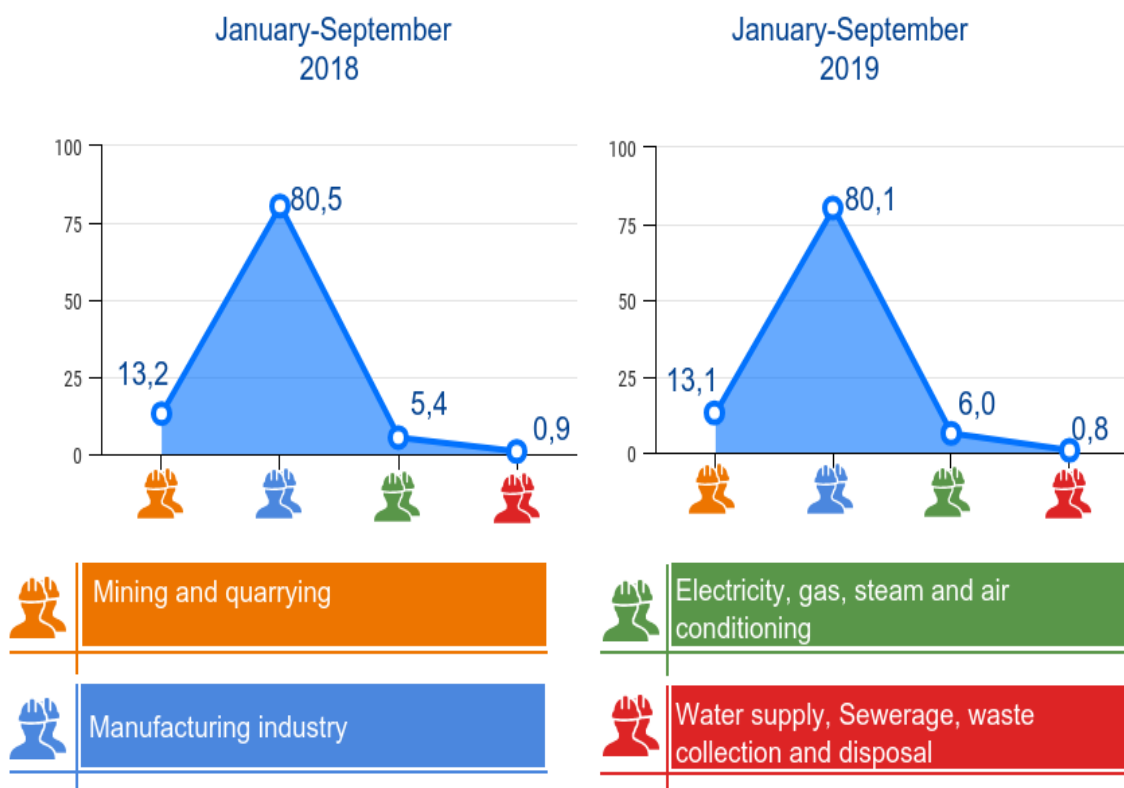


III. INDUSTRY

According to preliminary data, in January-September 2019, enterprises of the Republic produced industrial products worth 234.7 trillion. sum, the industrial production index was 107.0 %.

A major factor in the growth of the overall industrial production was the growth in manufacturing by 8.9 % (contribution to the increase of the total industrial production of 6.5 percentage points), mining and quarrying - by 1.9 % (contribution to growth of 0.3 percentage points), electricity, supply gas, steam and air conditioning 1.1 % (contribution to growth of 0.1 percentage points), water supply, sewage collection and disposal - 6.2 % (contribution to growth of 0.1 percentage points).

Structure of industrial production by main economic activity, %



Contribution of main types of economic activity in the growth of industrial production, %



Mining and quarrying

The volume of production produced by mining and quarrying enterprises in January-September 2019 amounted to 30.8 trillion. sum, or 13.1 % of the total industry.

Compared to the same period last year, there is an increase in gravel-by 56.6 %, while there is a decrease in coal production by 6.8 %, oil-by 6.5 %, gas condensate-by 3.3 %, crushed stone-by 9.1 % and natural gas production by 0.8 %.

The volume of production of certain types of industrial products by large enterprises in the mining industry and quarrying

(January-September 2019)

	<i>unit of measurement</i>	<i>January-September 2019</i>	<i>% to January-September 2018</i>
Coal	<i>thousand tons</i>	2 711,8	93,2
Oil	<i>thousand tons</i>	524,9	93,5
Natural gas	<i>million cubic meters</i>	45 058,3	99,2

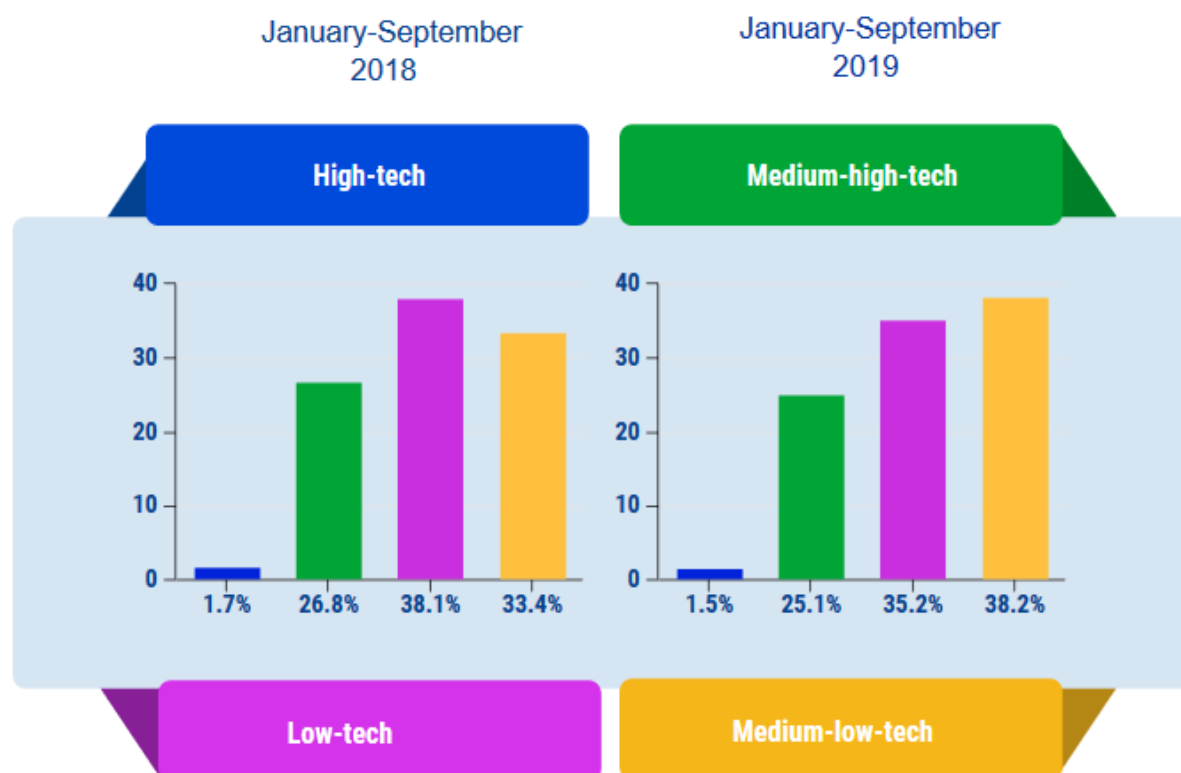
	<i>unit of measurement</i>	<i>January-September 2019</i>	<i>% to January-September 2018</i>
Condensed gas	<i>thousand tons</i>	1 557,2	96,7
Crushed stone	<i>thousand tons</i>	993,6	90,9
Gravel	<i>thousand tons</i>	449,9	156,6

