



ISSN: 2230-9926

Available online at <http://www.journalijdr.com>

**IJDR**

**International Journal of  
DEVELOPMENT RESEARCH**

*International Journal of Development Research*  
Vol. 06, Issue, 01, pp. 6583-6586, January, 2016

### **Full Length Research Article**

## **THE IMPORTANCE ROLE OF TRANSPORT SYSTEMS ON ECONOMIC DEVELOPMENT IN WEST BENGAL**

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#### **ARTICLE INFO**

##### **Article History:**

Received 21<sup>st</sup> October, 2015  
Received in revised form  
01<sup>st</sup> November, 2015  
Accepted 20<sup>th</sup> December, 2015  
Published online 31<sup>st</sup> January, 2016

##### **Key Words:**

Transport network,  
Economic development,  
Modern civilisation,  
Exchange innovation system.

#### **ABSTRACT**

The economic utilization of different type of resource would incomplete without transportation. From the very earliest times, the modes of transportation have greatly been changed. The traditional transportation system was exchange with the innovation of steam and powerful engines. The density of transportation and its development (modernity) is control of economic development of a country. The economic development of any under developing state can be attributed relatively poor condition of transport system. One of the main reasons for the economic backwardness of many of the developing state of every country is the non-availability of modern transportation system. Many economists said that, in many causes' rural poverty systems from the poor development of transport system. In the most of the developing state lack in co-ordination of different means of transport. The necessity of economic development of in a developing state is tremendous. The most important matter at such economic development is to achieve the maximum benefit from each of the existing mode of transport system. Proper co-ordination among the different modes of transport also fasters the uniform growth of the national economy. Then economic development depends on the reason of cost of transportation. The cost of transport of commodities is paramount significance. So far as the choice of particular means is concerned. The transport cost most important for reasons of economic development of any state. And then economic development deepened on relative development of transportation system. The transport systems are very closely related with technological and scientific development achieve by the state. That the modernization of the transportation system is very closely related to economic development in the state

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#### **INTRODUCTION**

Transport often plays the role of a change the economic condition of modern civilization. The Transport helps to the society and a state's economic development in different ways. The Transport is a system to increases the power of economic development. Transport being the most important and active phenomena to improve society and the state's. The more developed nation of the world exhibits an integrated system of transport networks and it's modernity in clearly index of economic development of a country as well as a state.

##### **Present Situation**

At present it is most important to role that the transport system of West Bengal is different types and different ways. The Transport is most important role to play for economic development.

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The Transport of in this state is very high and different types. Speed of Transport is an importance of part of Transport system. Speed of Transport, The rapidity of movement of any particular commodity by any particular means is of great significance. Road Transport is supposed to be more efficient than railway transport. Road or Railway Transport is not only the quickest but also the most important. Road way transport is maximum use in different development of economic condition in West Bengal. Road way it to be advantage of transported for shorter distance, by trucks or motors van.

Rail way transport it's a long-term process. And air Transport is the speediest and quickest transport system. Development of mountain areas of West Bengal is need of this transport networks. There are 2 major ports in the state. Major ports are the direct responsibility of the central government. At present rural roads including village roads and other district roads joined from the main road. Roads are highly significant of the state in economic development.

