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## An estimation of drugs abusing in the Olympic by continent from 2008 to 2016

**Jasmati and Vishan Singh Rathore**

**Abstract**

There are total 206 countries that the international Olympic committee (IOC) recognizes as eligible to participate in the Olympics. The purpose of this paper to find out drugs abusing in the Olympics by the continents. Total 1016 Olympics athletes male and female were selected, and the result depicted by the help of pie chart, where the Europe continent athletes found maximum (35%), using the drugs, than Asian continent (31%), after that African continent (26%), than Oceania continent (1%) followed by the American continent (7%) from 2008 to 2016.

**Keywords:** drugs abusing, international olympic committee

**Introduction**

The use of pharmacological agents to improve athlete performance, or “doping”, has been reported as early as the 3<sup>rd</sup> century. “doping” is described by the international Olympic committee (IOC) as “the administration of or use by a competing athlete of any substance foreign to the body or any physiological substance taken in abnormal quantity or by an Abnormal route of entry into the body with the sole, intention of increasing in an artificial and unfair manner his/her performance in competition. When necessity demands of medical treatment with any substance, because of its nature, dosage, or application is able to promote the athlete’s performance in competition in an artificial and unfair manner, this too is regarded by IOC as doping”<sup>[1]</sup>

Although there have been anecdotal reports of doping throughout history, at the middle of the twentieth century that documentation of usage become more wide scored. One of the reasons for this increased awareness of usage is that pharmacology has improved significantly. As more powerful and effective drugs were developed, some athletes began to see the potential for artificially enhancing their own performance<sup>[2]</sup>.

Legislation was prompted as rumors for Ergogenic enhancement in sports. The IOC's medical commission was founded in 1967. One of their principle duties involved the investigation of possible drug misuse by athletes. Officially drug testing in games began with the 1968 Olympic in Mexico City<sup>[2]</sup>.

**Objective of the study**

The purpose of this study was to estimation of drugs abusing in the Olympic by continent from 2008 to 2016.

**Methodology**

**Selection of subjects**

The total 1016 Olympic athletes, male female who were players of Olympics from 2008 to 2016.

**Selection of variables**

The variable that select for this research study for continent that are the officially recommended by international Olympic committee (IOC) random selection of the players done.

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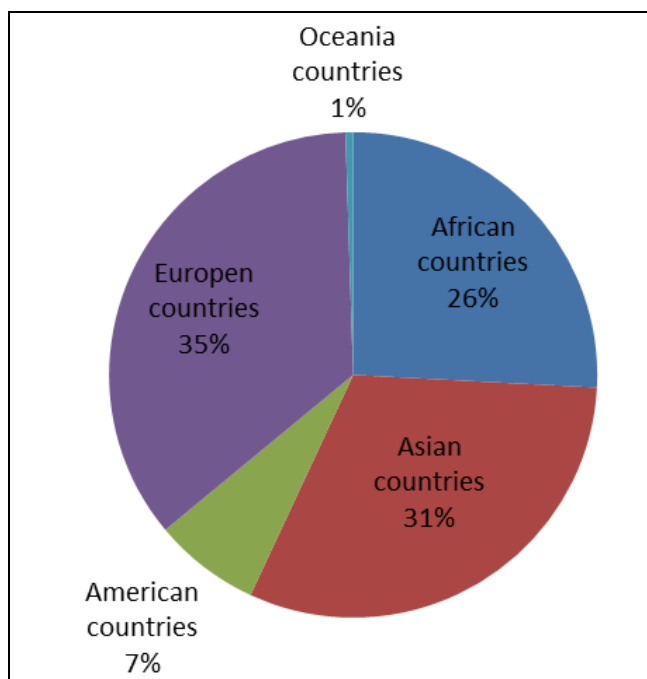
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### Statistical technique

For determining the comparison which continent athletes five of them are the more abusing the drugs in the Olympics. With the help of pie chart data will be represent. No other statistical tool will be used.

### Result and findings of the study



**Fig 1:** Continent Wise Drugs Abusing

**Table 1:** Continent Wise Drugs Abusing

Sr. No.	Continent	No. of players
1	Europe countries	353
2	Asian countries	313
3	African countries	263
4	American countries	075
5	Oceania countries	012
6		Total =1016

To conclude this discussion of finding it can be stated that subject chosen in this above study were mainly selected from different nations of the different continents. Those 1016 players were belongs from different events of the athletics. Findings are very clear Europe countries players more using the drugs and doping, than Asian countries, after that African countries, than after American countries, at last who found least using the drugs and doping in sports that is Oceania countries.

### Conclusion

Steroid and human growth hormone usage had become increasingly popular amongst professional athletes in a wide range of sports in the past couple of decades (Tolliver, 2004). On the basis of the findings of the study, the following conclusion may be drawn:

- From the total sample of the all athletes of the Continents, Maximum abusing of drugs found by the European continent, and minimum using of drugs kept by Oceania continent.
- Second highest drugs abusing found by the Asian continent, and 3<sup>rd</sup> highest drugs abusing by the African continent.
- Fourth highest drugs abusing by the American continent.

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