Manufacturing industry

The volume of production produced by manufacturing enterprises in January-September 2019 amounted to 188.0 trillion.sum, or 80.1 % of the total industry.

In the structure of the manufacturing industry, the share of high-tech industries was 1.5 % (in January-September 2018 – 1.7 %), medium-high – tech-25.1 % (26.8%), medium – low – tech-38.2% (33.4 %) and low-tech-35.2 % (38.1 %).

The structure of the manufacturing industry on manufacturability of production, %



In the manufacturing industry, the share of enterprises for the production, repair, assembly of machinery and equipment, the production of cars, trailers, semi-trailers and other finished products amounted to 21,6 % (the growth of volume index increased by 22,3% compared to January-September 2018) , the share of the metallurgical industry – 22,7 % (6,9 %), enterprises for the production of textile, apparel and leather products – 16,1 % (6,4%), for the production of food, beverages and tobacco – 15,9 % (8,0%), enterprises for the production of chemical products, rubber and plastic products – 9,9% (3,3%).

At the same time, in the manufacturing industry, in comparison with the corresponding period of the last year, the production of trucks increased by 1.3 times, cars - by 1.4 t., automobile engines - 1.4 t., buses - by 3.8 t., running wheels, their parts and accessories - 1.3 t., radiators, silencers and exhaust pipes, clutches, steering wheels, steering columns, crankcase steering gears and their parts - 1.4 t.

The overhaul of technological equipment allowed to increase the capacity utilization of chemical enterprises and exceed the previous year's production figures for potassium chloride (107.3 % by January-September 2018), urea (120.4 %), ammonium sulfate (116.6%), ammonium nitrate (113.8%), paints and varnishes based on acrylic or vinyl polymers (122.5%), caustic soda (134.7%), potassium chloride (107.3%).

**The volume of production of certain types of industrial products by large enterprises
in the manufacturing industry
(January-September 2019)**

	<i>Unit of measurement</i>	<i>January-September 2019</i>	<i>% to January-September 2018</i>
Cars	<i>pcs.</i>	186432	140.4
«Damas»	<i>pcs.</i>	36836	158.3
«Nexia»	<i>pcs.</i>	52176	139
«Gentra»	<i>pcs.</i>	29292	146.1

	<i>Unit of measurement</i>	<i>January-September 2019</i>	<i>% to January-September 2018</i>
«Spark»	<i>pcs.</i>	15384	97.2
«Malibu»	<i>pcs.</i>	3566	2 t.
«Cobalt»	<i>pcs.</i>	38067	189.0
«Tracker»	<i>pcs.</i>	5733	-
«Captiva»	<i>pcs.</i>	6	0.1
Lead-acid accumulators for starting piston engines	<i>thousand pcs.</i>	582.1	110.6
Trucks	<i>pcs.</i>	4028	133.2
Buses	<i>pcs.</i>	1339	3.8 p.
Tractors	<i>pcs.</i>	1099	41.9
Car engine	<i>thousand pcs.</i>	140.2	144.7
Cotton-fiber	<i>thousand t.</i>	325.1	63.4
Margarine and spreads	<i>t.</i>	7215.2	107.5
Condensed and unsweetened milk and cream, with a fat content of more than 6%	<i>t.</i>	285.7	76.1
Soft and spelled wheat flour	<i>thousand t.</i>	1074.3	100.1
Other non-durable bakery products	<i>t.</i>	470.9	110.8
Pasta and similar flour products	<i>t.</i>	4465.4	45.4

	<i>Unit of measurement</i>	<i>January-September 2019</i>	<i>% to January-September 2018</i>
Beer	<i>thousand l.</i>	181552.4	106.9
Vegetable oil (refined)	<i>thousand t.</i>	107.9	85.2
Tobacco products	<i>million pcs.</i>	8136.0	103.7
Petrol	<i>thousand t.</i>	758.1	86.8
Diesel fuel	<i>thousand t.</i>	763.4	94.6
Portland cement	<i>thousand t.</i>	7265.7	118.5
Cement clinkers	<i>thousand t.</i>	5779.9	114.8
Cotton yarn	<i>thousand t.</i>	210.0	142.6
Cotton fabrics containing 85% or more by weight of cotton fibers	<i>thousand m2.</i>	53868.0	91.9
Paints and varnishes based on acrylic or vinyl polymers	<i>thousand t.</i>	14.2	122.5

Electricity, gas, steam and air conditioning

The volume of products produced by electricity, gas, steam and air conditioning enterprises amounted to 14.1 trillion soums (6.0% of the total industry).

In this industry in January-September 2019, compared with the corresponding period last year, the production, transmission and distribution of electricity, steam supply and air conditioning systems increased by 1.1%.

The volume of production of certain types of industrial products by large enterprises in the field of electricity supply, gas, steam and air conditioning

(January-September 2019)

	<i>Unit of measurement</i>	<i>January-September 2019</i>	<i>% to January-September 2018</i>
Electricity	<i>million kW/h</i>	44 808.4	101.4
Heat energy	<i>thousand Gcal</i>	19 053.8	97.0

Water supply, sewerage, waste collection and disposal

The volume of production by water supply, sewage, waste collection and disposal enterprises amounted to 1.8 trillion soums (0.8% of the total industry).

Compared with the corresponding period last year, there is an increase in recyclables containing aluminum by 1.7 times, recyclables containing copper by 2.7 t., services for emptying, cleaning and processing cesspools, sumps and septic tanks - 2.0 t. %, services for the treatment and distribution of water through pipelines - 26.4 %, services for the disposal, transportation of wastewater and their treatment - 33.3%, non-hazardous waste collection services - 76.3%.

