

2021-2023 yillar uchun
**OPERATSION SAMARADORLIKNI RIVOJLANTIRISH
VA TAKOMILLASHTIRISH BO'YICHA BIZNES-REJASI**

**БИЗНЕС-ПЛАН ПО РАЗВИТИЮ И ПОВЫШЕНИЮ
ОПЕРАЦИОННОЙ ЭФФЕКТИВНОСТИ**
на 2021-2023 год

**BUSINESS PLAN FOR DEVELOPMENT
AND IMPROVEMENT OF OPERATIONAL EFFICIENCY**
for 2021-2023

O'zbekiston respublikasi
tovar-xomashyo birjasi

Узбекская республиканская
товарно-сырьевая биржа

Uzbek commodity exchange

Approved at the AGM
shareholders of JSC « UzEX » March 20, 2021

BUSINESS PLAN FOR DEVELOPMENT AND IMPROVEMENT OF OPERATIONAL EFFICIENCY for 2021-2023

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Tashkent-2021

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1. Project summary

This business plan of JSC «UzEX» was developed in pursuance of the Decree of the President of the Republic of Uzbekistan dated October 27, 2020 No. UP-6096 «On measures to accelerate the reform of enterprises with the participation of the state and the privatization of state assets», as well as the roadmap approved by the decision of the Supervisory Board of 01/11/2021.

The business plan of “UzEX” JSC for 2021 - 2023 includes an analysis and forecast indicators of current activities, investment projects of the exchange, as well as an indication of specific sources of their financing.

In the section on current activities, the main commodity markets that provide the largest share of the exchange's turnover are analyzed, and development forecasts are made based on publicly available statistics and economic indicators of enterprises' activities, trend models of the price factor, using mathematical modeling methods.

The business plan provides for the following growth in turnover in the context of the main commodity items:

In order to ensure the predicted value of the commodity turnover of JSC «UzEX», taking into account the forecast values of the growth of the economy of the Republic of Uzbekistan as a whole, as well as the penetrating level of inflationary expectations based on international credit ratings, this document contains a description of the strategic projects of JSC «UzEX» intended for implementation in analyzed period, including:

- strategic projects of JSC «UzEX» for the development of exchange trading, clearing and the introduction of new mechanisms and modern financial instruments;

- strategic projects of “UzEX” JSC for the development of the e-commerce market;

- strategic projects of JSC «UzEX» for the development of state purchases.

Based on the predicted values of the turnover presented in the context of the regions of the Republic of Uzbekistan, a financial model of the Exchange was developed, and **optimal dividend policy for 2021-2023**, for the optimal balance of financial investments in order to implement strategic projects, based on the balanced interests of shareholders, including the state, and the Exchange.

The dividend policy presupposes a steady increase in shareholder income, providing for the amount of dividend per ordinary share in 2021 - 1150 UZS / share, in 2022, 1180 UZS / share, by the end of 2023, the amount of dividend per 1 ordinary share will reach a record rate of 1120 UZS / share (from taking into account the planned capitalization), which will ensure a return on investment relative to the market price of the share of 15% and 250% relative to the par value of the shares.

2. Brief information about the society

Today, the activities of JSC «UzEX» are largely focused on servicing the trading process, the exchange is engaged not only in quotation of prices, but also promptly and accurately carries out settlements on exchange transactions, provides guarantees for the execution of concluded transactions, and also participates in the organization of government and corporate purchases.

More than 2,000 enterprises and organizations of both the public and private sectors become Clients of the Exchange every day. Thanks to the exchange mechanism, business entities not only get free access to goods and raw materials, but also successfully use modern exchange technologies in promoting their products to domestic and foreign markets.

JSC «UzEX» plays a significant role in ensuring equal access of national and foreign companies to highly liquid commodity assets produced in the republic, such as ferrous and non-ferrous metals, oil products, cotton fiber and cotton products, mineral fertilizers, sugar, wheat flour, grain and much more.

The Uzbek Commodity Exchange was established in accordance with the Decree of the President of the Republic of Uzbekistan dated February 28, 1994 No. UP-772 in the structure of the Uzoptbirzhetorg Association.

In accordance with the Decree of the President of the Republic of Uzbekistan dated April 27, 2001 No. UP-2836, JSC «UzEX» was withdrawn from the association «Uzoptbirzhetorg» and operates as an independent market structure.

In accordance with the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated February 4, 2003 No. 66 «On licensing of exchange activities» on March 28, 2003, the exchange was issued a license No. RR 38-02.

The Exchange operates in the form of a joint stock company.

The authorized capital of the exchange was formed in the amount of 15,741,268.2 thousand soums, the number of distributed shares - **74,958,420**. The state's share in the authorized capital of the exchange is 26.01%.

The exchange is located in the capital of the Republic of Uzbekistan, the city of Tashkent. The exchange has an extensive trading infrastructure. Its structure includes **13 branches** in all regional centers of the country.

At the moment, more than 300 trading platforms and more than 1000 brokerage houses, in which 3300 traders work, provide services to the clients of the exchange.

Currently, there are 561 brokerage houses and 3265 traders on the exchange (2019 - 954 brokerage houses and 2925 traders).

Hisob seriyasi		Raqami
		
<p>O'zbekiston Respublikasining Xususiylashtirish, monopoliyadan chiqarish va raqobatni rivojlantirish Davlat qo'mitasi</p> <p>LITSENZIYA</p>		
Toshkent shahri	Berilgan vaqti 25.08.2014y.	
<p>O'zbekiston Respublikasining Xususiylashtirish, monopoliyadan chiqarish va raqobatni rivojlantirish Davlat qo'mitasining 22.08.2014y. dagi 99-II -sonli qarori bilan</p> <p>2014 yil 22 avgust dan muddatsiz gacha birja faoliyatini amalga oshirish huquqi «O'ZBEKISTON RESPUBLIKA TOVAR-XOM ASHYO BIRJASI» aksiyadorlik jamiyati ga berildi.</p>		
<p>Toshkent shahri, Bobur ko'chasi, 77 uy.</p> <p>200933985</p>		
<p></p> <p>RR38-02</p>		
<p>D.A. Xidoyatov</p> <p></p>		

Region	Brokerage offices	Traders	Trading platforms
Tashkent	269	811	8
Andijan region	88	309	33
Bukhara region	85	218	24
Jizzakh region	35	90	7
Kashkadarya region	85	210	24
Navoi region	40	95	8
Namangan region	81	239	35
Republic of Karakalpakstan	47	103	22
Samarkand region	68	318	31
Surkhandarya region	62	198	22
Syrdarya region	22	44	8
Tashkent region	28	80	23
Fergana region	111	465	fifty
Khorezm region	61	114	16
Total	1,082	3294	311

Foreign trading platforms of JSC «UzRTSB»

Nº	TP number	Name of the legal entity	The country	Region	The address	Email
1	15-001	LLP "Alta and K"	The Republic of Kazakhstan	Almaty city	microdistrict Duman-2 building 18 kv 55	<i>info@altatender.kz</i>
2	15-002	LLC "Latemgroup"	Republic of Belarus	Minsk	Kedysko str., 14 B building 25 room.	<i>korol_sv@mail.ru</i>
3	15-003	LLC "Atlant"	Russian Federation	Chelyabinsk	st. Sony Curve 56	<i>tdell@yandex.ru</i>
4	15-004	"XINJIANG ASIA- EUROPA INTERNATIONAL MATERIAL TRADE CENTER CO. LTD "	People's Republic of China	Kuytun	South Ring Road, Cuizhuyuan 50 A	<i>chinaimpex@mail.ru</i>
5	15-005	OSO "ATO-finance"	Republic of Kyrgyzstan	Bishkek city	Dostuk street 49	<i>ashabdanov@gmail.com</i>
6	15-006	KazExpertTrade LLP	The Republic of Kazakhstan	Shymkent	Temirlanovskoe highway, 40A / 28	<i>nkoblanova@mail.ru</i>
7	15-007	Constant Profit LLP	The Republic of Kazakhstan	Nur-Sultan	Kokarbayev street 45/29	<i>cpbrokerdiler@gmail.com</i>
8	15-008	OJSC "INVESTSTROY"	Russian Federation	Vladimir	Ave Builders, 22a	<i>kayumov.raxmatulla@mail.ru</i>
9	15-009	"Fund for the Promotion of Export-Import Activities"	Russian Federation	Perm	Permskaya st., 52	<i>rusexportimport@gmail.com</i>
10	15-010	LLC "PRIME INVEST"	The Republic of Tajikistan	Dushanbe	st. Bokhtar, house 37_1, office 506	<i>info@primeinvest.tj, director@primeinvest.tj</i>
11	15-011	LLP "GOLDEN ASTYK"	The Republic of Kazakhstan	Nur-Sultan	street 23-30, building 1, apt. 15	<i>goldenastyk@mail.ru</i>
12	15-012	LLC "Active Trading Company"	Russian Federation	Perm	Gremyachinskaya st., 71, office 9	<i>ooo.atc.ru@gmail.com</i>
13	15-013	Industrial Marketing Agency LLC	Russian Federation	Kurgan	Prospect of the Constitution, 55, apt. twenty	<i>s.sapaeva@mail.ru</i>
14	15-015	LLC "TRADE-VV"	Ukraine	Kiev	Dniprovskiy district, Evgeniya Malanyuk st., 114a, office 320	<i>trade.vvua@gmail.com</i>

2.1. Place and role of JSC «UzEX» in the world community

According to the report «Information and analytical review of the IAB exchange commodity markets» published by the International Association of Exchanges of the CIS Countries (IAB CIS) at the end of 2019, the Uzbek Commodity Exchange (JSC «UzEX») confidently ranks second among the CIS commodity exchanges in terms of trading volume ...

In particular, the trading volume of UzEX in 2019 in dollar terms amounted to USD 4,259.9 million, which is 20.1% higher than this figure in 2018.

The leader is the St. Petersburg International Commodity and Raw Materials Exchange (JSC SPIMEX), where transactions, including commodity futures, were concluded in the amount of about USD 15,250.0 million (at the exchange rate of the Central Bank of the Russian Federation as of January 1, 2020) ... Then, after JSC «UzEX» are followed by the Belarusian Universal Commodity Exchange (JSC «BUCE») with a trading volume of US \$ 2,180.75 million, the «Caspian» Commodity Exchange - US \$ 801.86 million and the «Eurasian Trading System» Commodity Exchange USD 597.0 million (Kazakhstan).

At present, UzEX continues to successfully operate in the commodity segment, focusing on the traditional exchange principles of openness, transparency and competition, which harmoniously fits into the new model of market reforms carried out in our country.

Nº	The country	Stock ex- change	Year of creation	Profile	Nomenclature of the main product directions	Infra- struc-ture	Turn- over
1	USA	Chicago Mercantile Exchange / Chicago Mercantile Exchange Group	1874	Futures trading	Grain, soybeans and products of its processing, gold, silver, long-term securities of the US Federal Treasury, stock indices	3600 exchange members	USD 326.7 trillion
2.	European Union (Belgium, France, Nether- lands and Portugal)	«Euronext NV»	Sept. 2000	Futures trading	Shares and derivatives	518 exchange members	USD 159.4 trillion
3.	PRC	Shanghai Futures Exchange	De- cember 1999	Futures trading	Copper, aluminum, zinc, natu- ral rubber, fuel oil and gold	675 exchange members	USD 110.9 trillion
4.	India	National Com- modity and Derivatives Exchange of India	April 2003	Futures trading	Barley, corn, wheat, rice (basmati), mung bean, chickpeas, castor seeds, cotton cake, soybean oil, raw palm oil, spices, cotton, sugar, guar gum, guar seeds.	241 exchange members	USD 105.9 trillion

5.	Republic of Belarus	JSC «Belarusian Universal Commodity and Raw Materials Exchange»	May 2004	Spot transactions with cash Forward transactions	Timber products, metal products, agricultural products, industrial and consumer goods	brokerage houses	USD 172.1 million
6.	Russian Federation	JSC Saint Petersburg International Commodity and Raw Materials Exchange	May 2008	Spot transactions with cash Derivatives market Corporate purchasing	Petroleum products, oil, natural gas, timber and building materials, mineral raw materials and chemical products, energy	76 brokerage houses	USD 13,739.6 million
7.	Kazakhstan	Commodity exchange "Eurasian trade system"	December 2008	Spot transactions with cash	Cereals (wheat, barley), cotton, sugar, cement, coal, lime, sand, crushed stone, liquefied petroleum gas Corporate purchases	45 brokerage houses	USD 26,8 million
8.		Commodity exchange "Caspian"	November 2011	Spot transactions with cash	Cement, coal, liquefied gas, metal products, agricultural products, industrial and consumer goods	26 brokerage houses	USD 64,1 million
9.	The Republic of Uzbekistan	Uzbek Republican commodity exchange	April 1994	Spot transactions with cash Forward transactions Government and corporate procurement	Cotton fiber, cement, fuels and lubricants materials, polymers, vegetable oil, liquefied gas, Cereals (wheat, barley), cotton, sugar, cement, coal, lime, sand, crushed stone, agricultural products, industrial and consumer goods	13 regional branches, 309 trading floors, 1122 brokerage houses	USD 5354,9 million
10.	Turkmenistan	State Commodity and Raw Materials Exchange of Turkmenistan	July 1994	Spot transactions with cash	Petroleum products, oil, natural gas, timber and building materials, mineral raw materials and chemical products, energy products, metal products, agricultural products, industrial and consumer goods	89 brokerage houses	USD 3628,9 million

2.1.1. Membership in international specialized structures

JSC «UzEX» cooperates with international Associations, Federations and unions.

In the International Association of Exchanges of the CIS countries (IAB CIS), participation has been restored as a full member of the Association, with the aim of expanding cooperation, developing international, exchange and financial ties, improving the organizational structure, determining priority areas in development.

In order to exchange experience and create exchange commodity derivatives markets, expand the range of exchange trading instruments provided, introduce a system for concluding futures and forward transactions on the exchange, UzEX joined the Association of Futures Markets (AFM) as a full member.

The Federation of Euro - Asian Stock Exchanges (FEAS) JSC «UzEX» joined FEAS as an observer.

Within the framework of the first meeting of the Joint Commission at the level of the heads of government of the Republic of Uzbekistan and the Russian Federation, a Memorandum of Cooperation was signed between UzEX and the Russian-Uzbek Business Council, which provides for:

promoting the development of trade and economic cooperation between business entities of the Parties;

supporting the development of entrepreneurship, improving the investment climate in the Russian Federation and the Republic of Uzbekistan based on the use of the capabilities of modern information and communication technologies, exchange and electronic trading tools.

Also, Memorandums were signed with international financial institutions of the Russian Federation:

- a Memorandum of Cooperation was signed with PJSC «Transcapitalbank» providing for the introduction of a service mechanism and improvement of infrastructure to ensure settlement operations of clients of JSC «UzEX» through correspondent accounts of PJSC «Trustbank» in PJSC «Transcapitalbank», with the optimization of settlements of exchange trade in foreign trade transactions, simplification of procedures execution of transactions and improvement of settlement operations.
- A Memorandum was signed with Asia Invest Bank JSC on cooperation between providing for the introduction of a service mechanism and infrastructure improvement to ensure settlement operations of UzEX JSC clients, with the optimization of exchange trade settlements in foreign trade transactions, simplification of transaction execution procedures, as well as mutual assistance and exchange experience in combating money laundering and terrorist financing.
- JSC Roseximbank, the Russian Export Center group reached an agreement to open a separate LORO account with ROSEXIMBANK, which will be used for settlements only for exchange transactions with the opening of ruble accounts and settlements thereon.

2.2 Governance structure

According to the Law of the Republic of Uzbekistan «On Joint Stock Companies and Protection of Shareholders' Rights», the Charter of the company, the company is governed by the General Meeting of Shareholders, the Supervisory Board and the Management Board.

The shareholders of the exchange are:

Nº	Shareholder	Share in the authorized capital, %	Number of shares, pcs	Amount, thous. sum
1	State Assets Management Agency	26,01%	19 500 000	12 285 000
2	PJSB "Trustbank"	19 %	16 034 046	10 101 449
3	JV LLC "Presystem universal"	17,81%	13 347 297	8 408 797
4	JSC "O'zbekneftgaz"	6,00%	4 500 000	2 835 000
5	JSC "Almalyk Mining and Metallurgical Plant"	6,00%	4 500 000	2 835 000
6	JSC "Uzbek Metallurgical Plant"	6,00%	4 500 000	2 835 000
7	JSC "Maxam-Chirchiq"	1,66%	1 243 965	783 698
8	JSC "Ammofos-Maxam"	1,62%	1 212 339	763 774
9	Fargonaulgurzhisavdo JSC	1,56%	1 166 232	734 726
10	Other legal entities in the amount of 49 enterprises	3,96%	2 969 627	1 870 865
	<i>including 4 non-residents</i>	<i>1,13%</i>	<i>846 813</i>	<i>533 492</i>
11	Individuals in the amount of 543 people	7,99%	5 984 914	3 770 496
	<i>including 20 non-residents</i>	<i>0,69%</i>	<i>520 839</i>	<i>328 129</i>
Total		100,00%	74 958 420	47 223 805

The supreme governing body of the company is the General Meeting of Shareholders. The general meeting of shareholders of the company is convened at least once a year, but not later than six months after the end of the financial year. In the period between meetings, the general management of the Company's activities is carried out by the Supervisory Board.

In accordance with the Law of the Republic of Uzbekistan «On Joint Stock Companies and Protection of Shareholders' Rights» and the Charter of the company, the Supervisory Board consists of 7 members.

Nº	FULL NAME	Position
1	<i>Chairman of the Supervisory Board of JSC "UzRTSB"</i> Ortikov Akmalkhon Zhurakhonovich	First Deputy Minister of Economic Development and Poverty Reduction
2	Kurbanov Umidzhon Abdurasulevich	Head of the Secretariat of the Ministry of Economic Development and Poverty Reduction of the Republic of Uzbekistan
3	Normukhamedov Sardor Rifatovich	Chairman of the Board of PJSB "Trustbank"
4	Ziyaev Aziz Abdukhakimovich	Head of Securities Department of PJSB "Trustbank"
5	Karimova Mahira Shadibekovna	Director of Presystem Universal LLC
6	Fazilov Furkat Anvarovich	Head of Department of the Agency for State Assets Management of the Republic of Uzbekistan
7	Makhmudov Rasul Batirovich	Head of Department of the Agency for State Assets Management of the Republic of Uzbekistan

The management of the current activities of the company is carried out by the executive body of JSC «UzEX» - the Board. The chairman of the board is elected (appointed) by the general meeting of shareholders for a period of one year.

By the decision of the annual general meeting of shareholders dated May 22, 2020, Z.B. Badriddinov was elected Chairman of the Management Board.

As of 01.01.2021, the composition of the Management Board is as follows:

№	Full name of a member of the board of JSC "UzRTSB"	Position held	Decision of a higher authority
1	Badriddinov Zieviddin Bositovich	Chairman of the Board of JSC "UzRTSB"	Decision of the annual general meeting of shareholders dated May 22, 2020
2	Kamolov Zulfiddin Mehriddinovich	First Deputy Chairman of the Board for IT Technologies and Innovations	Decision of the annual general meeting of shareholders dated May 22, 2020
3	Prokudina Kristina Alexandrovna	Deputy Chairman of the Board for Strategic Development, Finance and Corporate Governance	Decision of the annual general meeting of shareholders dated May 22, 2020
4	Davydenko Nikolay Yurievich	Deputy Chairman of the Board for Organization of Tenders and Procurements	Decision of the Supervisory Board dated September 17, 2020
5	Samatov Nabikhon Subikhonovich	Director of the Center for Analysis of Commodity Markets and Forecasting	Decision of the annual general meeting of shareholders dated May 22, 2020

2.3. Main types of activities of JSC «UzEX»

The company carries out the following main activities: There are 5 trading platforms on the exchange:

exchange electronic trading system (electronic automated trading system for collecting and satisfying orders for concluding deals with traded instruments);

electronic trade system of **exhibition and fair trades**;

electronic trading system for **the sale of license plates**;

electronic **government procurement**;

electronic trading system for **the sale of mobile numbers**.

2.3.1. Exchange trading

They function on the basis of ESBT - an electronic exchange trading system. The auction systematically exposes goods with uniform standard properties, which are interchangeable with the same goods from another manufacturer or from another batch.

Among the main advantages of exchange trading at UzEX are:

- the possibility of using the services of highly qualified sales personnel;
- the ability to choose intermediaries - brokers;
- increasing the volume of trade without increasing their own costs for these purposes;
- obtaining guarantees for the execution of transactions;
- the ability to pay for services for the implementation of trade operations through a brokerage office in the amount of a certain percentage of their volume;
- the speed of trading operations;
- equality of all bidders regardless of the size of enterprises, their industry and departmental affiliation, territorial location;
- high level of liquidity in the market;
- low transaction costs;
- a high level of competition in the auction, which allows for the formation of optimal market prices due to the participation of a large number of potential buyers / sellers.

The right to participate in exchange trading is granted to members of the exchange - persons who have received, in accordance with the established procedure, a brokerage place on the exchange.

Only exchange commodities are put up for trading on the exchange platform. The concept of «exchange commodity» refers to a commodity that, in terms of its qualities and structure, has uniform standard properties, in terms of its main and defining parameters, it is interchangeable with the same commodity from another manufacturer or another batch, and must be systematically put up for auction.

Exchange trades at UzEX are held daily, from 9:30 to 17:00 Tashkent time, except Saturday and Sunday. In order to create favorable conditions for domestic and foreign participants in foreign economic activity, since March 4, 2005, a foreign exchange trading platform has been operating at the UZEX, where you can purchase any volume of highly liquid products put up for exchange trading for hard currency.

E-commerce

2.3.2. Exhibition and fair trades

At exhibition and fair auctions, all types of goods admitted to civil circulation are sold, regardless of their qualitative characteristics and quantitative parameters, including goods that have purely individual properties, as well as those that are not systematically or rarely put up for auction.

Trades are carried out via the Internet in real time; settlements for trades are also made online.

System advantages:

Saving time - simple registration procedure in the trading system 24/7 access to trading;

Cost savings - no additional advertising funds required; Minimum number of intermediaries.



YARMARKA

2.3.3. AVTORAQAM platform

AVTORAQAM is a new trading platform for the sale of state registration plates for motor vehicles with an increased payment rate for individuals and legal entities.

The new electronic auction trading mechanism, like other trading platforms of the UzEX, is based on the principles of openness, transparency, competition and equal access for all bidders.

The placement of license plates for the auction is carried out by the responsible employees of the departments of the State Traffic Safety Inspectorate of the Ministry of Internal Affairs of the Republic of Uzbekistan.

Payment method for individuals through plastic cards, which must be attached after authorization in your personal account. Legal entities pay by transferring funds, the details are indicated in the public offer.



Avtoraqamlar onlayn auksioni

2.3.4. State procurements

Since 2018, UzEX has been the operator of a special information portal for public procurement - xarid.uz. This portal ensures openness and efficiency of public procurement. It gives open access to all public procurement announcements, carries out electronic purchases in the form of an electronic store and auction.



Xarid.uz

Customers and suppliers bid exclusively using electronic digital signatures. Trades are conducted in the form of a reverse auction. This system uses a mechanism of guaranteed collateral for transactions through the clearing house.

2.3.5. MOBILRAQAM platform

MOBILRAQAM -This is a new electronic trading system of JSC «UzEX» for the sale of paid subscriber numbers with a demanded

combination of numbers through an online auction. Both legal entities (B2B) and individuals (B2C) will be able to participate in the online auction as buyers. The new trading mechanism, like other trading platforms of the UzEX, is based on the principles of openness, transparency, competition and equal access for all trading participants.



MOBILRAQAM
Mobilraqamlar onlayn auksioni

2.4 Compliance of the services provided to international standards

In 2017, work is underway on an ongoing basis to improve the quality management systems of the services provided. In 2021, it is planned to conduct a supervisory audit of the QMS in accordance with the international standard ISO 9001-2015.



3. Analysis of highly liquid and monopoly types of products sold at the exchange auctions of the Uzbek Commodity Exchange

3.1. Food and agricultural products: wheat, flour, barley, sugar, cotton fiber, cotton linters, cotton seeds, cottonseed oil, laundry soap, meal, husks

3.1.1. Wheat product widely used in food, industrial and feed industries. Wheat is mainly used to produce flour, cereals, alcohol, oils and feed products.

Wheat grown in Uzbekistan has a low protein content, so the grown product is mainly used in industry, livestock and poultry farming. The bulk of the grown products are traded on the exchange for all categories of buyers.