### Different types of transport system in West Bengal



Fig. 1. Road Transport

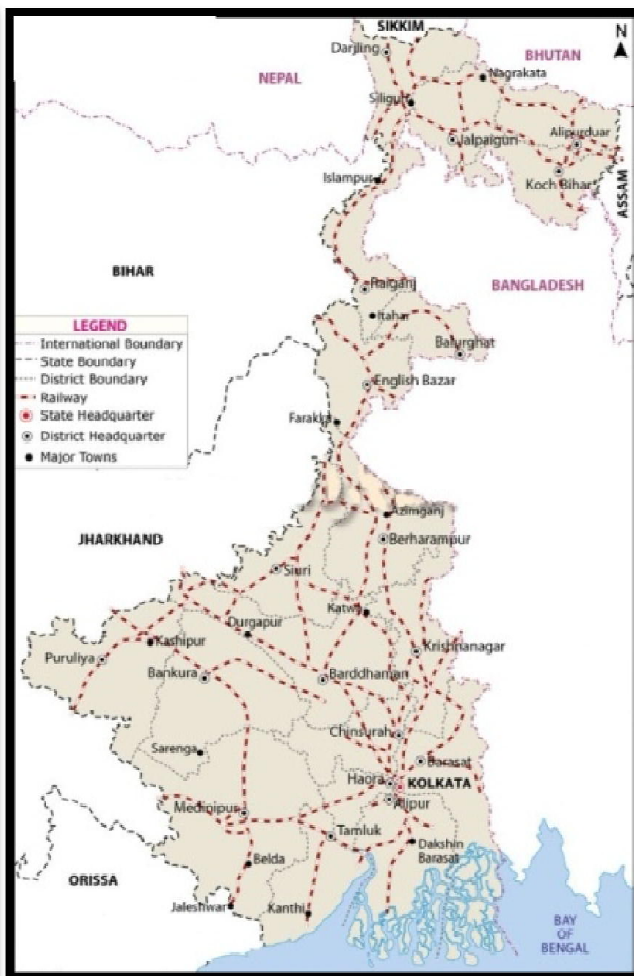


Fig. 2. Railway Transport

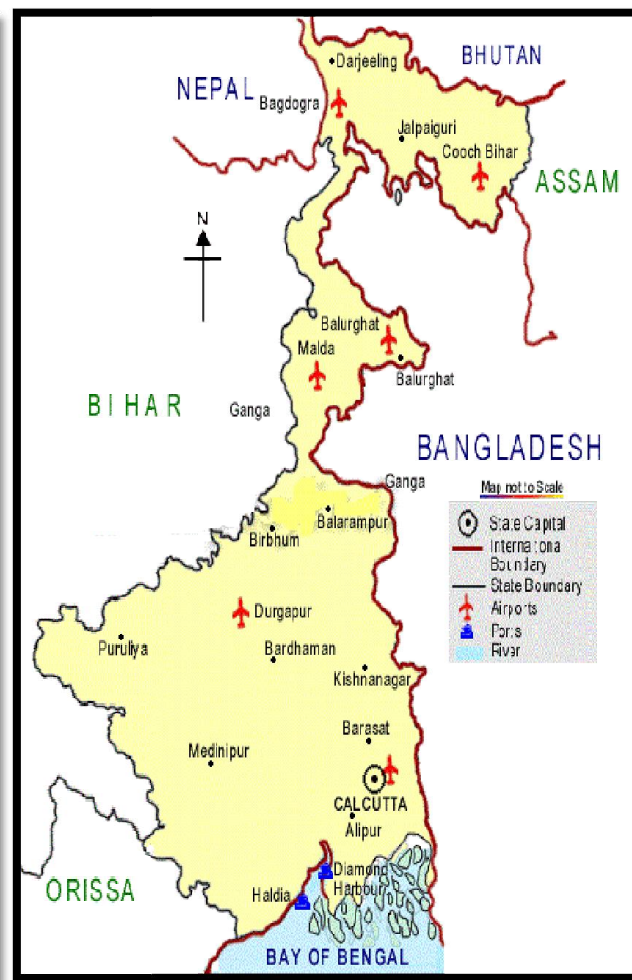


Fig. 3. Air Transport

## Objectives

The primary objectives of Transport system are

- Transport should properly be assessed and used to achieve maximum benefit.
- The sphere of most efficient and economic functioning of different purpose.
- Co-operation in extending facilities for an easy movement of goods and passengers.
- The balanced, growth of different transport media and the pattern should be decentralized in economic development.

## Importance of transport system in West Bengal

Importance of Transport system in different ways. Like road way transport, railway transport, water transport, pipeline transport, air transport etc.

### Road way Transport

Road Transport is a quick transport system in West Bengal. In West Bengal total approximant fifty percentage of goods carry to the road way Transport system by Truck or motor van. The superiority of road Transport in reduced handing faster services from door to door carriage. Road supply the raw materials and help in the marketing of finished goods. They are specially helpful for cottage and small industries.



Fig. 4. Road Transport

### Railway Transport

Railway brings together people from the farthest corners of the states and makes possible the conduct of business and other purpose. Indian railways help the government have been a great integrating force during last hundred years. It has bound to economic life of the state and helped in accelerating the development of industry and agriculture.



Fig. 5. Rail way Transport

### Water Transport

Water Transport is a most greatly and quickest transport system in West Bengal. The Ganga between Allahabad and Haldia, the long water transport route of West Bengal. Water transport is also known for higher employment generation potential. Its operation is currently restricted to a few stretches in the Ganga-Bhagirathi and Hooghly River.



Fig. 6. Water Transport

### Pipeline Transport

Pipeline is the most convenient and suitable mode of transport for the movement of the petroleum products and gases in bulk over long distance.

