Analysis of the Influence of Tourism on Economic Growth in Shaanxi Province

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Abstract: In Shaanxi province in 2008 ~ 2018 statistical data as an example, using SPSS statistical software for Shaanxi tourism revenue and GDP of Shaanxi province and so on, the author carries on the correlation analysis, from the empirical perspective to reveal the role of the tourism industry in Shaanxi's economic growth, the analysis of the meaning of tourism industry to promote economic development and points out that the development of tourism is an effective way to promote economic growth.

1. Introduction

In the narrow sense, tourism industry refers to the industries directly engaged in tourism activities, such as travel agencies, tourism accommodation industry, tourist attractions and transportation industry. Tourism industry in a broad sense refers to the collection of industries closely related to tourism activities. The direct or indirect industries that can be driven by tourism economic activities are usually included in the category of tourism economy. Tourism is a comprehensive industry, set food, housing, travel, tourism, shopping, entertainment as one, is a higher correlation of the comprehensive economic and cultural industries.

Shaanxi is a big tourism province, tourism resources are very rich. Relevant studies show that the development of tourism not only drives the economic development of related industries in the region, but also drives the development of other related industries in the surrounding areas, increasing employment opportunities and alleviating employment pressure. Increasing government tax revenue and foreign exchange revenue, strengthening regional resource protection, promoting urban civilization and healthy development and other economic functions. Shaanxi province is one of the inland provinces. Due to the complex and changeable geomorphology types, the climate difference between the north and south of Shaanxi province is relatively obvious, thus forming various and complete natural tourism resources such as climate, biology, hydrology and geography. Shaanxi province has a long history and culture, tourism resources and cultural accumulation of deep, diverse, huge stock, with a huge development advantages and distinct regional characteristics, which is the treasure of China's tourism resources, is the world cultural heritage of the boutique. The province is rich in natural landscape tourism, historical relics tourism, cultural tourism resources tourism, silk road project tourism.

2. Overview of Shaanxi Tourism

2.1 Tourism Resources of Shaanxi

By 2018, Shaanxi had 11 cities and counties, and 418 tourist attractions. Among them, 2 have reached the a-level standard, with A proportion of 0.5%; There are 44 2A scenic spots, accounting for 12.5%; Grade 3A 260, with a proportion of 62.5%; 104 of class 4A, accounting for 24.9%; The proportion of eight 5A enterprises is 1.9%. Scenic spots in Shaanxi province are mainly concentrated in 3A and 4A scenic spots, with high quality. According to the statistics of the first quarter of 2018, Shaanxi's tourism industry ranks among the top in China, with tourism GDP driving regional output value. Shaanxi received 158 million domestic and overseas tourists, including 442,600 inbound tourists and 157,418,800 domestic tourists, up 12.4% and 29.36% respectively. The total revenue of tourism is 112.719 billion yuan, of which the international tourism revenue is 314 million dollars and the domestic tourism revenue is 110.727 billion yuan,

with year-on-year growth of 17.03% and 36.67% respectively. The comprehensive contribution rate to the regional GDP is 14.88%, while the national rate is 10.8%. Tourism plays an important role in supporting the economy of Shaanxi province.

2.2 Tourism-related Industries

It can be seen that from 2015 to 2017, the number of tourists to Shaanxi increased year by year, so it can be seen that Shaanxi's tourism resources have a strong tourist attraction. The related revenue of long-distance transportation, accommodation, catering, shopping, post and telecommunications, and other services has been rising year by year. The number of travel agencies is also increasing; With the change of national tourism policy, many scenic spots have realized preferential fares or even free tickets. Entertainment revenue, on the other hand, is declining; Generally speaking, the prospect of tourism driving related economic industries is better.