The volume of production of certain types of industrial products by large enterprises in the field of water supply, sewerage, waste collection and disposal

(January-September 2019)

	<i>Unit of measurement</i>	<i>January-September 2019</i>	<i>% to January-September 2018</i>
Secondary raw materials containing ferrous metals	<i>thousand t.</i>	151.6	62.3
Recyclable materials containing aluminum	<i>thousand t.</i>	5.4	166.6
Services of the removal and transportation of wastewater and their treatment	<i>billion soums</i>	162.4	133.3

Production of industrial products by types of economic activity
(January-September 2019)

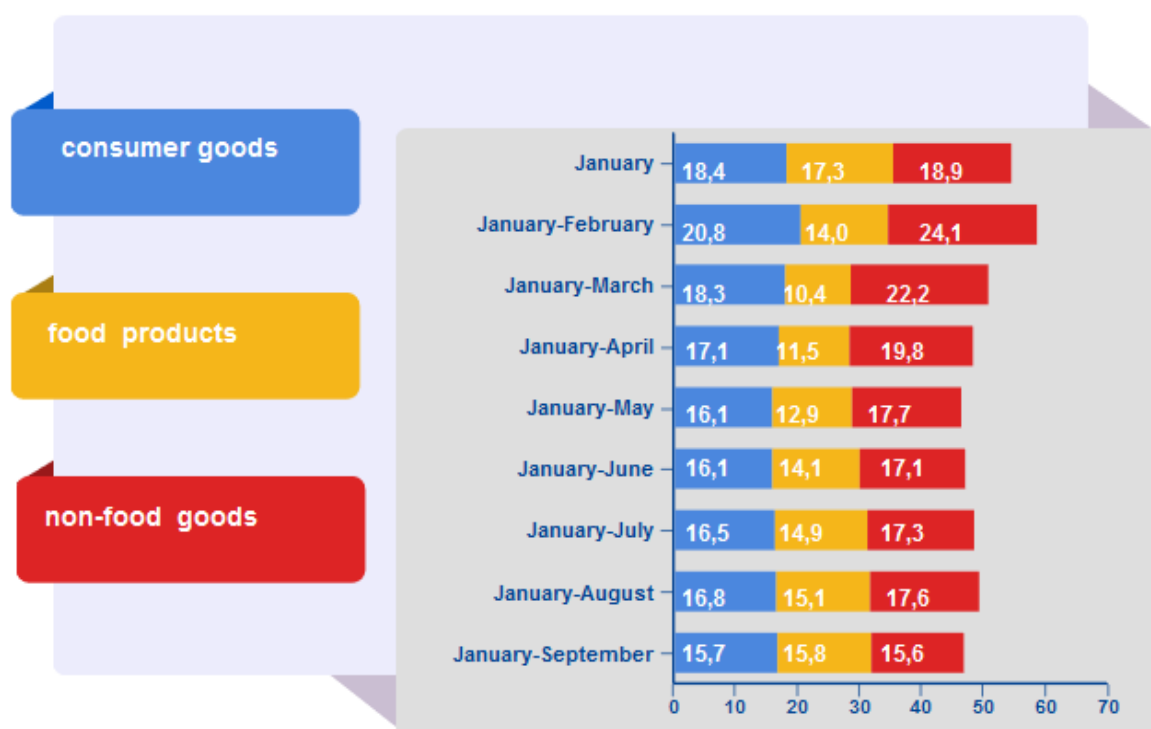
	<i>Billion soums</i>	<i>% to January-September 2018</i>
Industrial products	234693.1	107.0
Mining and quarrying	30838.2	101.9
<i>of them:</i>		
mining of coal, lignite, oil and natural gas	25401.5	101.2
metal ore mining	4161.4	103.9
other mining activities	874.1	114.1
Manufacturing industry	187960.5	108.9
<i>of them:</i>		
food, beverage, tobacco	29876.9	108.0
manufacture of textiles, clothing, leather products	30172.6	106.4
production, repair, installation of machinery and equipment, production of motor vehicles, trailers and semi-trailers, other finished metal products	40636.8	122.3
manufacture of chemical products, rubber and plastic products	18563.7	103.3
metallurgy industry	42693.6	106.9
production of coke and oil products	7150.0	88.4
manufacture of wood and cork products, straw products and materials for weaving, paper and paper products, furniture	3951.9	103.4
printing and reproduction of recorded materials	1113.1	105.7

	<i>Billion soums</i>	<i>% to January-September 2018</i>
production of basic pharmaceutical products and preparations	1535.8	109.4
manufacture of other non-metallic mineral products	11221.8	114.5
Electricity, gas, steam and air conditioning	14140.9	101.1
Water supply, sewerage, waste collection and disposal	1753.5	106.2

Consumer goods manufacturing

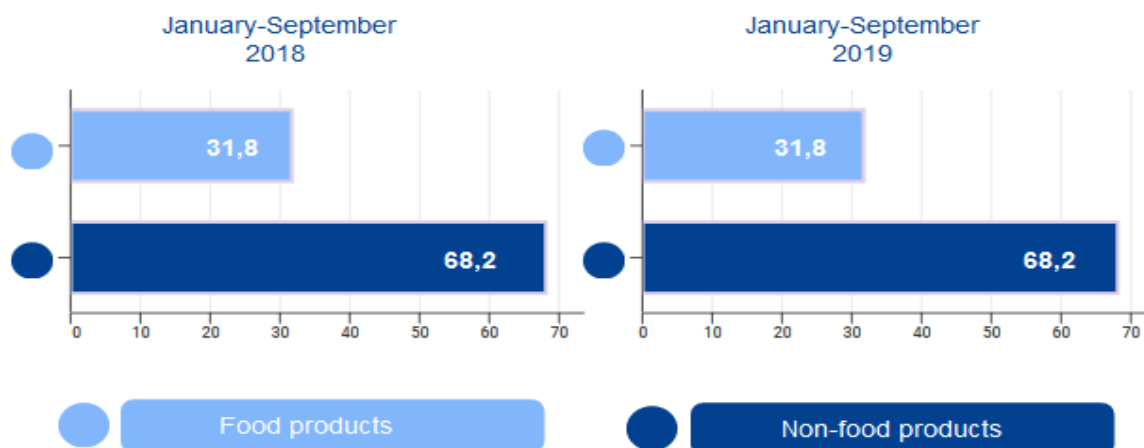
As a result of measures taken to expand the range and stimulate the production of finished products, consumer goods production amounted to 79.0 trillion soums and compared with the corresponding period of 2018, increased by 15.7%, the share in the total industry amounted to 33.7%.

The growth in consumer goods production in 2019 compared to the corresponding period of 2018,%



In the structure of food production, the production of wine-vodka products and beer amounted to 7.1% (8.1% in January-September 2018).

