

# **STATISTICAL APPROACH OF TOURISM IN THE NORTH EAST REGION IN COMPARISON WITH OTHER REGIONS OF ROMANIA**

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## **Abstract**

The objective of this paper was to determine the development and the evolution of the tourist activity in the North East Region, compared to the other development regions of Romania. The research was performed through a system of tourism indicators applied in the Romanian regions (including North East) obtained from the National Institute of Statistics. In this context, we intended to evaluate the expansion of tourism in Romania, from a regional perspective, highlighting the North East region, throughout the period 1990-2014. This comparative analysis was carried out using the statistical method called ANOVA and the Post Hoc Test - Games Howell. The investigation allowed us to ascertain possible differences of the tourist activity of the eight development regions of Romania. In order to achieve the objective, our study implied the analysis of several relevant indicators for tourism: the accommodation capacity, the number of arrivals, the number of overnight stays, the length of stay and the net use of accommodation capacity index. Processing the data related to a period of twenty-five years, the analysis allowed us to draw conclusions about the existence of differences between the values of indicators across regions. The comparative analysis of the available data reflected a number of differences between the North East Region and the other regions of Romania. Eventually, the North East region recorded lower values for the analyzed indicators, while South East and Central regions recorded significantly higher values than the other regions for the majority of indicators.

## **Keywords**

Romania, regions, North-East, tourism indicators, comparative analysis.

## **JEL Classification**

L83, Z32, R11.

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