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## Comparison of sports achievement level between urban and rural schools students of Varanasi district

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### Abstract

**Purpose:** The objective of the study was to compare the various sports achievement level between Urban and Rural school students of Varanasi district of Uttar Pradesh.

**Method:** A total of 200 subjects from various schools in Varanasi district have been selected for the study. The subject for this study was selected purposively only to those candidate who have participated in various game and sports. Their age ranged between 13 to 20 years of age, from student's studying in both rural and urban schools. In order to gather the data Questionnaire was developed with the help of the expertise. Later the data was analyzed using 't'-test to find out the sports achievement level in Rural and Urban school students.

**Result:** the result shows In Case of Government school that Significant Difference was found in case of Gold Medal achievement as the (t) = 2.44, (sig .018) In Rural & Urban government Schools in Varanasi. The result reveals that insignificant Difference, was found in case of Silver Medal achievement as the (t) test = 1.88, (p-value 0.06) In Rural & Urban government Schools in Varanasi. The above table reveals that insignificant Difference was found in case of Bronze Medal achievement (t) = -1.07, (sig .28) In Rural & Urban government Schools in Varanasi. In Case of Private School The result shows that Significant Difference was found in case of Gold Medal achievement (t) = -60, (sig .000) In Rural & Urban government Schools in Varanasi. Similarly Significant Difference was found in case of Silver Medal achievement (t) = -7.03, (sig .000) In Rural & Urban government Schools in Varanasi. The result reveals that Significant Difference was found in case of Bronze Medal achievement (t) = -6.14, (sig .000) In Rural & Urban Private Schools in Varanasi. Hence in case of bronze medal achievement in private school urban school students was far better than that of the rural school students.

**Keywords:** Sports achievement, urban and rural schools

### Introduction

Games and sports are an important part of education as well as human civilization. Today no educational institution is complete without some arrangement for different games and sports. Games and sports have many advantages. They improve health and help in building up a good body. The value of good health is well expressed in the proverb-"A sound mind in a sound body". The importance of games and sports in schools encompasses more than just the benefit of physical activity. It increases self-esteem and mental alertness making school games and sports necessary for every school child. Games and sports are an integral part of student's life. There is a saying "All work and no play make Jack a dull boy". The importance of play or games and sports for children has become even more relevant in our current times, and schools have a prominent role to "play" in it. The benefits of games and sports are multidimensional; it leads to balanced mental and physical growth. It teaches the children life's skills like teamwork, leadership and patience. It inculcates discipline and playing within the rule, builds sportsmanship, which is to play within the spirits of the game and to deal with both winning and losing with grace. All of these experiences and habits are useful to develop a holistic personality of an individual in a society.

Good sportsmanship provides guidelines that can be generalized to classroom and lifelong achievement. Participation in challenging sports contests teaches children to love classroom challenge. It also teaches children to function in a competitive society. The world of sports mirrors how one can play the game of school and life. Good athletes stay in the game and play their best even when they are losing.

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They know they will win some and lose some. They discipline themselves. They practice with grueling regularity the necessary skills for their sport. Education, life accomplishments, creative contributions in the arts, sciences, business, and government involve similar perseverance and self-discipline. Our society is competitive, and we should teach our children to function in competition and how to both win and lose as good sportsmanship. Children must learn that winning and losing is both temporary, and that they can't give up or quit. Learning to become a team player is also important for children who may prefer to be the center of attention.

### Methods and Materials

A total of 200 subjects from various schools in Varanasi district have been selected for the study. The subject for this study was selected purposively only to those candidate who have participated in various game and sports. Their age ranged between 13 to 20 years of age, from student's studying in both rural and urban schools. A number of books, journals and sample questionnaires have been consulted to frame various statements which required several responses. Suitable changes are also being made from time to time and Delphi method was also used for the construction of questionnaire after consulting with my supervisor and other teachers.

### Administration and Collection of data

The subjects were clearly explained in English and Hindi language about the purpose of the study along with how the questionnaire has to be completed (fill-up). After ensuring the subjects, and had been clearly understood about the procedure to fill-up, the questionnaire have been distributed. And according to their achievements and experienced data have been collected.