The main suppliers of wheat at exchange trading are enterprises that are part of Uzdonmahsulot JSC (41 organizations) and account for a large share of 99.8% in 2019 and 94% in 2020.

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	929 399,0	1 757 488,0	1 891,0	409 482,4	1 111 857,0	2 715,3
JSC "Uzdonmahsulot"	928 753,0	1 756 185,5	1 890,9	389 430,4	1 052 206,4	2 701,9
"ANDIJONDONMAHSULOT" AJ	18 481,0	36 241,6	1 961,0	3 398,0	9 157,2	2 694,9
"Qamashi Don Qabul Qilish" Mas'uliyati Cheklangan Jamiyati	42 950,0	81 987,8	1 908,9	14 890,0	40 404,4	2 713,5
"QORAKO" LDONMAHSULOTLARI aksiyadorlik jamiyati	1 022,0	1 806,2	1 767,3	700,0	1 897,3	2 710,5
"Kashkadaryodonmahsulotlari" OAZH	27 623,0	52 195,3	1 889,6	5 279,0	15 132,4	2 866,5
"KURGONTEPA DON MAKHSULOTLARI" AZH	1 728,0	2 813,7	1 628,3	14 016,0	39 324,6	2 805,7
"Sariosiyo Don" MCI	630,0	1 036,9	1 645,9	-	-	-
"Surkhondaryodonmahsulotlari" AZ	94 989,0	166 727,0	1 755,2	31 548,1	83 577,9	2 649,2
Asaka Don Mahsulotlari AJ	4 237,0	7 430,8	1 753,8	4 228,6	12 281,8	2 904,5
DUNYO-M AJ	64 269,0	123 801,6	1 926,3	26 295,2	73 426,5	2 792,4
Farg'onadonmahsulotlari AJ	20 300,0	38 387,4	1 891,0	15 112,7	43 573,9	2 883,3
Qonirat Un Zavodi AJ	659,0	1 277,6	1 938,7	149,0	339,9	2 281,0
TOSHKENTDONMAHSULOTLARI AJ	-	-	-	3 671,0	8 801,3	2 397,5
A / O Bogdoddonmahsulotlari	30 230,0	57 110,6	1 889,2	20 760,0	58 170,0	2 802,0
AL OHANGARON DON	21 017,0	34 876,8	1 659,5	720,0	1 692,9	2 351,3
JSC "Karakalpakdanonimlari"	198,0	342,9	1 731,8	107,0	241,1	2 253,2
JSC "Namangandonmahsulot"	43 660,0	86 557,8	1 982,5	37 505,9	104 343,7	2 782,1
Galla-alteg JSC	24 790,0	49 025,7	1 977,6	67,0	164,9	2 461,1

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
JSC Zhuma Elivator	31 110,0	63 454,4	2 039,7	7 639,4	20 919,3	2 738,3
Ok oltin DON Mahsulotlari JSC	63 319,0	118 834,1	1 876,8	13 733,1	35 043,0	2 551,7
JSC Khavast-Don	44 170,0	83 427,5	1 888,8	30 251,0	77 269,9	2 554,3
OJSC Takhiatash dan	67,0	123,5	1 842,9	-	-	-
Bogot-Don AZ	285,0	515,6	1 809,3	-	-	-
Bukh. Don Mahsulot	27 044,0	49 758,0	1 839,9	7 982,6	22 192,5	2 780,1
Don Hulk Rizki OAJ	30 737,0	60 988,6	1 984,2	4 553,3	12 720,2	2 793,6
Dustlik Don Mahsulotlari	45 000,0	92 047,4	2 045,5	6 387,0	17 343,2	2 715,4
Jizzakhdonmahsulotlari OAJ	46 706,0	88 001,2	1 884,2	18 658,7	48 646,5	2 607,2
ZARBDOR ELEVATORI OAZH	56 133,0	93 310,6	1 662,3	42 809,3	104 540,0	2 442,0
Kiziltepa Un backwater	11 298,0	20 893,6	1 849,3	1 669,8	4 826,9	2 890,7
Kogondonmahsulotlari AZ	-	-	-	3 821,2	11 330,0	2 965,0
Koson DMKK MCJ	60 284,0	113 740,3	1 886,7	22 655,3	63 392,1	2 798,1
Kuva DON Mahsulotlari	6 255,0	12 030,3	1 923,3	3 052,8	9 067,7	2 970,3
Kukon Don Mahsulot	45 570,0	91 034,0	1 997,7	16 200,0	44 855,4	2 768,9
Navoi DON	10 000,0	19 329,4	1 932,9	2 261,3	6 885,9	3 045,1
Turtkul don LLC	50,0	70,6	1 412,7	-	-	-
OTKhZh Zhombay Don	3 924,0	8 217,9	2 094,3	2 165,0	5 815,3	2 686,0
Pop don mahsulot otkhzh	8 890,0	17 969,0	2 021,3	6 874,8	19 936,8	2 900,0
Samarkand Don	33 540,0	65 813,1	1 962,2	3 405,0	8 567,4	2 516,1
Uchkurgon don mahsulotlari AZ	2 579,0	5 045,8	1 956,5	3 451,9	10 017,7	2 902,1
H / F "Oktosh don"	2 413,0	4 899,3	2 030,4	4 749,0	12 960,2	2 729,0
Shurchi Don Mahsulotlari Korkhonasi	1 968,0	3 999,0	2 032,0	8 454,4	22 889,5	2 707,4
SHYMBAY DAN LLC	628,0	1 062,5	1 691,8	208,0	457,0	2 197,3
Others	646,0	1 302,5	2 016,3	20 052,0	59 650,7	2 974,8
"ALIBEK SIFAT QURILISH" MCHJ	8,0	17,6	2 200,0	-	-	-
"ASIA METALL BUSINESS" xususiy korxonasi	-	-	-	1 504,0	4 958,4	3 296,8
"FIR-SHAX PARRANDA" MCHJ	-	-	-	-	-	-
"IKROM MAXMUDOV" fermer xo'jaligi	460,0	893,3	1 942,0	-	-	-
"MILANO DREAM TRADE" mas' MCHJ	-	-	-	50,0	147,5	2 950,0
JIZZAX SHAHAR SAYHAN MAXSUS TOMORQA XIZMATI MCHJ	-	-	-	-	-	-
OOO OHANGARON CHORVADOR FAYZ	-	-	-	-	-	-
Yakkatut G'allachilik va Urug'chilik Klasteri MCHJ	-	-	-	10 910,0	32 820,2	3 008,3
FE INDORAMA AGRO LLC	-	-	-	5 638,0	16 119,9	2 859,2
Limited Liability Company "StalAgroTrade"	-	-	-	-	-	-
LLC "S-Green Line"	-	-	-	-	-	-
GRAND LICHT LLC	178,0	391,6	2 200,0	-	-	-
ZELYONIY KORM LLC	-	-	-	700,0	2 114,0	3 020,0
DEN Joint Venture Limited Liability Partnership	-	-	-	700,0	1 737,2	2 481,7
JV LLC "VINOGRAD TRADE"	-	-	-	550,0	1 753,5	3 188,2
Diana Trade LLP	-	-	-	-	-	-

The volume of wheat exhibited in 2019 amounted to 1,011.8 thousand tons, of which 929.4 thousand tons were sold for the amount of 1,757 million soums.

The volume of wheat exhibited in 2020 amounted to 417.7 thousand tons, of which 409 thousand tons were sold for the amount of 1,111 million soums.

The decrease in the volume of wheat display in 2020 is associated with the global pandemic, as the decision of the Anti-Crisis Commission, wheat was temporarily sold under direct contracts.

In order to ensure uninterrupted supply of wheat through exchange trading, the exposition of private factories was increased, so in 2019 - 1.9 thousand tons, of which 646 tons were sold, when, as in 2020, 22.4 thousand tons were exhibited and 20 thousand tons were sold....

Mainly influenced by the attraction of clusters to exchange trading as wheat suppliers, namely, FE INDORAMA AGRO LLC exposed 6.2 thousand tons, sold 5.6 thousand tons and Yakkatut Gallachilik va Urugchilik Klasteri LLC 11.1 thousand tons, sold 10.9 thousand tons.

Also, foreign partners were attracted to the exchange platform. As a result, through exchange trading under direct import contracts, 3,850 tons of wheat worth 10.3 billion soums produced in Kazakhstan were sold by the seller of JV «DEN» LLP.

Since October 2020, the sale of wheat of the enterprises of JSC «Uzdonmahsulot» at the exchange trading has resumed.

The buyers at the exchange trading are legal entities poultry farms, factories producing alcohol and other organizations.

In accordance with the instruction of the Antimonopoly Committee of the Republic of Uzbekistan, a limit is currently set on the maximum amount of wheat purchased by one buyer, for poultry farms - 70 tons in one trading session, for distilleries without a limit and other organizations - 10 tons per one trading session.

Information on wheat sales by regions is presented in the table.

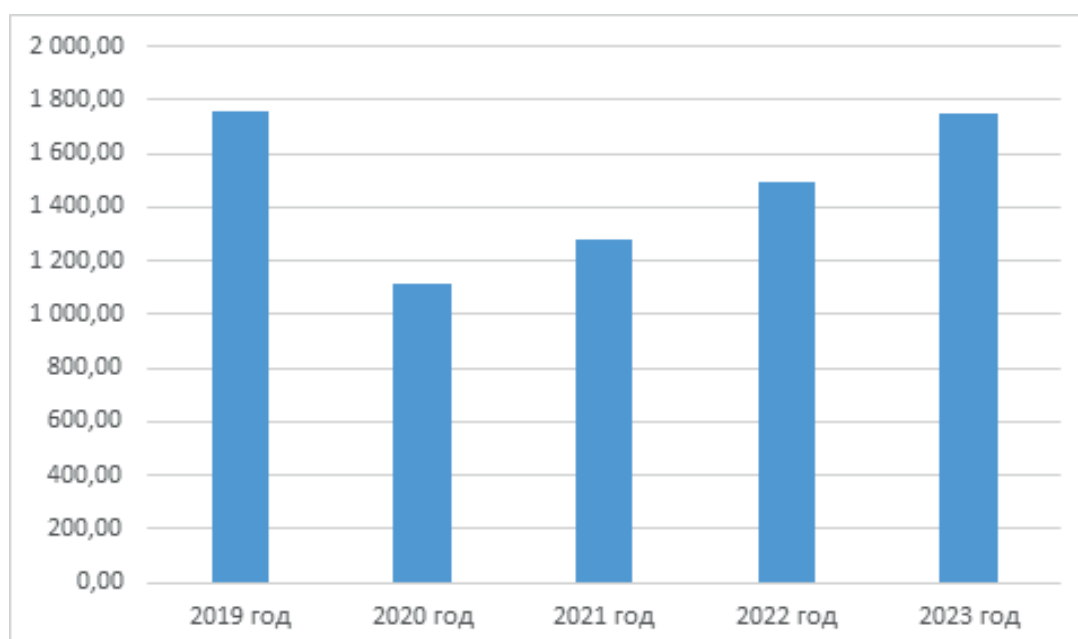
Buyer area	2019 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	929 399,0	1 757 488,0	1 891,0
Tashkent city	201 476,0	396 075,5	1 965,9
Tashkent region	132 670,0	255 162,2	1 923,3
Samarkand region	132 602,5	245 714,4	1 853,0
Fergana region	108 043,0	213 043,0	1 971,8
Kashkadarya region	76 124,0	124 856,8	1 640,2
Bukhara region	70 268,0	137 503,8	1 956,8
Andijan region	51 895,0	99 128,8	1 910,2
Surkhandarya region	45 172,0	87 151,8	1 929,3
Namangan region	39 650,0	70 730,1	1 783,9
Jizzakh region	30 672,5	53 016,7	1 728,5
Syrdarya region	24 204,0	46 858,2	1 936,0
Navoi region	9 013,0	15 056,9	1 670,6
Khorezm region	6 315,0	11 030,4	1 746,7
Republic of Karakalpakstan	1 294,0	2 159,3	1 668,7

In 2020, the distribution of wheat consumption changed and the main consumption area became Fergana and Samarkand regions.

Buyer area	2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	409 482,4	1 111 857,0	2 715,3
Fergana region	74 459,6	212 311,6	2 851,4
Samarkand region	69 102,1	179 212,6	2 593,4
Tashkent region	54 213,0	148 804,4	2 744,8
Tashkent city	45 708,0	125 750,9	2 751,2
Andijan region	40 266,6	115 365,2	2 865,0
Bukhara region	31 179,7	84 516,7	2 710,6
Kashkadarya region	23 250,9	60 577,0	2 605,4
Namangan region	22 186,5	57 788,2	2 604,7
Jizzakh region	18 043,7	45 743,6	2 535,2
Surkhandarya region	16 734,5	43 953,6	2 626,5
Syrdarya region	6 440,0	16 457,7	2 555,5
Navoi region	3 783,8	10 103,3	2 670,1
Khorezm region	3 289,0	9 143,5	2 780,0
Republic of Karakalpakstan	825,0	2 128,8	2 580,3

The forecast of wheat sales through exchange trading in 2021 is expected to amount to 1 275.9 billion soums, which is 15% more than last year, in 2022 - 2023, sales through exchange trading are expected to amount to 1 492.7 billion soums (17%) and 1,746.5 billion soums (17%), respectively.

Forecast of wheat turnover at exchange auctions JSC «UzEX» for 2021-2023 (Billion sum)



3.1.2. Main suppliers flour enterprises that are part of the JSC «Uzdonmahsulot» act on the exchange trading (45 enterprises).

Name of the seller	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	444 632,4	1 020 806,9	2 295,8	507 927,8	1 227 058,9	2 415,8
"ANDIJONDONMAHSULOT" AJ	14 253,0	33 316,7	2 337,5	16 543,9	40 901,6	2 472,3
"Qamashi Don Qabul Qilish" MChJ	4 133,0	9 559,5	2 313,0	5 091,1	12 496,6	2 454,6
"QORAKO'LDONMAHSULOT-LARI" aksiyadorlik jamiyati	18 479,2	43 351,5	2 346,0	22 026,0	52 634,6	2 389,7
"SHOVOT DON MAHSULOT-LARI" AL	4 455,1	10 405,0	2 335,5	5 594,9	13 689,2	2 446,7
"XORAZMDONMAXSULOTLARI"	4 887,7	10 674,4	2 183,9	4 488,4	10 269,6	2 288,0
"Kashkadaryodonmahsulotlari" OAZH	4 429,7	10 325,8	2 331,0	4 933,7	12 082,0	2 448,9
"KURGONTEPA DON MAKHSULOTLARI" AZH	12 189,6	28 001,5	2 297,2	15 276,4	37 201,9	2 435,3
"Sariosiyo Don" MChJ	165,2	390,9	2 366,2	12,0	26,8	2 232,8
"Surkhondaryodonmahsulotlari" AZ	12 781,7	30 459,2	2 383,0	17 399,1	41 630,8	2 392,7
Asaka Don Mahsulotlari AJ	15 286,8	34 375,1	2 248,7	16 965,1	41 239,8	2 430,9
DUNYO-M AJ	21 291,4	48 159,1	2 261,9	24 238,0	57 304,1	2 364,2
Farg'onadonmahsulotlari AJ	14 977,6	34 257,8	2 287,3	13 898,7	34 946,0	2 514,3
Qonirat Un Zavodi AJ	2 288,5	5 363,5	2 343,7	2 597,6	6 048,6	2 328,5
TOSHKENTDONMAHSULOT-LARI AJ	24 371,5	52 732,4	2 163,7	29 553,9	68 268,4	2 310,0
A / O Bogdoddonmahsulotlari	13 006,0	29 213,6	2 246,2	13 139,4	32 959,8	2 508,5
AL OHANGARON DON	29 318,3	62 603,7	2 135,3	31 779,4	74 138,7	2 332,9
JSC "Karakalpakdanimleri"	9 473,3	23 912,4	2 524,2	8 979,5	23 710,7	2 640,5
JSC "Namangandonmahsulot"	2 234,5	4 330,2	1 937,9	7 173,5	17 855,9	2 489,2
Galla-alteg JSC	23 877,4	53 342,6	2 234,0	26 893,8	63 281,3	2 353,0
JSC Zhuma Elivator	347,2	709,7	2 044,2	4 930,0	12 034,1	2 441,0
Ok oltin DON Makhsulotlari JSC	6 597,0	15 359,2	2 328,2	8 599,7	20 603,0	2 395,8
JSC Khavast-Don	4 467,2	10 785,6	2 414,4	5 239,8	12 666,6	2 417,4
OISC Takhiatash dan	10 774,4	26 100,2	2 422,4	11 365,5	26 964,2	2 372,5
Bogot-Don AZ	5 381,1	13 824,3	2 569,0	6 883,1	17 199,0	2 498,7
Bukh. Don Mahsulot	571,8	1 099,9	1 923,6	-	-	-
Don Hulk Rizki OAJ	6 035,2	13 949,7	2 311,4	7 516,0	17 684,3	2 352,9
Dustlik Don Makhsulotlari	11 863,2	28 929,9	2 438,6	17 287,4	41 409,7	2 395,4
Jizzakhdonmahsulotlari OAJ	4 365,1	9 008,8	2 063,8	2 715,1	6 369,4	2 345,9

Name of the seller	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Kiziltepa Un backwater	3 656,2	8 677,0	2 373,2	4 396,6	10 513,8	2 391,3
Kogondonmahsulotlari AZ	4 872,8	11 789,2	2 419,4	5 398,1	12 885,4	2 387,0
Koson DMKK MCI	4 768,3	10 505,5	2 203,2	5 654,7	13 499,6	2 387,3
Kuva DON Mahsulotlari	7 195,5	15 781,6	2 193,3	7 449,0	17 971,8	2 412,6
Kukon Don Makhsulot	19 708,2	43 027,7	2 183,2	20 674,1	49 926,1	2 414,9
Navoi DON	13 108,1	33 061,2	2 522,2	16 568,2	40 853,0	2 465,7
LLC "S-Green Line"	137,8	269,5	1 955,4	-	-	-
Turtkul don LLC	1 284,2	2 948,6	2 296,0	4 247,8	11 080,0	2 608,4
OTKhZh Zhomboy Don	13 648,2	30 594,6	2 241,7	20 081,3	47 850,1	2 382,8
Pop don makhsulot otkhzh	6 684,5	16 009,8	2 395,1	6 610,5	16 304,4	2 466,4
Samarkand Don	11 200,4	22 703,2	2 027,0	10 546,6	25 161,8	2 385,8
Suh don MCHJ	934,6	2 085,0	2 230,9	1 091,9	2 460,8	2 253,7
Uchkurgon don makhsulotlari AZ	21 730,4	51 957,8	2 391,0	21 559,6	52 781,5	2 448,2
H / F "Oktosh don"	21 251,7	48 588,2	2 286,3	16 631,5	41 096,8	2 471,0
Honka don mahsulotlari AZ	9 291,8	22 560,1	2 428,0	11 041,1	26 490,9	2 399,3
Shurchi Don Makhsulotlari Korkhonasi	21 698,4	53 150,2	2 449,5	23 871,6	60 323,4	2 527,0
SHYMBAY DAN LLC	1 159,6	2 555,5	2 203,8	984,2	2 243,0	2 279,1

The volume of exhibiting flour in 2019 amounted to 449.6 thousand tons, and in 2020 the volume of exhibiting was 512.8 thousand tons (an increase of 14%).

Sales in the period for 2019 out of the exposed volume amounted to 444.6 thousand tons of flour for a total amount of 1,020.8 billion soums, and in 2020, 507.9 thousand tons worth 1,227 billion soums were sold (an increase of 20 %).

In accordance with the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated October 14, 2019 No. 866 «On measures to fully implement market mechanisms in the delivery system of grain, flour and bread», flour from processed wheat purchased as part of public procurement was sold at open exchange trading by making 100% prepayment to all consumers without any restrictions.

In total, from October 15, 2019 to April 16, 2020, 854 thousand tons of flour products were put up for exchange trading, of which 846.3 thousand tons were sold on average for 2,418.8 thousand soums.

In total, more than 14.6 thousand buyers took part in the exchange trading in flour products, of which 13.7 thousand or 94% bought the product freely. As a result of the sale of flour products by enterprises-producers through the exchange, additional income was obtained in the amount of more than 191.7 billion soums.

Of those who bought flour at these auctions, 71% were business entities that were direct suppliers to the population, 13% were molded bread producers and 16% were confectioners and other manufacturers.

At the same time, taking into account the current situation in the context of the corona-

virus pandemic, in order to ensure food security and price stability in the domestic market, in particular, systematic and guaranteed supplies of flour products to all consumers of the republic, in accordance with the protocol of the anti-crisis commission dated April 16, 2020 No. 01-03 / 1-638, a temporary procedure was established for the systematic supply of flour and flour products under direct contracts without holding exchange trading until an appropriate decision is made.

According to the Temporary Order, direct deliveries of flour and flour products to the local population are carried out according to an eight-step mechanism, covering the activities of responsible employees of the Ministry of Economic Development and Poverty Reduction, Uzdonmahsulot JSC, the Council of Ministers of the Republic of Karakalpakstan, khokimiyats of regions, districts and the city of Tashkent, the Central Bank, state tax inspections, departments of internal affairs, gatherings of citizens of makhallas and other law enforcement agencies.

3.1.3. Corn barley widely used for food, technical and feed purposes, including in the brewing industry, in the production of pearl barley and barley. Barley is one of the most valuable concentrated animal feed, as it contains complete protein, rich in starch.

The main suppliers of barley at the exchange trading are the enterprises that are part of Uzdonmahsulot JSC (41 organizations) and account for 100% of the exposition in 2019 and 98% in 2020.

The volume of exposition of barley in 2019 amounted to 24.3 thousand tons, and in 2020 the volume of exposition amounted to 72.5 thousand tons.

Sales in 2019 of the exposed volume amounted to 9.9 thousand tons of barley for a total of 15.2 billion soums, and in 2020 60.9 thousand tons were sold for 116.3 billion soums, which is 7 times more than the previous year.

Currently, the main consumers of barley are biological laboratories at JSC «Agrokimehi-moya», which purchase products in accordance with the instructions of the Cabinet of Ministers of the Republic of Uzbekistan.

Also, in accordance with the Decree of the President of the Republic of Uzbekistan dated November 14, 2017 No. PP-3386, when allocating volumes, barley is sold freely for all categories of buyers.

The forecast for the sale of barley through exchange trading in 2021 is expected to be 137.3 billion soums, which is 18% more than last year, in 2022 - 2023 it is expected to sell through exchange trading for 162 billion soums (18%) and 191.1 billion.sum (18%), respectively.

3.1.4. Production and sales compound feed 46 flour-grinding enterprises that are part of the JSC «Uzdonmahsulot» are on the exchange trades. Compound feeds are widely used in livestock and poultry farming. In 2020, the bulk of compound feed was purchased from farms (19%), livestock (61%), poultry (16%) and other (4%) farms.

In 2019, 450.3 thousand tons of mixed microorganisms were put up for exchange trading, of which 259.7 thousand tons (58%) were sold on average **1,094** thousand soums per tonne (0.9% growth to the starting price). The total amount of sales amounted to 284.2 billion soums.

Incomplete implementation compound feed on the exchange trading in 2019 was associated with the established restrictions on the category of consumers and the volume of possible purchases by one buyer in one trading session.

For reference: In accordance with the regulation «On the procedure for the sale of compound feed at exchange auctions» (registration of the Ministry of Justice of the Republic of

Uzbekistan No. 3033 dated July 3, 2018), legal entities and individual entrepreneurs engaged in animal husbandry could participate in exchange auctions from the 1st to the 20th day of each month, poultry farming, fish farming, as well as wholesale organizations with retail stores.

At the same time, to participate in the exchange trading from the 1st to the 20th, documents were required to confirm the buyer's belonging to a certain category. (a document confirming the existence of an activity - animal husbandry, poultry farming, fish farming (a certificate from statistics, a certificate from the makhalla committee, the presence of live-stock, a patent with a corresponding type of activity, etc., a license for wholesale trade and a collection agreement and / or a certificate from the State Tax Inspectorate on the availability of cash apparatus).

From the 21st to the end of each month - legal entities of all forms of ownership and individual entrepreneurs (documents were not required).

In addition, in accordance with the right granted by Uzdonmahsulot JSC, a volume limit was set for the purchase during one trading session by one buyer in the amount of 7 tons.

With the adoption of the President's Resolution No.PP-4484 dated October 8, 2019, the compound feed was included in the list of products that must be sold through exchange trading for all of economic entities, regardless of the form of ownership, with ensuring equal access to exchange trading for all categories of buyers, positively affected the sale of products and the receipt of additional profit for sellers.

