



Agency for Strategic planning and
reforms of the Republic of Kazakhstan
Bureau of National statistics

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Kazakhstan in 2021



Astana 2022

**Agency for Strategic planning and reforms of the Republic of Kazakhstan
Bureau of National statistics**

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Statistical yearbook

Astana 2022

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Bureau of National statistics
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The statistical data on social and economic status of Kazakhstan in 2017-2021 is presented in the present yearbook. It includes tables characterizing the development of Kazakhstan's economy as well as its most important branches and sectors. The statistical yearbook is available on the Internet-resource of the Bureau of National statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz.

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Conventional symbols:

- - it is absent

0.0 – a small quantity

X – data are confidential

... - data are absent

The small discrepancies between total and the sum of summand in some cases can be explained by rounding of data.

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General survey

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1. General survey

1.1 Geographic description of the Republic of Kazakhstan

Capital – Astana city

Territory of the Republic (thousand square km) – 2724.9

Density of the population (inhabitants per 1 square km) – 7

Number of the population as of 01.01.2021, thousand persons – 19122.4

Natural increase of the population (promille per 1000 persons) – 13.9

The largest mountain ranges, m

Khan Taniry Peak (Saryzhaz Range) – 6995

100 years of EGS Peak (Meridional Range) – 6276

Talgar Peak (Ile Alatau) – 4979

Shoktal Mountain (Kungey Alatau) – 4653

Besbatkan Mountain (Zhetysu Alatau) – 4622

Metallurg Mountain (Ile Alatau) - 4600

Muztau Peak (Altai Mountains, Katyn Range) - 4506

Manas Peak (Talas Range) – 4482

Ashutor Mountain (Teriskey Alatau) – 4427

Muztau Mountain (Zhetysu Alatau) - 4370

Komsomol Peak (Ile Alatau) - 4330

The largest lakes, thousand square km

Caspian Sea - 374

Aral Sea (Central Asia) – 41

Balkash - 18.2

The extent of overland state frontier of the Republic, km

Total – 13394

of which with:

the Russian Federation – 7591

the Republic of Uzbekistan – 2354

the Turkmenistan – 426

the Kyrgyz Republic – 1241

the China – 1782

along Caspian Sea - 600

85022 rivers and temporary water streams are on the territory of the Republic

The longest rivers, km

Ertys - 4248

length within the Republic - 1698

Esyl - 2450

length within the Republic - 1400

Zhajik - 2428

length within the Republic - 1082

Syr Darya - 2219

length within the Republic – 1400

The largest region – Karagandy, 428 thousand square km

The largest city - Almaty with number of population – 2024.8 thousand persons

1.2 Administrative-territorial division

as of January 1, 2022

	Territory ¹⁾ , thousand square km	Rayons ²⁾	Cities			Settlements	
			total	the republ- ican sub- ordination	the region- al subordi- nation	village	aul (rural)
Republic of Kazakhstan	2 724.9	184	89	38	48	29	6 293
Akmola	146.1	17	11	3	8	5	589
Aktobe	300.6	14	8	1	7	-	315
Almaty	223.5	17	10	3	7	-	732
Atyrau	118.6	7	2	1	1	-	153
Batys Kazakhstan	151.3	12	2	1	1	3	416
Zhambyl	144.3	10	4	1	3	-	367
Karagandy	428.0	11	11	9	2	10	421
Kostanai	196.0	16	6	4	2	3	517
Kyzylorda	226.0	7	4	2	2	2	230
Mangystau	165.6	5	3	2	1	-	59
Pavlodar	124.8	10	3	3	-	3	352
Soltustik Kazakhstan	98.0	13	5	1	4	-	635
Turkistan	116.1	14	7	3	4	-	824
Shygyz Kazakhstan	283.2	15	10	4	6	3	683
Astana city	0.8	4	1	-	-	-	-
Almaty city	0.7	8	1	-	-	-	-
Shymkent city	1.2	4	1	-	-	-	-

¹⁾ Data of the Committee on land resources management of the Ministry of agriculture of the Republic of Kazakhstan.

²⁾ Including 16 districts in the cities of republican importance and 4 districts in the towns of regional importance.

1.3 Main socio-economic indicators

	2017	2018	2019	2020	2021
Resident population size (end of the year), million persons	18.2	18.4	18.6	18.9	19.1
of which:					
under working age – total	5.3	5.5	5.6	5.8	6.0
males	2.7	2.8	2.9	3.0	3.1
females	2.6	2.7	2.7	2.8	2.9
over working age – total	2.1	2.1	2.1	2.1	2.1
males	0.6	0.6	0.6	0.7	0.7
females	1.5	1.5	1.5	1.4	1.4
Natural increase, decrease (-) of the population:					
thousand persons	261.3	267.3	269.2	265.5	264.1
per 1000 population	14.48	14.63	14.54	14.16	13.89
Employed population, thousand persons	8 585.2	8 695.0	8 780.8	8 732.0	8 807.1
Unemployed population, thousand persons	442.3	443.6	440.7	448.8	449.6
Number of persons registered in employment authorities as unemployed, thousand persons	70.3	91.6	97.5	141.8	97.9
Unemployment rate, percent	4.9	4.9	4.8	4.9	4.9
Estimation of nominal money income of population, average monthly per capita, tenge	83 710	93 135	104 282	116 126	130 616

Continuation

	2017	2018	2019	2020	2021
Money expenditures of population, average monthly per capita ¹⁾ , tenge	46 319	51 198	55 791	59 701	67 440
Accrued average monthly wages and salaries of persons engaged in the economy, tenge	150 827	162 673	186 815	213 003	250 311
Fixed assets of the economy at primary (current) value (end of the year), billion tenge	83 784.4	97 882.4	124 705.8	136 844.7	150 849.6
Gross domestic product by production:					
Total, billion tenge	54 378.9	61 819.5	69 532.6	70 649.0	83 951.6
per capita, thousand tenge	3 014.7	3 382.5	3 755.7	3 766.8	4 417.9
Final consumption expenditures in terms of goods and services, billion tenge	34 326.1	37 350.9	42 700.7	46 448.9	51 946.8 ²⁾
Gross capital formation, billion tenge	14 330.2	15 614.5	19 210.2	20 351.8	21 976.9 ²⁾
Volume of industrial output (goods, services). billion tenge	22 790.2	27 218.1	29 380.3	27 028.5	37 606.2
Agriculture, forestry and fisheries products (services) gross output production, billion tenge	4 092.3	4 497.6	5 177.9	6 334.7	7 549.8
including:					
Gross output of plant-growing	2 249.2	2 411.5	2 817.7	3 687.3	4 387.2
Gross output of animal husbandry	1 810.9	2 050.5	2 319.5	2 637.5	3 117.0
Services in the sphere of agriculture	10.8	12.1	14.0	9.9	11.2
Volume of products (services) in the hunting economy	0.9	1.0	1.1	1.1	1.2
Volume of products (services) in forestry	12.7	13.2	15.1	15.8	18.9
Volume of products (services) in fisheries and aquaculture	7.8	9.3	10.6	12.4	14.3
Investments to the fixed capital, billion tenge	8 770.6	11 179.0	12 576.8	12 270.1	13 242.2
Commissioning of fixed assets, billion tenge	7 891.7	21 798.3	7 710.0	7 966.2	16 910.0
Total space of dwellings put into operation, thousand square meter	11 168	12 521	13 125.8	15 331.9	5 530.7
Volume of the done construction works, billion tenge	3 509.3	3 863.0	4 431.7	4 934.1	607.7
Freight turnover by all modes of transport, billion tons/km	564.0	609.5	597.6	584.0	107.8
Passenger turnover by all modes of transport, billion p-km	273.2	281.5	295.5	108.7	13 709.3
Volume of retail trade, billion tenge	8 892.9	10 045.8	11 327.6	11 729.9	
Receipts of the state budget					15 847.4
billion tenge	11 567.7	10 808.6	12 758.5	14 521.2	18.9
in percents of GDP	21.3	17.5	18.3	20.6	
Expenditure of the state budget					17 951.9
billion tenge	12 485.4	11 346.1	13 535.6	16 725.1	21.4
percents of GDP	23.0	18.4	19.5	23.7	
Deficit of the state budget					-2 534.8
billion tenge	-1 455.3	-833.1	-1 285.3	-2 806.2	-3.0
in percent of GDP	-2.7	-1.3	-1.8	-4.0	30 099.3
Money supply (end of the year), billion tenge	19 456.3	20 813.4	21 322.1	24 917.8	18 497.7
Credit investment in the economy (end of the year), billion tenge	12 705.4	13 091.8	13 864.9	14 623.1	
among which:					2 467.2
short-term	1 904.4	1 987.6	2 041.5	2 128.7	16 030.5

Continuation

	2017	2018	2019	2020	2021
long-term ³⁾	10 801.0	11 104.2	11 823.4	12 494.4	33 237.9
External trade turnover with the CIS countries, million US dollars ⁴⁾	22 430.9	25 602.2	27 374.3	25 200.3	
of which:					12 493.5
Exports	8 298.9	9 568.3	10 109.5	9 151.3	20 744.4
Imports	14 132.0	16 033.9	17 264.8	16 049.0	68 498.5
External trade turnover with then non-CIS countries, million US dollars ⁴⁾	55 672.0	69 167.5	70 400.6	61 269.6	
of which:					47 827.5
Exports	40 204.4	51 542.9	47 956.1	38 389.5	20 671.0
Imports	15 467.6	17 624.6	22 444.5	22 880.1	109.4
Consumer price index (December to December of the previous year, percent)	107.1	105.3	105.4	107.5	146.1
Producer price index for industrial output (December to December of the previous year, percent)	117.6	112.4	101.4	95.8	117.3
Price index for agricultural output (December to December of the previous year, percent)	102.6	107.8	115.9	115.3	108.8
Freight tariff index (December to December of the previous year, percent)	106.8	131.1	103.0	102.8	105.7
Price index for capital investments in construction (December to December of the previous year, percent)	105.0	103.9	101.6	99.7	105.7

¹⁾ According to the data of a sample survey of 12000 households.²⁾ Preliminary data.³⁾ More than 1 year.⁴⁾ Data are based on customs statistics excluding non-organized trade.

1.4 Indexes of the main socio-economic indicators

as percent of previous year

	2017	2018	2019	2020	2021
Population size (end of the year)	101.3	101.3	101.3	101.3	101.3
Employed population	100.4	101.3	101.0	99.4	100.9
Unemployed population	99.3	100.3	99.3	101.8	100.2
Average monthly nominal earnings of one employee	105.5	107.9	114.8	114.0	117.5
Fixed assets of the economy (by the end of year)	108.6	116.8	127.4	109.7	110.2
Gross domestic product	104.1	104.1	104.5	97.5	104.3
Final consumption expenditures	101.6	102.7	107.4	99.1	103.81)
Industrial output	107.3	104.4	104.1	99.5	103.6
Agriculture, forestry and fisheries products (services) gross output	103.1	103.5	99.9	105.7	97.8
including:					
plant-growing	102.2	103.2	96.4	107.8	93.4
animal husbandry	103.9	103.9	104.0	103.1	103.6
services in agriculture	100.0	105.8	109.2	100.0	101.5
products (services) in the hunting economy	81.6	100.7	99.4	96.1	99.2
products (services) in forestry	132.1	102.2	98.9	104.3	118.1

Continuation

	2017	2018	2019	2020	2021
products (services) in fisheries and aquaculture	111.0	111.6	107.2		112.1
Fixed capital investment	105.8	117.5	108.8	96.1	103.7
Volume of construction works	102.8	104.6	113.2		108.3
Total space of dwellings put into operation	106.2	112.1	104.8	116.8	110.3
Freight turnover by all modes of transport	108.7	108.1	98.0	97.7	104.1
Passenger turnover by all modes of transport	102.4	103.0	105.0	35.8	99.1
Retail trade	102.7	105.7	105.9	96.8	107.8
External trade turnover with the CIS countries ²⁾	126.8	114.1	106.9	92.1	131.9
External trade turnover with the non-CIS countries ²⁾	125.3	124.2	101.8	87.0	111.8

¹⁾ Preliminary data.²⁾ Nominal indices.

1.5 Main socio-economic indicators of the development of regions of the Republic of Kazakhstan

2021 as percent of 2020

	Volume of industrial output	Agri-cultural output	Fixed capital investment	Freight transportation by all modes of transport*	Retail trade turnover by all channels of sales	Consumer price index	Producer price index of industrial output	Unemployment rate, percent	Index of nominal earnings
Republic of Kazakhstan	103.6	97.7	103.7	101.7	107.8	108.0	132.5	4.9	117.5
Akmola	108.1	88.9	113.1	98.1	100.3	108.2	105.5	4.9	120.6
Aktobe	102.4	96.9	120.8	94.0	107.2	108.4	119.4	4.8	119.0
Almaty	111.9	101.3	102.8	107.9	101.3	107.8	107.5	4.8	123.3
Atyrau	102.8	105.8	88.4	108.3	102.3	108.3	151.7	4.9	110.4
Batys Kazakhstan	92.6	104.3	85.7	98.8	112.2	107.9	98.4	4.9	115.9
Zhambyl	106.0	101.4	110.2	102.7	103.6	108.0	106.8	4.9	124.9
Karagandy	100.9	101.9	110.5	102.5	101.8	108.4	137.9	4.5	118.1
Kostanai	110.6	84.0	122.5	98.6	107.1	107.9	131.8	4.8	117.9
Kyzylorda	101.8	100.7	102.6	112.4	102.6	107.9	158.8	4.9	119.4
Mangystau	98.3	104.3	104.0	96.7	114.0	109.0	155.1	4.9	110.0
Pavlodar	102.5	111.5	111.7	96.8	101.9	108.1	119.3	4.8	117.5
Soltustik Kazakhstan	107.2	87.8	110.5	97.8	114.9	107.9	111.9	4.9	119.1
Turkistan	105.6	101.8	90.2	102.7	110.3	108.3	104.2	5.1	123.0
Shygy									
Kazakhstan	100.1	105.6	109.5	98.1	108.9	108.2	120.1	4.8	118.1
Astana city	115.6	84.8	104.7	110.0	113.3	107.7	108.0	4.6	113.9
Almaty city	125.3	92.8	115.1	108.3	109.4	107.6	109.5	5.2	119.4
Shymkent city	105.2	101.9	160.5	101.6	111.2	107.8	111.0	5.0	120.1

2

Socio-demographic indicators



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2. Socio-demographic indicators



Demographic statistics

Population's current estimates relating to periods between censuses are produced on the basis of the results of the population census, plus an annual number of births and arrivals in the given territory, minus deaths and departures from the given territory.

Population is broken down into urban and rural considering its place of residence: those estimates include also the so-called urban settlements which are treated by law as urban units (towns, urban settlements, working and health resort settlements). All other settlements are considered to be rural.

Data on the total number of inhabitants as well as data relating to the age and sex structure of population are based on estimates of resident population covering permanent residents of the given territory, including temporary absentees at the census date.

Ethnicity was recorded according to the respondents report in census, and the ethnicity of children was determined by their parents.

The registration of vital events including births, deaths, marriages and divorces is based on vital records filed in civil register offices: tabulation of vital events, results from regular

records containing data compiled from a continuous and permanent registration system covering those vital events (births, deaths, marriages and divorces). Only live-births are recorded.

National increase is the difference between live births and deaths in a certain year.

Age-specific birth rates characterize birth of women in each age group per 1000 women. The lower and upper bounds of reproductive age are usually taken as 15 years and 49 years respectively. Births to women under the age of 15 years and to women over the age of 49 years are included in this lower and upper bounds.

Age-specific death rates characterize average death rates for each age group.

Life expectancy at birth is a mean number of years to be lived by a person from a hypothetical cohort, assuming the mortality level for each age remains the same as in the years for which the rate is computed.

Data related to the migration of population are based on information received from coupons of statistical records of arrival and departure coming from the territorial divisions of the migration service of Ministry of internal affairs.

2.1 Main demographic indicators

	2017	2018	2019	2020	2021
Total population size, end of the year, thousand persons	18 157.3	18 395.6	18 631.8	18 879.5	19 122.4
of which:					
urban	10 509.8	10 698.2	10 938.7	11 151.4	11 353.9
rural	7 647.5	7 697.4	7 693.1	7 728.1	7 768.6
Out of total population at the age:					
under working age	5 340.7	5 493.0	5 636.8	5 789.5	5 956.0
of working age	10 762.0	10 759.9	10 874.7	11 009.4	11 031.0
over working age	2 054.7	2 142.7	2 120.4	2 080.6	2 135.4
Life expectancy at birth, years:					
total population	72.95	73.15	73.18	71.37	70.23
males	68.72	68.84	68.82	67.09	66.33
females	76.92	77.19	77.30	75.53	74.03
Per 1000 population:					
births	21.64	21.77	21.73	22.76	23.50

Continuation

	2017	2018	2019	2020	2021
deaths	7.15	7.14	7.19	8.60	9.61
the deceased children under 1 year (per 1000 births)	7.93	8.03	8.37	14.16	13.89
Natural increase	14.48	14.63	14.54	6.87	7.38
Number of marriages	7.86	7.54	7.54	2.56	2.54
Number of divorces	3.03	3.00	3.23	7.77	8.44
Migration growth of population	-22.0	-29.1	-33.0	-17.7	-21.2

2.2 Fertility, mortality and natural increase of population

	Total, thousand persons			Per 1000 population		
	births	deaths	natural increase	births	deaths	natural increase
Total population						
2017	390.3	129.0	261.3	21.64	7.15	14.48
2018	397.8	130.4	267.4	21.77	7.14	14.63
2019	402.3	133.1	269.2	21.73	7.19	14.54
2020	426.8	161.3	265.5	22.76	8.60	14.16
2021	446.5	182.4	264.1	23.50	9.61	13.89
Urban population						
2017	229.1	77.0	152.1	21.99	7.39	14.60
2018	235.0	79.2	155.8	22.16	7.47	14.70
2019	239.5	81.6	157.9	22.09	7.53	14.56
2020	249.6	100.5	149.1	22.60	9.10	13.50
2021	262.5	116.1	146.4	23.34	10.33	13.01
Rural population						
2017	161.1	52.0	109.1	21.15	6.83	14.32
2018	162.8	51.3	111.5	21.22	6.68	14.53
2019	162.8	51.6	111.3	21.22	6.72	14.50
2020	177.2	60.8	116.4	22.98	7.89	15.09
2021	184.0	66.3	117.7	23.75	8.57	15.18

2.3 Age-specific birth rates

	2017	2018	2019	2020	2021
Average annual live – births per 1000 females at the age of, years:					
Under 20 years old ¹⁾	24.93	24.28	23.20	22.92	23.80
20-24	159.04	160.62	166.31	170.39	180.28
25-29	159.38	161.41	172.71	186.88	201.51
30-34	118.21	125.05	124.23	136.86	142.95
35-39	69.18	72.39	74.50	84.44	90.52
40-44	17.96	18.71	20.28	22.92	24.55
45-49	0.90	0.91	1.03	1.15	1.36
15-49	85.93	87.64	88.63	93.94	98.07
Total birth rate ²⁾	2.75	2.82	2.89	3.13	3.32

¹⁾ The number of woman aged 15-19 was taken conventionally.

²⁾ The average number of children a woman gives birth to in her life.

