCSB)	21,868	100,000	4.6	Recreation	\$134	\$104	\$238
Average	30,509	119,000	4.2		\$185	\$143	\$232

Information was collected on the operations of recreation programs at several peer institutions. The data represents either actual revenues and expenses or planned budgets for future facilities. Overall, UCR is below the average for the various categories analyzed. Several of these institutions have recent facilities and therefore have higher student fees than UCR which accounts for higher revenue streams. Both SDSU and UCI collect significantly more speculative revenue (non-student memberships, programs, rentals, etc.) than UCR.

University	Annual Revenue			Annual Expenses				Number of Staff	
	Student Fee	Speculative Revenue	Total	Full-Time Personnel	Part-Time Personnel	Non-Personnel ²	Total	Full-Time	Part-Time (Approx.)
University of California, Riverside (UCR)	\$3,434,000	\$436,000	\$3,870,000	NP	NP	NP	\$3,812,000	16	250
Peer Universities									
1 California Polytechnic State University, San Luis Obispo (Cal Poly) ³	\$3,776,000	\$8,000	\$3,784,000	\$213,000	\$392,000	\$5,867,000	\$6,472,000	4	125
2 California State University, Fullerton (CSUF)	NP	NP	NP	NP	NP	NP	NP	NP	NP
3 California State University, Long Beach (CSULB) ⁴	\$7,216,000	\$312,000	\$7,528,000	\$811,000	\$461,000	\$5,393,000	\$6,665,000	12	250
4 California State University, Northridge (CSUN) ⁴	\$9,057,000	\$202,000	\$9,259,000	\$1,227,000	\$1,393,000	\$3,456,000	\$6,076,000	15	300
5 San Diego State University (SDSU)	\$1,788,000	\$1,300,000	\$3,088,000	\$517,000	\$730,000	\$1,820,000	\$3,067,000	18	NP
6 University of California, Davis (UCD)	NP	NP	NP	NP	NP	NP	NP	NP	NP
7 University of California, Irvine (UCI)	\$5,998,000	\$1,491,000	\$7,489,000	\$975,000	\$868,000	\$4,012,000	\$5,855,000	28	640
8 University of California, San Diego (UCSD)	NP	NP	NP	NP	NP	NP	NP	NP	NP
9 University of California, Santa Barbara (UCSB)	NP	NP	NP	NP	NP	NP	NP	NP	NP
Average	\$5,567,000	\$663,000	\$6,230,000	\$749,000	\$769,000	\$4,110,000	\$5,627,000	15	329



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BENCHMARK ANALYSIS

CALIFORNIA POLYTECHNIC STATE UNIVERSITY,
SAN LUIS OBISPO



Project Drivers

With increasing student complaints about overcrowded and dated facilities, Cal Poly started to work on an ASI Facility Master Plan in early 2003. During the planning, the University looked at improvements to its existing University Union, the UU Plaza, the Student Recreation Center, and child care facility. The recommendations included the following:

- Coordinate with campus' move to the north as over 2,000 beds will be built on that side of campus
- Reinvigorate the campus core including the union
- Update existing facilities

In the spring of 2005, Cal Poly initiated a referendum to support a \$100 million bundled project which would include a student union renovation / expansion, a recreation center expansion, a new student life building and an outdoor sports complex. With 37% of students voting in favor of the project, the referendum failed. The project would have been funded by a phased-in fee of \$21 per quarter to \$175 per quarter.

Cal Poly revisited the recreation center proposal in spring 2007 with the initiation of a student referendum to support the recreation center only. The referendum passed with 75% of student voters authorizing a fee increase of \$65 per quarter to be implemented upon construction completion. Construction is scheduled to occur from September 2009 to August 2011.

Campus Profile

Cal Poly SLO

Total Enrollment: 19,777

Recreation Center Fee:

\$90 / quarter (original)
\$65 / quarter (increase upon expansion)



Current Facilities

Cal Poly's \$20 million Student Recreation Center opened in June 1993 and was the first facility of its type in the CSU system to be built for the general recreation needs of the student body. Including its swimming pool component the facility's size is 90,000 square feet—which includes the following inventory of spaces:

- 4 basketball courts (also a 3,400 seat venue)
- 2 cardiovascular equipment rooms
- 2 free / machine weight rooms
- Non-activity spaces include:
 - 11 administrative offices
 - 26 faculty offices
 - 1 pro shop
 - 2 locker rooms
- 9 racquetball / handball courts
- 1 outdoor swimming pool (19-lane 50m by 25 yards)
- 3 indoor volleyball courts; 2 outdoor sand courts
- Combative / martial arts room
- Dance room

Plans for Expansion

Cal Poly plans to double its total square footage of usable space for programmed activities and open recreation. The facility is in the process of being designed by Cannon Design. The general contractor is Sundt. The expansion is set to include:



- Tripled exercise space
- Indoor jogging track
- Two-court gymnasium
- Wellness center
- Six racquetball courts rebuilt with squash and wallyball configurations.
- Leisure pool and deck
- Multi-activity center for indoor soccer, floor hockey and concerts with state-of-the-art sound system
- Renovated locker rooms
- Energy efficient air conditioning

BENCHMARK ANALYSIS

CALIFORNIA STATE UNIVERSITY, FULLERTON



Project Drivers

Enrollment Growth

From 1995 to 2005, enrollment grew at CSU Fullerton from 22,604 to 32,744 students. Annual enrollment growth of 4% prompted the need for additional recreation space to be provided on campus.

Campus Profile
CSUF
Total Enrollment: 37,130
Recreation Center Fee: \$20 / semester (initially) \$50 / semester (opening)

Lack of Student-Dedicated Recreation Space

Current recreation space had been available at various times throughout the week but did not provide enough space to meet the needs of the student body. With 55 hours per week of drop-in recreation availability in the existing gym, CSUF was well below the average of 112 hours per week offered by its institutional peers.

Plans for Expansion

The Associated Students held focus groups, open forums, and a detailed survey in 1999 to gauge CSUF student’s opinions about a new recreational facility. As part of the process, the AS held its first ever “Student Empowerment Workshop” entitled “Shaping Up our AS Rec Sports Program.” In 2000, 69% of voting students approved a referendum, which resulted in an increase in their fees of \$20 per semester. The referendum also approved a further increase of the recreational fee to \$50 per semester upon the completion of the facility.



CSUF’s project planning committee developed a list of seven planning principles to facilitate its discussions and to provide the most appropriate facility for the campus as possible.

- *Use of open design techniques* – All activities taking place should be obvious from any point in the facility.
- *Plan for a large weight training/cardio fitness area* – Planning committee’s research found that recently built recreation centers did not allocate adequate space for their weight & fitness component.



BENCHMARK ANALYSIS

- *Design with flexibility in mind* – Adaptive design measures should be incorporated whenever possible to allow for evolving campus needs and continuing improvements in technology.
- *Use good stuff* – Sacrifice of a higher upfront cost will be made in order to reap the benefits of higher quality materials and equipment.
- *Locker rooms shouldn't be big, but they should be high caliber* – Sauna features will be a consideration.
- *Include gathering places* – Student interactions should occur in gathering places not necessarily associated with workout activities.
- *Incorporate clean, natural lighting, and natural design elements* – Natural lighting and materials (unpainted cinderblock, stone, earth-tone tiles, etc.) were highlighted as important features of the facility's design.



On July of 2006, the University broke ground on the new \$40 million Student Recreation Center. The facility was designed by Langdon Wilson Architecture and construction management was provided by CW Driver. In May 2007, the Center was awarded “Best Overall Sustainable Design” as part of the 2007 Best Practice Awards for the University of California / California State University Energy Efficiency Partnership Program. The Student Recreation Wellness Center opened in spring 2008, and has since experienced high visitation. The current semester averages 2,300 people per day.

At approximately 95,000 square feet, the facility features the following:

- 17,000 square feet dedicated to cardio and strength training equipment
- Three-court gymnasium
- Multi-purpose activity spaces
- Two racquetball courts
- Multimedia cardio theater
- Elevated jogging track
- Rock climbing wall with boulder
- Outdoor leisure and lap swimming pool
- Martial arts studio
- Dance studio
- Spin room
- Locker rooms
- Administrative office

BENCHMARK ANALYSIS

CALIFORNIA STATE UNIVERSITY, LONG BEACH

Project Drivers

By 2004, California State University, Long Beach recognized that it was one of very few CSU schools without a dedicated recreation center. CSULB had significant deficiencies in indoor and outdoor recreation space on its campus.

Campus Profile

CSULB

Total Enrollment: 36,868

Recreation Center Fee:
\$110 / semester
(\$83 / summer)

Plans for Expansion

And in spring of 2007, with 75% support, the students overwhelmingly passed a referendum in favor of a new Recreation Wellness Center. The total estimated cost of construction is \$65 million, approximately \$4 million under budget due to changes in the current market. Unlike most schools within the California State University System, CSULB has committed to financing the initial cost of the center. The facility will be funded by a fee of \$110 per semester upon opening.

Project challenges have included budget control, as well as arranging the facility on a particularly narrow site. Designed by Cannon Design, the 120,000 square foot facility will feature:

- Large fitness equipment area
- Five basketball courts
- Two racquetball courts
- Three multipurpose fitness rooms
- Indoor jogging track
- Rock climbing wall
- Juice bar and lounge
- Outdoor leisure pool

Construction is scheduled to occur December of 2008 to summer of 2010.



CALIFORNIA STATE UNIVERSITY, NORTHRIDGE

Project Drivers

Facing an escalating challenge to meet the student life needs of its growing enrollment, California State University, Northridge initiated a referendum in the spring of 2000 for a \$15 million student union expansion. At a semester fee of \$35 upon facility opening, the referendum was approved with 78% success. Over the next several years, CSUN began turning its attention to the campus' increasingly inadequate recreation facilities.

Campus Profile

CSUN

Total Enrollment: 35,446

Recreation Center Fee:
\$25 - \$130 / semester
((\$15 - \$78 / summer)

Plans for Expansion

In spring of 2007, the university initiated another referendum—this time for support of a \$65 million recreation center. With a phased fee of \$25 to \$130 per semester, 57% of student voters approved the referendum. Student fees gathered during the first four years of collection will be used to fund project design, while fifth year fees will assist in paying for the costs of construction and ongoing operation of the facility, program and the field complex. Thereafter, the recreation center fee will be increased \$3 per semester to address inflationary concerns.

The 100,000 square foot recreation center is currently being designed by the California-based architectural firm, LPA, Inc. Managed by CW Driver, construction is slated to occur from summer of 2009 to summer of 2011. The orientation of the building will provide views of the local mountains from the building. Several sustainability initiatives will be incorporated through an integrated design approach that utilizes Building Information Modeling (BIM) to attain the most efficient architectural, structural, and HVAC systems. Facility amenities are to include:

- Cardio fitness and weight training rooms
- Three basketball courts
- Multi-activity court for indoor soccer and floor hockey
- Indoor running track
- Outdoor pool complex
- Rock climbing wall
- Multipurpose fitness studios
- Racquetball court
- Boxing studio
- Outdoor field complex
- Locker rooms
- Social lounge
- Administrative offices
- Outdoor rentals / resource center



BENCHMARK ANALYSIS

SAN DIEGO STATE UNIVERSITY



Project Drivers

Perennially, one of the two largest enrollments in the CSU system, San Diego State University's recreation facility's offerings were not adequate for the size of its population. All SDSU students, with the exception of those who take courses exclusively at the Imperial Valley campus, pay a semester fee of \$71 to support the Aztec Center (the campus' student union), Cox Arena, the Aztec Recreation Center, Mission Bay Aquatic Center, and the SDSU Children's Center. More specifically, this Student Body Center fee is allocated to fund at least a portion of the following:

Campus Profile
SDSU
Total Headcount: 34,889
Recreation Center Fee: \$71 / semester

- Student access, cost of annual debt payments, and operations of services and facilities for (i) Aztec Center; (ii) Mission Bay Aquatic Center; and (iii) Scripps Cottage
- Debt payments and annual operating expenses at the Cox Arena
- Debt payments for the Aztec Recreation Center
- Operations of services and facilities for the SDSU Children's Center

This fee is the result of a student referendum that was approved in 1990 after two previous referenda had failed. Taking three attempts to attain student approval through the referendum process was only the beginning of SDSU administrators' plight to get these facilities built. It would be another seven years before the ARC and Cox Arena opened as a result of a strenuous town-gown relationship, which included several bouts of litigation. The facility includes several gyms, dedicated weight and fitness zones, multipurpose rooms, and a thirty-foot high climbing wall.



Current Facilities

Membership to the 73,000 square foot Aztec Recreation Center is available on a month-to-month basis. The average fee per month varies depending on the length of the member's contract. SDSU students signing a 12-month contract will pay \$204 over the course of the year, which is equivalent to \$17 per month. Comparatively, a one-month contract is offered to students for \$36 per month; a nine-month membership totals \$159 or about \$18 per month. SDSU operates the only student recreation center that is open 24 hours per day nationwide.



Plans for Expansion

A referendum vote was held in spring 2004 seeking “input regarding a proposed increase” in the Student Body Center fee of \$16 per semester in order to construct and operate a new campus swimming pool facility. An approval of the referendum would have raised the fee to \$87 per semester. The student center fee charged during the summer term would have increased from \$4.58 to \$5.58 per unit, which would increase the maximum summer fee level—charged to students enrolling in 12 or more credit hours—from \$53.38 to \$65.38.



At SDSU, the Campus Fee Advisory Committee prepared a voter pamphlet that served as a public notice regarding the proposed fee increase. The seven-page pamphlet was published two months prior to the referendum date and included the following components:

- Dates of referendum
- Poll sites and locations
- Actual ballot text
- Description of current student fee provisions and what proposed fee would support
- Summary of Ballot Issues (Table A)
- Financial Analysis
- Statements, both in favor and against, an increase in the student body center fee
- Rebuttal statements to each viewpoint

BENCHMARK ANALYSIS

Table A - Ballot Summary

What a "Yes" Vote Means	What a "No" Vote Means
<ul style="list-style-type: none"> - Fee Increase - Construction of new pool facility - Enhanced fitness opportunities - Addition to program menu - Large deck for social gatherings - Commercial-free sound system - Adaptable layout will allow facility layout to evolve in step with user preferences - Capacity to seat at least 1,000 spectators (minimum standard necessary to host regional and national tournaments) - Students will be priority among the "broadest base of potential users" to be accommodated; and will be the "primary user group." 	<ul style="list-style-type: none"> - No Fee Increase - SDSU will continue to be unable to offer aquatics courses or research programs on campus - Cost of swim team holding its practices and events of campus will not diminish - Recreation programs for sports clubs, intramurals, fitness, and informal recreation will remain without an aquatics component - "SDSU will continue to have the unfortunate distinction of being the largest and only school in the west without a university swimming pool facility."

Due in large part to the well-run and thorough referendum process, students voted to approve the increase in their student fees in order to fund the new swimming pool facility. Almost two-thirds of voters (64%) approved the fee increase.

The \$12 million "Aquaplex", as it is called, opened in the spring of 2007. The complex was designed by Aquatic Design Group, while PCL was retained as design-build contractor. The site occupies 125,000 square feet and hosts three pools: a 50 meter Olympic pool; a 7,500 square foot zero-depth entry recreational pool; and a 20-person hydrotherapy spa. An 8,000 square foot solar water heating panel acts as a shade structure to offset energy costs. A 4,500 square foot building contains locker rooms, administrative offices, member services, and storage facilities. Mechanical equipment is housed in a 2,100 square foot machine room.



UNIVERSITY OF CALIFORNIA, DAVIS



Project Drivers

By the late 1990s, University of California, Davis students were expressing growing disapproval of the lack of a student-dedicated recreation center on their campus. A potential aid in university recruitment and retention, administrators felt also that UCD should seriously consider its options for opening a recreation facility. In spring of 1999, students voted to approve the Facilities and Campus Enhancement (FACE) proposal referendum. This multi-facility referendum increased student fees by \$126 per quarter in order to fund three new facilities: the Activities and Recreation Center (ARC), the Schaal Aquatic Center (managed by UCD Athletics) and a Multi-Use Stadium. The spirit squad's enthusiasm for the project was instrumental in the referendum's approval.

Campus Profile

UCD

Total Headcount: 30,685

Recreation Center Fee:
\$68 / Quarter

Current Facilities

Designed by Cannon Design and built by McCarthy Building Construction, the \$46.5 million ARC opened in spring of 2004. The "fusion" building combines active recreation and student center functions. The facility is connected by bridge to an existing 7,500 seat multi-use building. Recreation-specific amenities of the 150,000 square foot ARC include:

- 12,000 square foot fitness center
- Four-court gym
- One-court gym
- Multi-activity court for indoor soccer and hockey
- Elevated jogging track
- Rock climbing wall
- Eight racquetball / squash courts
- Multi-purpose fitness rooms
- Juice bar
- Pro shop
- Locker rooms
- Lounges



BENCHMARK ANALYSIS

The FACE fee passed in 1999 supports the cost and operation of the building. Of the \$126 quarterly fee, \$68 is allocated to the ARC.

The faculty / staff fee of \$360 is double what it had been. The increase is a result of the new facility and its accompanying equipment, the extended hours of operation and the additional fitness classes that are scheduled throughout the week. The UCD executive director of Campus Unions and Campus Recreation expected income from the employee user fees, facility rentals and food and pro shop sales to generate \$500,000 annually.

The ARC was awarded with the 2004 "Best of California" Award by McGraw-Hill Construction.



UNIVERSITY OF CALIFORNIA, IRVINE



Project Drivers

Responding to strong student demand for intramural and recreation space, the University of California, Irvine initiated a student fee referendum in spring 1996 to fund a \$26 million recreation center. At \$70 per quarter, the fee referendum was overwhelmingly approved, with over 89% of its 16,000 students voting. Subsequently, a phased master plan was developed for campus recreation facilities.

Campus Profile

UCI

Total Headcount: 24,745

Recreation Center Fee:
\$70 / Quarter

Current Facilities

Designed by Cannon Design, the initial component of development was the construction of a 93,000 square foot Anteater Recreation Center (ARC). By the time the facility opened in January 2000, student enrollment had grown to 20,000. The second component turned 23 acres of open land adjacent to the ARC into playing fields and outdoor courts in 2001. Approximately 400,000 entries were recorded during the ARC's first year of operation. During peak hours, the building became extremely overcrowded, necessitating the installment of extra fitness equipment in hallways and lobbies. With enrollment numbers reaching 25,000 in fall of 2004, expansion of UCI's recreation facilities was imminent.



UCI proceeded to construct a 26,000 square foot expansion on the ARC. Under the supervision of Langdon Wilson and RJC Architects, Soltek Pacific Construction built the \$16.4 million LEED-certified facility which opened in the summer of 2008. The expansion was funded from approximately \$8.3 million in ARC reserves and \$8.1 million in external financing.

BENCHMARK ANALYSIS

Initial ARC components:

- 19,000 SF gymnasium
- 7,000 SF gymnasium
- 10,000 SF weight and cardio room
- Elevated jogging track
- Three racquetball courts
- Rock climbing wall
- Snack bar
- Outdoor roller hockey rink
- Wellness center
- Outdoor adventure program
- Childcare
- Outdoor heated 8-lane pool with attached wading area
- Demonstration kitchen and classroom



ARC expansion components:

- 10,000 SF of weight training and fitness space
- 6,700 SF of multipurpose activity space
- 1,000 SF wellness center
- 2,300 SF of storage and support space

The ARC expansion project was recently named “Best of 2008” by *California Construction* magazine.



UNIVERSITY OF CALIFORNIA, SAN DIEGO



Project Drivers

In the spring of 2001, UCSD initiated a student life fee referendum to fund a bundled \$100 million project which would include a student union renovation / expansion and a recreation center renovation / expansion as well as support for athletic programs. With 44% student approval, the \$71 per quarter fee referendum did not pass.

UCSD revisited the opportunity for a student union expansion in spring of 2003. A quarterly \$39 fee was approved by 54% of student voters in a referendum to support the \$44 million project.

Current Facilities



Campus Profile

UCSD

Total Headcount: 27,682

**Recreation Center Fee:
\$39 / Quarter**

Components of UCSD's current recreation facilities include:

- 17,000 GSF weight and fitness area
- 3,000 SF natatorium with six-lane pool and twelve-person hot tub spa
- Two heated outdoor lap / dive Olympic-sized pools with bleacher seating for 1,000 spectators
- Five basketball courts
- Climbing wall
- Spin room
- Squash court
- Racquetball courts
- Three multi-purpose rooms
- Boxing room
- Gymnastics facility
- Wellness center
- Massage therapy

BENCHMARK ANALYSIS

UNIVERSITY OF CALIFORNIA, SANTA BARBARA



Project Drivers

The UCSB Recreation Center is overseen by the student-run Rec Cen Governance Board. The board sets policies and approves use of the facility while ensuring that the Rec Cen's "initial promise of always allowing for drop in recreation use" is not compromised.

Campus Profile

UCSB

Total Headcount: 21,410

Recreation Center Fee:
\$79.20 / Quarter

The original recreation center opened in 1995 and included the following amenities:

- 2 swimming pools
- 2 weight rooms
- 2 squash courts
- 5 racquetball courts

A referendum, passed in 2000, approved an expansion of the current facility. Dubbed "Rec Cen II", the expansion opened in spring of 2005 to include a rock climbing wall, jacuzzi, pottery studio, classroom, additional locker facilities, and multi-purpose room.



Funding for the recreation center was supported by allocation from a combination of three quarterly student fees: a Recreation Center/Aquatics Complex fee of \$24.68, a RecCen Expansion fee of \$34.50 and a recreational sports fee of \$7.

Current Facilities

The Recreation Center and Aquatics Complex is 100,000 square feet and includes the following program elements:

- 12 badminton courts
- 4 basketball courts
- 1 multipurpose court
- 1 cardiovascular equipment room
- classrooms
- equipment issue area
- 2 free weight rooms
- 1 hot tub/ jacuzzi
- 2 machine weight rooms
- 2 multi-purpose activity areas
- 5 racquetball / handball / wallyball courts
- 2 squash courts
- 1 student staff / lounge area
- 2 swimming pools
- 6 volleyball courts



Plans for Expansion

The Department of Physical Activities and Recreation has access to several UCSB facilities including:

- The Events Center
- Robertson Gymnasium
- The RecCen
- Tennis Courts
- Storke Field
- Robertson Field
- The Lacrosse Pit
- Campus Pool
- Harder Stadium
- RecCenII

The RecCenIII expansion is funded by a portion of the annual recreation fee paid by all UCSB students (Chart B). The total annual fee is \$237.60, which excludes the recreational sports fee because the \$7.00 per quarter recreational sports fee funds programs rather than facilities.

Chart B - Fee Summary

UCSB Recreation Fees	Fall 2004	Winter 2005	Spring 2005	Total
RecCen Expansion Fee	\$34.50	\$34.50	\$34.50	\$103.50
Recreational Sports Fee	\$7.00	\$7.00	\$7.00	\$21.00
Recreation Center/Aquatics	\$24.68	\$24.68	\$24.68	\$74.04
Complex/UCen Expansion Fee	\$20.02	\$20.02	\$20.02	\$60.06





Tab 4

Objectives

B&D developed an electronic survey to quantitatively test the demand for a variety of recreational spaces that could be provided at UC Riverside. The survey was designed to identify, in a statistically reliable manner, existing and projected usage patterns, and sensitivity to specific facility and service improvements. Data collected through the survey also forms the basis for B&D's recommendations for the types and amount of space needed, as described in Section 5 (Demand Analysis).

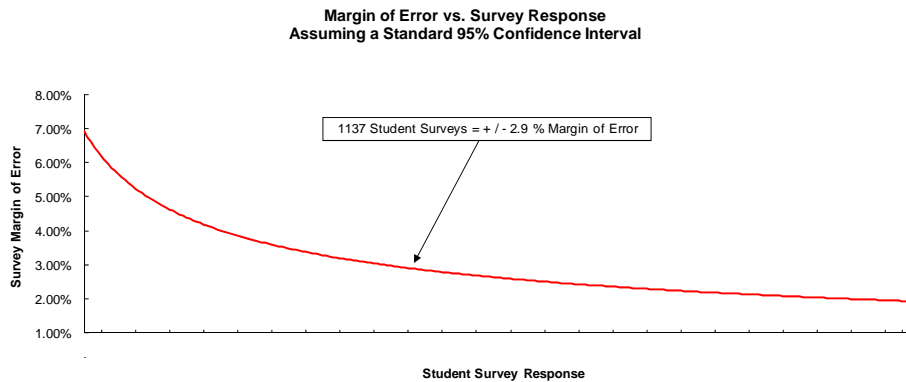
Methodology

Survey questions were designed to assess current usage patterns, activity preferences, and demographic profiles. Options were structured to maximize informational utility for projecting desirable facility characteristics and square footage requirements by type of space. Data collected could also be sorted by various demographic characteristics to identify differences in opinions among sub-populations.

All active Fall 2008 students were asked to participate in the online survey via an email invitation from the Vice Chancellor's and Student Government Offices. These 18,362 students were able to participate in the survey from November 5th through November 13th, 2008. Graduate and undergraduate students initiated 1,681 surveys, and in total, 1,137 completed surveys were collected. A copy of the student survey instrument with response frequencies, and demographic comparison table can be found in Exhibit B.

Survey Demographics

In total, 9.1% of the student population participated in the electronic survey, of which 67.6% completed the survey. Assuming a campus population of 18,362 (headcount based on contact information provided by UCR), the 1,137 complete responses established a +/- 2.9% margin of error at a 95% confidence level.

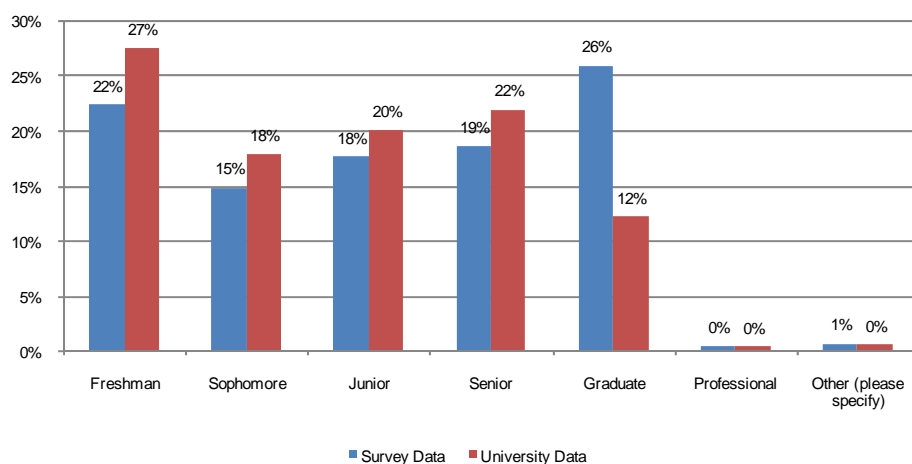


SURVEY ANALYSIS

The survey sample demographics are consistent with the overall university student demographics. Yet, due to the timing of the survey (middle of the fall semester), demographics from the 2007-2008 academic years was the control data, creating a slight skew in the survey sample variance. Demographic data was available for 17,815 students, slightly less than the number of emails provided due to either incomplete information or FERPA restrictions. The lag of the control data is exemplified in students' age, where the 18 to 19 year old population represented 35% of the survey population, while the university statistic states that it represents only 18% of the student population.

Female students slightly over represent the sample. In addition, graduate students over represent the demographic by fourteen percentage points, creating bias in the undergraduate student class standing.