In 2020, 786.6 thousand tons of compound feed were exhibited, of which 743.3 thousand tons (94%) were sold on average at 1 327.8 thousand soums per ton, or 21% higher compared to 2019.

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	259 683,4	284 276,6	1 094,7	743 330,3	987 018,7	1 327,8
АЖ ОНANGARON DON	19 983,3	22 673,0	1 134,6	47 697,0	66 678,8	1 398,0
TOSHKENTDONMAHSULOTLARI AJ	19 328,0	22 651,0	1 171,9	47 617,0	67 896,3	1 425,9
DUNYO-M AJ	11 961,0	14 592,6	1 220,0	40 785,0	58 816,5	1 442,1
АО Галла-алтег	29 321,0	33 993,2	1 159,3	34 696,0	55 109,7	1 588,4
Х/Ж «Октош дон»	6 877,0	7 605,7	1 106,0	31 706,0	42 839,4	1 351,1
Навои ДОН	7 506,0	8 598,4	1 145,5	30 855,0	38 588,1	1 250,6
Кукон Дон махсулот	7 220,0	6 953,4	963,1	28 023,0	35 702,3	1 274,0
Шурчи Дон махсулотлари корхонаси	16 919,0	19 556,5	1 155,9	27 274,0	38 949,4	1 428,1
Дустлик Дон махсулотлари	2 829,0	3 059,9	1 081,6	25 463,0	31 025,2	1 218,4
Учкургон дон махсулотлари АЖ	8 083,0	7 851,2	971,3	25 281,0	29 704,3	1 175,0
ОТХЖ Жомбой Дон	4 522,0	5 005,8	1 107,0	22 068,0	28 425,1	1 288,1
Asaka Don Mahsulotlari AJ	4 606,0	5 061,4	1 098,9	21 722,0	31 274,7	1 439,8
«ANDIJONDONMAHSULOT» AJ	8 107,0	8 954,8	1 104,6	21 504,0	32 313,9	1 502,7
АО «Намангандонмахсулот»	2 306,0	2 437,9	1 057,2	21 052,7	31 497,4	1 496,1

Наименование продавца	2019 г			2020 г		
	Реализовано (тонн)	Сумма реали- зации (млн. сум)	Средняя цена реализации (тыс.сум/тн)	Реализовано (тонн)	Сумма реали- зации (млн. сум)	Средняя цена реализации (тыс.сум/тн)
Farg'onadonmahsulotlari AJ	10 843,0	12 016,0	1 108,2	20 303,3	31 805,2	1 566,5
«Кургонтепа Дон Махсулотлари» АЖ	1 195,0	1 295,0	1 083,7	19 965,0	26 791,3	1 341,9
Самарканд Дон	6 087,0	6 391,7	1 050,1	18 916,0	24 934,9	1 318,2
АООТ Тахиаташ дан	11 695,0	9 988,1	854,0	17 855,0	18 156,4	1 016,9
Хонка дон махсулотлари АЖ	3 001,0	3 204,2	1 067,7	16 838,0	20 907,8	1 241,7
А/О Богдоддонмахсулотлари	217,0	219,5	1 011,3	15 060,0	19 072,7	1 266,4
«Сурхондарёдонмахсулотлари» АЖ	8 388,7	8 974,1	1 069,8	14 847,6	18 081,5	1 217,8
JSC Ок олтин ДОН Махсулотлари	1 901,0	2 156,7	1 134,5	13 709,0	17 666,6	1 288,7
Косон ДМКК LLC	6 043,0	7 391,1	1 223,1	13 425,0	18 505,9	1 378,5
АО «Каракалпакданонимлери»	6 138,0	5 437,4	885,9	13 282,0	14 621,7	1 100,9
Дон халк ризки ОАЖ	3 714,4	4 121,4	1 109,6	12 850,2	16 762,8	1 304,5
Бух. Дон Махсулот	1 606,0	1 491,9	928,9	11 644,0	13 920,5	1 195,5
Жиззахдонмахсулотлари ОАЖ	2 199,0	2 420,1	1 100,5	11 628,0	15 118,2	1 300,2
Богот-Дон АЖ	3 506,0	3 480,5	992,7	10 767,0	12 098,8	1 123,7
«Qamashi Don Qabul Qilish» LLC	4 334,0	5 102,0	1 177,2	9 212,0	13 563,7	1 472,4
АО Жума Эливор	1 613,0	1 803,4	1 118,1	8 928,0	12 875,9	1 442,2
Поп дон махсулот ОТХЖ	10 433,0	11 247,9	1 078,1	8 735,0	13 102,8	1 500,0
Кува ДОН махсулотлари	4 895,0	5 480,5	1 119,6	8 684,0	12 541,5	1 444,2
«SHOVOT DON MAHSULOTLARI» АЖ	1 693,0	1 662,7	982,1	8 538,0	9 989,5	1 170,0
Turtkul don LLC	1 430,0	1 290,6	902,5	8 507,0	8 163,0	959,6
Когондонмахсулотлари АЖ	5 380,0	5 794,8	1 077,1	8 199,0	9 330,4	1 138,0
АО Хаваст-Дон	416,0	461,1	1 108,5	8 163,0	8 257,1	1 011,5
«QORAKO`LDONMAHSULOTLARI» AJ	2 317,0	2 091,9	902,8	7 763,0	8 098,2	1 043,2
«Кашкадарёдонмахсулотлари» ОАЖ	1 144,0	1 326,8	1 159,8	7 185,0	9 034,7	1 257,4
«XORAZMDONMAXSULOTLARI» АЖ	1 061,0	1 065,7	1 004,4	6 744,0	7 235,8	1 072,9
Кизилтепа Ун заводи	4 975,0	5 639,9	1 133,6	6 690,0	7 540,9	1 127,2
Qonirat Un Zavodi AJ	3 401,0	3 247,0	954,7	5 708,5	5 393,5	944,8
SHYMBAY DAN LLC	312,0	262,9	842,7	1 829,0	1 923,5	1 051,6
Сух дон LLC	70,0	105,0	1 500,7	1 611,0	2 702,7	1 677,7
«Сариосиё Дон» LLC	107,0	111,7	1 044,1			0

By providing access to the market for all businesses subjects, in 2020 the volume of mixed feed sales in relation to 2019 increased by 2.8 times. The total amount of sales increased by 2.8 times and amounted to 987 billion soums. As a result, flour mills received additional income of 114 billion soums.

In 2020, in the context of regions, 89 percent compound feed purchased by buyers from five regions. So, buyers of the Fergana region account for 65.1%, the Republic of Karakalpakstan - 8.7%, Tashkent city - 6.8%, Andijan region - 4.2% and Namangan region - 3.9%.

Buyer area	2020 year			
	Implemented (tons)	Sales amount (million soums)	Average starting price (thousand soums / ton)	Average selling price (thousand soums / ton)
Total:	743 330,3	987 018,7	1 174,2	1 327,8
Republic of Karakalpakstan	19 656,0	23 284,4	1 167,6	1 184,6
Andijan region	22 988,0	28 397,6	1 091,8	1 235,3
Bukhara region	32 221,0	37 883,0	1 067,9	1 175,7
Jizzakh region	35 072,4	43 863,3	1 185,7	1 250,7
Kashkadarya region	35 754,2	51 067,1	1 267,5	1 428,3
Navoi region	42 160,0	49 026,6	1 145,1	1 162,9
Namangan region	42 826,7	43 940,8	895,0	1 026,0
Samarkand region	43 296,4	59 197,3	1 209,1	1 367,3
Surkhandarya region	53 091,0	71 560,8	1 132,1	1 347,9
Syrdarya region	69 216,2	98 494,4	1 236,0	1 423,0
Tashkent city	73 095,6	100 932,0	1 186,0	1 380,8
Tashkent region	81 469,0	108 368,2	1 150,6	1 330,2
Fergana region	89 232,3	130 278,9	1 253,1	1 460,0
Khorezm region	103 251,5	140 724,2	1 226,1	1 362,9

In accordance with the approved balance sheet, in 2021 through exchange trading, it is planned to sell 800 thousand tons of mixed feed, also taking into account the full workload of 46 flour mills in 2022 - 2023, the sales volume will remain at 800 thousand tons.

3.1.5. Sugar - a common food product. The main component of sugar is sucrose. But besides her, the product may contain various impurities. In white sugar, their content is allowed up to 0.25%, in refined sugar - up to 0.1%.

30% of the world's sugar is made from sugar beets. The remaining 70% falls on sugar cane - the leaders in the production of cane sugar are India, Mauritius, Thailand, as well as Brazil and Cuba. Beets and cane are the main raw materials for sugar production, but there are others (maple, palm, grape, etc.).

In Uzbekistan, there are two sugar cane-based enterprises (Khorazm Shakar LLC and Angren Shakar LLC) with an annual production capacity of 690 thousand tons.

In 2019, 427 thousand tons were produced, in 2018 - 68 thousand tons and in 2017 - 472 thousand tons of sugar.

In accordance with the decree of the President of the Republic of Uzbekistan dated October 8, 2019 No. PP-4484, it was established that from January 1, 2020, 90 percent of the sugar produced by domestic enterprises will be sold on the domestic market exclusively through exchange trading based on market principles.

Until 2020, sugar was sold at exchange trading in limited quantities (12.5-13.5% of the total production), while the rest of the sugar produced was sold under direct contracts through dealer networks.

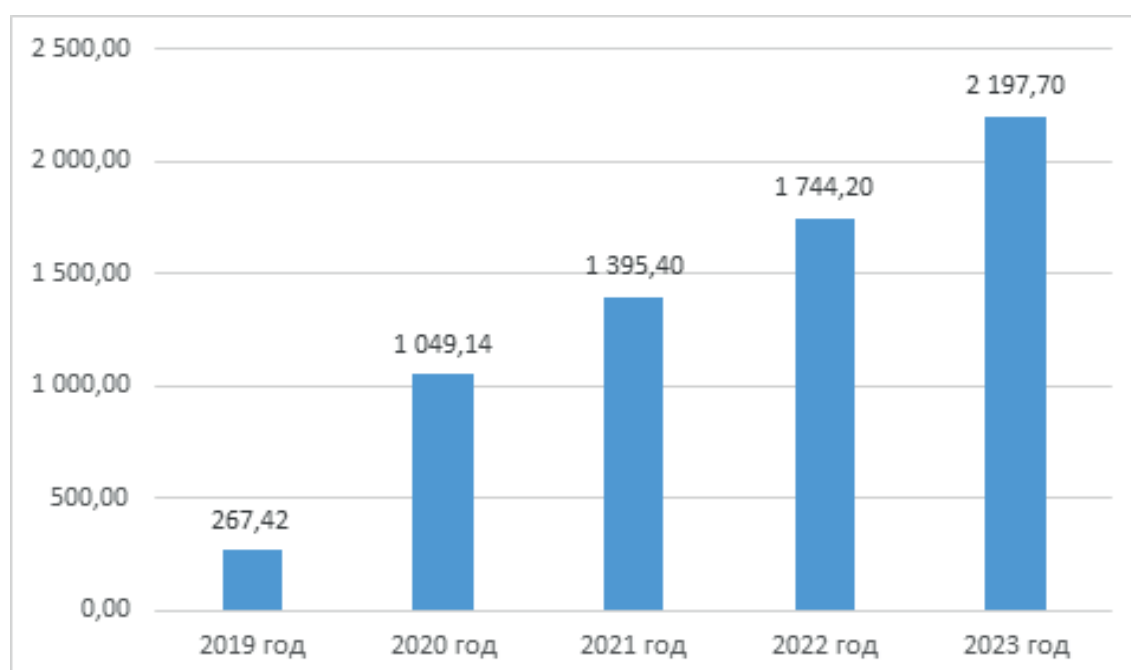
According to current data, in 2019, domestic enterprises produced a total of 427.4 thousand tons of sugar, including Khorazm Shakar JSC - 215.1 thousand tons and Angren Shakar LLC - 212.3 thousand tons.

In total, 59.8 thousand tons of local sugar were exhibited at exchange auctions in 2019, of which 56.2 thousand tons were sold (13.1% of the total volume of domestic sugar produced in the republic).

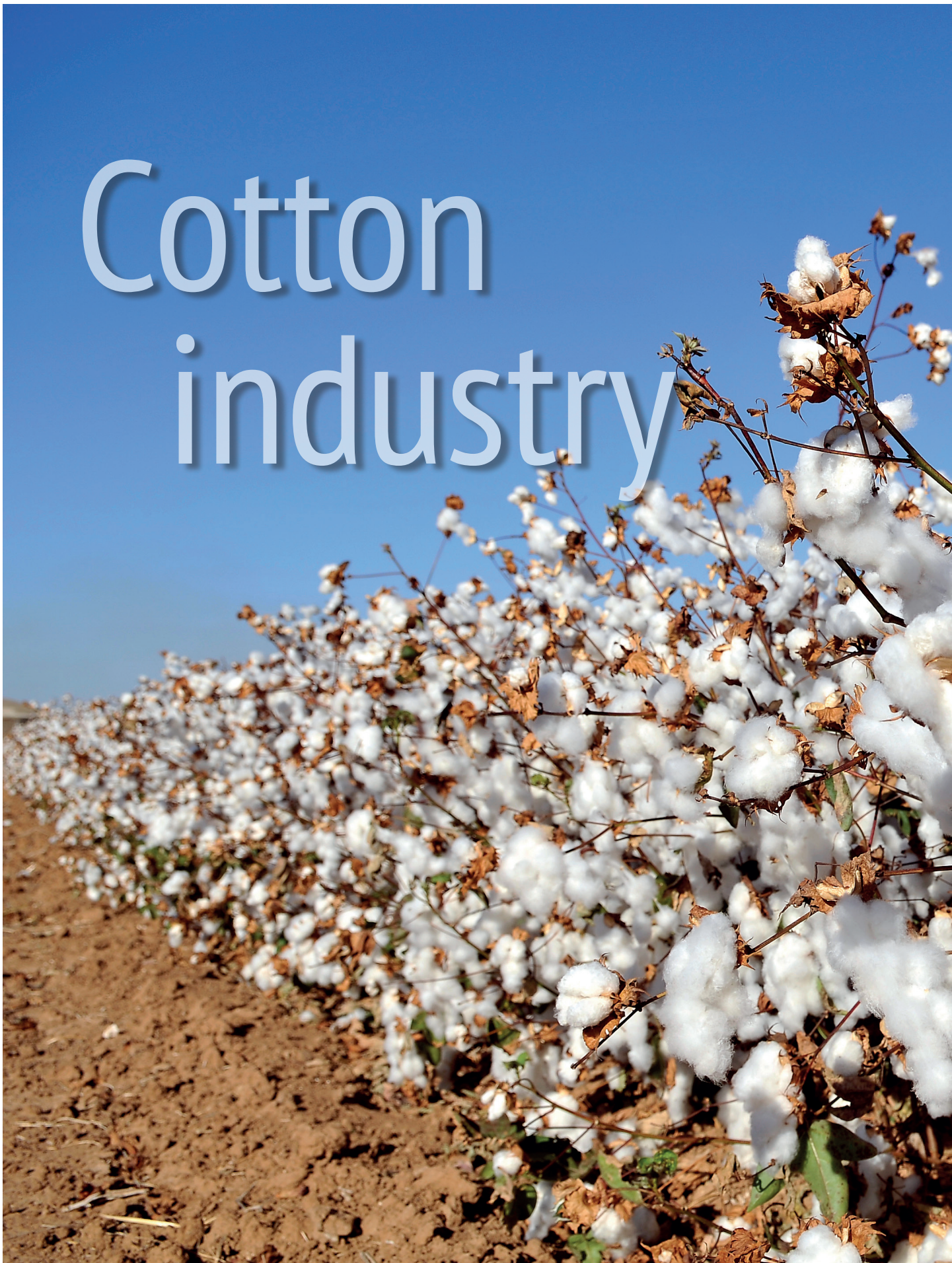
In 2020, 203.4 thousand tons of sugar were put up for exchange trading, of which 182.9 thousand tons were sold. One ton of products was sold for an average of 5 726.1 thousand soums, which is 1.7% higher than the starting price.

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Bcero:	56 188,0	267 419,1	4 759,4	182 978,0	1 049 139,8	5 733,7
ANGREN SHAKAR LLC	28 723,0	136 414,0	4 749,3	78 883,0	452 419,2	5 735,3
«Xorazm shakar» LLC	27 387,0	130 610,0	4 769,1	88 704,0	506 906,0	5 714,6
Committee for State Reserves Management under the Cabinet of Ministers of the Republic of Uzbekistan	78,0	395,1	5 065,2	15 391,0	89 814,6	5 835,5

The forecast of sugar sales through exchange trading in 2021 is expected to be 1395.4 billion soums, which is 33% more than last year, in 2022 - 2023 it is expected to sell through exchange trading for 1744.2 billion soums (25%) and 2197.7 billion soums (26%) respectively.



Cotton industry





3.1.6. Cotton fiber widely used in the textile industry.

The main suppliers of fiber at the exchange trading are Uzpakhtasanoat JSC and the organizers of cotton and textile production (clusters).

In 2019, the largest share was supplied by Uzpakhtasanoat JSC (91.6% of the total volume of exposures), so from their side 633 thousand tons were exposed, of which 425.4 thousand tons were sold for a total amount of 5741.8 billion soums ...

When, both from the side of the clusters, 57.6 thousand tons were exhibited in the same year, 37.1 thousand tons were sold for the amount of 521.6 billion soums.

In connection with the expansion of the organizers of the cotton and textile production and as a result of the creation of new clusters, in 2020 the exposition of fiber between the two categories of suppliers became equal. So Uzpakhtasanoat JSC put up 413.2 thousand tons for exchange trading, of which 154.8 thousand tons were sold for a total amount of 2173.7 billion soums. From the side of the clusters, in 2020, the exposition in the amount of 335.6 thousand tons was carried out and 240.2 thousand tons were sold for a total amount of 3547.4 billion soums.

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	462 558,0	6 263 492,4	13 541,0	395 122,0	5 721 450,9	14 480,2
«O`zpakhtasanoat» AJK	425 449,0	5 741 863,5	13 496,0	154 830,0	2 173 740,0	14 039,5
Cluster	37 109,0	521 628,9	14 056,7	240 292,0	3 547 710,9	14 764,2
«JIZZAX KENTEKS» MCHJ	-	-	-	694,0	9 889,5	14 250,0
«BCT CLUSTER AGROKOMPLEKS» MCHJ	1 000,0	11 691,0	11 691,0	595,0	8 044,0	13 519,3
«BO`STON CLUSTER» MCHJ	-	-	-	2 905,0	44 319,2	15 256,2
«BOXODIR LOG`ON TEXTILE» MCHJ QK	-	-	-	6 977,0	95 726,5	13 720,3
«Boyovut Techno Cluster» MCHJ	653,0	9 762,4	14 950,0	7 245,0	104 289,1	14 394,6
«BUXORO ZARHAL TEKS» MCHJ	-	-	-	2 204,0	33 167,3	15 048,7
«HAZORASP TEXTIL» MCHJ	-	-	-	1 241,0	21 387,5	17 234,1
«Jizzax Industrial To`Qima» MCHJ	676,0	9 936,9	14 699,6	1 320,0	19 164,1	14 518,3
«KAPITAL SAVDO LUXE» MCHJ	-	-	-	-	-	-
«Kattakurgan Cluster» MCHJ	-	-	-	8 078,0	120 460,2	14 912,1
«KHIVA CLUSTER» MCHJ	-	-	-	2 600,0	39 866,8	15 333,4
«KOBOTEX» masuliyati cheklangan jamiyati	1 991,0	28 576,6	14 352,9	1 000,0	15 605,0	15 605,0
«LT TEXTILE SIRDARYO» OOO	-	-	-	3 042,0	45 961,4	15 108,9
«PAYARIQ-KLASTER» MCHJ	-	-	-	1 000,0	15 600,0	15 600,0
«POLY TEX SIRDARYO» MCHJ	2 588,0	36 302,7	14 027,3	5 140,0	78 180,7	15 210,3
«SAMARQAND KAMALAK INVEST TEKSTIL» MCHJ	-	-	-	-	-	-
«Shashmohkashob-Tekstil» MCHJ	-	-	-	2 635,0	39 808,6	15 107,6
«SILVER FIBER AGRO KOOPERASIYASI» MCHJ	-	-	-	1 977,0	31 528,0	15 947,4
«SOHIB OMAD BARAKASI» MCHJ	-	-	-	-	-	-

«SULTON TEX GROUP» XK	830,0	12 000,7	14 458,6	1 978,0	29 140,6	14 732,4
«Termez Jayxun Cluster» MCHJ	2 098,0	27 693,6	13 200,0	4 001,0	56 879,0	14 216,2
«VODIY SANOAT FAXRI» MCHJ	-	-	-	2 582,0	37 355,2	14 467,6
«XOJAOBOD-FAYZ-M» MCHJ	-	-	-	1 325,0	19 531,8	14 740,9
«ZIYOVUDDIN TEXTILE» MCHJ	1 618,0	23 987,6	14 825,5	4 962,0	72 411,1	14 593,1
“Qoraqalpogiston” qishloq xo'jaligi IChK	-	-	-	-	-	-
«Angor Surxon G Ururi» MCHJ	-	-	-	1 760,0	26 344,5	14 968,4
ABC OQOQ'RG'ON AGRO CLASSTER MCHJ	-	-	-	14 470,0	202 511,3	13 995,3
ART SOFT HOLDING MCHJ	5 606,0	74 212,6	13 238,1	19 275,0	275 736,4	14 305,4
BERUNIY CLUSTER MCHJ	287,0	3 929,5	13 691,5	2 275,0	34 812,5	15 302,2
BUXORO AGROKLASTER MCHJ	-	-	-	8 759,0	132 534,6	15 131,3
DANGARA TOLA TEKSTIL KOOPERATSIYASI	-	-	-	2 370,0	34 102,1	14 389,1
DENOV TEKSTIL KLASSTER Mchj.	-	-	-	1 418,0	21 455,1	15 130,5
G uzor Tekstil Impeks MCHJ	650,0	9 638,6	14 828,6	-	-	-
HAMZA EXPO ART TEKSTIL XK	-	-	-	2 153,0	31 349,4	14 560,8
LITAI TEXTILE OVERSEAS MCHJ Xorijiy Korxona	-	-	-	1 944,0	30 110,0	15 488,7
Marhamatteksil MCHJ KK	356,0	5 174,9	14 536,2	869,0	12 630,7	14 534,7
«Global textile solutions» MCHJ	-	-	-	488,0	6 433,1	13 182,5
«FERGANA-OSEANA» MCHJ	-	-	-	4 867,0	70 161,2	14 415,7
MCHJ «MAXIM GOLD TEX»	-	-	-	2 468,0	33 495,9	13 572,1
MCHJ AMUDARYOTEX HK	-	-	-	1 000,0	15 500,0	15 500,0
MCHJ Q/K EXPO KOLLOR PRIN TEKS	91,0	1 319,2	14 497,2	1 873,0	26 300,2	14 041,8
MCHJ shaklidagi «FERGHANA SPINNING» QK	2 274,0	31 959,3	14 054,2	1 725,0	24 441,3	14 168,9
MCHJ shaklidagi «Toshbuloq-TEKS» QK	-	-	-	2 432,0	36 143,2	14 861,5
Mirzaobod Universal Trade Cluster MCHJ	-	-	-	394,0	6 028,5	15 300,9
MT AMIR TEX MCHJ QK	-	-	-	4 200,0	63 679,2	15 161,7
Qamashi Yaxshi Niyat Paxtachilik Kooperatsiyasi MCHJ	-	-	-	-	-	-
REAL-TRANS-LOGISTIC UK	-	-	-	4 254,0	60 845,6	14 303,1
RUSO`ZBEKTEKS MCHJ хори- жий корхона	1 537,0	21 964,3	14 290,4	2 396,0	34 644,5	14 459,3
SANGZOR-TEKSTIL M.Ch.J.	-	-	-	-	-	-
Saxovat teks MCHJ QK	624,0	8 453,3	13 547,0	1 243,0	18 384,3	14 790,2
Sayyora Favvorasi XK	-	-	-	934,0	13 169,4	14 100,0
Surxondaryo Agroxizmat MCHJ	1 356,0	20 383,0	15 031,7	1 486,0	23 165,1	15 588,9
Xorazm Tex LLC	1 003,0	14 317,5	14 274,7	1 655,0	25 790,8	15 583,5
ИП ООО TEXTILE TECHNOLOGIES GROUP	-	-	-	-	-	-
LLC «BULUT TEXTILE»	1 433,0	20 599,8	14 375,3	2 884,0	41 505,8	14 391,7
LLC «NAVBAHOR TEKSTIL»	-	-	-	5 282,0	83 894,5	15 883,1
LLC шаклидаги SHOYOT TEKSTIL KK	-	-	-	1 245,0	17 255,7	13 860,0

LLC «AL'YORTEKS»	1 215,0	17 219,9	14 172,7	5 420,0	79 928,2	14 746,9
LLC «PAXTACHI KLASTER»	-	-	-	389,0	5 835,0	15 000,0
LLC «Real Tex Tashkent»	-	-	-	717,0	10 613,1	14 802,0
LLC «WBM ROMITEX»	1 190,0	18 015,0	15 138,7	20 705,0	324 823,8	15 688,2
LLC «MAROQAND SIFAT»	1 371,0	20 654,3	15 065,1	5 414,0	80 080,2	14 791,3
LLC CHIROQCHI-KLASTER	-	-	-	3 803,0	65 852,6	17 316,0
LLC Guliston Sayqali Hamkor	-	-	-	1 080,0	16 593,2	15 364,1
LLC GURLAN-BARAKA TEKS	-	-	-	774,0	11 885,4	15 355,7
LLC KHANTEX-GROUP	4 590,0	63 596,5	13 855,4	1 388,0	18 826,4	13 563,7
LLC KOREA SAMARKAND	-	-	-	3 604,0	51 596,4	14 316,4
LLC Samarqand Cotton Cluster	-	-	-	-	-	-
LLC SEMRUG` CLUSTER	-	-	-	70,0	980,0	14 000,0
LLC SILVERLEAF BMB AGRO TRADE GROUP	2 072,0	30 239,9	14 594,5	7 437,0	108 019,9	14 524,7
LLC TCT AGRO CLUSTER	-	-	-	8 515,0	112 063,1	13 160,7
LLC WBM QO`SHKO`PIR CLUSTER	-	-	-	3 910,0	65 945,4	16 865,8
LLC YANGI ARIQ TEX	-	-	-	294,0	4 582,5	15 586,7
LLC YUQORICHIRCHIQ KIMYO TA`MINOTCHI	-	-	-	-	-	-
LLC «Фейхан Текс»	-	-	-	1 600,0	23 395,1	14 621,9
LLC «URGENCH CLUSTER»	-	-	-	239,0	3 690,7	15 442,3
ПК Beshariqlik Paxtakorlar Kooperatsiyasi	-	-	-	3 861,0	54 313,8	14 067,3
ПК PISKENT BARAKA ISHONCH	-	-	-	1 497,0	22 169,7	14 809,4
ПК SAXOVAT 2020 KOOPERATSIYASI	-	-	-	2 494,0	37 514,7	15 042,0
ПК YUQORI CHIRCHIQ OQOLTIN TOLASI	-	-	-	2 403,0	36 416,4	15 154,6
JV LLC «TEXTILE FINANCE KHOREZM»	-	-	-	2 079,0	29 136,5	14 014,7
JV LLC Amin Invest International	-	-	-	1 686,0	23 312,1	13 826,9
UP «APK BUKA»	-	-	-	150,0	2 250,0	15 000,0
UP «APK CHINOZ»	-	-	-	543,0	8 145,0	15 000,0
UP «APK OQOLTIN»	-	-	-	600,0	9 001,5	15 002,6
UP APK BEKABOD	-	-	-	-	-	-

In addition, in order to abolish state regulation of prices for the purchase of raw cotton and the widespread introduction of market principles in the cotton industry, the liquidation of the organization Uzpakhtasanoat JSC (PP - No. 4633 dated 06.03.2020) is planned. As of today, the territorial organizations of «Uzpakhtasanoat» have about 35 thousand tons of cotton residue in total, and the organization will not buy the 2020 harvest.