The structure of consumer goods production, %

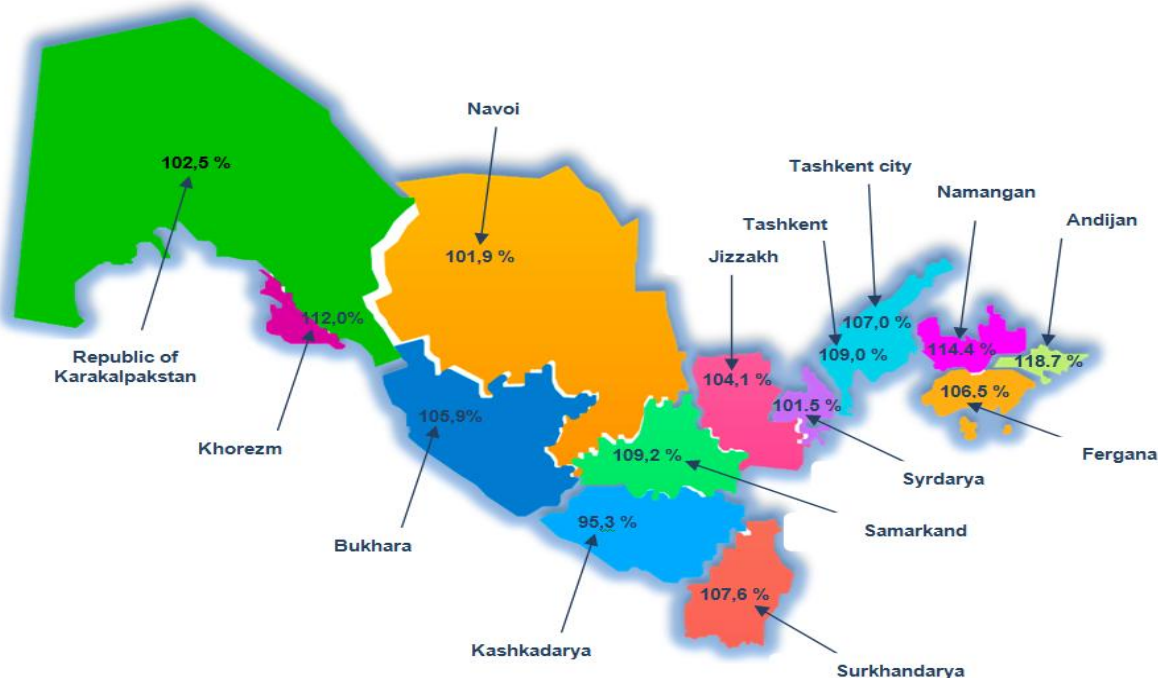


Industrial production of the regions

The consistent implementation of measures to increase the industrial potential of the regions contributed to a significant increase in the index of physical volume of industrial production in Andijan (118.7% compared to January-September 2018), Khorezm (112.0%), Tashkent (109.0%), Namangan (114.4%), Samarkand (109.2%), Bukhara (105.9%) and Ferghana (106.5%) regions.

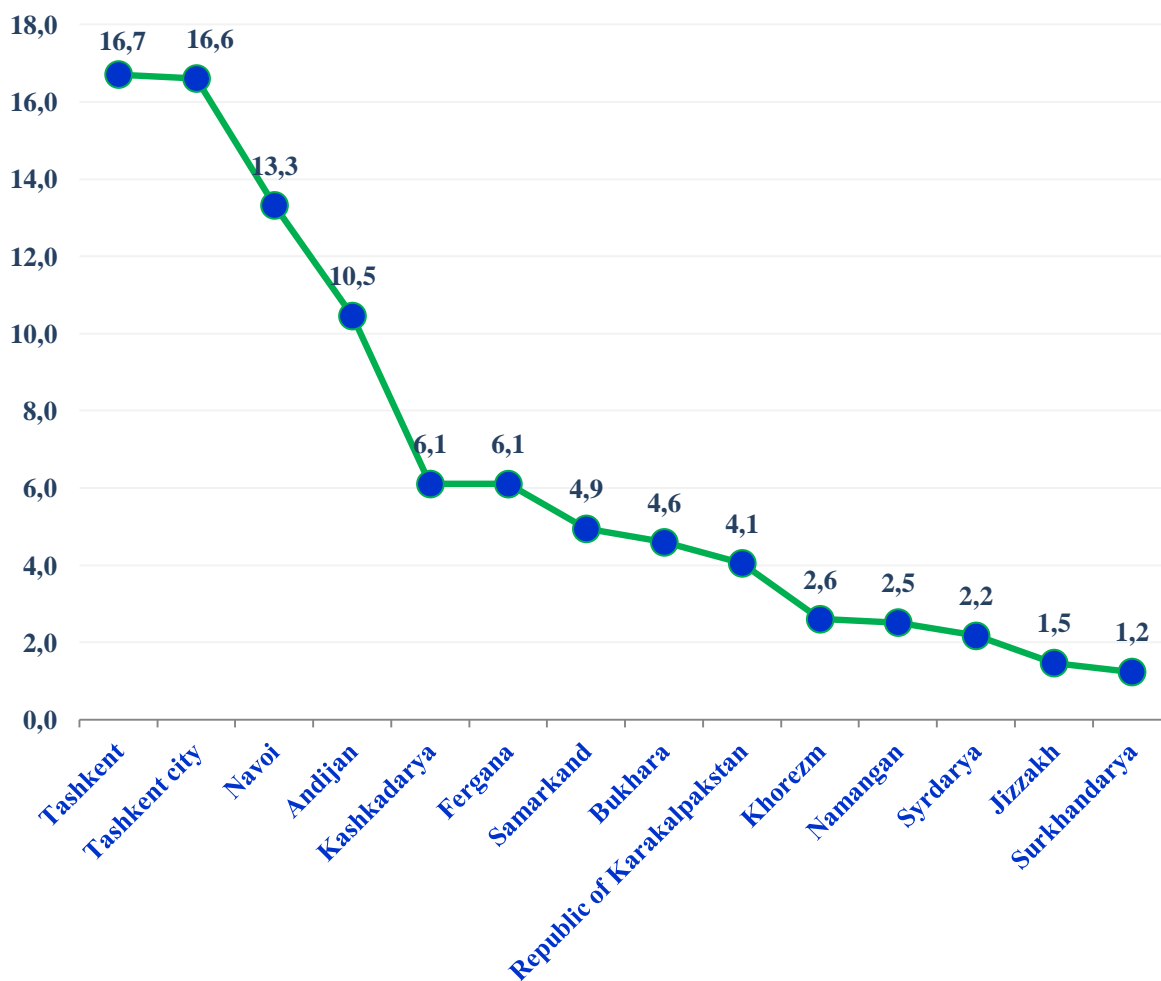
Index of physical volume of industrial production by regions

(January-September 2019 as % of January-September 2018)



In the structure of industrial production of the republic, the largest share fell on the Tashkent region (16.7% of the republican volume of industry), Tashkent city (16.7%), Navoi (13.5%), Andijan (10.0%), Kashkadarya (6.1%) and Ferghana (6.1%) regions.

