

Song Xin

School of Business of BSU, Minsk, Belarus, xinsong004@gmail.com

THE IMPACT OF INNOVATIVE LOGISTICS DEVELOPMENT ON ECONOMIC GROWTH IN CHINA

The modern logistics industry has become an important material basis for promoting inter-regional economic and trade cooperation. Doing a good job in the optimization and innovation construction of the logistics industry and giving full play to the advantages and key roles of the innovative logistics industry can continuously improve the development level of China's logistics industry and help promote sustainable innovation and development of the social economy.

Keywords: logistics industry, economic growth, innovative development, industrial structure adjustment

Сун Синь

Институт бизнеса БГУ, Минск, Беларусь, xinsong004@gmail.com

ВЛИЯНИЕ ИННОВАЦИОННОГО РАЗВИТИЯ ЛОГИСТИК НА ЭКОНОМИЧЕСКИЙ РОСТ В КИТАЕ

Современная логистическая отрасль стала важной материальной базой для развития межрегионального торгово-экономического сотрудничества. Усилия по оптимизации и инновационному развитию позволяют постоянно повышать уровень развития логистической отрасли Китая, что в свою очередь способствует устойчивому развитию национальной экономики.

Ключевые слова: логистическая отрасль, экономический рост, инновационное развитие, совершенствование структуры производства

As the logistics industry is extremely important to the development of the national economy, it is called the «blood system» of the national economy. The logistics industry serves various fields, provides material guarantee for social and economic construction and development, and occupies an important position in China's economic system.

The dynamics of the China's national logistics is shown in Fig. 1.

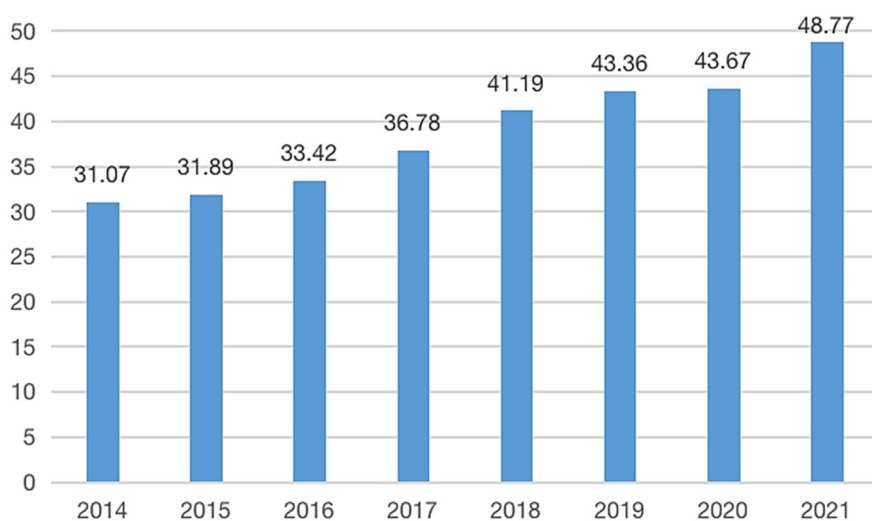


Fig. 1. Total China's national logistics, trillion US dollars

According to statistical data analysis, China's logistics industry has shown an obvious high growth trend in recent years. In 2021 China's total national logistics will reach 48,77 trillion US dollars, an increase of 17,7 trillion US dollars compared with 2014, and an increase of 5,15 trillion US dollars compared with 2020. The overall logistics industry has shown a strong upward trend as shown in Fig. 1.

The overall scale of China's logistics industry is huge, and it has become the world's largest logistics country. From the perspective of China's logistics industry structure, it is mainly divided into industrial product logistics, agricultural product logistics, enterprise and resident goods logistics, imported goods logistics, and renewable resource logistics. Among them, the logistics of industrial products occupies a very high proportion, which can reach nearly 90 % of the total national logistics in the whole year. The structure of China's national logistics is shown in table.

The structure of China's national logistics

| Year | Industrial product logistics, % | Agricultural product logistics, % | Enterprise and resident goods logistics, % | Imported goods logistics, % |
|------|---------------------------------|-----------------------------------|--|-----------------------------|
| 2020 | 89,94 | 1,53 | 3,26 | 4,73 |
| 2021 | 89,38 | 1,49 | 3,22 | 5,19 |

Although most of the logistics industry structure has experienced a decline in the total amount of logistics, the overall economic development of China's logistics industry is still on the rise [1, p. 80–85]. While this phenomenon is mainly due to the continuous downturn in the world economic environment and the continuous impact of global public health security incidents (Fig. 2).

