

## **A Study of Athletes' Satisfaction for Participating 2008 National Collegiate Teacher's Table-tennis Tournament in Taiwan**

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**Abstract:** The purpose of this study was to determine the athletes' satisfaction for participating 2008 national collegiate teacher's table-tennis tournament in Taiwan. Subjects for this study were consisted of 121 players. The instrument of this study was by using "Questionnaire of management and administration for 2008 national collegiate teacher's table-tennis tournament" (return rate 91.67%). Data analysis was by descriptive statistic, t-test and one-way analysis of variance. The results of this study indicated that: (1) There are significant differences of athletes' satisfaction among athletes with different personal attributes for sub-scales "planning of event", "administration of competition" and "service of event". (2) Athletes have the highest satisfaction on "facility and equipment" in sub-scale "service of event" and followed by the factor is "service of officers". (3) Athletes have the highest satisfaction on "administration of registration" in sub-scale "planning of event" and followed by the factor is "administration of opening ceremony". (4) Athletes have the highest satisfaction on "announcement" in sub-scale "administration of competition" and followed by the factor is "competition results bulletin".

**Keywords:** Table-tennis, Satisfaction, Management of Sports Event

### **1. INTRODUCTION**

Today, the sport playing a central role in our lives, the sports events or programs may motivate individuals to engage in lifelong physical activities, and helping individuals involve in lifetime physical and recreational activities which is the objective of physical education and sports development. On the other hand, the management of sports events not only focus on the competitive skills performance and event management skills, but also offer knowledge, business, sport marketing, sports media and communications, lifelong physical activities, fitness-oriented activities and leisure activities to enter sports management areas. The purpose of this study was to determine the athletes' satisfaction for participating 2008 national collegiate teacher's table-tennis tournament in Taiwan.

## 2. METHODS

Subjects for this study consisted of 121 players by randomly from 7 category of 2008 national collegiate teacher's table-tennis tournament (102 male and 19 female), sends out 131 questionnaires, recycling effective questionnaire 121, the effective returns-ratio is 91.67%. The instrument for this study was by using "Investigation and satisfaction for participating in table-tennis of collegiate teacher's questionnaires" to determine subjects' personal attributes and participation in this game. The data analyzed by descriptive statistics, t-test and one-way analysis of variance by SPSS 12.0 for Windows.

## 3. RESULTS

Researchers assigned 131 questionnaires and retrieved 121 from subjects in the players, odds of validation questionnaire retrieved are 91.67%. The results of data analyzed are as the following:

(1) The result show the athletes have the highest satisfaction on "facility and equipment" (M=3.33) in sub-scale "service of event" and followed by the factor is "service of officers"(3.28), on "administration of registration"(M=3.02) in sub-scale "planning of event" and followed by the factor is "administration of opening ceremony" (M=3.18), on "announcement" (M=3.35) in sub-scale "administration of competition" and followed by the factor is "competition result bulletin"(M=3.29) see table 1.

Table 1. The satisfaction in service of event, planning of event, administration of competition

Number of factor	Topic in questionnaires	Mean	MD
Facility and equipment (M=3.33)	Question 41	3.36	.530
	Question 42	3.32	.622
	Question 43	3.30	.572
Service of officers (M=3.28)	Question 40	3.30	.542
	Question 39	3.27	.548
	Question 38	3.27	.563
Administration of registration (M=3.20)	Question 2	3.21	.520
	Question 1	3.19	.505
	Question 3	3.19	.610
Administration of opening ceremony (M=3.18)	Question 12	3.25	.567
	Question 11	3.16	.548
	Question 10	3.12	.566
Announcement (M=3.35)	Question 16	3.42	.574
	Question 17	3.33	.638
	Question 18	3.29	.584
Competition results bulletin (M=3.29)	Question 26	3.30	.527
	Question 25	3.29	.539
	Question 27	3.28	.520

(2) There are significant differences among difference experience for sub-scale administration of competition (P<.001). (see table 2)

Table2. Personal attitude and perspective for 2008 national collegiate teacher's table-tennis tournament

	Personal attributes	n	M	p
Experience	1	7	53.8571	.001**
	2-3	19	51.5263	
	4-5	28	47.3214	
	More than 6	67	48.3134	

\*\**p* < .01

(3) There are significant differences among martial status for sub-scale service of event (p<.001). ( see table 3)

Table3. Personal attitude and perspective for 2008 national collegiate teacher's table-tennis tournament

	Personal attributes	n	M	p
Martial status	Unmarried	6	62.1667	.001**
	Married	115	61.2435	

\*\**p* < .01

(4) The satisfaction for result in differences personal attributes in service of event. We can see the result in the gender and experience and marital status there have significant difference in service of event (see table 4 ).

Table 4. The different personal attributes satisfaction in service of event

	Gender	Age	Education level	Attend the category	Experience	Marital status	Work period of service
Service of Event	-	-	-	-	-	-	-
Planning of Event	-	-	-	-	**	-	-
Planning of Event	-	-	-	-	-	**	-

\**p* < .05 ; \*\**p* < .01

#### 4. DISCUSSION

Cheng (2004) states that the difference in the research design, provides has potency and so on rest and recreation, sightseeing amusement and rest, economic development, political diplomacy movements and the related type of event, achieves the preparation organization to decide the goal in order to. The results show the significant differences among difference experience for sub-scale administration of competition ( $p < .001$ ), the mean score shows that the more participates experience players significant higher then few participates experience players, the result is same to Chang's (2007) research, the research finding shows that the difference personal attributes is significant to administration of competition, specially in the difference participate experience. Significant differences among martial status for sub-scale service of event ( $p < .001$ ), the result shows that unmarried participates have higher significant then married participates. The research of study provides us for the sport event management information to that organization the planning of event, administration of competition and service of event is most important to the event.

#### 5. CONCLUSION

The conclusion of study as follows:

1. There are significant differences of athletes' satisfaction among athletes with different personal attributes for sub-scales "planning of event", "administration of competition" and "service of event"
2. There are significant differences among difference experience for sub-scale administration of competition ( $P < .001$ ).
3. There are significant differences among martial status for sub-scale service of event ( $p < .001$ ).
4. There are not significant differences among the other personal attributes.
5. This research is by discusses in 2008 national collegiate teacher's table-tennis tournament, by the investigation, expected that can promote the congress to conduct the standard. And will provide by this findings takes in the future execution of reference the inquisition related competition.
6. This object of study only send the questionnaire by 2008 national collegiate teacher's table-tennis tournament's players, Take collects the contestant to fill in answers the material to do basis of as the analysis competition degree of satisfaction. May aim at each team staff members and so on team group leader, training and trainer research on the future, includes the object of study, permeable by different face will conduct the deep research and the discussion, the time obtains a more perfect effective result to prepare the reference for the future.

#### 6. REFERENCES

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