2.4 Number of children of the third or more order of birth

	2017	2018	2019	2020	2021
Total, thousand	390.3	397.9	402.3	426.8	446.5
of which by women given birth to the third or more child, thousand	158.4	169.2	184.5	207.1	218.7
in total number of births, percent	40.6	42.5	42.5	48.5	49.0

2.5 Life expectancy at birth

years

	2017	2018	2019	2020	2021
Both sexes	72.95	73.15	73.18	71.37	70.23
Males	68.72	68.84	68.82	67.09	66.33
Females	76.92	77.19	77.30	75.53	74.03

2.6 Number of extramarital births

	2017	2018	2019	2020	2021
Thousand persons					
Total population	50.7	49.5	48.8	52.0	50.8
urban population	30.6	30.1	30.5	32.2	32.0
rural population	20.1	19.4	18.3	19.8	18.8
Percent of total live births					
Total population	12.96	12.46	12.14	12.18	11.38
urban population	13.38	12.87	12.74	12.88	12.18
rural population	12.37	11.87	11.26	11.20	10.24

2.7 Age-specific death rates

deaths per 1000 population of the corresponding age group

	2017	2018	2019	2020	2021
Total deaths of males	7.92	7.96	8.05	9.55	10.28
of which at the age of, years:					
under 1 year	8.74	9.25	9.37	8.89	9.01
1-4	0.62	0.61	0.69	0.53	0.55
5-9	0.31	0.33	0.34	0.26	0.29
10-14	0.35	0.37	0.36	0.31	0.36
15-19	0.78	0.82	0.75	0.69	0.78
20-24	1.31	1.27	1.28	1.15	1.23
25-29	1.73	1.68	1.59	1.45	1.63
30-34	2.62	2.51	2.52	2.50	2.50
35-39	4.15	3.86	3.95	3.91	3.89
40-44	5.76	5.64	5.93	6.48	6.49
45-49	7.78	7.64	8.04	8.93	9.24
50-54	10.83	10.90	10.90	12.70	13.19
55-59	16.38	16.65	16.30	19.24	19.77
60-64	26.47	25.98	26.16	31.20	32.30
65-69	40.25	40.67	39.53	48.11	53.12

Continuation

	2017	2018	2019	2020	2021
70-74	56.42	53.47	55.53	74.42	84.21
75-79	86.12	84.30	83.00	103.19	114.44
80-84	121.75	122.89	124.29	157.82	181.86
85 and older	184.02	185.58	180.15	222.89	235.06
Total deaths of females	6.44	6.38	6.38	7.71	8.96
of which at the age of, years:					
under 1 year	7.06	6.74	7.3	7.04	7.78
1-4	0.52	0.45	0.5	0.40	0.40
5-9	0.25	0.2	0.21	0.18	0.20
10-14	0.24	0.2	0.21	0.18	0.24
15-19	0.43	0.4	0.42	0.36	0.44
20-24	0.52	0.48	0.52	0.50	0.57
25-29	0.62	0.6	0.57	0.58	0.70
30-34	0.96	0.85	0.88	0.95	0.97
35-39	1.6	1.54	1.46	1.55	1.67
40-44	2.23	2.1	2.17	2.45	2.71
45-49	3.08	3.2	3.13	3.76	4.04
50-54	4.33	4.35	4.11	5.44	5.69
55-59	6.74	6.82	6.39	8.10	8.80
60-64	10.68	10.7	10.59	13.65	15.86
65-69	17.7	17.24	17.08	21.50	26.43
70-74	27.23	26.83	27.41	34.81	44.48
75-79	51.45	50.05	49.37	59.79	69.66
80-84	87.3	85.63	86.31	104.66	119.79
85 and older	201.53	198.65	195.57	216.07	237.84

2.8 Number of marriages and divorces, general rates of marriages and divorces

	2017	2018	2019	2020	2021
Thousand					
Marriages	141.8	137.8	139.5	128.8	140.3
Divorces	54.6	54.8	59.8	48.0	48.2
Per 1000 population					
Marriages	7.86	7.54	7.54	6.87	7.38
Divorces	3.03	3.00	3.23	2.56	2.54

2.9 International migration

persons

	2017			2018		
	immigrants	emigrants	balance	immigrants	emigrants	balance
Total	15 595	37 725	-22 130	12 747	41 868	-29 121
of which:						
to the CIS countries	11 292	33 718	-22 426	10 055	37 736	-27 681
Azerbaijan	194	24	170	269	28	241
Armenia	70	1	69	72	4	68
Belarus	123	289	-166	113	343	-230

Continuation

	2017			2018		
	immigrants	emigrants	balance	immigrants	emigrants	balance
Kyrgyzstan	662	195	467	497	204	293
Moldova	7	9	-2	13	14	-1
Russia	4 346	32 874	-28 528	3 901	36 778	-32 877
Tajikistan	245	20	225	233	10	223
Turkmenistan	382	2	380	366	1	365
Uzbekistan	4 972	197	4 775	4 385	245	4 140
Ukraine	291	107	184	206	109	97
to the non - CIS countries	4 303	4 007	296	2 692	4 132	-1 440
Germany	225	2 966	-2 741	213	2 685	-2 472
Israel	69	3	66	50	9	41
Canada	19	124	-105	25	137	-112
Mongolia	34	126	-92	16	128	-112
Turkey	293	8	285	255	16	239
USA	102	57	45	143	52	91
Greece	101	285	-184	106	338	-232
Georgia	12	11	1	6	10	-4
Latvia	3	6	-3	4	1	3
Lithuania	11	5	6	1	7	-6
Estonia	2	1	1	0	2	-2
Other countries	3 432	415	3 017	1 873	747	1 126

Continuation

	2019			2020		
	immigrants	emigrants	balance	immigrants	emigrants	balance
Total	12 255	45 225	-32 970	11 370	29 088	-17 718
of which:						
to the CIS countries	9 401	40 927	-31 526	8 277	25 747	-17 470
Azerbaijan	199	39	160	176	32	144
Armenia	34	6	28	23	2	21
Belarus	75	355	-280	42	234	-192
Kyrgyzstan	374	177	197	465	85	380
Moldova	15	6	9	9	3	6
Russia	3 378	39 774	-36 396	3 599	25 126	-21 527
Tajikistan	172	5	167	150	2	148
Turkmenistan	879	44	835	1 189	-	1 189
Uzbekistan	4 174	440	3 734	2 554	192	2 362
Ukraine	101	81	20	70	71	-1
to the non - CIS countries	2 854	4 298	-1 444	3 093	3 341	-248
Germany	230	2 803	-2 573	175	2 249	-2 074
Israel	43	3	40	99	8	91
Canada	12	150	-138	9	61	-52
Mongolia	18	82	-64	21	111	-90
Turkey	270	11	259	147	3	144
USA	136	83	53	312	53	259
Greece	83	273	-190	72	247	-175
Georgia	3	5	-2	3	9	-6

Continuation

	2019			2020		
	immigrants	emigrants	balance	immigrants	emigrants	balance
Latvia	0	3	-3	-	-	-
Lithuania	5	2	3	-	-	-
Estonia	1	1	0	-	-	-
Other countries	2 053	882	1 171	2 255	600	1 655

Continuation

	2021		
	immigrants	emigrants	balance
Total	11 039	32 256	-21 217
of which:			
to the CIS countries	9 435	27 505	-18 070
Azerbaijan	377	47	330
Armenia	57	-	57
Belarus	70	288	-218
Kyrgyzstan	561	122	439
Moldova	9	39	-30
Russia	3 456	26 717	-23 261
Tajikistan	269	3	266
Turkmenistan	347	-	347
Uzbekistan	4 184	187	3 997
Ukraine	105	102	3
to the non - CIS countries	1 604	4 751	-3 147
Germany	183	3 138	-2 955
Israel	95	4	91
Canada	10	165	-155
Mongolia	28	101	-73
Turkey	110	14	96
USA	217	97	120
Greece	62	338	-276
Georgia	2	21	-19
Latvia	-	-	-
Lithuania	-	-	-
Estonia	-	-	-
Other countries	897	873	24

2.10 Migrants by nationality in 2021

persons

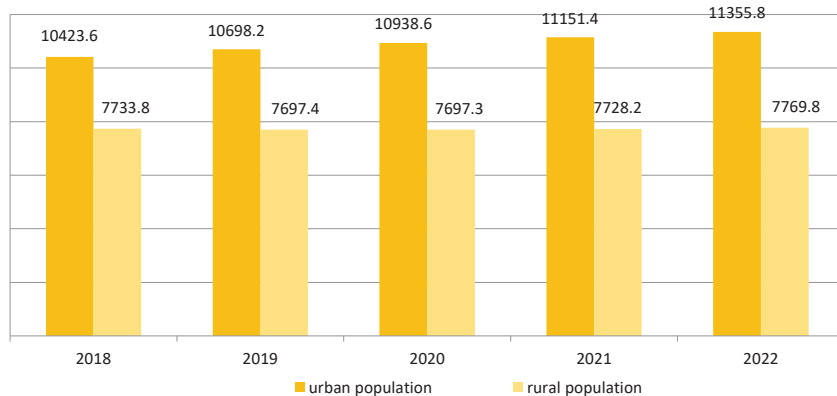
	Immigration	Emigration	Balance	In percent	
				immigration	emigration
Total	767 549	788 766	-21 217	100.0	100.0
of which:					
Kazakhs	628 731	625 953	2 778	81.9	79.4
Russians	61 115	80 380	-19 265	8.0	10.2
Ukrainians	8 171	10 233	-2 062	1.1	1.3
Germans	5 336	8 206	-2 870	0.7	1.0

Continuation

	Immigration	Emigration	Balance	In percent	
				immigration	emigration
Belarusians	1 689	2 080	-391	0.2	0.3
Koreans	4 629	4 607	22	0.6	0.6
Other nationalities	57 878	57 307	571	7.5	7.3
Internal migration	319 625	319 625	0	100.0	100.0
of which:					
Kazakhs	271 611	271 611	0	85.0	85.0
Russians	17 809	17 809	0	5.6	5.6
Ukrainians	2 182	2 182	0	0.7	0.7
Germans	1 486	1 486	0	0.5	0.5
Belarusians	445	445	0	0.1	0.1
Koreans	1 983	1 983	0	0.6	0.6
Other nationalities	24 109	24 109	0	7.5	7.5
Migration to the CIS countries	9 435	27 505	-18 070	100.0	100.0
of which:					
Kazakhs	3 767	974	2 793	39.9	3.5
Russians	2 363	20 414	-18 051	25.0	74.2
Ukrainians	266	2 161	-1 895	2.8	7.9
Germans	114	1 202	-1 088	1.2	4.4
Belarusians	44	395	-351	0.5	1.4
Koreans	142	133	-	1.5	0.5
Other nationalities	2 739	2 226	513	29.0	8.1
Migration to the non - CIS countries	1 604	4 751	-3 147	100.0	100.0
of which:					
Kazakhs	623	638	-15	38.8	13.4
Russians	178	1 392	-1 214	11.1	29.3
Ukrainians	20	187	-167	1.2	3.9
Germans	63	1 845	-1 782	3.9	38.8
Belarusians	3	43	-40	0.2	0.9
Koreans	65	52	13	4.1	1.1
Other nationalities	652	594	58	40.6	12.5

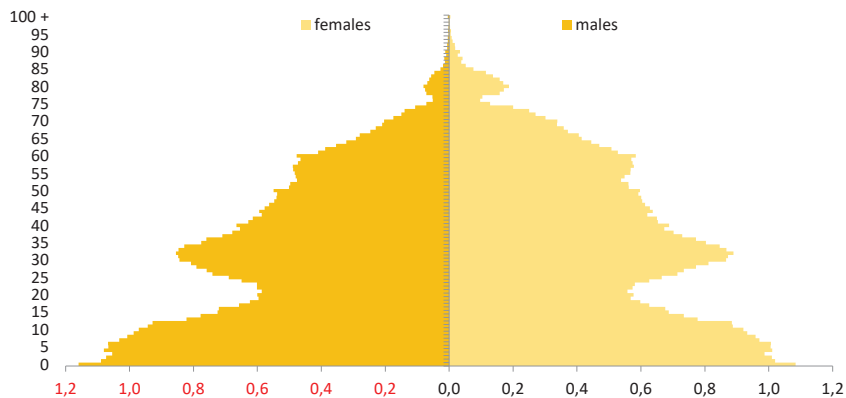
Population size

at the beginning of the year, thousand



Population pyramid

at the beginning of 2022





Public health statistics

The section contains the data on the network, medical activities, personnel of the medical institutions, some groups of diseases as well as social protection of population.

The total number of physicians includes all the physicians with the higher medical education by the end of the year engaged in the medical treatment and sanitary organizations, social protection institutions, scientific-research institutions, personnel training institutions, in the apparatus of the public health bodies, etc.

The total number of paramedical personnel includes the persons with the secondary medical education (including dentists), who is engaged in the medical treatment, sanitary organizations, social protection institutions, preschool institutions, schools, children's homes.

Subject to the record in the hospitals are the beds by the end of the year, which are equipped with the required appliances and which are ready for laying the patients, irrespective of whether these beds are occupied by the patients or not.

The medical institutions rendering out-patient services to the population include all medical institutions which provide the out-patient services (polyclinics, out-patient clinics,

dispensaries, out-patient departments of the hospitals, health centers, etc.)

Morbidity rate is calculated as the ratio of the number of patients with the diagnosis set for the first time and average annual number of resident population.

International Classification of diseases, Rev. 10, is used for statistical comparisons of data on morbidity and mortality.

The disabled person is the person who needs social assistance and protection in connection with restriction of the vital activity in consequence of physical or medical deterioration.

Restriction of vital activity finds its expression in full or partial loss of ability to move, to orient, to communicate, to control the behavior as well as loss of working ability.

The first registration of disability means the determination of physical disability for the first time in the reference year.

Nursing and care house for the aged people and disabled persons (for adults and children) is a medical and social institution intended for permanent residence for disabled and aged people who need care and medical service.

2.11 Main indicators of the development of public health*

end of the year

	2017	2018	2019	2020	2021
Number of physicians of all specialities:					
thousand persons	72.1	72.9	74.0	76.4	78.2
per 10000 population	39.7	39.6	39.7	40.5	40.9
Number of paramedical personnel:					
thousand persons	175.2	175.7	179.8	185.8	188.8
per 10000 population	96.5	95.5	96.5	98.4	98.7
Number of hospitals	853	788	749	773	773
Number of hospital beds, thousand	99.5	96.2	96.3	127.5	125.0
per 10000 population	54.8	52.3	51.7	67.9	65.4
Number of medical institutions rendering out-patient and dispensary aid to the population	3 273	3 237	3 213	3 169	3 296
Number of female's (women's) consultation divisions	145	181	197	236	222
Number of beds for pregnant women and women in childbirth, thousand	8.4	8.5	8.5	8.2	8.0
Number of hospital beds for sick children, thousand	18.5	18.7	19.4	20.9	22.4

* There and further data of Ministry Health of the Republic of Kazakhstan.

2.12 Morbidity with active tuberculosis

	2017	2018	2019	2020	2021
Number of sick persons with the diagnosis set for the first time					
total, thousand persons	9.4	8.8	8.4	6.7	6.8
per 100000 population	52.2	48.2	45.6	35.7	35.9
of which with the tuberculosis of respiratory organs					
total, thousand persons	8.1	7.7	7.3	5.8	6.0
per 100000 population	45.1	42.2	39.6	31.1	31.4
Number of patients under surveillance of diseases in prevention institution					
total, thousand persons	16.2	14.7	13.9	11.4	10.2
per 100000 population	89.7	80.4	75.0	60.8	53.6

2.13 Morbidity caused by alcoholism and drug addiction

per 100 000 population

	2017	2018	2019	2020	2021
Number of sick persons with the diagnosis set for the first time, persons:					
psychic and behavioural dysfunctions caused by use of psychoactive substances, total	109.2	105.3	86.2	75.7	70.4
of which:					
psychic and behavioural dysfunctions caused by use of alcohol	86.6	84.4	69.4	62.3	58.1
psychic and behavioural dysfunctions caused by use of opioids	3.6	3.0	2.4	1.8	1.9
psychic and behavioural dysfunctions caused by use of cannabinoids (hemp)	14.7	13.5	9.9	8.0	6.4
psychic and behavioural dysfunctions caused by use of volatile solvents	0.4	0.2	0.4	0.3	0.2
Number of patients under surveillance of disease in prevention institutions:					
psychic and behavioural dysfunctions caused by use of psychoactive substances, total	753.1	685.8	656.6	611.5	581.1
of which:					
psychic and behavioural dysfunctions caused by use of alcohol	614.3	560.7	537.4	503.4	482.7
psychic and behavioural dysfunctions caused by use of opioids	63.5	53.8	48.4	42.5	37.2
psychic and behavioural dysfunctions caused by use of cannabinoids (hemp)	47.0	42.5	41.6	36.8	33.8
psychic and behavioural dysfunctions caused by use of volatile solvents	1.4	1.2	1.2	1.1	0.9

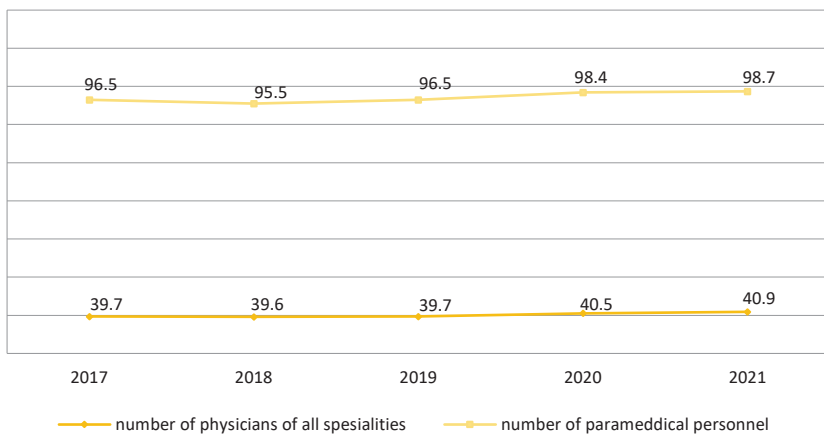
2.14 Nursing and care houses for disabled and aged people

end of the year

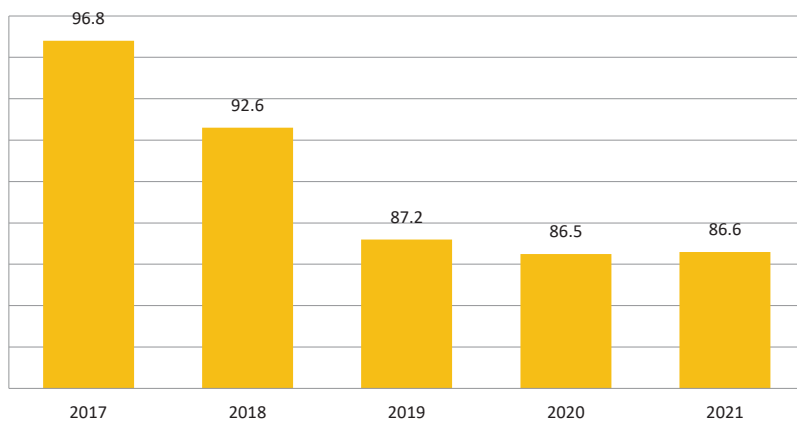
	2017	2018	2019	2020	2021
Number of nursing and care houses for aged people and disabled persons-adults	99	99	103	103	104
in them:					
number of places, thousand	20.1	20.7	21.5	21.3	21.3
number of residents, thousand persons	19.2	19.7	20.0	20.5	20.6
Number of nursing and care houses for children recognized as disabled	22	23	23	21	21
in them:					
number of places, thousand	2.6	2.7	2.7	2.6	2.5
number of residents, thousand persons	2.1	2.1	2.0	2.1	2.0
Total number of places at care houses for aged and disabled people, thousand	22.7	23.4	24.2	23.9	23.8

Number of physicians of all specialties and paramedical personnel

per 10000 population, persons



Number of diseases per 100 children at the age of 0-14 years old





Education statistics

The section includes data on public and non-public educational institutions: pre-school organizations, general education schools, vocational education institutions, colleges and higher education institutions.

Permanent pre-school organizations (which function not less than 10 months in a year) provide care, nursing, improvement of sanitary conditions, upbringing, and training of children aged from 1 to 6(7) years.

General education schools are educational institutions implementing educational programs related to the primary, basic and secondary general education. General education schools are the main units of continuous education. General education schools in statistical reports

are grouped by following types: primary, basic, secondary, for children with mental and physical deficiency, advanced schools, gymnasiums, lyceums.

Vocational education institutions (vocational schools, lyceums) are educational institutions implementing vocational programs directed to advanced personnel training (of workers, employees) by various labor activities.

Colleges are educational institutions implementing educational programs of preparation of specialists with the secondary specialized education.

Nonpublic educational institutions (schools, colleges, universities) cover licensed higher educational institutions.

2.15 Main indicators of education

	2017	2018	2019	2020	2021
Number of state pre-school organizations (at the end of the year)	6 770	6 565	6 284	6 080	5 898
children in them, thousand pupils ¹⁾	604.2	573.5	541.1	505.6	498.1
as percent of the number of children of the corresponding age	26.2	24.7	23.1	16.0	15.5
Share of children attending pre-school institutions in total number of children (children per 100 places)	96.1	105.9	90.2	89.6	89.5
Number of state general education day-time schools (at the beginning of the year) ²⁾	7 047	7 014	6 975	6 957	6 942
enrollment, thousand pupils ¹⁾	2 972.3	3 105.3	3 242.3	3 368.7	3 436.6
Number of state evening (multiple shift) general education schools	75	74	69	70	69
enrollment, thousand pupils ¹⁾	11.7	10.3	10.0	9.2	9.5
Number of state colleges	454	451	427	424	420
enrollment:					
thousand persons	281.9	281.8	274.7	269.9	268.3
per 10000 population	155.3	153.2	147.4	143.0	140.3
Pupils admitted to the state colleges, thousand persons	101.2	98.4	91.2	94.0	95.2
Graduates of state colleges:					
thousand pupils	85.4	85.2	86.1	85.6	85.6
per 10000 population	47.0	46.3	46.2	45.4	44.8
Number of state higher education institutions	47	45	41	33	29
enrollment of students:					
thousand persons	227.7	245.9	241.1	180.5	127.1
per 10000 population	125.4	133.7	129.4	95.6	66.5

Continuation

	2017	2018	2019	2020	2021
Students admitted to the state higher education institutions, thousand persons	68.00	82.2	71.6	47.1	38.5
Graduates of state higher education institutions:					
thousand pupils	51.2	52.2	51.9	40.5	29.4
per 10000 population	28.2	28.4	27.8	21.5	15.3

¹⁾ There and further data of Ministry education of the Republic of Kazakhstan.²⁾ Day state general education schools, subordinated to local executive bodies.

