

Research on the Interactive Relationship between Regional Logistics and Regional Economic Growth

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Abstract: In recent years, the national economy in various regions is developing rapidly, and with the continuous acceleration of the modernization process, the role of regional logistics in promoting regional economy is increasingly obvious. In this context, it is of great significance to explore the interaction between regional logistics and regional economic growth. After a brief understanding of the development of regional logistics and regional economy, this paper studies the interaction between them, and puts forward some countermeasures and suggestions.

1. Introduction

In recent years, in the support of the national policy, the logistics industry has achieved good development, becoming the basic industry in the national economy, and playing an important role in promoting the economic development. More and more scholars have studied the regional logistics and regional economy, and the future logistics scale will be expanded, and the impact on the development of the economy will also increase, and the analysis of the interaction between the two will be strengthened, and the development of the two can be promoted.

2. Current Situation of Regional Logistics and Regional Economy

As one of the key industries in the process of national development, the development speed of logistics industry has been improving in recent years. In 2017 alone, the total revenue of logistics industry in China reached 8.9 trillion yuan, and the total amount of logistics also reached 329.7 billion yuan. Take Beijing as an example, its location condition is unique, the logistics industry develops rapidly, as the national capital, its own comprehensive strength is relatively strong. Looking at the coordination data of regional logistics and regional economy in the past, Beijing logistics has always maintained steady growth from 2006 to 2017, from added value, business income, total logistics, number of employees, freight volume and goods. In terms of turnover, added value, freight volume and cargo turnover have directly increased by four times from 2006 to 2017. During this period, the overall material flow of the country has increased by about 3.8 times. It can be seen that the logistics industry in Beijing has great space for development, and the logistics demand is also exuberant, and the development is rapid. From the economic point of view, GDP directly increased 31 times from 2006 to 2017, the growth rate of gross domestic growth (GDP) remained above 7 percent, and the output value and the proportion of industrial structure of the tertiary industry continued to increase [1].

3. Analysis of the Interaction between Regional Logistics and Regional Economy

3.1 Research Methods

It can be seen that the relationship between regional logistics and regional economy is dynamic and complex, so the grey correlation method is used to analyze the interaction between them. In this paper, Beijing is selected as the main research object, as a region with good national development and early start, the accuracy of the relationship is higher. In order to fully show the level of logistics development in Beijing, six indicators, namely, added value, business income, total logistics, number of employees, freight volume and cargo turnover, are selected. In terms of the level of

regional economic development, the added value of the tertiary industry of regional GDP, is selected as the proportion of GDP, the amount of fixed assets investment in the whole society, and the society. Total retail sales of consumer goods, total import and export of foreign trade these five aspects. Taking the statistical data of Beijing from 2006 to 2017 as an example, the concrete analysis is carried out.

3.2 The Role of Regional Economy in the Development of Regional Logistics

From the effect of regional economy on the development of regional logistics, the correlation degree between the four indexes and the added value of the logistics industry is more than 0.6. Therefore, the regional economy of Beijing can significantly influence the development of the logistics. From the three aspects of the value-added of the tertiary industry, the proportion of the GDP, the total investment of the fixed assets of the whole society and the total import and export of the foreign trade, the degree of correlation between the investment of the fixed assets of the whole society and the added value of the logistics industry is the largest, that is, the close degree of the two is the highest. Therefore, to speed up the construction of the infrastructure of the region, such as roads, railways, ports, aviation and the Internet, it is also an indispensable condition for the development of the logistics industry [2].

3.3 Effect of Regional Logistics on Regional Economic Development

From the point of view of the influence of regional logistics on regional economic development, the correlation between the above six indexes and regional GDP is more than 0.5, in which the correlation degree of added value, business income, total logistics, number of employees, turnover of goods and regional GDP is more than 0.6, reaching a significant correlation. Thus it can be seen that in the actual development process, the development of regional logistics in Beijing has a significant impact on the regional economy. The correlation between business income, total logistics and regional GDP is more than 0.8. It can be seen that these two indicators have a very close relationship with regional GDP, and to a certain extent. To some extent, they also reflect the development needs of regional logistics.

3.4 Conclusions of the Analysis

Generally speaking, there is a mutual promotion and close interaction between regional logistics and regional economy, so if we want to make the region develop as a whole and comprehensively, we must make the two develop harmoniously. However, from the current development situation of the region, we still need to take a series of countermeasures to fundamentally improve the comprehensive development ability of the region.

4. Concrete Measures for Coordinated Development of Regional Logistics and Regional Economy

Through the analysis of regional logistics and regional economic index, it can be seen that the effect of regional logistics and regional economy is the most important to regional economy, and the development of regional economy will also drive the progress of local logistics industry. On the basis of this, some measures are put forward to the development of the coordination between the regional logistics and the regional economy.

4.1 To Create a Characteristic Regional Logistics Industry

The economic development level of different regions is different, so in order to realize the coordinated development of regional logistics and regional economy, it is necessary to create a characteristic regional logistics industry, accelerate the development of regional logistics, and give full play to the regional advantages [3]. For example, some major agricultural provinces can carry out agricultural logistics, actively develop the transportation of agricultural products, let the agricultural economy develop, but also make the logistics level get better development, and can also summarize and analyze their own interesting advantages and build a diversified regional logistics

industry. Taking Hainan province as an example, as a major agricultural province, it can carry out a variety of logistics models, such as the transportation of vegetables from the south to the north, the transportation from the south to the north, and the realization of cold chain transportation. The agricultural development can be driven, and the level of the logistics can be improved. In addition, Hainan is in a great location, and belongs to the center of China and the ASEAN free trade area. It can radiate south-east asia. Therefore, the development of the logistics industry can be put on the foreign logistics business, and the development space will be further expanded.