Table 1 Statistical table of tourism-related industries in Shaanxi province

Item	2015	2016	2017
Number of Overseas Visitor Arrivals　(10 000 person-times)	293.03	338.20	383.74
Chinese Compatriots From Hong Kong and Macao	58.08	63.86	69.88
Chinese Compatriots From Taiwan Province	40.80	45.82	51.81
Foreigners	194.15	228.52	262.06
Foreign Exchange Earnings from International　(USD 10 000)	200022	233855	270440
Long Distance Transportation	69170	80914	97899
Civil Aviation	54943	61972	78157
Railway	7824	10757	11088
Highway	6403	8185	8654
Sightseeing	27529	10056	12711
Accommodation	12101	34611	42459
Food and Beverage	8705	14265	17849
Shopping	8327	39522	41107
Entertainment	33772	9588	10547
Postal and Communication Services	4924	7016	7302
Local Transportation	6390	6080	7031
Other Service	29102	31804	33534
Per Capita Days Spent of Visitors in Shaanxi (USD/per-day)		195	207
Number of Domestic Visitors　(10 000 person-times)	38274	44575	51901
Earnings from Domestic Tourism (100 million yuan)	2904	3659	4603
Number of Travel Agencies　(unit)	665	708	751

3. Empirical Analysis

3.1 Data Analysis

Based on the statistics of total tourism revenue and GDP of Shaanxi province in the past 11 years, the influence of tourism on GDP is analyzed. Table 2 lists the total level of GDP and total tourism revenue of Shaanxi province from 2008 to 2018, as well as the relevant proportion and growth rate, indicating the growth of GDP and total tourism revenue of Shaanxi province in the past 11 years. It can be seen that the total revenue of tourism has been growing at a fast rate, showing a continuous growth trend, accounting for an increasing proportion of Shaanxi's GDP year by year and making a greater contribution to Shaanxi's GDP. The process of building a residential community is the process of constructing a living image.

Table 2 GDP and total tourism revenue of Shaanxi province from 2008 to 2018

| year	Shaanxi province GDP	The growth rate	Tourism revenue	The growth rate	A share of GDP
2008	7314.58	27.05%	561	20.44%	8.30%
2009	8169.8	11.69%	715	26.36%	9.39%
2010	10123.48	23.91%	916	28.29%	9.72%
2011	12515.3	23.60%	1240	34.57%	10.58%
2012	14453.68	15.52%	1610	29.37%	11.85%
2013	16045.21	11.01%	2031	24.64%	13.31%
2014	17689.94	10.25%	2435	18.10%	14.25%
2015	18021.86	1.88%	2904	19.22%	16.68%
2016	19399.59	7.64%	3659	26.86%	19.66%
2017	21898.81	12.88%	4630	26.23%	21.98%
2018	24438.32	11.60%	5788.75	24.54%	24.53%

3.2 Regression Analysis
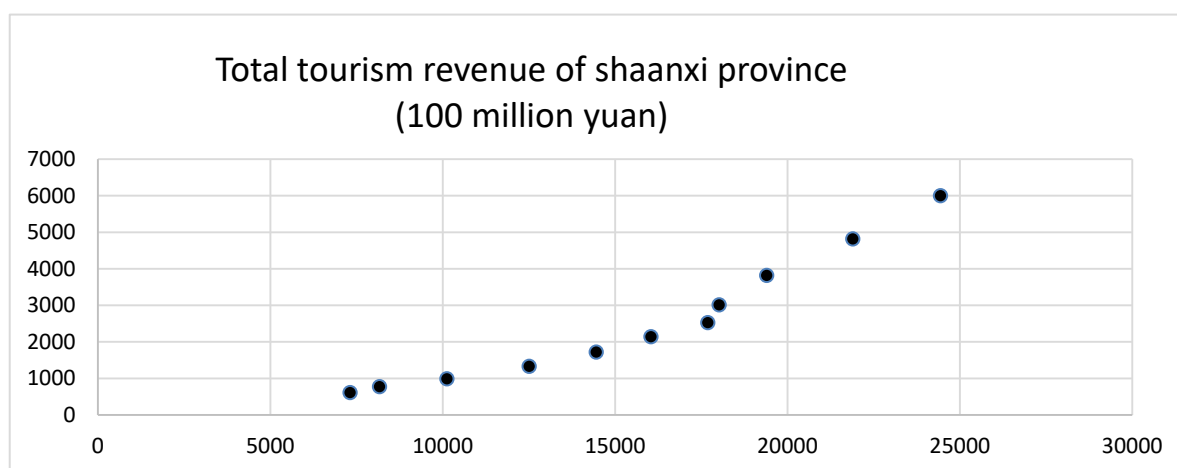
Figure 1 Scatter chart of GDP and total tourism income of Shaanxi province

As can be seen from figure 1, GDP of Shaanxi province is significantly linearly correlated with total tourism income of Shaanxi province.

