



# International Journal of Physical Education, Sports and Health

P-ISSN: 2394-1685  
E-ISSN: 2394-1693  
Impact Factor (ISRA): 4.69  
IJPESH 2015; 2(1): 153-154  
© 2015 IJPESH  
www.kheljournal.com  
Received: 15-07-2015  
Accepted: 18-08-2015

**Azad Singh**  
Scholar, Jiwaji University,  
Gwalior, India.

**Ajab Singh**  
Scholar, Jiwaji University,  
Gwalior, India.

## Critical analysis of performance and success rate of Indian male athletes at Asian games till 2014

**Azad Singh, Ajab Singh**

### Abstract

This paper investigates the Asian games till 2014 in order to determine the participation and success rate (medal count) of Indian male athletes in different particulars. For the purpose of the study, 177 male athletes who had secured medal in various Asian Games till 2014 were selected as the subjects for this study. Success rate is determined by calculating the total number of gold, silver and bronze by Indian athletes in different games.

The data was analysed by percentile statistics. The percentile was recorded with the total medals distributed in the Asian games and total medals secured by Indian male athletes at Asian games. In analysis the total number of medals distributed is mention as standard and percentile calculation of Indian male athlete's performance was calculated to ensure the overall success rate of Indian male athlete at Asian games till 2014.

It is concluded and evident from analysis that the overall success rate was 12.81% of Indian male athletes at Asian games till 2014 in track and field events and the total distributed medal at Asian games in track and field events is 1108 and number of medals secured by Indian male athletes is 142.

The conclusion of this research recommended that the results should be sent to Ministry of sports Govt. of India for necessary action to the identification of talent and sports infrastructure for the game of Athletics and professional trainers and coaches be appointed in Athletics for systematizing the training programme of athletes.

**Keywords:** Asian games, Indian male athletes.

### 1. Introduction

The Asian Games, also known as Asiad, is a Pan continental multi-sport event held every four years among athletes from all over Asia. The Games were regulated by the Asian Games Federation (AGF) from the first Games in New Delhi, India.

Indian male athletes contribute a very important part in glory achievement in Asian games. As physical performance of male athlete of India is relatively strong so that they can be able to secured more in competitive games but the total achievement yet be satisfactory. As conclusion of this research the balanced training programme and coaching are very useful to enhance the achievements.

### Objective of the study

The main objective of the research is to analyse the performance and success rate of Indian male athletes at Asian games till 2014.

### Observation

| Sr. no | Medals | No. of medal secured by Indian male athletes |
|--------|--------|--|
| 1      | Gold   | 46   |
| 2      | Silver | 46   |
| 3      | Bronze | 50   |
|        | Total  | 142  |

| Total no of medal distributed at Asian games | Total no of medal secured by Indian male athletes at Asian games | Success rate of Indian male athletes at Asian games |
|--|--|---|
| 1108   | 142  | 12.81%  |

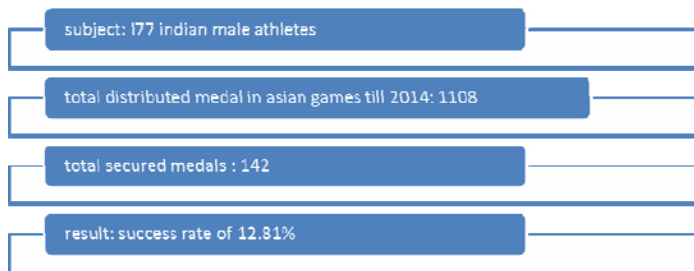
**Correspondence**  
**Azad Singh**  
Scholar, Jiwaji University,  
Gwalior, India.

### Methodology

The subjects for the study were Indian male athletes who had participated and secured medal in Asian games. The data was collected on the basis of performance of Indian male athletes at Asian games till 2014 and analysed by percentile statistics.

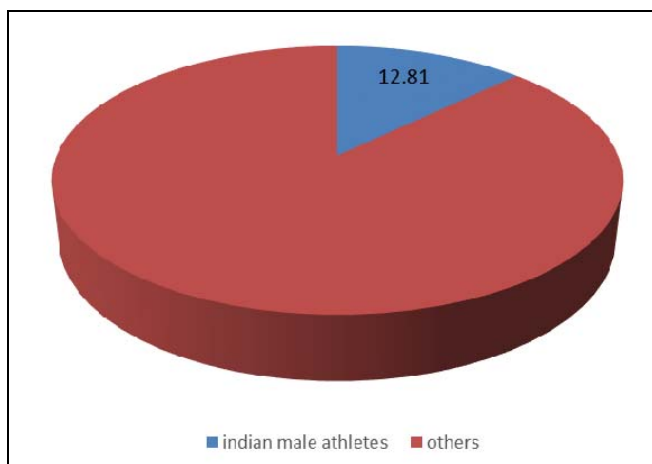
All the subjects for the study are categorised separately according to their events and their position at Asian games to achieve clear observation of success rate of Indian male athletes in Asian games.