4.2 Improve the Efficiency of the Logistics Industry and Reduce Costs

Improving efficiency and reducing cost is the focus of logistics industry at the present stage. Different regions not only have different industrial development, but also have great differences in terrain environment. Therefore, in the process of developing logistics, low cost and high efficiency logistics should be carried out with the help of geographical location and regional advantages. For example, the coastal area can choose the way of water transportation, strengthen port construction and build port logistics, so as to promote the development of surrounding industries. In addition, in the context of e-commerce era, it is necessary to establish a logistics information platform, open information platform for the whole province, and even the whole country. Taking Heilongjiang Province as an example, this paper puts forward a higher level of logistics enterprises in Heilongjiang Province. Requirements, including: logistics benefits, logistics green, logistics information platform construction, in order to promote the overall development of the local logistics industry, reduce logistics costs.

4.3 Strengthen Support and Help to Logistics Enterprises

In the course of the actual development, we should also strengthen the support to the logistics enterprises, create a good investment environment, attract foreign investment, and develop the regional logistics by means of external force. It is the most direct way to promote regional economic development, and to attract high-quality logistics enterprises to enter the region, it is necessary to have sufficient time. Now, the logistics industry in all regions is in the process of rapid development and improvement, thus attracting the attention of many logistics enterprises, and the local government will adjust the policy strategy according to the needs and characteristics of these enterprises, and create better conditions for the enterprises. so as to attract the positioning and the full of the excellent enterprises The role of the enterprise can be played, the logistics industry can be better developed, and the pulling effect of the regional economy can be effectively improved. For example, in recent years, the development momentum of the logistics industry in Hainan Province has been strong, attracting the attention of many logistics enterprises, including: CNOOC, China Shipping Group, China-long Group, etc., each enterprise has different needs and characteristics, and in the light of the actual situation of the enterprise according to the local situation, In the meantime, the government should make appropriate improvement and optimization, so as to give full play to the role of the enterprise.

4.4 Improve the Importance to the Training of Logistics Personnel.

Any industry development cannot be separated from the construction of talents, logistics industry is no exception, in the actual development process, from the regional government level to raise the importance of talent training and introduction work, encourage colleges and universities to set up logistics management major, for the development of regional logistics to lay a good talent base, to meet the talent reserve needs of logistics development. In addition, each logistics enterprise should also actively introduce the corresponding talent attraction policy, perfect and optimize the internal salary structure, construct a reasonable human resource management system, so as to attract and retain outstanding logistics talents, so that the enterprise can get better development. For example: Hainan Provincial Government on the introduction of logistics personnel and. The training work has put forward the concrete request, each university positively responds to the government call to set up the logistics management major one after another, realizes the school enterprise administration tripartite cooperation, carries on the order form training work, has the plan, has the

step by step to provide the high quality talented person for the Hainan logistics industry. Not only that, the Hainan provincial government has also put forward the policy of attracting talents, and strengthened the surrounding planning, such as schools, shopping malls, parks and other infrastructure, which has provided convenient living conditions for logistics talents, effectively attracted excellent logistics talents at home and abroad, and laid the foundation for the long-term development of the economy.

4.5 Development of Regional Economy to Promote Logistics Development

In addition to the above countermeasures, from the model analysis, it can be seen that the regional economy also plays a very obvious role in promoting the development of logistics. As an important product of modern regional economy, logistics industry has a very important strategic position. As one of the basic industries in the future, it must be paid attention to. Therefore, in the actual development process, we must actively develop the regional economy, so that the logistics industry has greater space for development. For example, the development of modern economy belongs to environmental economy. When developing regional economy, strengthen environmental construction, fundamentally solve many different problems, such as low efficiency of service window, poor service quality or so on, so as to make regional economy It has been fully revitalized. For example, Heilongjiang Province has carried out the work of simple government and power release, creating an organization with high efficiency and high quality of examination and approval, and comprehensively strengthening the supervision of the unit, creating a good image of the province and city, building a civilized platform, attracting investors to invest, and in the process of investing in the development of soft and hard environment, the development of logistics industry will also be expanded.

5. Conclusion

In summary, regional logistics and regional economy have a certain degree of dynamic and complexity, which is a grey system. Especially in the current context, national policies, science and technology have laid a good foundation for the development of regional logistics. Comprehensively, regional logistics and regional economy have an inseparable relationship. Therefore, all regions should promote the upgrading of industrial structure, strengthen policy support, improve synergy, and promote the further development of regional economy.

References

- [1] Wu, Biao., Li, Xuefei., Li, Yun., and so on. (2019). Co-integration model and empirical study of logistics and economic development in less developed areas. *Logistics Technology*, vol. 38, no. 08, pp. 37-41.
- [2] Liang, Chengliang., Yuan, Liang. (2018). A Study on the Interaction between Regional Logistics and Regional Economic Development in Hubei Province. *Value Engineering*, vol. 37, no. 15, pp. 7-10.
- [3] Wu, Junhong. (2017). The interactive relationship between regional logistics and regional economy in the context of e-commerce _ in Beijing as an example. *Commercial Economy*, no. 06, pp. 69-71.