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Abstract: *This article focuses on the protection of public health in our country, providing our compatriots with cheap and high-quality medicines, modern medical equipment, rules for the organization of production of medicines and medical devices and their quality control.*

Keywords: *Economy, market, pharmaceuticals, pharmaceuticals, global, trend, analysis.*

The complex impact of various factors of the modern world economy on the global pharmaceutical market complicates the study and analysis of its development prospects. This market is constantly dependent on health care reforms, incomes and living standards in different countries, the demographic and epidemiological situation in the modern world. The increase in disease, the intensification of various epidemics in different regions of the world, the emergence of many new diseases in recent years, as well as the acute socio-political situation increase the relevance of studying trends and prospects in the global pharmaceutical market.

During the years of independence, significant work has been done in our country to protect the health of the population, to provide our compatriots with cheap and high-quality medicines, modern medical equipment. Especially in this regard, significant results have been achieved in the last five years within the framework of the Action Strategy. In particular, in order to support pharmaceutical companies and organizations, they were exempted from paying all taxes for 5 years.

In addition, budget allocations for medicines have been significantly increased. In particular, in 2017, 0.4 trillion soums were allocated from the national budget for medicines and medical supplies, in 4 years this figure has more than tripled, and in 2020 - 1.4 trillion soums.

Due to the high social significance of drugs produced in the pharmaceutical industry, the scientific intensity of pharmaceutical production, strict state regulation of the industry and its investment attractiveness, it occupies a special place in the national economy. Nevertheless, the current state of the pharmaceutical industry in our country indicates the instability of the process of development, production and promotion of medicines and insufficient development of national health.

Currently, the global pharmaceutical market is dominated by developing countries, but the competition and position of developed countries remains much higher.

At the current stage of the Uzbek pharmaceutical market, there is still a significant surplus of imported drugs in total sales. Therefore, the problem of import substitution is so acute and important that about 50 normative documents adopted by the government in recent years, both in the field of drug safety and in developing a strategy to increase the competitiveness of local companies in the global pharmaceutical market.

Uzbekistan's pharmaceutical market is the third largest in the CIS after Russia and Ukraine. It is one of the fastest growing markets in the CIS region in terms of growth dynamics (8-10% per year).

Today, the Uzbek pharmaceutical market consumes 9,000 types of medicines, 1,684 types of medical devices and 1,529 types of medical equipment.

The pharmaceutical market of Uzbekistan in 2019 amounted to 1.0 billion dollars, and the share of imports decreased to 79.5%

The pharmaceutical market in 2019 amounted to 1.0 billion dollars (109%), (in 2018 - 954.2 million dollars) and the share of imports decreased to 79.5% (81.3% in 2018), mainly obstetrics and gynecology (99%) , gastroenterology (80%), immunology (95%), cardiology (95%), neurology (87%), dentistry (98%), endocrinology (94%) and others.

In January-May 2020, domestically produced drugs amounted to 179.4 mln. packaging, with a total value of 825.9 billion. soums, an increase of 102% (value) and 105% (quantity) compared to January-May 2019 (in January-May 2019 - 171.2 million packages of medicines worth 812.7 billion soums were produced). In January-May this year, domestic production was fulfilled by 101% (by value) and 103% (by volume) compared to the forecast.

The Uzbek pharmaceutical market will average 1.4 billion soums by the end of 2020. dollars.

The number of pharmaceutical companies in Uzbekistan was 2 in 1994, 68 in 2002 and 130 in 2012. By the end of 2020, 220 local pharmaceutical companies produced 1,271.8 million pharmaceutical companies. packaging, valued at \$ 2.47 trillion. soums worth of pharmaceutical products. The number of employees in the network reaches 8,000 people.

Table 1

The share of the pharmaceutical industry in the formation of the country's GDP

Years	GDP (billion soums)	Volume of pharmaceutical production (billion soums)	Share in GDP,%
2016	242 496	1 144	0.47
2018	406 649	1 440	0.35
2020	580 203	2 470	0.43

Of the local enterprises, 102 specialize in the production of medicines, 30 in medical equipment, 80 in medical devices and 8 in medicines and medical supplies.