### Analysis of Data and Results of the Study

The findings and discussion of findings with regard to the present study have been presented in two sections. Section one deals with the mean and standard deviation of all the Variables of government and private schools students. Section two deals with the 't'-test to find out the difference between rural and urban students on achievement level from both government and private school.

#### Section: 1

The findings pertaining to mean and standard deviation on sports achievement level of rural and urban school students of government schools were computed and presented in Table-1.

**Table 1:** Represents the mean and standard deviation of Rural and Urban schools on Sports achievement Level.

Types of school	Achievement level	Area of school	No. of subjects	Mean	Std. Deviation
Government	Gold	Rural	21	0.90	0.70
		Urban	44	2.02	2.04
	Silver	Rural	21	0.57	0.68
		Urban	44	1.48	2.15
	Bronze	Rural	21	0.67	0.91
		Urban	44	.95	1.05
Private	Gold	Rural	77	1.41	1.80
		Urban	63	3.20	1.58
	Silver	Rural	72	1.33	1.52
		Urban	63	3.58	2.15
	Bronze	Rural	72	1.08	1.16
		Urban	63	3.92	3.72

The Mean of Government schools shown in Table - 1 in case of Gold medal in rural schools the mean is 0.90 and the standard deviation is 0.70 whereas in case of urban schools the mean is 2.02 and standard deviation is 2.04.

As the table shows the mean of Government schools in case of silver medal in rural schools is 0.57 and the standard deviation is 0.68 whereas in case of urban schools the mean is 1.48 and standard deviation is 2.15.

As the table shows the mean of Government schools in case of bronze medal in rural schools is 0.67 and the standard deviation is 0.91 whereas in case of urban schools the mean is 0.95 and standard deviation is 1.05.

As the table shows the mean of private schools in case of Gold medal in rural schools is 1.41 and the standard deviation is 1.80 whereas in case of urban schools the mean is 3.20 and standard deviation is 1.58. As the table shows the mean of private schools in case of silver medal in rural schools is 1.33 and the standard deviation is 1.52 whereas in case of urban schools the mean is 3.58 and standard deviation is 2.15

As the table shows the mean of private schools in case of bronze medal in rural schools is 1.08 and the standard deviation is 1.16 whereas in case of urban schools the mean is 3.92 and standard deviation is 3.72.

On the basis of the data gathered and the results of the analysis it shows that the number of participants who have secured gold medal from rural schools students of government schools was 21 students, whereas the number of participants who have secured gold medal from urban was 44 students. In case of Silver the number of participants who have secured silver medal from rural schools students was 21 students, whereas the number of participants who have secured gold medal from urban was 44 students. Whereas in case of Bronze the number of participants who have secured bronze medal from rural schools was 21 students, whereas the number of participants who have secured bronze medal from urban was 44 students. This clearly shows that the urban schools student have participated and secured gold and bronze medal more than that of the rural schools student in case of government schools except in case of silver.

On the basis of the data gathered and the results of the analysis it shows that the number of participants who have secured gold medal from rural students of private schools was 72 students, whereas the number of participants who have secured gold medal from urban was 63 students. In case of Silver medal of private schools between Rural and Urban, the number of participants who have secured silver medal from rural schools was 72 students, whereas the number of participants who have secured gold from urban was 63 students. Where in case of Bronze medal of private schools between Rural and Urban, it shows that the number of participants who have secured bronze medal from rural schools was 72 students, whereas the number of participants who have secured bronze medal from urban schools was 63 students. This clearly shows that the rural schools student has participated and secured gold, silver, bronze medal more than that of the urban school schools student in case of private schools.

#### Section: 2

The section 2 deals with the Mean comparison with the help t-test, computed for the sports achievement level of Rural and urban schools were presented in the following tables.

**Table 2:** Represents the comparison of (achievement of Medals) in rural and urban Government and Private schools in Varanasi district.