2.16 Pre-school organisations

at the end of the year

	2017	2018	2019	2020	2021
Number of pre-school organisations	9 828	10 314	10 583	10 650	10 871
of which:					
in urban settlements	3 672	4 057	4 265	4 322	4 401
in rural areas	6 156	6 257	6 318	6 328	6 470
Number of children at pre-school organisations, thousand persons	862.3	880.9	892.2	885.0	922.4
of which:					
in urban settlements	507.2	515.9	522.3	510.1	528.3
in rural areas	355.1	365.0	369.9	374.9	394.1
Number of children involved in pre-school training	386 431	461 076	349 325	335 322	336 614
of which:					
at pre-school organizations ²⁾	150 785	224 774	131 468	146 336	147 932
at pre-school classes of general education schools	235 646	236 302	217 857	188 986	188 682
Gross enrollment rate for children at pre-school training, in percent	53.92	49.88	53.11	51.83	52.83

2.17 General education schools

at the beginning of the academic year

	2017/2018		
	total	of which	
		in urban settlements	in rural areas
Number of state general education schools	7 047	1 699	5 348
primary schools	714	35	679
basic schools	1 013	69	944
secondary (comprehensive) schools	5 320	1 595	3 725
schools for children with mental and physical deficiency	100	88	12
Advanced education schools	178	149	29
of which:			
gymnasiums	107	87	20
lyceums	71	62	9
Enrollment, thousand persons	2 972.3	1 577.5	1 394.8
of which:			
1-4 grades - total	1 384.9	749.3	635.6

Continuation

	2017/2018		
	total	of which	
		in urban settlements	in rural areas
5-9 grades - total	1 317.3	697.4	619.9
10-11 (12) grades - total	270.1	130.8	139.2
at schools for children with mental and physical deficiency	14.6	13.6	1.0
Number of teachers, thousand persons	286.0	114.6	171.4
Nonpublic general education schools			
number of schools	125	120	5
enrollment, thousand persons	24.4	23.7	0.7
number of teachers, thousand persons	2.9	2.8	0.1

Continuation

	2018/2019		
	total	of which	
		in urban settlements	in rural areas
Number of state general education schools	7 014	1 729	5 285
primary schools	668	31	637
basic schools	1 002	72	930
secondary (comprehensive) schools	5 344	1 626	3 718
schools for children with mental and physical deficiency	100	88	12
Advanced education schools	182	150	32
of which:			
gymnasiums	113	89	24
lyceums	69	61	8
Enrollment, thousand persons	3 105.3	1 681.3	1 424.0
of which:			
1-4 grades - total	1 436.7	789.7	647.0
5-9 grades - total	1 407.0	760.4	646.6
10-11 (12) grades - total	261.6	131.2	130.4
at schools for children with mental and physical deficiency	14.9	13.9	1.0
Number of teachers, thousand persons	289.9	118.0	171.9
Nonpublic general education schools			
number of schools	138	132	6
enrollment, thousand persons	28.1	27.2	0.9
number of teachers, thousand persons	3.3	3.2	0.1

Continuation

	2019/2020		
	total	of which	
		in urban settlements	in rural areas
Number of state general education schools	6 975	1 750	5 225
primary schools	633	29	604
basic schools	976	71	905

Continuation

	2019/2020		
	total	of which	
		in urban settlements	in rural areas
secondary (comprehensive) schools	5 366	1 650	3 716
schools for children with mental and physical deficiency	99	87	12
Advanced education schools	190	155	35
of which:			
gymnasiums	116	90	26
lyceums	74	65	9
Enrollment, thousand persons	3 242.3	1 780.1	1 462.2
of which:			
1-4 grades - total	1 479.0	824.7	654.3
5-9 grades - total	1 480.0	810.0	670.0
10-11 (12) grades - total	283.1	145.2	137.8
at schools for children with mental and physical deficiency	14.9	13.9	1.0
Number of teachers, thousand persons	296.0	121.8	174.2
Nonpublic general education schools			
number of schools	189	176	13
enrollment, thousand persons	42.4	39.9	2.5
number of teachers, thousand persons	4.0	3.8	0.2

Continuation

	2020/2021		
	total	of which	
		in urban settlements	in rural areas
Number of state general education schools	6 957	1 763	5 194
primary schools	620	31	589
basic schools	968	68	900
secondary (comprehensive) schools	5 369	1 664	3 705
schools for children with mental and physical deficiency	100	88	12
Advanced education schools			
of which:			
gymnasiums	125	93	32
lyceums	79	68	11
Enrollment, thousand persons	3 368.7	1 862.5	1 506.3
of which:			
1-4 grades - total	1 480.5	825.7	654.8
5-9 grades - total	1 577.1	874.4	702.7
10-11 (12) grades - total	311.1	162.3	148.8
at schools for children with mental and physical deficiency	15.0	14.1	0.9
Number of teachers, thousand	313.9	132.3	181.6
Non-public general education schools			
number of schools	250	225	25
enrolment, thousand persons	59.1	52.8	6.3
number of teachers, thousand persons	4.6	4.2	0.4

Continuation

	2021/2022		
	total	of which	
		in urban settlements	in rural areas
Number of state general education schools	6 942	1 783	5 159
primary schools	597	31	566
basic schools	962	67	895
secondary (comprehensive) schools	5 383	1 685	3 698
schools for children with mental and physical deficiency	100	88	12
Advanced education schools			
of which:			
gymnasiums	120	103	17
lyceums	90	83	7
Enrollment, thousand persons	3 436.6	1 917.3	1 519.4
of which:			
1-4 grades - total	1 484.4	836.7	647.7
5-9 grades - total	1 634.1	911.5	722.5
10-11 (12) grades - total	318.2	169.0	149.2
at schools for children with mental and physical deficiency	15.2	14.3	0.9
Number of teachers, thousand	328.0	141.0	187.0
Non-public general education schools			
number of schools	377	305	62
Enrolment, thousand persons	106.8	93.2	13.6
number of teachers, thousand persons	7.8	7.1	0.7

2.18 Evening general education schools

at the beginning of the academic year

	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022
Number of independent schools - total	75	74	69	70	69
enrollment (including correspondence), thousand pupils	11.7	10.3	10.0	9.2	9.5
of which in 10-12 grades	10.3	9.3	7.0	6.7	7.1
Number of teaches, thousand	0.9	0.9	0.8	0.8	0.8

2.19 Graduates of general education schools

thousand pupils

	2017	2018	2019	2020	2021
Graduates of primary school	230.6	235.4	249.7	264.5	277.7
of which:					
day-time*	299.9	234.7	249.1	263.9	277.3
evening	0.7	0.68	0.5	0.5	0.5
Graduates of secondary school	127.4	143	117.2	140.6	161.4
of which:					
day-time*	122.5	138.2	113.6	135.9	158.0
evening	4.9	4.8	3.6	4.6	3.5

* Data on the general education schools.

2.20 Higher education institutions

at the beginning of the academic year

	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022
Number of higher education institutions	122	124	125	125	122
Enrolment in them, thousand persons*	496.2	542.5	604.3	576.6	575.5
of which in departments:					
day-time	378.1	399.4	481.0	478.6	559.7
evening	33.6	40.2	33.4	11.6	5.8
correspondence	84.5	102.8	89.9	42.3	10.0
Out of the total number of higher education institutions of the private ones:	75	79	84	92	93
enrollment in them, thousand persons*	268.5	297.0	363.2	396.0	448.4
of which in departments:					
day-time	194.1	205.5	286.6	323.4	433.7
evening	26.9	33.3	30.0	10.0	5.2
correspondence	47.5	58.2	46.6	27.0	9.5

* Excluding master students.

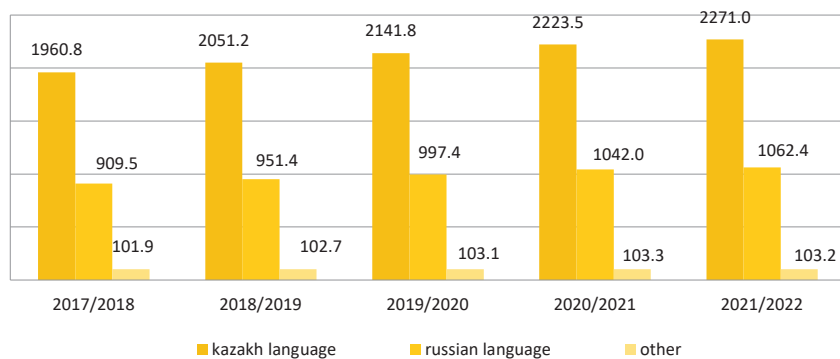
2.21 Graduates of higher education institutions and specialized secondary schools by types of tuition

thousand persons

	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022
Graduates of higher education institutions – total	127.1	130.7	142.4	153.6	151.7
of which in departments:					
day-time	82.8	82.2	85.9	90.7	103.5
evening	13.1	12.0	15.1	15.9	5.9
correspondence	31.2	36.5	41.4	46.9	35.3
remotte	-	-	-	0.1	7.0

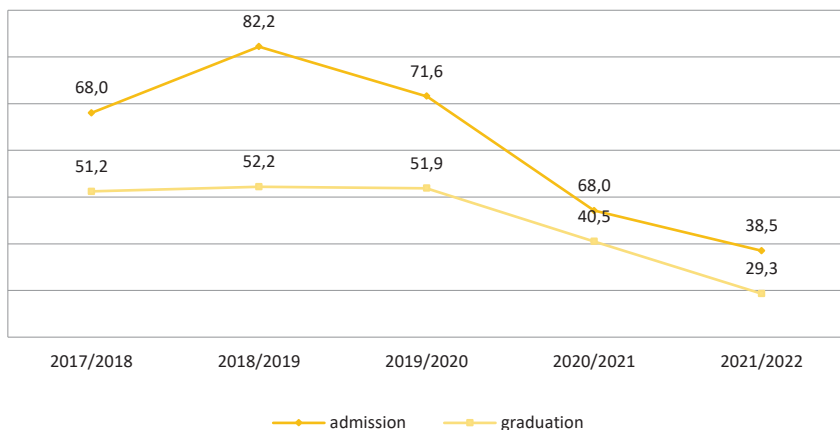
Number of pupils in general education schools by the language of tuition

at the beginning of the academic year, thousand persons



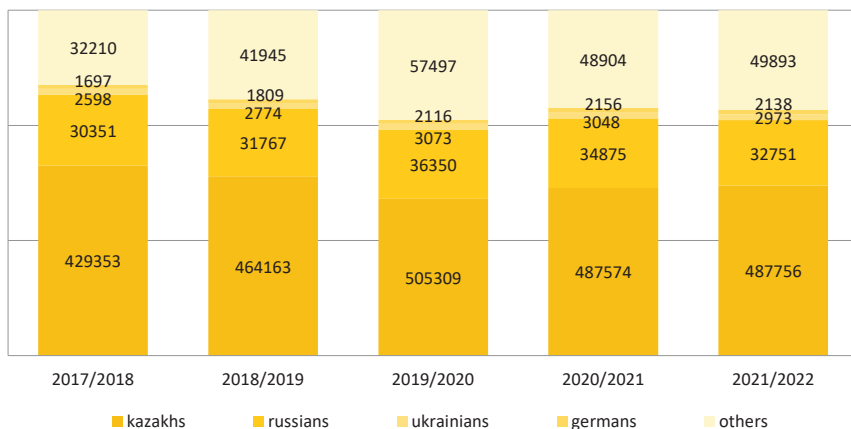
Students admitted or graduated from higher education institutions

at the beginning of the academic year, thousand persons



National structure of students of higher education institutions

persons





Information and communication technologies statistics

This section reflects data about the usage of information and telecommunication technologies by households and enterprises.

Information and Communication Technologies (ICT) cover the totality of methods, productive processes and program-technical means, integrated with the purpose of collecting, processing, keeping, disseminating, reflecting and using the information in users' interest.

The internet is a global information system, net parts of which are connected with each other by means of single address space based on reports of TCP/IP.

The internet consists of many connected computers and supplies access to computers, e-mails, announcement boards, databases, discussion groups, etc. The internet user is a citizen of Kazakhstan who uses the Internet at least an hour a week.

ADSL (Asymmetric Digital Subscriber Line) is a technology which allows organizing high-speed access to the Internet in the telephone number while the telephone line will stay vacant. The web site has its independent domain name. One domain name corresponds to only one web site.

2.22 Main indicators of accessibility to the information society

	2017	2018	2019	2020	2021
Number of fixed telephone lines for 100 person, units	20	18	17	16	15
Number of mobile phone service subscribers for 100 person, units	148	143	139	130	129
Number of subscribers for Internet for 100 person, units	14	13	14	14	15
Index of Internet service tariffs for households (to the previous year), percent	100.0	100.8	103.3	102.5	102.5
Index of Internet service tariffs for enterprises (at the end of the period to December of the previous year). percent	99.8	98.5	100.1	99.7	100.0
broadband	100.0	100.0	100.1	100.0	100.0
dial-up	100.0	99.9	100.3	99.5	100.0

2.23 Level of users' computer literacy in 2021

percent

	Total	Of which	
		male	female
No skills	100.0	39.0	61.0
Beginner	100.0	48.4	51.6
Regular user	100.0	48.2	51.8
Experienced user	100.0	51.7	48.3

2.24 Level of ICT uses at enterprises

percent

	2017	2018	2019	2020	2021
Share of enterprises possessing PCs	72.6	79.0	83.9	80.2	81.3
Share of enterprises with an access to Internet	69.3	76.2	81.1	77.4	79.1
Share of enterprises possessing a web-site	22.6	23.2	19.9	18.8	18.5
Share of enterprises with Intranet	31.6	33.8	-	-	-
Share of enterprises taking orders by Internet	1.5	1.6	5.0	5.5	8.5
Share of enterprises giving orders by Internet	6.1	4.6	7.7	7.0	10.1
Share of enterprises with local network	30.2	28.8	-	-	-
Share of enterprises with Extranet	3.2	3.4	-	-	-



Statistics of culture

Theatres are entertaining organizations that carry out stage performance of works of literature and art (dramatic, musical and dramatic, musical, choreographic, puppet, pantomime, satire and humor, juvenile, for young people, experimental etc.).

The library is an institution that carries out informational, cultural, educational functions and possesses an organizational stock of printed and hand-written documents as well as of graphic, audio-visual materials, documents on electronic carriers, which are given for temporary use to individuals and legal entities.

Cinema is a building appointed for a movie show.

Film projector is a set of the assembled film equipment intended for film demonstration.

Museum is a cultural organization being created for storage, studying and presentation of museum exhibits and museum collections; it aims at carrying out cultural, educational and scientific functions and ensuring study, registration, storage and popularization of memorials of material and immaterial culture.

2.25 Theatres, libraries, museums

	2017	2018	2019	2020	2021
Theatres, units	68	68	65	65	65
Performances, units	16 037	16 616	16 579	6 381	10 817
Annual attendance, thousand persons	2 771.0	2 833.6	2 942.1	894.0	1 172.8
Libraries, units	4 100	4 054	3 962	3 925	3 920
Library stock, thousand	114 072.0	112 499.4	112 103	112 043.2	111 775.9
Registered readers, thousand persons	5 149.3	5 263.8	5 401.3	4 232	6 007.5
Museums, units	240	245	250	253	264
Annual attendance, thousand persons	6 450.2	6 716.0	6 829.3	2 351.3	5 104.9
Zoo, units*	20	20	18	16	13
Annual attendance, thousand persons	1 706.1	1 704.7	1 749.0	604.0	1 595.3

* Taking into account the petting zoo.

2.26 Movie projectors

	2017	2018	2019	2020	2021
Number of movie projectors, units	400	405	451	414	451
Number of cinemas, units	96	96	101	99	104
Number of cinema attendance, million persons	17.6	17.8	19.9	4.8	8.5



Criminality

The section contains data characterizing the state of criminality, including the most dangerous and most frequently committed crimes. Data are compiled by the Committee on legal statistics and special records of the General Prosecutor office of the Republic of Kazakhstan. There is an information on persons who committed crimes, on their sex, age and social status description. There are also data on the number of convicted, their composition and distribution of the main types of punishment.

The offence is a social-legal phenomenon comprising crimes committed on the specific territory during the specific period of time and having qualitative and quantitative measures.

Recorded crime is defined as a disclosed and registered deed presenting a threat to the society, for which a responsibility is envisaged according to the criminal legislation.

A crime against the human can be defined as a crime against life, health, freedom and dignity of individuals.

Serious crime is a deliberate deed of extreme danger to society. It refers to the Criminal Code of the Republic of Kazakhstan.

Economic crime is the deed subject to criminal punishment committed in the sphere of production, distribution and consumption of goods and services, including that, which is associated with the illegal use of official status (embezzlements; squandering; deception of consumers; violation of trade regulations; violation of state price discipline, tax evasion; production and sale of goods and services that do not meet safety requirements, etc.)

Juvenile crimes are crimes committed by adolescents aged from 14 to 18.

Offenders are persons officially registered with agencies of interior affairs and against whom criminal cases are initiated.

The convicts are persons on whom sentences have been passed and have come into legal force.

Composition of the convicted means their distribution by sex, age, imposed penalties, types of committed crimes.

2.27 Number of recorded crimes

thousand

	2017	2018	2019	2020	2021
Total crimes recorded	316.4	292.3	243.5	162.9	157.9
among which:					
felonious homicide and homicide attempt	0.9	0.9	0.8	0.8	0.8
intentional heavy injury	2.1	2.2	2.1	1.9	1.8
rape	1.3	1.1	1.1	0.6	0.5
robbery	0.7	0.6	0.5	0.2	0.2
larceny	9.5	8.1	6.3	3.2	2.6
thefts	193.2	180.2	139.1	67.1	57.5
disorderly conduct	10.4	8.0	5.8	3.1	2.3
drug related offences	8.2	7.5	6.7	7.7	7.1
Total number of offenders	115.7	108.3	99.5	76.4	64.1
of whom at the age of, years:					
14-17	3.2	3.2	2.8	1.8	1.5
18-29	47.1	44.6	38.9	27.9	22.6
30 and older	65.5	60.5	57.8	46.7	40.0
Out of the total number of offenders:					
females	14.8	13.0	12.1	9.8	8.5
workers	7.0	6.9	5.8	5.4	4.5
state employees	2.0	1.8	1.6	1.3	1.0

2.28 Composition of the convicted

percent

	2017	2018	2019	2020	2021
Total number of the convicted	100	100	100	100	100
among whom those under legal age	1.4	1.3	1.5	1.4	1.3
Out of the total number of the convicted:					
females	10.8	10.2	9.2	9.3	10.3
previously convicted	17.9	22.0	24.8	26.5	27.2

2.29 Number of the convicted on whom sentences were passed and came into legal force by selected offence categories

thousand persons

	2017	2018	2019	2020	2021
Total number of the convicted	32.0	31.3	27.5	28.6	28.7
of them for:					
felonious homicide and homicide attempt	0.8	0.7	0.7	0.6	0.7
intentional heavy harm for health	2.1	2.0	2.2	1.9	1.8
rape	0.3	0.2	0.2	0.2	0.2
robbery	0.6	0.6	0.5	0.3	0.2
larceny	2.9	2.6	2.1	1.4	1.1
thefts	5.3	4.7	4.6	7.3	7.7
drug related offences	4.8	5.1	4.1	4.7	4.0
disorderly conduct	0.6	0.6	0.6	0.4	0.4

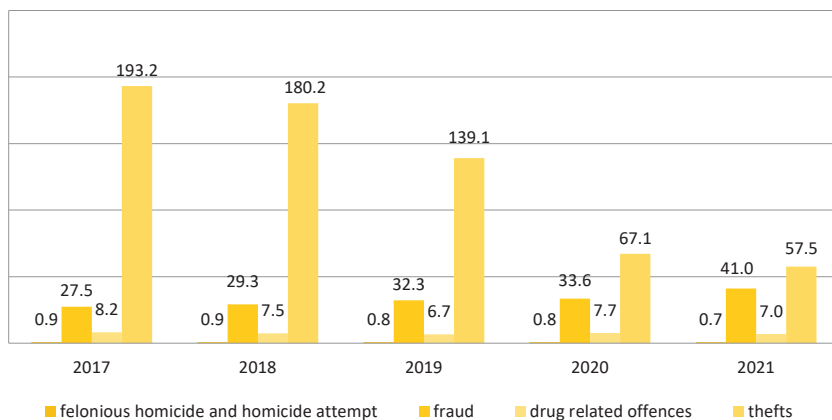
2.30 Distribution of the convicted by major penalties prescribed by court

percent

	2017	2018	2019	2020	2021
Total number of the convicted	100.0	100.0	100.0	100.0	100.0
of them to:					
imprisonment	27.1	23.8	24.9	29.5	35.1
imprisonment with suspended sentence	0.4	0.6	0.4	0.4	0.5
corrective labour without imprisonment	0.1	0.1	0.1	0.04	0.02
suspended imprisonment or corrective labour	8.9	8.5	6.7	4.8	4.7
fine	12.1	15.7	14.9	10.8	7.8
other penalties	51.4	51.3	53.0	54.5	51.9

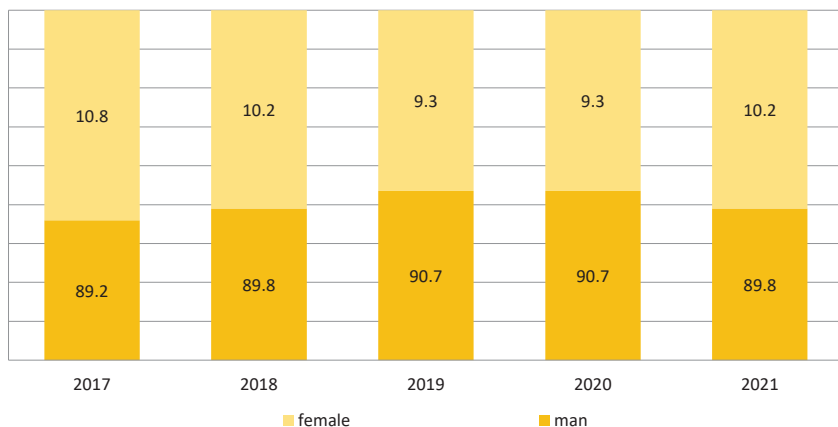
Number of recorded crimes

thousand



Composition of the convicted

percent



3

Living standard statistics



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3. Living standard statistics



Population income and expenditures

The section contains statistical data characterizing the level of household income and expenditure. The materials are obtained according to the results of regularly conducted sampling surveys of 12 000 households.