Q232. What is your class standing?
(All Respondents, n=1122)



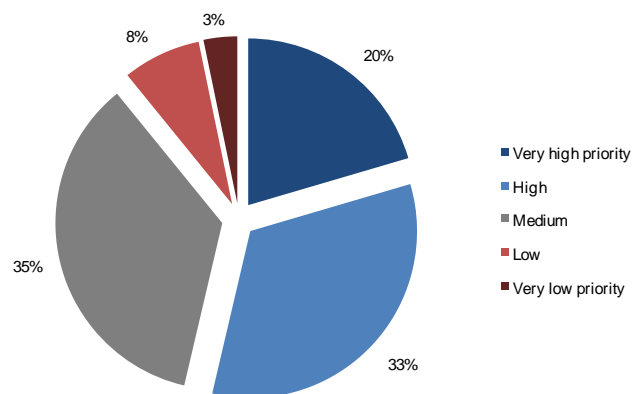
Summary of Findings

Student Preference

Students and the University recognize the importance of recreational opportunities in supporting quality of life, stress mitigation, mental health, and academic success. As a result, over 53% of students believe that improvements to recreation should be a high or very high priority for the University and only 11% believe that a fitness facility is a low or very low priority.

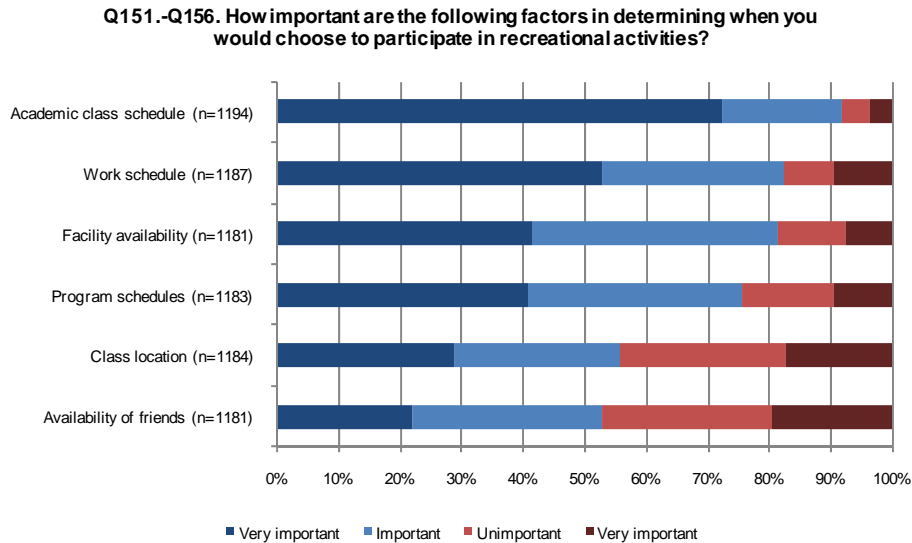
The primary factor that determines student participation with recreation is their academic class

Q200. How high of a priority do you feel new recreational sports and fitness facilities should be for UC Riverside?
(All Respondents, n=1105)



SURVEY ANALYSIS

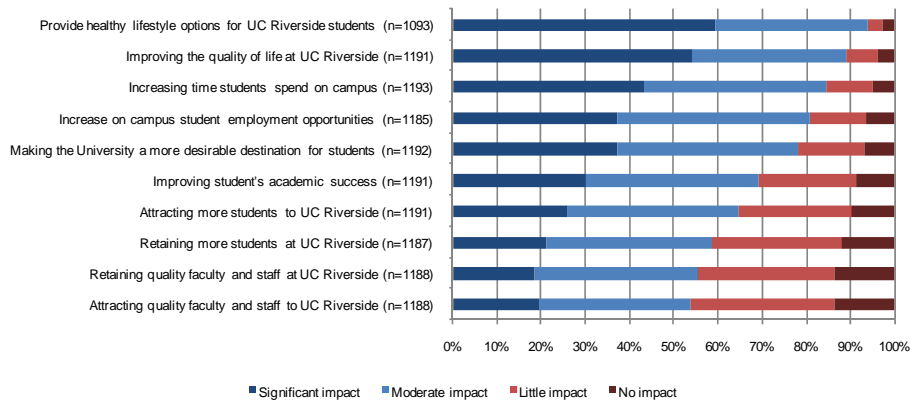
schedule (92%), followed by work schedule (82%) and facility availability (81%). These findings are congruent with the determining factors of UCR students' marginal increase in facility usage: 85% will use the facility more if facilities and equipment were always available; 82% if wider variety of facility and equipment were available; 79% if more wellness programs were available; 77% if more instructional classes were available; and 75% if facilities were better quality. Ninety-four percent of students believe that improvements to the recreation center will have a positive effect in providing healthy lifestyle options and 89% believe that it will improve the quality of life at UCR.



As UCR considers improvements to its recreation facilities, the University should consider students' top factors for any enhancement project. For students, it is important that improvements should focus on providing healthy lifestyle options (94%), opportunities to reduce stress (93%), reduction of overcrowding in recreation facility (92%), affordable tuition and fees (91%), and enhancing the campus community (89%).

SURVEY ANALYSIS

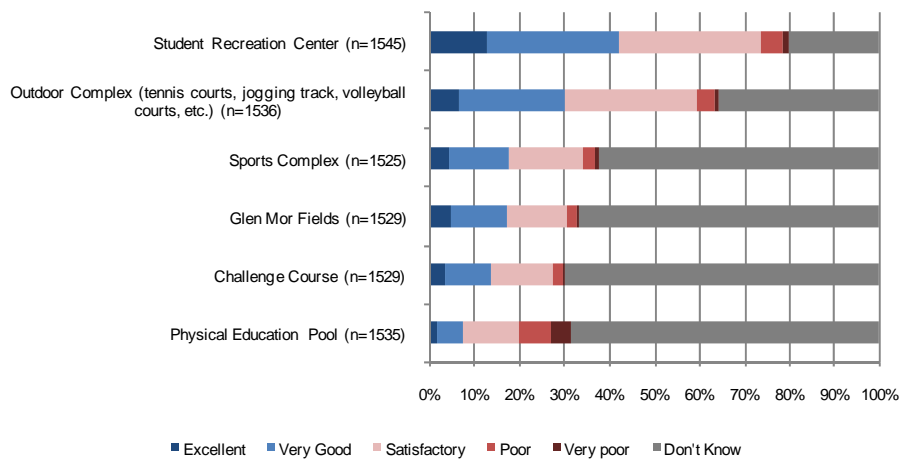
Q157.-Q165. To what extent do you feel improvements to recreational sports facilities would have an impact on the following?



Although students show great interest in fitness and recreation, only 40% of respondents indicate that they partake in recreational / fitness activities. The top five reasons students do not participate are “I do not have time to exercise” (30%); “the UCR recreation facility is too crowded” (18%), “I cannot find parking near the facility” (17%), “I am not aware of the recreational programs or services offered” (16%), and “I do not feel comfortable working out in the existing facilities” (10%).

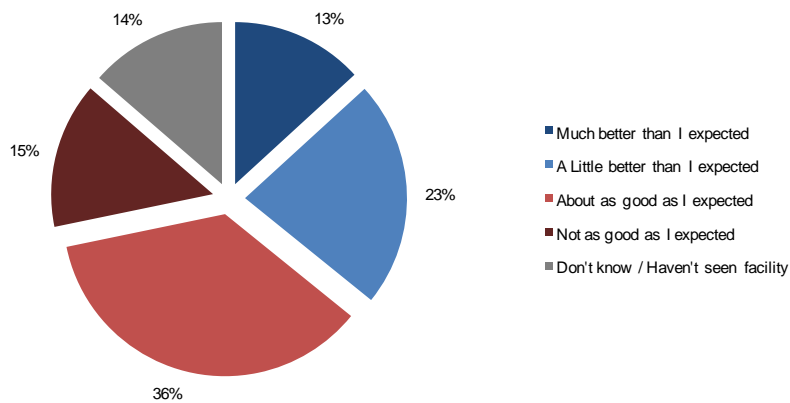
The majority of students are unfamiliar with the range of recreational opportunities available on the UCR campus. The SRC is the most recognized facility. Fifty three percent of those familiar with the facility believe it is in excellent or very good condition. Students are significantly less familiar with the Outdoor Complex, Sports Complex, Glen Mor Fields, Challenge Course, and Physical Education Pool. The Physical Education Pool received the largest negative response with 36% of students believe the facility to be of poor or very poor quality.

Q54.-Q60. The quality of each of the following recreation facilities is: (Please SELECT ONE per aspect)



In terms of all recreation facilities, only 36% believe that it is a little better or much better than expected. In addition, comparing other facilities participants are familiar with, 19% agree that UCR’s facility either excellent or very good, 29% agree that it is satisfactory, 13% agree that it is poor or very poor, and 36% do not know. Overall, respondents are satisfied or very satisfied with their ability to find their way inside the SRC (70%), convenience of hours (68%), and condition / appearance of building (67%). However, respondents are unsatisfied or very unsatisfied with the availability of parking (55%), cost of services (23%), and convenience of walking paths to the SRC (15%).

Q75. Overall, how well have the recreation facilities met your expectations at UC Riverside?
(All Respondents, n=1544)



Off-campus Market

Nearly two-thirds of survey respondents live off campus, with average commutes times ranging from 10 minutes to 25 minutes from campus. There are numerous fitness facilities within a 25-minute drive time radius of UCR’s campus; the most popular facilities students frequent are 24-hour Fitness, LA Fitness, and Bally’s Total Fitness, who represent 41%, 23%, and 15% of responses, respectively. According to their respective websites, 24-hour Fitness, LA Fitness, and Bally’s Total Fitness have 14, 8, and 4 locations near UCR, respectively.

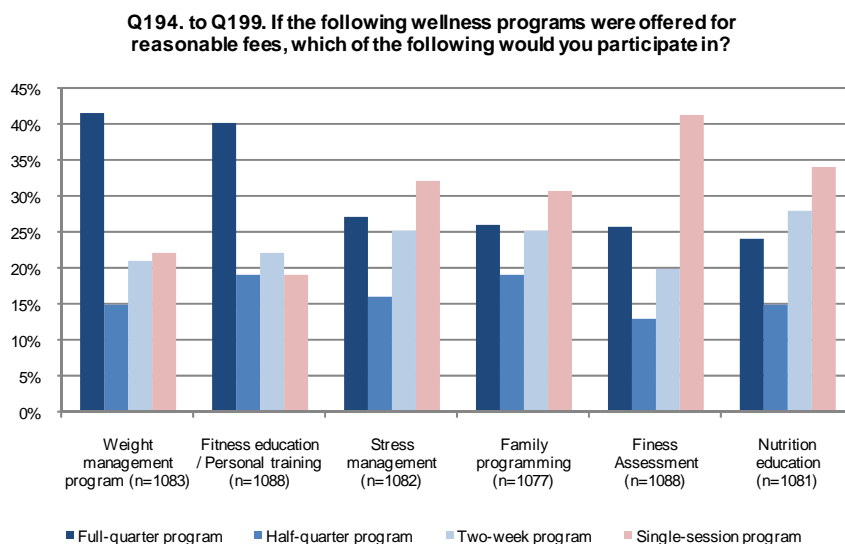
Among those who hold off-campus memberships, the average monthly rate is \$29 per month, which is consistent what was heard in focus groups.

SURVEY ANALYSIS

Wellness Programs

Wellness is an important aspect of student life at UCR. Earlier data supports this notion, as 94% of respondents believe providing healthy lifestyle options for UCR students will have a significant or moderate impact in their lives. Fifty-two percent of respondents say that they are very interested or somewhat interested in paying a nominal fee for recreation related services: 65% are interested in healthy cooking classes, 62% are interested in massage services, 61% are interested in fitness assessments, 59% are interested in nutrition instruction / education, and 58% are interested in sports medicine services.

A broad analysis of students participation of full-quarter, half-quarter, two-week, and single-session programs relating to weight management, fitness education, stress management, family programs, fitness assessment, and nutrition education is analyzed to understand frequency of use. Results indicate that a significant population is willing to pay a fee to participate in weight management programs and fitness education for a full quarter and fitness assessment and nutrition education on a single session basis.



Fee Support

Three project concepts were tested for this feasibility study: Concept A, Concept B, and Concept C. Concept A is the highest amenity option and demands the highest fee (\$180 to \$190) while Concept C is the lowest amenity option and demands the lowest fee (\$100 to \$110).

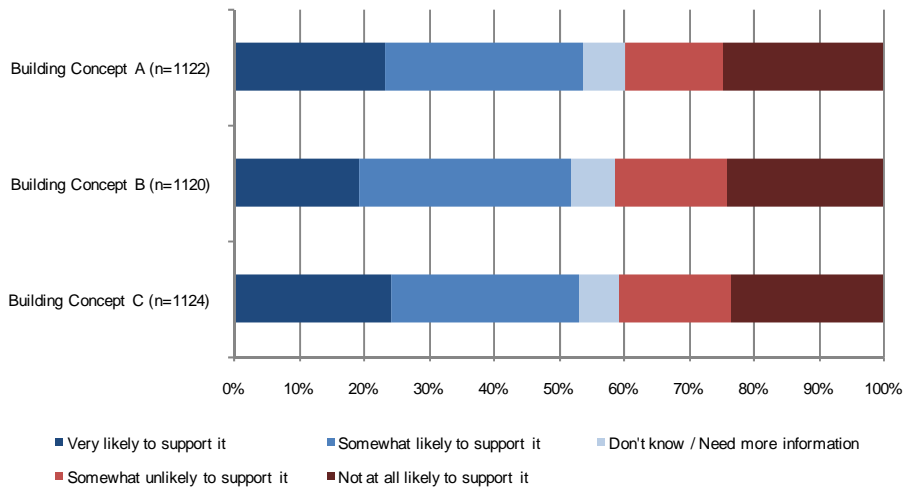


SURVEY ANALYSIS

	Concept A	Concept B	Concept C
Fees Tested (per quarter)	\$180 to \$190	\$150 to \$160	\$100 to \$110
Building Square Feet (expansion total)	92,000	70,000	40,000
Weight & Fitness Square Feet	13,000	12,000	11,000
Multi-sport Court	2	1	1
Multi-purpose Activity Court	1	1	N/A
Multi-purpose / Group Fitness Rooms	3	2	1
Elevated Indoor Jogging Track	1	N/A	N/A
Indoor Rock Climbing / Bouldering Wall	1	1	1
Outdoor Pool	Yes	Yes	Yes
Outdoor Excursion Resource / Rental Center	Yes	Yes	Yes
Wellness Center	Yes	Yes	Yes
Juice Bar / Lounge	Yes	Yes	Yes

Students agree that there is a need for a recreation facility improvement. Seventy-nine percent of respondents indicated their interest in one of three concepts: 27% for Concept A, 18% for Concept B, and 35% for Concept C. However, 21% of respondents did not prefer any of the options. In terms of student support, 53% are very likely or somewhat likely to support Concept A, 52% for Concept B, and 54% for Concept C. When the data was analyzed across demographic data, students' very likeliness or somewhat likeliness to support Concepts A, B, and C were similar.

Q219.-Q221. If you were voting on this project only, how likely would you be to support it?





Tab 5

Objectives & Methodology

Demand Based Programming (“DBP”) is a proprietary process developed by B&D to utilize survey data for making square footage recommendations. The information is obtained from questions 102 through 149 of the internet survey which read, “If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities?” All current UCR students were invited to participate in the survey.

Various “activity” spaces were listed on the survey and are found at the conclusion of this narrative. Activity spaces are those spaces that are programmed based on the number of potential users and the distribution of usage over the course of a typical day. Certain spaces cannot be analyzed using the DBP information because they are based on specific user groups and are not campus wide, including administrative offices, large event space, and conference / meeting rooms.

Square foot allocations patterns for each activity are included in Exhibit C. The priorities are illustrated based on the depth and breadth of demand analysis and the recommended space allocation of each program area. Space utilization schedules for each activity are included in Exhibit D.

Summary of Findings

The UC Riverside community represents an active population with demand for recreational activities exceeding the capacity afforded by the existing facilities. B&D’s demand analysis demonstrates that certain program components may need to be doubled or tripled to adequately accommodate demand.

Demand Based Programming

Table 5.1 illustrates the depth and breadth of student demand for the 24 activity spaces tested in the survey. The spaces are prioritized based on “Depth” of demand, representing the number of people who will participate in an activity at least two times per week, and “Breadth” of demand, representing the number of people who will participate in an activity with any frequency, even if only occasionally. Thus, depth of demand illustrates the extent to which each activity is integral to the lifestyles of the UCR community, while breadth of demand illustrates the general popularity of an activity throughout the total campus population (table 5.1).

DEMAND ANALYSIS

Table 5.1: Depth and Breadth Analysis

Activity	Depth	Breadth
Cardiovascular Fitness Machines	43.6%	69.7%
Weight Machines (Selectorized)	28.9%	52.0%
Weight Training (Free Weights)	28.7%	50.8%
Indoor Walking / Jogging (Track)	24.9%	47.1%
Group Fitness	22.8%	51.3%
Lap Swimming	20.4%	44.0%
Yoga, Stretch or Pilates	17.4%	41.9%
Outdoor Walking / Jogging (Track)	17.3%	43.2%
Recreational / Leisure Swimming/Aquatics	14.3%	42.8%
Indoor Basketball	11.1%	31.4%
Social Lounge	9.7%	37.2%
Rock Climbing (Indoor Climbing Wall)	9.6%	40.6%
Outdoor Tennis	9.2%	31.0%
Racquetball / Handball	8.7%	35.2%
Billiards	8.2%	34.7%
Badminton	8.0%	29.4%
Water Aerobics	7.7%	25.3%
Martial Arts	6.9%	21.3%
Outdoor Basketball	6.7%	23.5%
Indoor Soccer	6.5%	19.6%
Table Tennis	6.0%	25.8%
Outdoor Soccer	5.3%	18.2%
Volleyball	4.6%	20.3%
Roller / Floor Hockey	4.2%	18.6%

When the student activity spaces are ranked by depth and breadth of demand, the first priorities, identified through high depth and breadth, are cardio fitness machines, weight machines, weight training (free weights), indoor walking / jogging, group fitness, and lap swimming (table 5.2). The second priority activity spaces include yoga, outdoor walking / jogging, and recreational swimming. The third priority activity spaces include indoor basketball, social lounge space, rock climbing, outdoor tennis, racquetball, and billiards.



Table 5.2: Priority Analysis

Activity	Priority
Cardiovascular Fitness Machines	first
Weight Machines (Selectorized)	first
Weight Training (Free Weights)	first
Indoor Walking / Jogging (Track)	first
Group Fitness	first
Lap Swimming	first
Yoga, Stretch or Pilates	second
Outdoor Walking / Jogging (Track)	second
Recreational / Leisure Swimming/Aquatics	second
Indoor Basketball	third
Social Lounge	third
Rock Climbing (Indoor Climbing Wall)	third
Outdoor Tennis	third
Racquetball / Handball	third
Billiards	third
Badminton	fourth
Water Aerobics	fourth
Martial Arts	fourth
Outdoor Basketball	fourth
Indoor Soccer	fourth
Table Tennis	fourth
Outdoor Soccer	fifth
Volleyball	fifth
Roller / Floor Hockey	fifth

Peak demand is developed through analysis of projected participation numbers and B&D’s planning rules of thumb for each individual activity type. A campus headcount of 18,000 was used to project space demand. B&D recommends that the highest priority spaces (based on depth and breadth of demand) be accommodated to a greater extent than lower priority spaces (table 5.3). It is not advisable to completely meet peak demand as significant portions of space may be underutilized through the course of the day. The first priority activities are recommended to be provided at 75% to 85% of peak demand, second priority activities at 55% to 65%, third priority activities at 40% to 50%, fourth priority activities at 25% to 35%, and fifth priority activities at 10% to 20% of peak demand.

Additionally, discount factors have been integrated into the demand analysis. A “new year’s resolution” discount of 25% has been applied to all projections to account for the potential disparity between planned and actual activity.

Each activity was analyzed individual to determine the space needs for peak demand during the most active time period. Factors in the analysis include times tested on survey, frequency of participation, number of participants, and turnover rates. For example, B&D assumes that one cardio fitness machine user will use the machine for 30 minutes and occupy a space of 55nsf (are for the machine and walk space behind). If 16 students indicated that they would use these machines between the hours of 4pm and 6pm, a total of 220nsf (four machines) would be required to meet demand. These numbers are adjusted by frequency of participation and then extrapolated to reach the peak demand calculation. Peak demand is then multiplied by the priority accommodation factor to reach B&D’s recommendations.

DEMAND ANALYSIS

Table 5.3: Space Allocation

Activity	Priority Category	Peak Accommodation	Space Type	Peak Demand	Space Allocation Based On Prioritization of Demand		
1 Cardiovascular Fitness Machines	first	75% to 85%	Sq. Ft.	10,042	7,500	to	8,500
2 Weight Machines (Selectorized)	first	75% to 85%	Sq. Ft.	8,926	6,700	to	7,600
3 Weight Training (Free Weights)	first	75% to 85%	Sq. Ft.	8,793	6,600	to	7,500
4 Indoor Walking / Jogging (Track)	first	75% to 85%	Sq. Ft.	8,090	6,100	to	6,900
5 Group Fitness	first	75% to 85%	Sq. Ft.	9,805	7,400	to	8,300
6 Lap Swimming	first	75% to 85%	Lanes	24	18	to	20
7 Yoga, Stretch or Pilates	second	55% to 65%	Sq. Ft.	8,324	4,600	to	5,400
8 Outdoor Walking / Jogging (Track)	second	55% to 65%	Lanes	7	4	to	5
9 Recreational / Leisure Swimming/Aquatics	second	55% to 65%	Sq. Ft.	8,344	4,600	to	5,400
10 Indoor Basketball	third	40% to 50%	Courts	13	5	to	7
11 Social Lounge	third	40% to 50%	Sq. Ft.	3,349	1,300	to	1,700
12 Rock Climbing (Indoor Climbing Wall)	third	40% to 50%	Linear Feet	61	24	to	31
13 Outdoor Tennis	third	40% to 50%	Courts	27	11	to	14
14 Racquetball / Handball	third	40% to 50%	Courts	23	9	to	12
15 Billiards	third	40% to 50%	Tables	23	9	to	12
16 Badminton	fourth	25% to 35%	Courts	24	6	to	8
17 Water Aerobics	fourth	25% to 35%	Sq. Ft.	5,784	1,400	to	2,000
18 Martial Arts	fourth	25% to 35%	Sq. Ft.	4,896	1,200	to	1,700
19 Outdoor Basketball	fourth	25% to 35%	Courts	8	2	to	3
20 Indoor Soccer	fourth	25% to 35%	Courts	5	1	to	2
21 Table Tennis	fourth	25% to 35%	Tables	17	4	to	6
22 Outdoor Soccer	fifth	10% to 20%	Fields	5	1	to	1
23 Volleyball	fifth	10% to 20%	Courts	5	1	to	1
24 Roller / Floor Hockey	fifth	10% to 20%	Courts	4	0	to	1
1 COMBINED 1: (Fitness Machines, Free Weights and Weight Machines)				27,800	20,800	to	23,600
2 COMBINED 2 (Group Fitness, Yoga, Stretch or Pilates, and Martial Arts)				23,000	13,200	to	15,400

*All square feet measurements noted are net (assignable) square feet.

Space Reconciliation

The University provides the campus population with multiple recreational facility opportunities. UCR students utilize the following spaces for open recreational activities, self-directed fitness, and student and community programming. The facilities include the:

- Student Recreation Center,
- Glen Mor Fields,
- Outdoor Complex,
- Sports Complex,
- Challenge Course, and
- Physical Education Pool.

Although multiple facilities are provided to meet the needs of students and the UCR community, a significant gap between demand and existing spaces exists (table 5.4). Additionally, several of the facilities available to students provide only limited access and have been discounted from the existing recreation spaces totals, namely the Physical Education Pool. Demand for combined weight and fitness spaces (cardio fitness, weight training, and weight machines) is higher than



DEMAND ANALYSIS

the existing spaces by between 14,300nsf and 17,100nsf, and group fitness space by between 8,200nsf and 10,400nsf.

Table 5.4: Space Reconciliation

	Space Type	Existing Rec Space	Space Allocation Based On Prioritization of Demand		Difference	
Weight and Fitness	Sq. Ft.	6,500	20,800	to	23,600	(14,300) to (17,100)
Group Fitness	Sq. Ft.	5,000	13,200	to	15,400	(8,200) to (10,400)
Indoor Walking / Jogging	Sq. Ft.	0	6,100	to	6,900	(6,100) to (6,900)
Outdoor Walking / Jogging	Lanes	2	4	to	5	(2) to (3)
Lap Swimming	Lanes	0	18	to	20	(18) to (20)
Recreational Swimming / Water Aerobics	Sq. Ft.	0	6,000	to	7,100	(6,000) to (7,100)
Indoor Rock Climbing Wall	Linear Feet	0	24	to	31	(24) to (31)
Outdoor Tennis	Courts	9	11	to	14	(2) to (5)
Basketball / Volleyball Courts	Courts	4	6	to	8	(2) to (4)
Fields (Soccer, Flag Football, Lacrosse, etc.)	Fields	1	1	to	1	0 to 0
Indoor Soccer	Courts	0	1	to	2	(1) to (2)
Table Tennis	Tables	2	4	to	6	(2) to (4)
Racquetball / Handball	Courts	4	9	to	12	(5) to (8)
Outdoor Basketball	Courts	2	2	to	3	0 to (1)

**All square feet measurements noted are net (assignable) square feet.*

B&D’s analysis demonstrates that significant demand for recreational activities and space is present that is currently being unmet by the existing SRC. Expansion to the SRC should focus on areas of the greatest delta between need and existing facility. Such spaces include an outdoor lap and leisure pool, expanded weight and fitness space, additional multi-purpose rooms, and other spaces that will expand the breadth of services of the facility including social spaces and an indoor climbing wall.



Exhibit A

The following exhibit contains data tables for information B&D collected during its benchmark analysis of other institutions within the state of California with either new, recently expanded, or confirmed construction of student recreation facilities. Data collected included basic demographic information, tuition and fees, recreation centers size, and facility components. This information was used to develop the case studies found within the report.

**University of California, Riverside
Competitive Context Analysis**

General Information

University	City / State	Total Enrollment ²	Tuition & Fees ¹	
			In-State	Out-of-State
University of California, Riverside (UCR)	Riverside, CA	18,079	\$8,519	\$29,129

Peer Universities

1	California Polytechnic State University, San Luis Obispo (Cal Poly)	San Luis Obispo, CA	19,471	\$5,043	\$13,179
2	California State University, Fullerton (CSUF)	Fullerton, CA	36,996	\$3,658	\$11,794
3	California State University, Long Beach (CSULB)	Long Beach, CA	37,890	\$3,392	\$11,528
4	California State University, Northridge (CSUN)	Northridge, CA	36,208	\$3,702	\$11,838
5	San Diego State University (SDSU)	San Diego, CA	34,889	\$3,754	\$11,890
6	University of California, Davis (UCD)	Davis, CA	31,426	\$9,496	\$30,104
7	University of California, Irvine (UCI)	Irvine, CA	27,631	\$8,775	\$29,383
8	University of California, San Diego (UCSD)	San Diego, CA	28,200	\$10,883	\$25,862
9	University of California, Santa Barbara (UCSE)	Santa Barbara, CA	21,868	\$8,395	\$29,001
Average			30,509	\$6,344	\$19,398

NOTES

University enrollment data is approximate based on academic year **2008-09** as presented by the Princeton Review and the universities' own world wide web sites.

¹ Rates are based on annual cost of attendance at 12 credit hours per term.

