

**TOURISM IN THE ECONOMY OF THE ROLE OF
STATISTICAL EVALUATION METHODOLOGY****Zilola Jumanova**

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Abstract: Article tourism in the economy of the fastest eguluvchan activities, the sensitivity is high, and tourism is an important factor in the development of the economy that is based on fact. Discusses statistical methods to determine the role of tourism in the national and regional economy. To identify indicators of the development of tourism representing the nga. In assessing the role in the tourism economy directly depends upon the macroeconomic sphere korrelyativ with each analysis that was made. Changing many rows-time data for the analysis of ARDS (Autoregressive distributed lag) model ekonometrik using equation was based on

Keywords: tourism economics, tourism statistics, gross domestic product (GDP) and tourism, and employment in the tourism sector, tourism flow, spending, the economy and regional tourism, the social impact of tourism, sustainable tourism, tourism of the regional impact of tourism on economic indicators

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Introduction

Tourism activity in the economy is the most rapidly eguluvchan, the sensitivity of the high is the fact that by distinguished is. Tourism activity around-environment, environmental, political and social economy, an important place has. Also each how in the economy of the crisis from the status of his former position, and speed to be gained from the area also tourism sector.

Every how to open the state to the economy tourism industry important it is, especially in 2019, the year pandemiya mode this is more pronounced appeared. Social distance limit, the transport infrastructure is strictly controlled to be tourism completely stop and directions to get you to come. This tourism with the enterprise income, the employee monthly work to the right effect make. States have their own economy tourism industry, how much necessary that you feel to make, tourism re on your feet stand to all the opportunities were used. Because the tourism economy of service provision, investment, employment, exports, such as key ko'rsatikchlari with paired is, tourism is the development of a decrease in other sectors, directly and indirectly impact will be.

Literature Review

The tourism sector and its theoretical basis in the economic literature varivojlanishi Tashmuradov T. A. Saidov, i. s. Tuxliev, S. Safarov, Kim kyu do ok, by m. n. may, have been studied in depth by mark

s. agzamov. Types of tourism, tourist facilities, placing has been the analysis of tourism services and products. Statistical approach based on the development of tourism innovation can also tahlilqilishi. The object of the study the statistical technique of all events which take place in the life of mankind and a mass phenomenon. Events events in the mass tourism sector now also have to enter a number of, then, can be the object of the study of tourism statistics. The calculation of the indicators studied tourism tourism statistics, indicators and influencing factors will analyze the dynamics of their changes

Methods

The methodology for "Methodology of statistical evaluation of the place of tourism in the economy" can consist of the following main stages:

Data Collection: Collection of data on factors affecting the tourism industry, including tourist numbers, tourism revenues, and hotel service utilization statistics.

Data analysis: Assessing the impact of the tourism industry on the economy by analyzing the data collected. At this stage, various statistical methods and models are used, including regression analysis, correlation analysis, etc.

Analysis of dynamics: Analysis of the growth dynamics of the tourism sector over time. This shows how the share of the tourism sector in the economy is changing.

Building prognostic models: Building prognostic models to estimate future tourism activities. These models make it possible to anticipate development trends in the tourism sector and develop flexible strategies.

Development of strategic approaches: Development of proposals and strategies for the development of the tourism industry based on the results obtained. These strategies will be important in formulating state policies to support tourism.

Preparation of reports and presentations: Summarizing the results and analyzes obtained at all stages and preparing clear and understandable reports. These reports are an important source of information for decision makers and stakeholders.

Results and Discussion

Tourism is an important factor in the development of the economy because it will create jobs, improve infrastructure, and contribute to an increase in local incomes. To determine the role of tourism in the economy will review national and regional statistical methods.

This methodology mainly covers the following aspects:

Economic indicators of tourism: the tourism sector to the gross domestic product (YIM) contribution to tourism related goods and services, as well as the tourist tax and customs will be evaluated through indicators such as.