The proportion of industrial products of the regions in the volume of production of the Republic of Uzbekistan, %



At the same time, the smallest share fell on Surkhandarya (1.2% of the republican output), Jizzakh (1.5%), Syrdarya (2.1%), Khorezm (2.6%) and Namangan (2.7%) area.

The volume of industrial production and consumer goods

(January-September 2019)

	<i>Industrial products billion soums¹⁾</i>	<i>% to January- September 2018.</i>	<i>Consumer goods, billion soums¹⁾</i>	<i>% to January- September 2018.</i>
Republic of Uzbekistan	234 693.1	107.0	78 978.9	115.7
Republic of Karakalpakstan	9 421.8	102.5	1 632.0	106.8
<i>regions:</i>				
Andijan	23 551.4	118.7	18 468.7	133.1
Bukhara	10 648.0	105.9	3 637.6	107.6
Jizzakh	3 453.1	104.1	1 607.7	105.6
Kashkadarya	14 386.8	95.3	2 702.7	110.9
Navoi	31 680.1	101.9	2 315.8	103.9
Namangan	6 385.9	114.4	4 100.1	113.5
Samarkand	11 688.6	109.2	6 786.5	104.6
Surkhandarya	2 882.6	107.6	1 084.1	106.8
Syrdarya	5 012.4	101.5	1 876.7	104.2
Tashkent	39 083.8	109.0	7 300.7	105.0
Fergana	14 348.2	106.5	4 557.7	108.7
Khorezm	6 147.9	112.0	3 917.5	124.9
Tashkent city	39 104.6	107.0	17 400.4	108.2

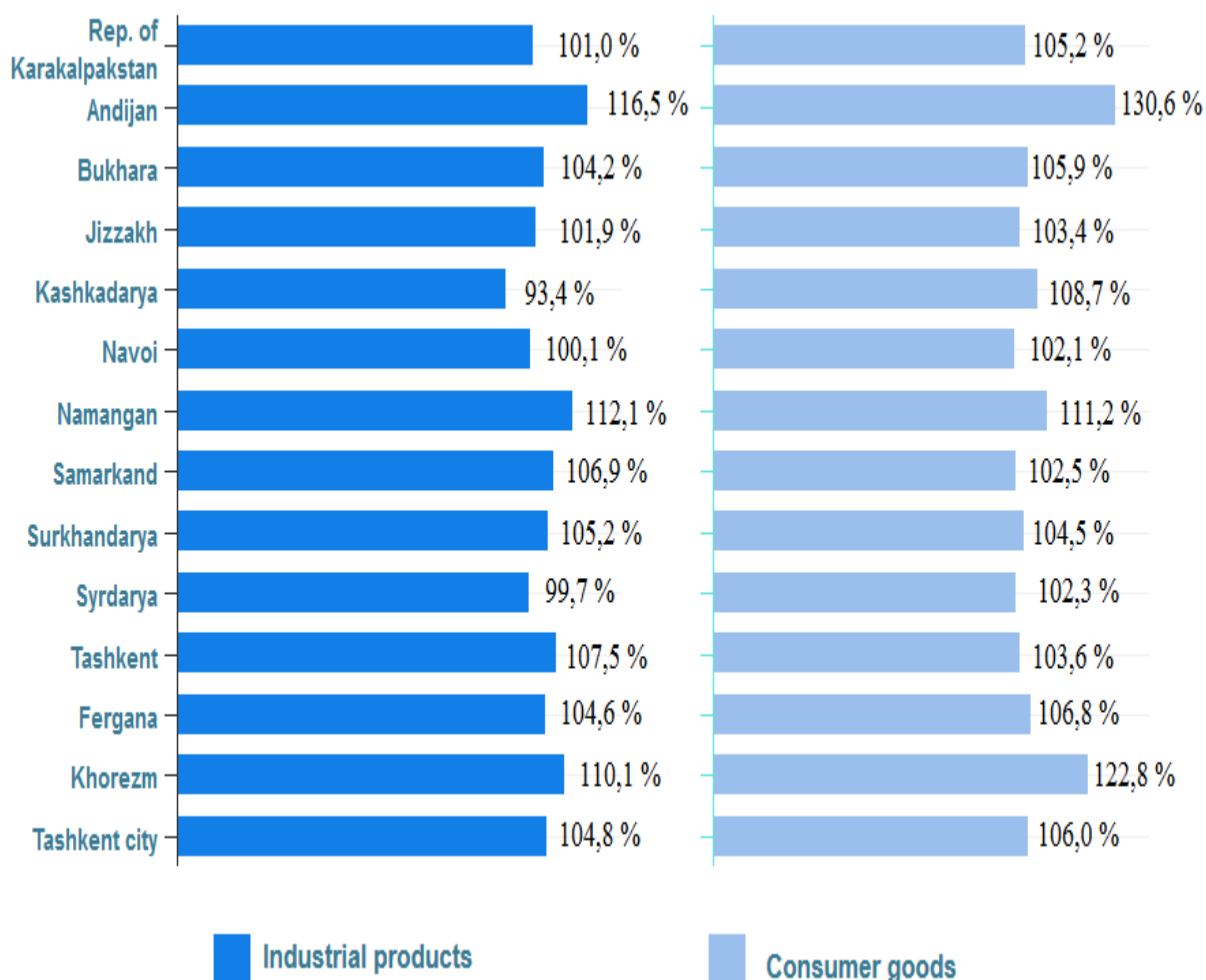
An analysis of the differentiation of industrial output per capita showed an excess of the national average (7,007.9 thousand soums) in the Navoi region (32 129.9 thousand soums), Tashkent city (15,441.7 thousand soums), Tashkent (13 412.0 thousand soums) and Andijan (7 625.5 thousand soums) regions.

¹⁾ Including unallocated volumes by region

**Volume of industrial production and consumer goods per capita by region in
January-September 2019, thousand soums**

	<i>Industrial products</i>	<i>Consumer goods</i>
Republic of Uzbekistan	7007.9	2358.3
Republic of Karakalpakstan	5012.1	868.2
<i>regions:</i>		
Andijan	7625.5	5979.8
Bukhara	5588.3	1909.1
Jizzakh	2532.7	1179.2
Kashkadarya	4444.2	834.9
Navoi	32129.9	2348.7
Namangan	2301.9	1477.9
Samarkand	3053.5	1772.9
Surkhandarya	1112.5	418.4
Syrdarya	5997.1	2245.4
Tashkent	13412.0	2505.3
Fergana	3869.4	1229.1
Khorezm	3330.4	2122.1
Tashkent city	15441.7	6871.1

Production of industrial products and consumer goods per capita by region in January-September 2019 as % compared to January-September 2018



High growth rates of industrial production per capita were observed in Andijan (116.5% compared to January-September 2018), Samarkand (106.9 %), Khorezm (110.1 %) and Tashkent (107.5 %) regions.