² Enrollment by headcount

University of California, Riverside
Competitive Context Analysis

Enrollment Information

University	Total Enrollment ¹	Undergraduate Enrollment	Graduate Enrollment ²	% Male	% Female	% Full-time	% Part-time
University of California, Riverside (UCR)	18,079	15,708	2,371	48%	52%	98%	2%

Peer Universities

1	California Polytechnic State University, San Luis Obispo (Cal Poly)	19,471	18,516	955	56%	44%	96%	4%
2	California State University, Fullerton (CSUF)	36,996	31,356	5,640	41%	59%	74%	26%
3	California State University, Long Beach (CSULB)	37,890	31,564	6,326	40%	60%	79%	21%
4	California State University, Northridge (CSUN)	36,208	30,237	5,971	44%	56%	77%	23%
5	San Diego State University (SDSU)	34,889	28,784	6,105	42%	58%	85%	15%
6	University of California, Davis (UCD)	31,426	24,188	7,238	44%	56%	96%	4%
7	University of California, Irvine (UCI)	27,631	22,122	5,509	47%	53%	97%	3%
8	University of California, San Diego (UCSD)	28,200	22,518	5,682	48%	52%	97%	3%
9	University of California, Santa Barbara (UCSB)	21,868	18,892	2,976	46%	54%	98%	2%

Average 30,509 25,353 5,156

¹ All enrollment is by headcount

² Includes post-baccalaureate and non-classified students

University of California, Riverside
Competitive Context Analysis

General Information

University	Total Enrollment ¹	Rec Center Size (Indoor gsf)	Rec Space per Student (gsf)	Primary Users	Recreation Fee (Academic Year)			
					Original	Expansion	Total	
University of California, Riverside (UCR)	18,079	86,000	4.8	Rec, Athletics	\$177	N/A	\$177	
Peer Universities								
1	California Polytechnic State University, San Luis Obispo (Cal Poly)	19,471	170,000	8.7	Recreation	\$270	\$195	\$465
2	California State University, Fullerton (CSUF)	36,996	95,000	2.6	Recreation	\$100	N/A	\$100
3	California State University, Long Beach (CSULB)	37,890	120,000	3.2	Recreation	\$220	N/A	\$220
4	California State University, Northridge (CSUN)	36,208	100,000	2.8	Recreation	\$260	N/A	\$260
5	San Diego State University (SDSU)	34,889	73,000	2.1	Recreation	\$146	\$130	\$276
6	University of California, Davis (UCD)	31,426	105,000	3.3	Recreation	\$204	N/A	\$204
7	University of California, Irvine (UCI)	27,631	119,000	4.3	Recreation	\$210	Not Needed	\$210
8	University of California, San Diego (UCSD)	28,200	188,000	6.7	Rec, Athletics	\$117	N/A	\$117
9	University of California, Santa Barbara (UCSB)	21,868	100,000	4.6	Recreation	\$134	\$104	\$238
Average		30,509	119,000	4.2		\$185	\$143	\$232

NOTES

University enrollment data is approximate based on academic year **2008-09** as presented by the Princeton Review and the universities' own world wide web sites.

Facilities at CSULB and CSUN are still in the design or construction phases, changes to total gsf or individual program elements may occur.

Cal Poly is currently designing an expansion to their existing 95,000gsf recreation center. Total spaces including the expansion have been used in these tables. Students will be charged an additional \$195 per year upon facility completion in fall 2011.

SDSU is currently considering a 6,000-7,000nsf second story expansion of cardio / fitness space, however this is not included in the benchmarking.

N/A = Not Applicable

¹ All enrollment is by headcount

University of California, Riverside
Competitive Context Analysis

Program Costs / Operations Costs

University	Total Enrollment ¹	Rec Center Size (Indoor gsf)	Annual Revenue			Annual Expenses				Number of Staff		
			Student Fee	Speculative Revenue	Total	Full-Time Personnel	Part-Time Personnel	Non-Personnel ²	Total	Full-Time	Part-Time (Approx.)	
University of California, Riverside (UCR)	18,079	86,000	\$3,434,000	\$436,000	\$3,870,000	NP	NP	NP	\$3,812,000	16	250	
Peer Universities												
1	California Polytechnic State University, San Luis Obispo (Cal Poly) ³	19,471	170,000	\$3,776,000	\$8,000	\$3,784,000	\$213,000	\$392,000	\$5,867,000	\$6,472,000	4	125
2	California State University, Fullerton (CSUF)	36,996	95,000	NP	NP	NP	NP	NP	NP	NP	NP	NP
3	California State University, Long Beach (CSULB) ⁴	37,890	120,000	\$7,216,000	\$312,000	\$7,528,000	\$811,000	\$461,000	\$5,393,000	\$6,665,000	12	250
4	California State University, Northridge (CSUN) ⁴	36,208	100,000	\$9,057,000	\$202,000	\$9,259,000	\$1,227,000	\$1,393,000	\$3,456,000	\$6,076,000	15	300
5	San Diego State University (SDSU)	34,889	73,000	\$1,788,000	\$1,300,000	\$3,088,000	\$517,000	\$730,000	\$1,820,000	\$3,067,000	18	NP
6	University of California, Davis (UCD)	31,426	105,000	NP	NP	NP	NP	NP	NP	NP	NP	NP
7	University of California, Irvine (UCI)	27,631	119,000	\$5,998,000	\$1,491,000	\$7,489,000	\$975,000	\$868,000	\$4,012,000	\$5,855,000	28	640
8	University of California, San Diego (UCSD)	28,200	188,000	NP	NP	NP	NP	NP	NP	NP	NP	NP
9	University of California, Santa Barbara (UCSB)	21,868	100,000	NP	NP	NP	NP	NP	NP	NP	NP	NP
Average		30,509	119,000	\$5,567,000	\$663,000	\$6,230,000	\$749,000	\$769,000	\$4,110,000	\$5,627,000	15	329

NOTES

¹ All enrollment is by headcount

² Includes Debt Service

³ Cal Poly statistics represent data for the expansion only. The breakout for the full Recreation Center is not available due to the combined Student Body Center fee supporting both the Rec Center and University Union

⁴ CSULB, and CSUN are projections for annual costs opening year of new or expanded facilities

NP = Not Provided

University of California, Riverside
Competitive Context Analysis

General Information

University	Rec Center Size (Indoor gsf)	Weight & Fitness (nsf)	Number of Multipurpose Rooms	Number of Basketball Courts	Number of Raquetball Courts	Indoor Jogging Track	Outdoor Pool	Climbing Wall	Outdoor Adventure Component
University of California, Riverside (UCR)	86,000	7,000	3	4	3	No	No	No	Yes

Peer Universities										
1	California Polytechnic State University, San Luis Obispo (Cal Poly)	170,000	20,000	3	6	6	Yes	Lap, Leisure	No	No
2	California State University, Fullerton (CSUF)	95,000	17,000	4	3	2	Yes	Lap, Leisure	Yes	No
3	California State University, Long Beach (CSULB)	120,000	23,000	3	5	2	Yes	Lap, Leisure	Yes	No
4	California State University, Northridge (CSUN)	100,000	20,000	4	3	2	Yes	Lap, Leisure	Yes	No
5	San Diego State University (SDSU)	73,000	23,000	3	4	3	No	Lap, Leisure	Yes	No
6	University of California, Davis (UCD)	105,000	12,000	4	5	4	Yes	Lap, Leisure	Yes	Yes
7	University of California, Irvine (UCI)	119,000	20,000	4	4	3	Yes	Lap, Leisure	Yes	No
8	University of California, San Diego (UCSD)	188,000	17,000	4	5	4	No	Lap, Leisure	Yes	No
9	University of California, Santa Barbara (UCSB)	100,000	19,000	3	5	5	No	Lap, Leisure	Yes	No
Average		119,000	19,000	4	4	3				

NOTES

University enrollment data is approximate based on academic year 2008-09 as presented by the Princeton Review and the universities' own world wide web sites.

Facilities at CSULB and CSUN are still in the design or construction phases, changes to total gsf or individual program elements may occur.

Cal Poly is currently designing an expansion to their existing 95,000gsf recreation center. Total spaces including the expansion have been used in these tables. Students will be charged an additional \$195 per year upon facility completion in fall 2011.

SDSU is currently considering a 6,000-7,000nsf second story expansion of cardio / fitness space, however this is not included in the benchmarking.

University of California, Riverside
Competitive Context Analysis

Facilities Summary

University	# of Intramural Sports	Club Sports ¹	Open to General Public	# of Class Types Offered ²	Additional Fee Required	Additional Fees Packages
University of California, Riverside (UCR)	9 *	7	No	50	40% of instruction is free to UCR students and SRC members. Fee amounts vary from \$20-\$96/semester.	None
Peer Universities						
1 California Polytechnic State University, San Luis Obispo (Cal Poly)	9	21	No	31	All instruction requires a fee payment. "Instructional" classes are \$50 per quarter. "Exercise" class fee structure listed at right.	\$49: Unlimited participation in all exercise classes for quarter \$37: Noon hour class pass for quarter \$5: One-time visit to try a class (the \$5 can also be applied to the purchase of an Exercise Pass)
2 California State University, Fullerton (CSUF)	7	0	No	29	34% of instruction is free to CSUF students and SRC members. All drop-in fitness is free and all classes charge fees (\$15-\$145 CSUF student rate).	None
3 California State University, Long Beach (CSULB)	6	33	No	24	All instruction is free. Fees range from \$15-100 per quarter.	None
4 California State University, Northridge (CSUN)	7	N/P		14	All instruction is free.	None
5 San Diego State University (SDSU)		16	Yes	90	80% of instruction is free with a rec center membership. All group fitness classes are free and all rec classes charge fees (\$35-\$200/semester).	None
6 University of California, Davis (UCD)	27	30	No	39	28% of instruction is free. All group fitness classes are free and all group exercise classes are \$36-\$55 per quarter.	In addition to day and quarter passes, a week pass is available for \$10 and a month pass is available for \$25
7 University of California, Irvine (UCI)	24	26	No	72	81% of instruction is free. Fees range from \$15 to \$75.	None
8 University of California, San Diego (UCSD)	7	19	No	186	All instruction requires a fee payment. Fees range from \$5-\$155	\$100: unlimited yoga classes \$46: 10-time fencing competitive pass \$66: 10-time fencing workout pass \$79: 10-time gymnastics pass
9 University of California, Santa Barbara (UCSB)		16	Yes	56	All instruction requires a fee payment. Fees range from \$20-\$180.	None
Average	12	20		60		

NOTES

Variations involving the number of players are not counted as additional teams.

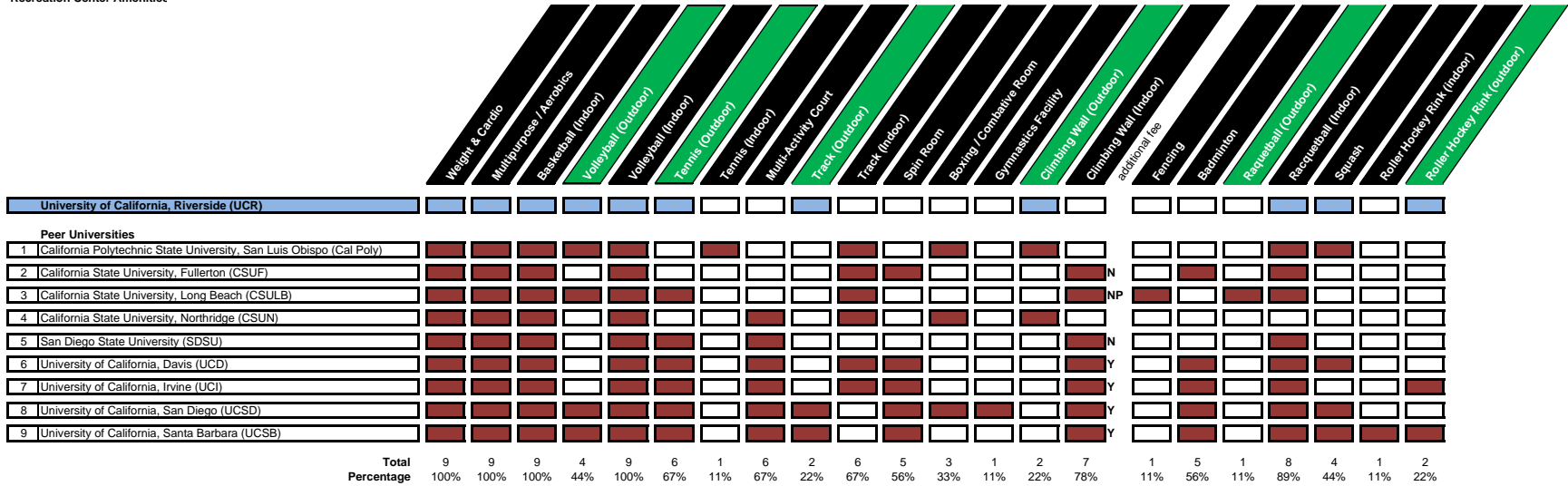
¹ Clubs are counted one club per sport (i.e., if a university offers a sport club for men and women, it is not double counted).

² Each class level is considered one class type. Includes drop-in fitness. Excludes instruction offered for families and children. One-time workshops / classes included.

* Winter quarter offering only.

University of California, Riverside
Competitive Context Analysis

Recreation Center Amenities



Notes:

Amenities include those that are featured in projects not yet completed.
Classes, personal training and massage therapy are not always free.
Sources: University websites and university administrators

= outdoor recreation space / amenity

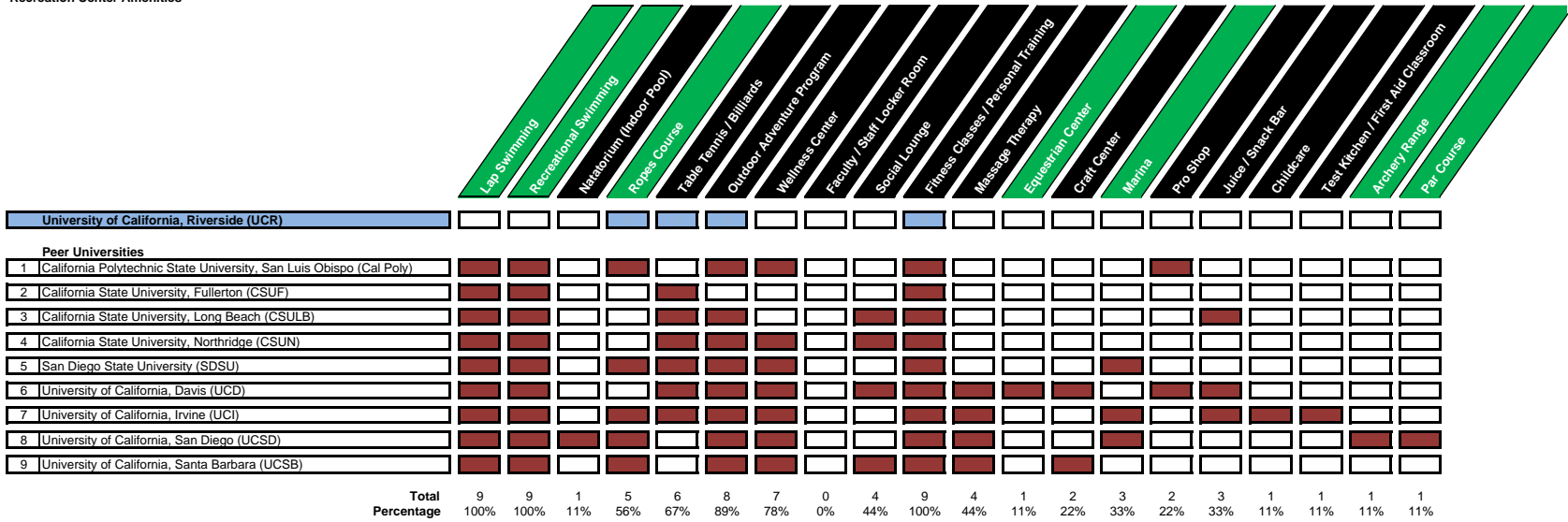
= University has highlighted amenity within Recreation Center or Campus Recreation program

Cal Poly does not have a rec dept; Associated Students, Inc. manages the union and rec center

CSU Long Beach Dept of Club Sports & Recreation does not operate any facilities; current facilities are managed by Student Life & Development as well as the depts of athletics and kinesiology

University of California, Riverside
Competitive Context Analysis

Recreation Center Amenities



Notes:

Amenities include those that are featured in projects not yet completed.
Classes, personal training and massage therapy are not always free
Sources: University websites and university administrators

= outdoor recreation space / amenity

= University has highlighted amenity within Recreation Center or Campus Recreation program

Cal Poly does not have a rec dept; Associated Students, Inc. manages the union and rec center

CSU Long Beach Dept of Club Sports & Recreation does not operate any facilities; current facilities are managed by Student Life & Development as well as the depts of athletics and kinesiology

Exhibit B

The following exhibit contains the raw results from the student survey. Results are listed as students responded with no additional analysis. These results were analyzed and cross tabulated to generate the survey analysis section and B&D's recommendations on the referendum plan.

UC Riverside Recreation Expansion

Description: online for review on COB monday 10/27 if possible. Thanks.

Date Created: 10/24/2008 1:56:40 AM

Date Range: 11/5/2008 12:00:00 AM - 11/13/2008 11:59:00 PM

Total Respondents: 1681

Q1. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Aerobics (Dance, Slide, Spinning, Step)

Count	Percent		
16	1.03%		Daily
97	6.26%		2-4 times/week
65	4.19%		Once/week
176	11.35%		Sometimes
1196	77.16%		Never
1550	Respondents		

Q2. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Badminton

Count	Percent		
12	0.78%		Daily
57	3.68%		2-4 times/week
46	2.97%		Once/week
229	14.79%		Sometimes
1204	77.78%		Never
1548	Respondents		

Q3. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Basketball

Count	Percent		
26	1.68%		Daily
94	6.07%		2-4 times/week
76	4.91%		Once/week
257	16.60%		Sometimes
1095	70.74%		Never
1548	Respondents		

Q4. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Cardiovascular Fitness Machines

Count	Percent		
92	5.86%		Daily
402	25.61%		2-4 times/week
168	10.70%		Once/week
357	22.74%		Sometimes
551	35.10%		Never
1570	Respondents		

Q5. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Challenge Course

Count	Percent		
11	0.72%		Daily
23	1.50%		2-4 times/week
29	1.89%		Once/week
164	10.67%		Sometimes
1310	85.23%		Never
1537	Respondents		

Q6. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Free Weights

Count	Percent		
96	6.11%		Daily
304	19.35%		2-4 times/week
114	7.26%		Once/week
266	16.93%		Sometimes
791	50.35%		Never
1571	Respondents		

Q7. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Lap Swimming

Count	Percent		
18	1.16%		Daily
49	3.17%		2-4 times/week
28	1.81%		Once/week
107	6.92%		Sometimes
1344	86.93%		Never
1546	Respondents		

Q8. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Martial Arts

Count	Percent		
10	0.65%		Daily
32	2.08%		2-4 times/week
16	1.04%		Once/week
55	3.57%		Sometimes
1428	92.67%		Never
1541	Respondents		

Q9. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Outdoor Excursion

Count	Percent		
16	1.04%		Daily
29	1.88%		2-4 times/week
36	2.33%		Once/week
218	14.11%		Sometimes
1246	80.65%		Never
1545	Respondents		

Q10. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Racquetball, Squash, Handball

Count	Percent		
11	0.71%		Daily
59	3.82%		2-4 times/week
90	5.83%		Once/week
291	18.85%		Sometimes
1093	70.79%		Never
1544	Respondents		

Q11. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Recreational or Leisure Swimming

Count	Percent		
14	0.91%		Daily
29	1.88%		2-4 times/week
38	2.47%		Once/week
107	6.95%		Sometimes
1351	87.78%		Never
1539	Respondents		

Q12. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Soccer

Count	Percent		
9	0.59%		Daily
24	1.56%		2-4 times/week
41	2.67%		Once/week
90	5.86%		Sometimes
1372	89.32%		Never
1536	Respondents		

Q13. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Table Tennis

Count	Percent		
9	0.58%		Daily
38	2.46%		2-4 times/week
49	3.18%		Once/week
231	14.97%		Sometimes
1216	78.81%		Never
1543	Respondents		

Q14. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Tennis

Count	Percent		
12	0.78%		Daily
55	3.56%		2-4 times/week
65	4.20%		Once/week
283	18.29%		Sometimes
1132	73.17%		Never
1547	Respondents		

Q15. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Volleyball

Count	Percent		
7	0.46%		Daily
15	0.98%		2-4 times/week
41	2.68%		Once/week
128	8.37%		Sometimes
1339	87.52%		Never
1530	Respondents		

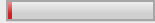
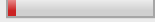
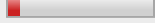
Q16. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Weight Machines

Count	Percent		
102	6.55%		Daily
304	19.52%		2-4 times/week
125	8.03%		Once/week
260	16.70%		Sometimes
766	49.20%		Never
1557	Respondents		

Q17. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Yoga and Pilates

Count	Percent		
16	1.04%		Daily
59	3.83%		2-4 times/week
64	4.16%		Once/week
169	10.97%		Sometimes
1232	80.00%		Never
1540	Respondents		

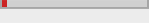
Q18. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Aerobics (Dance, Slide, Spinning, Step)

Count	Percent		
22	1.55%		6-8AM
37	2.60%		8AM-12PM
12	0.84%		12-1PM
26	1.83%		1-4PM
76	5.35%		4-6PM
118	8.30%		6-9PM
70	4.93%		9PM-12AM
1060	74.60%		Never
1421	Respondents		

Q19. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Badminton

Count	Percent		
3	0.22%		6-8AM
19	1.39%		8AM-12PM
9	0.66%		12-1PM
30	2.19%		1-4PM
59	4.31%		4-6PM
140	10.22%		6-9PM
72	5.26%		9PM-12AM
1038	75.77%		Never
1370	Respondents		

Q20. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Basketball

Count	Percent		
3	0.22%		6-8AM
24	1.73%		8AM-12PM
25	1.81%		12-1PM
47	3.39%		1-4PM
76	5.49%		4-6PM
179	12.92%		6-9PM
104	7.51%		9PM-12AM
927	66.93%		Never
1385	Respondents		

Q21. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Cardiovascular Fitness Machines

Count	Percent		
54	3.61%		6-8AM
95	6.36%		8AM-12PM
40	2.68%		12-1PM
107	7.16%		1-4PM
170	11.38%		4-6PM
333	22.29%		6-9PM
173	11.58%		9PM-12AM
522	34.94%		Never
1494	Respondents		

Q22. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Challenge Course

Count	Percent		
4	0.30%		6-8AM
20	1.48%		8AM-12PM
9	0.67%		12-1PM
30	2.22%		1-4PM
33	2.45%		4-6PM
106	7.86%		6-9PM
33	2.45%		9PM-12AM
1114	82.58%		Never
1349	Respondents		

Q23. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Free Weights

Count	Percent		
44	3.04%		6-8AM
79	5.47%		8AM-12PM
29	2.01%		12-1PM
91	6.30%		1-4PM
129	8.93%		4-6PM
226	15.64%		6-9PM
141	9.76%		9PM-12AM
706	48.86%		Never
1445	Respondents		

Q24. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Lap Swimming

Count	Percent		
5	0.37%		6-8AM
11	0.81%		8AM-12PM
24	1.77%		12-1PM
82	6.05%		1-4PM
27	1.99%		4-6PM
38	2.80%		6-9PM
19	1.40%		9PM-12AM
1150	84.81%		Never
1356	Respondents		

Q25. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Martial Arts

Count	Percent		
7	0.52%		6-8AM
5	0.37%		8AM-12PM
2	0.15%		12-1PM
11	0.82%		1-4PM
21	1.57%		4-6PM
52	3.89%		6-9PM
27	2.02%		9PM-12AM
1213	90.66%		Never
1338	Respondents		

Q26. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Outdoor Excursion

Count	Percent		
7	0.52%		6-8AM
30	2.25%		8AM-12PM
17	1.27%		12-1PM
28	2.10%		1-4PM
41	3.07%		4-6PM
95	7.12%		6-9PM
41	3.07%		9PM-12AM
1076	80.60%		Never
1335	Respondents		

Q27. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Racquetball, Squash, Handball

Count	Percent		
4	0.29%		6-8AM
23	1.68%		8AM-12PM
12	0.88%		12-1PM
43	3.14%		1-4PM
85	6.20%		4-6PM
165	12.04%		6-9PM
107	7.80%		9PM-12AM
932	67.98%		Never
1371	Respondents		

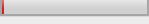
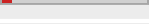
Q28. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Recreational or Leisure Swimming

Count	Percent		
4	0.30%		6-8AM
9	0.67%		8AM-12PM
17	1.26%		12-1PM
72	5.32%		1-4PM
29	2.14%		4-6PM
40	2.96%		6-9PM
20	1.48%		9PM-12AM
1162	85.88%		Never
1353	Respondents		

Q29. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Soccer

Count	Percent		
2	0.15%		6-8AM
7	0.52%		8AM-12PM
6	0.45%		12-1PM
15	1.12%		1-4PM
30	2.24%		4-6PM
82	6.11%		6-9PM
34	2.54%		9PM-12AM
1165	86.88%		Never
1341	Respondents		

Q30. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Table Tennis

Count	Percent		
4	0.30%		6-8AM
14	1.04%		8AM-12PM
16	1.19%		12-1PM
38	2.82%		1-4PM
53	3.94%		4-6PM
103	7.65%		6-9PM
91	6.76%		9PM-12AM
1027	76.30%		Never
1346	Respondents		

Q31. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Tennis

Count	Percent		
3	0.22%		6-8AM
22	1.62%		8AM-12PM
10	0.73%		12-1PM
30	2.20%		1-4PM
74	5.44%		4-6PM
159	11.68%		6-9PM
98	7.20%		9PM-12AM
965	70.90%		Never
1361	Respondents		

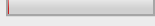
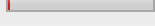
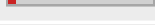
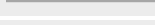
Q32. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Volleyball

Count	Percent		
2	0.15%		6-8AM
6	0.45%		8AM-12PM
7	0.52%		12-1PM
14	1.05%		1-4PM
38	2.85%		4-6PM
88	6.59%		6-9PM
43	3.22%		9PM-12AM
1137	85.17%		Never
1335	Respondents		

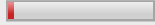
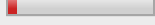
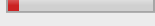
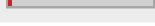
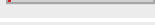
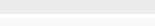
Q33. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Weight Machines

Count	Percent		
45	3.11%		6-8AM
72	4.98%		8AM-12PM
33	2.28%		12-1PM
96	6.64%		1-4PM
130	9.00%		4-6PM
226	15.64%		6-9PM
157	10.87%		9PM-12AM
686	47.47%		Never
1445	Respondents		

Q34. On average, how often and at what time of the day do you TYPICALLY use the current recreational sports and fitness facilities on campus? (Please SELECT ONE frequency and ONE time for each facility) - Yoga and Pilates

Count	Percent		
29	2.11%		6-8AM
23	1.67%		8AM-12PM
12	0.87%		12-1PM
18	1.31%		1-4PM
76	5.52%		4-6PM
111	8.07%		6-9PM
32	2.33%		9PM-12AM
1075	78.13%		Never
1376	Respondents		

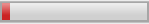

Q35. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Aerobics (Dance, Slide, Spinning, Step)

Count	Percent		
69	4.34%		1/2 hour or less
102	6.41%		1/2 hour to 1 hour
115	7.23%		1 hour to 1 1/2 hours
47	2.95%		1 1/2 hours to 2 hours
28	1.76%		Over 2 hours
1230	77.31%		N/A
1591	Respondents		

Q36. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Badminton

Count	Percent		
73	4.61%		1/2 hour or less
95	5.99%		1/2 hour to 1 hour
79	4.98%		1 hour to 1 1/2 hours
40	2.52%		1 1/2 hours to 2 hours
47	2.97%		Over 2 hours
1251	78.93%		N/A
1585	Respondents		

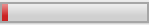
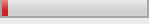
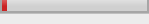
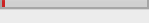
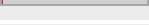
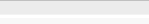
Q37. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Basketball