Jobs and employment: the number of jobs created in the field of tourism and tourism sector of employment is determined by the share in the overall economy.

The flow of spending and tourism: the tourism, the number of the countries of their origin, causes it to travel, and tourism statistical indicators as the duration of stay in the funds spent are used in the evaluation.

Regional impact: the effects of tourism to the regional economy, including local income and assessed the contribution towards economic development.

The social and cultural impact of tourism: the influence of local culture and social structure of the tourism sector, at the same time, the analysis of conformity to the principles of sustainable tourism.

Through this methodology, the important role of tourism in the economy will identify and develop strategies for the further development of this field. On the basis of statistical indicators and analysis of the tourism sector will help to determine the economic and social importance.

The tourism economy in the position of statistics in the evaluation of international standard qo'lanilayotgan three method (straight from direct, indirect and multiplikativ) every one for a few types of statistical methods are widely used.

In our opinion, the tourism economy in the place of true impact in assessing the most correct statistical methods this national accounts system of tourism assistant account and his jamlanma table.

Tourism indirectly the position of the statistical evaluation of the main statistical method, the coefficient of the network method. Thus, any one in the area of tourism share calculate and indirect effects to study necessary it is.

The tourism economy in place multiplikativ the effects of statistical evaluation in a lot used methods this ekonometrik modeling is, this macro network with the interaction regarding analysis is.

Tourism development representing the index in determining Tourism assistant accounts (TYOH) is very important and the main sources of one. Tourism assistant schetlar the account that some of the literature Satelistik schetlar understood. The satellite that the English language is translated when the mate that meaning means, in the economy of this auxiliary account in the sense that it is used. Tourism sector assistant accounts by analysis to main reason of tourism specific to a network joylashmaganligidadir. Tourism assistant account statements through different networks of data collection after the analysis makes.

"Tourism assistant account-2008" at come, Tourism assistant account of this visit to the readers ordered costs and consumption on, as well as tourism sector macroeconomic indicators MHT with the combination without creating a form represents [1].

Tourism assistant account (TYOH) National accounts of the system are important accounts of the one is, it of uzbekistan national statistics to practice is a complete introduction make and TYOH indicators of international standards in accordance with the formation of the economy, a strategic sector which is tourism, rapid development for favorable economic and organizational-the legal conditions-the conditions that create, tourism potential of more complete and effective use of the opportunity it gives.

Tourism indicators posting of the duration of monthly, quarterly, yearly to be, international standards requirements according at least every three months a times the information ad the go should. This tourism statistics for the most necessary international requirements is one.

Statistical data gathering and them quality and reprezentativ that increasing extremely important it is. As it is known, the digital economy – this new technologies, platforms introduction to through available economy new system to move mean. The republic in this field of wide - ranging reforms made are, in particular, Uzbekistan Republic President under the State statistics agency, Information technologies and communications development ministry of with in conjunction with state agencies, information systems and data base integration to through the country 's social-economic development of the analysis to, in the future, forecasting , and state management that is used in the data the formation of the possibility of allowing the state to the authorities of information collection and re - work information system is being created. This method is using the world experience , as all of the documents the exchange of high - level automated and them the number of a reduced, accounting and management of the system, the electronic integration, data in an electronic database is the creation, corporate network cooperation increased, tourism thoughts learning the quality of increased and accelerated.

Tourism assistant account mainly the ten from the table is that if, in the country next year, all the tables are full of form, Statistics on the site, giving has been.

1-table

Tourism on the on the effects of calculation of the main tourism indicators

	Tourism activity	Calculation method	Calculation period
1.	to enter about tourism consumption	TYOH	annual
2.	Domestic tourism related costs	TYOH	annual
3.	To related tourism expenditures	TYOH	annual
4.	The country in tourism related consumer	survey	annual
5.	Tourism in the network used in the production of account	TYOH	quarterly
6.	The country is in right from the correct tourism offer	TYOH	quarterly
7.	The tourism sectors of employment	survey	year
8.	The tourism sectors in major capital gross accumulation	MHT	quarterly
9.	Team of the residence place of business	survey	annual
10.	Tourism development of the main indicators	MHT	quarterly

Some jadvalli network reports on the basis of others while inquiries on is filled. Each in a table of international standards to the requirements according to the following networks on the information to be needed.

