

# Analysis of the Impact of Major Public Health Emergencies on the Economy of Xinyang City

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**Abstract:** The major public health emergencies have had a serious impact on the economic and social development and people's life of Xinyang City. Based on the statistical data of Xinyang's relevant industries from 2019 to 2022, this paper explores and analyzes the impact of the epidemic on Xinyang's economy from five aspects: GDP, transportation, tourism, catering, and real estate, and gives relevant measures and suggestions to promote the stable and healthy development of Xinyang's economy, so as to improve the quality of people's life.

**Keywords:** Major Public Health Emergencies; Xinyang City Economy; Impact Analysis

## Introduction

Major public health emergencies have multiple levels of suddenness and damaging effects, which have a strong impact on the economic and social development of the region. <sup>[1]</sup>Take the epidemic from 2019 to 2022 as an example. The epidemic has not only seriously threatened people's life, health and safety, but also had a significant impact on all walks of life of Xinyang's economy, and caused a systematic impact on related industrial chains and supply chains. The outbreak of the epidemic has increased the difficulties of economic transformation and upgrading and high-quality development in Xinyang City, but at the same time, it has brought new technological changes and spawned new industries, new consumption and new formats <sup>[2]</sup>. Exploring the short-term and long-term impact of the epidemic on the economy of Xinyang City, formulating corresponding scientific and effective measures to deal with the impact of the epidemic, minimizing the impact of the epidemic on the economy of Xinyang City, and contributing to the high-quality development of Xinyang City are urgent issues for Xinyang City's economy in the near future and even in the future.

## 1. Impact on Xinyang's economy

### 1.1 Impact on Xinyang's GDP

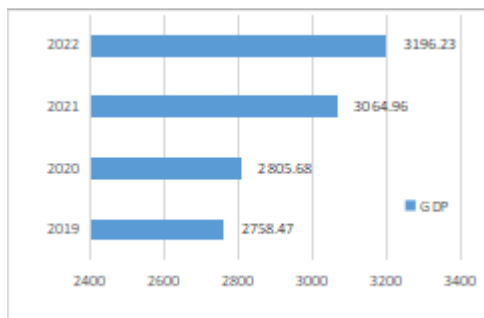


Figure 1 Annual GDP of Xinyang from 2019 to 2022

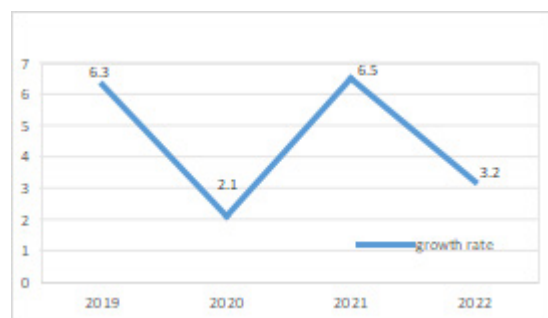


Figure 2 Annual GDP growth rate of Xinyang from 2019 to 2022

According to Figure 2-1 and Figure 2-2, the annual GDP of Xinyang City in 2019 will be 275.847 billion yuan, up 6.3% over the previous year. In 2020, due to the impact of the epidemic, most industries shut down and ceased production, causing irreversible economic losses. The annual GDP of Xinyang City was 280568 billion yuan, an increase of 2.1% compared with 2019, and the growth rate decreased by 2/3 compared with 2019. In 2021, Xinyang's GDP will be 306.496 billion yuan, an increase of 6.5% year-on-year at comparable prices. In 2022, the city's GDP reached 319.623 billion yuan, a year-on-year increase of 3.2%. The lowest annual GDP growth rate in 2020 was 2.1%.

## 1.2 Impact on Xinyang's transportation industry

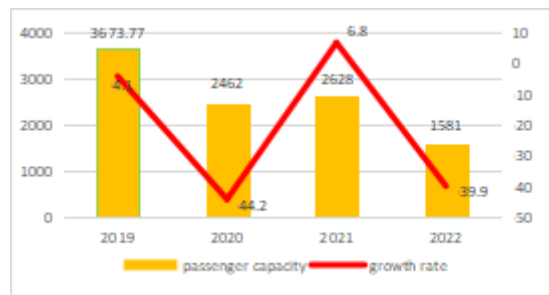


Figure 3 Passenger traffic volume and growth rate of Xinyang from 2019 to 2022

According to Figure 2-3, the passenger traffic volume of Xinyang in 2019 will be 36.7377 million, a negative growth compared with the previous year, with a growth rate of -4.1%. The passenger volume in 2020 was 24.62 million, a significant decrease of 44.2% compared to 2020. The passenger volume in 2021 was 26.28 million, an increase of only 1.66 million compared to 2020, with a growth rate of only 6.8%. In 2022, the passenger volume was 15.81 million, with a significant reduction and a growth rate of -39.9%. The epidemic has a great impact on the transportation industry of Xinyang City, and has a significant impact on the passenger volume.

## 1.3 Impact on Xinyang Tourism



Figure 4 Tourism revenue and growth rate of Xinyang from 2019 to 2022

As shown in Figure 2-4, the total tourism revenue of Xinyang City in 2019 was 40.23 billion yuan, but in 2020, the total tourism revenue decreased significantly, only 23.59 billion yuan, 41.4% less than the previous year. In 2021, there was a slight recovery, with total tourism revenue increasing by 6.36 billion yuan. Due to the repeated impact of the epidemic, the tourism industry was once again greatly impacted in 2022, with revenue decreasing by 24.7% compared to the previous year. The epidemic situation has seriously affected the development of tourism in Xinyang City.