The part of the daily cotton supplied by Uzpakhtasanoat JSC, which remains without sale, is mainly resold on a daily basis. This is due to the fact that these varieties are considered to be relatively low in quality, and the demand for them is low. Therefore, there is practically no increase in prices for these goods. The main demanded cotton grades are grade 1 with medium fiber, 4 types - "good" and "high" grade. The share of these varieties in the total volume of products sold is 60.8% (147.3 thousand tons of products of this brand).

Buyer area	2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	395 122,0	5 721 450,9	14 480,2
Republic of Karakalpakstan	112 773,0	1 644 055,5	14 578,4
Andijan region	80 860,0	1 160 593,6	14 353,1
Bukhara region	34 755,0	509 735,4	14 666,5
Jizzakh region	32 948,0	478 560,4	14 524,7
Kashkadarya region	30 159,0	427 606,5	14 178,4
Navoi region	28 666,0	405 045,9	14 129,8
Namangan region	22 689,0	333 688,2	14 707,0
Samarkand region	20 295,0	306 813,2	15 117,7
Surkhandarya region	8 055,0	116 429,7	14 454,3
Syrdarya region	6 113,0	87 148,6	14 256,3
Tashkent city	5 368,0	75 138,2	13 997,4
Tashkent region	4 596,0	63 259,1	13 764,0
Fergana region	4 268,0	60 034,0	14 066,1
Khorezm region	3 577,0	53 342,5	14 912,6

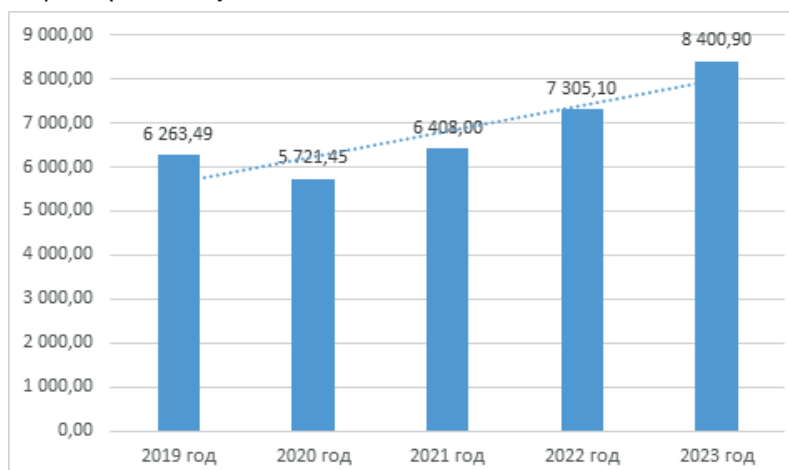
It should be noted that when selling products, the main factor is their starting price (as well as the region and brand of cotton in which it is grown). The initial bidding price is determined by the seller based on the futures quotation for the next delivery month of the New York Mercantile Exchange (PP-5989 dated 05/05/2020).

Daily quoted prices set by buyers on the New York Mercantile Exchange (futures. tradingcharts.com) are regularly monitored and on days when prices decline, buying increases significantly.

However, some clusters do not use this norm. They set starting prices lower than the prices set by Uzpakhtasanoat JSC.

In general, the initial growth in prices at auction reaches 9% (a large increase is observed in highly liquid grades of fiber). Due to the increase in prices, sellers received additional income in the amount of 11.6 billion soums (JSC «Uzpakhtasanoat» - 11.5 billion soums, clusters - 148.2 million soums).

The forecast for the sale of cotton fiber through exchange trading in 2021 is expected to be 6 408 billion soums, an increase of 12% compared to last year, in 2022 - 2023 it is expected to sell through exchange trading for 7 305.1 billion soums (14%) and 8 400 , 9 billion soums (15%), respectively.



3.1.7. Cotton lint It is used as a raw material for the production of cotton wool, batting, padding and absorbent materials, artificial fibers, films, varnishes, explosives and other products.

In 2019, 82.9 thousand tons of lint were put up for exchange trading, of which 59.3 thousand tons (72%) were sold on average **2 898.4 thousand** soums per ton (12% increase to the starting price). Including JSC «Uzpakhtasanoat» exhibited 52.5 thousand tons, of which 40.8 thousand tons (78%) were sold for a total amount of 117.7 billion soums. The market share was 69%. From the side of the clusters, 30.4 thousand tons were exposed and 18.5 thousand tons (61%) were sold for the amount of 54.5 billion soums. The market share was 31%.

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	59 456,0	172 327,5	2 898,4	58 348,0	182 735,1	3 131,8
«O'zpakhtasanoat» AJK	40 872,0	117 772,4	2 881,5	17 291,0	51 164,9	2 959,1
Cluster	18 584,0	54 555,1	2 935,6	41 057,0	131 570,1	3 204,6
МЧЖ шаклидаги «Baht-Textile» кушма корхонаси	1 731,0	4 568,0	2 638,9	2 351,0	7 285,8	3 099,0
Buxoro Agroklaster МЧЖ	3 939,0	9 379,3	2 381,1	3 492,0	9 156,9	2 622,2
ООО «Wbm Romitex»	-	-	-	2 082,0	6 116,8	2 938,0
Art Soft Holding МЧЖ	-	-	-	1 982,0	5 703,8	2 877,8
ООО «Maroqand Sifat»	519,0	1 607,6	3 097,4	1 082,0	3 557,6	3 288,0
МЧЖ Шаклидаги «Toshbuloq-Teks» QK	-	-	-	651,0	2 280,9	3 503,8
Ин ООО Indorama Agro	100,0	320,0	3 200,0	1 991,0	6 288,7	3 158,6
«Парвоз Хумо Равнак Транс» МЧЖ	150,0	510,0	3 400,0	1 187,0	3 340,6	2 814,3
Ин ООО «Textile Finance Namangan»	1 040,0	3 182,2	3 059,8	1 146,0	3 658,6	3 192,5
«Kattakurgan Cluster» МЧЖ	341,0	1 228,7	3 603,1	651,0	2 357,0	3 620,6
Sangzor-Tekstil M.ch.j.	565,0	2 030,5	3 593,8	477,0	1 762,1	3 694,1
Xorazm Tex МЧЖ	488,0	1 519,1	3 112,8	497,0	1 507,4	3 033,0
«Bct Cluster Agrokompleks» МЧЖ	200,0	470,0	2 350,0	794,0	2 235,4	2 815,4
«Vodiy Sanoat Faxri» МЧЖ	-	-	-	756,0	2 351,2	3 110,0
Beruniy Cluster МЧЖ	325,0	988,6	3 042,0	800,0	2 552,9	3 191,2
МЧЖ Sh. Digital Prime Textiles Xk	1 302,0	3 872,6	2 974,4	1 187,0	3 597,8	3 031,0
«Boyovut Techno Cluster» МЧЖ	210,0	736,4	3 506,7	984,0	3 466,6	3 522,9
ООО «Real Tex Tashkent»	128,0	412,4	3 221,5	438,0	1 402,3	3 201,7
МЧЖ Шаклидаги Uchkurgan Textile QK	263,0	879,7	3 344,9	612,0	1 917,8	3 133,6
Сп ООО «Textile Finance Khorezm»	848,0	2 478,7	2 923,0	794,0	2 611,9	3 289,6
«Uztex Uchkurgan» Qoshma Korxonasi МЧЖ	-	-	-	669,0	2 091,5	3 126,3
МЧЖ Шаклидаги Shovot Tekstil Kk	143,0	458,3	3 204,8	707,0	2 312,9	3 271,5
ООО «Мепрантекс»	-	-	-	900,0	2 673,9	2 971,0
«Global Textile Solutions» МЧЖ	-	-	-	962,0	3 286,9	3 416,7
«Bunyodkor» МЧЖ	115,0	365,7	3 180,0	547,0	2 044,3	3 737,4
ООО Wbm Qo`shko`Pir Cluster	-	-	-	250,0	825,0	3 300,1

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
MChJ «Maxim Gold Tex»	112,0	341,6	3 050,0	681,0	2 175,2	3 194,1
«Qoraqalpogiston» Qishloq Xo'jaligi Ichk	-	-	-	617,0	1 887,4	3 059,0
«Kobotex» MChJ	359,0	1 119,6	3 118,7	409,0	1 235,0	3 019,7
«Sulton Tex Group» Xususiy Korxona	350,0	1 295,0	3 700,0	383,0	1 400,8	3 657,4
«Surxon Sifat Tekstil» MChJ	-	-	-	325,0	1 030,9	3 172,1
MChJ Amudaryotex Hk	-	-	-	-	-	-
«Oq Saroy Klaster» MChJ	-	-	-	682,0	2 568,6	3 766,3
OOO Khantex-Group	792,0	2 429,3	3 067,3	627,0	2 064,6	3 292,9
Ooo «Namangan To'Qimachi Cluster»	-	-	-	496,0	1 790,4	3 609,7
«Ziyovuddin Textile» MChJ	164,0	567,6	3 460,9	405,0	1 426,5	3 522,3
Namangan Toqimachi MChJ	-	-	-	420,0	1 362,2	3 243,3
MChJ Q/K Expo Kollor Prin Tekst	127,0	503,2	3 962,3	146,0	535,7	3 669,5
OOO «Al'Yorteks»	-	-	-	468,0	1 470,2	3 141,5
«Silver Fiber Agro Kooperatsiyasi» MChJ	-	-	-	375,0	1 437,3	3 832,7
OOO Silverleaf Agro Trade Group	172,0	591,7	3 440,1	434,0	1 448,0	3 336,5
«Shashmohkashob-Tekstil» MChJ	-	-	-	400,0	1 457,7	3 644,4
Litai Textile Overseas MChJ Xorijiy Korxona	-	-	-	400,0	1 525,0	3 812,5
OOO Chiroqchi-Klaster	-	-	-	343,0	1 286,3	3 750,0
Great Cotton Export MCHK	72,0	223,2	3 100,0	300,0	972,0	3 240,2
OOO Korea Samarkand	-	-	-	334,0	1 072,8	3 212,0
OOO Maroqand Sifat Tekstil	-	-	-	200,0	760,0	3 800,0
Denov Tekstil Klaster MChJ.	138,0	453,3	3 284,8	256,0	895,1	3 496,7
«Oq Saroy Textile» MCHK	350,0	1 193,7	3 410,5	342,0	1 238,8	3 622,2
Surxondaryo Agroxizmat MChJ	277,0	838,0	3 025,1	315,0	1 127,9	3 580,6
MCHK «Navbahor Tekstil»	456,0	1 192,0	2 614,0	161,0	593,3	3 685,1
OOO Agro To'rtko'l Tekstil Cluster	-	-	-	108,0	325,5	3 014,3
Пк Piskent Baraka Ishonch	-	-	-	337,0	1 176,0	3 489,7
Пк Yuqori Chirchiq Oqoltin Tolasi	-	-	-	264,0	973,4	3 687,2
OOO Samarqand Cotton Cluster	-	-	-	257,0	798,1	3 105,3
Пк Beshariqlik Paxtakorlar Kooperatsiyasi	-	-	-	240,0	853,0	3 554,4
«Fergana-Oseana» Qoshma Korxonasi MCHK	25,0	83,0	3 320,0	205,0	673,0	3 282,9
OOO Gurlan-Baraka Tekst	-	-	-	-	-	-
Ruso'zbekteks MCHK Хоржий Корхона	513,0	1 437,5	2 802,2	220,0	731,9	3 326,6
Пк Saxovat 2020 Kooperatsiyasi	-	-	-	140,0	531,0	3 793,1
Ин OOO Textile Technologies Group	127,0	447,5	3 523,9	214,0	733,7	3 428,3
OOO«Urgench Cluster»	-	-	-	10,0	31,0	3 101,0
OOO Сп «Paxtakor Tekst»	-	-	-	197,0	741,6	3 764,5
«Khiva Cluster» MChJ	-	-	-	93,0	285,9	3 074,2
OOO Tct Agro Cluster	-	-	-	171,0	648,1	3 789,8

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
«Lt Textile Sirdaryo» OOO	-	-	-	206,0	777,3	3 773,5
«Hazorasp Textil» MCHJ	-	-	-	200,0	700,8	3 504,0
OOO Yangi Ariq Tex	-	-	-	-	-	-
«Buxoro Zarhal Tekst» MCHJ	-	-	-	164,0	537,8	3 279,5
G Uzor Tekstil Impeks MCHJ	659,0	2 271,4	3 446,7	-	-	-
OOO Guliston Sayqali Hamkor	-	-	-	100,0	365,3	3 653,0
MChJ Shaklidagi «Ferghana Spinning» Qk	-	-	-	138,0	538,9	3 905,1
Hamza Expo Art Tekstil Xk	-	-	-	100,0	332,8	3 328,1
Ooo Agro Baht	-	-	-	-	-	-
Qamashi Yaxshi Niyat Paxtachilik Kooperatsiyasi MChJ	-	-	-	91,0	342,1	3 759,0
«Samarqand Kamalak Invest Tekstil» MCHJ	100,0	353,6	3 535,6	40,0	140,1	3 503,0
Marhamatteksil MCHJ Kk	24,0	78,2	3 256,4	54,0	184,2	3 411,9
OOO Koson Baxt Tekstil	-	-	-	-	-	-
«Daesang Industries» MCHJ Xk	-	-	-	-	-	-
Китоб Ип Йигирув Аж	-	-	-	-	-	-
«Boxodir Log`On Textile» MCHJ Qk	-	-	-	-	-	-
«Bo`ston Cluster» MCHJ	25,0	77,6	3 105,0	-	-	-
«Sherobod Textile Invest» MCHJ	-	-	-	-	-	-
«Termez Jayxun Cluster» MCHJ	196,0	686,0	3 500,0	-	-	-
«Vodiy Hamkor Savdo Lyuks» MCHJ	-	-	-	-	-	-
Baht Navoiy MCHJ	394,0	998,3	2 533,8	-	-	-
Buhoro Urugchilik MCHJ	122,0	351,2	2 878,6	-	-	-
Chinoz Textile OOO	261,0	785,4	3 009,1	-	-	-
Hayotbek Tekstil MCHJ	65,0	174,2	2 680,7	-	-	-
Mingyuan Silu Industry MCHJ	-	-	-	-	-	-
Saffir Qurilish Montaj OOO	-	-	-	-	-	-
Sayyora Favvorasi XK	202,0	725,3	3 590,8	-	-	-
Махлиё ХСИЧФ	-	-	-	-	-	-
MCHJ «BULUT TEXTILE»	95,0	330,1	3 474,8	-	-	-
СП OOO UZTEX GROUP	-	-	-	-	-	-

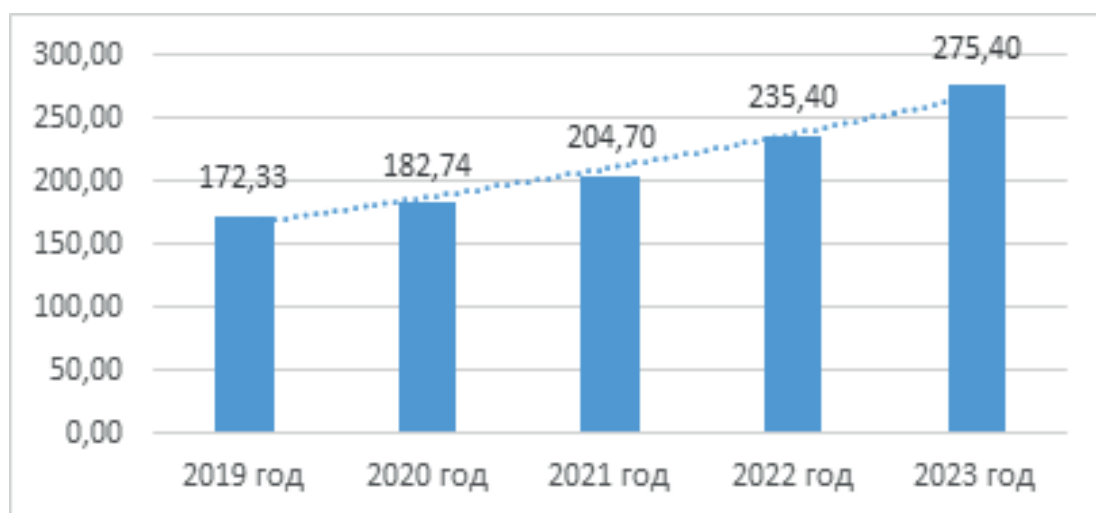
In connection with the creation of new clusters and the expansion of the production of existing cotton-textile clusters in 2020, the volume of cotton linters being put up for exchange trading on their sides noticeably increased. So, for this period 95.6 thousand tons of lint were put up for exchange trading, of which 58.3 thousand tons (61%) were sold at an average of 3,131.84 thousand soums per ton (an increase of 3% to the starting price). Including JSC «Uzpakhtasanoat» exhibited 26.9 thousand tons, of which 17.3 thousand tons (64%) were sold for a total of 51.1 billion soums. The market share dropped to 30%. From the side of the clusters, 68.7 thousand tons were exposed and 41 thousand tons (64%) were sold for the amount of 131.5 billion soums. The market share has grown to 70%.

Buyer area	2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	58 348,0	182 735,1	3 131,8
Tashkent region	23 142,0	74 936,8	3 238,1
Fergana region	15 485,0	46 071,8	2 975,3
Andijan region	5 521,0	15 316,7	2 774,3
Tashkent city	3 528,0	12 520,0	3 548,7
Kashkadarya region	3 221,0	10 915,9	3 389,0
Namangan region	2 172,0	6 744,8	3 105,4
Bukhara region	1 872,0	4 993,9	2 667,7
Syrdarya region	1 325,0	4 501,6	3 397,4
Surkhandarya region	580,0	1 839,7	3 171,9
Samarkand region	491,0	1 637,4	3 334,7
Khorezm region	350,0	1 042,8	2 979,5
Jizzakh region	311,0	1 112,6	3 577,6
Republic of Karakalpakstan	241,0	756,6	3 139,6
Navoi region	109,0	344,5	3 160,4

Incomplete implementation of lint at exchange trading is primarily associated with the quality of the products displayed and the region of the seller. More than 35% of the lint sold by sellers is of low grade and has a relatively high starting price.

For example: the cluster of Ferghana Spinning JV LLC exposes products at a price of 3,905.1 thousand soums per ton, Maroqand Sifat Tekstil LLC - 3,800.0 thousand soums, FE Litai Textile Overseas LLC - 3,812.5 thousand soums, Silver Fiber Agro Kooperatsiyasi LLC - 3,832.7 thousand soums per ton.

The forecast for the sale of cotton lint through exchange trading in 2021 is expected at the level of 204.7 billion soums, an increase of 12% compared to last year, in 2022-2023 it is expected to sell through exchange trading for 235.4 billion soums (15%) and 275, 4 billion soums (17%), respectively.



3.1.8. Cotton seeds are the end product of the technological process of the primary processing of cotton in the cotton processing industry.

Cotton seeds, depending on the industrial varieties of raw cotton, are divided into four varieties: I - obtained from the processing of raw cotton of the first grade; II - obtained from the processing of raw cotton of the second grade; III - obtained from the processing of raw cotton of the third grade; IV - obtained from the processing of raw cotton of the fourth grade.

Industrial cotton seeds are the raw material for the production of vegetable oil. First of all, cottonseed oil is produced from them, which has a number of very useful properties and is widely used by the population.

The industrial production of vegetable oil is carried out in creameries, for which the cotton factories are the first-order supplier. Therefore, the quality of this product is influenced by the technological indicators of the properties of the seeds.

The main suppliers of cotton seeds at the exchange trading are Uzpakhtasanoat JSC and the organizers of cotton and textile production (clusters).

In 2019, the largest share was supplied by Uzpakhtasanoat JSC (73.3% of the total volume of exposures), so from their side 674.7 thousand tons were exposed, of which 606.3 thousand tons were sold for a total amount of 1,037.4 billion. sum.

When, as from the side of clusters in the same year, 244.7 thousand tons were exhibited, 199 thousand tons were sold in the amount of 454.7 billion soums.

In connection with the expansion of the organizers of cotton and textile production and as a result of the creation of new clusters, as well as taking into account the liquidation of the organization Uzpakhtasanoat JSC, the main share of exposing cotton seeds in 2020 was carried out by clusters (82.8% of the total amount of exposition in 2020).

Thus, Uzpakhtasanoat JSC put 155.7 thousand tons on exchange in 2020, of which 144.4 thousand tons were sold for a total amount of 314.9 billion soums. On the part of the clusters, in 2020, the exposition in the amount of 753.6 thousand tons was carried out and 574.7 thousand tons were sold for a total amount of 1601.5 billion soums.

To date, more than 233 enterprises throughout the country take part in the exchange auctions for the purchase of technical fertilizers.