2-table

Tourism indicators of the main networks with associated

1. Visittheir ordered arrangementonservices
2. Generalnutritioncompanies services
3. Railroadpassengertransport services
3.1 Rail passenger transport xizmtalari
3.2 Landpassengertransport service
3.3 Water way tarnsport services
3.4 Airroadpassengertransport services
4.Transportof means ofhiringgive theservice
5. Tourismagencysservicesandbookingto makeonotherservices
5.1 Tourismagencysservices
5.2 Environmental and administrative services
6.Culturein the field ofservices
6.1 Cataloging services
6.2 Museums and other ma'daniy services
7.Sportsandrelaxationgeton services
8. Tourism related other services
8.1 Banking services
8.2 Insurance services
8.3 Mail services
8.4 Local businesses and services
8.5 Conference and exhibition services
9. Trade services
Total consumption

The un and UNWTO statistical standards use the possibility of a fuller and compare can that statistical studies to conduct, statistical prediction of drafting, territorial divisions at the level of tourism assistant account work out the opportunity it gives. In tourism statistical functions the following to enter: visit readers ordered the statistical analysis to make, tourism, consumption, and placing of objects on the activities of the effectiveness of the analysis to; tourism assistant account drafting. These problems effectively solve to for developed tourism infrastructure have that countries of statistical worklanmalarining long - term experience and a similar fit in tourism statistics the use of very important.

The uzbekistan republic's present at the time, tourism statistical observation conducting the methods of the now formation at the stage of. Regional statistics to the development of new approaches are created, they new statistical indicators and reporting forms the introduction to their into gets, but tourism statistical support-support for serious issues is still also have been detected, they are the following, with associated: Uzbekistan world community access, international organizations, the including, statistics bodies in front of their obligations accomplish when they come for statistical technique a number of methodological problems solved are not; The uzbekistan economy, the development of analysis make to necessary is the new social-economic phenomena and processes, otherwise a number, managing indicators of lack; of information "of tarqoqlik" and the user of the desired information complexity taking the difficulty; statistical information to get and it all interested users provide to on legislation the base of perfect is not; the executive power bodies of the statistical information resources formation and from them information on getting rights and obligations regulated solinmasligi.

Tourism in the field of statistics on account and track issues to many studies is dedicated to. This with along, tourism further development of the national economy in all sectors forecast to and

management decisions reception in of them effective to use for reliable and complete macroeconomic statistics indicators of their time to take the opportunity that gives public bodies for information and statistical support-support for single system creating aimed at be should. Unfortunately, this area of research bulk, noto'liq character able to be, Uzbekistan tourism statistics tracking up to for wide comprehensive methodological help working out quite far.

Tourism in the economy, the position of the direct evaluation of each of macroeconomic areas with korrelyativ upon that depends the analysis of the offer , we will.

3-the table

Tourism in the economy and position in determining macroeconomic indicators with korrelyativ upon analysis

	Of tourism with other sectors and with the related
1.	Industry, the tourism share
2.	of the rural economy, forestry and fisheries in the tourism share of
3.	Services provision of the tourism share
4.	in exports of tourism share
5.	in imports of tourism, the share of
6.	Construction in the field of tourism share of
7.	Bank-finance in the field of tourism , the share
8.	of digital economy in the tourism share of
9.	the state's costs in the tourism share of
10.	State revenue in the tourism share

Research, mainly, tourism statistics account of advanced foreign experience of a regular study, statistics, accounting and statistics tracking of the principle of the weaker side of the detection, as well as, Uzbekistan tourism statistics kuzatuvning effective system formation on organizational and methodical recommendations for each bilateral development aimed at the effort of one represents. This problem solve to Uzbekistan particular regions also, the whole republic at the level of also the socio-economic development of strategic goals of an objective answer that gives tourism sector effective management perspective, form and methods of work - out provides.