The percentile was recorded with the total medals distributed in the Asian games and total medals secured by Indian male athletes at Asian games to ensure the overall success rate of Indian male athletes.



### Result and Calculation

The total performance of Indian male athletes till 2014 is found 12.81% that is not good as compared to other countries and population wise but quite satisfactory in relation with their level of training and coaching programme.



- It is concluded that Indian male athletes are only able to secure 142 medals out of 1108 medals in Asian games that mean the success rate is 12.81% only.
- It may be concluded that the male athletes secured 46 gold, 46 silver and 50 bronze medals at Asian games.

### References

1. Coakley Jay J. Sport in Society, Issues and controversies A look at the past: How have sports changed throughout history, Sixth Edition, (Mc Graw-Hill), 62
2. Singh Hardayal. Science of sports Training DVS. Publications, New Delhi, 1991, 1.
3. Singh Hardayal. Science of sports training D.V.S. publications, New Delhi, 287.
4. Athletic (track and field) competition rules book.p.11
5. Brown Lyndon, Grineski Steven. Competition in physical education: An educational contradiction? Journal of phy edu 1992; 63:17.
6. Hogan K, Norton K. The price of Olympic Gold; Journal

- of Science Medicine and Sports/Sports Medicine in Australia. 2000, 203-18.
7. Milne C. Medical Issues relating to Sydney Olympic Games Wariua medicine, Hamilton, Newzeland, 1992, 287-298.
8. Markus HR. Models of Agency in Japanese and American Context, (Psychol Science) 2006, 103-113.
9. Samson J, Yerles M. Racial differences in sports performance Physical Education Department, Laval University, Quebec, 1988, 97-102.
10. Sukhdeep kaur. Causes of poor performance of Indian hockey at international level and its remedies. Unpublished m.p.e.thesis jiwaji university, Gwalior, 1987.
11. Balbir Singh. Disasters of today, the Hindustan times Sunday magazine, 1987.
12. Ogunbiyi Daniel Ognynjivenjo, the Development of Nigeria's participation in international 1978; 39:752-A.
13. Kanwaljit Singh Bajwa. An analysis of the causes of failure of Indian basketball in the Asian competitions," unpublished M.P.E. Thesis, Punjab University, Patiala, 197.
14. Peronnet F, Thibault G. Mathematical analysis of running performance and world running records Department d' Education physique, University de Montreal, quebec, Canada. Copyright the American physiological society, 1989.
15. Hopkins G. will Competitive Performance of Elite Track-and-Field Athletes: Variability and smallest Worthwhile Enhancements Sport Science (sports.org/jour/05/wghtrack.htm) Sport and Recreation, Auckland University of Technology, Auckland 1020, New Zealand. Reviewer: Esa Peltola, Aspire Academy for Sports Excellence, Doha, Qatar 2005; 9:17-20.
16. Bartlett R. Performance analysis: can bringing together biomechanics and notational analysis benefit coaches? International Journal of performance Analysis in Sport Publication date: 2001-07-01, publisher: University of Wales Institute, Cardiff, 2001; 1,1(5):122-126
17. Tucker R, Lambert MI, Noakes TD. An analysis of pacing strategies during men's world-record performances in track athletics. Int J sports physiology performs. 2006; 1(3):233-45.
18. Dannis Michael docheff. A study comparing the teaching effectiveness of high school coaches and success rate, dissertation abstracts international 1988; 48(3):455.
19. Dorothy rough and Robert wall, measuring sports participation, international journal of sports psychology. 1987; 18:112.
20. [http://en.wikipedia.org/wiki/track\\_and\\_field](http://en.wikipedia.org/wiki/track_and_field)
21. <http://www.chinahighlights.com/2010-asian-games/asian-games-history.htm>
22. <http://www.heraldscotland.com/sport/commonwealth-games/cwg-news/kiribati-tops-per-capita-table-for-gold-medals.24919027>
23. <http://www.abs.gov.au/Ausstats/abs@.nsf/0/be9f47591541e29eca256ef40004f25a?OpenDocument>
24. <http://www.nytimes.com/2008/08/12/sports/olympics/12indiagold.html?ref=olympics> New York Times: With India's First Gold, Suddenly a Billion People Notice the Olympics.
25. <http://www.photius.com/rankings/medals2.html>. Retrieved 2008-08-20, Olympic Medals/Population". Photius Coutsoukis.
26. Kort E Patterson | Website by Overall Technology Inc. | Powered by Drupal CMS