For more objective reflection of the material welfare level of the population there was adopted a methodology of estimation of monetary income of population through their expenditures. Indicator of income that was used for consumption has been conceptually defined and applied as the basic criterion for estimation of the welfare level of population, calculation of poverty and inequality indicators according to a new survey program.

The quality of income data collected through sample household surveys is estimated by comparing the survey results with the SNA data. For obtaining the most objective data, an alternative indicator of nominal monetary incomes of the population is calculated by means of their estimation using the macro-level data.

Household is an economic entity consisting of one or more individuals living together, combining all or part of their income and property, and jointly consuming goods and services.

Nominal monetary income of the population (valuation) is the money resources directed by the population to current consumption, production activity and savings.

The index of real monetary income is the index of nominal monetary incomes, adjusted for the consumer price index.

Labor income is an income from hired and self-employment. In accordance with the methodology of household surveys and the labor market, the income from the sale of agricultural products is included in the income from employment (as part of the income from self-employment).

The income of the population used for consumption includes consumer expenditures (without investment in productive activities and accumulation) and the value (in monetary terms) of the products of own production and transfers consumed in kind.

The cost estimate of the consumption of own production is calculated by the average the average purchase prices for goods in the region.

The monetary expenditures of the population on average per capita, are made up of consumer expenditures, taxes, fees, payments and other items not related to consumption.

Consumer expenditures of the population, on average per capita, is part of the population's monetary expenditures aimed at purchasing consumer goods and services. Include the purchase of food, expenditures on meals outside, purchases of alcohol beverages, tobacco products, non-food products and paid services.

The purchasing power of average per capita monetary incomes of the population is the number of goods (each separately) that could be purchased by the average per capita monetary income of the surveyed households at average purchase prices.

3.1 Main socio-economic indicators related to the population living standards and their changes

	2017	2018	2019	2020	2021
Tenge					
Nominal average monthly salary					
in national currency	150 827	162 673	186 815	213 003	250 311
in US dollars	463	472	488	515	426
Cost of living size on average per year, per capita	23 783	27 072	29 342	33 015	37 266
Average fixed scale of pension, at the end of year*	50 850	54 387	57 622	63 937	67 432

Continuation

	2017	2018	2019	2020	2021
Average nominal cashes of population per capita, tenge per month	83 710	93 135	104 282	116 126	130 616
Unit weight of the earned incomes in money income of population, in percents	76.3	74.2	72.3	67.0	70.0
Minimum size of salaries	24 459	28 284	42 500	42 500	42 500
Minimum size of retirement pension	31 245	33 745	36 108	40 441	43 272
Coefficient Gini (by 10 percent groups of population)	0.287	0.289	0.290	0.291	0.294
As percent of the previous year					
Average monthly nominal salary of one employee	105.5	107.9	114.8	114.0	117.5
Real accrued salaries	98.3	101.7	109.0	106.8	108.8
Index of real monetary income	101.8	105.0	106.4	103.3	104.1
Real fixed scale of pension	111.5	100.9	100.6	103.9	97.7
Consumer price index	107.4	106.0	105.3	106.8	108.0

* The data with account taken of power structures. With no account taken of basic pension payment

3.2 Structure of money income and expenditures of households

as percent of total

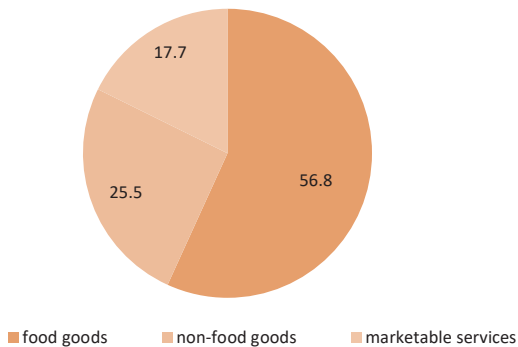
	2017	2018	2019	2020	2021
All households					
Money income - total	100.0	100.0	100.0	100.0	100.0
among which:					
income from labour activity	76.3	74.2	72.3	67.0	70.0
Money expenditures - total	100.0	100.0	100.0	100.0	100.0
of which:					
consumer expenditures	92.6	93.0	92.9	92.9	93.0
food products	46.6	48.5	50.0	53.9	52.8
non-food products	24.7	23.5	22.9	23.3	23.7
marketable services	21.3	21.0	20.0	15.7	16.5
taxes, duties, payments	0.2	0.2	0.2	0.2	0.1
other money expenditures	7.2	6.8	6.9	6.9	6.9
Households in urban area					
Money income - total	100.0	100.0	100.0	100.0	100.0
among which:					
income from labour activity	76.7	74.0	72.2	66.6	69.8
Money expenditures - total	100.0	100.0	100.0	100.0	100.0
of which:					
consumer expenditures	92.4	92.8	92.8	92.4	92.8
food products	45.1	46.7	48.4	52.3	51.2
non-food products	23.2	22.3	22.0	22.7	23.4
marketable services	24.1	23.8	22.4	17.4	18.2
taxes, duties, payments	0.2	0.2	0.2	0.2	0.2
other money expenditures	7.4	7.0	7.0	7.4	7.0
Households in rural area					
Money income - total	100.0	100.0	100.0	100.0	100.0
among which:					

Continuation

	2017	2018	2019	2020	2021
income from labour activity	75.6	74.7	72.7	67.8	70.2
Money expenditures - total	100.0	100.0	100.0	100.0	100.0
of which:					
consumer expenditures	92.9	93.5	93.0	93.7	93.4
food products	49.5	52.1	52.8	56.8	56.2
non-food products	27.6	26.0	25.0	24.6	24.3
marketable services	15.8	15.4	15.2	12.3	12.9
taxes, duties, payments	0.2	0.2	0.1	0.1	0.1
other money expenditures	6.9	6.3	6.9	6.2	6.5

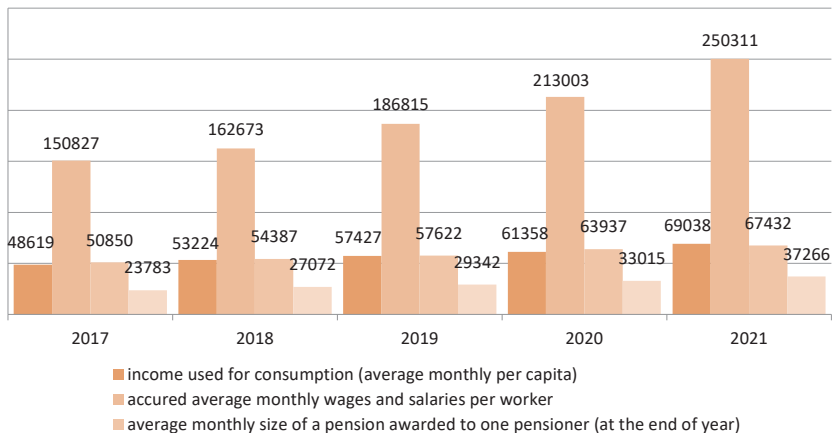
Structure of consumer expenditures of households in 2021

in percent of total



Changes of main indicators related to money income and living wage quantity

tenge



Inequality of the income distribution

Share (number) of the population with income below the living wage quantity (cost of food basket) is a percentage share of the population with an income level below the specified criterion.

Poverty gap refers to the average deviation of the income (consumption) level of the surveyed households from the specified criterion (living wage quantity or food basket).

Poverty acuteness characterizes the poverty gap more completely. It is determined as an average of quadratic deviations of the share of income deficit of the surveyed households' members from specified criterion. It represents the inequality among the poor – the degree of the income spread among the poor.

Quantile groups of population are formed by dividing total population into numerically equal parts regardless of other features. Decile and quantile divisions, 10 and 20 percent groups, are the most frequently applied divisions.

Income concentration by quantile groups of population is determined as a share of the appropriate group in total volume of money income of population.

Coefficient of funds measures the ratio between an average income of comparison groups of population in the tenth and first decile groups of the distribution raw.

Coefficient of inequality of the income distribution among the population (Lorentz income concentration factor or Gini index) allows estimating numeric the degree of inequality. It determines the degree of deviation of the actual income distribution of numerically equal population groups from the equal distribution line. The statistical value of the income inequality varies from 0 to 1; 0 means perfect income equality for all groups of population, 1 means perfect inequality, when the total income is owned by one group of persons.

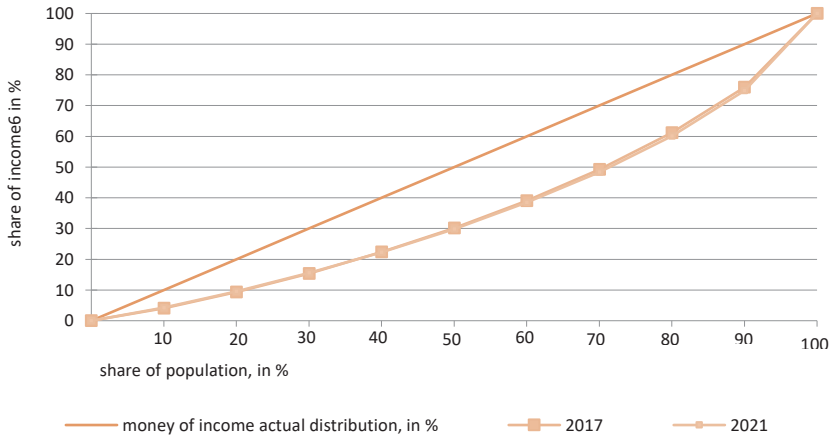
3.3 Main indicators of inequality of the income distribution¹⁾

	percent				
	2017	2018	2019	2020	2021
Proportion of population with incomes below the living wageminimum ²⁾	2.7	4.3	4.3	5.3	5.2
Proportion of population with incomes below the food basket cost ²⁾	0.1	0.1	0.1	0.2	0.1
Poverty gap	0.4	0.7	0.7	0.8	0.8
Poverty acuteness	0.1	0.2	0.2	0.2	0.2
Coefficient of funds by 10% groups	5.9	6.0	6.0	5.9	6.0
Gini coefficient of 10% groups	0.287	0.289	0.290	0.291	0.294

¹⁾ Households' income used for consumption.

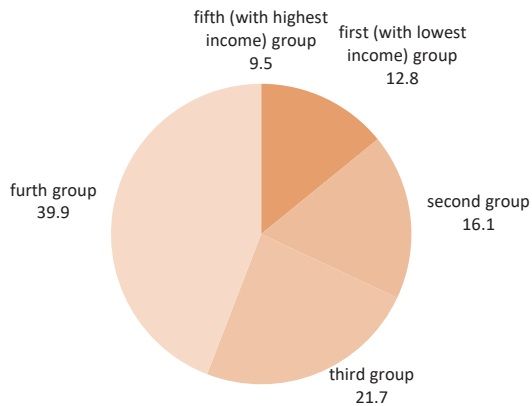
²⁾ Obtained data are based on the income equivalence scale.

Inequality in distribution of total income among the decile groups of population with different income level (Lorentz curve)



The share of income used for consumption by 20 percent (quantile) groups of the population in 2021

percent





Statistics of housing

Housing fund - dwellings of all forms of ownership, located on the territory of the Republic of Kazakhstan.

The housing stock of the Republic of Kazakhstan shall include private and state housing stock.

The housing stock shall not include non-residential premises in residential houses.

State housing fund – dwellings, belonging to the communal housing fund, housing fund of state enterprises or housing fund of state institutions and which are part of republican or communal property;

Private housing fund – dwellings, owned by individuals or non-state legal entities;

Dwelling - a separate residential unit (individual dwelling house, apartment, dormitory room), intended and used for permanent residence, meeting the established building, sanitary, ecological, fire-prevention and other mandatory norms and rules;

Multi-apartment residential building - a separate building with a single foundation on a single indivisible land plot, consisting of the common property of the condominium object, which is a common shared property, and two

or more apartments, non-residential premises with independent exits to the land plot adjacent to the multi-apartment residential building, or in other parts of the common property of the condominium object;

Provision of housing per person - is defined as the ratio of the total area of residential premises (apartments) to the number of persons living in them (the total area of housing for vacant or abandoned houses is not taken into account).

A non-residential premise - a separate interior space in a multi-apartment residential building, complying with construction, sanitary, ecological, fire-prevention and other mandatory norms and rules, provided for at the project stage, the boundaries of which are inner surfaces of the walls, floor and ceiling (interfloor floors), unless otherwise provided by the legislation of the Republic of Kazakhstan, used for purposes other than permanent residence (office, shop, cafe, hotel, hostel and other objects of the sphere of services to the population) and being in individual (separate) ownership, with the exception of the common property of the condominium object.

3.4 The presence of total area per capita

	2017	2018	2019	2020	2021
Total average housing provided to the population per inhabitant, square meter of total area	21.6	21.9	22.2	22.6	23.2
of which:					
urban area	24.1	24.2	24.7	25.0	25.5
rural area	18.2	18.6	18.9	19.3	19.8
Provision of municipal housing stock with utilities, percent					
water-supply	98.4	98.3	98.2	98.2	98.2
sewerage	68.4	69.7	70.4	71.4	72.5
central heating	40.6	41.1	41.5	42.1	42.8
bathrooms	42.0	42.4	42.4	42.6	42.9
gas	87.7	87.7	87.3	87.0	86.8
hot water	35.9	36.1	36.2	36.6	37.0
floor electric cookers	10.6	10.7	11.4	11.6	11.9

3.5 Statistics of housing

total area of dwellings; end of the year; million square meter

	2017	2018	2019	2020	2021
Total housing stock	347.4	356.4	364.3	373.3	387.7
of which:					
private	339.9	348.7	356.4	365.4	379.4
state	7.5	7.7	7.9	7.9	8.3
Urban housing stock – total	219.1	226.1	231.4	238.8	250.3
of which:					
private	213.1	220.0	225.1	232.5	243.7
state	6.0	6.1	6.3	6.3	6.6
Rural housing stock – total	128.2	130.3	132.9	134.5	137.5
of which:					
private	126.8	128.7	131.3	132.9	135.8
state	1.4	1.6	1.6	1.6	1.7

4

Labour and employment statistics



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4. Labour and employment statistics



Employment and unemployment

Economically active population (labour force) is a part of population at the age determined for measurement of economic activity of the population, providing supply of the labour force for the production of goods and services. Economically active population comprises persons employed in all economic activities as well as those unemployed.

Economically non-active (passive) population includes persons at the age determined from measurement of economic activity of the population who is not employed or unemployed during the reference period.

Employed (working) population implies all the persons of a certain age, which can be classified as employees or self-employed workers. Employees (paid workers) are persons working under the hire contract for payment (remuneration) in form of wages and salaries, premiums, additions etc, or in kind.

Self-employment is an activity, in which the size of remuneration directly depends on income received from production and sales of goods and services (when own consumption is considered as a part of income).

In accordance with the International Classification of Occupations (employment status) the following groups of self-employed persons are determined:

- employers are persons who manage their own enterprise or are engaged in independent entrepreneurship in any economic activity and have one or more employees;
- own-account workers comprise persons who, while working independently or with

one or more partners, are engaged in self-employment and do not hire other workers on a constant basis;

- unpaid family workers are persons who, as a rule, work without remuneration at the enterprise farm which is managed by their relative person;

- members of the cooperative include persons who are members of labor cooperative which is engaged in entrepreneurial activity.

The unemployed comprise persons at the age specified for measurement of the economic activity of the population who during the reference period were: without work (were not in employment), actively seeking work, currently available for work during a certain period.

The unemployment rate is a percentage of the unemployed in the total number of economically active population.

The proportion of the registered unemployed in the total number of economically active population is determined by dividing the number of the unemployed registered at the employment offices by the number of economically active population.

The number of persons applied to the authorized employment offices for jobs placement refers to the total number of those applied to the employment offices for jobs placement, including the employed persons seeking other or additional job for various reasons. The number of persons placed in a job is the number of those who found a job with the help of the authorized employment offices.

4.1 Main indicators of the labour market

	2017	2018	2019	2020	2021
labor force, thousand persons	9 027.4	9 138.6	9 221.5	9 180.8	9 256.8
Proportion of the labor force in the population, in percent	69.7	70.0	70.1	69.2	69.3
Employed population, thousand persons	8 585.2	8 695.0	8 780.8	8 732.0	8 807.1
Employment rate, as percent:					
of the population aged 15 years and older	66.3	66.6	66.7	65.9	66.0
of the economically active population	95.1	95.1	95.2	95.1	95.1
Employees, thousand persons	6 485.9	6 612.5	6 681.6	6 686.7	6 710.2
share in the total number of the employed population, as percent	75.5	76.0	76.1	76.6	76.2
Self-employed population, thousand persons	2 099.2	2 082.5	2 099.2	2 045.4	2 096.9
share in the total number of the employed population, as percent	24.5	24.0	23.9	23.4	23.8
Unemployed population, thousand persons	442.3	443.6	440.7	448.8	449.6
Unemployment rate, as percent	4.9	4.9	4.8	4.9	4.9
Number of persons registered at employment authorities as unemployed, thousand persons	70.3	91.6	97.5	141.8	97.9
Share of the registered unemployed among the economically active population, as percent	0.8	1.0	1.1	1.5	1.1
Economically inactive population, thousand persons	3 927.3	3 907.3	3 934.0	4 076.8	4 093.3
Economical inactivity rate, as percent	30.3	30.0	29.9	30.8	30.7

4.2 Distribution of persons employed by types of economic activity

thousand persons

	2017	2018	2019	2020	2021
Employed population, total	8 585.2	8 695.0	8 780.8	8 732.0	8 807.1
of which:					
Agriculture, forestry and fishery	1 319.0	1 228.2	1 184.7	1 175.1	1 176.4
Industry	1 090.4	1 097.8	1 094.9	1 089.2	1 098.0
of which:					
mining industry and working out of open-cast mines	283.7	286.2	279.9	276.9	277.9
manufacturing industry	581.6	580.5	583.6	581.8	585.6
electrical supply, giving of gas, steam and air-conditioning	151.0	150.6	150.2	149.0	150.1
water supply; sewer system, the control over gathering and distribution of waste	74.2	80.4	81.2	81.5	84.3
Construction	614.0	629.1	635.6	630.9	641.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	1 334.9	1 396.7	1 431.1	1 421.3	1 451.9
Transportation and warehousing	608.0	624.7	637.9	617.5	609.5
Residing and catering services	192.0	187.7	196.9	193.7	190.9
Information and communication	156.1	166.5	161.7	159.7	161.7
Financial and insurance activities	175.0	180.3	190.5	189.0	184.9
Real estate transactions	162.5	157.6	154.5	158.4	168.4
Professional, scientific and technical activities	239.1	248.9	256.4	254.7	247.3
Activity in the field of administrative and auxiliary service	279.7	288.3	292.3	285.5	287.5

Continuation

	2017	2018	2019	2020	2021
Governance and defence; obligatory social security	479.3	500.5	495.3	489.3	484.1
Education	1 056.1	1 095.8	1 108.7	1 109.5	1 120.1
Health care and social services provision	482.4	498.8	502.7	512.4	526.0
Arts, entertainment and recreation	133.8	145.6	142.0	138.4	134.7
Other services provision	263.0	248.6	295.8	307.5	324.4