This is the reason for the republic tourism xizmatlarini influences the development of settings from the city's importance is great. Because of it the traditional national crafts and folk art creation, consumer goods and foreign trade expansion, market infrastructure for improvement "floor" creates. This is because of mazk pay of the sector's rapid development for effective development towards impedes who all the weak side to determineb, them eliminate to on appropriate measures-measures work out necessary it is.

Tourism services in the market turmahsulotni the effective implementation of the increase to the first place in his position of great importance it has. Turmahsulot position to influence which factors while the following consists of: complex environmental conditions, political situations, the population between language, religion, nationality, on the conflict, low - level service type, interesting for the architectural construction site work and others. To say it is noteworthy, tourism in the sector and their impact for conducting the most great factor – this tourism is seasonal. Of the season, the time in tourism demand of flow fluctuations in the steady condition, kept stay for the following issues particular attention paid should be, that we are is: yoshlarbop events, rock-concerts, of himself, the iconic festival permanent basis heldsh and them about information of wide distribution; to the season, little attention is givengan pilgrimage tourism to further more attentionniqaratish, appropriate infrastructure creation; tourist season at the time certain a areas on scientists and researchers experts for scientific-practical conferences, turliforumlar, cultural events, the organization of the city; national cultural tarannum which world cultural heritage list included artimizto, folklore, national status and

musical instruments on special conditions recognize of lov, fine art exhibitions, "Navruz" festival and the harvest feast of niyanada a wider scale, the organization of the city.

Uzbekistan tourism sector of sustainable development and achieve to all the factors, the influence of considering taking without network capacity full using, the tourism services provided much of the economic effective onto increase to achieve necessary. Thus, the world tourism services in the market at a competitive struggle culmination that took into account taking, foreign clients for tourism product attractiveness differentsiyalash and diversification to the city from the need to come outqan without work to see requires makes. Because, the tourism sector of enterprises on new innovative approaches on the basis of management and statistical evaluation of the lens necessaryatga become has.

Tourism multiplikativ the development of determine ekonometrik model of the type of use of the offer , we will. International research most often used methods ARDS model.

Many variable - time rows of data analysis make to ARDS (Autoregressive distributed lag) model based ekonometrik equation led to use. Research ARDS from the model using without time rows of the chart matriza the computer's built his into took. That is in addition to, dependent and independent variables for correlation matriza technical assessment, the interaction of stationary check to Dickey-a full test of the indicators of the assessment and kointegratsiya for Bound test conducting its own into took and ARDS model regressiya equation has formed.

That is in addition to, ARDS model Cusun diagnostic test with a number regressiya of equations in terms of the significance of assessment for Gauss-Markov test by was checked. Note it is noteworthy, in the equation independent variables next year, dependent variables to the delayed effects of their into gets.

Avtoregressiv distributed delay model of ARDS model variables between time between relationship check to ekonometrik in the widely used methods one is [2]. ARDS model in the research of short - and long - term dynamics or these variables between relations analysis to make the possibility gives [3]. So, ARDS model of one variable to changes not only in the near time in, but a long time in the range also to others how effects that understand the opportunity it gives. This model of economic and social research works in check and in the past period information , based future trends about projections to make for an important tool will become [4].

ARDS model of the stationary of the variables with when working and kointegratsiya analysis of the conduct especially valuable [5]. Traditional regressiya model of the stationary of the data for suitable not, because them join that variables are stable relationship have, that estimated it is.

Also, ARDS model of the variables are stationary in the behavior-actions , which indicates the time series of continuous relationship by understanding interested in is useful. This is it a real economic phenomena solution make to ekonometrik in an important tool will become.

Statistical methods, one of which is ARDS model for a time at a few of the variables between a permanent link moves the check to the opportunity it gives.