Count	Percent		
84	5.30%		1/2 hour or less
97	6.12%		1/2 hour to 1 hour
95	6.00%		1 hour to 1 1/2 hours
84	5.30%		1 1/2 hours to 2 hours
91	5.74%		Over 2 hours
1133	71.53%		N/A
1584	Respondents		

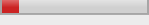
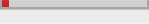
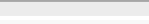
Q38. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Cardiovascular Fitness Machines

Count	Percent		
185	11.50%		1/2 hour or less
434	26.99%		1/2 hour to 1 hour
235	14.61%		1 hour to 1 1/2 hours
79	4.91%		1 1/2 hours to 2 hours
29	1.80%		Over 2 hours
646	40.17%		N/A
1608	Respondents		

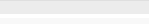
Q39. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Challenge Course

Count	Percent		
68	4.32%		1/2 hour or less
62	3.94%		1/2 hour to 1 hour
49	3.11%		1 hour to 1 1/2 hours
29	1.84%		1 1/2 hours to 2 hours
12	0.76%		Over 2 hours
1354	86.02%		N/A
1574	Respondents		

Q40. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Free Weights

Count	Percent		
216	13.39%		1/2 hour or less
257	15.93%		1/2 hour to 1 hour
189	11.72%		1 hour to 1 1/2 hours
76	4.71%		1 1/2 hours to 2 hours
26	1.61%		Over 2 hours
849	52.63%		N/A
1613	Respondents		



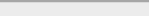
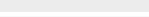
Q41. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Lap Swimming

Count	Percent		
48	3.03%		1/2 hour or less
75	4.73%		1/2 hour to 1 hour
60	3.79%		1 hour to 1 1/2 hours
28	1.77%		1 1/2 hours to 2 hours
5	0.32%		Over 2 hours
1368	86.36%		N/A
1584	Respondents		

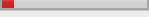
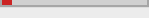
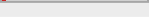
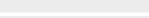
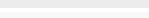
Q42. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Martial Arts

Count	Percent		
32	2.02%		1/2 hour or less
31	1.96%		1/2 hour to 1 hour
33	2.09%		1 hour to 1 1/2 hours
19	1.20%		1 1/2 hours to 2 hours
18	1.14%		Over 2 hours
1449	91.59%		N/A
1582	Respondents		

Q43. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Outdoor Excursion

Count	Percent		
61	3.86%		1/2 hour or less
53	3.35%		1/2 hour to 1 hour
51	3.23%		1 hour to 1 1/2 hours
14	0.89%		1 1/2 hours to 2 hours
65	4.11%		Over 2 hours
1336	84.56%		N/A
1580	Respondents		

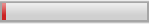
Q44. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Racquetball, Squash, Handball

Count	Percent		
112	7.06%		1/2 hour or less
133	8.39%		1/2 hour to 1 hour
108	6.81%		1 hour to 1 1/2 hours
46	2.90%		1 1/2 hours to 2 hours
21	1.32%		Over 2 hours
1166	73.52%		N/A
1586	Respondents		

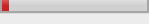
Q45. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Recreational or Leisure Swimming

Count	Percent		
48	3.05%		1/2 hour or less
58	3.68%		1/2 hour to 1 hour
54	3.43%		1 hour to 1 1/2 hours
25	1.59%		1 1/2 hours to 2 hours
10	0.63%		Over 2 hours
1381	87.63%		N/A
1576	Respondents		

Q46. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Soccer

Count	Percent		
46	2.92%		1/2 hour or less
36	2.29%		1/2 hour to 1 hour
54	3.43%		1 hour to 1 1/2 hours
33	2.10%		1 1/2 hours to 2 hours
18	1.14%		Over 2 hours
1386	88.11%		N/A
1573	Respondents		

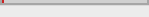
Q47. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Table Tennis

Count	Percent		
105	6.62%		1/2 hour or less
105	6.62%		1/2 hour to 1 hour
75	4.73%		1 hour to 1 1/2 hours
28	1.77%		1 1/2 hours to 2 hours
16	1.01%		Over 2 hours
1256	79.24%		N/A
1585	Respondents		

Q48. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Tennis

Count	Percent		
67	4.24%		1/2 hour or less
115	7.27%		1/2 hour to 1 hour
108	6.83%		1 hour to 1 1/2 hours
71	4.49%		1 1/2 hours to 2 hours
41	2.59%		Over 2 hours
1179	74.57%		N/A
1581	Respondents		

Q49. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Volleyball

Count	Percent		
51	3.26%		1/2 hour or less
63	4.03%		1/2 hour to 1 hour
64	4.09%		1 hour to 1 1/2 hours
14	0.89%		1 1/2 hours to 2 hours
21	1.34%		Over 2 hours
1352	86.39%		N/A
1565	Respondents		

Q50. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Weight Machines

Count	Percent		
182	11.40%		1/2 hour or less
295	18.48%		1/2 hour to 1 hour
187	11.72%		1 hour to 1 1/2 hours
78	4.89%		1 1/2 hours to 2 hours
33	2.07%		Over 2 hours
821	51.44%		N/A
1596	Respondents		

Q51. On average, how much total time do you currently allocate (excluding traveling to and from the facility) when you participate in a recreational sport or fitness activity on campus? (Please SELECT ONE answer for each facility) - Yoga and Pilates

Count	Percent		
57	3.63%		1/2 hour or less
105	6.69%		1/2 hour to 1 hour
102	6.50%		1 hour to 1 1/2 hours
28	1.78%		1 1/2 hours to 2 hours
8	0.51%		Over 2 hours
1270	80.89%		N/A
1570	Respondents		

Q52. If you do not participate in recreational/fitness activities, what are the main reasons? (SELECT ALL THAT APPLY)

Count	Respondent %	Response %	
596	39.50%	19.64%	N/A - I participate in recreational/fitness activities
84	5.57%	2.77%	I do not like to exercise
450	29.82%	14.83%	I do not have time to exercise
139	9.21%	4.58%	The operating hours of on-campus facilities are not convenient
268	17.76%	8.83%	The UC Riverside recreation facilities are too crowded
84	5.57%	2.77%	The UC Riverside recreation facilities do not offer recreational activities that are of interest to me
136	9.01%	4.48%	I don't have the requisite skills or knowledge to use equipment or participate in activities
148	9.81%	4.88%	I don't feel comfortable working out in the existing facilities
55	3.64%	1.81%	I don't feel comfortable using the existing locker rooms
127	8.42%	4.19%	I cannot afford activities in which I would like to participate
260	17.23%	8.57%	I cannot find parking near the facility
129	8.55%	4.25%	I do not feel comfortable walking and/or riding my bike to the facility
143	9.48%	4.71%	The SRC is too far away from where I am on campus
237	15.71%	7.81%	I am not aware of recreational programs or services offered
22	1.46%	0.73%	I have an injury or disability
156	10.34%	5.14%	Other (please specify)
1509	Respondents		
3034	Responses		

Q53. What types of outdoor recreation do you participate in? (SELECT ALL THAT APPLY)

Count	Respondent %	Response %		
370	22.51%	6.52%		I do not participate in outdoor recreation
61	3.71%	1.07%		Archery
129	7.85%	2.27%		Baseball / Softball
327	19.89%	5.76%		Basketball (outdoor)
394	23.97%	6.94%		Biking
231	14.05%	4.07%		Climbing
157	9.55%	2.77%		Fishing
153	9.31%	2.69%		Flag / Touch Football
116	7.06%	2.04%		Golfing
431	26.22%	7.59%		Hiking / Camping
89	5.41%	1.57%		Horseback Riding
72	4.38%	1.27%		Inline Skating
166	10.10%	2.92%		Kayaking / Canoeing
68	4.14%	1.20%		Rafting
602	36.62%	10.60%		Running
73	4.44%	1.29%		Sea Kayaking / Sailing
127	7.73%	2.24%		Skateboarding
244	14.84%	4.30%		Skiing / Snowboarding
228	13.87%	4.02%		Soccer
385	23.42%	6.78%		Swimming
382	23.24%	6.73%		Tennis
148	9.00%	2.61%		Volleyball (outdoor)
594	36.13%	10.46%		Walking
26	1.58%	0.46%		Windsurfing
105	6.39%	1.85%		Other (please specify)
1644	Respondents			
5678	Responses			

Q54. The quality of each of the following recreation facilities is: (Please SELECT ONE per aspect) - Outdoor Complex (tennis courts, jogging track, volleyball courts, etc.)

Count	Percent		
102	6.64%		Excellent
360	23.44%		Very good
451	29.36%		Satisfactory
66	4.30%		Poor
14	0.91%		Very poor
543	35.35%		Don't know
1536	Respondents		

Q55. The quality of each of the following recreation facilities is: (Please SELECT ONE per aspect) - Glen Mor Fields

Count	Percent		
72	4.71%		Excellent
190	12.43%		Very good
208	13.60%		Satisfactory
33	2.16%		Poor
10	0.65%		Very poor
1016	66.45%		Don't know
1529	Respondents		

Q56. The quality of each of the following recreation facilities is: (Please SELECT ONE per aspect) - Student Recreation Center

Count	Percent		
198	12.82%		Excellent
454	29.39%		Very good
491	31.78%		Satisfactory
72	4.66%		Poor
18	1.17%		Very poor
312	20.19%		Don't know
1545	Respondents		

Q57. The quality of each of the following recreation facilities is: (Please SELECT ONE per aspect) - Challenge Course

Count	Percent		
55	3.60%		Excellent
157	10.27%		Very good
208	13.60%		Satisfactory
34	2.22%		Poor
9	0.59%		Very poor
1066	69.72%		Don't know
1529	Respondents		

Q58. The quality of each of the following recreation facilities is: (Please SELECT ONE per aspect) - Sports Complex

Count	Percent		
69	4.52%		Excellent
200	13.11%		Very good
254	16.66%		Satisfactory
43	2.82%		Poor
12	0.79%		Very poor
947	62.10%		Don't know
1525	Respondents		

Q59. The quality of each of the following recreation facilities is: (Please SELECT ONE per aspect) - Physical Education Pool

Count	Percent		
30	1.95%		Excellent
87	5.67%		Very good
191	12.44%		Satisfactory
110	7.17%		Poor
65	4.23%		Very poor
1052	68.53%		Don't know
1535	Respondents		

Q60. Compared to recreation facilities you know of at other universities, UC Riverside's recreation facilities are: (Please SELECT ONE answer)

Count	Percent		
66	4.26%		Excellent
229	14.78%		Very good
450	29.05%		Satisfactory
201	12.98%		Poor
50	3.23%		Very poor
553	35.70%		Don't know
1549	Respondents		

Q61. Do you normally vote in student elections? (SELECT ONE)

Count	Percent		
416	26.87%		Yes
619	39.99%		No
513	33.14%		I have not had the opportunity at UCR
1548	Respondents		

Q62. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Convenience of hours

Count	Percent		
362	23.42%		Very satisfied
503	32.54%		Satisfied
229	14.81%		Neutral
121	7.83%		Unsatisfied
49	3.17%		Very unsatisfied
282	18.24%		Not familiar
1546	Respondents		

Q63. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Availability of services and activities

Count	Percent		
224	14.55%		Very satisfied
524	34.03%		Satisfied
319	20.71%		Neutral
133	8.64%		Unsatisfied
35	2.27%		Very unsatisfied
305	19.81%		Not familiar
1540	Respondents		


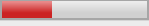
Q64. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Quality of services

Count	Percent		
207	13.47%		Very satisfied
563	36.63%		Satisfied
347	22.58%		Neutral
65	4.23%		Unsatisfied
28	1.82%		Very unsatisfied
327	21.28%		Not familiar
1537	Respondents		

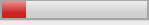
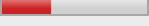
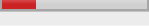
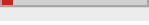

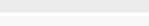
Q65. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Cost of services

Count	Percent		
177	11.54%		Very satisfied
342	22.29%		Satisfied
405	26.40%		Neutral
200	13.04%		Unsatisfied
74	4.82%		Very unsatisfied
336	21.90%		Not familiar
1534	Respondents		

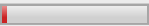
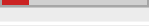
Q66. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Variety of services and activities

Count	Percent		
194	12.65%		Very satisfied
531	34.64%		Satisfied
372	24.27%		Neutral
117	7.63%		Unsatisfied
21	1.37%		Very unsatisfied
298	19.44%		Not familiar
1533	Respondents		

Q67. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Convenience of location

Count	Percent		
259	16.86%		Very satisfied
520	33.85%		Satisfied
360	23.44%		Neutral
116	7.55%		Unsatisfied
44	2.86%		Very unsatisfied
237	15.43%		Not familiar
1536	Respondents		

Q68. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Availability of parking

Count	Percent		
54	3.51%		Very satisfied
156	10.15%		Satisfied
264	17.18%		Neutral
288	18.74%		Unsatisfied
288	18.74%		Very unsatisfied
487	31.69%		Not familiar
1537	Respondents		

Q69. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Condition/appearance of building

Count	Percent		
259	16.91%		Very satisfied
625	40.80%		Satisfied
349	22.78%		Neutral
62	4.05%		Unsatisfied
16	1.04%		Very unsatisfied
221	14.43%		Not familiar
1532	Respondents		

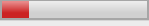
Q70. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Ability to find your way inside the SRC

Count	Percent		
286	18.57%		Very satisfied
606	39.35%		Satisfied
291	18.90%		Neutral
69	4.48%		Unsatisfied
19	1.23%		Very unsatisfied
269	17.47%		Not familiar
1540	Respondents		

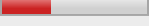
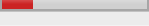
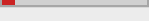
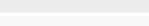
Q71. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Facility staff / instructors

Count	Percent		
212	13.78%		Very satisfied
491	31.90%		Satisfied
340	22.09%		Neutral
62	4.03%		Unsatisfied
36	2.34%		Very unsatisfied
398	25.86%		Not familiar
1539	Respondents		

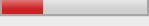
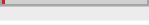
Q72. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Availability of bicycle racks

Count	Percent		
125	8.14%		Very satisfied
282	18.36%		Satisfied
320	20.83%		Neutral
53	3.45%		Unsatisfied
24	1.56%		Very unsatisfied
732	47.66%		Not familiar
1536	Respondents		


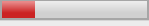
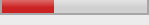
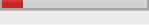
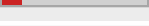
Q73. How satisfied are you with the following aspects of the existing recreational sports and fitness facilities on campus? (Please SELECT ONE per aspect) - Convenience of walking paths to the SRC

Count	Percent		
206	13.46%		Very satisfied
514	33.59%		Satisfied
329	21.50%		Neutral
135	8.82%		Unsatisfied
43	2.81%		Very unsatisfied
303	19.80%		Not familiar
1530	Respondents		

Q74. How do you typically travel to the SRC? (SELECT ONE)

Count	Percent		
852	56.31%		Walk
163	10.77%		Bike
427	28.22%		Car
41	2.71%		Carpool
30	1.98%		Public transit
1513	Respondents		

Q75. Overall, how well have the recreation facilities met your expectations at UC Riverside? (SELECT ONE)

Count	Percent		
204	13.21%		Much better than I expected
349	22.60%		A Little better than I expected
555	35.95%		About as good as I expected
225	14.57%		Not as good as I expected
211	13.67%		Don't know / Haven't seen facility
1544	Respondents		


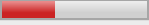
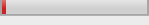
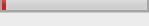
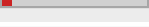
Q76. How important are recreation and fitness opportunities to the following aspects of your life at UC Riverside? SELECT ONE for each aspect) - Academic success

Count	Percent		
563	36.42%		Very important
494	31.95%		Important
247	15.98%		Unimportant
87	5.63%		Very unimportant
155	10.03%		Unsure
1546	Respondents		

Q77. How important are recreation and fitness opportunities to the following aspects of your life at UC Riverside? SELECT ONE for each aspect) - Mental health

Count	Percent		
707	45.79%		Very important
573	37.11%		Important
97	6.28%		Unimportant
41	2.66%		Very unimportant
126	8.16%		Unsure
1544	Respondents		

Q78. How important are recreation and fitness opportunities to the following aspects of your life at UC Riverside? SELECT ONE for each aspect) - Overall quality of life

Count	Percent		
783	50.75%		Very important
571	37.01%		Important
42	2.72%		Unimportant
38	2.46%		Very unimportant
109	7.06%		Unsure
1543	Respondents		

Q79. How important are recreation and fitness opportunities to the following aspects of your life at UC Riverside? SELECT ONE for each aspect) - Stress mitigation

Count	Percent		
690	44.75%		Very important
578	37.48%		Important
97	6.29%		Unimportant
42	2.72%		Very unimportant
135	8.75%		Unsure
1542	Respondents		

Q80. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If facilities and equipment were of better quality

Count	Percent		
207	15.10%		A lot more
321	23.41%		More
315	22.98%		Somewhat more
187	13.64%		A little more
341	24.87%		No more
1371	Respondents		

Q81. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If a wider variety of facilities and equipment was provided

Count	Percent		
288	21.05%		A lot more
391	28.58%		More
267	19.52%		Somewhat more
179	13.08%		A little more
243	17.76%		No more
1368	Respondents		

Q82. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If facilities and equipment were always available for your use when you want them

Count	Percent		
405	29.69%		A lot more
387	28.37%		More
228	16.72%		Somewhat more
140	10.26%		A little more
204	14.96%		No more
1364	Respondents		

Q83. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If the facilities were more conveniently located

Count	Percent		
252	18.53%		A lot more
292	21.47%		More
297	21.84%		Somewhat more
160	11.76%		A little more
359	26.40%		No more
1360	Respondents		

Q84. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If more wellness programs were offered (e.g., fitness testing nutrition analysis, fitness programs, massage, healthy cooking classes)

Count	Percent		
357	26.17%		A lot more
313	22.95%		More
247	18.11%		Somewhat more
154	11.29%		A little more
293	21.48%		No more
1364	Respondents		

Q85. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If more instructional classes were offered (e.g., fitness / exercise, yoga, martial arts, dance, pilates)

Count	Percent		
338	24.80%		A lot more
297	21.79%		More
255	18.71%		Somewhat more
160	11.74%		A little more
313	22.96%		No more
1363	Respondents		

Q86. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If programs for beginners were offered (e.g., equipment familiarization, basic exercise planning, similar experience classes, nutrition planning)

Count	Percent		
314	23.00%		A lot more
278	20.37%		More
233	17.07%		Somewhat more
157	11.50%		A little more
383	28.06%		No more
1365	Respondents		

Q87. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If quality social spaces were offered (e.g., social lounge, game room)

Count	Percent		
229	16.80%		A lot more
250	18.34%		More
241	17.68%		Somewhat more
179	13.13%		A little more
464	34.04%		No more
1363	Respondents		

Q88. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If a juice bar was available

Count	Percent		
236	17.26%		A lot more
239	17.48%		More
245	17.92%		Somewhat more
209	15.29%		A little more
438	32.04%		No more
1367	Respondents		

Q89. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If smaller classes and fitness programs were offered

Count	Percent		
193	14.18%		A lot more
264	19.40%		More
274	20.13%		Somewhat more
190	13.96%		A little more
440	32.33%		No more
1361	Respondents		

Q90. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If I could work out in smaller, more private spaces

Count	Percent		
256	18.70%		A lot more
270	19.72%		More
244	17.82%		Somewhat more
175	12.78%		A little more
424	30.97%		No more
1369	Respondents		

Q91. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If locker rooms were more private

Count	Percent		
170	12.44%		A lot more
217	15.87%		More
236	17.26%		Somewhat more
158	11.56%		A little more
586	42.87%		No more
1367	Respondents		

Q92. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If more multipurpose rooms were available for fitness classes and club activities

Count	Percent		
209	15.37%		A lot more
271	19.93%		More
244	17.94%		Somewhat more
165	12.13%		A little more
471	34.63%		No more
1360	Respondents		

Q93. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If outdoor field space was available for use

Count	Percent		
203	14.86%		A lot more
233	17.06%		More
248	18.16%		Somewhat more
169	12.37%		A little more
513	37.55%		No more
1366	Respondents		

Q94. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If small outdoor grass areas were available

Count	Percent		
131	9.64%		A lot more
180	13.25%		More
245	18.03%		Somewhat more
216	15.89%		A little more
587	43.19%		No more
1359	Respondents		

Q95. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If gymnasium space was always available for drop-in / free play use

Count	Percent		
231	17.04%		A lot more
251	18.51%		More
246	18.14%		Somewhat more
173	12.76%		A little more
455	33.55%		No more
1356	Respondents		

Q96. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If parking were more available

Count	Percent		
328	24.08%		A lot more
229	16.81%		More
198	14.54%		Somewhat more
130	9.54%		A little more
477	35.02%		No more
1362	Respondents		

Q97. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If an outdoor leisure / lap pool was available

Count	Percent		
378	27.73%		A lot more
250	18.34%		More
208	15.26%		Somewhat more
155	11.37%		A little more
372	27.29%		No more
1363	Respondents		

Q98. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If an indoor jogging track was available

Count	Percent		
320	23.51%		A lot more
243	17.85%		More
229	16.83%		Somewhat more
178	13.08%		A little more
391	28.73%		No more
1361	Respondents		

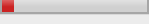
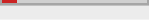
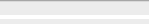
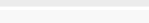
Q99. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If a climbing wall was available

Count	Percent		
235	17.33%		A lot more
181	13.35%		More
225	16.59%		Somewhat more
190	14.01%		A little more
525	38.72%		No more
1356	Respondents		

Q100. How much more would you use on-campus recreational sports facilities if the improvements listed below were made? (Please SELECT ONE for each improvement) Compared to my current recreation usage, I would use improved recreation facilities: - If more spectator seating was available

Count	Percent		
99	7.30%		A lot more
126	9.29%		More
164	12.09%		Somewhat more
137	10.10%		A little more
831	61.24%		No more
1357	Respondents		

Q101. How much time per day do you currently spend On-Campus while not in class? (SELECT ONE)

Count	Percent		
110	7.94%		1/2 hour or less
109	7.86%		1/2 hour to 1 hour
145	10.46%		1 hour to 1 1/2 hours
142	10.25%		1 1/2 hours to 2 hours
161	11.62%		2 hours to 2 1/2 hours
719	51.88%		2 1/2 hours or more
1386	Respondents		

Q102. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Badminton

Count	Percent		
38	3.29%		Daily
63	5.46%		2-4/week
85	7.37%		Once/week
188	16.29%		Sometimes
780	67.59%		Never
1154	Respondents		

Q103. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Cardiovascular Fitness Machines (elliptical machines, stair climbers, bikes, treadmills)

Count	Percent		
152	13.11%		Daily
401	34.60%		2-4/week
145	12.51%		Once/week
195	16.82%		Sometimes
266	22.95%		Never
1159	Respondents		

Q104. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Group Fitness (aerobics, dance, group cycling, step, boxing/kick-boxing, etc.)

Count	Percent		
76	6.60%		Daily
219	19.03%		2-4/week
165	14.34%		Once/week
200	17.38%		Sometimes
491	42.66%		Never
1151	Respondents		

Q105. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Basketball

Count	Percent		
49	4.24%		Daily
98	8.48%		2-4/week
84	7.27%		Once/week
173	14.98%		Sometimes
751	65.02%		Never
1155	Respondents		

Q106. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Indoor Soccer

Count	Percent		
25	2.19%		Daily
55	4.82%		2-4/week
66	5.78%		Once/week
112	9.81%		Sometimes
884	77.41%		Never
1142	Respondents		

Q107. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Indoor Jogging / Walking

Count	Percent		
91	7.93%		Daily
227	19.77%		2-4/week
116	10.10%		Once/week
169	14.72%		Sometimes
545	47.47%		Never
1148	Respondents		

Q108. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Lap Swimming

Count	Percent		
88	7.59%		Daily
176	15.17%		2-4/week
128	11.03%		Once/week
177	15.26%		Sometimes
591	50.95%		Never
1160	Respondents		

Q109. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Martial Arts

Count	Percent		
30	2.62%		Daily
61	5.34%		2-4/week
76	6.65%		Once/week
115	10.06%		Sometimes
861	75.33%		Never
1143	Respondents		

Q110. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Outdoor Basketball

Count	Percent		
22	1.92%		Daily
63	5.49%		2-4/week
69	6.02%		Once/week
145	12.64%		Sometimes
848	73.93%		Never
1147	Respondents		

Q111. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Outdoor Tennis

Count	Percent		
32	2.79%		Daily
85	7.40%		2-4/week
98	8.54%		Once/week
183	15.94%		Sometimes
750	65.33%		Never
1148	Respondents		

Q112. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Outdoor Soccer

Count	Percent		
17	1.49%		Daily
50	4.39%		2-4/week
77	6.76%		Once/week
93	8.17%		Sometimes
902	79.19%		Never
1139	Respondents		

Q113. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Outdoor Walking/Jogging (Track)

Count	Percent		
76	6.59%		Daily
143	12.40%		2-4/week
129	11.19%		Once/week
196	17.00%		Sometimes
609	52.82%		Never
1153	Respondents		

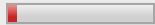
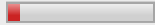
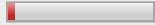
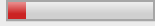
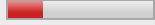
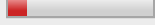
Q114. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Badminton

Count	Percent		
20	4.37%		6-8 AM
37	8.08%		8-12 AM
18	3.93%		12-1 PM
57	12.45%		1-4 PM
84	18.34%		4-6 PM
150	32.75%		6-9 PM
92	20.09%		9-12 PM
458	Respondents		

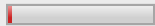
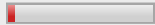
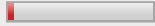
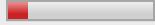
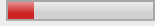
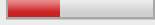
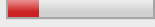
Q115. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Cardiovascular Fitness Machines (elliptical machines, stair climbers, bikes, treadmills)

Count	Percent		
63	7.29%		6-8 AM
90	10.42%		8-12 AM
42	4.86%		12-1 PM
106	12.27%		1-4 PM
172	19.91%		4-6 PM
273	31.60%		6-9 PM
118	13.66%		9-12 PM
864	Respondents		

Q116. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Group Fitness (aerobics, dance, group cycling, step, boxing/kick-boxing, etc.)