4.3 Distrufition of unemployed persons by sex and education

thousand persons

	2017			2018		
	total	of which		total	of which	
		males	females		males	females
Unemployed population, total	442.3	205.3	237.0	443.6	202.1	241.6
of them those received education:						
higher	117.2	50.0	67.2	127.5	55.1	72.4
incomplete higher	9.7	4.9	4.7	8.3	3.9	4.3
secondary vocational	174.4	83.3	91.1	183.1	84.8	98.3
primary vocational	22.7	12.2	10.5	23.0	12.8	10.2
upper secondary	108.7	49.4	59.3	93.0	41.1	51.9
lower secondary	9.0	5.1	3.9	7.9	3.7	4.2
primary	0.7	0.4	0.3	0.9	0.6	0.3

Continuation

	2019			2020		
	total	of which		total	of which	
		males	females		males	females
Unemployed population, total	440.7	204.3	236.3	448.8	209.6	239.2
of them those received education:						
higher	137.1	59.8	77.3	165.9	72.8	93.1
incomplete higher	8.1	4.3	3.8			
secondary vocational	188.9	87.8	101.1	180.3	85.3	95.0
primary vocational	20.7	10.8	9.9	25.6	12.9	12.7
upper secondary	79.0	38.6	40.4	76.9	38.6	38.4
lower secondary	6.1	2.6	3.4	-	-	-
primary	0.7	0.3	0.4	-	-	-

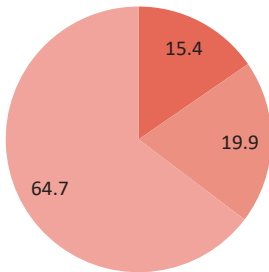
Continuation

	2021		
	total	of which	
		males	females
Unemployed population, total	443.6	202.1	241.6
of them those received education:			
higher	127.5	55.1	72.4
incomplete higher	8.3	3.9	4.3
secondary vocational	183.1	84.8	98.3
primary vocational	23.0	12.8	10.2
upper secondary	93.0	41.1	51.9
lower secondary	7.9	3.7	4.2
primary	0.9	0.6	0.3

Structure of the employed population

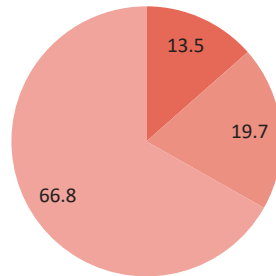
percent

2017



- agriculture, forestry and fishing
- industry and construction
- services

2021

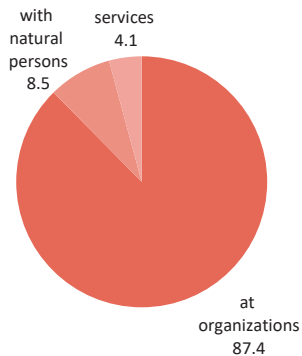


- agriculture, forestry and fishing
- industry and construction
- services

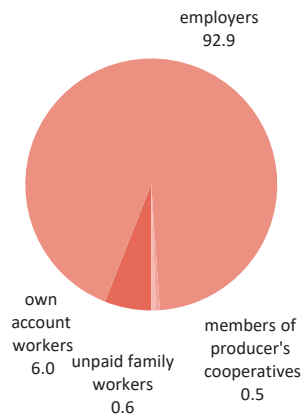
Structure of employees and own-account workers by their employment status in 2020

percent

Employees



Self-employed



Labour wages in enterprises and organizations

The section covers data on average monthly wages and salaries, number of pensioners and average monthly pensions.

Average monthly nominal wages and salaries of one employee are calculated by dividing the accrued labor remuneration fund, according to the number of persons actually worked.

Index of nominal wages and salaries is a relative indicator that characterizes changes of wages and salaries in the reference period as compared with the base period.

Index of real wages and salaries is a relative indicator that characterizes changes of nominal wages and salaries in consideration of price

changes in the reference period as compared with the base period. It describes the purchasing power of the nominal wages and salaries.

It is computed by dividing the index of average monthly nominal wages and salaries by the consumer price index for goods and services. Both indices should refer to one and the same time period.

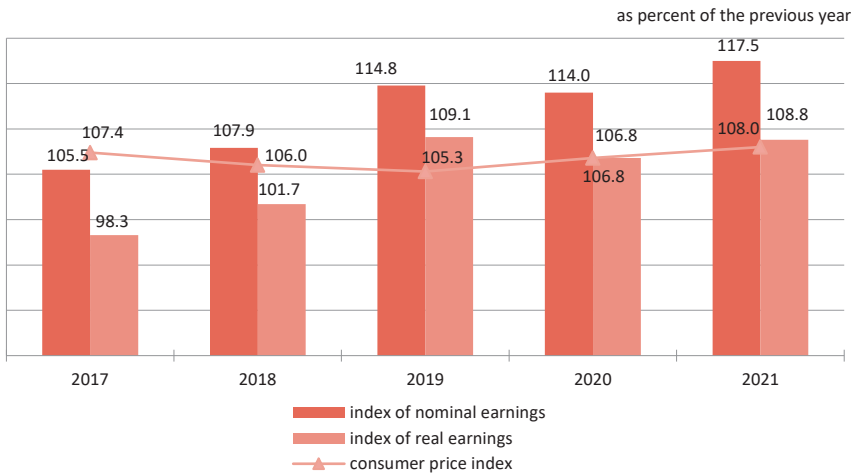
Average size of assigned monthly pension (social benefit) is calculated as a ratio of the total sum of monthly pensions (social benefits) of all pensioners (benefit recipients), registered with labour and social protection offices, and the number of those receiving pensions.

4.4 Average monthly nominal earnings by economic activities

tenge

	2017	2018	2019	2020	2021
All kinds of activities	150 827	162 673	186 815	213 003	250 311
Agriculture, forestry and fishery	91 084	97 929	115 371	130 178	150 705
Industry	214 189	234 168	260 538	285 521	327 090
mining industry and working out of open-cast mines	341 775	371 637	415 584	450 809	503 930
manufacturing industry	166 739	186 041	209 406	234 496	276 544
electrical supply, giving of gas, steam and air-conditioning	145 392	156 591	170 009	186 423	213 455
water supply; sewer system, the control over gathering and distribution of waste	101 921	112 287	123 377	131 072	154 587
Construction	194 227	213 784	243 293	252 504	300 887
Wholesale and retail trade; repair of motor vehicles and motorcycles	145 698	159 091	175 387	186 243	217 783
Transportation and warehousing	193 579	210 822	229 848	252 955	292 124
Residing and catering services	140 070	149 040	156 503	184 065	206 349
Information and communication	221 748	235 410	262 261	291 254	340 545
Financial and insurance activities	298 725	334 269	368 339	387 471	465 580
Real estate transactions	147 620	157 342	166 223	183 468	188 520
Professional, scientific and technical activities	268 664	286 839	331 287	342 408	378 797
Activity in the field of administrative and auxiliary service	151 771	187 532	231 360	220 253	243 518
Governance and defence; obligatory social security	125 247	134 835	157 152	185 666	208 859
Education	96 612	102 875	126 132	165 292	205 183
Health care and social services provision	108 714	111 802	133 499	175 484	227 618
Arts, entertainment and recreation	119 164	127 685	149 241	162 480	160 499
Other services provision	210 924	209 469	218 738	226 625	248 249
Activity of extra-territorial organizations	-	-	-	-	-

Indices of nominal and real earnings and consumer prices



5

Prices statistics



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5. Prices statistics

The system of indicators related to the price statistics represents a set of interrelated and complementary indicators describing actual price levels (tariffs) as well as their percentage change.

In the given section data on dynamics of prices in consumer and real sectors of economy as a whole and in separate segments, as well as data on average level of prices (tariffs) of the most important kinds of production, goods and services are represented.

Consumer price index characterizes a time change of a common price level of goods and services acquired by households for personal consumption. The registration of the prices is made on a sample of trade and service enterprises in all regional centers, capital and in a certain circle of cities and regional centers. The system of weighting used for the aggregation of data in the expenditure is calculated on the basis of surveys of households for the previous year. The level of the average prices in the Republic is determined as a weighted arithmetic average of the price levels of the selected regions.

Producer's price index for the industrial products reflects the dynamics of prices for such products made by the Republican enterprises irrespective of value added tax and excises. The observation of the price changes is carried out on a sample of base enterprises. The registration of the prices is made according to the defined list of goods, which includes the most representative goods close to each other by their main qualitative parameters, raw materials used and technological processes of production. For the aggregation of the price indices by types of economic activity the data on the value of industrial production for the previous year are used as the base of weighting.

Purchase price index for the product and technical products is intended for measurement of dynamics of prices for material resources acquired by the industrial enterprises of the Republic for technological process. The registration is carried out for the selected group of resources.

Price index for the export products characterizes the change of prices for goods produced in the Republic and exported to other countries.

Price index for the import products reflects the dynamics of prices for products purchased in countries of the world community for the needs of the Republic.

They are calculated by the use of data of customs statistics. The price of foreign trade, which is to be registered, represents the price of sales of the exported and imported products without taking into account the customs duties and expenditures connected with the domestic intermediaries (wholesale and retail). The observation of dynamics of prices is made for a set of representative goods included in the commodity sections. For the aggregation of the individual indices the data related to the value of the exported and imported products in a year prior to a referral one are used.

Index of tariffs for the freight shipping gives an evaluation of the change of the transportation rates for services on freight shipping by different types of transport. It determines the dynamics of their current period in comparison with the base one, irrespective of the changes in the structure of cargo shipped by various characteristics (type of cargo, size of delivery, periods of the delivery, etc.). Tariffs for representative services are registered for all types of transport. As a representative service of transportation of goods by different types of transport the shipping of one ton of the most massive cargo for a specified distance (defined path) is taken. For the base of weighting the data about the revenues of transport enterprises from rendering the services in the carriage of cargoes during a defined base year are taken.

Construction price index by elements of the technological structure characterizes changes of prices in construction. It is calculated by the aggregation of the price indices for construction and assembly works (CAW), technological equipment and other works and costs weighted upon their share in the total volume of construction investment.

On the basis of the price index for construction and assembly works there are the data of registration of prices for the purchased construction materials, articles and constructions at basic contracting agencies of all regions of

the Republic in consideration of the tendencies of price changes for other items of material and other costs characterizing the value of construction and assembly works. Calculation is made on the basis of specially developed technological models of construction and assembly works related to various economic activities. The technological model represents a set of resources characterizing production costs for objects of certain economic activity and combining elements of intermediate consumption that are transformed or fully consumed in the process of carrying out construction and assembly works.

Price index for the agricultural products reflects the dynamics of changes of prices for products of agrarian sector sold through all channels of sales in the reporting period compared with the base one. It is calculated by the aggregation of price indices for plant growing and animal husbandry. Each of the indices represents the weighted value of the individual indices for the goods, which are included in homogeneous groups. The volume of products sold during the previous year is used as the base of weighting of individual indices.

The actual level of the average price of the selected agricultural products is defined as a weighted arithmetic average of the price levels of the selected regions.

5.1 Price indices by sectors of the economy

percent

	2017	2018	2019	2020	2021
At the end of the period to December of the previous year					
Consumer price index	107.1	105.3	105.4	107.5	108.4
food goods	106.5	105.1	109.6	111.3	109.9
non-food goods	108.9	106.4	105.0	105.5	108.5
marketable services	105.9	104.5	100.7	104.2	106.5
Producer price index of industrial production	117.6	112.4	101.4	95.8	146.1
Purchase price index of products for technical purposes	110.3	112.0	105.5	105.9	127.1
Sales price index of agricultural products	102.6	107.8	115.9	115.3	117.3
Price index for forestry services and products	105.3	100.9	113.5	100.5	101.4
Construction price index	105.0	103.9	101.6	99.7	105.7
construction and assembly works	105.4	104.2	100.5	99.1	106.2
Index of freight tariffs by all types of transport	106.8	131.1	103.0	102.8	108.8
Index of tariffs for postal and courier services for legal entities	102.3	104.5	103.0	102.1	106.8
Index of tariffs for communication services for legal entities	106.6	111.2	101.7	99.8	100.4
Wholesales price index	106.3	105.6	103.8	103.9	113.2
Price index for products' export supplies*	121.2	113.8	98.4	92.3	156.3
Price index for import receipts*	106.8	107.9	106.5	105.4	113.5
To the previous year					
Consumer price index	107.4	106.0	105.3	106.8	108.0
food goods	108.6	105.1	108.2	110.4	110.8
non-food goods	108.4	107.8	105.7	105.5	106.9
marketable services	105.1	105.3	101.2	103.3	105.5
Producer price index of industrial production	115.3	119.0	105.1	92.0	132.5
Purchase price index of products for technical purposes	111.6	110.5	108.8	105.6	116.7

Continuation

	2017	2018	2019	2020	2021
Sales price index of agricultural products	104.7	102.8	114.6	113.9	115.6
Price index for forestry services and products	105.5	101.7	113.2	100.9	102.0
Construction price index	104.5	104.9	102.0	100.6	103.2
construction and assembly works	104.8	105.2	101.3	99.8	103.5
Index of freight tariffs by all types of transport	105.1	118.5	114.9	102.7	107.8
Index of tariffs for postal and courier services for legal entities	105.4	103.4	104.4	102.0	105.7
Index of tariffs for communication services for legal entities	104.9	100.7	111.3	100.9	100.3
Wholesales price index	106.4	106.6	105.1	103.2	108.8
Price index for products' export supplies*	112.2	122.6	105.1	86.0	139.1
Price index for import receipts*	108.2	107.2	108.4	104.1	111.2
At the end of the period. December 2015 = 100					
Consumer price index	116.1	122.3	128.9	138.5	150.2
food goods	116.8	122.8	134.6	149.7	164.6
non-food goods	119.2	126.9	133.2	140.6	152.6
marketable services	112.4	117.4	118.2	123.2	131.2
Producer price index of industrial production	135.8	152.6	154.7	148.2	216.8
Purchase price index of products for technical purposes	123.6	138.4	146.1	154.7	196.8
Sales price index of agricultural products	110.3	118.8	137.7	158.8	186.2
Price index for forestry services and products	113.2	114.1	129.5	130.1	132.0
Construction price index	109.9	114.1	116.0	115.7	122.3
construction and assembly works	110.3	114.9	115.5	114.5	121.6
Index of freight tariffs by all types of transport	111.6	146.4	150.8	155.1	168.7
Index of tariffs for postal and courier services for legal entities	112.4	117.5	121.0	123.4	131.9
Index of tariffs for communication services for legal entities	104.4	116.1	118.1	117.9	118.3
Wholesales price index	118.9	125.5	130.4	135.5	153.4
Price index for products' export supplies*	132.6	150.8	148.4	137.0	214.2
Price index for import receipts*	124.3	134.1	142.8	150.4	170.8

* IV quarter to IV quarter of the previous year.

Consumer prices

5.2 Average prices and tariffs for the selected consumer goods and services

end of the period, tenge

	2017	2018	2019	2020	2021
Foodstuffs and beverages, per kilogram					
Beef	1 452	1 549	1 803	1 947	2 233
Mutton	1 376	1 456	1 713	1 990	2 417
Pork	1 223	1 312	1 466	1 594	1 837
Eviscerated hens	749	818	913	933	1 065
Boiled sausage	1 622	1 720	1 856	2 014	2 164
Half-smoked sausage	1 830	2 003	2 142	2 330	2 570
Fresh or chilled fish	625	690	774	861	...
Unsalted butter	1 926	2 112	2 368	2 701	2 848
Vegetable oil, litre	401	429	433	575	768
Raw milk, litre	195	211	222	244	...
Rennet cheese	2 219	2 486	2 756	3 069	3 451
Eggs, per 10 pieces	251	268	299	353	392
Sugar	202	243	189	252	291
Black tea	2 923	2 892	3 098	3 435	3 771
«The highest category» wheat flour	151	157	197	236	260
Bread from the «highest category» wheat flour	224	230	270	299	273
Ground, polished rice	291	318	380	377	368
Potatoes	117	86	97	113	138
Apples	385	381	392	472	503
Vodka, litre	2 436	2 737	2 918	3 172	3 380
Payment for the electricity depending of the volume of consumption, 100 kW. hour for people, who use electric stoves					
1 level	1 145	1 174	1 123	1 199	1 452
2 level	1 517	1 518	1 474	1 575	1 885
3 level	1 865	1 849	1 818	1 943	2 347
Payment for the electricity depending of the volume of consumption, 100 kW. hour for people, who don't use electric stoves					
1 level	1 168	1 191	1 140	1 217	1 475
2 level	1 518	1 519	1 473	1 577	1 902
3 level	1 871	1 850	1 817	1 946	2 369
Natural gas, cub. m	18.14	18.88	18.73	18.67	26.36
Liquefied gas, 50 litre balloon	2 574	2 709	2 680	2 853	4 487
Maintenance of dwellings, sq. m	26.82	27.52	29.50	32.24	29.72
Central heating, Gcal	3 908.09	3 990.07	3 482.39	3 372.53	3 460
Hot water supply, cub. m	234.39	240.03	231.76	233.77	263.10
Cold water supply, cub. m	71.33	73.00	68.67	68.81	71.06
Bus trip within a city, one service	73.98	76.75	75.98	78.88	80
Men's «model» haircut, one service	1 124	1 195	1 247	1 353	1 767

¹⁾ Volume of 260-320 cub. dm.²⁾ Diagonal 81 cm.

Prices of enterprises-producers

5.3 Producer price index for the industrial products

end of the period as percent of December of the previous year

	2017	2018	2019	2020	2021
Total industry	117.6	112.4	101.4	95.8	146.1
The mining industry and working out of open-cast mines	127.2	116.3	100.0	84.8	167.5
Mining of coal and lignite	110.3	110.7	110.1	102.5	106.5
Extraction of crude petroleum and natural gas	132.0	117.9	99.5	77.5	179.8
Mining of metal ores	115.8	102.2	103.2	136.1	133.3
Other branches of mining industry	107.9	127.3	90.1	100.2	149.9
Manufacturing industry	108.3	108.8	104.3	109.0	123.0
Manufacture of food products	100.9	106.6	110.8	110.9	116.6
Manufacture of beverages	114.7	98.9	103.7	103.2	103.4
Manufacture of tobacco products	101.2	114.2	108.6	116.8	119.2
Manufacture of textile goods	98.5	99.7	103.3	107.3	107.1
Manufacture of clothes	92.0	103.7	103.1	99.9	104.0
Manufacture of leather and related products	122.2	78.4	103.3	100.4	105.1
Manufacture of wooden and cork products, except furniture; manufacture of products from straws and materials for weaving	105.9	106.3	104.7	96.8	109.0
Manufacture of paper and paperboard products	107.2	128.3	98.0	105.3	108.6
Printing and reproduction of recorded materials	104.4	104.6	109.2	100.1	100.1
Manufacture of coke and refined petroleum products	115.9	117.8	103.0	93.6	133.8
Manufacture of chemicals and chemical products	104.1	111.3	101.9	105.1	112.4
Manufacture of rubber and plastic products	104.7	106.8	99.9	97.7	118.2
Manufacture of other non-metallic mineral products	103.5	109.0	103.5	104.8	109.6
Metallurgy industry	109.4	109.2	103.1	115.1	134.3
Manufacture of fabricated metallic products except machinery and equipment	107.9	108.0	102.5	103.4	122.8
Manufacture of computers, electronic and optical products	99.6	101.4	100.1	100.3	100.0
Manufacture of electrical equipment	113.1	105.5	103.0	104.7	115.3
Manufacture of machinery and equipment not included in other categories	105.4	109.8	105.4	101.1	110.3
Electrical supply, giving of gas, steam and air-conditioning	105.0	101.5	95.3	109.6	111.9
Water supply; sewer system, the control over gathering and distribution of waste	106.0	104.9	99.2	103.2	102.5

Prices of acquisition

5.4 Purchase price index of products for technical purposes

end of the period as percent of December of the previous year

	2017	2018	2019	2020	2021
Material and technical resources for all types of activity	110.3	112.0	105.5	105.9	127.1
among which:					
From enterprises of the Republic of Kazakhstan	109.5	112.3	105.7	104.9	127.7
From enterprises of the CIS member countries	122.0	110.3	105.2	113.2	125.2
From foreign sellers	104.0	106.5	100.7	113.9	112.7