## 1.4 Impact on Xinyang catering industry

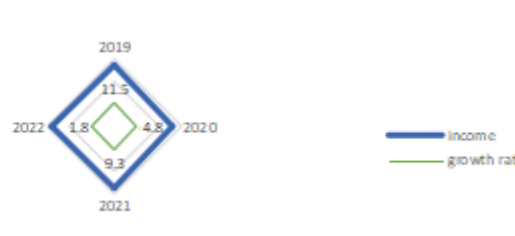


Figure 5 Turnover and growth rate of catering industry in Xinyang from 2019 to 2022

As shown in Figure 2-5, the growth rate of catering industry income in Xinyang City in 2019 is 11.5%. In 2020, the epidemic will

spread faster, spread more widely, and the national control measures will be stricter, which will lead to a significant reduction in people's consumption demand and serious impact on the catering industry. The added value of the catering industry will decline significantly, and the income will show a negative growth rate of -4.8%. The catering industry showed slight improvement in 2021, an increase of 9.3% compared to 2020. However, due to the recurrence and wider spread of the epidemic, the catering industry entered a cold winter in 2022, an increase of only 1.8% compared to the previous year. The epidemic has a great impact on the catering industry in Xinyang City.

### 1.5 Impact on Xinyang's real estate industry

Due to the outbreak of a large-scale epidemic and the isolation policy adopted by various regions, the circulation of raw materials, labor and other production factors has been seriously hindered, resulting in the slowdown of construction projects in Xinyang City to varying degrees. In addition, the increase in expenditure on emergency response and prevention and control funds for the epidemic beyond the budget has led to a lack of optimism in the availability of project construction funds.

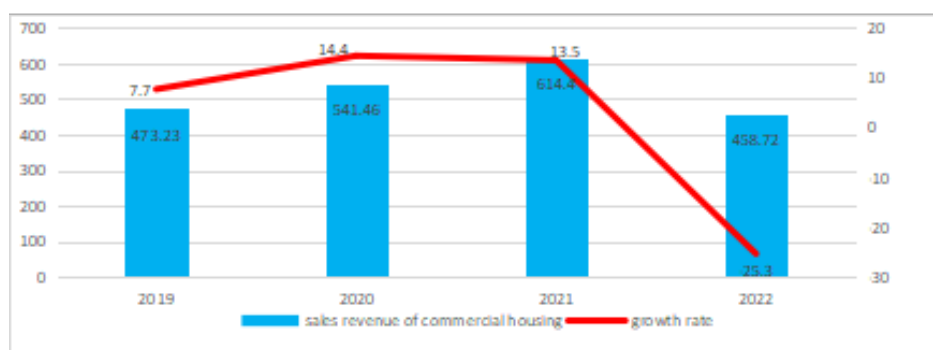


Figure 6 Sales and growth rate of commercial housing in Xinyang from 2019 to 2022

According to Figure 2-6, the sales revenue of commercial housing in 2019 was 473.23 billion yuan, an increase of 6.823 billion yuan in 2020 compared to 2019, an increase of 13.5% in 2021 compared to the previous year, and a significant decrease in sales in 2022, a decrease of 25.3% compared to the previous year. The epidemic has stimulated the growth of sales in the real estate industry in the short term, but in the long run, it has a restraining effect on the development of the real estate industry.

## 2. Response Measures and Suggestions

To provide maximum assistance to small and medium-sized enterprises severely affected by the epidemic, the government should quickly introduce a series of policy measures targeting small and medium-sized enterprises, including tax reduction and fee reduction, loan and repayment policy incentives, and provide corresponding subsidies. The catering industry, tourism industry, real estate industry and other industries have been greatly affected by the epidemic, and reasonable assistance policies should be formulated at this stage.

Make full use of fiscal and tax policies to mobilize consumers' enthusiasm for consumption, enhance residents' consumption ability and willingness, control housing prices, increase consumers' Effective demand, effectively guide the economic rebound, and provide a good demand environment for economic recovery and stable growth.

Strengthening the construction of the grassroots public health service system is worth deeply reflecting on the problems exposed by the epidemic, such as the lack of per capita medical resources and the inadequate public health system. The long-term uneven distribution of medical resources is the weakness of the current public health and medical system. From a long-term perspective, the government should increase its financial investment in public health, especially in promoting the popularization and standardization of grassroots public health service facilities.

In line with the requirements of high-quality development strategy, Xinyang University should develop a talent cultivation plan that keeps pace with the times, rationalize and sustain discipline construction, attach importance to the combination of theoretical knowledge and practical ability, and enhance the practicality of talent cultivation. At the same time, we will optimize and expand the talent training in data,

digital economy, artificial intelligence and other aspects, and stimulate new driving forces of economic development with the sustainable development of new business types and new models. In addition, we should accelerate the integration of “Internet plus” and industry, and improve the efficiency of resource allocation within and between industries.

Xinyang Municipal Government needs to increase financial support for enterprises and formulate positive and flexible financial policies. On the one hand, it can increase fiscal expenditure on public consumption and utilize the multiplier effect to promote economic growth. On the other hand, tax reduction policies can be provided for small and medium-sized enterprises affected by the epidemic to help them overcome difficulties. We will continue to promote the green rise of industries, build a modern industrial system in Xinyang, encourage enterprises to upgrade and transform, and encourage enterprises to diversify their transactions, so as to enhance their competitiveness and risk resistance.

Promote the regional integration and inter regional coordination construction of Xinyang City, break the regional barriers, promote the regional planning integration, transportation networking, governance cross city, public service equalization, information sharing and policy coordination, and then promote the high-quality, healthy and rapid coordinated development between regions. Actively integrate into the Yangtze River Delta Economic Circle, and accelerate the construction of Dabie Mountains High Efficiency Ecological Economy Demonstration Zone.

## References

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## Project name:

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