The setting up of inland refiners at Barauni to Haldia pipeline and Haldia to Bardwan transportation though pipeline. And the north Bengal areas or one pipeline facilities are also available from noonmati to Siliguri transport of crude oil through pipeline in West Bengal.

### Air Transprotation

The rapid speed is the most peculiar feature of air transport. But the transport system is very high charge and high operation capital cost.

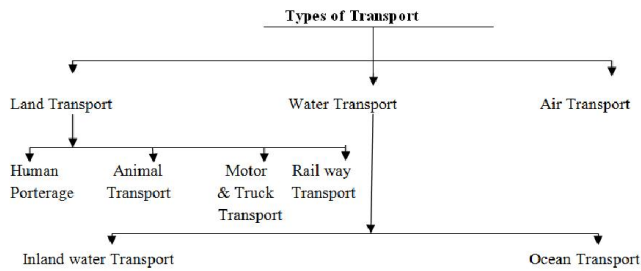


Fig. 7. Air transport



## Types of transport system in west Bengal

The traditional system of transportation was revolutionized with the innovation of different steam of transportation. But present time the modes of transportation have greatly changed.



## Advantages of transport system in west bengal

- Use for transport of goods in different types of vehicles.
- The rapid lily of movement of any particular commodity to one place to other place.
- Short term transportation is easy to Roadways transport system and long term transport easy to railway or air transportation.
- Air plane can fly uninterruptedly over any kind of physical barriers areas for transport facilities.
- The most efficient and economic function each of the different available mode of transport system.

## Importance of the transport system of west bengal in economic development

- The density of transport networks and its modernity is clearly an index of economic development of West Bengal.
- The economic utilisation of different types of resource would completely be impossible to carry of one place to another place without transport system.
- Exchanges of goods that which we call trade, is totally dependent on the availability of transport networks.
- The rapidity of movement of any goods and people from a particular place to another place though the transport system.

## Conclusion

West Bengal, there is ample scope for effective and futuristic development of combined rail, road, air services. Unplanned development of transport networks in many under developed districts is so complicated in nature that it is quite impossible to set up co-ordination among the various modes for transport. It is high time for many developing nations to adopt right measures to avoid such an undesired situation.

Need at the moment is to extend the necessary co-ordination among the existing means of transport and look forward for a mare integrated and planed development of the future modes of transport in West Bengal.

## Acknowledgment

We are highly thankful to the west Bengal P. W. Department, West Bengal transport Department and district P. W. Department, West Bengal for providing research assistance in various forms develop this research article. Further, related articles and journals and humorous books are flow the analysis the problems and prepare the research.

## REFERENCES

- Bhaduri, Sukla 2003. "Mass Transport Services in Calcutta Metropolitan Area", Vaidya, B.C. (ed.), Geography of Transport Development of India, Concept Publishing Company. New Delhi.
- Dey, Teesta 2010. "Sub-urban Railway Network of Kolkata-A Geographical Analysis", Sarkar, Ashis (ed.), E-Transpose, *Indian Journal of Spatial Science*, vol.III no. 3, The Geographical Institute, Presidency University, Kolkata.
- Government of West Bengal 2001. "Master Plan for Traffic and Transportation in Calcutta Metropolitan Area (2001-2025)," Calcutta Metropolitan Development Authority, Kolkata.
- Government of West Bengal, 1967. "Basic Development Plan," Calcutta Metropolitan Planning Organization (CMPO), Kolkata.
- Government of West Bengal. 2010. "District Statistical Handbook, Howrah", Bureau of Applied Economics and Statistics, Kolkata
- Government of West Bengal. "Office Records and Statistics" (Unpublished) 2000-2005. Public Vehicles Department, Kolkata
- Halder, D. K. ed. 2002. "Urban Transport Pricing and Planning", Allied Publishers Limited, Kolkata.
- Halder, D. K. ed. 2007. "Studies in Urban Transport", Book well Publishers, New Delhi.
- Munshi, Sunil Kumar, 1980. *Geography of Transportation in Eastern India under the British Raj*, Calcutta.
- Mitra, Radharaman, 1980. "Kolikata Darpan" (Bengali), 1st part, Subarnarekha Publication, Kolkata.
- Rogerson, Peter, A. 2010. "Statistical Methods for Geography, A Student's Guide", SAGE Publications Ltd., London
- World Bank, 2002. "Cities on the move- A Urban Transport Strategy Review", Washington D.C.
- Yeats, Maurice 1972. "An Introduction to Quantitative Analysis in Human Geography", McGraw Hill Publication, New York.

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