Count	Percent		
43	6.32%		6-8 AM
54	7.94%		8-12 AM
30	4.41%		12-1 PM
84	12.35%		1-4 PM
163	23.97%		4-6 PM
218	32.06%		6-9 PM
88	12.94%		9-12 PM
680	Respondents		

Q117. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Basketball

Count	Percent		
12	2.56%		6-8 AM
22	4.69%		8-12 AM
19	4.05%		12-1 PM
63	13.43%		1-4 PM
84	17.91%		4-6 PM
170	36.25%		6-9 PM
99	21.11%		9-12 PM
469	Respondents		

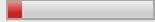
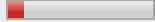
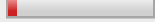
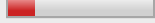
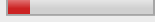
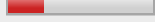
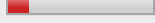
Q118. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Indoor Soccer

Count	Percent		
15	4.10%		6-8 AM
20	5.46%		8-12 AM
12	3.28%		12-1 PM
39	10.66%		1-4 PM
67	18.31%		4-6 PM
126	34.43%		6-9 PM
87	23.77%		9-12 PM
366	Respondents		

Q119. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Indoor Jogging / Walking

Count	Percent		
57	8.95%		6-8 AM
65	10.20%		8-12 AM
23	3.61%		12-1 PM
81	12.72%		1-4 PM
117	18.37%		4-6 PM
192	30.14%		6-9 PM
102	16.01%		9-12 PM
637	Respondents		

Q120. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Lap Swimming

Count	Percent		
58	9.49%		6-8 AM
68	11.13%		8-12 AM
36	5.89%		12-1 PM
114	18.66%		1-4 PM
94	15.38%		4-6 PM
151	24.71%		6-9 PM
90	14.73%		9-12 PM
611	Respondents		

Q121. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Martial Arts

Count	Percent		
19	5.08%		6-8 AM
22	5.88%		8-12 AM
13	3.48%		12-1 PM
40	10.70%		1-4 PM
61	16.31%		4-6 PM
124	33.16%		6-9 PM
95	25.40%		9-12 PM
374	Respondents		

Q122. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Outdoor Basketball

Count	Percent		
13	3.31%		6-8 AM
18	4.58%		8-12 AM
11	2.80%		12-1 PM
51	12.98%		1-4 PM
67	17.05%		4-6 PM
134	34.10%		6-9 PM
99	25.19%		9-12 PM
393	Respondents		

Q123. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Outdoor Tennis

Count	Percent		
16	3.49%		6-8 AM
30	6.54%		8-12 AM
9	1.96%		12-1 PM
54	11.76%		1-4 PM
107	23.31%		4-6 PM
158	34.42%		6-9 PM
85	18.52%		9-12 PM
459	Respondents		

Q124. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Outdoor Soccer

Count	Percent		
12	3.50%		6-8 AM
18	5.25%		8-12 AM
14	4.08%		12-1 PM
39	11.37%		1-4 PM
63	18.37%		4-6 PM
111	32.36%		6-9 PM
86	25.07%		9-12 PM
343	Respondents		

Q125. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Outdoor Walking/Jogging (Track)

Count	Percent		
50	8.46%		6-8 AM
60	10.15%		8-12 AM
21	3.55%		12-1 PM
66	11.17%		1-4 PM
123	20.81%		4-6 PM
169	28.60%		6-9 PM
102	17.26%		9-12 PM
591	Respondents		

Q126. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Racquetball/Handball

Count	Percent		
23	2.01%		Daily
86	7.51%		2-4/week
107	9.34%		Once/week
234	20.44%		Sometimes
695	60.70%		Never
1145	Respondents		

Q127. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Recreational/Leisure Swimming/Aquatics

Count	Percent		
60	5.24%		Daily
127	11.09%		2-4/week
139	12.14%		Once/week
230	20.09%		Sometimes
589	51.44%		Never
1145	Respondents		

Q128. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Rock Climbing (Indoor Climbing Wall)

Count	Percent		
44	3.83%		Daily
85	7.40%		2-4/week
132	11.49%		Once/week
268	23.32%		Sometimes
620	53.96%		Never
1149	Respondents		

Q129. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Roller/Floor Hockey

Count	Percent		
20	1.76%		Daily
32	2.81%		2-4/week
65	5.71%		Once/week
129	11.34%		Sometimes
892	78.38%		Never
1138	Respondents		

Q130. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Table Tennis

Count	Percent		
18	1.57%		Daily
61	5.33%		2-4/week
74	6.47%		Once/week
188	16.43%		Sometimes
803	70.19%		Never
1144	Respondents		

Q131. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Billiards

Count	Percent		
37	3.23%		Daily
66	5.77%		2-4/week
127	11.10%		Once/week
224	19.58%		Sometimes
690	60.31%		Never
1144	Respondents		

Q132. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Social Lounge

Count	Percent		
46	4.03%		Daily
81	7.09%		2-4/week
113	9.89%		Once/week
243	21.28%		Sometimes
659	57.71%		Never
1142	Respondents		

Q133. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Volleyball

Count	Percent		
19	1.67%		Daily
38	3.34%		2-4/week
63	5.54%		Once/week
142	12.49%		Sometimes
875	76.96%		Never
1137	Respondents		

Q134. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Water Aerobics

Count	Percent		
31	2.74%		Daily
69	6.10%		2-4/week
89	7.87%		Once/week
135	11.94%		Sometimes
807	71.35%		Never
1131	Respondents		

Q135. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Weight Machines (Selectorized)

Count	Percent		
98	8.54%		Daily
269	23.45%		2-4/week
147	12.82%		Once/week
149	12.99%		Sometimes
484	42.20%		Never
1147	Respondents		

Q136. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Weight Training (Free Weights)

Count	Percent		
107	9.35%		Daily
263	22.99%		2-4/week
122	10.66%		Once/week
160	13.99%		Sometimes
492	43.01%		Never
1144	Respondents		

Q137. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Yoga, Stretch or Pilates

Count	Percent		
60	5.28%		Daily
163	14.35%		2-4/week
121	10.65%		Once/week
194	17.08%		Sometimes
598	52.64%		Never
1136	Respondents		

Q138. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Racquetball/Handball

Count	Percent		
16	3.34%		6-8 AM
32	6.68%		8-12 AM
23	4.80%		12-1 PM
58	12.11%		1-4 PM
107	22.34%		4-6 PM
155	32.36%		6-9 PM
88	18.37%		9-12 PM
479	Respondents		

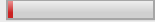
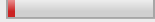
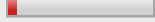
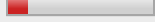
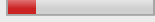
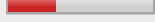
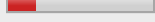
Q139. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Recreational/Leisure Swimming/Aquatics

Count	Percent		
32	5.64%		6-8 AM
50	8.82%		8-12 AM
46	8.11%		12-1 PM
124	21.87%		1-4 PM
101	17.81%		4-6 PM
144	25.40%		6-9 PM
70	12.35%		9-12 PM
567	Respondents		

Q140. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Rock Climbing (Indoor Climbing Wall)

Count	Percent		
24	4.37%		6-8 AM
38	6.92%		8-12 AM
23	4.19%		12-1 PM
74	13.48%		1-4 PM
125	22.77%		4-6 PM
187	34.06%		6-9 PM
78	14.21%		9-12 PM
549	Respondents		

Q141. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Roller/Floor Hockey

Count	Percent		
10	3.26%		6-8 AM
15	4.89%		8-12 AM
18	5.86%		12-1 PM
42	13.68%		1-4 PM
60	19.54%		4-6 PM
102	33.22%		6-9 PM
60	19.54%		9-12 PM
307	Respondents		

Q142. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Table Tennis

Count	Percent		
7	1.83%		6-8 AM
25	6.53%		8-12 AM
20	5.22%		12-1 PM
50	13.05%		1-4 PM
82	21.41%		4-6 PM
131	34.20%		6-9 PM
68	17.75%		9-12 PM
383	Respondents		

Q143. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Billiards

Count	Percent		
9	1.88%		6-8 AM
20	4.18%		8-12 AM
25	5.22%		12-1 PM
69	14.41%		1-4 PM
97	20.25%		4-6 PM
155	32.36%		6-9 PM
104	21.71%		9-12 PM
479	Respondents		

Q144. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Social Lounge

Count	Percent		
7	1.42%		6-8 AM
23	4.66%		8-12 AM
33	6.68%		12-1 PM
73	14.78%		1-4 PM
108	21.86%		4-6 PM
168	34.01%		6-9 PM
82	16.60%		9-12 PM
494	Respondents		

Q145. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Volleyball

Count	Percent		
9	2.81%		6-8 AM
13	4.06%		8-12 AM
16	5.00%		12-1 PM
39	12.19%		1-4 PM
65	20.31%		4-6 PM
114	35.63%		6-9 PM
64	20.00%		9-12 PM
320	Respondents		

Q146. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Water Aerobics

Count	Percent		
24	6.30%		6-8 AM
35	9.19%		8-12 AM
26	6.82%		12-1 PM
53	13.91%		1-4 PM
83	21.78%		4-6 PM
101	26.51%		6-9 PM
59	15.49%		9-12 PM
381	Respondents		

Q147. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Weight Machines (Selectorized)

Count	Percent		
46	7.09%		6-8 AM
70	10.79%		8-12 AM
31	4.78%		12-1 PM
78	12.02%		1-4 PM
138	21.26%		4-6 PM
199	30.66%		6-9 PM
87	13.41%		9-12 PM
649	Respondents		

Q148. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Weight Training (Free Weights)

Count	Percent		
47	7.37%		6-8 AM
65	10.19%		8-12 AM
28	4.39%		12-1 PM
82	12.85%		1-4 PM
137	21.47%		4-6 PM
194	30.41%		6-9 PM
85	13.32%		9-12 PM
638	Respondents		

Q149. If all of the improvements described in the previous section were implemented how often and during which time period would you participate in the following activities? If you select "Never" for any frequency, you do not need to provide an answer for time period. - Yoga, Stretch or Pilates

Count	Percent		
43	7.60%		6-8 AM
59	10.42%		8-12 AM
23	4.06%		12-1 PM
72	12.72%		1-4 PM
132	23.32%		4-6 PM
174	30.74%		6-9 PM
63	11.13%		9-12 PM
566	Respondents		

Q150. If the proposed improvements were made and your selected activity spaces were available, how much time on average would you spend in a new or improved recreational sports facility per visit? (Please SELECT ONE answer)

Count	Percent		
28	2.38%		1/2 hour or less
155	13.16%		1/2 hour to 1 hour
371	31.49%		1 hour to 1 1/2 hours
300	25.47%		1 1/2 hours to 2 hours
229	19.44%		Over 2 hours
95	8.06%		N/A
1178	Respondents		

Q151. How important are the following factors in determining when you would choose to participate in recreational activities? (SELECT ONE) - Academic class schedule

Count	Percent		
865	72.45%		Very important
234	19.60%		Important
52	4.36%		Unimportant
43	3.60%		Very unimportant
1194	Respondents		

Q152. How important are the following factors in determining when you would choose to participate in recreational activities? (SELECT ONE) - Class location

Count	Percent		
343	28.97%		Very important
317	26.77%		Important
321	27.11%		Unimportant
203	17.15%		Very unimportant
1184	Respondents		


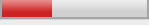
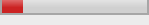
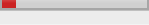
Q153. How important are the following factors in determining when you would choose to participate in recreational activities? (SELECT ONE) - Work schedule

Count	Percent		
628	52.91%		Very important
351	29.57%		Important
96	8.09%		Unimportant
112	9.44%		Very unimportant
1187	Respondents		

Q154. How important are the following factors in determining when you would choose to participate in recreational activities? (SELECT ONE) - Facility availability

Count	Percent		
489	41.41%		Very important
473	40.05%		Important
132	11.18%		Unimportant
87	7.37%		Very unimportant
1181	Respondents		

Q155. How important are the following factors in determining when you would choose to participate in recreational activities? (SELECT ONE) - Program schedules

Count	Percent		
485	41.00%		Very important
411	34.74%		Important
174	14.71%		Unimportant
113	9.55%		Very unimportant
1183	Respondents		

Q156. How important are the following factors in determining when you would choose to participate in recreational activities? (SELECT ONE) - Availability of friends

Count	Percent		
260	22.02%		Very important
365	30.91%		Important
324	27.43%		Unimportant
232	19.64%		Very unimportant
1181	Respondents		

Q157. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Attracting more students to UC Riverside

Count	Percent		
311	26.11%		Significant impact
458	38.46%		Moderate impact
307	25.78%		Little impact
115	9.66%		No impact
1191	Respondents		

Q158. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Retaining more students at UC Riverside

Count	Percent		
250	21.06%		Significant impact
448	37.74%		Moderate impact
346	29.15%		Little impact
143	12.05%		No impact
1187	Respondents		

Q159. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Attracting quality faculty and staff to UC Riverside

Count	Percent		
234	19.70%		Significant impact
403	33.92%		Moderate impact
391	32.91%		Little impact
160	13.47%		No impact
1188	Respondents		

Q160. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Retaining quality faculty and staff at UC Riverside

Count	Percent		
220	18.52%		Significant impact
437	36.78%		Moderate impact
371	31.23%		Little impact
160	13.47%		No impact
1188	Respondents		

Q161. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Making the University a more desirable destination for students

Count	Percent		
444	37.25%		Significant impact
490	41.11%		Moderate impact
176	14.77%		Little impact
82	6.88%		No impact
1192	Respondents		

Q162. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Improving the quality of life at UC Riverside

Count	Percent		
645	54.16%		Significant impact
417	35.01%		Moderate impact
83	6.97%		Little impact
46	3.86%		No impact
1191	Respondents		

Q163. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Improving students' academic success

Count	Percent		
356	29.89%		Significant impact
470	39.46%		Moderate impact
262	22.00%		Little impact
103	8.65%		No impact
1191	Respondents		

Q164. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Increase on campus student employment opportunities

Count	Percent		
442	37.30%		Significant impact
515	43.46%		Moderate impact
151	12.74%		Little impact
77	6.50%		No impact
1185	Respondents		

Q165. To what extent do you feel improvements to recreational sports facilities would have an impact on the following: (Please SELECT ONE answer per improvement) - Increasing time students spend on campus

Count	Percent		
515	43.17%		Significant impact
495	41.49%		Moderate impact
124	10.39%		Little impact
59	4.95%		No impact
1193	Respondents		

Q166. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Provide healthy lifestyle options for UC Riverside students

Count	Percent		
648	59.29%		Very important
378	34.58%		Important
40	3.66%		Unimportant
27	2.47%		Very unimportant
1093	Respondents		

Q167. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Provide opportunities to reduce stress for UC Riverside students

Count	Percent		
598	54.96%		Very important
414	38.05%		Important
49	4.50%		Unimportant
27	2.48%		Very unimportant
1088	Respondents		

Q168. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Expand opportunities for intramurals and sport clubs

Count	Percent		
405	37.19%		Very important
494	45.36%		Important
133	12.21%		Unimportant
57	5.23%		Very unimportant
1089	Respondents		


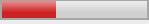
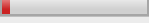
Q169. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Expand opportunities for group fitness (aerobics, yoga, spinning)

Count	Percent		
386	35.77%		Very important
466	43.19%		Important
159	14.74%		Unimportant
68	6.30%		Very unimportant
1079	Respondents		


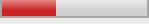
Q170. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Provide highly attractive recreation facilities

Count	Percent		
425	38.96%		Very important
496	45.46%		Important
131	12.01%		Unimportant
39	3.57%		Very unimportant
1091	Respondents		

Q171. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Reduce overcrowding in recreation facilities

Count	Percent		
599	55.00%		Very important
407	37.37%		Important
60	5.51%		Unimportant
23	2.11%		Very unimportant
1089	Respondents		

Q172. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Make living on campus at UC Riverside more desirable

Count	Percent		
553	51.01%		Very important
405	37.36%		Important
92	8.49%		Unimportant
34	3.14%		Very unimportant
1084	Respondents		

Q173. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Retain students at UC Riverside

Count	Percent		
390	35.88%		Very important
452	41.58%		Important
182	16.74%		Unimportant
63	5.80%		Very unimportant
1087	Respondents		

Q174. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Make UC Riverside more attractive to prospective students

Count	Percent		
452	41.66%		Very important
467	43.04%		Important
116	10.69%		Unimportant
50	4.61%		Very unimportant
1085	Respondents		

Q175. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Increase student employment opportunities

Count	Percent		
430	39.70%		Very important
469	43.31%		Important
125	11.54%		Unimportant
59	5.45%		Very unimportant
1083	Respondents		

Q176. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Enhance the campus community

Count	Percent		
492	45.26%		Very important
471	43.33%		Important
78	7.18%		Unimportant
46	4.23%		Very unimportant
1087	Respondents		

Q177. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Expand alcohol-free social opportunities

Count	Percent		
403	37.04%		Very important
418	38.42%		Important
165	15.17%		Unimportant
102	9.38%		Very unimportant
1088	Respondents		

Q178. How important should each of the following factors be to the University as it considers improvements to its recreation facilities: (SELECT ONE answer for each factor) - Keep tuition and fees affordable

Count	Percent		
724	66.48%		Very important
263	24.15%		Important
64	5.88%		Unimportant
38	3.49%		Very unimportant
1089	Respondents		

Q179. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Long-term (quarter) locker rental

Count	Percent		
166	15.29%		Very interested
211	19.43%		Somewhat interested
251	23.11%		Neutral
119	10.96%		Somewhat uninterested
339	31.22%		Very uninterested
1086	Respondents		

Q180. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Daily locker rental

Count	Percent		
123	11.32%		Very interested
205	18.86%		Somewhat interested
298	27.41%		Neutral
134	12.33%		Somewhat uninterested
327	30.08%		Very uninterested
1087	Respondents		

Q181. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Towel service

Count	Percent		
197	18.17%		Very interested
289	26.66%		Somewhat interested
264	24.35%		Neutral
82	7.56%		Somewhat uninterested
252	23.25%		Very uninterested
1084	Respondents		

Q182. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Massage service

Count	Percent		
362	33.33%		Very interested
313	28.82%		Somewhat interested
200	18.42%		Neutral
63	5.80%		Somewhat uninterested
148	13.63%		Very uninterested
1086	Respondents		

Q183. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Equipment rental (racquets, outdoor equip., etc.)

Count	Percent		
288	26.69%		Very interested
336	31.14%		Somewhat interested
229	21.22%		Neutral
71	6.58%		Somewhat uninterested
155	14.37%		Very uninterested
1079	Respondents		

Q184. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Nutrition Instruction / Education

Count	Percent		
323	29.74%		Very interested
318	29.28%		Somewhat interested
245	22.56%		Neutral
80	7.37%		Somewhat uninterested
120	11.05%		Very uninterested
1086	Respondents		

Q185. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Health risk appraisal

Count	Percent		
265	24.54%		Very interested
312	28.89%		Somewhat interested
282	26.11%		Neutral
78	7.22%		Somewhat uninterested
143	13.24%		Very uninterested
1080	Respondents		

Q186. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Sports medicine service (injury prevention, ankle taping, etc.)

Count	Percent		
279	25.76%		Very interested
352	32.50%		Somewhat interested
235	21.70%		Neutral
69	6.37%		Somewhat uninterested
148	13.67%		Very uninterested
1083	Respondents		

Q187. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Small group exercise classes (aerobics, spinning, step, etc.)

Count	Percent		
280	25.81%		Very interested
313	28.85%		Somewhat interested
249	22.95%		Neutral
90	8.29%		Somewhat uninterested
153	14.10%		Very uninterested
1085	Respondents		

Q188. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Buddy training (2-3 people with personal trainer)

Count	Percent		
296	27.26%		Very interested
289	26.61%		Somewhat interested
244	22.47%		Neutral
87	8.01%		Somewhat uninterested
170	15.65%		Very uninterested
1086	Respondents		

Q189. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Personal trainer

Count	Percent		
304	27.92%		Very interested
285	26.17%		Somewhat interested
260	23.88%		Neutral
95	8.72%		Somewhat uninterested
145	13.31%		Very uninterested
1089	Respondents		

Q190. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Fitness assessment

Count	Percent		
320	29.57%		Very interested
336	31.05%		Somewhat interested
229	21.16%		Neutral
71	6.56%		Somewhat uninterested
126	11.65%		Very uninterested
1082	Respondents		

Q191. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Equipment and facility orientation

Count	Percent		
229	21.24%		Very interested
277	25.70%		Somewhat interested
294	27.27%		Neutral
97	9.00%		Somewhat uninterested
181	16.79%		Very uninterested
1078	Respondents		

Q192. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Fitness seminars and workshops

Count	Percent		
231	21.33%		Very interested
288	26.59%		Somewhat interested
298	27.52%		Neutral
98	9.05%		Somewhat uninterested
168	15.51%		Very uninterested
1083	Respondents		

Q193. How interested would you be in the services listed below, assuming the fees for each were reasonable? (Please SELECT ONE answer for each service) - Healthy cooking classes / instruction

Count	Percent		
369	34.20%		Very interested
329	30.49%		Somewhat interested
204	18.91%		Neutral
61	5.65%		Somewhat uninterested
116	10.75%		Very uninterested
1079	Respondents		


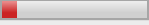
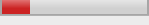
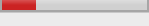
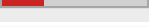
Q194. If the following wellness programs were offered for reasonable fees, which would you participate in? (Please SELECT ONE answer for each program) - Fitness Assessment

Count	Percent		
195	17.92%		Full-Quarter Program
102	9.38%		Half-Quarter Program
156	14.34%		Two Week Program
310	28.49%		Single Session Program
325	29.87%		Would not participate
1088	Respondents		


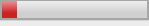
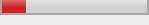
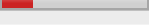
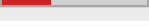
Q195. If the following wellness programs were offered for reasonable fees, which would you participate in? (Please SELECT ONE answer for each program) - Fitness Education/Personal Training

Count	Percent		
299	27.48%		Full-Quarter Program
139	12.78%		Half-Quarter Program
165	15.17%		Two Week Program
145	13.33%		Single Session Program
340	31.25%		Would not participate
1088	Respondents		

Q196. If the following wellness programs were offered for reasonable fees, which would you participate in? (Please SELECT ONE answer for each program) - Nutrition Education

Count	Percent		
184	17.02%		Full-Quarter Program
114	10.55%		Half-Quarter Program
211	19.52%		Two Week Program
257	23.77%		Single Session Program
315	29.14%		Would not participate
1081	Respondents		

Q197. If the following wellness programs were offered for reasonable fees, which would you participate in? (Please SELECT ONE answer for each program) - Stress Management

Count	Percent		
193	17.84%		Full-Quarter Program
114	10.54%		Half-Quarter Program
178	16.45%		Two Week Program
228	21.07%		Single Session Program
369	34.10%		Would not participate
1082	Respondents		


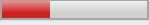
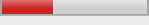
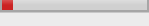
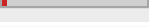
Q198. If the following wellness programs were offered for reasonable fees, which would you participate in? (Please SELECT ONE answer for each program) - Weight Management Program

Count	Percent		
287	26.50%		Full-Quarter Program
105	9.70%		Half-Quarter Program
147	13.57%		Two Week Program
153	14.13%		Single Session Program
391	36.10%		Would not participate
1083	Respondents		


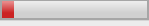
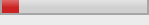
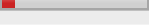
Q199. If the following wellness programs were offered for reasonable fees, which would you participate in? (Please SELECT ONE answer for each program) - Family Programming

Count	Percent		
84	7.80%		Full-Quarter Program
61	5.66%		Half-Quarter Program
80	7.43%		Two Week Program
99	9.19%		Single Session Program
753	69.92%		Would not participate
1077	Respondents		

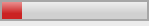
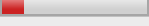
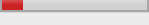

Q200. How high of a priority do you feel new recreational sports and fitness facilities should be for UC Riverside? (SELECT ONE)

Count	Percent		
226	20.45%		Very high priority
367	33.21%		High
392	35.48%		Medium
84	7.60%		Low
36	3.26%		Very low priority
1105	Respondents		

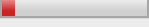
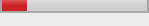
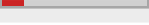
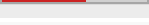
Q201. If you selected a priority of "Low" or "Very Low", why?

Count	Percent		
85	70.83%		The University has more pressing priorities
10	8.33%		I do not work out and am therefore not personally interested
14	11.67%		I workout off campus and am therefore not personally interested
11	9.17%		N/A
120	Respondents		

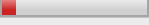
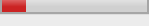
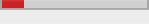
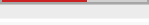
Q202. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Basketball

Count	Percent		
148	13.70%		Very likely
164	15.19%		Somewhat likely
159	14.72%		Not very likely
609	56.39%		Not at all likely
1080	Respondents		

Q203. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Flag Football

Count	Percent		
95	8.81%		Very likely
189	17.53%		Somewhat likely
165	15.31%		Not very likely
629	58.35%		Not at all likely
1078	Respondents		

Q204. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Soccer

Count	Percent		
103	9.55%		Very likely
178	16.51%		Somewhat likely
165	15.31%		Not very likely
632	58.63%		Not at all likely
1078	Respondents		

Q205. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Slow Pitch Softball

Count	Percent		
68	6.32%		Very likely
142	13.20%		Somewhat likely
173	16.08%		Not very likely
693	64.41%		Not at all likely
1076	Respondents		

Q206. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Volleyball

Count	Percent		
103	9.56%		Very likely
184	17.08%		Somewhat likely
166	15.41%		Not very likely
624	57.94%		Not at all likely
1077	Respondents		


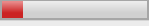
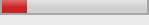

Q207. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Bowling

Count	Percent		
155	14.29%		Very likely
269	24.79%		Somewhat likely
161	14.84%		Not very likely
500	46.08%		Not at all likely
1085	Respondents		

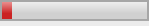
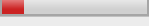
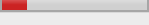

Q208. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Badminton

Count	Percent		
98	9.07%		Very likely
177	16.39%		Somewhat likely
177	16.39%		Not very likely
628	58.15%		Not at all likely
1080	Respondents		

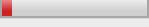
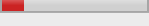
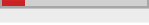

Q209. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Table Tennis

Count	Percent		
85	7.86%		Very likely
158	14.62%		Somewhat likely
185	17.11%		Not very likely
653	60.41%		Not at all likely
1081	Respondents		

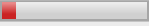
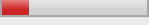
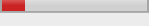

Q210. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Racquetball

Count	Percent		
72	6.71%		Very likely
161	15.00%		Somewhat likely
185	17.24%		Not very likely
655	61.04%		Not at all likely
1073	Respondents		



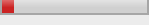
Q211. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Kickball

Count	Percent		
74	6.89%		Very likely
164	15.27%		Somewhat likely
174	16.20%		Not very likely
662	61.64%		Not at all likely
1074	Respondents		

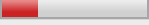

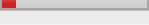
Q212. How likely would you be to participate in the following intramural sports? (SELECT ONE answer per sport) - Dodgeball

Count	Percent		
101	9.39%		Very likely
200	18.59%		Somewhat likely
172	15.99%		Not very likely
603	56.04%		Not at all likely
1076	Respondents		

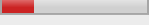

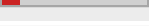
Q213. How would your interest in intramurals be impacted by the following participation formats? (SELECT ONE answer per format) - Student only

Count	Percent		
256	23.79%		Interest would increase
732	68.03%		Interest would stay the same
88	8.18%		Interest would decrease
1076	Respondents		

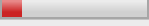

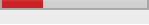
Q214. How would your interest in intramurals be impacted by the following participation formats? (SELECT ONE answer per format) - Undergraduate only/Graduate only

Count	Percent		
265	24.54%		Interest would increase
709	65.65%		Interest would stay the same
106	9.81%		Interest would decrease
1080	Respondents		


Q215. How would your interest in intramurals be impacted by the following participation formats? (SELECT ONE answer per format) - Students and Faculty/Staff

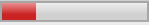
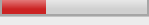
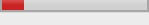
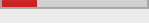
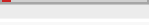
Count	Percent		
240	22.30%		Interest would increase
705	65.52%		Interest would stay the same
131	12.17%		Interest would decrease
1076	Respondents		

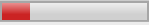
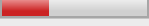
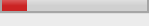
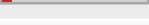
Q216. How would your interest in intramurals be impacted by the following participation formats? (SELECT ONE answer per format) - Single gender only

Count	Percent		
151	14.06%		Interest would increase
620	57.73%		Interest would stay the same
303	28.21%		Interest would decrease
1074	Respondents		


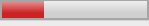
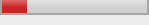
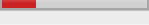
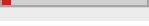
Q217. Are you currently a member of a health club? (SELECT ONE)			
Count	Percent		
909	80.73%		No
86	7.64%		Yes, I belong to 24-Hour Fitness
32	2.84%		Yes, I belong to Bally Total Fitness
10	0.89%		Yes, I belong to YMCA
0	0.00%		Yes, I belong to YWCA
48	4.26%		Yes, I belong to LA Fitness
1	0.09%		Yes, I belong to Curves For Women
40	3.55%		Yes, I belong to (please specify):
1126	Respondents		

Q218. Approximately, how much is your membership fee per month?			
Count	Percent		
214	100.00%		
214	Respondents		


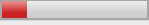
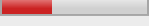
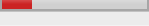
Q219. If you were voting on this project only, how likely would you be to support it? SELECT ONE			
Count	Percent		
261	23.26%		Very likely to support it
342	30.48%		Somewhat likely to support it
172	15.33%		Somewhat unlikely to support it
275	24.51%		Not at all likely to support it
72	6.42%		Don't know/Need more information
1122	Respondents		

Q220. If you were voting on this project only, how likely would you be to support it? SELECT ONE			
Count	Percent		
217	19.38%		Very likely to support it
365	32.59%		Somewhat likely to support it
195	17.41%		Somewhat unlikely to support it
268	23.93%		Not at all likely to support it
75	6.70%		Don't know/Need more information
1120	Respondents		

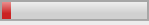
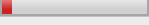
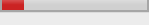
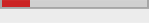
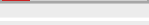
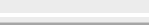
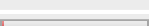

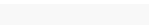
Q221. If you were voting on this project only, how likely would you be to support it? SELECT ONE

Count	Percent		
273	24.31%		Very likely to support it
324	28.85%		Somewhat likely to support it
194	17.28%		Somewhat unlikely to support it
262	23.33%		Not at all likely to support it
70	6.23%		Don't know/Need more information
1123	Respondents		

Q222. If you had to select ONE of the presented concepts, which concept would you choose? (SELECT ONE)

Count	Percent		
304	27.05%		Concept A (Outdoor pool plus a 92,000 square feet addition)
197	17.53%		Concept B (Outdoor pool plus a 70,000 square feet addition)
391	34.79%		Concept C (Outdoor pool plus a 40,000 square feet addition)
232	20.64%		None of the concepts
1124	Respondents		

Q223. If you would NOT support any of the options, please tell the major reasons why? CHECK ALL THAT APPLY

Count	Respondent %	Response %	
49	21.30%	6.63%	 Do/Would not use the Student Recreation Center
53	23.04%	7.17%	 Not interested in expanding the Student Recreation Center
116	50.43%	15.70%	 Not worth the price
143	62.17%	19.35%	 Can't afford the fee
145	63.04%	19.62%	 Fee is too high
121	52.61%	16.37%	 Don't believe students should pay for it
64	27.83%	8.66%	 Satisfied with existing facilities
10	4.35%	1.35%	 Don't know
38	16.52%	5.14%	 Other (please specify)
230	Respondents		
739	Responses		

Q224. What is your age? (SELECT ONE)

Count	Percent		
23	2.04%		17 or under
399	35.44%		18 - 19
263	23.36%		20 - 21
186	16.52%		22 - 24
150	13.32%		25 - 29
76	6.75%		30 - 39
21	1.87%		40 - 49
7	0.62%		50 - 64
1	0.09%		65 or over
1126	Respondents		

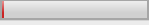
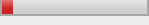
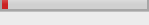
Q225. What is your gender? (SELECT ONE)

Count	Percent		
508	45.32%		Male
613	54.68%		Female
1121	Respondents		

Q226. What is your ethnic background? (SELECT ONE)

Count	Percent		
48	4.27%		African American
3	0.27%		American Indian
439	39.09%		Asian / Pacific Islander
204	18.17%		Hispanic
282	25.11%		White
9	0.80%		Unknown
81	7.21%		Prefer not to answer
57	5.08%		Other (please specify)
1123	Respondents		


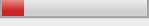
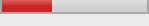
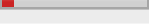
Q227. What is your marital / family status? (SELECT ONE)

Count	Percent		
972	86.71%		Single without children
16	1.43%		Single with children
86	7.67%		Partner / Married without children
47	4.19%		Partner / Married with children
1121	Respondents		

Q228. Where do you currently live?