5.5 Purchase price index of products for technical purposes by types of economic activity

end of the period as percent of December of the previous year

	2017	2018	2019	2020	2021
Material and technical resources for all types of activity	110.3	112.0	105.5	105.9	127.1
The mining industry and working out of open-cast mines	109.7	112.8	101.2	100.1	120.7
Mining of coal and lignite	110.4	111.3	102.1	96.0	113.7
Extraction of crude petroleum and natural gas	109.0	110.6	98.5	105.6	114.2
Mining of metal ores	110.1	115.2	102.4	97.8	128.1
Other branches of mining industry	108.0	110.6	99.1	114.6	128.1
Manufacturing industry	109.9	113.5	108.7	109.8	133.5
Manufacture of food products	98.0	108.6	119.9	118.0	115.9
Manufacture of drinks	107.3	106.8	106.8	112.0	118.2
Manufacture of tobacco products	104.8	108.1	88.1	127.2	95.1
Manufacture of textile goods	100.0	114.4	97.6	107.2	121.4
Manufacture of clothes	99.4	101.3	112.4	99.8	112.9
Manufacture of leather and related products	110.3	99.1	104.8	93.2	103.0
Manufacture of wooden and cork products, except furniture; manufacture of products from straws and materials for weaving	101.2	106.5	104.6	102.2	113.0
Manufacture of paper and paperboard products	107.7	103.9	96.9	100.0	164.1
Printing and reproduction of recorded materials	102.9	112.8	102.3	98.2	100.6
Manufacture of coke and refined petroleum products	121.9	118.3	95.1	94.2	136.4
Manufacture of chemicals and chemical products	109.9	106.8	99.8	108.9	106.6
Manufacture of rubber and plastic products	104.2	109.5	95.3	94.2	132.9
Manufacture of other non-metallic mineral products	105.1	114.7	102.0	104.8	118.0
Metallurgy industry	120.4	122.7	105.1	100.3	170.0
Manufacture of fabricated metallic products except machinery and equipment	114.9	106.8	108.6	103.6	122.3
Manufacture of computers, electronic and optical products	104.1	112.7	100.9	99.8	100.0
Manufacture of electrical equipment	126.5	97.2	106.4	111.0	138.7
Manufacture of machinery and equipment not included in other categories	107.6	99.8	94.4	95.2	127.0
Manufacture of furniture	104.7	102.4	105.8	101.8	132.0
Electrical supply, giving of gas, steam and air-conditioning; water supply	112.5	106.6	98.1	102.3	108.3

Prices in agriculture

5.6 Price index of agricultural products sold through all channels of sales

percent

	2017	2018	2019	2020	2021
At the end of the period to December of the previous year					
Agricultural products	102.6	107.8	115.9	115.3	117.3
Plant growing products	103.3	109.1	119.1	117.6	120.1
Grain crops	99.4	114.1	130.6	118.8	115.5
Oil-bearing crops	98.4	105.4	113.5	124.5	111.7
Vegetables	111.3	96.2	107.9	109.6	108.6
Potatoes	124.2	85.9	102.5	122.5	126.4
Fruits and berries	103.4	92.4	104.8	103.6	102.7
Animal husbandry products	100.9	105.3	107.1	108.3	109.7
Livestock and poultry	102.6	103.9	104.9	104.2	109.0
Raw milk	108.1	105.9	108.7	111.4	111.3
Eggs	84.6	112.9	117.6	121.4	112.4
Shorn wool	101.0	128.7	78.8	100.0	91.2
To the previous year					
Agricultural products	104.7	102.8	114.6	113.9	115.6
Plant growing products	103.6	103.2	117.9	116.5	116.9
Grain crops	102.2	102.0	127.9	122.6	114.8
Oil-bearing crops	107.8	97.4	114.9	113.8	129.5
Vegetables	100.2	103.3	102.5	108.3	110.2
Potatoes	113.0	104.9	88.8	115.0	123.2
Fruits and berries	92.4	98.2	99.8	103.8	123.2
Animal husbandry products	105.8	102.0	106.5	106.4	111.6
Livestock and poultry	105.0	102.0	105.0	103.4	107.7
Raw milk	110.2	106.7	106.4	111.0	110.9
Eggs	100.0	95.4	118.3	118.6	127.7
Shorn wool	109.8	117.0	98.7	88.1	95.6

Prices in construction

5.7 Construction price index

at the end of the period as percent of December of the previous year

	2017	2018	2019	2020	2021
Construction price index	105.0	103.9	101.6	99.7	105.7
construction and assembly works	105.4	104.2	100.5	99.1	106.2
machinery and equipment	102.5	102.5	103.9	100.9	101.1
other works and expenses	105.6	104.0	104.1	101.3	104.0

Prices of foreign trade

5.8 Price index for products exported from the Republic of Kazakhstan

end of the period as percent of December of the previous year

	2017	2018	2019	2020	2021
Total exports	121.2	113.8	98.4	92.3	156.3
Live animals and products of animal origin	103.7	102.8	108.2	107.3	108.9
Products of vegetable origin	96.0	114.9	123.6	115.7	121.2
Prepared foodstuffs, beverages, tobacco	106.0	108.8	117.1	103.2	120.7
Mineral products	130.9	115.7	97.8	82.4	170.0
Products of the chemical industry	87.8	109.0	99.0	114.7	119.0
Plastics, rubber and articles thereof	106.7	113.9	101.9	110.4	116.1
Rawhide, leather, natural furs	104.2	96.6	99.8	117.8	127.9
Textile and textile articles	106.7	105.8	98.1	101.8	112.8
Base metals and articles thereof	123.3	110.4	92.1	120.0	149.5
Machinery, equipment, mechanical appliances, apparatus and parts thereof	107.7	129.4	115.0	103.0	105.9

5.9 Price index of products imported to the Republic of Kazakhstan

end of the period as percent of December of the previous year

	2017	2018	2019	2020	2021
Total imports	106.8	107.9	106.5	105.4	113.5
Live animals and products of animal origin	107.8	115.9	108.2	102.1	110.6
Products of vegetable origin	95.3	136.6	103.9	98.4	110.4
Animal and vegetable fat and oils	101.4	99.1	99.1	140.2	128.8
Prepared foodstuffs, beverages, tobacco	98.9	114.3	105.8	109.3	123.0
Mineral products	116.8	107.9	110.0	107.1	136.8
Products of the chemical industry	110.4	105.4	107.6	105.5	109.1
Plastics, rubber and articles thereof	111.9	114.6	108.5	100.8	117.5
Wood and articles of wood; wood charcoal, cork and articles thereof	109.4	102.9	109.0	102.1	123.7
Pulp of wood; paper and paperboard articles	111.3	115.1	106.2	112.1	113.5
Textile and textile articles	107.6	111.8	107.8	102.3	115.9
Articles of stone, plaster, cement, asbestos, ceramics and glass	108.3	121.3	106.5	101.7	121.3
Base metals and articles thereof	108.5	105.9	106.2	104.7	120.1
Machinery, equipment, mechanical appliances, apparatus and parts thereof	103.8	105.8	104.8	104.8	107.0
All types of transport equipment and parts thereof	107.5	106.5	104.1	105.6	107.3
Optical, photographic, measuring, musical instruments, parts thereof	103.4	105.5	112.6	105.2	111.2

Prices of transport

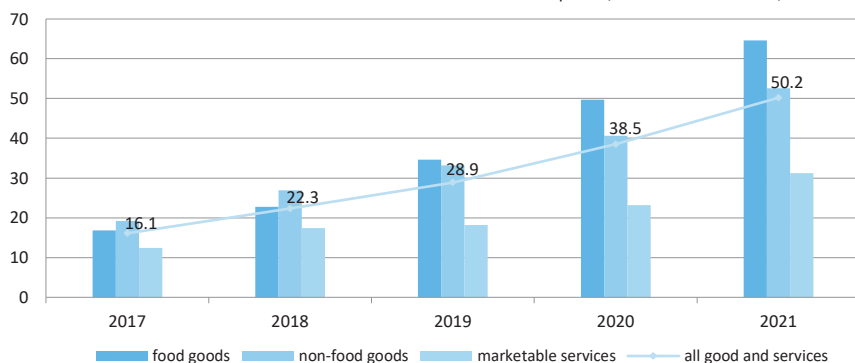
5.10 Index of freight tariffs by all types of transport

at the end of the period as percent of December of the previous year

	2017	2018	2019	2020	2021
Freight transport	106.8	131.1	103.0	102.8	108.8
motor road	100.9	103.9	101.7	100.0	100.5
air	101.7	101.8	101.2	102.4	142.5
internal water	106.2	116.2	110.9	100.0	100.0
pipeline	110.4	109.0	103.4	106.1	116.5

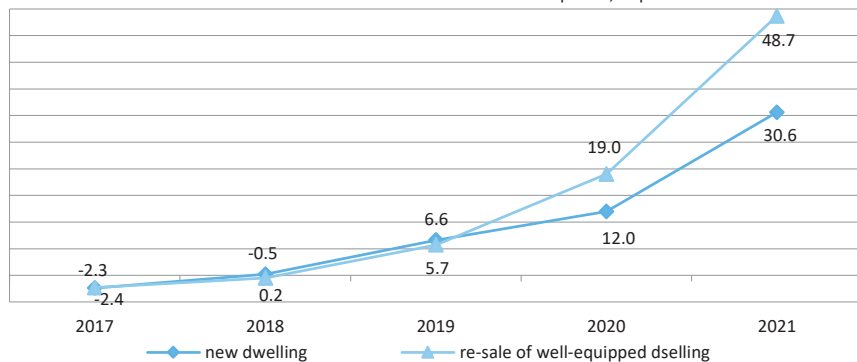
Changes of prices and tariffs for consumer goods and services

at the end of the period, to December of 2010; increased



Changes of prices in the real estate market

at the end of the period, as percent of December of 2000



6

National economy



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6. National economy

Natural resources

Forest area is a part of the forest covered territory of Kazakhstan as well as territory not covered by forest, but used for forestry needs. Forest stock includes forest area, i.e. forest covered territory (actually covered by plantations of trees) and territory not covered by forest, but intended for forestation (burnt out areas, cutting areas, waste grounds, glades, areas of dead plantations). Besides, forest stock includes nonforest areas: agricultural lands, hayfields, pastures), special purpose areas (roads, ditches, country estates etc.), and also swamps, sands, ravines, steep hillsides and other territories.

Forest management is the system of activities comprising demarcation, division of forests into plots, groups and categories (water protection forests, sanitary forests, etc.); inventories of forest resources (forest area and timber stocks); estimation of the size of annual felling area; reforestation and other activities.

Forest content is a ratio of forest covered territory to the whole territory of the Republic.

Total forest stock includes total stock of timber available on the forest covered territory.

Replenishment of valuable forests by young plantations is based on the area referred to the category of the valuable plantations of trees, the grown forest plantations (planting and sowing) and young plantations as a result of measures conducted for natural replenishment, reconstruction of not valuable plantations and maintenance felling.

Reforestation comprises activities aimed at restoration of forests on cutting areas, burnt out areas, waste grounds, glades and other former forest lands. Reforestation includes planting, sowing and measures promoting natural renewal of forests.

Forest planting includes works on planting of seedlings, saplings, cuttings and other planting materials on the forest areas.

Maintenance felling comprises periodical cutting in plantations of a part of trees and bushes, which are carried out from the moment of forming of plantations up to the main felling with the purpose of creation of the necessary composition of plantations and increase of their growth.

Maintenance of young plantations is one of the types of maintenance felling, which includes clarification and cleaning of forests conducted in young plantations usually at the age under 20 years with the purpose of preventing main trees from shadowing by less valuable trees, and also the creation of the necessary composition of plantations.

Sanitary felling is carried out with the purpose of cutting and cleaning of trees infected and damaged by various illnesses and pests, and also cleaning of deadwood and wind-fallen trees. Sanitary felling is divided into sampling and total felling.

Forest felling of main use and reforestation felling are carried out in a ripe stand of trees for storing up of timber. Forest felling of main use is conducted in the forests of the 1 and 2 groups in ways directed to the restoration of forests by valuable wood species and their effective use.

Gross forestry output represents the expenses on cultivation of forest plantations, care of a forest and its maintenance in a state suitable for use.

Gross forestry output is estimated by the sum of actual costs made with the purpose of reproduction and increase of the efficiency of forests, and improvement of their qualitative composition.

6.1 Allocation of lands available by purposes*

at the end of the year; million hectare

	2017	2018	2019	2020	2021
Total land area (territory)	261.9	262.5	262.9	262.9	262.9
of which:					
lands of agricultural enterprises, organizations and citizens	104.1	105.3	106.4	108.6	114.0
lands of industry, transport and for other non-agricultural purposes	2.9	2.2	2.3	2.2	2.2
lands of specially protected territories	7.1	7.2	7.7	7.7	7.8
lands of forest stock	22.9	22.7	22.4	22.4	22.4
lands of water stock	4.1	4.1	4.2	4.2	4.2
lands of reserve	97.0	96.7	95.7	93.6	88.0

* According to the data of the Committee Land resources management of the Ministry of Agriculture of the Republic of Kazakhstan.

6.2 Forest stock*

as of January 1, 2022

	Total forest area, million hectare	Forest content, percent
Republic of Kazakhstan	30.6	5.0
Akmola	3.5	2.6
Aktobe	4.6	0.2
Almaty	17.7	8.9
Atyrau	0.6	0.2
Batys Kazakhstan	0.7	0.6
Zhambyl	14.5	15.9
Karagandy	2.0	0.4
Kostanai	3.8	1.4
Kyzylorda	23.5	16.9
Mangystau	1.6	0.8
Pavlodar	1.6	2.2
Soltustik Kazakhstan	2.2	5.6
Turkistan	11.2	13.3
Shygys Kazakhstan	12.6	7.2

* Hereinafter: according to the Committee of Forestry and Fauna of the Ministry of Agriculture of the Republic of Kazakhstan.

6.3 Main indicators of forest stock

as of January 1, 2022

	2017	2018	2019	2020	2021
Total forest area (including forests handed over for a temporary use). million hectare	29.8	30.1	30.0	30.0	30.6
Forest covered lands, million hectare	12.9	12.9	13.1	13.3	13.6
Total wood stock, million cubic meters	421.9	421.9	443.0	446.3	455.1
The forest content of the territory, percent	4.7	4.7	4.8	4.9	5.0

6.4 Main forestry activities

	2017	2018	2019	2020	2021
Reforestation, thousand hectare	57.21	52.70	63.9	51.29	66.0
of which planting and sowing of forests	44.9	42.9	57.1	45.75	66.0
Replenishment of valuable forests by young plantations, thousand hectare	34.1	34.1	36.1	62.2	50.2
Liquid timber felled, thousand cubic meters of trunk wood	1 108.6	1 170.2	1 050.8	1 135.1	1 324.9
Maintenance and sanitary fellings area, thousand hectare	13.3	12.1	55.3	5.7	87.9

6.5 Forest fires

	2017	2018	2019	2020	2021
Number of forest fires, cases	563	358	628	701	751
Forest area affected by fires, hectare	13 369.0	120 990.9	73 516	41 866	14 794
Damage caused by forest fires, at current prices, million tenge	215.5	209.8	563.5	2 115.5	6 278.4

6.6 State forest natural reserve areas and state national natural parks

	2017	2018	2019	2020	2021
Number of forest natural reserve areas and state national parks	27	30	30	30	31
Their area, thousand hectare	6 852.3	7 404.1	7 404.0	7 406.3	7 335.9
Number of personnel, persons	3 749	3 749	3 749	3 766	4 946

National wealth

National wealth, as covered by the current statistics, is composed of the accumulated tangible and non-tangible assets produced by labor that are disposed by the society at the moment. In accordance with the economic purposes, the national wealth is divided into the following groups: fixed assets, intangible assets, commodity and material stocks. Households' property is taken into account in the structure of fixed assets on buildings and constructions, machinery, livestock and perennial plantations; stocks of agricultural products – in commodity and material stocks. The value of consumer durables held by households is given in the «Memo» item.

Fixed assets are defined as a part of the national wealth produced in the processes of production that is used repeatedly, or continuously, in an invariable material form during a long time in the economy, transferring gradually its value to the goods and services produced.

Fixed assets include buildings and constructions, machines and equipment (material-working and power machines and facilities, measuring and regulating instruments and devices, laboratory equipment, computer techniques), transport facilities, production and technical equipment, working and productive livestock, special tools and other fixed assets.

The availability of the fixed assets and their structure are considered as primary or current value and a balance sheet value.

The primary value is a value of actual costs for the construction or acquisition of fixed assets, including paid unrequited taxes and duties as well as costs for delivery, installation, exploitation and all other expenses directly connected with putting of the asset into operation for its functional use.

Current value is defined as value of fixed assets at current market prices as of certain date.

Balance sheet value is a primary or current value of fixed assets minus value of accrued depreciation, i.e. reporting value of the assets (residual value).

Fixed assets' liquidation (withdrawal) coefficient characterizes reproduction of fixed assets. It is determined as a ratio of fixed assets

withdrawn during the year and those available at the beginning of the year.

Fixed assets' renewal coefficient reflects the proportion of the newly commissioned fixed assets in their amount at the end of the year.

Depreciation of fixed assets is a process of loss of physical and moral characteristics of fixed assets, which reflect an obsolescence of the operational fixed assets.

Intangible assets are assets that do not have physical, natural form, but have an «intangible value» and bring an additional profit to an economic entity during a long period of time or constantly.

Assets considered as intangible ones are trademarks, registered places of commodity origin, goodwill, «know-how», licenses, intellectual property, organizational expenses, rights for the use of natural resources, rights for use of product information, software and other.

Intangible assets are assets in geological prospecting, software, original works of recreation genre, literature and art, and other intangible fixed assets intended for the use for more than one year. New information, special knowledge, etc. are related to other intangible assets that can be used only by one unit being its owner or having the required license.

Intangible non-produced assets are non-produced assets theoretically established by the society. They are verified by the legal or accounting actions as patent grant or assignment of the certain economic profit to the third party. The patenting objects, lease contracts and other assignment contracts, acquired good wills and other intangible non-produced assets are related to this category.

Commodity and material stocks are an important part of national wealth of the country, its most mobile and renewable component. These cover productive commodity and material stocks, work in progress, finished products and goods for resale, material reserves. What makes the material circulating assets particular is that they, participating in one production cycle, change their material form, fully transferring their value to the value of goods and services produced on those.

6.7 Structure of national wealth's value

excluding the value of land, mineral wealth and forests; end of the year

	2016	2017	2018	2019	2020
Billion tenge					
National wealth, total	72 993.1	78 171.9	88 763.5	117 924.2	126 458.0
of which:					
Fixed assets	77 147.5	83 784.4	97 882.4	124 705.8	136 844.7
including:					
goods producing branches	36 094.9	36 427.9	42 159.9	54 118.9	60 990.1
service rendering branches	41 052.6	47 356.5	55 722.4	70 586.9	75 854.6
Intangible assets	1 821.6	2 518.1	3 450.4	4 101.5	3 930.3
Commodity and material stocks	9 173.9	10 607.5	11 229.9	13 260.8	14 560.2
Values	0.0	0.0	0.0	389.7	1 010.5
Financial assets	-15 150.0	-18 738.1	-23 799.2	-24 533.7	-29 887.7
Memo:					
Consumer goods durables*	3 739.5	4 113.4	4 524.8	4 977.3	5 475.0
As percent of total					
National wealth, total	100.0	100.0	100.0	100.0	100.0
of which:					
Fixed assets	105.7	107.2	110.2	105.8	108.2
including:					
goods producing branches	49.5	46.6	47.4	45.9	48.2
service rendering branches	56.2	60.6	62.8	59.9	60.0
Intangible assets	2.5	3.2	3.9	3.5	3.1
Commodity and material stocks	12.6	13.6	12.7	11.2	11.5
Values	0.0	0.0	0.0	0.3	0.8
Financial assets	-20.8	-24.0	-26.8	-20.8	-23.6
Memo:					
Consumer goods durables*	5.1	5.3	5.1	4.2	4.3

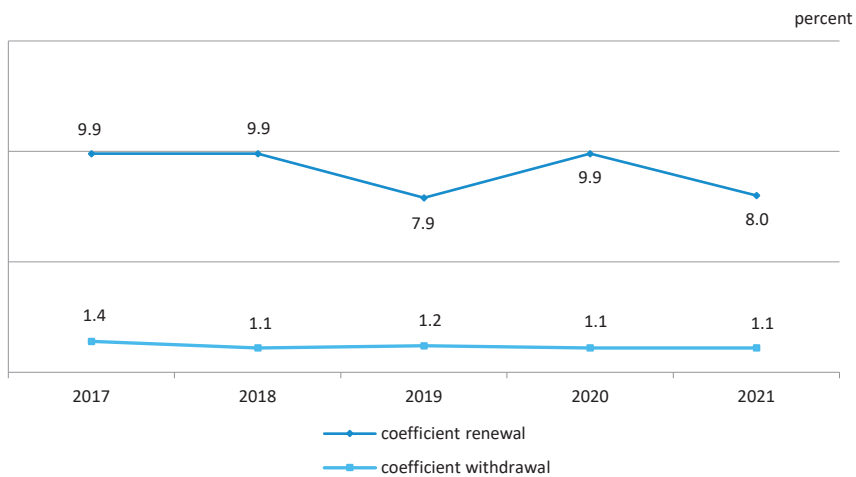
* The data have not been indexed.

6.8 Fixed assets by type of ownership

at the end of the year at primary (current) value; billion tenge

	2017	2018	2019	2020	2021
Total fixed assets	83 784.4	97 882.4	124 705.8	136 844.7	150 849.6
of which by ownership types:					
state-owned	13 571.0	16 212.7	16 849.7	21 537.4	22 814.2
non-state	47 812.8	55 245.5	69 151.6	76 292.3	82 941.6
property of other states, their legal persons and citizens	22 400.5	26 424.1	38 704.6	39 015.0	45 093.9

Coefficient renewal, coefficient with drawal of fixed assets





System of national accounts

The System of National Accounts used in the Republic of Kazakhstan is based on the SNA 93 concepts. It is compiled with the consideration of the peculiarities and functioning of a transition economy.