Technical seeds at the exchange in accordance with the decree of the President of the Republic of Uzbekistan dated January 17, 2018 No. PP-3479 are sold to local enterprises, regardless of ownership, having an appropriate hygienic conclusion and certificates of conformity for finished products processed in the full technological cycle of cotton seeds (crushing workshop, hydrothermal treatment, pressing, extraction, refining, deodorization and packaging). At the same time, in order to obtain a hygienic conclusion and certificates of conformity for the production of finished cottonseed oil, technical cotton seeds are sold to domestic enterprises, regardless of the form of ownership, on the basis of the act of the khokim of the district or city on commissioning in the amount of up to 5 tons.

More than 147 enterprises participating on a permanent basis were involved in the exchange auctions for the purchase of cotton seeds (of which 33 organizations within the Uzegmoisanoat Association, as well as 153 entrepreneurs who did not have a certificate of conformity and hygiene, participated in a one-time trade when purchasing up to 5 tons of seeds

The bulk of the seeds was purchased by producers whose secondary products (oil, meal, husk) obtained from seed processing are mandatory for resale through the exchange (170-220 kg per ton of oil, 380-400 kg of sesame, 300 kg of husk and others products).

The forecast for the sale of technical cotton seeds through exchange trading in 2021 is expected to be 2507.1 billion soums, an increase of 30.8% compared to last year, in 2022 - 2023, sales through exchange trading are expected to amount to 3285.1 billion soums (31%) and 4303.4 billion soums (31%), respectively.

3.1.9. Cottonseed oil - vegetable oil, obtained by pressing from the seeds of various types of cotton.

In the Republic of Uzbekistan, almost all cotton oils used on its territory are produced by local enterprises.

More than 100,000 tons of cottonseed oil per year are exhibited at the exchange trading of JSC «UzEX».

The main sellers in the exchange trading are enterprises that are part of the association «zoʻmoisanoat» such as JSC «Kukon yog-moy» (20,012 tons per year), JSC «URGANCH YOG-MOY» (7460.7 tons), JSC «Uchqoʻrgʻon Yog» (4387.3 tons), etc.

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	92 363,4	822 882,8	8 909,2	84 970,0	905 162,7	10 670,0
Кукон ёғ-мой АЖ	7 819,0	68 220,1	8 724,9	20 012,1	222 953,6	11 218,2
URGANCH YOG-MOY АЖ	10 343,5	95 052,9	9 189,6	7 460,7	83 183,9	11 149,6
Uchqoʻrgʻon Yog` AJ	4 187,7	36 805,5	8 788,9	4 387,3	45 171,1	10 295,9
Turon-Xojeli AJ	3 197,0	30 428,7	9 517,9	4 183,0	45 810,8	10 951,7
«Kogon Yog` - Ekstraksiya Zavodi» AJ	8 620,8	74 400,0	8 630,3	3 783,7	37 225,2	9 838,4
FARGʻONAYOGʻ MOY AJ	4 944,0	45 601,1	9 223,5	3 400,0	36 852,0	10 838,8
ИП ЭФФЕКТИВ ОИЛ	1 539,0	13 428,7	8 725,6	2 819,0	29 825,4	10 580,1
«VANGʻ OZI AGRO-EKSPORT» МЧЖ	2 819,4	24 927,0	8 841,1	2 774,0	26 995,1	9 731,5
Евроснар МЧЖ	4 175,1	35 974,7	8 616,4	2 611,9	26 856,2	10 282,3
BUXORO AGROKLAster МЧЖ	478,0	4 118,6	8 616,2	2 485,5	20 485,6	8 242,1
KASBI YOG - EKSTRAKSIYA MCHJ	844,1	7 866,3	9 319,4	2 331,0	24 352,2	10 447,3
ООО «EAST OIL»	1 602,0	14 459,8	9 026,1	2 303,0	24 843,0	10 787,2
ANDIJONYOGʻ MOY AJ	3 409,0	30 775,5	9 027,7	2 167,6	24 421,6	11 266,5
SHIMBAY MAY INVEST C/K	166,0	1 591,7	9 588,3	1 860,0	19 944,3	10 722,7
ИП АО YANGIYOL YOG-MOY	3 451,0	31 107,6	9 014,1	1 849,0	19 254,7	10 413,6
«Yog`gar» AJ	2 629,5	22 930,2	8 720,4	1 814,0	19 118,7	10 539,5
NAMANGAN TOLA-TEKSTIL МЧЖ	3 602,4	31 680,5	8 794,3	1 810,3	21 914,5	12 105,5
«Асакаёғ» АЖ	3 367,8	30 403,0	9 027,5	1 467,0	15 711,1	10 710,0
«QARSHI YOG`-EKSTRAKSIYA» AJ	1 507,0	13 490,0	8 951,5	1 252,0	12 693,4	10 138,5
XK Baxt-moy invest	400,0	3 279,2	8 198,0	1 196,3	11 751,8	9 823,6
«Surxonoziqovqatsanoati» AJ	737,2	6 135,1	8 322,2	1 161,1	11 103,2	9 562,7
ООО Agrohimzmat Shindong СП	1 289,0	11 536,3	8 949,8	1 060,7	11 687,5	11 018,7
MCHJ Q/K EXPO KOLLOR PRIN TEKS	-	-	-	905,0	8 969,3	9 910,9
«БУСТОН ОЛАМИ» МЧЖ шаклидаги кушма корхонаси	1 062,0	9 409,2	8 859,9	899,0	8 779,3	9 765,6
RUSO`ZBEKTEKS МЧЖ ХК	1 501,0	13 556,8	9 031,8	898,0	10 365,0	11 542,3
«GULISTON EKSTRAKT-YOGʻ» AKSIYADORLIK JAMIYATI	3 556,0	31 101,9	8 746,3	786,0	7 193,0	9 151,4

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
«НУРЛИ ДОН» МЧЖ шаклидаги кушма корхонаси	1 105,0	9 450,4	8 552,4	735,0	7 901,0	10 749,7
«КАТТАҚО'РГ'ОН YOG' -MOY» AJ	4 677,0	44 536,4	9 522,4	696,5	8 810,9	12 650,2
PAHTAKOR SIFAT YOG QMJ	281,0	2 519,1	8 965,7	589,4	4 819,9	8 178,4
«Samarkand Oil Ekstraksiya» MChJ	189,0	1 684,7	8 912,2	425,2	4 062,9	9 554,7
ПК SAKOVAT 2020 KOOPERATSIYASI				300,0	4 240,8	14 136,1
Истиклол ХК	16,0	139,4	8 709,8	284,3	2 731,2	9 606,8
AJ Косон Ёг-экстракция	1 235,0	10 959,7	8 874,2	265,0	3 580,0	13 509,3
«OZOD NURLI HAYOT» МЧЖ				261,9	2 411,4	9 207,4
«ПАРВОЗ ХУМО РАВНАК ТРАНС» МЧЖ	25,0	227,8	9 110,3	247,0	2 260,7	9 152,5
ООО «MAROQAND SIFAT»				244,7	2 661,2	10 874,6
MCHJ Siyovush Samarqand	222,7	1 757,7	7 893,7	226,0	2 472,1	10 938,6
AO TOSHKENT YOG-MOY KOMBINATI	545,0	5 418,9	9 942,9	218,0	2 330,0	10 688,1
REAL-TRANS-LOGISTIC UK	570,0	5 241,2	9 195,1	212,0	1 924,7	9 078,8
«DIAMOND TREE» MCHJ				180,1	1 441,1	8 001,6
Surxondaryo Agroxizmat MChJ	10,5	99,8	9 502,6	177,3	2 481,9	13 998,1
«OQ SAROY KLASSTER» MCHJ				165,0	2 100,9	12 732,7
BERUNIY CLUSTER МЧЖ	-	-	-	161,0	1 800,7	11 184,5
«BO'STON CLUSTER» MChJ	499,0	4 229,4	8 475,7	154,9	1 831,0	11 820,3
HAMZA EXPO ART TEKSTIL XK				140,0	1 796,8	12 834,4
"Qoraqalpogiston" qishloq xo'jaligi IChK				120,5	1 541,7	12 794,4
QQB EKSPORT MCHJ	393,9	3 321,3	8 431,8	117,4	1 183,2	10 078,6
SHAXZODA QANDOLATCHILIGI MCHJ	329,0	1 849,8	5 622,6	110,0	620,2	5 638,4
«Bunyodkor» MChJ	-	-	-	82,0	751,9	9 170,0
«Maroqand Gold Oil Ekstraksiya» MCHJ				78,0	873,3	11 196,2
«PAXTACHI RODNIK YOG' « МЧЖ	5,0	42,5	8 500,0	77,0	913,6	11 865,2
SHERBEK SHOZHAMON OK				73,0	568,8	7 791,2
ООО «B-FDA»				60,0	600,0	10 000,0
ООО Agro To`rtko`l Tekstil Cluster				59,8	758,2	12 679,4
«JONDOR OZIQ OVQAT SAVDO» МЧЖ				56,6	403,9	7 137,1
«OQ SAROY TEXTILE» МЧЖ				56,0	746,8	13 336,1
«RAVSHAN-BOSIT HAMJIHAT SERVIS» МЧЖ				50,5	442,1	8 754,7
МЧЖ «NAVBAHOR TEKSTIL»	863,0	7 192,8	8 334,6	50,0	482,4	9 648,5
ООО GOLDEN OIL BEST	486,5	3 252,2	6 684,8	49,0	338,9	6 917,3
«KOBOTEX» MCHJ	134,6	1 314,6	9 766,9	46,0	442,9	9 628,3
«AZZA BUONO» MCHJ				45,0	486,0	10 799,8
ООО «KATTAKURGAN OIL»				45,0	540,0	12 000,0
Committee for State Reserves Management under the Cabinet of Ministers of the Republic of Uzbekistan				40,0	347,7	8 692,4
ООО EKO OIL PRODUKT	146,6	1 121,6	7 650,9	39,0	308,5	7 910,8

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
«MUSTANG MASTER» MCHJ	7,0	64,7	9 240,0	39,0	376,5	9 652,9
«SAYDALI TEMURBEK TEKSTIL» MCHJ	3,0	22,5	7 500,2	31,0	205,7	6 634,1
«Sadbarg» xususiy korxonasi	-	-	-	30,0	424,8	14 161,2
МЧЖ шаклидаги «Baht-Textile» кушма корхонаси				25,0	225,6	9 022,4
LANKAVER LUX MCHJ	0,2	1,8	9 223,5	24,3	325,6	13 400,0
XURSHEDA USMONOVA SHIRINLIK LARI MCHJ	-	-	-	21,7	270,9	12 497,5
СИФАТ САВДО ГРАНТ МЧЖ				21,0	265,6	12 645,9
«BOYOVUT TECHNO CLUSTER» MCHJ	30,0	251,3	8 375,1	18,0	144,0	8 000,0
«BUXORO YOG' YEM» MCHJ				18,0	166,7	9 263,2
Karmana Moy Invest МЧЖ	106,8	937,5	8 774,1	17,1	155,5	9 117,9
«SHAXRIYOR ELYOR» oilaviy korxonasi				11,0	101,2	9 200,0
ООО «Маданият Ёғ-мой»				11,0	99,0	9 001,1
«ANUSHTEGEN IMPEX» MCHJ				10,0	87,0	8 700,0
«BEXRUZ NAMOZ MAXMUD MURODJON» MCHJ				9,0	73,8	8 200,0
MIRKAMOL-OIL SANOAT МЧЖ				9,0	77,4	8 601,6
Xorazm Tex МЧЖ	288,2	2 773,6	9 623,9	8,4	67,4	8 019,9
BO'STON FOOD COMPANY QKMCHJ				8,1	104,9	12 954,9
«MALIKABONU FAYZ OMAD DAROMAD» MCHJ				8,0	84,1	10 511,0
«KOSON DAVR PLAST» MCHJ				7,0	99,0	14 143,6
RIZQU-TOJIR МЧЖ	4,0	34,6	8 645,0	6,1	63,5	10 435,2
ООО СП «PET AGRO OIL»	-	-	-	5,7	78,7	13 800,9
ООО AZIYA OIL INTEGRAL				5,0	61,2	12 240,0
«STARIY MELNIK AND» xorijiy sarmoya ishtirokidagi МЧЖ				4,0	40,0	10 000,0
ФХ ROVUSTON-OBOD				3,6	41,8	11 624,3
«TOSHKENT BARAKA SERVIS» МЧЖ				1,9	24,8	13 036,8
«ABDURAHMON ASQAROVICH» MCHJ				1,0	12,0	12 007,9
T.O.-Моҳидил хусусий фирмаси				1,0	14,5	14 500,0
ООО JAHON KERAMIKA INVEST	0,8	7,4	8 913,2			
Forever Service MCHJ	-	-	-	-	-	-
«SHEROBOD TEXTILE INVEST» MCHJ	394,0	3 379,2	8 576,7			
ООО ECOLAB	-	-	-			
ИП ООО «Textile Finance Namangan»	2 081,0	18 746,2	9 008,3			
«ILYOSHO'JA SADRIDDINOV» MCHJ	15,0	52,5	3 500,0			
ООО Континент-Н-ёғ-мой	52,0	446,0	8 576,7			
СП ООО «Textile Finance Khorezm»	384,0	3 390,0	8 828,2			
ABC Oqqo'rg'on Agro Classter MCHJ	16,0	136,0	8 500,1			

The main buyers in the exchange trading are retailers. In 2020, across regions, 69 percent of cottonseed oil is purchased by buyers from five regions. So, buyers of the Fergana region account for 31%, Andijan region - 14.8%, Kashkadarya region - 8.4%, the Republic of Karakalpakstan - 8.3%, and Bukhara region - 6.6%.

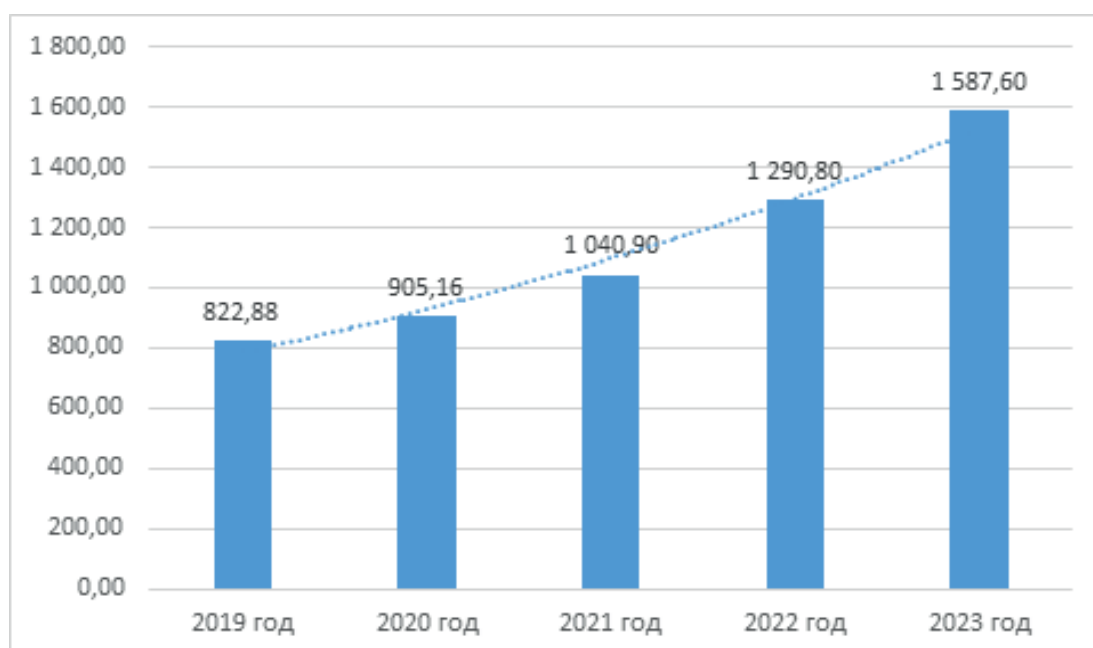
In the period for 2019, the sale of cottonseed oil was observed for a total amount of 822.9 billion soums (an average of 8,280.2 thousand soums per ton), and in 2020 sales amounted to 905.2 billion soums (an average of 10 313.2 thousand soums per ton), which is 10% higher than the previous year.

It should be noted that, since the main raw material in the production of cottonseed oil is technical cotton seeds, the volume of sales of cottonseed oil at exchange auctions depends on the annual cotton harvest in the country. At present, technical seeds are purchased at exchange auctions for local enterprises that have a full technological cycle of their processing and have a hygienic conclusion and certificates of conformity. Private business accounts for a significant share of buyers of technical seeds. Some of the entrepreneurs sell the produced Oil under direct contracts. As a result, the listing of cottonseed oil on the exchange trading floor is reduced. This, in turn, leads to an increase in the cost of goods in trade. In particular, 92.4 thousand tons of cottonseed oil were sold in 2019, and 84.9 thousand tons in 2020.

Taking into account the above factors, for 2021 it is expected to forecast the sale of cottonseed oil for a total amount of 1,040.9 billion soums, which is 15% higher compared to 2020, in 2022 - by 1,290.8 billion soums (an increase of 24%, respectively to 2021), as well as in 2023 -1587.6 billion soums (23%).

Seller name	2019 year			2020 year		
	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)	Implemented (tons)	Sales amount (million soums)	Average selling price (thousand soums / ton)
Total:	25 316,5	184 131,2	7 273,2	26 356,7	200 176,7	7 594,9
Кукон ёг-мой АЖ	3 043,0	19 530,7	6 418,2	5 040,0	39 762,0	7 889,3
URGANCH YOG-MOY АЖ	4 572,8	34 955,5	7 644,3	4 649,0	38 717,8	8 328,2
ИП АО YANGIYOL YOG-MOY	286,3	2 247,7	7 852,3	4 315,5	31 308,0	7 254,8
«KATTAQO`RG`ON YOG`-MOY» AJ	4 720,9	35 664,3	7 554,5	3 462,2	26 656,8	7 699,4
ANDIJONYOG` MOY AJ	720,5	5 066,3	7 031,3	1 975,9	12 650,7	6 402,5
Uchqo`rg`on Yog` AJ	584,9	4 442,1	7 594,6	1 905,2	13 442,3	7 055,6
«Асакаёр» АЖ	723,0	5 304,0	7 336,2	1 072,3	6 930,9	6 463,6
Xorijiy investitsiya ishtirokidagi «KOGON YOG` - EKSTRAKSIYA ZAVODI» AJ	2 535,7	18 550,7	7 315,7	962,0	8 078,6	8 397,9
«Surxonoziqovqatsanoati» AJ	1 819,4	11 975,8	6 582,3	903,6	6 362,8	7 041,9
ALFA FARHOD МЧЖ	847,5	8 050,0	9 498,5	755,0	7 119,8	9 430,2
«GULISTON EKSTRAKT-YOG`» AKSIYADORLIK JAMIYATI	1 004,4	6 914,4	6 883,9	373,8	2 529,2	6 766,1
«БУСТОН ОЛАМИ» МЧЖ шаклидаги кушма корхонаси	1,4	10,2	7 301,4	311,4	2 273,6	7 301,1

Наименование продавца	2019 г			2020 г		
	Реализовано (тонн)	Сумма реализации (млн.сум)	Средняя цена реализации (тыс.сум/тн)	Реализовано (тонн)	Сумма реализации (млн.сум)	Средняя цена реализации (тыс.сум/тн)
«VANG`OZI AGRO-EKSPORT» МЧЖ	45,2	326,5	7 220,0	181,9	1 310,9	7 206,4
XK Rafera Plyus	94,2	509,0	5 405,4	149,9	794,3	5 300,3
«Yog`gar» AJ	704,4	5 124,6	7 275,2	122,9	911,0	7 413,1
AJ Косон Ёг-экстракция	67,9	461,8	6 798,9	107,2	765,4	7 141,7
AO TOSHKENT YOG-MOY KOMBINATI	106,3	796,9	7 500,6	34,0	272,5	8 014,0
Turon-Xojeli AJ	13,1	99,3	7 596,6	21,2	147,6	6 957,1
«FARZONA-AGRO» masuliyati cheklangan jamiyati				8,0	96,1	12 000,0
«QASHQADARYO SALQIN ICHIMLIK LARI» MCHJ				4,8	35,6	7 433,4
QQB EKSPORT MCHJ				1,1	10,9	10 081,8
ИП ЭФФЕКТИВ ОИЛ	17,0	120,3	7 076,5			
ООО Agrohimzmat Shindong СП	16,8	113,9	6 800,1	-	-	-
NAMANGAN TOLA-TEKSTIL MCHJ	1 539,8	10 352,8	6 723,5	-	-	-
ООО 151- QURILISH MONTAJ POYEZDI	-	-	-			
FARG`ONAYOG`MOY AJ	1 852,1	13 514,4	7 296,8			
FINAL GROUP X/K				-	-	-



3.1.10. In 2019, exhibiting **laundry soap** 23 enterprises were engaged in exchange trading, of which 20 are oil and fat enterprises, which are part of the Uzyomoisanoat Association. During this period, 32.16 thousand tons of laundry soap were put up for exchange trading, of which 25.3 thousand tons (78.7%) were sold at an average price of 7,273 thousand soums per ton. The total amount of sales amounted to 184.1 billion soums.

In 2019, 90% of the realized laundry soap accounted for 10 enterprises, these are KATTAQO`RG`ON YOG`-MOY JSC - 4.7 thousand tons (19%), URGANCH YOG-MOY JSC - 4.5 thousand tons (18%), KUKON YOG JSC -MY «- 3.0 thousand tons (12%), JSC» KOGON YOG`-EKSTRAKSIYA ZAVODI «- 2.5 thousand tons (10%).

In 2020, 30.03 thousand tons of laundry soap were exhibited, of which 26.3 thousand tons (87.7%) were sold at an average price of 7 594 thousand soums per ton. Compared to 2019, the average price for laundry soaps increased by 4 percent. The total amount of sales amounted to 200.1 billion soums (up 9%).

In 2020, more than 95% of the realized laundry soap 10 enterprises also accounted for the share of KUKON YOG-MOY JSC - 5.04 thousand tons (19.1%), URGANCH YOG-MOY JSC - 4.6 thousand tons (17.6%), FE JSC YANGIYOL YOG-MOY - 4.3 thousand tons (16.3%), JSC KATTAQO`RG`ON YOG`-MOY - 3.4 thousand tons (13.1%).

In 2020, in the context of regions 83.9% laundry soap purchased by buyers from seven regions. So, buyers of the Fergana region account for 24.2%, Jizzakh region - 14.4%, Tashkent city - 12.3%, Khorezm region - 8.5%, Andijan region - 8.3%, Kashkadarya region - 8 , 1% and the Samarkand region accounts for 7.7%.

In 2021, the forecast for the sale of laundry soap in the amount of 217.4 billion soums is expected, which is 8.6% higher compared to 2020, in 2022 - in the amount of 250 billion soums (15%), as well as in 2023 - 285 billion soums (14%).

3.1.11. Meal cottonseed is a waste in the production of cottonseed oil from industrial cotton seeds. Cottonseed meal is used in agriculture as livestock feed. The main producers of oilseed meal in Uzbekistan are companies that are part of the Uzegmoisanoat Association and clusters dealing with agriculture.

In 2019, it was put up for exchange trading 371.0 thousand tons of cottonseed meal, of which 331.3 thousand tons (89.2%) were sold on average at 2,089.4 thousand soums per ton. The total amount of sales of cottonseed meal is 692.2 billion soums.

In 2020, 275.3 thousand tons of meal were exhibited, of which 250.5 thousand tons (91%) were sold on average at 2,586 thousand soums per ton. Compared to 2019, the sales volume decreased by 24.4%. Compared to 2019, the average meal price increased by 23%, due to an increase in the starting price of products from manufacturers

The total amount of sales of cottonseed meal amounted to 647.9 billion soums, compared to 2019, decreased by 6.4 percent.

In 2020, in the context of regions, 63 percent cottonseed meal purchased by buyers from six regions. So, buyers of the Fergana region account for 13%, Bukhara region - 12.7%, Andijan region - 11.1%, Khorezm region - 10.4%, Namangan region - 8.5% and Samarkand region - 7.2% ...

It should be noted that due to the fact that meal and husk are obtained from cotton seeds, the volume of sales of these products at the exchange trading depends on the annual cotton harvest. On average, 170-220 kg of oil, 350-400 kg of meal and 300 kg of husk are obtained from a ton of cotton seeds. In June-September, due to a reduction in raw materials in the

warehouses of manufacturers, the supply of products will decrease, which will lead to an increase in prices. The process begins to stabilize with the onset of the cotton picking season.

Taking into account the above factors, for 2021 it is expected to forecast the sale of cottonseed meal for a total amount of 699.7 billion soums, which is 8% higher compared to 2020, in 2022 - by 804.7 billion soums (an increase of 15%, respectively, by 2021 year), as well as in 2023 - 941.5 billion soums (17%).

