

Is Large Population an Impediment in City's Development?

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Abstract— This topic covers assumptions made by most of the people that, if a city's population is large it will affect its growth and the development of the city. So, the survey tries to cover all possible aspects on views and tries to relate it to real world facts. Here on the basis of data collected with the help of the survey from cities, it shows that crowd, few or less and opportunities as well as skills of the people, all matters in the development of a city.

Index Terms— HDI (Human Development Index), Provisional population census of India 2011, Amplify the burden, foreign investors, Talent of city.

I. INTRODUCTION

The topic, Is Large Population an Impediment in City's development, discusses about the possibilities of whether an Indian city which has high population density puts a burden on city's development? Indian cities which has high variation in terms of population, there are cities in India which has large amount of population like Mumbai, Delhi, Bangalore, Hyderabad, etc. and there are cities which consists of small density of population like Srinagar, Jammu etc. The purpose of this survey is to get a clear picture that does a city's development depends on the amount of people it has or the amount of talent people have helps to build and develop any city [1]. There may be assumption among people that large populated cities amplify the burden on resources like land, water, and food and so on [2]. The paper tries to investigate and evaluate the effect of high or low population on any Indian city [3]. Globalization has changed the pattern of urbanization in a significant way. The interest of foreign investors are directly linked to the modernization, connectivity, skilled workforce and cost competitiveness. All these factors provide opportunity for growth in terms of skills and capital to every city densely populated or largely populated. [4]. Taking the overview of the survey conducted interesting facts observed are, a city such as Mumbai which has a great economic record, despite of its impressive past, it has also seen slowdown. The reason for this was, there was burden on Mumbai city in terms of population growth. Other

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small cities due to facilities and opportunities provided emerged as a competitor to Mumbai city [5]. Other factors such as easily available transport and access to facilities such as internet also boosts towards the development of any city. The availability of all necessary tools such as internet, communication makes it easy for city's crowd to get in touch with the world and growth in terms of skills. This will automatically add towards city's development. [6]

II. SIGNIFICANCE OF STUDY

The population of the India country is increasing day by day so it is very important to understand to role of the population in the development of the developing country India. There are the people those who believe that the population is the barrier in the development of the country and many people has the opposite opinion about the increasing population. So, it is very important to understand and know the view of the people towards the development of the country. It is also very important to actually know whether the actually the problem for the developing country then it vital to reveal all the point which is affected due to population so that the people can work on this issue to reduce or to maintain the population because this is the issue which cannot control by anything until and unless the people will not aware about the drawback of the increasing population. So, this study high lights all these points using the survey based study on the topic.

III. RESEARCH METHODOLOGY

This is research work is use to evaluate and understand the mentality and psychology of the people about the increasing population India and what is there opinion about the increasing population in India. The survey based methodology is adopted for collect the opinion and comments regarding the increasing population in India. . So, here based on the current problem and the drawback of the population the questionnaires for this research work is prepared.

A. Overview of methods

In order to collect a generalized data that represents the whole population from the samples. Questionnaire survey was adopted as a data collection method. The questions are prepared in such a way that it targets audience of young, middle aged and old age group, so it covers broader section of the society.

B. Subjects and Procedures

The data plays very important role to understand and conclude the results and the finding about the particular research and it is also used to prove the hypothesis. The data used in this study was collected via online self-administrated survey. The data were collected from public of young, middle aged and older age group as well. The questionnaires are

Is Large Population an Impediment in City's Development?

designed in such a way that it is easily understood by everyone. The options or the answers of the questionnaires can be easily understood by all responders. At the end of the data collection process total number of 106 responses has been collected successfully.

IV. RESULT

Mumbai City is economic capital of India. It will require a co-ordinate effort of the Government, the Private Sector and its citizens to remove the obstacles to foster development and towards making Mumbai a nationally and internationally desirable destination for business and investment.

A. Which city according to you has largest population in India?

As per survey conducted Fig. 1 Shows 62% of people voted Mumbai to be the largest populated city in India as compared to cities such as Delhi, Bangalore and Hyderabad.

TABLE 1 Large populated city in India

Cities	Percent	No. peoples
Mumbai	62%	66
Delhi	13%	14
Bangalore	16%	17
Hyderabad	8%	9
Total		106

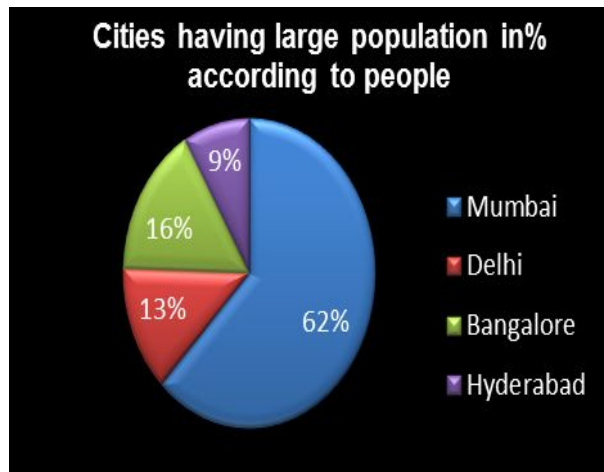


Fig.1. Large populated city in India.

