



## Article

# Medical Services Show Organizational and Economic Mechanism Efficiency Assessment

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**Abstract:** This in the article Uzbekistan health storage in the system medical services of showing organizational and economic mechanism efficiency assessment issue seeing will be released . In research balanced indicators system approach used without financial indicators , customers with work , business processes efficiency and a person resources such as main aspects analysis will be done . Received results based on Uzbekistan medicine in institutions service show efficiency increase according to practical recommendations work developed

**Keywords:** medical services , organizational and economic mechanism , efficiency , balanced indicators system , Uzbekistan .

## 1. Introduction

Health storage field each how country socio-economic development important structural is part of the population health and life quality improvement , lifetime to see duration increase such as strategic to goals reach a lot in terms of medical services of showing organizational and economic mechanism efficient to work depend

in Uzbekistan last in years health storage system reform do , medical services quality increase and their of the population all layers for comfortable to be to provide directed wide scope measures done is increasing . With that together , medical services show organizational and economic mechanism efficiency increase , available problems eliminate reach and the world from experience fruitful use current task being remains

This The purpose of the article is Uzbekistan health storage in the system medical services of showing organizational and economic mechanism efficiency assessment and him increase according to suggestions work from exit consists of

## Literature review

Medical services to show mechanisms assessment issue many foreign and local researchers by studied . the world health storage organization (WHO) . publication " Health storage system performance according to in the report health storage system efficiency of assessment main directions set given This directions between health to keep separated from funds efficient use , medical of services quality and to them of the population comfortable access opportunity such as aspects separately place holds

Donabedian (1980) medical services quality of assessment three main direction offer did : structure , process and the result Structure medical services to show for necessary has been resources and circumstances ( for example , doctors Number of

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equipment existence ) own into takes Process medical services show himself with depends ( for example , diagnosis put , treat ). Result while medical services as a result achieved health storage results ( for example , death level , morbidity level ) own into takes

Medical services to show efficiency in assessment balanced indicators system (Balanced Scorecard) approach is also broad is used . This approach financial indicators with one in line customers with work , business processes efficiency and a person resources such as aspects as well get enable ( Kaplan & Norton, 1996).

#### Research methodology

This in research Uzbekistan health storage in the system medical services of showing organizational and economic mechanism efficiency assessment for balanced indicators system approach was used . The following four main direction according to indicators analysis done :

- Financial indicators
- Customers with work indicators
- Business of processes efficiency indicators
- Man resources indicators

Uzbekistan health storage in the system medical services of showing organizational and economic mechanism efficiency deeper analysis to do for econometric from the model we use This model is for us different factors effect assessment and future trends forecast to do enable gives. Medical services show efficiency effect doer main factors to determine for the following of variables we use :

- I depend variable (Y): Medical services show efficiency index (from 0 to 100 has been scale according to ). This is the index above given four main direction ( financial indicators , customers with work , business processes efficiency and a person resources ) . indicators by combining is considered

- Independent variables (X):
  - o X1: Each to the person right coming health storage costs ( US dollar at the expense of
  - o X2: Doctors number (per 10,000 inhabitants relative to
  - o X3: Hospitals number (per 100,000 inhabitants relative to
  - o X4: Medical insurance coverage (%)
  - o X5: Internet users number (%)

The model assessment for Uzbekistan Republic Health storage Ministry , Jahan health storage organization and the world bank by announcement done statistics from the data we use Data 2010-2023 range cover takes

A lot variable regression analysis results the following in the table cited :

Variable	Coefficient	Standard error	t- statistics	p- value
X1	0.056	0.012	4.67	0.000
X2	0.873	0.231	3.78	0.001
X3	0.345	0.105	3.29	0.003
X4	0.211	0.087	2.43	0.021
X5	0.154	0.063	2.45	0.020
Constant	35.214	5.342	6.59	0.000
R- square	0.853			

- R-squared of the model value is equal to 0.853 being, this independent variables dependent in the variable 85.3% of changes explanation means
- All independent of variables coefficients statistics in terms of significant ( $p < 0.05$ ).
- Every one to the person right coming health storage expenses (X1), doctors number (X2), hospitals number (X3), medical insurance coverage (X4) and internet users number (X5) medical services show efficiency positive effect shows.

Above from the model using 2024-2028 years for medical services show efficiency index forecast what we do can Of this for future independent variables values guess what we do need This to assumptions based on the following forecast indicators we got :

Year	Prognosis done efficiency index
2024	72.5
2025	75.3
2026	78.1
2027	80.9
2028	83.7

Econometric analysis results that's it shows that in Uzbekistan medical services show efficiency increase for health to keep investments reproduction, doctors and hospitals the number increase, medical insurance coverage expand and information from technologies to use development need Prognosis indicators this measures done increased in case medical services show efficiency near in years significant level increase is showing.

Research results Uzbekistan health storage in the system medical services of showing organizational and economic mechanism efficiency enough level that it is not showed. In particular, the following problems determined :

- Financial indicators : Medical of services cost relatively high is some cases of the population payment ability suitable does n't come State by financing volume limited because of medicine institutions low profitability.
- Customers with work indicators : Patients medical services from quality satisfaction level enough it's not. Complaints the number many p being, this being shown services quality improve necessity shows.
- Business of processes efficiency indicators : Medicine in institutions service show processes most of the time bureaucratic barriers with depends of patients the time takes From resources use efficiency low is being observed.
- Man resources indicators : Medicine employees qualification and professional preparation level each always stylish requirements answer does not give Labor productivity low and from work satisfaction level enough that it is not problem there is.

This problems eliminate reach and medical services to show efficiency increase for the following suggestions work output :

1. Financial stability provide :
  - o Medical of services the cost decrease according to measures to see
  - o State by financing size increase
  - o Medical insurance system development and his coverage expand.
  - o Private medicine sector development and competition environment create
2. To customers orientation boost :
  - o Patients needs study and their thoughts in consideration get

- o Medical services quality increase and service to show culture improvement
  - o Patients with efficient communication to the road to put and their rights protection to do
  - 3. Business processes optimization :
    - o Service to show processes simplification and bureaucratic obstacles eliminate to achieve
    - o Information from technologies wide use and electron health storage system development .
    - o Medicine in institutions modern management methods current to achieve
  - 4. Man resources develop :
    - o Medicine employees qualification increase and them constant respectively study
    - o Medicine employees material and spiritual encourage system improvement .
    - o Job conditions improve and medicine employees social protection strengthen
- Above given suggestions done increase Uzbekistan health storage in the system medical services of showing organizational and economic mechanism efficiency to increase the population health to strengthen and life quality to improve service does

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