At the same time, low growth rates were observed in Kashkadarya (93.4 %), Navoi (100.1 %), Syrdarya (99.7 %) regions and in the Republic of Karakalpakstan (101.0 %).

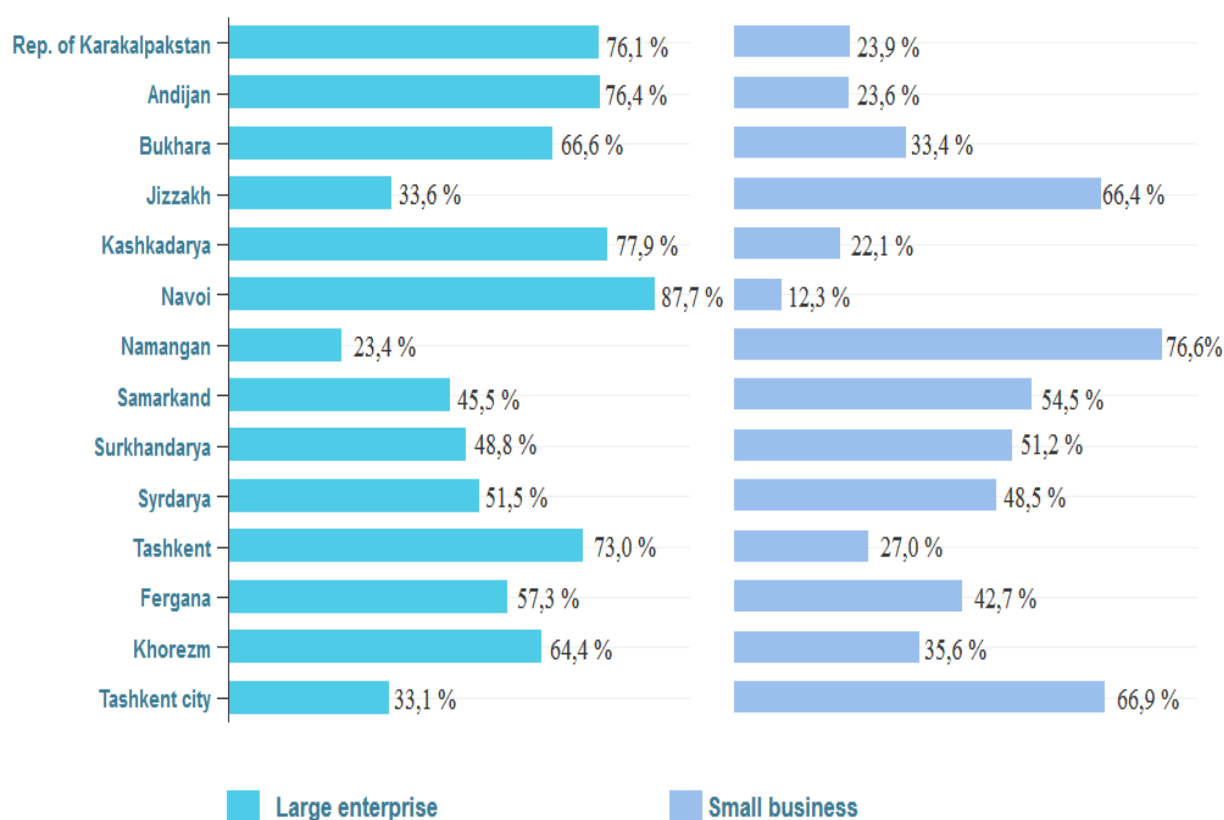
Small business contribution to industrial production

During the reporting period, small businesses produced products worth 80.9 trillion soums.

The share of small business products in total production amounted to 34.5 %.

The share of large and small businesses in the volume of industrial production in the regions, %

(January-September 2019)



In the terms of regions, the largest share of small business was observed in Namangan (76.6% of the total volume of industry in the region), Tashkent (66.9 %), Jizzakh (66.4 %), Samarkand (54.5 %), Surkhandarya (51.2 %), Syrdarya (48.5 %) and Fergana (42.7 %) regions.

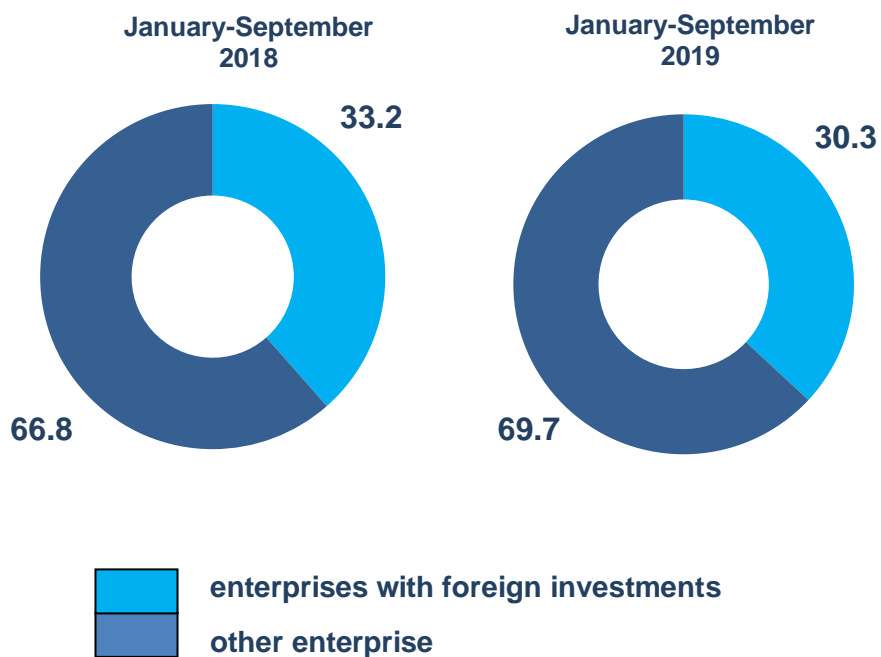
At the same time, the smallest share of small business was noted in Navoi (12.3 %), Kashkadarya (22.1 %), Andijan (23.6%), Tashkent (27.0 %) regions, as well as in the Republic of Karakalpakstan (23.9 %).