Medal Achievement in Government Schools	Type of School		Mean Difference	t-test
	Urban	Rural		
Gold Medal	2.02	0.90	1.12	2.44* (0.01)
Silver Medal	1.48	0.57	0.91	1.88 (0.06)
Bronze Medal	0.95	0.67	0.29	-1.07 (0.28)
Medal Achievement in Private Schools	Type of School		Mean Difference	t-test
	Urban	Rural		
Gold Medal	3.19	1.42	1.78	-6.04 (0.00)
Silver Medal	3.57	1.33	2.24	7.03* (.000)
Bronze Medal	3.93	1.08	2.84	-6.14* 0.00

Sig. 0.05 df =198; Tabulated value=1.98

### In Case of Government Schools

The above table reveals that Significant Difference was found in case of Gold Medal achievement as the (t) = 2.44, (sig .018) In Rural & Urban government Schools in Varanasi.

The Mean value of Gold in Urban was 2.02 and in Rural was 0.90, and the mean difference was 1.12. The calculated value 2.44 is higher than the tabulated value = (1.98). Hence in case of gold medal achievement in government school, an urban school student was far better than that of the rural school students.

The above table reveals that insignificant Difference, was found in case of Silver Medal achievement as the (t) test = 1.88, (p-value 0.06) In Rural & Urban government Schools in Varanasi. The Mean value of Silver medal in Urban was 1.48 and in Rural was 0.57, and the mean difference was 0.91. The calculated value is (1.88\*) which is less than the tabulated value = (1.98). Hence in case of silver medal achievement in government school, there is no significant difference between urban and rural school students.

The above table reveals that insignificant Difference was found in case of Bronze Medal achievement (t) = -1.07, (sig .28) In Rural & Urban government Schools in Varanasi. The Mean number of Bronze in Urban was 0.95 and in Rural was 0.67, and the mean difference was 0.29.

The calculated value is less than the tabulated value = (1.98). Hence in case of bronze medal achievement in government school urban school students was far better than that of the rural school students. But there is no significant difference between them.

### In Case of Private Schools

The above table reveals that Significant Difference was found in case of Gold Medal achievement (t) = -6.04, (sig .000) In Rural & Urban government Schools in Varanasi. The Mean number of Gold in Urban was 3.19 and in Rural was 1.42, and the mean difference was 1.78.

The calculated value is higher than the tabulated value = (1.98). Hence in case of gold medal achievement in private school urban school students was far better than that of the rural school students.

The above table reveals that Significant Difference was found in case of Silver Medal achievement (t) = -7.03, (sig .000) In Rural & Urban government Schools in Varanasi. The Mean number of Silver in Urban was 3.57 and in Rural was 1.33, and the mean difference was 2.24.

The calculated value is higher than the tabulated value = (1.98). Hence in case of silver medal achievement in private school urban school students was far better than that of the rural school students.

The above table reveals that Significant Difference was found in case of Bronze Medal achievement (t) = -6.14, (sig .000) In Rural & Urban Private Schools in Varanasi. The Mean

number of Bronze in Urban was 3.93 and in Rural was 1.08, and the mean difference was 2.84.

The calculated value is higher than the tabulated value = (1.98). Hence in case of bronze medal achievement in private school urban school students was far better than that of the rural school students.

### Conclusion

On the basis of the results obtained within the limitations of the present study the following conclusions may be drawn:

The first objective of the study was to find out the achievements level in the areas of games and sports amongst the schools' students in rural and urban areas. And to compare the achievement level between rural and urban school students. A total number of 200 students of rural and urban school students (male & female) age range from 13 to 20 are being selected and briefed in detailed about the study. Achievement level of rural and urban school students was recorded through self-made questionnaire and measured by T test. And the mean different between rural and urban school students shows that there was significant different on the achievement level of games and sports. Except in case of silver medal in government schools.

To determine the level of achievement in the areas of games and sports three variables were selected i.e., Gold, Silver and Bronze. So, on the basis of the results obtained from the findings of the present study, the following conclusion may be drawn:

On the basis of the findings and analysis of the present study, clearly it was concluded that the achievements level in various games and sport of urban school students was far higher and better than that of the rural school students, both in government school and private school respectively.

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