Count	Percent		
396	35.45%		On-campus
538	48.16%		Independently off-campus
183	16.38%		Home with parent/guardian
1117	Respondents		

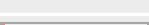
Q229. How do you get to school? (SELECT ONE)

Count	Percent		
477	42.48%		Walking
169	15.05%		Bicycle
387	34.46%		Car/Motorcycle
90	8.01%		Public transportation/Carpool
1123	Respondents		

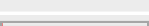
Q230. How long is your commute to campus? (SELECT ONE)

Count	Percent		
282	25.22%		5 minutes or less
321	28.71%		6 to 10 minutes
271	24.24%		11 to 20 minutes
117	10.47%		21 to 30 minutes
127	11.36%		31 minutes or more
1118	Respondents		

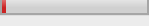
Q231. How are your tuition and expenses funded? (SELECT ALL THAT APPLY)

Count	Respondent %	Response %		
577	51.61%	22.03%		Parental support
315	28.18%	12.03%		Personal savings
337	30.14%	12.87%		Personal income
475	42.49%	18.14%		Student loans
377	33.72%	14.39%		Academic scholarship
5	0.45%	0.19%		Athletic scholarship
475	42.49%	18.14%		Grants
58	5.19%	2.21%		Employer program
1118	Respondents			
2619	Responses			

Q232. What is your class standing? (SELECT ONE)

Count	Percent		
250	22.28%		Freshman
166	14.80%		Sophomore
197	17.56%		Junior
208	18.54%		Senior
290	25.85%		Graduate
4	0.36%		Professional
7	0.62%		Other (please specify)
1122	Respondents		


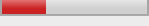
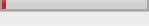
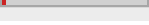
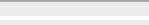
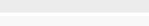
Q233. What is your enrollment status? (SELECT ONE)

Count	Percent		
1086	97.57%		Full time
27	2.43%		Part time
1113	Respondents		

Q234. Generally, how many credit hours do you take per quarter? (SELECT ONE)

Count	Percent		
473	42.16%		15 or more
629	56.06%		12 - 14
11	0.98%		9 - 11
6	0.53%		4 - 8
3	0.27%		1 - 3
1122	Respondents		

Q235. What college or school are you enrolled in? (SELECT ONE)

Count	Percent		
126	11.26%		Bourns College of Engineering
563	50.31%		Colleges of Humanities, Arts & Social Sciences
344	30.74%		College of Natural and Agricultural Sciences
31	2.77%		A. Gary Anderson Graduate School of Management
29	2.59%		Graduate School of Education
8	0.71%		Health Science
18	1.61%		Other (please specify)
1119	Respondents		


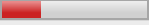
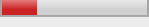
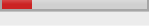
Q236. What is your monthly income from working? (SELECT ONE)

Count	Percent		
529	47.11%		I do not work
86	7.66%		Less than \$200
134	11.93%		\$201 - \$400
80	7.12%		\$401 - \$600
29	2.58%		\$601 - \$800
57	5.08%		\$801 - \$1200
208	18.52%		\$1,201 or more
1123	Respondents		

Q237. What is the average number of hours you work in a week? (SELECT ONE)

Count	Percent		
109	18.32%		Less than 10
244	41.01%		10 to 20
104	17.48%		20 to 30
41	6.89%		30 to 40
97	16.30%		40 or more
595	Respondents		

Q238. What are your primary reasons for working? (SELECT ALL THAT APPLY)

Count	Respondent %	Response %		
333	56.54%	27.30%		To cover my tuition and expenses
331	56.20%	27.13%		To cover a portion of my expenses
298	50.59%	24.43%		For spending money
258	43.80%	21.15%		To gain work experience
589	Respondents			
1220	Responses			

Q239. Please comment here if there is anything else you feel the University should know about your needs or your views concerning improvements to campus recreation and fitness facilities.

Count	Percent	
443	100.00%	
443	Respondents	

Exhibit C

Student Demand Analysis Tables

The following tables include the basis for B&D's demand based programming. The tables for each individual activity calculate the percentage of students using each space at their desired time, and calculates total users and space needs for an estimated 18,000 headcount of students. Depth and breadth tables were also generated from the demand based programming questions which, combined with peak demand from the activity tables, generated B&D's space recommendations.

University of California Riverside
Student Referendum Plan
 STUDENT DEMAND BASED PROGRAM ANALYSIS

29-Jan-09

ACTIVITY: 1 BADMINTON Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	62	22
Daily	8 AM - noon	0.71	0.25	0.18	46	8
Daily	Noon - 1 PM	0.71	1.00	0.71	31	22
Daily	1 - 4 PM	0.71	0.33	0.24	31	7
Daily	4 - 6 PM	0.71	0.50	0.36	46	16
Daily	6 - 9 PM	0.71	0.33	0.24	216	51
Daily	9 PM - Midnight	0.71	0.33	0.24	139	33
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	0	0
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	92	10
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	46	20
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	139	20
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	185	40
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	323	46
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	108	15
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	0	0
Once/Week	8 AM - noon	0.14	0.25	0.04	154	5
Once/Week	Noon - 1 PM	0.14	1.00	0.14	46	6
Once/Week	1 - 4 PM	0.14	0.33	0.05	154	7
Once/Week	4 - 6 PM	0.14	0.50	0.07	370	26
Once/Week	6 - 9 PM	0.14	0.33	0.05	385	18
Once/Week	9 PM - Midnight	0.14	0.33	0.05	139	6
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	77	1
Less than once a week	8 AM - noon	0.03	0.25	0.01	154	1
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	62	2
Less than once a week	1 - 4 PM	0.03	0.33	0.01	354	4
Less than once a week	4 - 6 PM	0.03	0.50	0.02	616	9
Less than once a week	6 - 9 PM	0.03	0.33	0.01	1,017	10
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	416	4
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	169	0
Never	8 AM - noon	0	0.25	0.00	123	0
Never	Noon - 1 PM	0	1.00	0.00	92	0
Never	1 - 4 PM	0	0.33	0.00	185	0
Never	4 - 6 PM	0	0.50	0.00	77	0
Never	6 - 9 PM	0	0.33	0.00	354	0
Never	9 PM - Midnight	0	0.33	0.00	601	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
17	19	38	28	68	94	44

SPACE DEMAND NUMBER OF COURTS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
4	5	9	7	17	24	11

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.
 Intensity Factor = Activity Frequency x Turnover Factor.

* THIS ACTIVITY ASSUMES THAT 4 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.00 HOURS.

ACTIVITY: **2** **CARDIOVASCULAR FITNESS MACHINES** Activity Duration: 0.5 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.25	0.18	354	63
Daily	8 AM - noon	0.71	0.13	0.09	308	27
Daily	Noon - 1 PM	0.71	0.50	0.36	92	33
Daily	1 - 4 PM	0.71	0.17	0.12	169	20
Daily	4 - 6 PM	0.71	0.25	0.18	323	57
Daily	6 - 9 PM	0.71	0.17	0.12	647	77
Daily	9 PM - Midnight	0.71	0.17	0.12	277	33
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.25	0.11	293	31
2-4 Times/Week	8 AM - noon	0.43	0.13	0.05	647	35
2-4 Times/Week	Noon - 1 PM	0.43	0.50	0.22	200	43
2-4 Times/Week	1 - 4 PM	0.43	0.17	0.07	755	54
2-4 Times/Week	4 - 6 PM	0.43	0.25	0.11	1,202	129
2-4 Times/Week	6 - 9 PM	0.43	0.17	0.07	2,064	148
2-4 Times/Week	9 PM - Midnight	0.43	0.17	0.07	678	49
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.25	0.04	46	2
Once/Week	8 AM - noon	0.14	0.13	0.02	123	2
Once/Week	Noon - 1 PM	0.14	0.50	0.07	216	15
Once/Week	1 - 4 PM	0.14	0.17	0.02	339	8
Once/Week	4 - 6 PM	0.14	0.25	0.04	508	18
Once/Week	6 - 9 PM	0.14	0.17	0.02	647	15
Once/Week	9 PM - Midnight	0.14	0.17	0.02	231	5
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.25	0.01	200	2
Less than once a week	8 AM - noon	0.03	0.13	0.00	277	1
Less than once a week	Noon - 1 PM	0.03	0.50	0.02	123	2
Less than once a week	1 - 4 PM	0.03	0.17	0.01	370	2
Less than once a week	4 - 6 PM	0.03	0.25	0.01	555	4
Less than once a week	6 - 9 PM	0.03	0.17	0.01	770	4
Less than once a week	9 PM - Midnight	0.03	0.17	0.01	385	2
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.25	0.00	62	0
Never	8 AM - noon	0	0.13	0.00	31	0
Never	Noon - 1 PM	0	0.50	0.00	0	0
Never	1 - 4 PM	0	0.17	0.00	0	0
Never	4 - 6 PM	0	0.25	0.00	62	0
Never	6 - 9 PM	0	0.17	0.00	62	0
Never	9 PM - Midnight	0	0.17	0.00	216	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
73	49	70	63	156	183	67

SPACE DEMAND NUMBER OF SQ. FT. **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
4,021	2,694	3,828	3,461	8,602	10,042	3,659

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 55 SQUARE FEET PER USER FOR A DURATION OF 0.50 HOURS.

ACTIVITY: 3		GROUP FITNESS			Activity Duration: 1 Hours		
Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection	
Daily	6 - 8 AM	0.71	0.50	0.36	154	55	
Daily	8 AM - noon	0.71	0.25	0.18	185	33	
Daily	Noon - 1 PM	0.71	1.00	0.71	77	55	
Daily	1 - 4 PM	0.71	0.33	0.24	108	26	
Daily	4 - 6 PM	0.71	0.50	0.36	185	66	
Daily	6 - 9 PM	0.71	0.33	0.24	323	77	
Daily	9 PM - Midnight	0.71	0.33	0.24	62	15	
Daily	empty	0.71	0.00	0.00	0	0	
Daily	empty	0.71	0.00	0.00	0	0	
Daily	empty	0.71	0.00	0.00	0	0	
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	200	43	
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	277	30	
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	62	26	
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	478	68	
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	786	169	
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	1,017	146	
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	277	40	
2-4 Times/Week	empty	0.43	0.00	0.00	0	0	
2-4 Times/Week	empty	0.43	0.00	0.00	0	0	
2-4 Times/Week	empty	0.43	0.00	0.00	0	0	
Once/Week	6 - 8 AM	0.14	0.50	0.07	92	6	
Once/Week	8 AM - noon	0.14	0.25	0.04	154	5	
Once/Week	Noon - 1 PM	0.14	1.00	0.14	200	28	
Once/Week	1 - 4 PM	0.14	0.33	0.05	354	17	
Once/Week	4 - 6 PM	0.14	0.50	0.07	632	44	
Once/Week	6 - 9 PM	0.14	0.33	0.05	847	40	
Once/Week	9 PM - Midnight	0.14	0.33	0.05	139	6	
Once/Week	empty	0.14	0.00	0.00	0	0	
Once/Week	empty	0.14	0.00	0.00	0	0	
Once/Week	empty	0.14	0.00	0.00	0	0	
Less than once a week	6 - 8 AM	0.03	0.50	0.02	92	1	
Less than once a week	8 AM - noon	0.03	0.25	0.01	185	1	
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	108	3	
Less than once a week	1 - 4 PM	0.03	0.33	0.01	293	3	
Less than once a week	4 - 6 PM	0.03	0.50	0.02	786	12	
Less than once a week	6 - 9 PM	0.03	0.33	0.01	970	10	
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	385	4	
Less than once a week	empty	0.03	0.00	0.00	0	0	
Less than once a week	empty	0.03	0.00	0.00	0	0	
Less than once a week	empty	0.03	0.00	0.00	0	0	
Never	6 - 8 AM	0	0.50	0.00	123	0	
Never	8 AM - noon	0	0.25	0.00	31	0	
Never	Noon - 1 PM	0	1.00	0.00	0	0	
Never	1 - 4 PM	0	0.33	0.00	62	0	
Never	4 - 6 PM	0	0.50	0.00	92	0	
Never	6 - 9 PM	0	0.33	0.00	169	0	
Never	9 PM - Midnight	0	0.33	0.00	478	0	
Never	empty	0	0.00	0.00	0	0	
Never	empty	0	0.00	0.00	0	0	
Never	empty	0	0.00	0.00	0	0	

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
79	52	84	85	218	204	48

SPACE DEMAND NUMBER OF SQ. FT. **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
3,564	2,342	3,795	3,828	9,805	9,164	2,182

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 45 SQUARE FEET PER USER FOR A DURATION OF 1.00 HOURS.

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29-Jan-09

ACTIVITY: 4 INDOOR BASKETBALL Activity Duration: 1.5 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.75	0.53	62	33
Daily	8 AM - noon	0.71	0.38	0.27	15	4
Daily	Noon - 1 PM	0.71	1.50	1.07	31	33
Daily	1 - 4 PM	0.71	0.50	0.36	46	16
Daily	4 - 6 PM	0.71	0.75	0.53	123	66
Daily	6 - 9 PM	0.71	0.50	0.36	277	98
Daily	9 PM - Midnight	0.71	0.50	0.36	108	38
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.75	0.32	0	0
2-4 Times/Week	8 AM - noon	0.43	0.38	0.16	108	17
2-4 Times/Week	Noon - 1 PM	0.43	1.50	0.65	46	30
2-4 Times/Week	1 - 4 PM	0.43	0.50	0.22	200	43
2-4 Times/Week	4 - 6 PM	0.43	0.75	0.32	216	70
2-4 Times/Week	6 - 9 PM	0.43	0.50	0.22	570	123
2-4 Times/Week	9 PM - Midnight	0.43	0.50	0.22	231	50
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.75	0.11	0	0
Once/Week	8 AM - noon	0.14	0.38	0.05	62	3
Once/Week	Noon - 1 PM	0.14	1.50	0.21	62	13
Once/Week	1 - 4 PM	0.14	0.50	0.07	246	17
Once/Week	4 - 6 PM	0.14	0.75	0.11	262	27
Once/Week	6 - 9 PM	0.14	0.50	0.07	416	29
Once/Week	9 PM - Midnight	0.14	0.50	0.07	185	13
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.75	0.02	15	0
Less than once a week	8 AM - noon	0.03	0.38	0.01	108	1
Less than once a week	Noon - 1 PM	0.03	1.50	0.05	123	6
Less than once a week	1 - 4 PM	0.03	0.50	0.02	323	5
Less than once a week	4 - 6 PM	0.03	0.75	0.02	539	12
Less than once a week	6 - 9 PM	0.03	0.50	0.02	1,140	17
Less than once a week	9 PM - Midnight	0.03	0.50	0.02	246	4
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.75	0.00	108	0
Never	8 AM - noon	0	0.38	0.00	46	0
Never	Noon - 1 PM	0	1.50	0.00	31	0
Never	1 - 4 PM	0	0.50	0.00	139	0
Never	4 - 6 PM	0	0.75	0.00	139	0
Never	6 - 9 PM	0	0.50	0.00	185	0
Never	9 PM - Midnight	0	0.50	0.00	724	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
25	19	61	61	131	200	78

SPACE DEMAND NUMBER OF COURTS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
2	1	4	4	9	13	5

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 15 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.50 HOURS.

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ACTIVITY: 5 INDOOR SOCCER Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	62	22
Daily	8 AM - noon	0.71	0.25	0.18	15	3
Daily	Noon - 1 PM	0.71	1.00	0.71	31	22
Daily	1 - 4 PM	0.71	0.33	0.24	31	7
Daily	4 - 6 PM	0.71	0.50	0.36	31	11
Daily	6 - 9 PM	0.71	0.33	0.24	169	40
Daily	9 PM - Midnight	0.71	0.33	0.24	15	4
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	46	10
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	62	7
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	31	13
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	139	20
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	200	43
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	293	42
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	62	9
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	0	0
Once/Week	8 AM - noon	0.14	0.25	0.04	46	2
Once/Week	Noon - 1 PM	0.14	1.00	0.14	31	4
Once/Week	1 - 4 PM	0.14	0.33	0.05	108	5
Once/Week	4 - 6 PM	0.14	0.50	0.07	277	19
Once/Week	6 - 9 PM	0.14	0.33	0.05	354	17
Once/Week	9 PM - Midnight	0.14	0.33	0.05	62	3
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	0	0
Less than once a week	8 AM - noon	0.03	0.25	0.01	108	1
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	46	1
Less than once a week	1 - 4 PM	0.03	0.33	0.01	169	2
Less than once a week	4 - 6 PM	0.03	0.50	0.02	385	6
Less than once a week	6 - 9 PM	0.03	0.33	0.01	693	7
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	139	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	123	0
Never	8 AM - noon	0	0.25	0.00	77	0
Never	Noon - 1 PM	0	1.00	0.00	46	0
Never	1 - 4 PM	0	0.33	0.00	154	0
Never	4 - 6 PM	0	0.50	0.00	139	0
Never	6 - 9 PM	0	0.33	0.00	416	0
Never	9 PM - Midnight	0	0.33	0.00	1,032	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
24	9	31	25	59	79	13

SPACE DEMAND NUMBER OF COURTS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
2	1	2	2	4	5	1

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 15 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.00 HOURS.

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29-Jan-09

ACTIVITY: 6 INDOOR WALKING / JOGGING (TRACK) Activity Duration: 0.33 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.17	0.12	293	34
Daily	8 AM - noon	0.71	0.08	0.06	139	8
Daily	Noon - 1 PM	0.71	0.33	0.23	15	4
Daily	1 - 4 PM	0.71	0.11	0.08	139	11
Daily	4 - 6 PM	0.71	0.17	0.12	169	20
Daily	6 - 9 PM	0.71	0.11	0.08	385	30
Daily	9 PM - Midnight	0.71	0.11	0.08	169	13
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.17	0.07	262	19
2-4 Times/Week	8 AM - noon	0.43	0.08	0.04	431	15
2-4 Times/Week	Noon - 1 PM	0.43	0.33	0.14	139	20
2-4 Times/Week	1 - 4 PM	0.43	0.11	0.05	493	23
2-4 Times/Week	4 - 6 PM	0.43	0.17	0.07	601	43
2-4 Times/Week	6 - 9 PM	0.43	0.11	0.05	1,001	47
2-4 Times/Week	9 PM - Midnight	0.43	0.11	0.05	339	16
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.17	0.02	77	2
Once/Week	8 AM - noon	0.14	0.08	0.01	108	1
Once/Week	Noon - 1 PM	0.14	0.33	0.05	139	6
Once/Week	1 - 4 PM	0.14	0.11	0.02	200	3
Once/Week	4 - 6 PM	0.14	0.17	0.02	323	7
Once/Week	6 - 9 PM	0.14	0.11	0.02	647	10
Once/Week	9 PM - Midnight	0.14	0.11	0.02	154	2
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.17	0.00	139	1
Less than once a week	8 AM - noon	0.03	0.08	0.00	277	1
Less than once a week	Noon - 1 PM	0.03	0.33	0.01	31	0
Less than once a week	1 - 4 PM	0.03	0.11	0.00	323	1
Less than once a week	4 - 6 PM	0.03	0.17	0.00	616	3
Less than once a week	6 - 9 PM	0.03	0.11	0.00	755	2
Less than once a week	9 PM - Midnight	0.03	0.11	0.00	293	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.17	0.00	108	0
Never	8 AM - noon	0	0.08	0.00	46	0
Never	Noon - 1 PM	0	0.33	0.00	31	0
Never	1 - 4 PM	0	0.11	0.00	92	0
Never	4 - 6 PM	0	0.17	0.00	92	0
Never	6 - 9 PM	0	0.11	0.00	169	0
Never	9 PM - Midnight	0	0.11	0.00	601	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
41	19	22	29	55	67	24

SPACE DEMAND NUMBER OF SQ. FT. **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
4,980	2,282	2,699	3,447	6,570	8,090	2,934

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 120 SQUARE FEET PER USER FOR A DURATION OF 0.33 HOURS.

ACTIVITY: **7** **LAP SWIMMING** Activity Duration: 0.5 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.25	0.18	200	36
Daily	8 AM - noon	0.71	0.13	0.09	200	18
Daily	Noon - 1 PM	0.71	0.50	0.36	77	27
Daily	1 - 4 PM	0.71	0.17	0.12	185	22
Daily	4 - 6 PM	0.71	0.25	0.18	139	25
Daily	6 - 9 PM	0.71	0.17	0.12	354	42
Daily	9 PM - Midnight	0.71	0.17	0.12	92	11
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.25	0.11	262	28
2-4 Times/Week	8 AM - noon	0.43	0.13	0.05	370	20
2-4 Times/Week	Noon - 1 PM	0.43	0.50	0.22	139	30
2-4 Times/Week	1 - 4 PM	0.43	0.17	0.07	524	38
2-4 Times/Week	4 - 6 PM	0.43	0.25	0.11	385	41
2-4 Times/Week	6 - 9 PM	0.43	0.17	0.07	585	42
2-4 Times/Week	9 PM - Midnight	0.43	0.17	0.07	231	17
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.25	0.04	139	5
Once/Week	8 AM - noon	0.14	0.13	0.02	200	4
Once/Week	Noon - 1 PM	0.14	0.50	0.07	185	13
Once/Week	1 - 4 PM	0.14	0.17	0.02	416	10
Once/Week	4 - 6 PM	0.14	0.25	0.04	293	10
Once/Week	6 - 9 PM	0.14	0.17	0.02	431	10
Once/Week	9 PM - Midnight	0.14	0.17	0.02	139	3
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.25	0.01	200	2
Less than once a week	8 AM - noon	0.03	0.13	0.00	216	1
Less than once a week	Noon - 1 PM	0.03	0.50	0.02	123	2
Less than once a week	1 - 4 PM	0.03	0.17	0.01	493	2
Less than once a week	4 - 6 PM	0.03	0.25	0.01	508	4
Less than once a week	6 - 9 PM	0.03	0.17	0.01	709	4
Less than once a week	9 PM - Midnight	0.03	0.17	0.01	293	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.25	0.00	77	0
Never	8 AM - noon	0	0.13	0.00	46	0
Never	Noon - 1 PM	0	0.50	0.00	31	0
Never	1 - 4 PM	0	0.17	0.00	123	0
Never	4 - 6 PM	0	0.25	0.00	92	0
Never	6 - 9 PM	0	0.17	0.00	216	0
Never	9 PM - Midnight	0	0.17	0.00	616	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
53	31	54	54	60	73	24

SPACE DEMAND

NUMBER OF LANES **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
18	10	18	18	20	24	8

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 3 USERS WILL OCCUPY EACH LANE AND BE OCCUPIED FOR 0.50 HOURS.

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ACTIVITY: 8 MARTIAL ARTS		Activity Duration: 1 Hours				
Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	46	16
Daily	8 AM - noon	0.71	0.25	0.18	31	5
Daily	Noon - 1 PM	0.71	1.00	0.71	15	11
Daily	1 - 4 PM	0.71	0.33	0.24	46	11
Daily	4 - 6 PM	0.71	0.50	0.36	77	27
Daily	6 - 9 PM	0.71	0.33	0.24	154	36
Daily	9 PM - Midnight	0.71	0.33	0.24	46	11
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	46	10
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	46	5
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	31	13
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	123	18
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	139	30
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	339	49
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	123	18
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	46	3
Once/Week	8 AM - noon	0.14	0.25	0.04	108	4
Once/Week	Noon - 1 PM	0.14	1.00	0.14	77	11
Once/Week	1 - 4 PM	0.14	0.33	0.05	169	8
Once/Week	4 - 6 PM	0.14	0.50	0.07	231	16
Once/Week	6 - 9 PM	0.14	0.33	0.05	354	17
Once/Week	9 PM - Midnight	0.14	0.33	0.05	92	4
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	31	0
Less than once a week	8 AM - noon	0.03	0.25	0.01	108	1
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	46	1
Less than once a week	1 - 4 PM	0.03	0.33	0.01	169	2
Less than once a week	4 - 6 PM	0.03	0.50	0.02	370	6
Less than once a week	6 - 9 PM	0.03	0.33	0.01	724	7
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	123	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	123	0
Never	8 AM - noon	0	0.25	0.00	46	0
Never	Noon - 1 PM	0	1.00	0.00	31	0
Never	1 - 4 PM	0	0.33	0.00	92	0
Never	4 - 6 PM	0	0.50	0.00	123	0
Never	6 - 9 PM	0	0.33	0.00	308	0
Never	9 PM - Midnight	0	0.33	0.00	1,063	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
23	11	27	29	59	82	26

SPACE DEMAND

NUMBER OF SQ. FT. **						
6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
1,352	676	1,636	1,719	3,549	4,896	1,537

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 60 SQUARE FEET PER USER FOR A DURATION OF 1.00 HOURS.