Production of enterprises with foreign investments

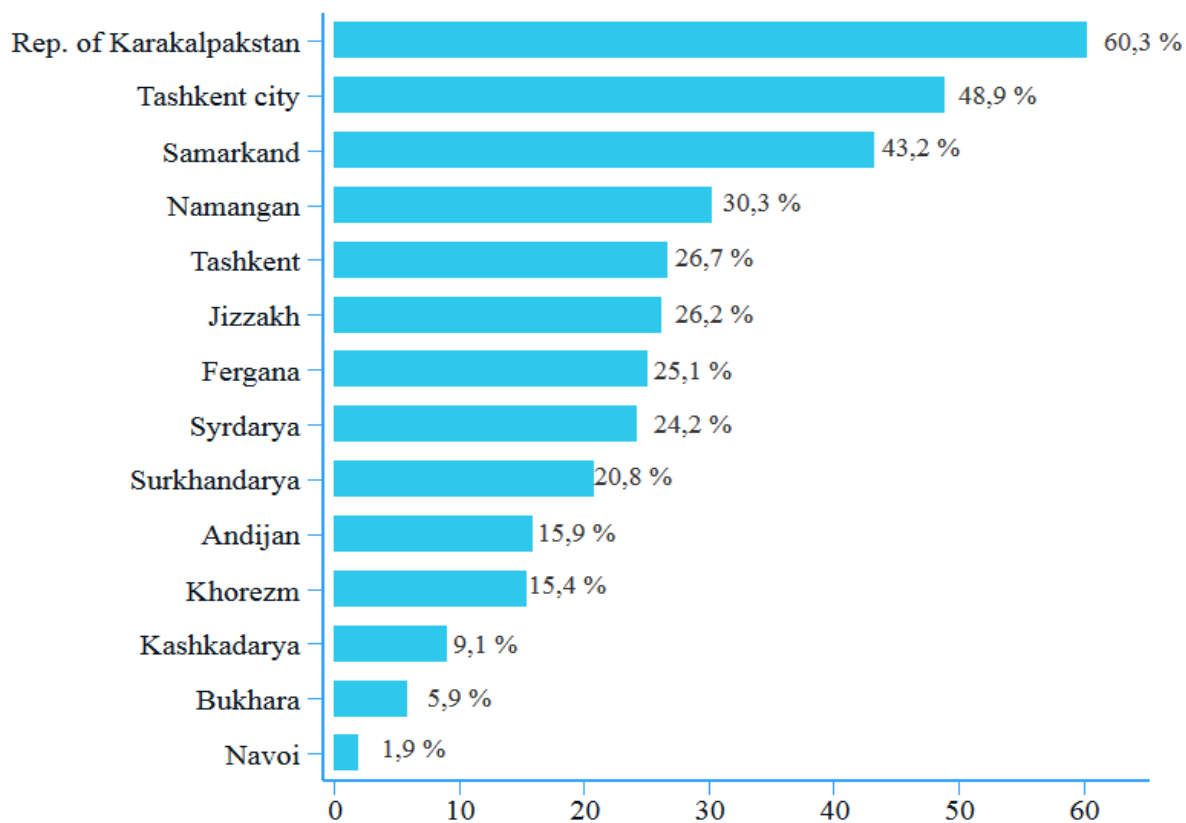
During the reporting period, enterprises with foreign investments produced products worth 71.1 trillion soums.

If in the previous year the share of products of joint ventures in total production was equal to 33.2%, in the reporting period it decreased and reached 30.3 %.

**Share of production of enterprises with foreign investments
in the total volume of industry, %**



**Share of production of enterprises with foreign investments
in the volume of production of regions**



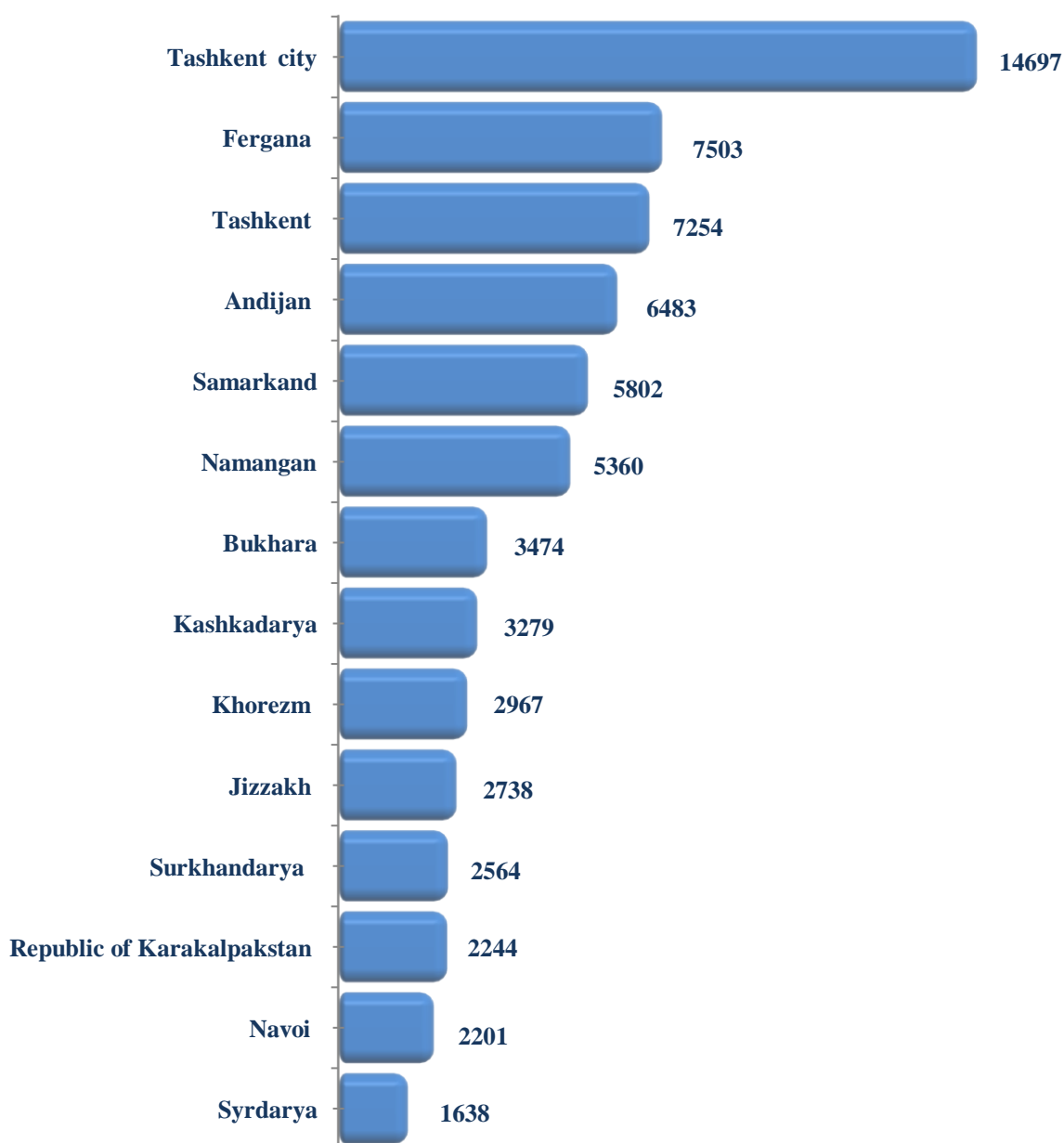
In the total output of joint ventures, the share of mining and quarrying enterprises amounted to 26.5%, manufacturing industry-73.4 %.