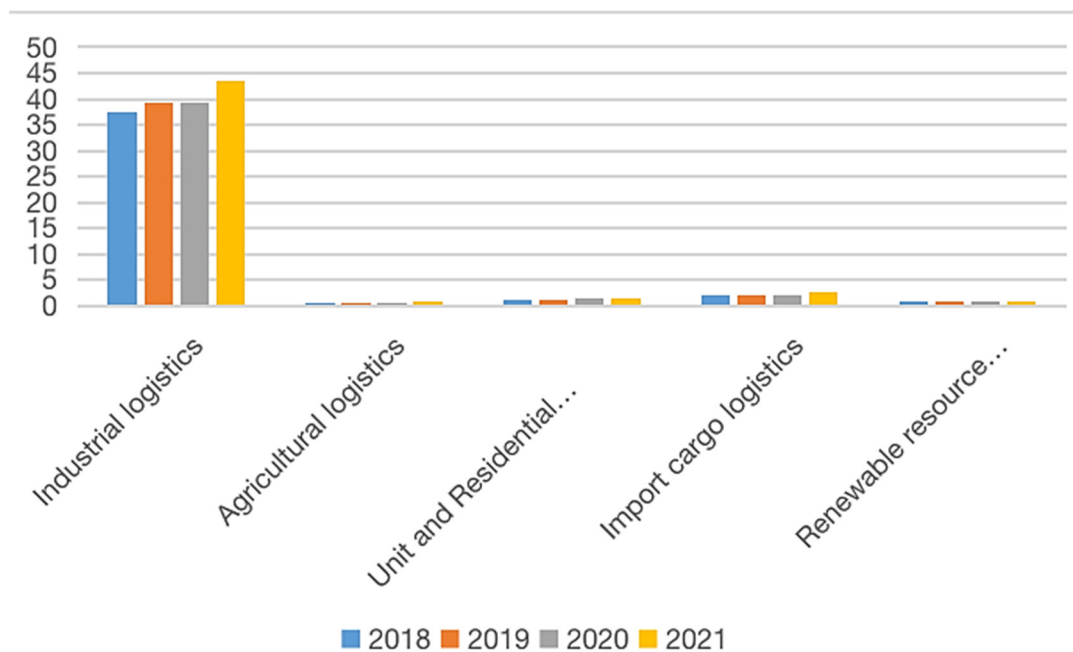


Fig. 2. Statistics of the total amount of various social logistics in China from 2018 to 2021, trillion US dollars

From the perspective of China's social and economic contribution, the contribution value of the logistics industry is extremely high, and the industrial scale is second only to the real estate industry, providing a solid and powerful transportation support for the development of China's social and economic construction.

From the perspective of promoting innovation and industrial structure adjustment and upgrading, the high-quality development of China's logistics industry can promote industrial structure adjustment,

accelerate the innovation process of new technologies, new energy, and new materials in the logistics industry, and then contribute to the high-quality development of the logistics industry, also will lay a solid foundation for high-efficiency activities. By accelerating the development of the logistics industry, the optimization of the logistics industry structure can be promoted, and it can also drive the overall advancement of social infrastructure. In addition, the development of the logistics industry can also promote the high-quality development of China's energy industry, automobile manufacturing industry, foreign trade industry, equipment manufacturing industry and other related industries, and improve the level of economic activities and energy efficiency of various industries. It can be said that if China wants to achieve the goal of high-quality economic development, it should focus on promoting the high-quality innovation and development of the logistics industry. The comprehensive development of the logistics industry can further integrate the resources of various regions in China and realize the integration of China's industrial chain and supply chain. Optimize and adjust, and then through logistics and transportation, increase the added value of Chinese goods, and then promote the overall development of China's economy [2, p. 78–85].

The following problems exist in the development of China's logistics industry. The overall operating efficiency of the logistics industry needs to be improved [3, p. 110–113]. The total operating cost of China's logistics industry accounts for a large proportion of China's GDP. Compared with other developed countries in the world, the total cost of the logistics industry accounts for a relatively high proportion of GDP, such as the United States, Japan and other developed countries. If the total operating cost of the logistics industry cannot be reduced, it will inevitably have a greater adverse impact on China's national economic income, and it will more easily lead to a slowdown in the high-quality development of China's social economy.

In order to improve the high-quality development of China's logistics industry, it is necessary to accelerate the innovation and upgrading of the logistics industry chain. If China's logistics industry wants to show relatively strong development capabilities in the next 5–10 years and maintain the current development momentum, it is necessary to clarify the industrial chain optimization and upgrading path based on deep integration. In the process of deep integration, it should not only be reflected in the shallow integration of commodity transportation, but should focus on the deep integration of high-quality enterprises, business processes, industrial technologies, industrial resources, norms and standards, and institutional policies within the industry [4, p. 93–97]. In this way, the quality and reliability of inter-industry cooperation can be continuously deepened, and the stability of the supply chain can be improved. By deepening the cooperation between the logistics industry and other industries, building a more stable industrial chain, realizing the optimization and adjustment of the value chain, further enhancing the added value of the logistics industry, realizing the transformation of the logistics industry to the direction of «integrators», and promoting the logistics industry move towards the middle and high end of the value chain.

There is a close relationship between China's economic growth and the economic development of the innovative logistics industry. When the development situation of the innovative logistics industry gradually improves and the economic development level of the innovative logistics industry improves steadily, it can promote the rapid growth of the Chinese economy. Similarly, while the Chinese economy is growing rapidly, can also drive the rapid development of the innovative logistics industry economy. Therefore, there is a basic development trend of «mutual benefit and mutual complementarity» between the two. When promoting the high-quality development of the innovative logistics industry, we should identify the focus and foothold of development, accelerate the optimization and upgrading of the logistics industry chain, especially pay attention to the deep integration of the logistics industry and digital technology, and plan regional logistics industry hubs.

References

1. *Ding, Yan*. Research on the Impact of High-end Logistics Industry Development on the Development of Foshan's Open Economy / Yan Ding // J. of Shunde Vocational and Technical College. – 2020. – P. 80–85.
2. Research on the Correlation Effect of Logistics Industry Development and Regional Economic Growth: Based on the Panel Data of the Three Metropolitan Areas of the Yangtze River Economic Belt / Hongkai Cui [et al.] // Economic Issues. – 2021. – P. 78–85.
3. *Li, Liu*. Evolution of Labor Employment Structure in the Logistics Industry from the Perspective of Technological Progress: Based on the Empirical Evidence of China's Listed Logistics Companies / Liu Li // Business Economic Research. – 2021. – P. 110–113.
4. *Yan, Yan*. Research on the Measurement of Dynamic Efficiency of Regional Logistics and Its Influencing Factors along the «Belt and Road» in my country: Based on the Dual-Carbon Perspective / Yan Yan // Business Economics Research. – 2022. – P. 93–97.