At present, the number of products registered by local pharmaceutical companies exceeds 3,524 (3,147 drugs, 280 medical devices, 97 medical devices).

In the first quarter of 2021, 352.2 mln. The value of the package is 670.5 billion. UZS (including 109.1 million packages of medicines, 521.7 billion soums), which is 111.1% (amount) and 109.7% (value) more than in the same period last year. drugs decreased by 14.65 percent (quantity) and 0.62 percent (value).

In January-March 2021, the volume of drug imports into the country amounted to 283 million. USD, which is 100 mln. dollars or 54 percent.

In January-March 2021, the export volume of pharmaceutical companies amounted to 12.9 million. The plan was fulfilled by 144.0 percent and amounted to 5.0 million US dollars compared to the same period last year. dollars or 68 percent.

In the first quarter of 2021, 23 pharmaceutical companies exported medicines and medical devices to a total of 16 foreign countries.

Production of medicines and medical devices consists of serial production in accordance with the rules of organization of their production and their quality control, which includes production on a complete technological cycle or on its individual stages.

During the first quarter of 2021, a total of 261 applications were received for the provision of public services for licensing, and these applications were considered in the prescribed manner, on which 25 decisions of the licensing authority were made. A total of 142 applications were approved, including:

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the number of licenses issued - 92, the number of extended licenses - 6, the number of re-issued licenses - 20, the number of new license agreements - 22, the number of expired licenses - 2. A total of -136 applications were rejected.

In January-April 2021, the number of licenses issued to pharmaceutical companies for the production of drugs was 9, the number of licenses for the wholesale sale of drugs was 64, the number of licenses for the manufacture of drugs was 28.

Currently, there are 220 local pharmaceutical companies operating in Uzbekistan. From them:

- 101 medicines
- 29 medical equipment;
- 82 medical items;
- 8 of them specialize in the production of medicines and medical devices.

Wholesale sale of medicines and medical devices in accordance with the requirements of the law sales and storage.

It is also recognized that the retail sale of medicines and medical supplies is carried out only by pharmacies and their branches.

The pharmaceutical market has 669 wholesale organizations and 13,957 pharmacies and their branches engaged in the retail sale of medicines and medical devices.

The use of drugs, medical devices and medical equipment in medical practice, as a rule, is allowed after their state registration, and their state registration is carried out by the Pharmaceutical Industry Development Agency under the Ministry of Health of the Republic of Uzbekistan.

By the end of the first quarter of 2021, the number of products registered by 220 pharmaceutical companies will be 220, including:

- 200 types of medicines,
- 13 items of medical supplies,
- 7 types of medical equipment are produced.

Out of 220 pharmaceutical enterprises, 55 (25%) have introduced international and national standards, including 34 enterprises ISO 9001: 2008, 7 enterprises ISO 13485 international standard, 12 enterprises Uzbek state standard and 4 enterprises other countries "GMP - Necessary development extraction practice" standard was introduced.

Until April 2021, 2 pharmaceutical companies have been issued GMP certificates. 10 pharmaceutical companies and 1 wholesale company are in the process of certification.

By the end of the first quarter of 2021, 85 standards on "Good Distribution Practice-GDP", 40 standards "Good Production Practice-GMP", "Basic Principles of Risk Management in Quality Assurance and their Application by Manufacturers" (USAID) will be adopted. improved the skills of 43 specialists in the field.¹

Free economic zones "Zaamin-farm", "Kosonsoy-farm", "Syrdarya-farm", "Bostanliq-farm" and "Parkent-farm" have been established in a number of regions of the country. As a result, the dynamics of growth in the pharmaceutical market of Uzbekistan is 8-10% per year, making the pharmaceutical market of Uzbekistan the third largest market in the CIS after Russia and Ukraine. By the end of 2021, the Uzbek pharmaceutical market will produce 9,000 types of drugs, 1,684 types of medical devices and 1,529 types of medical equipment.

