

ASSESSMENT OF DIGITALIZATION DEVELOPMENT REPUBLIC OF BELARUS

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The article assesses the level of digitalization in the Republic of Belarus by analyzing the dynamics of indicators reflecting the development of the economy and society.

Keywords: digitalization; information technology; transition to a digital economy; information and communication infrastructure.

ОЦЕНКА РАЗВИТИЯ ЦИФРОВИЗАЦИИ РЕСПУБЛИКИ БЕЛАРУСЬ

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В статье оценивается уровень цифровизации в Республике Беларусь посредством анализа динамика показателей, отражающих развитие экономики и общества.

Ключевые слова: цифровизация; информационные технологии; переход к цифровой экономике; информационно-коммуникационная инфраструктура.

Digitalization of the economy is becoming a significant condition for the effective development of the country; it is an important component of the economy, the quality of life of the population and the effectiveness of its state.

The purpose of the study was to determine the level of digitalization of the Republic of Belarus.

There are a number of methods used by international and national organizations to measure the level of digitalization of the country's economy. Thus, the National Statistical Committee of the Republic of Belarus has developed blocks of digitalization indicators: information and communication infrastructure, use of information and communication technologies by the population and organizations, informatization infrastructure, digital transformation, national information and communication technology industry.

The dynamics of indicators of information and communication infrastructure in the Republic of Belarus is presented in Table.

Dynamics of the information and communication infrastructure of the Republic of Belarus

Name of the indicator	2016	2017	2018	2019	2020	2021	2022	2023
Number of fixed broadband Internet subscribers per 100 people;	32,4	33,5	34,0	34,2	34,8	35,0	34,0	34,9
Number of wireless broadband Internet subscribers per 100 people.	67,6	76,4	86,5	89,9	92,6	97,8	101,3	103,3

Источник: [1].

During the period under study, the number of subscribers and users of the Internet increased by 1.5 times, a stable trend is also observed in the proportion of the population aged 6–72 using the Internet [1].

Fig. 1 presents information on the use of information and communication technologies by the population, which reflects the level of availability of these technologies.

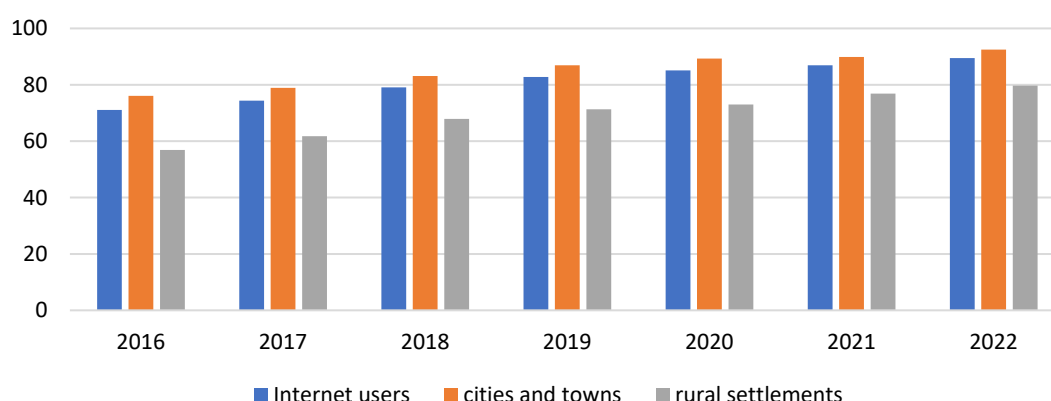


Fig. 1. Access of population (population age 6–72) to the Internet (according to sample household living standards survey; percent of total population of corresponding group).

Source: [1]

The information provided is showing the growth rate of ICT use on average for the «cities and urban-type settlements» indicator exceeds the general parameters of technology use and is significantly higher than the «rural settlements» indicator. Urbanization, development of urban infrastructure and the introduction of digital technologies into everyday life are closely interconnected and are the driving force for building a digital society.

Some indicators of the development of the digital infrastructure of the Republic of Belarus are presented in Fig. 2.

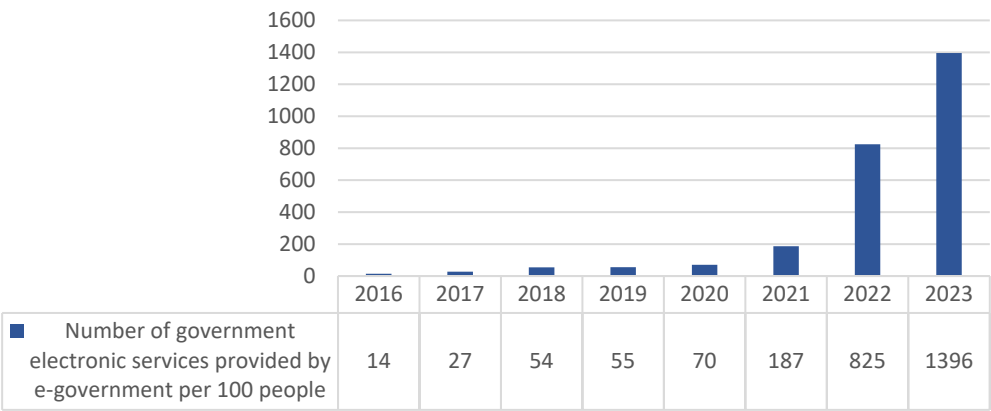


Fig. 2. Number of government electronic services provided by e-government per 100 people.
Source: [1]

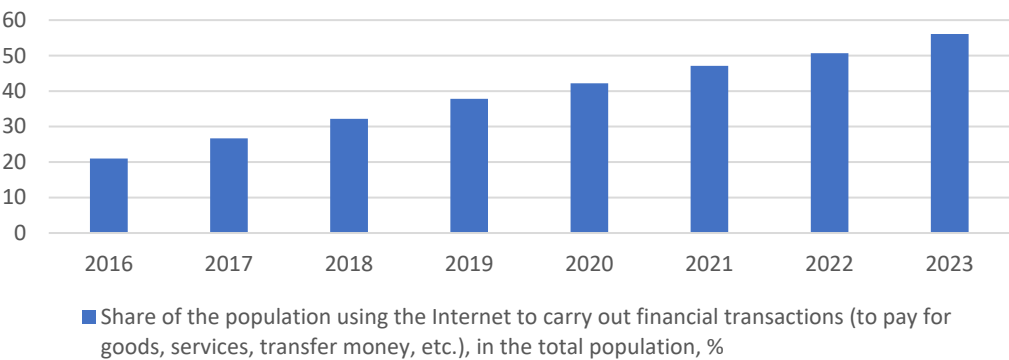


Fig. 3. Share of the population using the Internet to carry out financial transactions (to pay for goods, services, transfer money, etc.), in the total population, %.
Source: [1]

Analysis of data from fig. 2 and 3 shows that the number of government electronic services provided has increased almost 100 times. And the part of the population aged 6–72 years using the Internet for financial transactions in the total population of this age is almost three times.

According to domestic experts, it has been established that the Republic of Belarus belongs to a promising group of countries in terms of the level of digital transformation of the economy and its level is defined as average.

References

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