Operating and newly established industrial enterprises

To date, 68.6 thousand industrial enterprises operate in the Republic, of which 14.7 thousand (21.4% of the total number of operating enterprises) fall on Tashkent, 7.5 thousand (10.9 %) – Fergana and 7.3 thousand (10.6 %) – Tashkent region.

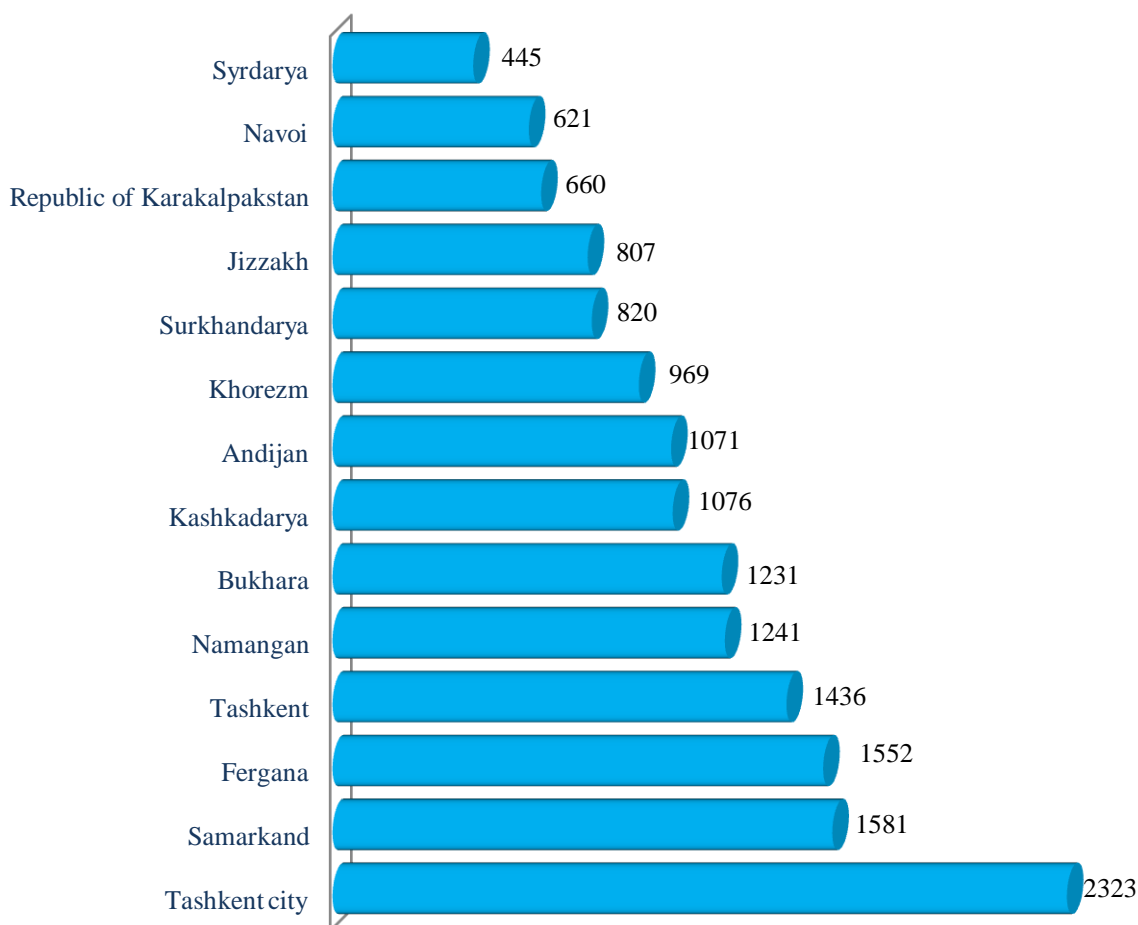
Number of operating industrial enterprises, units.

(as of September 1, 2019)



Number of newly established industrial enterprises, units.

(January-September 2019)



In January-September 2019, 15,841 industrial enterprises were newly established in the Republic, of which 51.3% are in Tashkent, Samarkand, Tashkent, Fergana and Andijan regions.

Implementation of the Localization Program for the production of finished products, components and materials

The development of the republic's industrial production was also facilitated by the implementation of the Localization Program for the Production of Finished Products, Components and Materials, under which products worth 15.4 trillion soums were produced under 775 projects, exported localized products of 433.9 million US dollars, 8524 new jobs were created.

Compared to the same period last year, in January-September 2019, the number of newly created jobs increased by 9 times. Along with it, compared with January-September 2018, there is an increase in the volume of export of localized products.

**Key indicators of the localization program for the production of finished products,
components and materials**

	<i>January-September 2018</i>	<i>January-September 2019</i>
The number of projects, units.	691	775
The number of enterprises, units.	291	307
The volume of production, billion soums	11 011.6	15 381.4
Export of localized products, <i>millions USD</i>	359.6	433.9
Created new jobs, units.	771	8524

Explanation for statistical indicators

The volume of industrial production includes the cost of finished products produced by the enterprise, semi-finished products intended for external sale, to the non-industrial units and capital construction; manufacture of products with a long cycle, the production of which in the reporting period is not completed; works (services) of an industrial nature;

index of change in industrial production - a relative indicator characterizing the change in the physical volume of manufactured products (works, services) in the compared periods;

consumer goods - industrial products used mainly for personal consumption or other purposes not related to profit; the volume of production of consumer goods is calculated in actual prices (excluding VAT and excise tax);

the industrial production volume in physical terms includes products sold or intended for distribution to other enterprises, as well as consumed for the industrial and production needs of the enterprise, i.e. gross output;

grouping of industries according to the degree of technological development is developed on the basis of Eurostat's High-tech classification of manufacturing industries;

localization level - determines the share of used local material, labor and intellectual resources in production; in estimation the level of localization, costs, tax payments and other deductions which do not directly related to the production process are not taken into account;

the volume of products sold is provided at selling prices (excluding VAT and excise tax);

the cost of goods sold for export in national currency is filled taking into account the recosting at the rate of the Central Bank of the Republic of Uzbekistan.