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ACTIVITY: 9 OUTDOOR BASKETBALL Activity Duration: 1.5 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.75	0.53	62	33
Daily	8 AM - noon	0.71	0.38	0.27	15	4
Daily	Noon - 1 PM	0.71	1.50	1.07	15	16
Daily	1- 4 PM	0.71	0.50	0.36	31	11
Daily	4 - 6 PM	0.71	0.75	0.53	31	16
Daily	6 - 9 PM	0.71	0.50	0.36	123	44
Daily	9 PM - Midnight	0.71	0.50	0.36	31	11
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.75	0.32	15	5
2-4 Times/Week	8 AM - noon	0.43	0.38	0.16	92	15
2-4 Times/Week	Noon - 1 PM	0.43	1.50	0.65	31	20
2-4 Times/Week	1- 4 PM	0.43	0.50	0.22	123	26
2-4 Times/Week	4 - 6 PM	0.43	0.75	0.32	185	60
2-4 Times/Week	6 - 9 PM	0.43	0.50	0.22	308	66
2-4 Times/Week	9 PM - Midnight	0.43	0.50	0.22	169	36
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.75	0.11	0	0
Once/Week	8 AM - noon	0.14	0.38	0.05	46	2
Once/Week	Noon - 1 PM	0.14	1.50	0.21	31	6
Once/Week	1- 4 PM	0.14	0.50	0.07	231	16
Once/Week	4 - 6 PM	0.14	0.75	0.11	185	19
Once/Week	6 - 9 PM	0.14	0.50	0.07	416	29
Once/Week	9 PM - Midnight	0.14	0.50	0.07	77	5
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.75	0.02	0	0
Less than once a week	8 AM - noon	0.03	0.38	0.01	62	1
Less than once a week	Noon - 1 PM	0.03	1.50	0.05	46	2
Less than once a week	1- 4 PM	0.03	0.50	0.02	308	5
Less than once a week	4 - 6 PM	0.03	0.75	0.02	478	11
Less than once a week	6 - 9 PM	0.03	0.50	0.02	955	14
Less than once a week	9 PM - Midnight	0.03	0.50	0.02	246	4
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.75	0.00	123	0
Never	8 AM - noon	0	0.38	0.00	62	0
Never	Noon - 1 PM	0	1.50	0.00	31	0
Never	1- 4 PM	0	0.50	0.00	92	0
Never	4 - 6 PM	0	0.75	0.00	154	0
Never	6 - 9 PM	0	0.50	0.00	262	0
Never	9 PM - Midnight	0	0.50	0.00	970	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
28	17	34	44	80	115	42

SPACE DEMAND NUMBER OF COURTS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
2	1	2	3	5	8	3

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 15 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.50 HOURS.

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ACTIVITY: 10 OUTDOOR TENNIS Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	77	27
Daily	8 AM - noon	0.71	0.25	0.18	15	3
Daily	Noon - 1 PM	0.71	1.00	0.71	0	0
Daily	1 - 4 PM	0.71	0.33	0.24	31	7
Daily	4 - 6 PM	0.71	0.50	0.36	108	38
Daily	6 - 9 PM	0.71	0.33	0.24	200	47
Daily	9 PM - Midnight	0.71	0.33	0.24	31	7
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	15	3
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	169	18
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	31	13
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	200	29
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	308	66
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	385	55
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	123	18
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	0	0
Once/Week	8 AM - noon	0.14	0.25	0.04	62	2
Once/Week	Noon - 1 PM	0.14	1.00	0.14	31	4
Once/Week	1 - 4 PM	0.14	0.33	0.05	231	11
Once/Week	4 - 6 PM	0.14	0.50	0.07	447	31
Once/Week	6 - 9 PM	0.14	0.33	0.05	539	25
Once/Week	9 PM - Midnight	0.14	0.33	0.05	92	4
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	15	0
Less than once a week	8 AM - noon	0.03	0.25	0.01	169	1
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	31	1
Less than once a week	1 - 4 PM	0.03	0.33	0.01	246	2
Less than once a week	4 - 6 PM	0.03	0.50	0.02	662	10
Less than once a week	6 - 9 PM	0.03	0.33	0.01	1,125	11
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	354	4
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	139	0
Never	8 AM - noon	0	0.25	0.00	46	0
Never	Noon - 1 PM	0	1.00	0.00	46	0
Never	1 - 4 PM	0	0.33	0.00	123	0
Never	4 - 6 PM	0	0.50	0.00	123	0
Never	6 - 9 PM	0	0.33	0.00	169	0
Never	9 PM - Midnight	0	0.33	0.00	693	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
23	18	14	37	109	104	25

SPACE DEMAND NUMBER OF COURTS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
6	5	3	9	27	26	6

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 4 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.00 HOURS.

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ACTIVITY: 11 OUTDOOR SOCCER Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	31	11
Daily	8 AM - noon	0.71	0.25	0.18	15	3
Daily	Noon - 1 PM	0.71	1.00	0.71	31	22
Daily	1 - 4 PM	0.71	0.33	0.24	15	4
Daily	4 - 6 PM	0.71	0.50	0.36	15	5
Daily	6 - 9 PM	0.71	0.33	0.24	108	26
Daily	9 PM - Midnight	0.71	0.33	0.24	15	4
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	0	0
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	46	5
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	46	20
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	108	15
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	200	43
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	246	35
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	92	13
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	15	1
Once/Week	8 AM - noon	0.14	0.25	0.04	62	2
Once/Week	Noon - 1 PM	0.14	1.00	0.14	77	11
Once/Week	1 - 4 PM	0.14	0.33	0.05	139	6
Once/Week	4 - 6 PM	0.14	0.50	0.07	277	19
Once/Week	6 - 9 PM	0.14	0.33	0.05	508	24
Once/Week	9 PM - Midnight	0.14	0.33	0.05	15	1
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	0	0
Less than once a week	8 AM - noon	0.03	0.25	0.01	108	1
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	31	1
Less than once a week	1 - 4 PM	0.03	0.33	0.01	185	2
Less than once a week	4 - 6 PM	0.03	0.50	0.02	308	5
Less than once a week	6 - 9 PM	0.03	0.33	0.01	555	6
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	92	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	139	0
Never	8 AM - noon	0	0.25	0.00	46	0
Never	Noon - 1 PM	0	1.00	0.00	31	0
Never	1 - 4 PM	0	0.33	0.00	154	0
Never	4 - 6 PM	0	0.50	0.00	169	0
Never	6 - 9 PM	0	0.33	0.00	262	0
Never	9 PM - Midnight	0	0.33	0.00	1,094	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
9	8	40	21	54	68	14

SPACE DEMAND NUMBER OF FIELDS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
1	1	3	1	4	5	1

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 15 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.00 HOURS.

ACTIVITY: 12 OUTDOOR WALKING / JOGGING (TRACK) Activity Duration: 0.333 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.17	0.12	231	27
Daily	8 AM - noon	0.71	0.08	0.06	108	6
Daily	Noon - 1 PM	0.71	0.33	0.24	15	4
Daily	1- 4 PM	0.71	0.11	0.08	123	10
Daily	4 - 6 PM	0.71	0.17	0.12	154	18
Daily	6 - 9 PM	0.71	0.11	0.08	370	29
Daily	9 PM - Midnight	0.71	0.11	0.08	108	8
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.17	0.07	200	14
2-4 Times/Week	8 AM - noon	0.43	0.08	0.04	308	11
2-4 Times/Week	Noon - 1 PM	0.43	0.33	0.14	108	15
2-4 Times/Week	1- 4 PM	0.43	0.11	0.05	200	10
2-4 Times/Week	4 - 6 PM	0.43	0.17	0.07	385	28
2-4 Times/Week	6 - 9 PM	0.43	0.11	0.05	616	29
2-4 Times/Week	9 PM - Midnight	0.43	0.11	0.05	246	12
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.17	0.02	46	1
Once/Week	8 AM - noon	0.14	0.08	0.01	185	2
Once/Week	Noon - 1 PM	0.14	0.33	0.05	108	5
Once/Week	1- 4 PM	0.14	0.11	0.02	354	6
Once/Week	4 - 6 PM	0.14	0.17	0.02	539	13
Once/Week	6 - 9 PM	0.14	0.11	0.02	508	8
Once/Week	9 PM - Midnight	0.14	0.11	0.02	185	3
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.17	0.00	169	1
Less than once a week	8 AM - noon	0.03	0.08	0.00	262	1
Less than once a week	Noon - 1 PM	0.03	0.33	0.01	77	1
Less than once a week	1- 4 PM	0.03	0.11	0.00	246	1
Less than once a week	4 - 6 PM	0.03	0.17	0.00	724	4
Less than once a week	6 - 9 PM	0.03	0.11	0.00	1,001	3
Less than once a week	9 PM - Midnight	0.03	0.11	0.00	354	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.17	0.00	123	0
Never	8 AM - noon	0	0.08	0.00	62	0
Never	Noon - 1 PM	0	0.33	0.00	15	0
Never	1- 4 PM	0	0.11	0.00	92	0
Never	4 - 6 PM	0	0.17	0.00	77	0
Never	6 - 9 PM	0	0.11	0.00	108	0
Never	9 PM - Midnight	0	0.11	0.00	662	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
33	15	19	19	46	52	18

SPACE DEMAND

NUMBER OF LANES **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
4	2	2	2	6	7	2

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 8 USERS WILL OCCUPY EACH LANE OF A 1/4-MILE TRACK AND BE OCCUPIED FOR 0.33 HOURS

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ACTIVITY: 13 RACQUETBALL / HANDBALL Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	62	22
Daily	8 AM - noon	0.71	0.25	0.18	46	8
Daily	Noon - 1 PM	0.71	1.00	0.71	15	11
Daily	1 - 4 PM	0.71	0.33	0.24	31	7
Daily	4 - 6 PM	0.71	0.50	0.36	46	16
Daily	6 - 9 PM	0.71	0.33	0.24	92	22
Daily	9 PM - Midnight	0.71	0.33	0.24	46	11
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	46	10
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	62	7
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	123	53
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	169	24
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	231	50
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	478	68
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	154	22
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	15	1
Once/Week	8 AM - noon	0.14	0.25	0.04	123	4
Once/Week	Noon - 1 PM	0.14	1.00	0.14	77	11
Once/Week	1 - 4 PM	0.14	0.33	0.05	277	13
Once/Week	4 - 6 PM	0.14	0.50	0.07	385	27
Once/Week	6 - 9 PM	0.14	0.33	0.05	493	23
Once/Week	9 PM - Midnight	0.14	0.33	0.05	246	12
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	46	1
Less than once a week	8 AM - noon	0.03	0.25	0.01	231	2
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	77	2
Less than once a week	1 - 4 PM	0.03	0.33	0.01	339	3
Less than once a week	4 - 6 PM	0.03	0.50	0.02	924	14
Less than once a week	6 - 9 PM	0.03	0.33	0.01	1,155	12
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	478	5
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	77	0
Never	8 AM - noon	0	0.25	0.00	31	0
Never	Noon - 1 PM	0	1.00	0.00	62	0
Never	1 - 4 PM	0	0.33	0.00	77	0
Never	4 - 6 PM	0	0.50	0.00	62	0
Never	6 - 9 PM	0	0.33	0.00	123	0
Never	9 PM - Midnight	0	0.33	0.00	416	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
25	16	58	36	80	94	37

SPACE DEMAND NUMBER OF COURTS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
6	4	14	9	20	23	9

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 4 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.00 HOURS.

ACTIVITY: 14 RECREATIONAL / LEISURE SWIMMING Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	108	38
Daily	8 AM - noon	0.71	0.25	0.18	154	27
Daily	Noon - 1 PM	0.71	1.00	0.71	46	33
Daily	1 - 4 PM	0.71	0.33	0.24	185	44
Daily	4 - 6 PM	0.71	0.50	0.36	62	22
Daily	6 - 9 PM	0.71	0.33	0.24	169	40
Daily	9 PM - Midnight	0.71	0.33	0.24	92	22
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	139	30
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	216	23
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	108	46
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	401	57
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	277	60
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	524	75
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	139	20
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	62	4
Once/Week	8 AM - noon	0.14	0.25	0.04	154	5
Once/Week	Noon - 1 PM	0.14	1.00	0.14	246	35
Once/Week	1 - 4 PM	0.14	0.33	0.05	401	19
Once/Week	4 - 6 PM	0.14	0.50	0.07	370	26
Once/Week	6 - 9 PM	0.14	0.33	0.05	539	25
Once/Week	9 PM - Midnight	0.14	0.33	0.05	185	9
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	123	2
Less than once a week	8 AM - noon	0.03	0.25	0.01	216	2
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	277	8
Less than once a week	1 - 4 PM	0.03	0.33	0.01	847	8
Less than once a week	4 - 6 PM	0.03	0.50	0.02	739	11
Less than once a week	6 - 9 PM	0.03	0.33	0.01	801	8
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	277	3
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	62	0
Never	8 AM - noon	0	0.25	0.00	31	0
Never	Noon - 1 PM	0	1.00	0.00	31	0
Never	1 - 4 PM	0	0.33	0.00	62	0
Never	4 - 6 PM	0	0.50	0.00	92	0
Never	6 - 9 PM	0	0.33	0.00	154	0
Never	9 PM - Midnight	0	0.33	0.00	370	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
56	43	92	96	89	111	40

SPACE DEMAND NUMBER OF SQ. FT. **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
4,177	3,236	6,863	7,218	6,663	8,344	2,989

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 75 SQUARE FEET PER USER FOR A DURATION OF 1.00 HOURS.

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ACTIVITY: 15 ROCK CLIMBING (INDOOR CLIMBING WALL) Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	108	38
Daily	8 AM - noon	0.71	0.25	0.18	46	8
Daily	Noon - 1 PM	0.71	1.00	0.71	62	44
Daily	1 - 4 PM	0.71	0.33	0.24	31	7
Daily	4 - 6 PM	0.71	0.50	0.36	139	49
Daily	6 - 9 PM	0.71	0.33	0.24	139	33
Daily	9 PM - Midnight	0.71	0.33	0.24	46	11
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	46	10
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	46	5
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	92	40
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	123	18
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	308	66
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	462	66
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	108	15
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	46	3
Once/Week	8 AM - noon	0.14	0.25	0.04	77	3
Once/Week	Noon - 1 PM	0.14	1.00	0.14	92	13
Once/Week	1 - 4 PM	0.14	0.33	0.05	354	17
Once/Week	4 - 6 PM	0.14	0.50	0.07	493	35
Once/Week	6 - 9 PM	0.14	0.33	0.05	632	29
Once/Week	9 PM - Midnight	0.14	0.33	0.05	246	12
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	92	1
Less than once a week	8 AM - noon	0.03	0.25	0.01	370	3
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	62	2
Less than once a week	1 - 4 PM	0.03	0.33	0.01	524	5
Less than once a week	4 - 6 PM	0.03	0.50	0.02	924	14
Less than once a week	6 - 9 PM	0.03	0.33	0.01	1,510	15
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	277	3
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	62	0
Never	8 AM - noon	0	0.25	0.00	46	0
Never	Noon - 1 PM	0	1.00	0.00	46	0
Never	1 - 4 PM	0	0.33	0.00	108	0
Never	4 - 6 PM	0	0.50	0.00	62	0
Never	6 - 9 PM	0	0.33	0.00	123	0
Never	9 PM - Midnight	0	0.33	0.00	493	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
40	14	74	35	123	108	31

SPACE DEMAND NUMBER OF LINEAR FEET **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
20	7	37	18	61	54	15

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 2 USERS WILL OCCUPY EACH LINEAR FOOT OF WALL AND BE OCCUPIED FOR 1.00 HOURS.

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ACTIVITY: 16 ROLLER / FLOOR HOCKEY Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	31	11
Daily	8 AM - noon	0.71	0.25	0.18	0	0
Daily	Noon - 1 PM	0.71	1.00	0.71	15	11
Daily	1 - 4 PM	0.71	0.33	0.24	31	7
Daily	4 - 6 PM	0.71	0.50	0.36	77	27
Daily	6 - 9 PM	0.71	0.33	0.24	108	26
Daily	9 PM - Midnight	0.71	0.33	0.24	15	4
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	15	3
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	46	5
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	62	26
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	77	11
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	62	13
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	216	31
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	15	2
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	15	1
Once/Week	8 AM - noon	0.14	0.25	0.04	77	3
Once/Week	Noon - 1 PM	0.14	1.00	0.14	62	9
Once/Week	1 - 4 PM	0.14	0.33	0.05	216	10
Once/Week	4 - 6 PM	0.14	0.50	0.07	169	12
Once/Week	6 - 9 PM	0.14	0.33	0.05	277	13
Once/Week	9 PM - Midnight	0.14	0.33	0.05	123	6
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	15	0
Less than once a week	8 AM - noon	0.03	0.25	0.01	77	1
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	77	2
Less than once a week	1 - 4 PM	0.03	0.33	0.01	231	2
Less than once a week	4 - 6 PM	0.03	0.50	0.02	462	7
Less than once a week	6 - 9 PM	0.03	0.33	0.01	739	7
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	108	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	77	0
Never	8 AM - noon	0	0.25	0.00	31	0
Never	Noon - 1 PM	0	1.00	0.00	62	0
Never	1 - 4 PM	0	0.33	0.00	92	0
Never	4 - 6 PM	0	0.50	0.00	139	0
Never	6 - 9 PM	0	0.33	0.00	231	0
Never	9 PM - Midnight	0	0.33	0.00	647	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
12	6	36	23	45	58	10

SPACE DEMAND NUMBER OF COURTS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
1	0	2	2	3	4	1

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 15 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.00 HOURS.

ACTIVITY: 17 TABLE TENNIS Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	31	11
Daily	8 AM - noon	0.71	0.25	0.18	31	5
Daily	Noon - 1 PM	0.71	1.00	0.71	15	11
Daily	1 - 4 PM	0.71	0.33	0.24	62	15
Daily	4 - 6 PM	0.71	0.50	0.36	77	27
Daily	6 - 9 PM	0.71	0.33	0.24	31	7
Daily	9 PM - Midnight	0.71	0.33	0.24	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	0	0
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	77	8
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	77	33
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	139	20
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	185	40
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	293	42
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	77	11
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	0	0
Once/Week	8 AM - noon	0.14	0.25	0.04	77	3
Once/Week	Noon - 1 PM	0.14	1.00	0.14	62	9
Once/Week	1 - 4 PM	0.14	0.33	0.05	185	9
Once/Week	4 - 6 PM	0.14	0.50	0.07	216	15
Once/Week	6 - 9 PM	0.14	0.33	0.05	370	17
Once/Week	9 PM - Midnight	0.14	0.33	0.05	154	7
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	31	0
Less than once a week	8 AM - noon	0.03	0.25	0.01	154	1
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	92	3
Less than once a week	1 - 4 PM	0.03	0.33	0.01	293	3
Less than once a week	4 - 6 PM	0.03	0.50	0.02	616	9
Less than once a week	6 - 9 PM	0.03	0.33	0.01	1,094	11
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	308	3
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	46	0
Never	8 AM - noon	0	0.25	0.00	46	0
Never	Noon - 1 PM	0	1.00	0.00	62	0
Never	1 - 4 PM	0	0.33	0.00	92	0
Never	4 - 6 PM	0	0.50	0.00	169	0
Never	6 - 9 PM	0	0.33	0.00	231	0
Never	9 PM - Midnight	0	0.33	0.00	493	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
9	13	42	35	69	58	16

SPACE DEMAND NUMBER OF TABLES **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
2	3	10	9	17	15	4

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.
 * Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 4 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.00 HOURS.

ACTIVITY: 18		BILLIARDS			Activity Duration: 1 Hours		
Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection	
Daily	6 - 8 AM	0.71	0.50	0.36	31	11	
Daily	8 AM - noon	0.71	0.25	0.18	31	5	
Daily	Noon - 1 PM	0.71	1.00	0.71	46	33	
Daily	1 - 4 PM	0.71	0.33	0.24	92	22	
Daily	4 - 6 PM	0.71	0.50	0.36	92	33	
Daily	6 - 9 PM	0.71	0.33	0.24	108	26	
Daily	9 PM - Midnight	0.71	0.33	0.24	123	29	
Daily	empty	0.71	0.00	0.00	0	0	
Daily	empty	0.71	0.00	0.00	0	0	
Daily	empty	0.71	0.00	0.00	0	0	
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	0	0	
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	15	2	
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	77	33	
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	216	31	
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	185	40	
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	385	55	
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	108	15	
2-4 Times/Week	empty	0.43	0.00	0.00	0	0	
2-4 Times/Week	empty	0.43	0.00	0.00	0	0	
2-4 Times/Week	empty	0.43	0.00	0.00	0	0	
Once/Week	6 - 8 AM	0.14	0.50	0.07	0	0	
Once/Week	8 AM - noon	0.14	0.25	0.04	92	3	
Once/Week	Noon - 1 PM	0.14	1.00	0.14	77	11	
Once/Week	1 - 4 PM	0.14	0.33	0.05	277	13	
Once/Week	4 - 6 PM	0.14	0.50	0.07	385	27	
Once/Week	6 - 9 PM	0.14	0.33	0.05	662	31	
Once/Week	9 PM - Midnight	0.14	0.33	0.05	262	12	
Once/Week	empty	0.14	0.00	0.00	0	0	
Once/Week	empty	0.14	0.00	0.00	0	0	
Once/Week	empty	0.14	0.00	0.00	0	0	
Less than once a week	6 - 8 AM	0.03	0.50	0.02	31	0	
Less than once a week	8 AM - noon	0.03	0.25	0.01	169	1	
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	139	4	
Less than once a week	1 - 4 PM	0.03	0.33	0.01	401	4	
Less than once a week	4 - 6 PM	0.03	0.50	0.02	662	10	
Less than once a week	6 - 9 PM	0.03	0.33	0.01	1,047	10	
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	662	7	
Less than once a week	empty	0.03	0.00	0.00	0	0	
Less than once a week	empty	0.03	0.00	0.00	0	0	
Less than once a week	empty	0.03	0.00	0.00	0	0	
Never	6 - 8 AM	0	0.50	0.00	77	0	
Never	8 AM - noon	0	0.25	0.00	0	0	
Never	Noon - 1 PM	0	1.00	0.00	46	0	
Never	1 - 4 PM	0	0.33	0.00	62	0	
Never	4 - 6 PM	0	0.50	0.00	169	0	
Never	6 - 9 PM	0	0.33	0.00	169	0	
Never	9 PM - Midnight	0	0.33	0.00	431	0	
Never	empty	0	0.00	0.00	0	0	
Never	empty	0	0.00	0.00	0	0	
Never	empty	0	0.00	0.00	0	0	

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
9	9	61	52	82	92	48

SPACE DEMAND

NUMBER OF TABLES **						
6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
2	2	15	13	21	23	12

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 4 USERS WILL OCCUPY EACH TABLE AND BE OCCUPIED FOR 1.00 HOURS.

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ACTIVITY: 19 SOCIAL LOUNGE Activity Duration: 1.5 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.75	0.53	31	16
Daily	8 AM - noon	0.71	0.38	0.27	31	8
Daily	Noon - 1 PM	0.71	1.50	1.07	77	82
Daily	1- 4 PM	0.71	0.50	0.36	108	38
Daily	4 - 6 PM	0.71	0.75	0.53	139	74
Daily	6 - 9 PM	0.71	0.50	0.36	139	49
Daily	9 PM - Midnight	0.71	0.50	0.36	77	27
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.75	0.32	15	5
2-4 Times/Week	8 AM - noon	0.43	0.38	0.16	46	7
2-4 Times/Week	Noon - 1 PM	0.43	1.50	0.65	77	50
2-4 Times/Week	1- 4 PM	0.43	0.50	0.22	200	43
2-4 Times/Week	4 - 6 PM	0.43	0.75	0.32	185	60
2-4 Times/Week	6 - 9 PM	0.43	0.50	0.22	539	116
2-4 Times/Week	9 PM - Midnight	0.43	0.50	0.22	123	26
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.75	0.11	0	0
Once/Week	8 AM - noon	0.14	0.38	0.05	92	5
Once/Week	Noon - 1 PM	0.14	1.50	0.21	123	26
Once/Week	1- 4 PM	0.14	0.50	0.07	200	14
Once/Week	4 - 6 PM	0.14	0.75	0.11	401	42
Once/Week	6 - 9 PM	0.14	0.50	0.07	570	40
Once/Week	9 PM - Midnight	0.14	0.50	0.07	216	15
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.75	0.02	15	0
Less than once a week	8 AM - noon	0.03	0.38	0.01	185	2
Less than once a week	Noon - 1 PM	0.03	1.50	0.05	169	8
Less than once a week	1- 4 PM	0.03	0.50	0.02	539	8
Less than once a week	4 - 6 PM	0.03	0.75	0.02	832	19
Less than once a week	6 - 9 PM	0.03	0.50	0.02	1,217	18
Less than once a week	9 PM - Midnight	0.03	0.50	0.02	478	7
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.75	0.00	46	0
Never	8 AM - noon	0	0.38	0.00	0	0
Never	Noon - 1 PM	0	1.50	0.00	62	0
Never	1- 4 PM	0	0.50	0.00	77	0
Never	4 - 6 PM	0	0.75	0.00	108	0
Never	6 - 9 PM	0	0.50	0.00	92	0
Never	9 PM - Midnight	0	0.50	0.00	354	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
16	17	124	78	146	167	57

SPACE DEMAND NUMBER OF SQ. FT. **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
326	339	2,478	1,552	2,913	3,349	1,141

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 20 SQUARE FEET PER USER FOR A DURATION OF 1.50 HOURS.

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ACTIVITY: 20 VOLLEYBALL Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	31	11
Daily	8 AM - noon	0.71	0.25	0.18	31	5
Daily	Noon - 1 PM	0.71	1.00	0.71	31	22
Daily	1- 4 PM	0.71	0.33	0.24	31	7
Daily	4 - 6 PM	0.71	0.50	0.36	62	22
Daily	6 - 9 PM	0.71	0.33	0.24	62	15
Daily	9 PM - Midnight	0.71	0.33	0.24	31	7
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	0	0
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	31	3
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	31	13
2-4 Times/Week	1- 4 PM	0.43	0.33	0.14	77	11
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	108	23
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	308	44
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	15	2
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	0	0
Once/Week	8 AM - noon	0.14	0.25	0.04	62	2
Once/Week	Noon - 1 PM	0.14	1.00	0.14	62	9
Once/Week	1- 4 PM	0.14	0.33	0.05	139	6
Once/Week	4 - 6 PM	0.14	0.50	0.07	231	16
Once/Week	6 - 9 PM	0.14	0.33	0.05	277	13
Once/Week	9 PM - Midnight	0.14	0.33	0.05	108	5
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	15	0
Less than once a week	8 AM - noon	0.03	0.25	0.01	62	0
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	62	2
Less than once a week	1- 4 PM	0.03	0.33	0.01	277	3
Less than once a week	4 - 6 PM	0.03	0.50	0.02	493	7
Less than once a week	6 - 9 PM	0.03	0.33	0.01	847	8
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	246	2
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	92	0
Never	8 AM - noon	0	0.25	0.00	15	0
Never	Noon - 1 PM	0	1.00	0.00	62	0
Never	1- 4 PM	0	0.33	0.00	77	0
Never	4 - 6 PM	0	0.50	0.00	108	0
Never	6 - 9 PM	0	0.33	0.00	262	0
Never	9 PM - Midnight	0	0.33	0.00	570	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
8	9	34	21	51	60	13

SPACE DEMAND NUMBER OF COURTS **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
1	1	3	2	4	5	1

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES THAT 12 USERS WILL OCCUPY EACH COURT AND BE OCCUPIED FOR 1.00 HOURS.