As a result of the implementation of the 100 goals set for the next five years of development of the country by the Decree of the President of the Republic of Uzbekistan "On the Development Strategy of New Uzbekistan for 2022-2026", the indicators in this area will rise to a new level.

¹ <https://uzpharmagency.uz/uz/news/uzumiston-respublikasini-farmatsevtika-soasini-2021-jil-i-quarter-davri-natishalari-turida-malumot>

In particular, as a result of the gradual implementation of the tasks set out in Goal 57, a system of maintenance of medical equipment and facilities in public medical institutions will be created, a separate enterprise for maintenance of medical equipment and its 13 regional branches will be established. .

At the same time, in accordance with Goal 58, the regulation of the circulation of medicines and medical supplies and the improvement of the system of supply of cheap and high-quality products to the population will be continued. transmission is set up.

In particular, paragraph 228 of the State Program for the implementation of the Development Strategy of New Uzbekistan for 2022-2026 in 2022 - "Year of Human Dignity and Active Neighborhood" also provides the population with cheap and quality medicines, unreasonably high prices. In order to prevent illegal pharmaceutical activities and violations of the order of sale of over-the-counter drugs, including strong drugs, mechanisms are being established to improve inspection procedures conducted by the Pharmaceutical Industry Development Agency and the Sanitary-Epidemiological Surveillance and Public Health Service.

In short, over the next five years, thousands of people will be able to restore their health in a timely manner in foreign countries and provide cheap and quality medicines that are not harmful to their health. will be able to make timely purchases.²

It is expedient and very important to further improve the provision of the population with quality, effective and safe pharmaceutical products, increase the production volumes, scientific and technical and export potential of local manufacturers, as well as attract foreign direct investment.

- In 2019, 36 projects worth \$ 120.3 million were launched (including \$ 40.9 million in foreign investment) and 1,760 new jobs were created.

- In 2020, 34 projects worth \$ 92.8 million were launched (including \$ 14.214 million in foreign investment) and 1,622 new jobs were created.

Resolution of the President of the Republic of Uzbekistan dated December 28, 2020 No PP-4937 "On measures to implement the Investment Program of the Republic of Uzbekistan for 2021-2023" with a total value of 282.2 million soums in the pharmaceutical industry. There are 25 investment projects worth \$ 2021-2024. Of this, 98.0 mln. USD investments, including 22.4 mln. USD of foreign direct investment and loans and 10.0 mln. dollars of state-guaranteed foreign loans. By the end of 2021, the total cost will be 59.0 million. It is planned to launch 14 projects worth \$ 1 billion and create 655 new jobs.

According to the investment program, the Agency has allocated 279.5 million soums. As part of 25 investment projects worth \$ 96.9 million in 2021. USD investments, including 21.3 mln. USD of foreign direct investment and loans and 10.0 mln. dollars of state-guaranteed foreign loans. In the framework of these projects in January-March 2021, a total of 13.2 mln. USD (including \$ 4.4 mln. of foreign investments and loans) were disbursed and the plan for the reporting period was fulfilled by 157.5%.

Today, 28 local pharmaceutical companies export to 28 foreign countries. In 2020, compared to 2016, the volume of exports increased almost 5 times and amounted to 11.2 million. dollars.

In 2020, Kyrgyzstan (\$ 6.3 million), Kazakhstan (\$ 6.7 million), Afghanistan (\$ 2.4 million), Turkmenistan (\$ 3.7 million) and Tajikistan (\$ 0.7 million) will account for the largest share of exports. \$ 72 million).

The bulk of exports of pharmaceutical products account for medicines and gauze, medical cotton.

According to the State Statistics Committee, in 2021 Uzbekistan will receive about 1.6 billion soums from 63 countries. US dollars worth of pharmaceutical products were imported.