3.1.12. Husk cottonseed oil is a waste in the production of cottonseed oil from industrial cotton seeds. The husk of cotton seeds is used in agriculture as livestock feed. The main producers of husks in Uzbekistan are companies that are part of the Uzogmoisanoat association and agricultural clusters.

In 2019, it was put up for exchange trading 261.9 thousand tons of cotton seed husks, of which 239.8 thousand tons (91.5%) were sold on average at 1 521.4 thousand soums per ton. The total amount of sales of cotton seed husks is 364.8 billion soums.

In 2020, 214 thousand tons of husks were exposed, of which 193.2 thousand tons (90.2%) were sold at an average of 1,836 thousand soums per ton. Compared to 2019, the sales volume decreased by 19.4%. Compared to 2019, the average price for husk increased by 20%, due to an increase in the starting price for products from manufacturers

The total amount of sales of the husk of cotton seeds amounted to 354.8 billion soums, compared to 2019, decreased by 3 percent.

In 2020, in the context of regions, 59 percent cotton seed husks purchased by buyers from five regions. So, buyers in Bukhara region account for 16.6%, Khorezm region - 12.1%, Fergana region - 11.6%, Namangan region - 9.6% and Samarkand region - 9.0%.

It should be noted that due to the fact that meal and husk are obtained from cotton seeds, the volume of sales of these products at exchange auctions depends on the annual cotton harvest in the country. On average, 170-220 kg of oil, 350-400 kg of meal and 300 kg of husk are obtained from a ton of cotton seeds. In June-September, due to a reduction in raw materials in the warehouses of manufacturers, the supply of products will decrease, which will lead to an increase in prices. The process begins to stabilize with the onset of the cotton picking season.

Taking into account the above factors, the forecast for the sale of cotton seed husks for a total amount of 385.7 billion soums is expected for 2021, which is 8.7% higher compared to 2020, in 2022 - by 443.5 billion soums (an increase of 15%, respectively). by 2021), as well as in 2023 - 514.5 billion soums (16%).

Chemical industry





3.2. In the chemical industry: mineral fertilizers, polypropylene, polyethylene, soda ash

3.2.1. The main types **mineral fertilizer** are:

Nitrogen - urea, ammonium nitrate, ammonium sulfate;

Phosphoric - ammophos, superphosphate, PS-agro;

Potash - potassium chloride;

Complex fertilizers - consisting of several types.

In the Republic of Uzbekistan, almost all mineral fertilizers used on its territory are produced by local enterprises.

More than **75 types of mineral fertilizers** and chemicals are sold at the auction.

Main sellers enterprises that are part of Uzkimyosanoat JSC - MAXAM-Chirchiq JSC, Ammophos-Maxam JSC, Ferganaazot JSC, Navoiazot JSC.

Industries of use - agriculture (for crops), industrial production (resins, adhesives, detergents, woodworking) and mining (explosives).

So the main buyers at the exchange trading are the enterprises of JSC «Uzagrokimokhimoya», clusters, farms and other business entities.

High demand (70%) accounts for mineral fertilizers based on nitrogen compounds, including urea, ammonium nitrate, ammonium sulfate and others. At the same time, the share of phosphate and potash fertilizers averages about 19% and 8%, respectively.

In the period for 2019, the sale of 2,123.4 thousand tons of mineral fertilizers was observed (including 1,736.2 thousand tons of nitrogen, 305.8 thousand tons of phosphorus and 81.3 thousand tons of potash) for the total the amount of 3731.1 billion soums.

The average annual price amounted to 1,742.1 thousand soums per ton and 2.5% growth in relation to the starting price (the largest increase was observed for ammonium sulfate in July - 22.5%, the average price for this fertilizer was 1271.7 thousand soums per ton).

In 2020, 1,816.1 thousand tons of mineral fertilizers were sold (-307.3 thousand tons or 14.5% less than the previous year) in the amount of 3,914.4 billion soums, which is 5% higher than the previous year.

The average annual price amounted to 2,125.3 thousand soums per ton and 7.2% growth in relation to the starting price (the largest increase was observed for ammonium sulfate in June - 75.3%, the average price for this fertilizer was 1,914,0 thousand soums per ton).

The reason for the rise in prices in 2020 is due to a decrease in the volume of listing during seasonal times (May, June and July). A norm has been introduced in accordance with the protocol of the Cabinet of Ministers of the Republic of Uzbekistan dated May 11, 2020 No. 03 / 1-326, starting from May 10, 2020, the supply of nitrogen fertilizers necessary for the comprehensive nutrition of the raw cotton crop of 2020, without participation in

exchange trading, on on the basis of direct contracts concluded between clusters, territorial JSC “Agrokimehimoya” and chemical enterprises-producers of mineral fertilizers, on the basis of 100 percent prepayment.

At the beginning of 2020, the estimated need for agriculture in Uzbekistan in mineral fertilizers amounted to 395 thousand tons, including nitrogen - 221 thousand tons, phosphorus - 162 thousand tons, potash – 12 thousand tons. Currently, the production of phosphate and potash fertilizers provides only about 30% of the demand.

It should be noted that the Navoiyazot plant has taken measures aimed at modernizing technologies and creating a chemical complex for the production of ammonia and urea. Creation of new and modernization of existing production facilities will increase production volumes and offer mineral fertilizers to exchange trading for sale to consumers.

In addition, at present, the category of fertilizer buyers is expanding in the face of newly created clusters and cooperatives (in 2018 the share of clusters was 4%, then by 2020 it was 16% of the total volume).

Taking into account these factors, for 2021, the forecast for the sale of mineral fertilizers is expected for a total amount of 4 501.6 billion soums, which is 15% higher compared to 2020, in 2022 - by 5627 billion soums (an increase of 25%, respectively, by 2021), as well as in 2023 - 7 146.6 billion soums (27%).

3.2.2. Polypropylene in the Republic of Uzbekistan produces **JV LLC «Uz-Kor Gas Chemical»** by processing gas condensate. The company sells more than 40 grades of polypropylene at the stock exchange.

Polypropylene is used in packaging and labeling, textiles such as (carpets, fibers), stationery, various types of plastic parts and reusable containers, automotive components, disposable syringes, etc.

So the main buyers in the exchange trading are the manufacturers of carpets and plastic products.

In 2019, 111.1 thousand tons of polypropylene were exhibited, of which 82.2 thousand tons (74%) were sold on average at 12 301.4 thousand soums per ton. The total amount of sales amounted to 1 011.1 billion soums.

In 2020 116.6 thousand tons of polypropylene were put up for exchange trading, of which 98.5 thousand tons (85%) were sold on average at 11 453.9 thousand soums per ton. Compared to 2019, the sales volume increased by 20%.

Since August 2020, there has been an increase in demand for polypropylene. This is due to an increase in the number of participants, as well as a decrease in starting prices.

The best selling grades of polypropylene are “FR-170H”, “Y-130” and “J-360”. In 2019, these brands accounted for 74% of total sales, while in 2020 they accounted for 69%.

It should be noted that according to the customs committee, the volume of polypropylene exports in 2020 increased 5 times compared to 2019 and amounted to 17.3 thousand tons.

For the development of the economy, it is beneficial to export finished products, not raw

materials. In recent years, the export of finished products, such as carpets and plastic products, produced in our country, has been growing due to the high demand from foreign countries.

Taking into account the high demand for grades of polypropylene and inflation factors, for 2021 the forecast of sales is expected for a total amount of 1,293.4 billion soums, which is 14.6% higher compared to 2020, in 2022 - by 1,539.2 billion soums (growth of 19%, respectively, by 2021), as well as in 2023 - 1,908.5 billion soums (24%)

3.2.3. The manufacturer of these products is JV Uz-Kor Gas Chemical LLC (capacity - 387 thousand tons / year) and Shurtan gaz kimyo majmuasi LLC (capacity - 125 thousand tons / year). **Polyethylene** It is mainly used for the production of films (packaging, agricultural, stretch, heat-shrinkable), pipes (water, gas, non-pressure, pressure), containers (canisters, tanks, bottles), fibers, building materials, etc.

At the end of 2020, the country produced 487.1 thousand tons of polyethylene.

In 2020 120.9 thousand tons (+27 thousand tons) were put up for exchange trading, of which 106.5 thousand tons were sold (+19 thousand tons) on average at a price of 10 682.6 thousand soums per ton. The total amount of sales amounted to 1,207.1 billion soums and sales volume increased by 13%.

Export of polyethylene is the most traded commodity at exchange auctions (51% of the total export of the exchange). Despite the 2020 pandemic, the volume of polyethylene exports in exchange trading increased by 40% (60.3 thousand tons). The main export destinations are Kazakhstan (39%) and Russia (23%).

In 2020, the exchange market saw an increase in both the volume of polyethylene aging and its average-exchange prices. With this, from September 2020 to the present, the average price increase relative to the starting price remains at the level of 10-12%.

Today, polyethylene of similar grades is imported from Russia, Iran and Turkmenistan for use in production. But it is more profitable for manufacturers to buy through the exchange than to burden themselves with delivery, as well as the costs of importing imported goods.

It should be noted that according to the approved balance sheet, it is planned to sell 113.9 thousand tons of polyethylene at exchange auctions in 2021, which is 7 thousand tons less than last year. For this reason, both manufacturers are expected to carry out maintenance work for 35 days in May.

Considering the price and high demand, which remain unchanged today for 2021, a forecast of sales is expected for a total amount of 1 399.0 billion soums, which is 15.9% higher compared to 2020, in 2022 - by 1 664.8 billion soums (an increase of 19%, respectively, by 2021), as well as in 2023 - 2,064.3 billion soums (24%).

3.2.4. Soda ash used in many sectors of the economy. In particular, soda ash is widely used in agriculture as a mineral fertilizer, as well as for industrial purposes as a raw material for the production of quartz and detergents. Soda is produced in Uzbekistan by the only plant OOO Kungrad Soda Plant (Republic of Karakalpakstan).

In 2019, the listing was put up for exchange trading **146.1** thousand tons of soda ash, of

which 92 thousand tons (63%) were sold on average at 1,979.5 thousand soums per ton, almost at the level of starting prices. The total amount of sales for soda ash amounted to 182.2 billion soums.

On average, 4-5 buyers participated in the auctions daily. These are JSC «Kvarts», Clusters, as well as manufacturers of detergents.

In 2020, 142.5 thousand tons of soda ash were exposed, of which 124.1 thousand tons (87%) were sold on average at 2,066 thousand soums per ton. In relation to 2019, the volume of sales increased by 35% (on average, 7-8 buyers participated in the auction daily). In relation to 2019, the average price for soda increased by 4 percent, due to an increase in the starting price for products from OOO Kungrad Soda Plant.

The total amount of sales of soda ash amounted to 256.7 billion soums, in relation to 2019 increased by 41 percent.

In 2020, in connection with the godless conditions in the market and the increased availability of the exchange market, soda ash was put up for exchange trading by two business entities ISHONCH MIKRO KREDIT LLC and PURELIFE CHEMY TRADE PE. Thus, LLC «ISHONCH MIKRO KREDIT» exhibited 68 tons, of which 68 tons were sold, at an average price 2050 thousand sum Also, PE «PURELIFE CHEMY TRADE» was put up for auction 54 tons, of which 26 tons were sold at an average price of 2 821.6 thousand soums.

In 2020, in the context of regions, 85 percent soda ash purchased by buyers from five regions. So, buyers of the city of Tashkent account for 28.5%, Fergana region - 22.3%, Bukhara region - 13.5%, Jizzakh region - 12.2% and Syrdarya region - 8.0%.

In accordance with the approved balance sheet, in 2021 through exchange trading, it is planned to sell 160 thousand tons of soda ash, which is 10% more than last year, in 2022 - 2023, it is planned to sell 170 thousand tons and 175 thousand tons through exchange trading, respectively.





3.3. In terms of fuel and energy products: motor gasoline, diesel fuel, extraction gasoline, technical kerosene, technical oils, heating oil, petroleum solvent, petroleum paraffin, petroleum bitumen, heating oil, coal, liquefied gas

3. 3.1. Automobile gasoline , depending on the octane number, provides for different brands of gasoline.

In connection with the increase in the share of light vehicles in the total volume of the vehicle fleet, there is a noticeable tendency to reduce the demand for low-octane gasoline and increase the consumption of high-octane gasoline.

So the main brands of gasoline that are in high demand at exchange trading are AI-80 and AI-91.

In accordance with the decree of the President of the Republic of Uzbekistan dated April 4, 2020 No. PP-4664 "On priority measures to increase the financial stability of the oil and gas industry", state regulation of retail prices for motor gasoline Ai-80 has been canceled, and today these products are sold exclusively through exchange bargaining.

Gasoline AI-91 has been sold since August 15, 2019 at exchange auctions in accordance with the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan "On changes in prices and tariffs for fuel and energy resources."

As a result, prices at filling stations are freely formed in a competitive environment, that is, based on supply and demand, as well as taxes and other mandatory payments.

Thus, in exchange trading, in the period for 2019, 114.4 thousand tons were sold (of which AI 80 - 54.5 thousand tons and AI 91 - 59.9 thousand tons) of motor gasoline for a total amount of 647.8 billion soums, and in 2020 sales amounted to 687.4 thousand tons (of which AI 80 - 606.2 thousand tons and AI 91-81.2 thousand tons) in the amount of 3 410 billion soums, which is 4 times higher than the previous year.

In addition, the formation of prices in 2020 was influenced by the establishment of new intra-industry prices for oil and gas condensate sold by Uzbekneftegaz JSC and Shurtan Gas Condensate LLC with their linking to **Brent** oil quotes on world exchanges.

Fergana and Bukhara refineries are the main sellers selling motor gasoline at exchange auctions (86% of sales of the total volume of gasoline at auctions).

Buyers at exchange trading are legal entities purchasing oil products, including oil depots of Uzbekneftegaz JSC, for resale or for their own needs. The bulk of the purchase falls on the oil depots of Uzbekneftegaz JSC, so in 2019 their share was 17.7%, and in 2020 it increased by 63.1%.

Also, tank farms that purchase gasoline for resale have the right to put the purchased goods on exchange trading, in 2019, 25.5 thousand tons of gasoline were exhibited from the tank farms, of which 12.8 thousand tons were sold for a total amount of 71.2 billion soums. In 2020, the volume of exhibiting by oil depots almost tripled, exposing amounted to 73.9 thousand tons, sales of 10.3 for a total amount of 60.1 billion soums.

It should be noted that in December 2020, the Uzbekistan GTL Synthetic Liquid Fuel Plant was put into operation, in the production of the plant, by converting purified methane, fuels and lubricants are obtained, including naphtha, which is used to obtain gasoline.

Considering that the Fergana and Bukhara oil refineries operate on oil that is produced in the country, and the missing part of raw materials is imported, it is planned that the commissioning of the plant will provide an annual import substitution of oil products in the amount of up to 1.5 million tons worth more than \$ 1 billion.

Part of the imported crude oil will be used for the production of gasoline, which will lead to a decrease in the cost of gasoline and its price.

The forecast for the sale of gasoline through exchange trading in 2021 is provided for 4,160.2 billion soums, which is 22% more than last year, in 2022-2023, it is planned to sell through exchange trading for 5,491.5 billion soums (32%) and 7,523.3 billion sum (37%), respectively.

3. 3.2. The main sellers of **diesel fuel** at exchange trading are the Fergana Oil Refinery (**FNPZ**) and the Bukhara Oil Refinery (**BNPZ**). Separate dark and light oil products. Light oil products are gasoline, diesel and jet fuel. The **BNPZ** produces only light oil products (gasoline, diesel fuel, fuel oil, nefras). **FNPZ** produces light and dark oil products.

In accordance with the decree of the President of the Republic of Uzbekistan dated April 4, 2020 No. **PP-4664** "On priority measures to increase the financial stability of the oil and gas industry" for diesel fuel (including ECO brands), state **regulation of retail prices is canceled**, and sales are carried out exclusively through exchange trading ...

Also, in accordance with the above-mentioned Resolution, new intra-industry prices were established for oil and gas condensate sold by **Uzbekneftegaz JSC** and **Shurtan Gas Condensate LLC** with their reference to **Brent** oil quotes on world exchanges.

The main share of nominations in 2020 diesel fuel on the stock exchange falls on **FNPZ** and **BNPZ** is **56%** of the total. Also, a considerable amount is sold by other suppliers (resellers and enterprises working on a tolling basis) - **42%**.

The exposition of diesel fuel in 2020 **exceeded the** amount of exposition in 2019 by **2 times, 1236.7 thousand tons** against **560.9 thousand tons** in 2019.

Thus, in exchange trading, during 2019, **455.3 thousand tons** of diesel fuel were sold out of the set volume for a total of **3 853.4 billion soums**, and in 2020 sales amounted to **745.9 tons** for an amount of **5046 billion soums**, an increase amounted to **30%**.

This significantly increased the implementation of diesel fuel through **FNPZ** and **BNPZ**, so in 2019 sales were **72.4 thous. Tons** in the amount of **621.6 billion soums**, when in 2020 - **425.7 ths. Tons** in the amount of **2 788 billion soums**, which is **4 times** higher than the previous year.

Buyers at exchange trading are legal entities purchasing oil products, including oil depots of **Uzbekneftegaz JSC**, for resale or for their own needs.

At the beginning of 2020, the Bukhara Oil Refinery launched the production of environmentally friendly and high-quality Euro diesel fuel, and the corresponding contracts were opened at exchange trading for DT-EURO-L-K5, DT-EURO-L-K4 and DT-EURO-E -K3.

In addition, at the end of 2020, the **Uzbekistan GTL Plant**, a plant for the production of synthetic liquid fuel from natural gas, was commissioned.

With its commissioning, a unique high-tech production will appear in Uzbekistan, which will make it possible to move to a completely new level of deep processing of hydrocarbons.

The technological process of the GTL plant is based on three main stages that perform the

products necessary for converting purified methane into GTL, including diesel fuel, kerosene, naphtha, and liquefied gas.

The plant will produce four types of products:

kerosene (307.3 thousand tons);

diesel fuel (724.6 thousand tons) ;

naphtha (473.3 thousand tons);

liquefied gas (53.3 thousand tons).

The annual production capacity of the plant will be more than **1.5 million** tons of high-quality synthetic liquid fuel that meets international standards.

Taking into account the modernization of existing plants and the creation of new forecast of diesel fuel sales through exchange trades in 2021 is expected at **6 005.2 billion** soums, which is **19%** more than last year, in 2022 - 2023 years it provides sales through exchange trades on **8 287, 2 billion** soums (**38%**) and **11 436.3 billion** soums (**38%**), respectively.

3. 3.3. Extraction gasoline is used by the oil and fat industry for the extraction of edible fats and extraction processes, in particular for the extraction of oil from seeds.

The only manufacturer of these products on the territory of the republic is **Fergana Oil Refinery LLC** .

For the period **2019-2020 17.1 thousand** tons were put up for exchange trading (2019 - **10.6 thousand** tons, 2020 - **6.5 thousand** tons), and sold in the amount of **90.8 billion** soums (2019 - **46.8 billion** soums, 2020 - **44.0 billion** soums) of extraction gasoline.

The buyers of extraction gasoline are mainly enterprises of the fat-and-oil industry, for the process of oil extraction in the production of edible cotton seed oil, and other enterprises with production facilities for further processing according to the conclusion of the khokimiyats of districts (cities)

Thus, at the exchange trading in **2019-2020** . oil and fat industry enterprises was purchased **1 1, 5 thous.** tons extraction of gasoline (in 2019 - **6.7 thousand.** tons, in 2020 - **4.9 thousand.** tons) in the amount of **74.7 billion.** UZS (2019 - **39.1 billion** soums, 2020 - **35.6 billion** soums).

Compared to 2019, in 2020 there is a **noticeable decrease in the** sale of escorted gasoline by **2.8 billion** soums (by **6 %**). This is due to a significant decrease in the listing of extractive gasoline at exchange trading by **4.1 thousand** tons (**38 %**) as **compared** to 2019.

In 2019, the average selling price was higher by **375 thousand** soums per tonne, or **7 %** more (average starting price **5 508.1 thousand** soums, average selling price **5 883.6 thousand** soums per ton) relative to the average starting price .

Also in 2020, the average selling price of a med an home price was higher at **652 thousand.** Soums per ton, or on **10 %** higher (average starting price of **6 682.3 thous.** Soums, the average selling price of **7 332.9 thousand.** Soums per ton) ...

It should be noted a significant increase in the average selling price to the starting price in 2020.

Increase in the average selling price due to the season of gathering and processing of cotton (September-February) and reached the level of **40%** (December - the average starting price of **7 521 thous.** Soums, the average selling price of **10 563 thous.** Soums per ton). This suggests that the supply cannot meet the growth in demand caused by the season of processing cotton seeds by enterprises of the oil and fat industry.

To stabilize average sales prices, **it is necessary to increase the production of** extraction

gasoline during the cotton harvest and seed processing season.

The sharp decline in the display of extraction gasoline is determined by the reduction in production volumes due to the lack of gas condensates at the Fergana refinery, which serve as a component for the distillation of petroleum products.

It should be noted that since the beginning of this year, the Fergana refinery has been taking steps to import a sufficient amount of gas condensates to increase production and supply.

So, due to the establishment of gas condensate supplies for the transportation of extraction gasoline, in 2021 it is planned to increase the volume of issuance by **20%** (total **52.8 billion** soums), in 2022 by **15%** (**60.7 billion** soums) and in 2023 in the year by **25%** (**75.9 billion** soums) per year.

3.3.4. Technical kerosene used in specific areas of production due to a special method of production and, as a result, characteristic properties. It is the most versatile of all types of kerosene.

The initial raw material for technical kerosene is kerosene, obtained from oil by its rectification method, or, simply put, distillation.

Hydrotreated kerosene can be used as a feedstock in the production of a number of low molecular weight hydrocarbons, such as ethylene, propylene, and some aromatic hydrocarbons. This process is carried out through pyrolysis (decomposition).

The producer of technical kerosene in the republic is the Fergana oil refinery.

For the period **2019-2020 4.0 thousand tons** were put up for exchange trading (2019 - **2.9 thousand tons** , 2020 - **1.1 thousand tons**), and sold in the amount of **24.6 billion** soums (2019 - **20.2 billion** soums, 2020 - **4.4 billion** soums) technical kerosene.

The buyers of technical kerosene are mainly wholesalers, retailers and solvent manufacturers.

In **2019-2020 3.4 thousand** tons (in 2019 - **2.8 thousand** tons, in 2020 - **0.6 thousand** tons) of technical kerosene were sold in exchange auctions , in the amount of **24.6 billion** soums (in 2019 - **20.2 billion** soums, in 2020 - **4.4 billion** soums).

Compared to 2019, in 2020 there is a **noticeable decrease in the** sale of technical kerosene by **15.8 billion** soums (by **78%**). This is due to a decrease in the placement of technical kerosene for exchange trading, by **1.8 thousand tons** less. tons (by **61%**) relative to 2019.

The reasons for exhibiting a smaller volume of technical kerosene production is due to the lack of gas condensates for the distillation of oil products.

Also, in 2020 the average starting price for the technical kerosene rose by **24.8%** (**1 443.8 soums** more), which significantly reduced the return on products.

At the beginning of this year, the Fergana refinery is taking measures to import a sufficient amount of gas condensates to increase production and supply of technical kerosene, which will allow, due to higher production, to reduce the cost of production.

Considering establishing condensates supply for driving of technical kerosene, in 2021, it is planned to increase the volume exhibiting at **14%** (total of **5.0 billion** . Sum) in the year 2022 at **13%** (**5.7 billion** . Sum) and in 2023, at the **15%** (**6.5 billion** soums) per year.

3.3.5. Technical oils are produced by the Fergana refinery. On the stock exchange sells camp-

ing 7 types (industrial, turbine, motor, transformer, transmission, compressor and spindle) technical oils.

In 2019, **60.7 thousand** tons of technical oils were exhibited, of which **50.4 thousand** tons (**83%**) were sold on average at **6,553.7 thousand** soums per ton. The total amount of sales amounted to **330.6 billion** soums. The starting price increased by **5%**.

In 2020 godu on Birzhev s e bids exposed **101.1** thousand. Tonnes are realized **39.8** thousand. Tonnes (**39%**) in average for **6 871.0** thousand. Sum per ton. The starting price increased by **1%**. Compared to 2019, the sales volume decreased by **18%**.

This is due to the fact that technical oils are traded on the exchange at high starting prices. In 2019, technical oils of Fergana Oil Refinery LLC were sold through oil depots (63%). In 2020, 99% of technical oils were sold by the plant itself.