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ACTIVITY: 21 WATER AEROBICS Activity Duration: 1 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.50	0.36	62	22
Daily	8 AM - noon	0.71	0.25	0.18	46	8
Daily	Noon - 1 PM	0.71	1.00	0.71	15	11
Daily	1 - 4 PM	0.71	0.33	0.24	92	22
Daily	4 - 6 PM	0.71	0.50	0.36	92	33
Daily	6 - 9 PM	0.71	0.33	0.24	92	22
Daily	9 PM - Midnight	0.71	0.33	0.24	31	7
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.50	0.22	108	23
2-4 Times/Week	8 AM - noon	0.43	0.25	0.11	185	20
2-4 Times/Week	Noon - 1 PM	0.43	1.00	0.43	77	33
2-4 Times/Week	1 - 4 PM	0.43	0.33	0.14	139	20
2-4 Times/Week	4 - 6 PM	0.43	0.50	0.22	185	40
2-4 Times/Week	6 - 9 PM	0.43	0.33	0.14	216	31
2-4 Times/Week	9 PM - Midnight	0.43	0.33	0.14	77	11
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.50	0.07	31	2
Once/Week	8 AM - noon	0.14	0.25	0.04	123	4
Once/Week	Noon - 1 PM	0.14	1.00	0.14	108	15
Once/Week	1 - 4 PM	0.14	0.33	0.05	200	9
Once/Week	4 - 6 PM	0.14	0.50	0.07	323	23
Once/Week	6 - 9 PM	0.14	0.33	0.05	354	17
Once/Week	9 PM - Midnight	0.14	0.33	0.05	108	5
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.50	0.02	92	1
Less than once a week	8 AM - noon	0.03	0.25	0.01	154	1
Less than once a week	Noon - 1 PM	0.03	1.00	0.03	169	5
Less than once a week	1 - 4 PM	0.03	0.33	0.01	308	3
Less than once a week	4 - 6 PM	0.03	0.50	0.02	508	8
Less than once a week	6 - 9 PM	0.03	0.33	0.01	601	6
Less than once a week	9 PM - Midnight	0.03	0.33	0.01	139	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.50	0.00	77	0
Never	8 AM - noon	0	0.25	0.00	31	0
Never	Noon - 1 PM	0	1.00	0.00	31	0
Never	1 - 4 PM	0	0.33	0.00	77	0
Never	4 - 6 PM	0	0.50	0.00	169	0
Never	6 - 9 PM	0	0.33	0.00	293	0
Never	9 PM - Midnight	0	0.33	0.00	539	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
36	25	48	41	77	56	19

SPACE DEMAND NUMBER OF SQ. FT. **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
2,734	1,887	3,613	3,047	5,784	4,237	1,392

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 75 SQUARE FEET PER USER FOR A DURATION OF 1.00 HOURS.

ACTIVITY: 22 WEIGHT MACHINES (SELECTORIZED) Activity Duration: 0.75 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.38	0.27	169	45
Daily	8 AM - noon	0.71	0.19	0.13	154	21
Daily	Noon - 1 PM	0.71	0.75	0.53	92	49
Daily	1- 4 PM	0.71	0.25	0.18	216	38
Daily	4 - 6 PM	0.71	0.38	0.27	262	70
Daily	6 - 9 PM	0.71	0.25	0.18	323	57
Daily	9 PM - Midnight	0.71	0.25	0.18	200	36
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.38	0.16	339	55
2-4 Times/Week	8 AM - noon	0.43	0.19	0.08	601	48
2-4 Times/Week	Noon - 1 PM	0.43	0.75	0.32	169	55
2-4 Times/Week	1- 4 PM	0.43	0.25	0.11	478	51
2-4 Times/Week	4 - 6 PM	0.43	0.38	0.16	693	112
2-4 Times/Week	6 - 9 PM	0.43	0.25	0.11	1,171	126
2-4 Times/Week	9 PM - Midnight	0.43	0.25	0.11	431	46
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.38	0.05	92	5
Once/Week	8 AM - noon	0.14	0.19	0.03	154	4
Once/Week	Noon - 1 PM	0.14	0.75	0.11	123	13
Once/Week	1- 4 PM	0.14	0.25	0.04	231	8
Once/Week	4 - 6 PM	0.14	0.38	0.05	493	26
Once/Week	6 - 9 PM	0.14	0.25	0.04	801	28
Once/Week	9 PM - Midnight	0.14	0.25	0.04	293	10
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.38	0.01	77	1
Less than once a week	8 AM - noon	0.03	0.19	0.01	169	1
Less than once a week	Noon - 1 PM	0.03	0.75	0.02	92	2
Less than once a week	1- 4 PM	0.03	0.25	0.01	262	2
Less than once a week	4 - 6 PM	0.03	0.38	0.01	601	7
Less than once a week	6 - 9 PM	0.03	0.25	0.01	678	5
Less than once a week	9 PM - Midnight	0.03	0.25	0.01	185	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.38	0.00	31	0
Never	8 AM - noon	0	0.19	0.00	0	0
Never	Noon - 1 PM	0	0.75	0.00	0	0
Never	1- 4 PM	0	0.25	0.00	15	0
Never	4 - 6 PM	0	0.38	0.00	46	0
Never	6 - 9 PM	0	0.25	0.00	92	0
Never	9 PM - Midnight	0	0.25	0.00	216	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
79	55	89	75	161	162	70

SPACE DEMAND NUMBER OF SQ. FT. **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1- 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
4,351	3,050	4,904	4,111	8,833	8,926	3,859

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 55 SQUARE FEET PER USER FOR A DURATION OF 0.75 HOURS.

University of California Riverside
 Student Referendum Plan
 STUDENT DEMAND BASED PROGRAM ANALYSIS

29-Jan-09

ACTIVITY: 23 WEIGHT TRAINING (FREE WEIGHTS) Activity Duration: 0.75 Hours

Frequency	Period	Activity Frequency	Turnover Factor	Intensity Factor	Number of Users	Demand Projection
Daily	6 - 8 AM	0.71	0.38	0.27	216	57
Daily	8 AM - noon	0.71	0.19	0.13	154	21
Daily	Noon - 1 PM	0.71	0.75	0.53	108	57
Daily	1 - 4 PM	0.71	0.25	0.18	246	44
Daily	4 - 6 PM	0.71	0.38	0.27	246	66
Daily	6 - 9 PM	0.71	0.25	0.18	308	55
Daily	9 PM - Midnight	0.71	0.25	0.18	231	41
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
Daily	empty	0.71	0.00	0.00	0	0
2-4 Times/Week	6 - 8 AM	0.43	0.38	0.16	323	52
2-4 Times/Week	8 AM - noon	0.43	0.19	0.08	555	45
2-4 Times/Week	Noon - 1 PM	0.43	0.75	0.32	108	35
2-4 Times/Week	1 - 4 PM	0.43	0.25	0.11	462	50
2-4 Times/Week	4 - 6 PM	0.43	0.38	0.16	739	119
2-4 Times/Week	6 - 9 PM	0.43	0.25	0.11	1,125	121
2-4 Times/Week	9 PM - Midnight	0.43	0.25	0.11	447	48
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
2-4 Times/Week	empty	0.43	0.00	0.00	0	0
Once/Week	6 - 8 AM	0.14	0.38	0.05	77	4
Once/Week	8 AM - noon	0.14	0.19	0.03	123	3
Once/Week	Noon - 1 PM	0.14	0.75	0.11	108	11
Once/Week	1 - 4 PM	0.14	0.25	0.04	200	7
Once/Week	4 - 6 PM	0.14	0.38	0.05	401	21
Once/Week	6 - 9 PM	0.14	0.25	0.04	693	24
Once/Week	9 PM - Midnight	0.14	0.25	0.04	200	7
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Once/Week	empty	0.14	0.00	0.00	0	0
Less than once a week	6 - 8 AM	0.03	0.38	0.01	62	1
Less than once a week	8 AM - noon	0.03	0.19	0.01	154	1
Less than once a week	Noon - 1 PM	0.03	0.75	0.02	92	2
Less than once a week	1 - 4 PM	0.03	0.25	0.01	339	3
Less than once a week	4 - 6 PM	0.03	0.38	0.01	647	7
Less than once a week	6 - 9 PM	0.03	0.25	0.01	801	6
Less than once a week	9 PM - Midnight	0.03	0.25	0.01	154	1
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Less than once a week	empty	0.03	0.00	0.00	0	0
Never	6 - 8 AM	0	0.38	0.00	31	0
Never	8 AM - noon	0	0.19	0.00	0	0
Never	Noon - 1 PM	0	0.75	0.00	15	0
Never	1 - 4 PM	0	0.25	0.00	0	0
Never	4 - 6 PM	0	0.38	0.00	62	0
Never	6 - 9 PM	0	0.25	0.00	62	0
Never	9 PM - Midnight	0	0.25	0.00	216	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0
Never	empty	0	0.00	0.00	0	0

TOTAL NUMBER OF USERS PROJECTED PER PERIOD*:

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
86	52	79	77	160	154	73

SPACE DEMAND NUMBER OF SQ. FT. **

6 - 8 AM	8 AM - noon	Noon - 1 PM	1 - 4 PM	4 - 6 PM	6 - 9 PM	9 PM - Midnight
4,716	2,859	4,356	4,248	8,793	8,491	4,010

Definitions: Activity Frequency= How often during the week (once per week = 1/7=14%) Turnover Factor= The reciprocal amount of time the space is "turned over" over the allocated time.

* Intensity Factor = Activity Frequency x Turnover Factor.

** THIS ACTIVITY ASSUMES 55 SQUARE FEET PER USER FOR A DURATION OF 0.75 HOURS.

Student Demand Based Programming Charts and Space Prioritization

Each activity was analyzed individual to determine the space needs for peak demand during the most active time period. Factors in the analysis include times tested on survey, frequency of participation, number of participants, and turnover rates. For example, B&D assumes that one cardio fitness machine user will use the machine for 30 minutes and occupy a space of 55nsf (are for the machine and walk space behind). If 16 students indicated that they would use these machines between the hours of 4pm and 6pm, a total of 220nsf (four machines) would be required to meet demand. These numbers are adjusted by frequency of participation and then extrapolated to reach the peak demand calculation. Peak demand is then multiplied by the priority accommodation factor to reach B&D's recommendations.

Student Referendum Plan

ACTIVITY PRIORITY ANALYSIS - BY DEPTH OF DEMAND

Student Responses

	Activity	Number	Percent
1	Cardiovascular Fitness Machines	520	43.6%
2	Weight Machines (Selectorized)	344	28.9%
3	Weight Training (Free Weights)	342	28.7%
4	Indoor Walking / Jogging (Track)	297	24.9%
5	Group Fitness	272	22.8%
6	Lap Swimming	243	20.4%
7	Yoga, Stretch or Pilates	208	17.4%
8	Outdoor Walking / Jogging (Track)	206	17.3%
9	Recreational / Leisure Swimming	170	14.3%
10	Indoor Basketball	132	11.1%
11	Social Lounge	116	9.7%
12	Rock Climbing (Indoor Climbing Wall)	114	9.6%
13	Outdoor Tennis	110	9.2%
14	Racquetball / Handball	104	8.7%
15	Billiards	98	8.2%
16	Badminton	95	8.0%
17	Water Aerobics	92	7.7%
18	Martial Arts	82	6.9%
19	Outdoor Basketball	80	6.7%
20	Indoor Soccer	77	6.5%
21	Table Tennis	71	6.0%
22	Outdoor Soccer	63	5.3%
23	Volleyball	55	4.6%
24	Roller / Floor Hockey	50	4.2%

Note:

Depth of Demand is measured by the number of respondents indicating they would engage in a specific activity at least two times per week. The measure is significant in that it indicates the extent to which activities are integral to the regular routine of the University population.

Student Referendum Plan

ACTIVITY PRIORITY ANALYSIS - BY BREADTH OF DEMAND

Student Responses

	Activity	Number	Percent
1	Cardiovascular Fitness Machines	831	69.7%
2	Weight Machines (Selectorized)	620	52.0%
3	Group Fitness	612	51.3%
4	Weight Training (Free Weights)	605	50.8%
5	Indoor Walking / Jogging (Track)	562	47.1%
6	Lap Swimming	525	44.0%
7	Outdoor Walking / Jogging (Track)	515	43.2%
8	Recreational / Leisure Swimming	510	42.8%
9	Yoga, Stretch or Pilates	500	41.9%
10	Rock Climbing (Indoor Climbing Wall)	484	40.6%
11	Social Lounge	443	37.2%
12	Racquetball / Handball	420	35.2%
13	Billiards	414	34.7%
14	Indoor Basketball	374	31.4%
15	Outdoor Tennis	370	31.0%
16	Badminton	351	29.4%
17	Table Tennis	308	25.8%
18	Water Aerobics	301	25.3%
19	Outdoor Basketball	280	23.5%
20	Martial Arts	254	21.3%
21	Volleyball	242	20.3%
22	Indoor Soccer	234	19.6%
23	Roller / Floor Hockey	222	18.6%
24	Outdoor Soccer	217	18.2%

Note:

Breadth of Demand is measured by the number of respondents indicating they would engage in a specific activity even if only occasionally. The measure is significant in that it indicates the extent to which activities have some amount of recreational appeal across the University population.

Student Referendum Plan

ACTIVITY PRIORITY ANALYSIS - BY DEPTH AND BREADTH OF DEMAND

Student Responses

	Activity	Depth	Breadth
1	Cardiovascular Fitness Machines	43.6%	69.7%
2	Weight Machines (Selectorized)	28.9%	52.0%
3	Weight Training (Free Weights)	28.7%	50.8%
4	Indoor Walking / Jogging (Track)	24.9%	47.1%
5	Group Fitness	22.8%	51.3%
6	Lap Swimming	20.4%	44.0%
7	Yoga, Stretch or Pilates	17.4%	41.9%
8	Outdoor Walking / Jogging (Track)	17.3%	43.2%
9	Recreational / Leisure Swimming	14.3%	42.8%
10	Indoor Basketball	11.1%	31.4%
11	Social Lounge	9.7%	37.2%
12	Rock Climbing (Indoor Climbing Wall)	9.6%	40.6%
13	Outdoor Tennis	9.2%	31.0%
14	Racquetball / Handball	8.7%	35.2%
15	Billiards	8.2%	34.7%
16	Badminton	8.0%	29.4%
17	Water Aerobics	7.7%	25.3%
18	Martial Arts	6.9%	21.3%
19	Outdoor Basketball	6.7%	23.5%
20	Indoor Soccer	6.5%	19.6%
21	Table Tennis	6.0%	25.8%
22	Outdoor Soccer	5.3%	18.2%
23	Volleyball	4.6%	20.3%
24	Roller / Floor Hockey	4.2%	18.6%

Note: A balanced approach to activity prioritization considers the implications of both depth and breadth of demand. In this analysis, breadth of demand can be used to reorder activities within their priority categories based on depth. However, it could be arranged based on breadth of demand as well. These rankings help to inform the priority reconciliation of activity demand.

UNIVERSITY OF CALIFORNIA RIVERSIDE

Student Referendum Plan

29-Jan-09

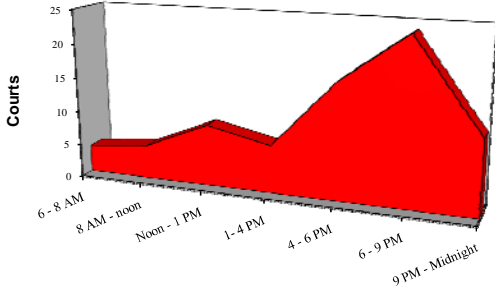
PRIORITY ORDER OF ACTIVITIES/PROGRAM RECONCILIATION FOR STUDENT POPULATION

Activity	Priority Category	Peak Accommodation	Space Type	Peak Demand	Space Allocation Based on Prioritization of Demand		
1 Cardiovascular Fitness Machines	first	75% to 85%	Sq. Ft.	10,042	7,500	to	8,500
2 Weight Machines (Selectorized)	first	75% to 85%	Sq. Ft.	8,926	6,700	to	7,600
3 Weight Training (Free Weights)	first	75% to 85%	Sq. Ft.	8,793	6,600	to	7,500
4 Indoor Walking / Jogging (Track)	first	75% to 85%	Sq. Ft.	8,090	6,100	to	6,900
5 Group Fitness	first	75% to 85%	Sq. Ft.	9,805	7,400	to	8,300
6 Lap Swimming	first	75% to 85%	Lanes	24	18	to	20
7 Yoga, Stretch or Pilates	second	55% to 65%	Sq. Ft.	8,324	4,600	to	5,400
8 Outdoor Walking / Jogging (Track)	second	55% to 65%	Lanes	7	4	to	5
9 Recreational / Leisure Swimming	second	55% to 65%	Sq. Ft.	8,344	4,600	to	5,400
10 Indoor Basketball	third	40% to 50%	Courts	13	5	to	7
11 Social Lounge	third	40% to 50%	Sq. Ft.	3,349	1,300	to	1,700
12 Rock Climbing (Indoor Climbing Wall)	third	40% to 50%	Linear Feet	61	24	to	31
13 Outdoor Tennis	third	40% to 50%	Courts	27	11	to	14
14 Racquetball / Handball	third	40% to 50%	Courts	23	9	to	12
15 Billiards	third	40% to 50%	Tables	23	9	to	12
16 Badminton	fourth	25% to 35%	Courts	24	6	to	8
17 Water Aerobics	fourth	25% to 35%	Sq. Ft.	5,784	1,400	to	2,000
18 Martial Arts	fourth	25% to 35%	Sq. Ft.	4,896	1,200	to	1,700
19 Outdoor Basketball	fourth	25% to 35%	Courts	8	2	to	3
20 Indoor Soccer	fourth	25% to 35%	Courts	5	1	to	2
21 Table Tennis	fourth	25% to 35%	Tables	17	4	to	6
22 Outdoor Soccer	fifth	10% to 20%	Fields	5	1	to	1
23 Volleyball	fifth	10% to 20%	Courts	5	1	to	1
24 Roller / Floor Hockey	fifth	10% to 20%	Courts	4	0	to	1
1 COMBINED 1: (Fitness Machines, Free Weights and Weight Machines)				27,800	20,800	to	23,600
2 COMBINED 2 (Group Fitness, Yoga, Stretch or Pilates, and Martial Arts)				23,000	13,200	to	15,400

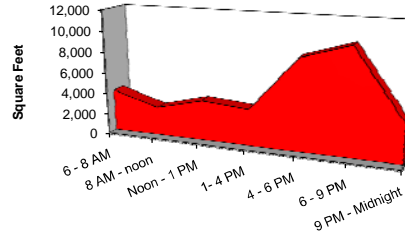
Exhibit D

Student utilization graphs were created for each activity tested on the student survey. These graphs chart the amount of space needed to meet demand throughout the course of a day.

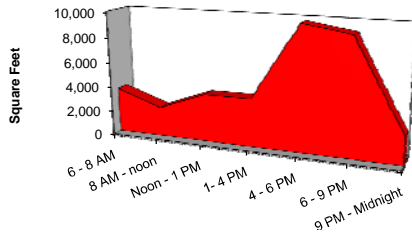
Badminton



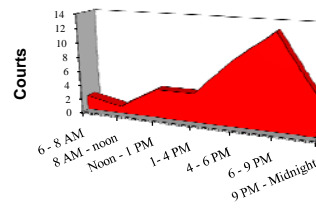
Cardio Fitness



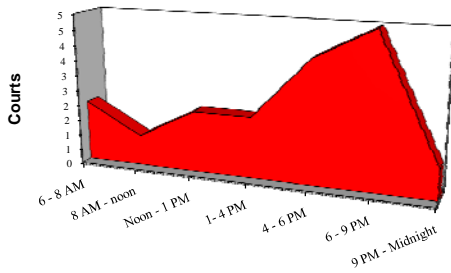
Group Fitness



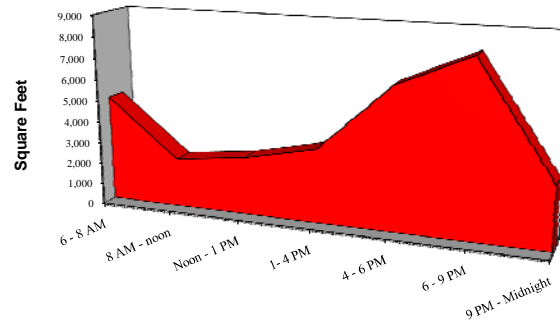
Indoor Basketball



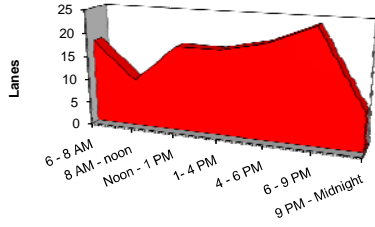
Indoor Soccer



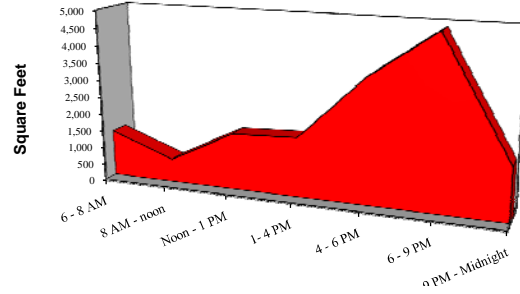
Indoor Jogging



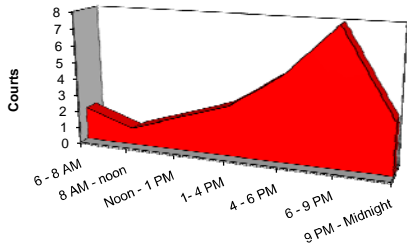
Lap Swimming



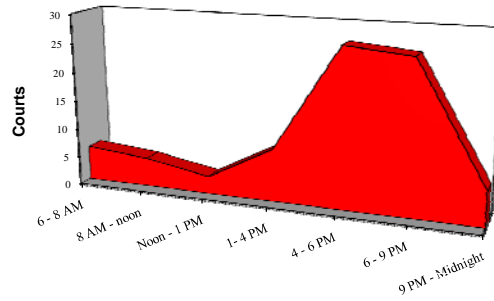
Martial Arts



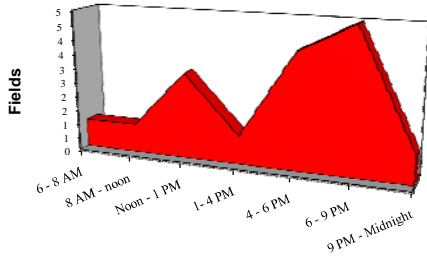
Outdoor Basketball



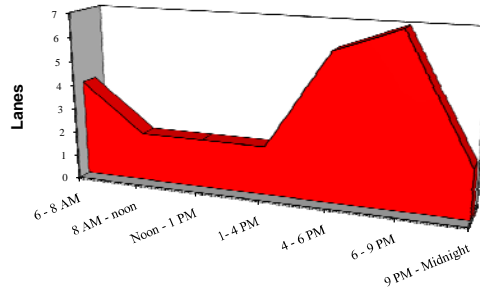
Outdoor Tennis



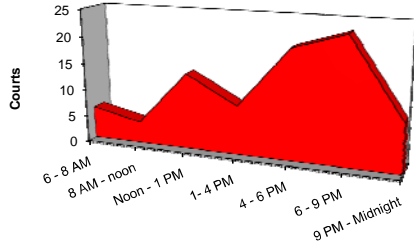
Outdoor Soccer



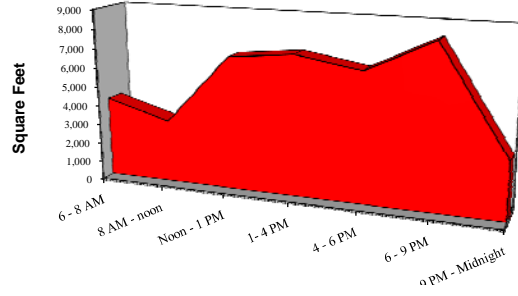
Outdoor Walking



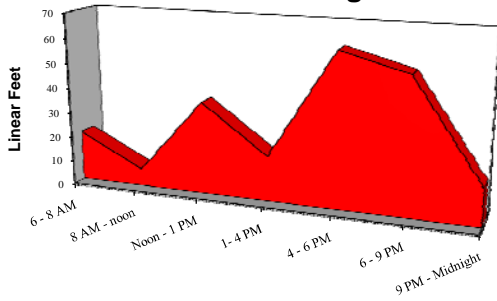
Racquetball / Handball



Rec Swimming



Rock Climbing



Roller Hockey

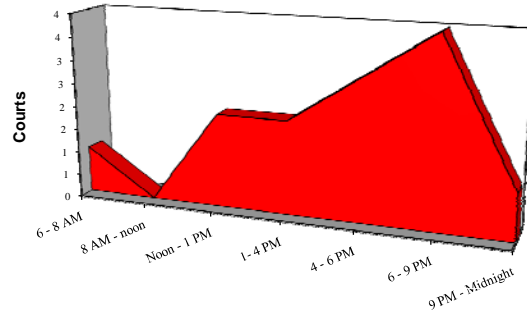
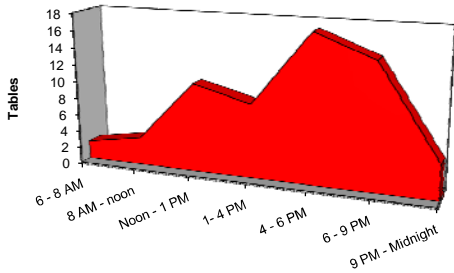
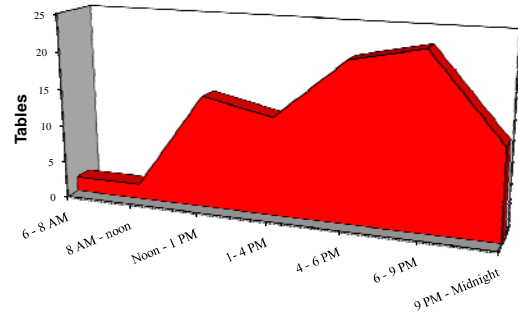


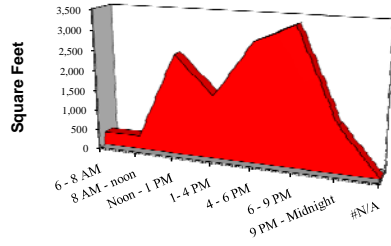
Table Tennis



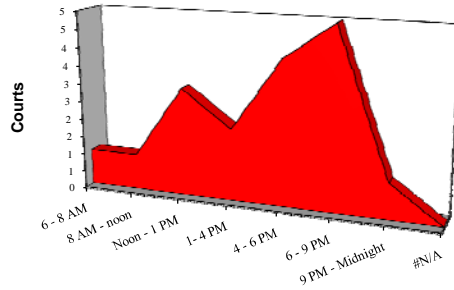
Billiards



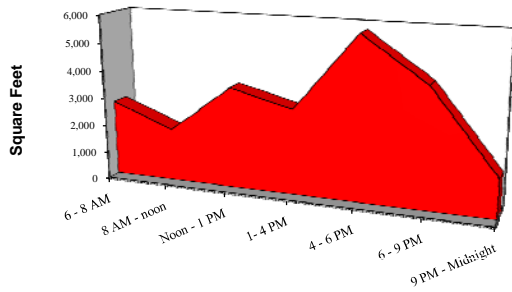
Social Lounge



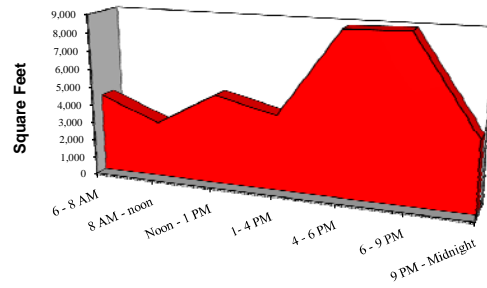
Volleyball



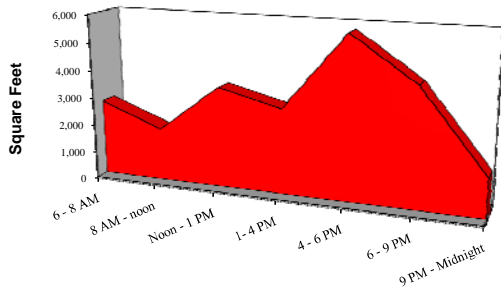
Water Aerobics



Weight Machines



Weight Training



Yoga, Aerobics, Pilates

