

GIS Based Study and Statistical Analysis of Interstate Migration in India

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Abstract

This study attempts to determine some of the factors that affect interstate migration in India, using 2001 Census data as basic data source. These factors are related to Economic, Socio-Cultural issues. Migration's role in economic development is widely recognized. Using Correlation Regression Analysis of Statistical method it has been found that net migration for employment and business purpose is positively influenced by level of per capita income, Industrial and Technical development and negatively influenced by unemployment rate. Higher education facilities is also one of the major pull factor of in-migrants, and it is also has been found that the net migration for educational purpose is positively influenced by no. of universities in state. Cluster or Hot Spot Analysis has been used for the study of regional distribution of in-migrants in states. Weighted Flow Line method has been used to show the highest out-migration. **KEYWORDS:** Migration, Economic Development, Socio-Cultural Factors, Per Capita Income, Higher Education Facilities, Hot Spot Analysis, Weighted Flow Line, In-migrants, Out-Migration.