The SNA provides a comprehensive accounting framework to compile aggregate indicators relating to the economic branch's development at different stages of highlighting production and mutual correspondence of these stages. Each stage has its own special account or a group of accounts. Thus, it enables to monitor the total flows of goods and services produced as well as value added, starting from the initial production stage to the final use stage.

Nowadays the production account, generation of income account, allocation of primary income account, secondary distribution of income account, redistribution of income in kind account, use of income account, capital account and goods and services account for 1990–2005 are being compiled in the Republic of Kazakhstan

Goods and services account is a special summary table. Like all other accounts, it consists of two parts: on the «resources» side the output and imports of goods and services, taxes on products and imports, subsidies on products are recorded; on the «uses» side consumer expenditures on goods and services (intermediate and final), gross fixed capital formation, changes in inventories, and exports are recorded.

Production account records transactions directly linked to the production process. In this account the value added is defined, which is the basis for calculating the gross domestic product, a main aggregate of the development of the economy.

Output is the total value of goods and services produced in the economy in the reporting period.

Output of goods includes such branches as industry, agriculture, forestry, fishery, construction.

Output of services contains services of trade, transport, communications, education, health care and social services, etc.

Intermediate consumption is equal to the value of goods and services, transformed or totally consumed in the current process of production. The intermediate consumption does not include consumption of fixed capital.

Intermediate consumption also covers payments of financial intermediate services indirectly measured (secondary banks).

Gross value added is calculated at the level of the economy branches as the difference between output of goods and services and intermediate consumption. The term «gross» means, that the value added includes the value of fixed capital consumed in the process of production.

Taxes on products are those levied proportionally on the quantity and value of goods and services that are produced, sold and imported by residents. Taxes on products include: value added tax (VAT) for products (works, services) produced on the territory of the country and imported to the country; excise taxes for the selected groups and kinds of goods produced on the territory of the country; international trade taxes; auction sales duties; vehicles transit fees, charges for the use of symbols by legal entities and natural persons.

Subsidies are current unrequited payments from the state budget to enterprises provided to those of them, which are really producing particular goods and services.

Gross domestic product (GDP) by the production method is obtained by adding together the values summed up by branches. Gross domestic product is calculated at the market prices, i.e. it includes net taxes on products and imports. The term «net» means that taxes are represented by fewer related subsidies. It is one of the most important indicators of the System of National Accounts, characterizing the final result of the economic activity of the country.

Generation of income account reflects primary incomes payable by the resident institutional units directly engaged in the process of goods and services production.

An institutional unit is considered to be a resident within a country when it has a point of economic interest in that territory, i.e. when it is engaged or is going to be engaged in some

economic activities or transactions during a long period, usually assimilated to one year.

Compensation of employees is defined as remuneration, in cash or in kind, payable to employees for work completed during the accounting period. Compensation of employees is recorded on the basis of gross amounts and includes contributions to social insurance schemes, income tax deductions, and other payments, payable by employees, even if those are actually deducted by the administration and paid directly to social insurance funds, tax services or any other institutions on behalf of the employees.

Other taxes on production consist of taxes connected with the use of production factors as well as payments for licenses and permits for carrying out any production activity or other compulsory payments that are necessary for carrying out activity of a resident producing unit. These taxes can be levied on land, fixed assets or labour force that is used in the course of production or on the right to carry out certain activities or transactions – land tax, property tax, vehicle tax, licenses for the right to carry out selected activities, environmental pollution tax, etc.

Gross (or net) operating surplus of the economy is the part of the value added which remains with producers after deducting expenditures related to the compensation of employees and taxes on production. The terms «gross» and «net» in this case show that this indicator includes or excludes the consumption of fixed capital in the production process.

The surplus generated as a result of production activity of the enterprises owned by households is called «Gross mixed income», because it reflects both remuneration of work done by the owner of enterprise and entrepreneurial income.

Consumption of fixed capital is defined as the decline, during the accounting period, in the current value of fixed assets used in the process of production as a result of physical depreciation, obsolescence or accidental damages.

Allocation of primary income account characterizes the primary income distribution obtained from the production activity or property among the residential institutional units or sectors.

Property incomes include incomes receivable or payable by institutional units in connection with putting the financial assets, land, and other

non-financial assets (minerals and other natural resources, patents, licenses, etc.) at the disposal of other institutional units.

Balance of primary incomes characterizes income receivable by institutional units as a result of their participation in production or from the property. It is defined as the difference between all primary incomes receivable and payable by residential units. At the level of the total economy the balance of primary incomes calculated on the gross basis, i.e. before the deduction of the fixed capital consumption, is equal to the gross national income. The balance of primary incomes calculated on a net basis (after the deduction of consumption of fixed capital) is equal to the net national income.

Secondary distribution of income account reflects the transformation of the balance of primary incomes by sectors into their disposable incomes, as a result of receipts and payments of current transfers.

Transfer is defined as a transaction in which one institutional unit provides a good, service or asset (financial or non-financial) to another unit without receiving from the latter any good, service or asset in return. The current and capital transfers are being differed. They may be paid either in cash or in kind.

Current transfers include current taxes on income, wealth, etc.; social security contributions and benefits; voluntary payments and gifts of non-capital character, fines, etc.

Disposable income is defined as income left at institutional units' disposal for final consumption and saving. It is equal to the balance of primary incomes minus income payable as current transfers plus current transfers' receivable. The sum of the disposable incomes of all resident institutional units is equal to the gross national disposable income.

At the stage of use, gross domestic product is calculated as the sum of final consumption of goods and services, gross capital formation and net exports (exports minus imports).

Use of disposable income account shows how households, general government and non-profit institutions serving households (NPISHs) distribute their disposable income between the final consumption expenditures and saving.

Final consumption expenditures consist of final consumption expenditures of households, general government, final consumption expenditures on individual goods and services and collective services, and also final consumption expenditures of non-profit institutions serving households.

Such grouping shows, which sector pays for final consumption.

Final consumption expenditures of households include expenditures for purchasing consumer goods and services from all trade enterprises, city markets and through non-organized trade (street vendors), from public service enterprises, passenger transport, communication establishments, hotels, commercial institutions of culture, health care, education, and also other consumption of goods and services in kind, produced for own use (agricultural production of personal subsidiary plots, imputed services of owner-occupied dwellings), and received as labor remuneration.

General government final consumption expenditures on individual goods and services consist of expenditures of government institutions on consumer goods and services intended for personal consumption. Such expenditures are funded from the state budget and extra-budget funds.

General government final consumption expenditures on the collective services include services rendered by the enterprises and organizations which meet needs not of separate households, but of the whole community or its groups and are compensated from the state budget. This indicator includes expenditures on defense, general government, roads, scientific activity, public services and services of institutions serving agriculture financed from the state budget.

Final consumption expenditures of nonprofit institutions serving households are expenditures of public associations on consumer goods and services provided free to households. Also the services provided free by enterprises and organizations to their employees in education, health care and culture are included here.

Gross Fixed Capital Formation is defined as resident units' investments in fixed assets aimed at the new income generation in the future for using it in the production process.

Changes in inventories comprise changes in

productive stocks of semi-finished and finished products, and products for resale.

The value of changes in inventories during the given accounting period is equal to the difference between the value of inventories at the end and at the beginning of the period, estimated at the average market prices of the examined period in order to eliminate the influence of prices.

Capital transfers are defined as free transfers of ownership of capital assets (other than inventories and cash) or finance for their acquisition from one institutional unit to another. Capital transfers are usually nonrecurring and considerable in value transactions connected with the acquisitions or disposals of assets by the participants of the transaction. They include taxes on capital, investment grants, other capital transfers.

Net lending (+) or net borrowing (–) is defined as the excess or deficit of the financial sources over the expenditures on the net acquisition of non-financial assets. At the level of the economy, net lending or net borrowing shows the value of the resources paid to the rest of the world and received from the rest of the world.

Net exports are defined as the difference between exports and imports and include the turnover of the trade of Kazakhstan with foreign countries, including the CIS countries.

Principles of evaluation: In the SNA, valuation is made at the current prices used at the moment of transactions.

Production and use of GDP is valued at the current market prices existing in the period of production or use of products.

In order to eliminate the influence of various taxes and subsidies in different branches of the economy on the structure of production and generation of income, branch indicators are valued at the basic prices.

Basic price is the amount receivable by the producer for a unit of a good or service excluding any taxes on products and imports, but including subsidies on products and imports.

Non-market goods and services are evaluated at the market prices of similar goods and services sold at the market when it is possible to determine them, or, by expenditures on production when market prices are not available (particularly, services of government and non-profit institutions are evaluated in this way).

All indicators at current prices, including changes in inventories and consumption of fixed capital, are evaluated at the average prices of the accounting period.

In the SNA, output, intermediate consumption, operating surplus and increase in inventories are calculated, excluding holding gains (losses), which are defined as the value of products generated due to the changes in prices during the period when the products were held in stocks. In the process of inflation the holding gains (losses) can be very high.

Reevaluation at constant prices (of the previous year) is made for GDP both from the production side and from the use side. The indicators of the production of GDP are reevaluated at constant prices with the double deflation method in which the value added at constant prices is equal to the difference between the value of output and the value of intermediate consumption at constant prices.

Reevaluation at constant prices is made by two methods:

- deflation of data on current prices for the accounting period by the corresponding price indices
- extrapolation of data on current prices for the base year by the volume indices or physical indicators.

To reevaluate the indicators of use of GDP at constant prices relevant price indices (consumer price index, capital investment price index, etc.) and physical indicators were applied.

GDP deflator index is the ratio of GDP at current prices to GDP at constant prices of the previous period. Unlike the goods and services prices index, the GDP deflator measures change in the compensation of employees, operating surplus (including mixed income), and consumption of fixed capital resulting from the changes in prices and nominal net taxes.

6.9 Economic indicators

	2017	2018	2019	2020	2021
Gross domestic product (GDP), million tenge	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2	83 951 587.9
GDP, million US dollars by official rate	166 806.3	179 337.8	181 665.9	171 083.7	197 055.6
Volume indices, as percent of the previous year	104.1	104.1	104.5	97.5	104.3
Deflator, as percent of the previous year	108.4	109.2	107.6	104.2	113.9
GDP per capita, tenge	3 014 720.8	3 382 469.2	3 755 744.6	3 766 810.2	4 417 903.3
GDP per capita, US dollars, by official rate	9 247.6	9 812.5	9 812.5	9 121.7	10 369.9
Volume index of GDP per capita, as percent of the previous year	102.7	102.7	103.2	96.2	102.9
Dollar rate, tenge per 1 US dollar	326.00	344.71	382.75	412.95	426.03

6.10 Main indicators in the System of National Accounts

million tenge

	2016	2017	2018	2019	2020
1. Gross domestic product as total of value added of branches					
Output at basic prices	74 731 304.6	95 418 867.6	102 753 424.6	111 674 103.0	109 694 845.8
Intermediate consumption	30 393 719.1	44 223 008.3	45 046 871.3	46 992 498.2	42 866 610.7
Gross value added at basic prices	44 337 585.5	51 195 859.3	57 706 553.3	64 681 604.8	66 828 235.1
Taxes on products	2 777 016.3	3 371 983.4	4 277 352.3	5 057 371.0	4 069 079.9

	2016	2017	2018	2019	2020
Subsidies on products (-)	143 451.8	188 984.9	164 369.2	206 349.3	248 281.8
Gross domestic product at market prices	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2
2. Gross domestic product as total of incomes					
Compensation of employees	14 253 989.5	16 610 443.3	18 825 518.4	21 199 133.2	22 038 361.4
Taxes on production and imports	3 465 723.7	3 973 441.9	4 890 902.8	5 778 552.1	5 389 948.0
Subsidies on production and imports (-)	143 451.8	188 984.9	164 369.2	206 349.3	248 281.8
Consumption of fixed capital	5 009 473.7	5 726 334.4	6 394 457.4	7 372 240.6	7 579 915.9
Net operating surplus, net mixed income	24 385 414.9	28 257 623.1	31 873 027.0	35 389 049.9	35 889 089.7
Gross domestic product at market prices	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2
3. Use of gross domestic product					
Final consumption expenditure	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7	46 448 870.3
of which:					
households	25 087 440.1	27 986 614.7	31 514 400.6	35 570 705.8	36 660 980.9
government administration	5 463 145.6	5 729 324.8	5 144 127.7	6 349 831.8	9 002 130.9
among which:					
individual goods and services	2 803 834.4	2 840 045.8	2 120 585.0	2 521 921.2	4 639 415.9
collective goods and services	2 659 311.2	2 889 279.0	3 023 542.7	3 827 910.6	4 362 715.0
non-profit institutions serving households (NPISHs)	532 652.8	610 130.8	692 378.8	780 156.1	785 758.5
Gross capital formation	13 070 935.7	14 330 178.9	15 614 509.7	19 210 178.5	20 351 807.2
of which:					
gross fixed capital formation	10 671 499.7	11 798 875.1	13 091 415.8	16 317 522.5	17 463 439.5
changes in inventories	2 399 436.0	2 531 303.8	2 523 093.9	2 892 656.0	2 888 367.7
net acquisition of valuables	...	...	...	...	...
Exports of goods and services	14 957 440.7	17 617 527.7	23 259 735.6	25 336 984.8	21 568 377.5
Imports of goods and services (-)	13 371 609.8	13 283 468.9	16 012 952.6	19 760 914.8	18 720 252.7
Statistical discrepancy	1 231 144.9	1 388 549.8	1 607 336.6	2 045 684.3	1 000 230.9
Gross domestic product at market prices	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2
4. Actual final consumption	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7	46 448 870.3
of which:					
households	28 423 927.3	31 436 791.3	34 327 364.4	38 872 783.1	42 086 155.3
among which:					
households final consumption expenditures	25 087 440.1	27 986 614.7	31 514 400.6	35 570 705.8	36 660 980.9
social transfers in kind	3 336 487.2	3 450 176.6	2 812 963.8	3 302 077.3	5 425 174.4
government administration	2 659 311.2	2 889 279.0	3 023 542.7	3 827 910.6	4 362 715.0
5. Gross domestic product by sectors					
Gross value added at basic prices	44 337 585.5	51 195 859.3	57 706 553.3	64 681 604.8	66 828 235.1
of which by sectors:					
non-financial corporations	32 515 165.8	38 658 146.6	44 193 898.8	49 170 763.1	51 111 952.8
financial corporations	1 668 758.4	2 020 521.6	2 048 002.8	2 233 384.2	2 376 245.1
government administration	2 160 807.0	1 930 752.8	2 022 732.5	2 485 886.9	3 225 565.7

	2016	2017	2018	2019	2020
NPISHs	267 243.1	247 298.4	294 330.0	299 855.1	376 608.2
households	7 725 611.2	8 339 139.9	9 147 589.2	10 491 715.5	9 737 863.3
Taxes on products	2 777 016.3	3 371 983.4	4 277 352.3	5 057 371.0	4 069 079.9
Subsidies on products (-)	143 451.8	188 984.9	164 369.2	206 349.3	248 281.8
Gross domestic product at market prices	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2
6. Gross domestic product by production method					
Gross domestic product	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2
Production of goods	17 161 282.9	20 034 372.9	23 424 694.9	26 071 350.0	27 192 162.8
Production of services	27 176 302.6	31 161 486.4	34 281 858.4	38 610 254.8	39 636 072.3
Gross value added	44 337 585.5	51 195 859.3	57 706 553.3	64 681 604.8	66 828 235.1
Net taxes on products and imports	2 633 564.5	3 182 998.5	4 112 983.1	4 851 021.7	3 820 798.1
7. Main indicators in the SNA					
Gross domestic product	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2
Primary income receivable from the rest of the world:	764 459.0	753 420.7	855 117.9	910 680.7	796 536.9
of which:					
compensation of employees	1 327.6	1 264.9	1 337.5	1 485.1	1 602.3
property income	763 131.4	752 155.8	853 780.4	909 195.6	794 934.6
Primary income payable to the rest of the world	5 214 841.6	6 743 069.0	8 486 599.8	9 728 572.0	7 029 106.2
of which:					
compensation of employees	446 498.2	491 552.0	548 780.7	613 997.4	367 762.7
property income	4 768 343.4	6 251 517.0	7 937 819.1	9 114 574.6	6 661 343.5
Gross national income	42 520 767.4	48 389 209.5	54 188 054.5	60 714 735.2	64 416 463.9
Consumption of fixed capital	5 009 473.7	5 726 334.4	6 394 457.4	7 372 240.6	7 579 915.9
Net national income	37 511 293.7	42 662 875.1	47 793 597.1	53 342 494.6	56 836 548.0
Current transfers receivable from the rest of the world	544 457.6	681 725.8	1 030 576.1	1 160 225.7	1 402 181.7
Current transfers payable to the rest of the world	679 150.4	715 456.7	706 343.2	760 441.7	845 181.8
Net national disposable income	37 376 600.9	42 629 144.2	48 117 830.0	53 742 278.6	57 393 547.9
Final consumption	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7	46 448 870.3
Savings, net	6 293 362.4	8 303 073.9	10 766 922.9	11 041 584.9	10 944 677.6
Capital transfers from the rest of the world, receivable	95 455.5	111 788.6	94 602.6	85 200.8	233 614.8
Capital transfers to the rest of the world, payable	3 754.2	1 456.5	27 762.3	8 762.2	141 633.4
Changes in net worth as a result of savings and capital transfers	6 385 063.7	8 413 406.0	10 833 763.2	11 118 023.5	11 036 659.0
Gross capital formation	13 070 935.7	14 330 178.9	15 614 509.7	19 210 178.5	20 351 807.2
Consumption of fixed capital	5 009 473.7	5 726 334.4	6 394 457.4	7 372 240.6	7 579 915.9
Net acquisition of non-produced non-financial assets	...	...	...	...	...
Statistical discrepancy	1 231 144.9	1 388 549.8	1 607 336.6	2 045 684.3	1 000 230.9
Net lending (+) / net borrowing (-)	-2 907 543.2	-1 578 988.3	6 374.3	-2 765 598.7	-2 735 463.2

6.11 Production and income generation by types of economic activity

at current prices, million tenge

	Output at basic prices	Intermediate consumption	Gross value added	Of which			
				compensation of employees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus and net mixed income
Agriculture, forestry and fishing							
2017	4 818 149.2	2 361 864.6	2 456 284.6	604 736.3	2 345.7	290 751.2	1 558 451.4
2018	5 222 888.5	2 505 389.4	2 717 499.1	669 704.4	2 393.5	295 839.2	1 749 562.0
2019	5 797 448.5	2 691 887.8	3 105 560.7	769 898.6	2 669.1	357 777.7	1 975 215.3
2020	6 934 262.6	3 125 373.5	3 808 889.1	852 360.5	4 228.1	429 425.6	2 522 874.9
2021	8 699 240.7	4 476 474.2	4 222 766.5	952 432.0	12 850.0	475 032.5	2 782 452.0
Industry							
2017	29 862 968.0	15 261 995.9	14 600 972.1	3 854 916.4	428 870.0	1 984 325.0	8 332 860.7
2018	34 969 647.7	17 548 366.8	17 421 280.9	4 567 785.8	437 996.8	2 409 576.6	10 005 921.7
2019	36 539 597.3	17 385 104.8	19 154 492.5	5 039 977.0	514 787.7	2 645 159.6	10 954 568.2
2020	34 055 636.7	14 957 465.3	19 098 171.4	4 940 561.4	946 986.1	2 572 856.4	10 637 767.5
2021	46 336 389.3	21 494 794.2	24 841 595.1	6 361 161.8	494 616.2	3 403 165.9	14 582 651.2
Mining and quarrying							
2017	14 909 860.6	7 488 166.2	7 421 694.4	1 613 611.5	335 800.3	1 139 173.9	4 333 108.7
2018	18 457 157.9	9 252 507.9	9 204 650.0	1 978 957.3	336 297.6	1 441 987.2	5 447 407.9
2019	19 155 320.3	9 123 210.8	10 032 109.5	2 188 129.9	395 877.9	1 580 701.0	5 867 400.7
2020	14 923 574.6	6 326 739.1	8 596 835.5	1 875 047.9	725 031.2	1 397 224.3	4 599 532.1
2021	21 424 745.8	9 537 867.4	11 886 878.4	2 593 056.6	266 637.8	1 931 244.9	7 095 939.1
Manufacturing							
2017	12 643 299.5	6 509 279.0	6 134 020.5	1 718 849.2	74 478.6	647 463.4	3 693 229.3
2018	13 964 363.2	6 899 241.6	7 065 121.6	2 011 142.0	82 525.1	755 462.2	4 215 992.3
2019	14 955 021.7	6 982 157.6	7 972 864.1	2 274 176.4	96 372.2	850 533.7	4 751 781.8
2020	16 631 523.5	7 395 905.9	9 235 617.6	2 495 529.6	180 676.5	962 233.1	5 597 178.4
2021	21 629 456.5	10 204 690.8	11 424 765.7	3 080 998.2	151 097.2	1 214 409.9	6 978 260.4
Electricity, gas, steam and air conditioning supply							
2017	1 923 005.7	1 019 483.0	903 522.7	444 530.0	15 505.6	172 790.3	270 696.8
2018	2 142 721.4	1 147 300.9	995 420.5	490 697.4	16 028.4	183 411.6	305 283.1
2019	1 997 431.2	1 016 636.0	980 795.2	483 350.6	18 840.1	182 939.0	295 665.5
2020	2 096 713.4	999 588.3	1 097 125.1	476 099.5	34 506.4	185 072.5	401 446.7
2021	2 598 346.2	1 288 301.9	1 310 044.3	564 721.4	64 794.8	220 812.3	459 715.8
Water supply; sewerage, waste management and remediation activities							
2017	386 802.2	245 067.7	141 734.5	77 925.7	3 085.5	24 897.4	35 825.9
2018	405 405.2	249 316.4	156 088.8	86 989.1	3 145.7	28 715.6	37 238.4
2019	431 824.1	263 100.4	168 723.7	94 320.1	3 697.5	30 985.9	39 720.2
2020	403 825.2	235 232.0	168 593.2	93 884.4	6 772.0	28 326.5	39 610.3
2021	683 840.8	463 934.1	219 906.7	122 385.6	12 086.4	36 698.8	48 735.9
Construction							
2017	6 199 135.0	3 222 018.8	2 977 116.2	1 321 412.2	11 211.2	559 549.2	1 084 943.6
2018	6 503 983.3	3 218 068.4	3 285 914.9	1 468 853.2	11 769.1	628 493.0	1 176 799.6
2019	6 884 248.2	3 072 951.4	3 811 296.8	1 710 592.7	13 833.7	726 597.2	1 360 273.2