B. Do you think city's population affects the development of city?

Another question that was asked to the crowd was that, according to their opinion do they think population affects the development of city? From (Fig 2) Approx. 69% of people stated that yes population effects the development of city.

TABLE 2 Large populated affect development

Answer	Percent	No. of Peoples
Yes	68.87%	73
No	31.13%	33
Total		106

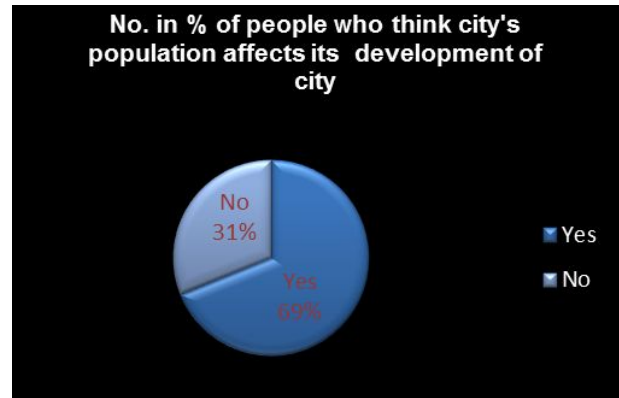


Fig.2. Affect of city's population on its development

Another question which was designed to see the views of people according to them, Do they think small cities have scope of development? This question checks on what basis people think that small cities don't have scope for development.

TABLE 3 Small cities and its scope for development

Answer	Percent	No. of Peoples
Yes	49.30%	35
No	66.98%	71
Total		106

As from Fig.3 we can conclude that 58% of people think that small cities don't have scope for development because of its less population, people think that if a city's population is less it cannot develop rapidly as compared to those with large population.

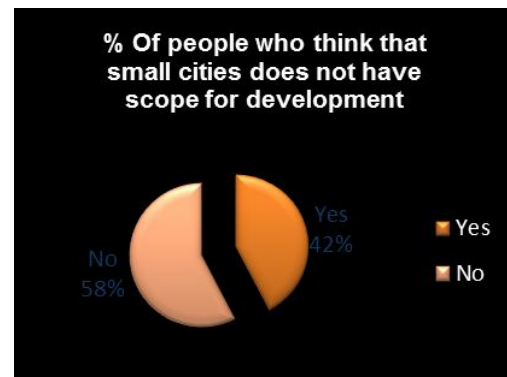


Fig. 3. Small cities and its scope for development

C. Does city's increased population amplify the burden on the resources like land, water, food etc.?

Another question which was asked to people was that do they think that increased population amplifies the burden on natural resources like land, water, food and so on.

TABLE 4 Effect of large population on natural resources

Answer	Percent	No. of Peoples
Yes	73.58%	78
No	26.42%	28
Total		106

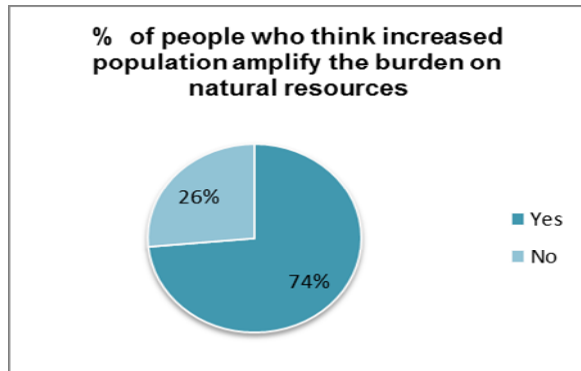


Fig.4. Effect of large population on natural resources

From the diagrammatic representation Fig 4 we can conclude that 74% people voted and were in favor of the view and fact that, if a city is largely populated it will amplify the burden on natural resources making it difficult for people to even get the basic facilities needed for survival. More questions related to Mumbai city were asked as to what people think city like Mumbai is more developed because of its high population or for the reason that it is economic capital of India. The views given by the crowd are as follows with the table and respective diagrammatic representation.

