

Assessment Of Performance Of Indian And Pakistan Men's Hockey At Asian Games From 1958 To 2014

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Abstract

The aim of the study to assess the performance of India and Pakistan men's hockey teams in Asian Games. The related subject's materials for this study was collected by various authentic online resources such as most reliable websites. Prepared a medals tally of both the teams and awarded 3 points for gold, 2 points for silver and 1 point for bronze medal. Descriptive statistics and success rate were calculated on the data. It was better for Pakistani team that they have been won more gold medals then Indian team but overall success rate of Indian team was 93.75% and Pakistani team had 87.50%. Indian hockey team have more successive rate in compare to Pakistan hockey team Asian games. Indian hockey team may have to improve their tactical and strategical plan against Pakistan hockey team in Asian games.

Introduction

The game of field hockey is played widely across the world. Field hockey in fact the second largest team sports in the world played in over 100 countries. The origin of the game can be traced back to the earliest civilization of the world, but the modern game of field hockey was developed in the British Isles. The modern game was started in England in the mid 1800's and the first formal field hockey club the "Blackheath football and Hockey Club" was formed in 1861. Field hockey has been men's Olympic sports since the Olympic game in London. The women's game is a recent addition, first recognized at the Moscow Olympic in 1980. Field hockey both a men's and women's world cup as well as competition at other international games including Commonwealth Games, South Asian Games and Asian Games.

The Asian Games first edition was held in March 1951, New Delhi (India). It is renowned and very prestigious sporting events for Asian country. Hockey is a sport where two teams compete by trying to manoeuvre a ball, or a hard, round, rubber or heavy plastic disc called a puck, into the opponent's net or goal, using a hockey stick. Modern field hockey sticks are J-shaped and constructed of a composite of wood, glass fibre or carbon fibre (sometimes both) and have a curved hook at the playing end, a flat surface on the playing side and curved surface on the rear side. Field hockey is played on gravel, natural grass, sand-based or water-based artificial turf, with a small, hard ball. In most countries, the game is played between single-sex sides, although they can be mixed-gender. Hockey was incorporated into the Asian Games in 1958 and beach hockey was incorporated into the Asian Beach Games in 2008.

Methodology

The related subject's materials for this study was collected by various authentic online resources such as most reliable website was www.ocasias.org, which was the Olympic Council of Asia. It has statutory body which is organising the Asian Games are held at an interval of four years. Other website also had helped i.e. www.wikipedia.org. The collected data of both the country India and Pakistan men's hockey team performances in Asian Games from 1958 to 2018. Data was presented in a tabulated form in terms of gold, silver, bronze medals and points carried by teams in each Asian Games than sum up the all points with calculation of percentage of team's success rate. Descriptive statistics was applied on the data.

The medal tally scoring system for Asian Games were as:

1. Bagged for Gold medal = 3 Points
2. Bagged for Silver medal = 2 Points
3. Bagged for Bronze medal = 1 Points

Result

The medal tally of India and Pakistan Men's Hockey (Field Hockey) from 1958 to 2018 Asian Games is presented in table 2.

Table 1

Total Performance of India and Pakistan Men's Hockey Team at 1958 – 2018

Year	Venue	Medal of India/Points				Medal of Pakistan/Points			
		Gold	Silver	Bronze	Points	Gold	Silver	Bronze	Points
1958	Tokyo, Japan	--	01	--	02	01	--	--	03
1962	Jakarta, Indonesia	--	01	--	02	01	--	--	03
1966	Bangkok, Thailand	01	--	--	03	--	01	--	02
1970	Bangkok, Thailand	--	01	--	02	01	--	--	03
1974	Tehran, Iran	--	01	--	02	01	--	--	03
1978	Bangkok, Thailand	--	01	--	02	01	--	--	03
1982	New Delhi, India	--	01	--	02	01	--	--	03
1986	Seoul, South Korea	--	--	01	01	--	01	--	02
1990	Beijing, China	--	01	--	02	01	--	--	03

1994	Hiroshima, Japan	--	01	--	02	--	--	01	01
1998	Bangkok, Thailand	01	--	--	03	--	--	01	01
2002	Busan, South Korea	--	01	--	02	--	--	--	00
2006	Doha, Qatar	--	--	--	00	--	--	01	01
2010	Guangzhou, China	--	--	01	01	01	--	--	03
2014	Incheon, South Korea	01	--	--	03	--	01	--	02
2018	Jakarta Indonesia	--	--	01	01	--	--	--	00
Total		03 G	09 S	03 B		08 G	03 S	03 B	
Total Points of India					30	Total Points of Pakistan			33
Success Rate					93.75%	Success Rate			87.5%

Table 2

Descriptive Statistics of India and Pakistan

INDIA		PAKISTAN	
Mean	1.88	Mean	2.06
Standard Error	0.20	Standard Error	0.28
Median	2	Median	2.5
Mode	2	Mode	3
Standard Deviation	0.81	Standard Deviation	1.12
Sample Variance	0.65	Sample Variance	1.26
Kurtosis	0.75	Kurtosis	-0.82
Skewness	-0.63	Skewness	-0.78
Range	3	Range	3
Minimum	0	Minimum	0
Maximum	3	Maximum	3
Sum	30	Sum	33
Count	16	Count	16
Confidence Level (95.0%)	0.43	Confidence Level (95.0%)	0.60

Table 1 revealed that the total performance by the men’s Indian hockey team had in Asian Game from 1958 to 2018 were bagged three (03) gold medals, nine (09) silver medals, and

three (03) bronze medals out of 16 times participations till now. India had not won any medal in 2006 Asian Game which was held in Doha. Therefore, India got 30 points. Pakistan men's hockey team had total performance from 1958 till to 2018. Pakistan men's hockey team bagged eight (08) gold medal, three (03) silver, and (04) bronze medals out of 16 times participations till now. They had not bagged any medal in 2018 Jakarta Asian Games. Pakistani hockey team got 32 points.