The volume of imports of pharmaceutical products compared to 2020 amounted to 437 mln. Increased to USD.

In 2021, Uzbekistan will be the largest importer of pharmaceutical products:

- India - 300.8 mln
- China - 290.6 million
- Russia - 145 mln
- Ukraine - 86 mln
- Germany - 78 million
- Hungary - 74 mln
- Latvia - 68.5 million
- Turkey - 66 million US dollars

In 2021, local enterprises produced pharmaceutical products worth 3.6 trillion soums, which is 29% more than in 2020. As of January 1, 2021, a total of 221 enterprises producing pharmaceutical products are operating in the country. Of them, 91 specialize in the production of medicines, 32 in medical equipment, 90 in medical devices, 8 in the production of medicines and medical supplies, 140 pharmacies in the manufacture of medicines.

At the same time, there are 616 organizations engaged in wholesale sales and 15,790 pharmacies and their branches engaged in the retail sale of medicines and medical devices. As can be seen from the picture, the retail chain has expanded significantly with the number of wholesale drug dealers declining over the past period.

REFERENCES

1. Constitution of the Republic of Uzbekistan. - Tashkent, "Uzbekistan", 2018. - 56 b.
2. Decree of the President of the Republic of Uzbekistan No. PF-60 of January 28, 2022 "On the Development Strategy of the New Uzbekistan for 2022-2026"
3. Mirziyoev Sh.M. Together we will build a free and prosperous, democratic state of Uzbekistan.- T.: Uzbekistan, 2016.- 56 p.
4. Decree of the President of the Republic of Uzbekistan dated February 7, 2017 No PF-4947 "On the Action Strategy for further development of the Republic of Uzbekistan".
5. Decree of the President of the Republic of Uzbekistan No. PF-4947 of February 7, 2017 "On the strategy of further development of the Republic of Uzbekistan."
6. Decree of the President of the Republic of Uzbekistan No. PF-55 of January 21, 2022 "On additional measures for the accelerated development of the pharmaceutical industry of the republic in 2022-2026"
7. Soliev A., Vuzrukxonov S., Marketing, market science. Textbook. - T.: Iqtisod-Moliya, 2010. - 424 p.
8. Ergashkhodjaeva Sh.J., Qosimova M.S., Yusupov M.A. Marketing. Textbook. - T.: TDIU, 2011. - 202 p.
9. Bobojanov B. R. Statistical analysis and forecasting of the pharmaceutical market in Uzbekistan. Scientific electronic journal "Economy and Innovative Technologies". № 6, November-December, 2020.
10. B.Xamidov. Farmatsevticheskaya otrasl Uzbekistana pri vstuplenii v VTO. <https://review.uz/post/farmatsevticheskaya-otrasl-uzbekistana-pri-vstuplenii-v-vto>
11. Kovalnogova Yu.N. Organization pryamyx sale farmatsevticheskoy kosmetiki s uchëtom faktorov potrebitelskogo povedeniya. AVT. Dis. na sois., uch.stepeni k.e.n. Ulyanovsk - 2018.

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12. Safonova T. A. Sotsiologicheskiy analysis sotsialnyx practical mnogourovneвого marketing. Abstract of the dissertation on the study of science
13. Alimov R.X. and others. Marketing management. - T.: "Adolat", 2000. - 424b.
14. Vasnetsova N.V. Pharmaceutical marketing. - Moscow. 2005. 358 p.
15. Mickey C.Smith, Kolassa EM, Greg Perken, Bruc! Siecer. Pharmaceutical Marketing. Principles, Environmentand Practce. New York. London. Oxcford. 2005.-p.382
16. Shane P. Desselle, David P. Zgarrick. Pharmacy Management Essential! for All Practice Settings. - Me Grow Hill Medical.- 2011, - P.652.
17. Data of the Pharmaceutical Industry Development Agency under the Ministry of Health of the Republic of Uzbekistan
18. Data of the official website of the Statistics Committee of the Republic of Uzbekistan