The main buyers in the exchange trading are organizations engaged in the processing of technical oils. These organizations manufacture finished products by adding various components to purchased technical oil.

Technical oils are also exported through exchange trading to more than 10 countries in Europe and Asia.

In 2019, 8,160 tons of goods were exported in the amount of USD 3.9 million, and in 2020, 7,800 tons of technical oils were sold for USD 3.2 million.

Taking into account inflation factors and constant consumer contingent in 2021 is expected to forecast the implementation of the total amount of 295,6 bln, up 8% relative to 2020, in 2022 - 339,9. Billion soums (up 15%, respectively, to 2021 a year) and in 2023 godu - 390,9. billion to wit (15%).

3.3.6. Heating oil is used for heating commercial real estate and private houses, construction sites, as fuel for small boiler houses. The main advantage of this type of fuel is its high calorific value at a relatively low price. Since the cost of heating oil is much lower than the cost of other petroleum products.

In 2019, **27.1** thousand tons of furnace fuel were put up for exchange trading, of which **23.2** thousand tons (**86%**) were sold at an average of **4 892** thousand soums per ton (an increase of **6%** to the starting price).

During this period, **27** enterprises exhibited heating fuel, of which 15 are oil depots, 1 oil production company PETROMARUZ UZBEKISTAN, as well as 11 private entrepreneurs. At the same time, JV "PETROMARUZ UZBEKISTAN" sold 14.2 thousand tons (61%), at an average price of 4 460 thousand soums per ton, oil depots sold 8.8 thousand tons (38%), at an average price of 5 855 thousand soums per ton, as well as other private enterprises - 275 tons (1%), an average of 7,031 thousand soums per ton. The total sales of heating oil amounted to **113.9** billion soums.

In 2019, **80** companies purchased heating oil. The main volume of products sold falls on the share of government agencies (for heating jobs).

In 2020, in connection with the adoption of the Presidential Decree No. PP-4664 of April 4, 2020, the structure of sellers in the furnace fuel exchange market has undergone changes. In accordance with the above decree, the right was granted to sell their products directly to manufacturers. Earlier, there was a mechanism according to which the fuel and lubricants produced at the FNPZ and BNPZ, including gasoline and diesel fuel, were sold exclusively through regional oil depots. Thus, it exhibited **39.3** thousand. Tonnes furnace fuel, of which are implemented **23.5** thousand. Tonnes (**60%**), an average of **4 505.6** thousand. Sum per ton or **8%** lower relative to the 2019 year.

At the same time, the Fergana Refinery sold - 22.4 thousand tons (64%), at a price of 4 794 thousand soums per ton, JV JIZZAKH PETROLEUM LLC - 5.2 thousand tons (22%), at a price of 4 096 thousand soums per ton, "PETROMARUZ UZBEKISTAN" - 2.2 thousand tons (9%), at a price of 3 305 thousand soums per ton, as well as oil depots and private enterprises sold - 1.1 thousand tons (4%) , on average at a price from 3 300 to 7400 thousand soums per ton.

The volume of sales in relation to 2019 remained almost unchanged and amounted to only 1%. The total amount of sales amounted to **106** billion soums, compared to 2019, decreased by **7** %.

The change in the structure of sellers also affected the structure of buyers. So, if until 2020 buyers in exchange trading were mainly large state institutions and oil depots (then resold to small consumers), then from 2020 other buyers from the regions also began to participate in the auction. In this regard, the number of participants increased to 180 buyers.

In 2020, in the context of regions, **89 percent of** heating oil was purchased by buyers from five regions. So, buyers of the Fergana region account for **65.1** %, the Republic of Karakalpakstan - **8.7** %, Tashkent city - **6.8** %, Andijan region - **4.2** % and Namangan region - **3.9** %.

In accordance with the approved balance sheet, in 2021 through exchange trading, it is planned to sell 42 thousand tons of liquefied gas, which is 8% more than last year, in 2022 - 2023, it is planned to sell 45 thousand tons and 50 thousand tons through exchange trading, respectively.

3. 3.7. In 2019 godu exhibiting **petroleum solvent** commodity trading carried oil base 8, 2 and 2 refineries private enterprises. During the reporting period, **13.7** thousand tons of oil solvent were put up for auction , of which **13.5** thousand tons (**98.5%**) were sold at an average price of **7 230** thousand soums per ton. The total amount of oil solvent sales amounted to **97.6** billion soums.

It should be noted that in 2019 more than **80** % of the sold petroleum solvent was carried out at the expense of 5 enterprises, this is the Bukhara refinery - **3.4** thousand tons (**25.7** %), the Karshi oil depot - **2.3** thousand tons (**17.3** %), Pakhata Oil Terminal - **1.9** thousand tons (**14.6** %), Marakand Oil Terminal - **1.4** thousand tons (**10.6** %), and Termez Oil Terminal - **1.4** thousand tons (**10.6** %).

In 2020, the oil solvent was put up for exchange trading by the Bukhara refinery and 6 private enterprises. During this period, **20.7** thousand tons of oil solvent were put up for auction , of which **19.8** thousand tons (**95.4%**) were sold at an average of **5 124** thousand soums per ton. Compared to 2019, the average price for petroleum solvent decreased by **28%** . It should be noted that more than **99** percent of the sold petroleum solvent is provided at the expense of the Bukhara refinery. At the same time, due to an increase in sales volumes, the total amount of sales amounted to **101.6** billion soums.

In 2020, in the context of regions, **93.4 percent of** oil solvent was purchased by buyers from 3 regions. So, buyers of the Fergana region account for **45** %, Tashkent city **32.6** % and Tashkent region **15.7** %.

Taking into account these factors, in 2021 it is expected to forecast sales of petroleum solvent in the amount of **105.7** billion . UZS, which is **4%** higher **compared** to 2020, in 2022 - by **110** billion . UZS (growth of **4%**, respectively, by 2021), as well as in 2023 - **114.3** billion . sum (**4%**).

3. 3.8. In Uzbekistan, **petroleum paraffin is** produced by the Fergana oil refinery.

Due to the fact that paraffin is a raw material for the production of finished products, in particular paraffin candles, the exhibition of these products has been suspended.

3.3.9. In 2019, the listing of **petroleum bitumen** on exchange trading was carried out by 7 tank farms, **1** oil refinery and 41 private enterprises. Thus, during the period marked on the bids were put **28.9** thousand. Tonnes of petroleum bitumen are realized **19.4** thousand. Tonnes (**67%**), an average of **4 307** thousand. Sum per ton. The total amount of oil bitumen sales amounted to **83.4** billion soums.

It should be noted that more than **50 percent of the** sold bitumen in 2019 accounted for **3** enterprises, these are PE PETROMARUZ UZBEKISTAN LLC - **4.2** thousand tons (**21.8 %**), MARMARA TRADE IMPEKS LLC - **3.0** thousand tons. tons (**15.5 %**), Fergana refinery - **1.8** thousand tons (**9.4 %**).

In 2020, the listing of petroleum bitumen for exchange trading was carried out mainly by the Fergana refinery and 61 private enterprises. During the noted period, **94.5** thousand tons of oil bitumen were put up for auction, of which **54.8** thousand tons (**58%**) were sold at an average of **4 227** thousand soums per ton. Compared to 2019, the average price for petroleum bitumen decreased by **2** percent.

In 2020, more than **64** percent of the sold petroleum bitumen fell to the share of three enterprises: Fergana Refinery - **21.9** thousand tons (**40 %**), JV JIZZAKH PETROLEUM LLC - **8.05** thousand tons (**14.6 %**) LLC VODIY NEFT TRANZIT - **5.3** thousand tons (**9.6 %**).

In 2020, in the context of regions, **84 percent of** petroleum bitumen was purchased by buyers from six regions. So, buyers of the Fergana region account for **33.5 %**, Navoi region - **12.3 %**, Tashkent region - **11.2 %**, Tashkent city - **10.9 %**, Namangan region - **9.6 %** and Jizzakh region - **6,4 %**.

Taking into account these factors, in 2021 it is expected to forecast sales of petroleum bitumen for a total amount of **243.4 billion soums**, which is **5%** in relation to 2020, and in **2022-2023** sales of products in the amount of **255.5** and **268.3 are expected. bln UZS**, respectively.

3.3.10. Heating oil is used as a boiler fuel in power generation, shipping and industry. Heating oil can be used as a domestic "heating oil".

In 2019, **26.5** thousand tons of heating oil were put up for exchange trading, of which **18.5** thousand tons were sold on average at **1,690** thousand soums per ton. The total amount of fuel oil sales amounted to **31.4** billion soums.

In 2019, 14 enterprises were putting up fuel oil for exchange trading, GISSARNEFTGAZ JV LLC - **13.7** thousand tons (**74 %**), Bukhara Refinery - **1.2** thousand tons (**16 %**) of a tank farm - **2.9** thousand tons. tons (**6 %**).

In 2020, the structure of sellers on the fuel oil exchange market underwent a change. The Bukhara Refinery has become the main seller in this market. Compared to 2019, the share of sales of this enterprise increased from 6% to 69%. Also, sales volumes from oil depots and other oil refineries, such as LLC JV "GISSARNEFTGAZ", whose share decreased from 74% to 10%, also significantly decreased.

In physical terms, the volumes of fuel oil sales in 2020 are as follows.

In total, **18.5** thousand tons of heating oil were put up for exchange trading, of which **9.9** thousand tons (54%) were sold, on average at **2,568** thousand soums per ton, or in relation to 2019, the average exchange price increased by **54 %** ... The increase in prices was due to the increase in the starting prices of sellers. At the same time, it should be noted

that the growth of the weighted average prices to the starting price is at the level of 4%.

So, the Bukhara refinery sold 6.9 thousand tons, at a price of 2,539 thousand soums per ton, JV GISSARNEFTGAZ LLC - 1 thousand tons, at a price of 2,065 thousand soums per ton, tank farms - 80 tons, at a price 4 000 thousand sum and other private enterprises - 1.3 tons, the price of 2. 200 thousand soums per ton.. The total amount of fuel oil sales amounted to **25.5 billion soums** (5.8 billion soums less than in 2019).

In 2020, in the context of fuel oil regions, buyers of 5 regions are acquired . So, the buyers of Nevoin region account for **53 %**, Fergana region - **18.1 %**, Bukhara region - **15 %**, Tashkent region - **8.3 %** , Andijan region - **4.2 %** Samarkand region **0 %**, Tashkent city **0 %** ...

In accordance with the approved balance sheet, in 2021 through exchange trading, it is planned to sell 25 thousand tons of liquefied gas, which is **35%** more than last year, in 2022 - 2023, it is planned to sell 30 thousand tons and 32 thousand tons through exchange trading, respectively.

3. 3.11. Coal , like oil and gas, is an organic matter that has been slowly decomposed by biological and geological processes. The basis for the formation of coal is plant residues.

Depending on the degree of conversion and the specific amount of carbon in coal, 4 types are distinguished: brown coals (lignites), bituminous coals, anthracites and graphites.

The main suppliers of coal in the exchange trading are Uzbekkumir JSC (55% of the total amount of exhibiting in 2020) and **JSC Shargunkumir** (38% of the total amount of exposing in 2020).

The volume of exposing coal in 2020 amounted to **177.8 thousand** tons, an increase of **33.3%** compared to the previous year, while in 2019 the volume of exposing amounted to **133.4 thousand** tons.

Sales in the period for 2019 out of the set volume amounted to **127.1 thousand** tons of coal for a total amount of **38.5 billion** soums, and in 2020 **162.1 thousand** tons were sold for **51.9 billion** soums, an increase of **34%** .

At the same time, since the beginning of 2020, **25.8 thous .** tons (of which **23.6 thousand** tons are transactions of Uzbekkumir JSC), or **16.6%** of the total volume of coal, were canceled as a result of late delivery (due to insufficient coal reserves).

Coal production is mainly carried out at the Angerensky open-pit mine, which is a coal deposit with a thickness of up to 60 meters and a depth of 130 to 150 meters.

Local brown coal is not like raw materials from other mines. An important advantage of the section is the associated raw material - kaolin. The kaolin deposit is located in front of the coal one. Thus, in addition to coal, 1 million tons of kaolin are mined per year.

At present, Uzbekkumir JSC is carrying out work on the modernization of the coal industry, including the further development of the Apartak open-pit mine. The coal mined there is superior in quality to the solid fuel from the Angrensky open-pit mine. In 2020, the volume of production at "Apartak" amounted to about **500 thousand tons** , but this year, after the necessary work, the volume of production will **double** .

As a result, the forecast for coal sales through exchange trading in 2021 is expected to be **65.6 billion** soums, an increase of **26.2% compared** to last year, in 2022 - 2023, sales through exchange trading are expected to **amount to 84.7 billion** soums (**29%**) and **114.3 billion** soums (**35%**), respectively.

3. 3.12. In 2019, seven gas processing plants and two oil refineries carried out the listing of **reduced gas** on the exchange trading. So, during the noted period, **245.5** thousand tons of

liquefied gas were put up for auction, of which **243.7** thousand tons (**99.3%**) were sold at an average of **2 787** thousand soums per ton. The total amount of sales for reduced gas left **679.4** billion soums.

It should be noted that more than **75** percent of the sold liquefied gas in 2019 accounted for 3 enterprises, these are LUKOIL Overseas Supply and Trading Ltd - **134.4 thousand tons (55.1%)**, Shurtan Geochemical Complex - **25 thousand tons (10%)**, LLC Shurtanneftgaz - **23.6 thousand tons (9.6%)**. In 2019, the share of the liquefied gas market of the Bukhara and Fergana refineries was **3.1 %**.

In 2020, the exchange market for reduced gas has undergone significant changes. First of all, the number of sellers has significantly decreased, which led to the first entry into the market of imported gas and a significant decrease in the volume of exhibiting. Thus, in 2020, three gas processing plants and two oil refineries carried out the listing of reduced gas for exchange trading. During the noted period, **135.2** thousand tons of liquefied gas were put up for auction, of which **133.4** thousand tons (**98.6%**) were sold at an average rate of **3 371** thousand soums per ton. Compared to 2019, the volume of issuance and sales decreased by **45%**, which negatively affected the level of mid-exchange prices. Compared to 2019, the average gas price increased by **21** percent.

In 2020, more than **93.5** percent of the sold liquefied gas accounted for 3 enterprises, these are LUKOIL Overseas Supply and Trading Ltd - **58.6 thousand tons (44.0%)**, O'ZBEKNEFTGAZ JSC - **47.2 thousand tons (35.4%)** "Shurtan geochemical complex" - **18.8 thousand tons (14.1%)**. In 2020, the share of the liquefied gas market of the Bukhara and Fergana oil refineries increased to **6.4 %**. The total amount of sales for reduced gas left **449.7** billion soums or decreased by **44** percent.

It should be noted that due to a temporary halt in **July - August**, the sale of reduced gas for exchange trading by the main seller LUKOIL Overseas Supply and Trading Ltd, the average exchange price increased to **7 405** thousand soums per ton.

In 2020, due to an increase in the level of prices in the domestic market, two companies put up liquefied gas imported from Kazakhstan for exchange trading. So, from the side of "Akel Oil" LLC, **575** tons were exposed, of which **30** tons were sold, at an average price of **5,960.3** thousand soums. Also, Avangard Oil Trans LLC put up for auction **240** tons of gas, but not sold.

The main buyers of liquefied gas at the exchange trading are **CNG** filling **stations** (auto gas-filling compressor stations), which carry out retail sales of reduced gas as a motor fuel for cars.

In 2020, in the context of regions, **83 percent** of liquefied gas is purchased by buyers from six regions. So, buyers of the Samarkand region account for **39.1 %**, Kashkadarya region - **13.8 %**, Bukhara region - **12.5 %**, the Republic of Karakalpakstan - **6.4 %**, Khorezm region - **6.1 %** and Surkhandarya region - **5, 2 %**.

In accordance with the approved balance sheet, in 2021 through exchange trading, it is planned to sell **183.6** thousand tons of liquefied gas, which is **32%** more than last year (due

to the commissioning of GTL production), in 2022 - 2023, it is planned to sell 208 thousand tons through exchange trading. tons and 215 thousand tons, respectively.

3. 3.13. Sulfur, along with oil, coal, table salt and limestone, belongs to the five main types of raw materials of the chemical industry and is of strategic importance for providing the population with food, since in addition to nitrogen, phosphorus, potassium, calcium and magnesium, it is an essential nutrient mineral element for plants, a source of soil fertility and increased productivity.

There are several commercial forms of sulfur: lumpy, granular and liquid forms are considered the main ones. Lump sulfur (technical lump gas sulfur) is one of the most common commercial forms of sulfur.

Sulfur technical gas lump has a wide range of uses in the chemical, agricultural, medical, food, paper, rubber industries, used in the production of fertilizers, matches and gunpowder, dyes.

Most of the lump sulfur produced is used as feedstock for the industrial production of sulfuric acid.

In the territory of the republic, the main producers of technical sulfur are **LUKOIL Overseas Supply and Trading Ltd, Muborak gazni qayta ishlash zavodi LLC** and **Uzbekneftegaz JSC**.

In 2019, **879.1 thousand** tons were put up for exchange trading (LUKOIL Overseas Supply and Trading Ltd - **374.3 thousand** tons, MUBORAK GAZNI QAYTA ISHLASH ZAVODI LLC - **249.3 thousand** tons, Uzbekneftegaz JSC - **217.4 thousand** tons and other **38.1 thousand** tons), of which **335.6 thousand tons** were sold for **37.3 billion** soums (LUKOIL Overseas Supply and Trading Ltd - **225.6 thousand tons** for **20, 6 billion** soums, MUBORAK GAZNI QAYTA ISHLASH ZAVODI LLC - **75.6 thousand** tons, **13.8 billion** soums, Uzbekneftegaz JSC - **23.4 thousand** tons, **1.9 billion** soums and others **11, 1 thousand** tons for the amount of **1.1 billion** soums).

In 2020, **782.3 thousand** tons were put up for exchange trading (Uzbekneftegaz JSC - **448.9 thousand** tons, LUKOIL Overseas Supply and Trading Ltd - **185.1 thousand** tons, SULPRO LLC - **83.2 thousand** tons, LLC ARIANT RT **60.2 thousand** tons and other **5.0 thousand** tons), of which **337.1 thousand** tons were sold for **12.7 billion** soums, (JSC Uzbekneftegaz - **147.7 thousand** tons in the amount of **8.0 billion** soums, LUKOIL Overseas Supply and Trading Ltd - **145.3 thousand** tons, **1.1 billion** soums, SULPRO LLC - **83.2 thousand** tons, **3.5 billion** soums and others **1, 4 thousand** tons for the amount of **0.1 billion** soums).

The consumers of technical sulfur are mainly mining enterprises (Navoi Mining and Metallurgical Combine, which bought **191.1 thousand** tons in 2019, **147.8 thousand** tons in 2020), mineral fertilizers production (JSC "Maksam Chirchik" 2019 - **65.7 thousand** tons, 2020 - **64.7 thousand** tons), chemical industry (NASAF OLTINGUGURT KIMYO LLC 2019 - **4.5 thousand** tons, 2020 - **12.8 thousand** tons), subjects of wholesale and retail trade (LLC "SULPRO" 2019 - **26.9 thousand** tons, 2020 - **87.7 thousand** tons), farms (F.H. "KO'KLAM- SAFAR-PARRANDA" 2019 - **0.3 thousand** tons, 2020 - **13.3 thousand** tons) and manufacturers of various construction, household goods and materials.

Due to the expansion of production capacities at enterprises for the production of technical sulfur, in 2021 it is planned to increase the volume of exposures by **13 %** (total **14.3 billion** soums), in 2022 by **13 %** (**16.2 billion** soums) and in 2023 in the year by **13 %** (**18.3 billion** soums) per year.





3.4. In terms of building materials: cement, rolled ferrous metals, building glass

3.4.1. In total, there are **29 cement production enterprises** in the republic, **19 of which** sell their products **through the exchange**. At the same time, more than 95% of products sold at exchange trades fall on the share of large cement plants "Almalyk MMC, Kyzylkumcement, Akhangarantsement, Bekabadcement and Kuvaisaycement.

It exhibited in 2019 **8 550 thousand** . tons, of which **8 464 thous** . tons of cement totaling **4 101 200 000 000 Sum**, and in 2020, it was realized **8736.7** thousand. tons (an increase of **3%**) in the amount of **5 471 400 000 000 sum**.

Buyers at exchange auctions are legal entities that purchase products for resale, as well as for their own needs.

In 2020, the Resolution of the Cabinet of Ministers No. 450 "On Measures to Simplify the Procedure for Importing Cement and Providing the Domestic Market with High-Quality Cement" was adopted, aimed at simplifying the import process.

As a result of the decision taken in August 2020, **354.9 thous** . tons of cement compared to July **65%** (**211.8 thousand tons**).

Also, in accordance with the order of the Cabinet of Ministers of the Republic of Uzbekistan No. 02 / 1-58 dated June 29 from June 30:

ensured daily supply of cement for exchange trading in the amount of at least **40 thousand tons** ;

a limit has been set on the maximum amount of cement (**114 tons**) purchased by one buyer;

a " forward " type of trade was introduced, which provides for the sale of cement under transactions concluded at exchange auctions, with a **delay in delivery for a period of more than one month** ;

established a daily exchange of information with the State Tax Committee on the daily buyers of cement.

As a result of the measures taken , cement prices by August 20, 2020 **decreased** to **755.3 sums** , on September 2 to **679.2 sums** and on September 16 to **623.1 sums** .

Also, pursuant to the Resolution of the Cabinet of Ministers dated July 23, 2020 No. 450, a total of **536.4 thousand rubles** were put on exchange trading . tons of cement, while in practice, **474.9 thous** . tons (- **61.5 thousand tons**) of cement.

In particular, Akhangarancement JSC - **127.2 thous** . tons instead of **90.3 thous** . tn. (- **36.8 thousand tons**.), JSC "Bekabadcement" - **60.8 thousand** . tons instead of **58.1 thous** . tons (- **6.6 thousand tons**), JSC "Almalyk MMC" - **117.6 thousand tons** instead of **106.5 thousand tons**

(- **11 thousand** tons), small enterprises - **64.8 thousand** tons instead of **24, 6 thousand** tons (- **40.1 thousand** tons).

It should be added that modernization projects are planned for 2020-2021, as well as the creation of **new** cement production **facilities** . In the course of which, it is expected to launch new capacities at **11 cement** plants with a total **annual capacity of 9.1 thousand tons**.

Prediction realization of cement through the exchange trades in 2021 is provided on a **7 386.4 billion** soums, which is **35%** more than last year (due to the commissioning of new capacities), in 2022 - 2023 years provides sales through exchange trades on **10 171 billion** soums (**37, 7%**) and **14 341 300 000 000** sum (**41%**), respectively.

3.4.2. Exchange trading ferrous metals is realized in the main producer of "Uzmetkombinat".

In the republic, 90% of the sold products fall on the share of the JSC "Uzbek Metallurgical Plant".

JSC "Uzmetkombinat" is the leading ferrous metallurgy enterprise in Central Asia. The plant is the base industry and is closely related to all industries. According to experts, at present, the total demand of Uzbekistan for rolled ferrous metals is provided by only 36.1% due to the processing of scrap and waste of ferrous metals at Uzmetkombinat JSC, located in the city of Bekabad, the rest (63.9%) is imported from CIS countries, primarily from Russia, Kazakhstan and Ukraine.

There is no iron ore in Uzbekistan and the factories of the republic feel an acute shortage of primary and secondary resources of ferrous metals. In this regard, the JSC "Uzmetkombinat" is not working at full capacity either .

Sales of rolled products of ferrous metals at exchange trading: rebar (74%), angle (16%), circle (3%), wire (2%), channel (2%), wire rod (2%), square (1%) , strip and hexagon (0.4).

Over the years, sales of rolled products of ferrous metals at exchange auctions have been increasing . In 2019, the volume of exhibiting increased by **35 % (614.1 thousand tons)** compared to the previous year, and in 2020 - by **15% (704.1 thousand tons)** .

In 2019 sold **330 , 2 ths.** Tons (**+ 67.3 thousand** .tn. More than in 2018), an average of **5 536.1 thous.** Soums per ton. The total amount of sales amounted to **1828.1 billion** soums and the volume of sales increased by **23%**.

In 2020 godu implemented **402 , 2 th.** Tonnes (**+ 71.9 thousand** .tn. Greater than 2019 godu) an average of **5 195.2 thousand.** Sum per ton. The total amount of sales amounted to **2 089.3 billion** soums and the volume of sales increased by **14%**.

According to their activities, buyers in exchange trading can be divided into 3 types. In 2020, buyers *purchased for resale* **47% (12% more than in 2019)**, *for construction and concrete production* **33 % (12% less than in 2019)**, *other organizations* **21%** .