Table 2 revealed that the Indian hockey team have mean value 1.88, $SD \pm 0.8$, and values of Standard Error, Mode, Sample Variance, Kurtosis, Skewness were 0.20, 2, 0.61, 0.75, - 0.63 respectively. The Mean and Standard Deviation values of Pakistani team were 2 and 1.03, and others values of Standard Error, Mode, Sample Variance, Kurtosis, Skewness were 0.26, 3, 1.07, 1.26, - 0.41 respectively. If we had compared medal tally of both country found that Pakistani team's bagged just two times more gold medal then Indian team. India's had won two times more silver medal in compared with Pakistan. It was proven by values of mode of both teams.

Discussion of Finding

Indian and Pakistan hockey teams have been taken 16 times participated in Asian game and won the 3 gold 9 silver, 3 bronze and 8 gold 3 silver, 3 bronze respectively. Pakistani teams have also secured two times fourth position in Busan, South Korea (2002) and Jakarta Indonesia (2018) but the India have not done the same. Pakistan men's hockey team done their good job in Asian Games and have won more gold medal till now. No one more team could do the same performance such as Pakistani team. This means Pakistan hockey team have tactically, psychologically and strategically more better in compare to the Indian hockey team. But if we compare the overall success rate of both the teams, Indian team have 93.75% and Pakistani team have 87.5% success rate. Indian team have more successive rate in compare to Pakistan team. Only one time Indian hockey team had not bagged any medal in Doha, Qatar (2006) Asian game. Pakistan Hockey team have two times done the same, no any medal have been bagged in Busan, South Korea (2002) and Jakarta Indonesia (2018) but secured fourth position in both the Asian Games.

Recommendations

1. It has recommended on the basis of results that Indian men's hockey team will have improve their tactically and psychological training part.
2. It has recommended that Indian teams will be needs to convert the goal against the Pakistan team, because margin of goal between India and Pakistan matches were low.
3. It has recommended that Indian team will have to changed their final match strategies against the Pakistan team, because nine times India and Pakistan men's hockey have been fight against to each other, seven times Pakistani teams have been won the battle again India in final, only two times Indian team have been succeeded to changed their luck.

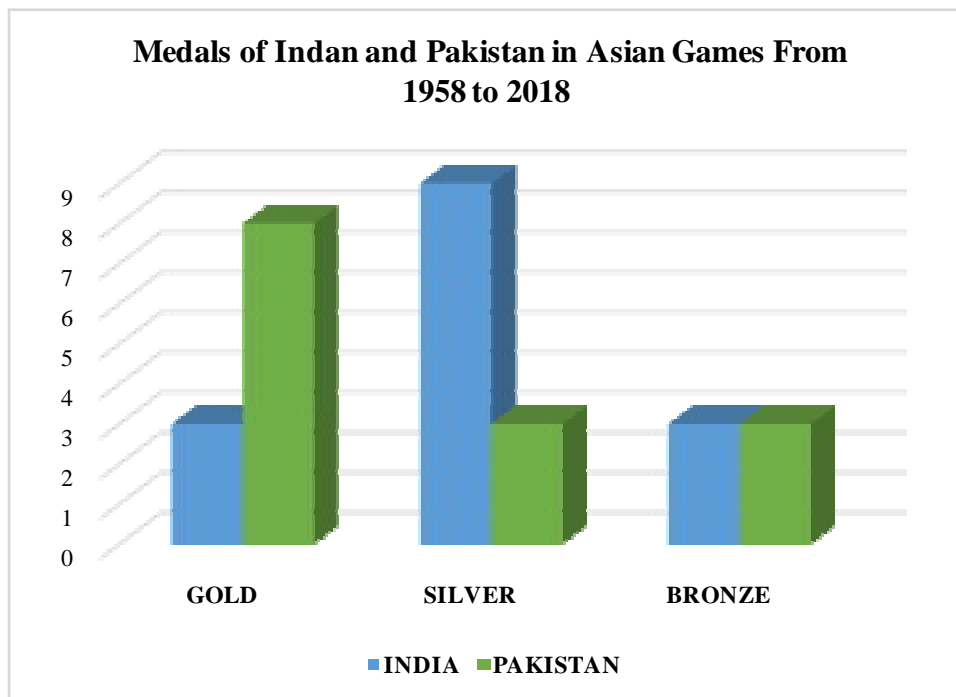


Figure1: Graphical representation of India and Pakistan Medals

References

1. <http://www.ocasia.org/Sports>
2. https://en.wikipedia.org/wiki/Field_hockey
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