D. Do you think city like Mumbai is more developed because of its population or because it is economic capital of India?

TABLE 5 Factors affecting development of Mumbai

Answer	Percent	No. Peoples
Population	30.19%	32
Economic capital	69.81%	74
Total		106

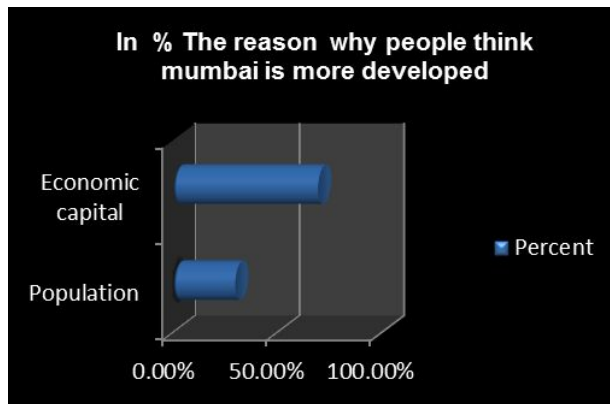


Fig.5. Factors affecting development of Mumbai

As from the Fig 5 we can conclude that approx 70% of people voted that the reason for Mumbai being more developed is because Mumbai is economic capital of India. Being economic capital of India Mumbai has more powers resources and other facilities making it more developed as compared to other cities. Questions based on cities having high human development index were also included in the survey. People were asked on what factors they think Kerala has been voted high HDI in comparison with other Indian cities.

E. Why does Kerala have highest human development index among all Indian cities?

TABLE 6 Why Kerala has high HDI

Answer	Percent	No. Peoples
It has high literacy rate	64.15%	68
Highest life expectancy	17.92%	19
Least corrupt city	8.49%	9
India's cleanest and healthiest city	9.43%	10
Total		106

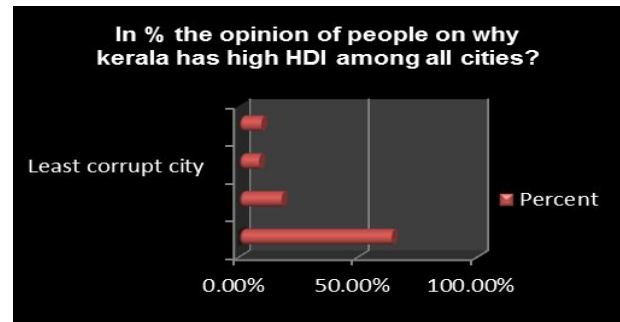


Fig.6. Why Kerala has HDI

As the Fig 6 states that according to people approx. 64% think that the reason Kerala has high HDI is because it's has high literacy rate. We can conclude that the development of a city also depends on its literacy rate. The city which has highly qualified crowd contributes more in terms of tax for the development of any city. Another very important question which was included in survey was, the attractiveness of Mumbai city to the investors abroad have reduced due to its population? This question played important role for getting the answer does large population affects a city's development?

F. Do you think relative attractiveness of Mumbai to foreign investors has declined due to its increasing population day by day?

TABLE 7 Factors for declined foreign investors in Mumbai

Answer	Percent	No. Peoples
Yes	45.28%	48
No	54.72%	58
Total		106



Fig. 7.Factors for declined foreign investors in Mumbai

Is Large Population an Impediment in City's Development?

From the above pictorial representation Fig 7 we can conclude that the relative attractiveness of Mumbai has not declined because of its increased population. From all these factors we can say that the development of any city does not depend upon its population.

CONCLUSION

From all the above data analysis we can conclude that a city's large population does not affect the development of city. There are so many factors, from the data collected we can prove that even small cities like Jammu, Srinagar, and Pathankot can be developed and its small population wont affects the development of these Indian cities. Factors such as Education, general awareness among people about payment of tax so that city can be more developed in terms of infrastructure, facilities etc. play an important role towards the development of any city. Crowd of the city also plays an important role towards the development of the city, if a city is densely or less populated. It still can contribute towards the development of the city on the basis of its talent. From the collected data analysis we can also conclude that large population of city not necessary will amplify burden on natural resources like land, water, food etc. if population is large all these things can be made available. Also yes, large population does effect and puts stress on the environment and the society, for that the solution is that the population should be equally distributed among the cities so that the burden is less.

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REFERENCES

- [1] "The population myth", Times Journal, 25 August, 2014.
- [2] A Ghanbari, M. Safarpour, Gh. Kord, "The Investigation and Evaluation of Economic Effects of BRT on Commercial Efficiencies of Street Margin", the Case Study of Tabriz Metropolitan, University Square to Shariati Crossroads, January 16, 2012, pp. 31-34 .
- [3] Narendra Jadhav, "Economic renewal of Mumbai city: Opportunities and constrains", the International Conference on Urban Renewal: Learning's for Mumbai, May 24-26, 2005.
- [4] Anup Shah, "Stress on environment, society and resources", September 18, 2001.
- [5] Anup Shah, "Effects of Over-Consumption and Increasing Populations", September 26, 2001.