Also, ARDS model time of the lanes within a multiple variables between constant relationship to check it facilitates. This model has two or more more than variables between long - term observations of the analysis to make, their mutual dependence and the time of the passage with the dynamics of determine the opportunity to gives [6].

ARDS model dependent variables of their overdue value, as well as, independent variables are the lagged values on regressiyalanadi [7]. This explanatory variables and the response variable is also a time, also deferred the effects of the check to the opportunity it gives. Deferred effects add, especially, the time of the passage with deferred or accumulated effects to capture and add to is useful.

Well-known economists, scientists, Narayan, Paresh Kumar ARDS model many economic research in the application. Tourism, foreign exchange rates and economic growth , such as topics of empirical research of her own into taking and kointegratsiya and unit root tests on studies through significant results achieved .

Foreign economists, scientists Mohsen Gee-Oskooee tourism, exchange rate dynamics and its exports flow on effects in the field of research ARDS model I used. Studies resulted according to

exchange rates, export and various economic variables between relationship ekonometrik model of the reliability level of its reflection has found.

Avtoregressiv distributed delay (ARDS) model for the following formula, the expression was.

$$Y = \alpha_0 + \alpha_1 Y_{t-1} + \alpha_2 Y_{t-2} + \dots + \alpha_p Y_{t-p} + \beta_1 X_{t-1} + \beta_2 X_{t-2} + \dots + \beta_q X_{t-q} + \gamma_1 Z_{t-1} + \gamma_2 Z_{t-2} + \dots + \gamma_r Z_{t-r} + \varepsilon_t (1)$$

Here,

Y_t t in time, the resulting factors represent.

$Y_{t-1}, Y_{t-2}, \dots, Y_{t-p}$ - factor is the character of the delayed value represents..

$X_{t-k}, X_{t-k-1}, \dots, X_{t-k-q}$ of the factors of the character 's overdue value represents, $Z_{t-1}, Z_{t-2}, \dots, Z_{t-r}$ the resulting factors of the effects e'tuvchi other factors delayed the value represents.

$\alpha_0, \alpha_1, \dots, \alpha_p, \beta_1, \beta_2, \dots, \beta_q, \gamma_1, \gamma_2, \dots, \gamma_r$ price term the coefficient of the network represents, ε_t - t - time interaction error ifodalydi..

Research on ekonometrik model of the formation in the following hypothesis previously was pushed.

World tourism organization recommendations , according to tourism in the economy the role of the three different versions are. These tourism economy on the right instead of having, bilvosta effects on the basis of place, multiplikativ effects on the basis of place and the total place.

Conclusion

Conclusion I say, when tourism in the economy of the correct position calculate to tourism assistant account worked out has been and is currently in practice widely used. But tourism indirect and multiplikativ the effects of determine to tafsiyaviy standard is now available and is not, some states themselves metodolgiyasi on tourism indirect and multiplikativ account did not maintain.

Tourism is why airports or stations repair or will be built, the transport speed and ifratuzilmasi will be improved, ways and their surroundings improve, tourism facilities surrounding the environmental condition and for them to keep the infrastructure more income gets.

Tourism assistant account(TYoH) National accounts of the system are important accounts of the one is, it of uzbekistan national statistics to practice is a complete introduction make and TYoH indicators of international standards in accordance with the formation of the economy, a strategic sector which is tourism, rapid development for favorable economic and organizational-the legal conditions-the conditions that create, tourism potential of more complete and effective use of the opportunity it gives.

Tourism in the economy, the position of the direct evaluation of each of macroeconomic areas with korrelyativ upon that depends the analysis of the offer , we will.

Tourism multiplikativ the development of determine ekonometrik model of the type of use of the offer , we will. International research most often used methods ARDS model.

Tourism statistics into account take to go on, international experience varied and many standards are there. They recommend to the character has. But, these recommendations, many countries have national features considering not without being used , it is.

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