In order to analyze the influence degree of the GDP of Shaanxi province tourism, we take the Shaanxi tourism revenue as the independent variable X, GDP of Shaanxi province as the dependent variable Y, linear regression model: $Y = \beta_1 + \beta_2 X + \varepsilon$, β_1 as constant, β_2 as the regression coefficient, ε as random, using least squares regression analysis was carried out on the data in table 2, using SPSS statistical analysis software operates in the table below:

Table 3 Model Summary

	R	.960
Model 1	R quare	.921
	Djusted R Square	.912
	td.Error of the Estimate	1643.145

Table 4   Coefficients^{a}

Model 1	Unstandardized Coefficients		Coefficients Standardized		
	B	Std.Error	Beta	t	Sig.
（Constant）	7806.306	897.065		8.702	.000
Tourism revenue of Shaanxi province	3.042	.297	.960	10.235	.000

It can be seen from table 3 and Table 4 that the simple correlation coefficient R= 0.960, R Square= 0.921, the fitting degree of the equation is good.β1= 7806.306, β2= 3.042. It shows that when other variables remain unchanged, the GDP of Shaanxi province increases by 3.042 units for every unit increase in tourism income.

The regression equation is Y= 7806.306+ 3.042X.

3.3 Descriptive Statistics

3.3.1 Tourism Industry Cooperation to Promote Related Industries

Tourism industry is composed of various enterprises providing products or services to meet various needs of tourists, including food, housing, travel, tourism, shopping, entertainment, etc. Tourists' tourism activities connect enterprises in these different industries together to form a collection.

According to the development of the tourism industry, according to statistics, the influence of tourism industry have nine classes, in order to ensure the development of the tourism industry, the government must increase investment to some industry department, will surely promote the development of relevant industries and complete supporting facilities. Tourism is helpful to optimize the industrial structure. According to statistics, in 2017 in the tourism consumption structure, tourists long-distance transportation cost accounts for 36.2% of the total cost, scenic Tours accounted for 4.7% of the total cost and accommodation fees account for 15.7% of the total cost, food costs accounted for 6.6% of the total cost, namely direct consumption accounted for 63.2% of total consumption in tourism activities, Entertainment accounts for 3.9% of the total expenditure, post and telecommunications for 2.7%, urban transportation for 2.6% and other services for 12.4%.

3.3.2 Increase Tourism Revenue and Financial Revenue

In recent 11 years in Shaanxi tourism revenue present a rising trend. According to the statistics, tourism revenue increased at the same time, increased the government's fiscal income. Tourism revenue refers to the tourists in the process of tourism, food, live, travel, tour, shopping, entertainment, it takes the sum of the tourists directly to purchase goods and services income is. And the total revenue from tourism consumption directly or indirectly affect the industry should be a tourism is the sum of the revenue. Thus, tourism revenue GDP reflect the influence of tourism in Shaanxi province directly impact on the GDP of Shaanxi province. According to the above statistical analysis, total tourism revenue accounted for 24.53% of Shaanxi's GDP in 2018, making a great contribution. This fully shows the importance of tourism in increasing the economic aggregate of Shaanxi province, and tourism has become an important force in Shaanxi's economic development.

4. Conclusion

The above statistical analysis shows that there is a strong positive interaction between the development of tourism in Shaanxi province and the economic growth in Shaanxi province. On the other hand, the development of tourism has a positive feedback effect, being an important part of economic growth, and with the growth of the overall size of tourism, the role of economic growth is more and more obvious. From the statistical analysis results, it can be seen that tourism contributes

significantly to the economic development of Shaanxi province and greatly promotes the development of related industries in Shaanxi province.

Acknowledgements

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