In 2021-2022, Uzmetkombinat JSC plans to launch additional investment projects worth \$ 18 million (production capacity 600 thousand tons).

It should be noted that there are also some shortcomings in the field. Besides Uzmetkombinat

JSC, other enterprises also produce ferrous metals. They import scrap, which is the main raw material, from abroad. As a result, the cost of production becomes higher than the production of JSC "Uzmetkombinat".

It is proposed to organize the sale of local scrap metal (scrap) to other private producers through exchange trading.

Taking into account the high demand for rolled ferrous metals and inflation factors, a sales forecast for a total amount of 2,465.4 billion soums is expected for 2021, which is 18% higher compared to 2020, in 2022 - by 3,155.7 billion soums (growth of 28%, respectively, by 2021), as well as in 2023 - 4 228.6 billion soums (34%).

3.4.3. In Uzbekistan, JSC "Quartz" is the largest enterprise in the Central Asian region for the production of sheet colored, tinted and tempered **glass** , glass jars and bottles. The products fully satisfy the needs of the domestic market and are exported to many countries: Kazakhstan, Turkmenistan, Tajikistan, Kyrgyzstan and Afghanistan.

In 2019, at the exchange trading were put **6 311 , 5 sq. M of the employee** architectural glass are implemented **6 276 , 7 sq. M of the employee** (99.5%), an average of 23.0 thousand. Amounts per m2 ... The total amount of sales for building glass amounted to 144.3 billion soums.

From January to April 2019, the price of glass ranged from 20 to 21.9 t s . sum for 1 m2 . Moreover, in early May, the average price increased by 24.0 t s s.sum m2, and in October to 26.9 t s s.sum square meter, due to a decrease in the volume of nominations to (444.5 m s s.m2)

As for the structure building glass buyers sectional regions 201 9 year, then made basic buyers (138) Firms Ferghana area that acquired 61 % (832.0 m 3 s s.m2) structural glass exposed from the scope of the goods. The four leaders were closed by the buyers of Andijan (10%), Namangan (5%), Tashkent and Surkhandarya regions, the total share of which was 6-4 %.

In **2020 , the** total sales of building glass amounted to 1 62 . 0 billion soums, which is **12.2 % more than 201 9 years** . The increase in construction glass sales amount due to the sales volumes, which in 2020 totaled 6604 , 3 m s s.m2 ., **Which is 5 % more than in 2019** .

On SENTIAL customers in 2020 godu made (133), firms and companies Ferghana area that acquired 75 % (4 952.9 m s s.m2) structural glass exposed from the scope of the goods. The three leaders were closed by the buyers of the Andijan (11%) and Samarkand regions (5%), as well as the total share of 4% in the Tashkent regions.

In January - September 2020, the average exchange price ranged from 18.8 to 21.8 . At the beginning of September, the weighted average price began to increase from 28.9 t s . S. M2 due to a decrease in the volume of exposure (463.7 t s . M2), from October to November inclusive, the volume of issuance increased , exchange prices also increased from - due to high demand and reached up to 33.4 thousand s. soums per m2. In December, the price

was 27.1 thousand s. Soums per square meter.

Currently, the country is taking comprehensive measures to further intensify the investment policy aimed at modernizing and creating high-tech industries that provide deep processing of domestic raw materials and the production of finished products with high added value. In this regard, on the basis of the Decree of the President of the Republic of Uzbekistan dated January 9, 2020 No. 4563. "On Measures to Implement the Investment Program of the Republic of Uzbekistan for 2020 - 2022", several projects have been established to develop glass production.

JSC "Quartz" in Kuvasay is building a new line for the production of flat glass, which will allow reaching a new level of production and export supplies. The goal of this project is the construction of a new float line for the production of 22.2 million square meters / year of flat glass with a glass furnace capacity of 400 tons / day, with the installation and placement of modern technological equipment to saturate the domestic market of the Republic of Uzbekistan with high-quality flat glass of its own production according to the requirements international standards and entering the external market. This project was supposed to start last year in July, but due to the pandemic, the launch date was extended until June 2021.

According to the approved Resolution in Jizzak, from 2020 in October, the production of ultra-thin jewelry glass was launched at the JV LLC Ming Yuan Silu Industry CO Ltd, the total production capacity is 8 million square meters of glass products. Currently, Ming Yuan Silu Industry CO Ltd has not exhibited and sells products on the basis of direct contracts.

Taking into account these factors, for 2021, it is expected that the forecast for the sale of building glass for a total amount of 191.6 billion soums is expected, which is 18% higher compared to 2020, in 2022 - by 233.2 billion soums (an increase of 22%, respectively, by 2021), as well as in 2023 - 291.6 billion soums (25%).





Non-ferrous metals.

3.5. In terms of the sale of non-ferrous metals: cathode copper, copper wire rod, copper sulfate, secondary aluminum, zinc

3.5.1. Cathode copper is pure copper. The purest grade of MOOK cathode grade copper contains no more than 0.001% impurities. In the production of conductive products, copper grades are used with an impurity content of no more than 0.05 - 0.1%. Bismuth, lead, sulfur, oxygen are the most undesirable impurities in copper.

Cathodes are designed for the production of wrought semi-finished products (ingots, wire rod) from copper and its alloys.

Cathode copper is supplied in the form of cathode sheets or semi-finished products - ingots, which are then processed by rolling. Copper cathodes are intended for the manufacture of wire, tires, copper rod, copper electrolytic powders.

Almalyk MMC is the **only** copper **producer** in Uzbekistan. The combine accounts for about 90% of silver production and 20% of gold in the republic.

Sales of cathode copper in 2019 increased by **18.2 thousand** tons (from **18.6 thousand** tons in 2018 to **36.8 thousand** tons). The average selling price in 2019 was **53.7 million** soums / ton (in 2018 - **52.3 million** soums / ton) and increased by **1.4 million** soums / ton, or **2.7%**.

The volume of exposition of cathode copper in 2020 amounted to **59.2 thous** . tons, an increase of 51% compared to the previous year, in 2019 the volume of issuance amounted to **39 thousand** . tons.

Sales in the period for 2019 of the exposed volume amounted to **36.7 thousand** . tons of cathode copper for a total amount of **1 974.9** billion soums, and in 2020 **36.7 thous** . tons for the amount **of 2,272.6** billion soums, an increase of **15%**.

In accordance with the Resolution of the President of the Republic of Uzbekistan dated January 17, 2018 No. PP-3479, buyers of cathode copper at exchange trading are exclusively enterprises that have production facilities for their further processing in accordance with the conclusion of the khokimiyats of districts (cities).

The main buyers are large non-ferrous metal processing plants (more than 12 enterprises), which are part of the Uzeltekh sanoat Association, which further export finished products with high added value.

So, for example more than 50% from the sale of copper cathodes on the stock exchange comprise JSC JV "Uzkabel" annual gains on the stock exchange about 8.6 thousand tons of cathode copper, JV. "ProCab" - 7.4 thousand tons, SP. JSC "Andijankabel" - 4,6 thousand tons, JV. "Yuqorichirchiq Metall Invest" - 4 tons.

Almalyk MMC, projects are underway to modernize production at the copper smelter, which will significantly increase the production of copper and non-ferrous metals by 2023.

Already in 2023, these measures will make it possible to produce 250 thousand tons of cathode copper and 120 thousand tons of metallic zinc per year, as well as significantly increase the production of precious and rare metals.

Prediction of copper cathode through the exchange trades in 2021 is provided in the **2 613.5 billion** soums, which is 15% more than last year (due to the commissioning

of new capacities), in 2022 - provides for the implementation through exchange trades on 3057810000000 2023's. sum (17%) and **3 608 200 000 000** sum (18%), respectively.

3. 5.2. Copper rod is a semi-finished product for the manufacture of end products such as contact wires, wires, tires.

All products are entirely referred to as a bay, i.e. it is a continuous copper rod wound with turns, and the turns must not be interchanged. Copper rod grades, as a rule, are deciphered by the method of its manufacture, for example, KMB is an oxygen-free copper rod, and KMor is a copper rod made from copper scrap and refined waste.

The main supplier of copper wire rod is Almalyk MMC, also in 2020 Uzvtotsvetmet JSC (13.2 tons), JV Uzkabel JSC (435.6 tons) and Yuqorichirchiq Metall Invest JV LLC (13.2 tons).

Copper rod sales in 2019 decreased by 2.4 thousand tons (from 7.0 thousand tons in 2018 to 4.6 thousand tons). The average selling price in 2019 was 55.8 million soums / ton (in 2018 - 56.3 million soums / ton) and decreased by 0.5 million soums / ton, or 0.9%.

The volume of exposing copper rod in 2020 amounted to 6.3 thousand tons, an increase of 34% compared to the previous year, in 2019 the volume of exposing was 4.7 thousand tons.

Sales in the period for 2019 from the exposed volume amounted to 4.6 thousand tons of copper rod for a total amount of 258.6 billion soums, and in 2020, 4.2 thousand tons were sold for 270.2 billion soums, an increase amounted to 4.4%.

In accordance with the Decree of the President of the Republic of Uzbekistan dated January 17, 2018 No. PP-3479, buyers of copper wire rod at exchange trading are exclusively enterprises that have production facilities for their further processing in accordance with the conclusion of the khokimiyats of districts (cities).

The main buyers are Uzavtosanoat and large non-ferrous metal processing plants (more than 12 enterprises), which are part of the Uzeltekhsanoat Association, which further export finished products with high added value.

So, for example, MCHJ OzEraeCable QK (22%) annually purchases about 1,000 tons of products at the exchange trading, JV Andijankabel JSC - 891 tons, Chirchik Transformer Zavodi JSC - 277 tons and etc.

Almalyk MMC, projects are underway to modernize production at the copper smelter, which will significantly increase the production of copper and non-ferrous metals by 2023.

The forecast for the sale of copper wire rod through exchange trading in 2021 is foreseen for 291.9 billion soums, which is 8% more than last year (due to the commissioning of new capacities), in 2022 - 2023 it is planned to sell through exchange trading for 318.1 billion soums. soums (9%) and 343.6 billion soums (8%), respectively.

3. 5.3. The production of **copper sulfate** is carried out by the Almalyk MMC. Copper sulfate is used as a fertilizer, a pesticide for the fight against plant diseases and pests, in the chemical industry as a starting material for inorganic synthesis processes, and also as a pigment for leather dressing.

In 2019, **858** tons of copper sulfate were put up for exchange trading , of which **509.0** tons (**59.3%**) were sold at an average price of **17 095** thousand soums per ton. The total amount of sales amounted to **8.7** billion soums.

In 2020, **1,444.9** tons of copper sulfate were put up for exchange trading , of which **769.9** thousand tons (**53.2%**) were sold on average at **18,070** thousand soums per

ton. Compared to 2019, the average price for copper sulfate increased by **5 percent**, due to an increase in the starting price for products.

In 2020, in the context of regions, more than **90 percent of** copper sulfate was purchased by buyers from three regions. So, buyers of Navoi region bought - **76.3 %**, Tashkent city - **7.5 %** and Samarkand region - **6.5 %**.

In accordance with the production capacity and the volume of demand for copper sulfate in 2021, it is expected that copper sulfate will be sold in the amount of 810 tons, and in 2022 - 2023 at the level of 850 tons annually.

3.5.4. Joint-stock company “Uzbek plant for procurement and processing of scrap, non-ferrous metal waste” or JSC “UZVTORTSVETMET” is the only specialized enterprise in Central Asia that produces **secondary aluminum** alloys.

In particular, secondary aluminum is widely used for industrial purposes as a raw material for production and construction, high-speed rail and water transport, automotive (engine casings, body parts and transmissions), electrical engineering, machinery and turbine technology, food and beverage packaging, cryotechnics, pyrotechnics and rocket fuel, food industry .

ADC10, ADC12, A380, AV87, AD31, AK12M2, AK12M2MgN, AK5M2, AK5M2P, AK7, AK7p, AK9M2 and AMg1.5 types of secondary alloys are sold at the auction.

In 2019, **3,476.0 tons of** secondary aluminum were put up for exchange trading , of which **2,774.0 tons** (80%) were sold **on** average at **14,271.0** thousand soums per ton, almost at the level of starting prices. The total amount of sales of secondary aluminum amounted to **39.5** billion soums.

It implemented in 2020 godu **1 963.0 tons of** aluminum secondary (**-811.0 thousand. Tonnes** or 29.2% less than the previous year) amounting **30.6 bln. UZS**, which is 22.5% lower than the previous year.

The average annual price amounted to 15 612.3 thousand soums per ton and 9.3 % growth in relation to the indicator for the previous year. Since the beginning of the year, the average price was 13 976.3 thousand soums per ton, since May the price increased from 15 005.2 - 17 543.0 thousand soums per ton.

The reason for the rise in prices in 2020 is associated with a decrease in the volume of listing on the exchange trading. Thus, during the period indicated billed **2 637.0 tons of** recycled aluminum (at 839.0 tons or 24.1% less than the previous year).

In 2020, in the context of regions, **88.2 percent of** secondary aluminum was purchased from 44 buyers in the Tashkent region for an amount of **27.2 billion soums. By** ajor customers were OOO «Wide Tent System» 5,7 bln. UZS, OOO «Technologi De Lavenir» 5,3 bln. UZS, LLC «Aluminium Systems» 2 9 bln. UZS, LLC «Radiator Elite» 2 2 bln. UZS, LLC “Atlant Metal” 1,9 bln. UZS and LLC “Metallurg Koj” 1,1 bln. UZS. LLC “Heating Radiators”, a legal entity of Navoi region, made a purchase for the amount of **1.7 billion soums**.

Taking into account these factors and the constancy of the consumer contingent, sales forecast for secondary aluminum in 2021 is expected for a total amount of 32.2 billion soums, which is 5% higher compared to 2020, in 2022 - by 33.8 billion soums (an increase of 5 % respectively by 2021), as well as in 2023 -35.5 billion soums (5%).

3. 5.5. Zinc is one of the most demanded in modern metal production, having a set of non-standard technical properties and characteristics. Rolled zinc - a variety of rolled metal,

which include this metal. Metallic zinc is used as a filler material in various alloys using copper, tin, and iron. Forms strong connections, ennobling the alloy.

The main selling find filnca metal acts on the stock exchange, the company JSC "Almalyk MMC"

Industries using metal zinc in industrial and chemical structure, production of chemical power sources, pharmaceutical industry, cleaning solutions in chemical and other industries, protection of metal surfaces from corrosive processes (products for sanitary ware and galvanized sheets and pipes).

So the main buyers in the exchange trading in 2020 are the enterprises of the Tashkent region JSC "Uzvtortsvetmet" **17.6 billion soums**, LLC "Zaytuna Trading" **11.4 billion soums**, JV LLC "Toshkent Metallurgiya Zavodi" **9.6 billion soums**, JSC "Ozbekiston -Metallurgiya Kombinat" **8.3 billion soums**, LLC "New Noble Trade Company" **7.2 billion soums**, LLC "National Holdings" **6.9 billion soums**, LLC "Technologi De Lavenir" **5.9 billion soums**, JV LLC "Bektemir Metall Konstruksiyalari" **5.2 billion soums**, LLC "Profit System Plastic, Auris Polymetal Manufacturing Consulting Impex and Royal Plast Industri" purchased zinc products for an average of **3.0 billion soums**

In 2020, in the context of regions, **76 percent of** metal zinc was purchased mainly from **28 buyers in the** Tashkent region for **84.4 billion soums**, Samarkand (**13.7 billion soums**), Syrdarya (**7.6 billion soums**), Jizzakh (**1.7 billion UZS**), Fergana (**UZS 1.5 billion**) and Namangan (**UZS 1.2 billion**) regions made a purchase for the above amount.

Realization of zinc metal was increased to 2020 **1 975 tons** (with **2 884 tons** per year to 2019 **4 386 tons**). The average selling price in 2020 was **US \$ 25.2 million . UZS / t** (in 2019 - **22.6 million UZS / t**) and increased by **3.4 million UZS / t** or **13.6%**.

Displacement exhibiting metallic zinc in 2020 totaled **4 859 tons** increase **42%** compared with the previous year, in 2019, the volume exhibiting was **3 414 tons**.

Implementation in the period of 2020 from the exposed volume amounted to **4 386 tonnes** of zinc metal on the total amount of **110.8 billion soums** (**45.6 billion soums**) against 2019 grew by **69%**.

Since the beginning of the year the average price was **22 833.1 thousand**. The amounts per tonne in March, the price dropped to **18 230.3 thousand**. the amounts per tonne from July began **to rise 23 490.4 thousand**. Sums per tonne, and in December **reached a peak of 36,504.8 thous**. amounts per ton.

The reason for the rise in prices in 2020 is associated with the high demand for raw materials, although the volume of listing on the exchange increased, but the demand did not decrease.

In accordance with the Decree of the President of the Republic of Uzbekistan dated January 17, 2018 No.PP-3479, buyers of metal zinc at exchange auctions are exclusively enterprises that have production facilities for their further processing in accordance with the conclusion of the khokimiyats of districts (cities).

Based on the above information, an increase in the consumer contingent and high demand for zinc in 2021, a sales forecast for a total of **133.0 billion soums** is expected, which is **20% higher compared** to 2020, in 2022 - by **159.7 billion soums** (an **increase 20%**, respectively, by 2021), as well as in 2023 - **191.6 billion soums** (**20%**).

3.6. Code on the forecast of sales of highly liquid and monopoly products (specified in the annex to the Decree of the President of the Republic of Uzbekistan dated November 14, 2017 No. PP-3386)

Products	Fact 2019	Fact 2020	2021st.		2022nd.		2023rd	
			forecast	Height (%)	forecast	Height (%)	forecast	Height (%)
General	43017,4	53646,5	64045,4	19,4%	81111,2	26,6%	104029,7	28,3%
Highly liquid goods	33730,5	41103,5	48904,3	19,0%	61803,4	26,4%	79756,9	29,4%
Automobile gasoline	647,8	3410,0	4160,2	22,0%	5491,5	32,0%	7523,3	37,0%
Extraction gasoline	46,8	44,0	52,8	20,0%	60,7	15,0%	75,9	25,0%
Diesel fuel	3853,5	5046,4	6005,2	19,0%	8287,2	38,0%	11436,3	38,0%
Technical kerosene	20,2	4,4	5,0	14,0%	5,7	13,0%	6,5	15,0%
Polypropylene	1011,1	1128,6	1293,4	14,6%	1539,2	19,0%	1908,5	24,0%
Polyethylene	1067,4	1207,1	1399,0	15,9%	1664,8	19,0%	2064,3	24,0%
Sulfur technical	37,3	12,7	14,3	13,0%	16,2	13,0%	18,3	13,0%
Coal	38,6	52,0	65,6	26,2%	84,7	29,0%	114,3	35,0%
Mineral fertilizers	3731,1	3914,4	4501,6	15,0%	5627,0	25,0%	7146,3	27,0%
Soda ash	182,2	256,7	311,4	21,3%	375,8	20,7%	462,3	23,0%
Cathode copper	1975,0	2272,6	2613,5	15,0%	3057,8	17,0%	3608,2	18,0%
Copper Rod	258,6	270,2	291,9	8,0%	318,1	9,0%	343,6	8,0%
Secondary aluminum	39,6	30,6	32,2	5,0%	33,8	5,0%	35,5	5,0%
Rolled ferrous metals	1828,1	2089,3	2465,4	18,0%	-3155,7	28,0%	4228,6	34,0%
Zinc metal	65,2	110,9	133,0	20,0%	159,7	20,0%	191,6	20,0%
Cement	4101,2	5471,4	7386,4	35,0%	10171,1	37,7%	14341,3	41,0%
Building glass	144,3	162,0	191,2	18,0%	233,2	22,0%	291,6	25,0%
Sugar	267,4	1049,1	1395,4	33,0%	1744,2	25,0%	2197,7	26,0%
Wheat	1757,5	1109,4	1275,9	15,0%	1492,7	17,0%	1746,5	17,0%
Barley	15,2	116,3	137,3	18,0%	162,0	18,0%	191,1	18,0%
Cotton-fiber	6263,5	5721,5	6408,0	12,0%	7305,1	14,0%	8400,9	15,0%
Cotton lint	172,3	182,7	204,7	12,0%	235,4	15,0%	275,4	17,0%
Edible oil	822,9	905,2	1040,9	15,0%	1290,8	24,0%	1587,6	23,0%
Cotton seed husks	364,8	354,8	385,7	8,7%	443,5	15,0%	514,5	16,0%
Cottonseed meal	692,2	647,9	699,7	8,0%	804,7	15,0%	941,5	17,0%
Technical Seeds	1492,2	1916,5	2507,7	30,8%	3285,1	31,0%	4303,4	31,0%
Liquefied gas	679,4	449,8	485,8	8,0%	544,1	12,0%	625,7	15,0%
Wheat flour	1020,8	1227,1	1239,3	1,0%	1611,1	30,0%	2013,9	25,0%
Compound feed	284,3	987,0	1184,4	20,0%	1480,5	25,0%	1924,7	30,0%

Products	Fact 2019	Fact 2020	2021st.		2022nd.		2023rd	
			forecast	Height (%)	forecast	Height (%)	forecast	Height (%)
Technical oils	330,6	273,7	295,6	8,0%	339,9	15,0%	390,9	15,0%
Heating oil	113,9	106,1	111,4	5,0%	116,9	5,0%	122,8	5,0%
Petroleum bitumen	83,5	231,8	243,4	5,0%	255,5	5,0%	268,3	5,0%
Heating oil	31,4	25,5	28,1	10,0%	31,5	12,0%	34,6	10,0%
Petroleum wax	0,2	-	-	0,0%	-	0,0%	-	0,0%
Petroleum solvent	97,7	101,6	105,7	4,0%	109,9	4,0%	114,3	4,0%
Laundry soap	184,1	200,2	217,4	8,6%	250,0	15,0%	285,0	14,0%
Copper sulfate	8,7	13,9	16,0	15,0%	18,4	15,0%	21,7	18,0%

Exchange platforms	Fact 2018	Fact 2019	Fact 2020	2021		2022		2023	
				Forecast value	Height (%)	Forecast value	Height (%)	Forecast value	Height (%)
Total :	31 835,9	43 017,4	53 646,5	64 045,4	19,4%	81 111,2	26,6%	104 029,7	28,3%
Total commodities :	28 678,6	37 507,4	46 711,2	55 987,2	19,9%	70 452,3	25,8%	89 954,0	27,7%
<i>Highly liquid goods</i>	21 440,1	33 760,9	41 300,4	48 901,7	18,4%	61 804,5	26,4%	79 975,0	29,4%
<i>Other goods</i>	6 223,0	2 604,5	4 425,5	5 718,7	29,2%	7 063,0	23,5%	8 119,4	15,0%
<i>Export and import</i>	1 015,4	1 142,0	985,4	1 366,8	38,7%	1 584,8	16,0%	1 859,6	17,3%
Exhibition fair trade	1 119,9	1 552,4	2 375,8	2 679,4	12,8%	3 518,0	31,3%	4 548,8	29,3%
Public procurement including :	1 121,1	1 677,3	1 767,1	2 102,2	19,0%	2 776,2	32,1%	3 808,9	37,2%
<i>Email tender va competition</i>	-	-	-	212,5	100,0%	330,8	55,7%	559,6	69,1%
<i>Auction</i>	718,9	1 071,8	922,5	987,3	7,0%	1 253,0	26,9%	1 628,9	30,0%
<i>Email score</i>	402,2	605,5	577,6	610,7	5,7%	811,9	32,9%	1 122,1	38,2%
<i>Email shop (milli)</i>	-	-	267,0	291,7	9,3%	380,5	30,4%	498,4	31,0%
Corporate procurement including :	794,7	2 123,8	2 545,5	2 939,8	15,5%	3 910,0	33,0%	5 090,5	30,2%
<i>Email tender and competition</i>	-	-	135,6	353,6	160,7%	540,3	52,8%	848,4	57,0%
<i>Auction</i>	619,5	1 700,1	1 898,7	2 020,0	6,4%	2 643,7	30,9%	3 300,9	24,9%
<i>Email score</i>	175,2	423,7	402,2	439,0	9,1%	562,9	28,2%	726,9	29,1%
<i>Email shop (milli)</i>	-	-	108,9	127,2	16,8%	163,2	28,3%	214,2	31,3%
The system for the implementation of state. license plates for authors	121,7	156,0	246,6	336,3	36,4%	454,1	35,0%	626,6	38,0%
Mobile number sales system	-	0,6	0,4	0,5	28,0%	0,7	32,1%	0,9	33,1%