	Output at basic prices	Intermediate consumption	Gross value added	Of which			
				compensation of employees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus and net mixed income
2020	6 582 338.9	2 297 236.6	4 285 102.3	1 823 224.0	25 336.9	820 183.8	1 616 357.6
2021	8 520 907.1	3 755 354.8	4 765 552.3	2 024 922.3	68 838.8	916 098.3	1 755 692.9
Wholesale and retail trade; repair of motor vehicles and motorcycles							
2017	17 444 103.0	8 302 941.1	9 141 161.9	3 257 217.2	20 780.4	660 845.2	5 202 319.1
2018	17 327 818.6	6 961 312.5	10 366 506.1	3 683 312.8	21 189.0	694 323.9	5 967 680.4
2019	17 851 709.5	6 063 345.5	11 788 364.0	4 167 917.1	24 906.0	845 052.0	6 750 488.9
2020	17 518 668.2	5 352 630.6	12 166 037.6	4 204 272.7	45 616.1	836 067.9	7 080 080.9
2021	20 704 495.0	6 598 300.4	14 106 194.6	4 869 110.5	93 810.7	980 071.4	8 163 202.0
Transportation and storage							
2017	8 015 982.9	3 562 308.2	4 453 674.7	1 158 840.4	51 286.4	798 397.4	2 445 150.5
2018	9 060 442.2	3 994 961.7	5 065 480.5	1 388 637.9	51 686.0	903 338.3	2 721 818.3
2019	10 195 660.3	4 605 809.7	5 589 850.6	1 473 417.3	61 475.1	1 008 130.6	3 046 827.6
2020	8 212 476.0	3 387 812.2	4 824 663.8	1 274 800.3	109 118.2	1 005 064.3	2 435 681.0
2021	9 722 576.1	4 003 819.1	5 718 757.0	1 590 603.1	134 259.2	1 258 305.7	2 735 589.0
Accommodation and food service activities							
2017	926 204.8	280 737.7	645 467.1	237 180.8	2 640.4	48 993.7	356 652.2
2018	1 029 798.1	325 940.6	703 857.5	274 164.5	2 753.6	51 872.8	375 066.6
2019	1 114 071.5	320 741.9	793 329.6	306 732.6	2 765.7	62 639.4	421 191.9
2020	1 093 918.8	371 182.8	722 736.0	266 251.6	5 066.8	51 977.1	399 440.5
2021	1 568 789.1	756 036.9	812 752.2	299 790.4	13 734.3	58 706.8	440 520.7
Information and communication							
2017	1 690 240.7	600 978.9	1 089 261.8	472 862.4	14 441.0	132 569.5	469 388.9
2018	1 647 289.7	464 608.1	1 182 681.6	508 946.1	14 731.4	134 010.4	524 993.7
2019	2 033 540.7	683 978.8	1 349 561.9	565 071.7	17 315.5	153 868.9	613 305.8
2020	2 169 189.6	498 628.6	1 670 561.0	646 198.1	31 714.1	175 247.8	817 401.0
2021	2 924 154.3	971 997.6	1 952 156.7	767 531.0	30 170.7	206 293.8	948 161.2
Financial and insurance activities							
2017	3 054 695.6	1 034 174.0	2 020 521.6	695 206.7	17 225.8	75 586.5	1 232 502.6
2018	3 156 769.6	1 108 766.8	2 048 002.8	717 271.8	17 569.0	77 259.1	1 235 902.9
2019	3 723 067.6	1 489 683.4	2 233 384.2	824 398.7	20 651.1	84 337.3	1 303 997.1
2020	3 804 551.4	1 428 306.3	2 376 245.1	875 598.1	37 823.1	92 533.2	1 370 290.7
2021	4 132 342.5	1 694 126.5	2 438 216.0	897 983.0	49 779.9	92 820.2	1 397 632.9
Real estate activities							
2017	6 539 325.2	2 023 961.7	4 515 363.5	301 672.7	22 445.0	498 557.9	3 692 687.9
2018	6 434 621.1	1 640 973.4	4 793 647.7	320 412.3	22 275.0	560 838.7	3 890 121.7
2019	7 134 441.7	1 911 750.8	5 222 690.9	353 020.8	26 182.5	637 554.2	4 205 933.4
2020	7 284 923.8	2 137 274.8	5 147 649.0	329 400.4	47 954.1	652 702.8	4 117 591.7
2021	8 568 510.3	3 082 107.1	5 486 403.2	385 429.3	40 295.4	692 082.3	4 368 596.2
Professional, scientific and technical activities							
2017	4 132 943.9	1 675 545.0	2 457 398.9	995 204.5	15 343.2	108 572.7	1 338 278.5
2018	4 521 298.1	1 778 371.2	2 742 926.9	1 111 658.9	15 647.8	113 112.7	1 502 507.5
2019	5 021 052.9	1 958 303.0	3 062 749.9	1 233 529.0	18 394.6	126 360.2	1 684 466.1

	Output at basic prices	Intermediate consumption	Gross value added	Of which			
				compensation of employees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus and net mixed income
2020	4 335 696.5	1 415 759.1	2 919 937.4	1 134 471.4	33 690.1	125 257.0	1 626 518.9
2021	5 534 556.5	2 428 009.9	3 106 546.6	1 205 584.1	59 693.6	131 654.7	1 709 614.2
Administrative and support service activities							
2017	2 167 301.8	926 534.5	1 240 767.3	623 991.6	7 337.9	58 729.4	550 708.4
2018	2 281 162.2	909 729.4	1 371 432.8	700 718.5	7 486.5	65 930.4	597 297.4
2019	2 379 460.0	779 145.1	1 600 314.9	831 979.6	8 799.7	77 144.8	682 390.8
2020	2 390 096.3	780 275.3	1 609 821.0	833 462.3	16 117.2	77 297.8	682 943.7
2021	3 472 061.5	1 730 233.0	1 741 828.5	884 976.2	40 971.0	82 973.4	732 907.9
Public administration and defence; compulsory social security							
2017	2 244 750.9	1 330 221.3	914 529.6	672 672.7	721.8	241 135.1	-
2018	2 250 232.1	1 316 214.5	934 017.6	744 643.7	870.6	188 503.3	-
2019	3 235 577.8	2 060 237.4	1 175 340.4	854 621.1	958.3	319 761.0	-
2020	3 499 620.9	2 156 627.2	1 342 993.7	1 005 585.6	1 755.2	335 652.9	-
2021	3 648 585.9	2 115 479.3	1 533 106.6	1 188 869.4	55 331.5	288 905.7	-
Education							
2017	2 581 599.3	1 052 634.8	1 528 964.5	1 135 434.4	2 192.0	78 572.7	312 765.4
2018	2 749 287.5	1 091 837.1	1 657 450.4	1 228 409.5	2 246.2	91 828.2	334 966.5
2019	3 163 716.0	1 304 440.7	1 859 275.3	1 438 860.8	2 640.3	132 307.9	285 466.3
2020	3 913 138.4	1 340 358.7	2 572 779.7	1 922 521.4	4 835.7	160 702.9	484 719.7
2021	5 689 752.9	2 443 873.1	3 245 879.8	2 370 654.1	109 176.9	123 625.0	642 423.8
Human health and social work activities							
2017	2 438 671.4	1 362 827.9	1 075 843.5	585 942.5	1 899.5	105 696.2	382 305.3
2018	1 768 787.5	596 033.2	1 172 754.3	658 050.0	1 730.9	87 599.2	425 374.2
2019	2 498 595.2	1 172 270.3	1 326 324.9	773 427.7	2 034.5	78 656.6	472 206.1
2020	4 631 772.0	2 826 975.8	1 804 796.2	1 052 053.6	3 726.2	116 254.1	632 762.3
2021	6 559 415.1	4 099 495.2	2 459 919.9	1 427 907.0	64 132.0	139 304.1	828 576.8
Arts, entertainment and recreation							
2017	688 611.6	272 875.6	415 736.0	243 395.6	962.3	62 423.5	108 954.6
2018	888 803.0	438 708.4	450 094.6	264 359.7	1 104.9	69 904.8	114 725.2
2019	838 519.1	329 826.3	508 692.8	299 114.7	1 298.8	84 735.5	123 543.8
2020	969 409.0	329 728.4	639 680.6	341 970.7	2 378.9	99 512.6	195 818.4
2021	1 543 699.8	812 372.4	731 327.4	386 522.8	12 979.5	104 391.6	227 433.5
Other service activities							
2017	2 540 415.8	918 448.9	1 621 966.9	428 573.7	1 672.0	21 629.2	1 170 092.0
2018	2 860 769.8	1 111 704.9	1 749 064.9	494 796.3	2 012.5	22 026.8	1 230 229.3
2019	3 171 524.3	1 117 589.4	2 053 934.9	531 265.7	2 365.4	32 157.7	1 488 146.1
2020	2 218 080.3	429 502.1	1 788 578.2	510 135.4	4 332.5	29 179.7	1 244 930.6
2021	3 374 177.3	1 494 861.6	1 879 315.7	510 267.4	18 772.9	30 127.9	1 320 147.5
Activities of households as employers; undifferentiated goods and services-producing activities of households for own use							
2017	73 768.5	32 939.4	40 829.1	21 183.2	83.9	-	19 562.0
2018	79 825.6	35 884.9	43 940.7	23 793.0	87.7	-	20 060.0

Continuation

	Output at basic prices	Intermediate consumption	Gross value added	Of which			
				compensation of employees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus and net mixed income
2019	91 872.4	45 431.9	46 440.5	25 308.1	103.1	-	21 029.3
2020	81 066.4	31 473.4	49 593.0	25 493.9	188.8	-	23 910.3
2021	92 527.8	38 775.6	53 752.2	27 793.4	-	-	25 958.8
Total for branches							
2017	95 418 867.6	44 223 008.3	51 195 859.3	16 610 443.3	601 458.5	5 726 334.4	28 257 623.1
2018	102 753 424.6	45 046 871.3	57 706 553.3	18 825 518.4	613 550.5	6 394 457.4	31 873 027.0
2019	111 674 103.0	46 992 498.2	64 681 604.8	21 199 133.2	721 181.1	7 372 240.6	35 389 049.9
2020	109 694 845.8	42 866 610.7	66 828 235.1	22 038 361.4	1 320 868.1	7 579 915.9	35 889 089.7
2021	141 092 181.2	61 996 110.9	79 096 070.3	26 151 537.8	1 299 412.6	8 983 559.3	42 661 560.6
Taxes on products							
2017	-	-	3 371 983.4	-	-	-	-
2018	-	-	4 277 352.3	-	-	-	-
2019	-	-	5 057 371.0	-	-	-	-
2020	-	-	4 069 079.9	-	-	-	-
2021	-	-	5 161 134.0	-	-	-	-
Subsidies on products (-)							
2017	-	-	188 984.9	-	-	-	-
2018	-	-	164 369.2	-	-	-	-
2019	-	-	206 349.3	-	-	-	-
2020	-	-	248 281.8	-	-	-	-
2021	-	-	305 616.4	-	-	-	-
Gross domestic product at market prices							
2017	-	-	54 378 857.8	-	-	-	-
2018	-	-	61 819 536.4	-	-	-	-
2019	-	-	69 532 626.5	-	-	-	-
2020	-	-	70 649 033.2	-	-	-	-
2021	-	-	83 951 587.9	-	-	-	-

6.12 Production and income generation by types of economic activity for household sector

at current prices, million tenge

	Output at basic prices	Intermediate consumption	Gross value added	Of which			
				compensation of employees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus, net mixed income
Agriculture, forestry ang fishing							
2017	2 151 321.8	969 257.3	1 182 064.5	256 241.7	1 157.8	144 612.8	780 052.2
2018	2 300 686.6	1 020 315.1	1 280 371.5	272 760.1	864.3	128 623.7	878 123.4
2019	2 464 557.8	1 084 462.2	1 380 095.6	291 582.7	945.3	147 758.3	939 809.3
2020	2 834 818.9	1 175 240.7	1 659 578.2	323 316.7	1 559.1	172 558.5	1 162 143.9
2021	3 426 750.8	1 600 740.6	1 826 010.2	360 629.5	5 060.9	189 644.7	1 270 675.1

	Output at basic prices	Intermediate consumption	Gross value added	Of which			
				compensation of em- ployees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus, net mixed income
Manufacturing							
2017	345 878.6	102 971.9	242 906.7	28 777.7	1 023.7	15 127.6	197 977.7
2018	372 524.6	103 808.2	268 716.4	15 194.0	1 197.7	18 408.3	233 916.4
2019	435 888.0	108 474.3	327 413.7	16 464.6	1 397.4	22 923.9	286 627.8
2020	466 948.5	90 423.6	376 524.9	18 790.2	2 279.7	25 675.0	329 778.1
2021	545 792.2	138 154.7	407 637.5	20 593.6	2 572.2	28 116.3	356 355.4
Construction							
2017	529 679.0	286 274.0	243 405.0	135 413.8	916.6	45 329.3	61 745.3
2018	564 436.7	279 974.7	284 462.0	160 149.6	1 018.9	54 367.4	68 926.1
2019	640 014.9	266 854.1	373 160.8	196 435.4	1 354.4	71 118.4	104 252.6
2020	692 889.1	228 796.9	464 092.2	213 886.8	2 744.1	88 785.5	158 675.8
2021	802 150.9	335 716.2	466 434.7	213 864.9	6 730.3	87 233.2	158 606.3
Wholesale and retail trade; repair of motor vehicles and motorcycles							
2017	466 826.0	240 663.0	226 163.0	179 575.0	809.9	14 671.1	31 107.0
2018	405 073.6	174 374.4	230 699.2	192 710.3	473.6	12 442.7	25 072.6
2019	384 150.0	122 291.7	261 858.3	213 199.0	554.0	15 808.7	32 296.6
2020	135 471.6	38 422.7	97 048.9	79 213.3	330.2	5 280.6	12 224.8
2021	156 697.3	56 103.6	100 593.7	80 775.1	799.9	5 669.6	13 349.1
Transportation and storage							
2017	3 234 237.9	1 223 936.5	2 010 301.4	140 226.3	21 262.0	21 792.4	1 827 020.7
2018	3 629 351.4	1 428 598.1	2 200 753.3	227 998.2	19 858.2	11 903.1	1 940 993.8
2019	4 210 913.4	1 613 293.8	2 597 619.6	253 655.6	25 909.7	11 576.8	2 306 477.5
2020	2 933 355.0	1 005 910.4	1 927 444.6	172 889.6	2 890.1	11 548.5	1 740 116.4
2021	3 050 686.3	1 031 005.4	2 019 680.9	176 369.1	37 754.8	11 931.0	1 793 626.0
Accommodation and food service activities							
2017	56 378.3	15 222.2	41 156.1	20 293.0	82.3	7 907.0	12 873.8
2018	62 795.7	19 646.6	43 149.1	20 791.5	55.7	7 225.9	15 076.0
2019	70 002.5	20 706.9	49 295.6	23 798.2	44.1	7 458.1	17 995.2
2020	19 711.2	8 952.3	10 758.9	5 240.5	250.0	1 741.0	3 527.4
2021	25 567.1	9 793.6	15 773.5	7 565.7	156.8	2 509.5	5 541.5
Information and communication							
2017	1 003.9	203.8	800.1	516.7	3.5	77.3	202.6
2018	603.9	120.8	483.1	286.1	1.7	50.4	144.9
2019	1 975.4	395.1	1 580.3	951.7	5.6	165.8	457.2
2020	359.9	72.0	287.9	160.9	1.3	29.1	96.6
2021	2 269.8	454.0	1 815.8	997.1	37.7	178.1	602.9
Real estate activities							
2017	4 328 473.3	1 313 645.3	3 014 828.0	22 230.6	15 682.9	364 895.2	2 612 019.3
2018	4 510 598.3	1 134 338.4	3 376 259.9	49 689.5	16 762.7	445 262.4	2 864 545.3
2019	5 102 597.4	1 450 688.3	3 651 909.1	53 938.5	19 458.6	470 209.8	3 108 302.2
2020	5 594 088.0	1 771 710.1	3 822 377.9	49 505.3	37 518.2	495 979.8	3 239 374.6
2021	5 901 293.2	2 019 299.4	3 881 993.8	50 334.3	28 892.2	504 495.2	3 298 272.1

	Output at basic prices	Intermediate consumption	Gross value added	Of which			
				compensation of employees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus, net mixed income
Professional, scientific and technical activities							
2017	2 041.5	449.4	1 592.1	840.7	17.1	42.9	691.4
2018	1 465.2	305.0	1 160.2	672.7	11.4	35.6	440.5
2019	2 969.3	600.9	2 368.4	1 373.7	26.2	70.6	897.9
2020	1 656.4	331.4	1 325.0	728.8	35.1	46.7	514.4
2021	5 086.9	1 017.5	4 069.4	2 095.7	87.6	147.1	1 739.0
Administrative and support service activities							
2017	124 160.5	29 438.1	94 722.4	30 520.1	342.0	5 899.8	57 960.5
2018	136 647.4	40 323.0	96 324.4	31 511.8	274.8	5 575.2	58 962.6
2019	118 194.1	46 971.7	71 222.4	26 206.0	198.6	4 353.2	40 464.6
2020	54 197.5	17 343.2	36 854.3	12 034.9	149.5	1 778.5	22 891.4
2021	194 229.5	115 760.8	78 468.7	20 285.6	885.4	4 549.4	52 748.3
Education							
2017	367 285.6	129 367.3	237 918.3	14 822.2	234.5	2 952.5	219 909.1
2018	391 685.4	122 306.6	269 378.8	21 131.3	325.1	5 429.4	242 493.0
2019	400 004.6	150 709.1	249 295.5	19 315.9	354.0	9 563.6	220 062.0
2020	551 822.2	138 719.1	413 103.1	26 334.4	764.3	20 900.1	365 104.3
2021	853 439.2	316 189.4	537 249.8	33 965.8	7 732.1	32 051.1	463 500.8
Human health and social work activities							
2017	114 847.7	22 687.0	92 160.7	34 934.3	161.2	4 118.3	52 946.9
2018	139 641.1	28 229.0	111 412.1	40 201.6	152.9	1 052.5	70 005.1
2019	643 489.8	354 651.3	288 838.5	112 395.8	382.2	22 677.7	153 382.8
2020	957 197.8	527 613.0	429 584.8	156 616.5	372.2	40 133.7	232 462.4
2021	851 629.8	466 136.0	385 493.8	140 997.7	1 345.9	35 723.4	207 426.8
Arts, entertainment and recreation							
2017	13 011.8	2 311.8	10 700.0	3 443.1	14.1	1 293.2	5 949.6
2018	24 119.3	8 341.8	15 777.5	5 241.9	22.7	2 066.9	8 446.0
2019	21 062.1	5 416.2	15 645.9	5 312.0	20.9	2 217.7	8 095.3
2020	1 340.9	367.8	973.1	274.6	3.1	146.8	548.6
2021	10 049.0	2 054.2	7 994.8	2 156.1	184.1	1 165.9	4 488.7
Other service provision							
2017	1 449 616.0	550 023.5	899 592.5	35 095.2	433.3	10 973.8	853 090.2
2018	1 668 581.4	743 880.4	924 701.0	36 563.3	430.6	11 411.8	876 295.3
2019	1 840 371.3	665 400.0	1 174 971.3	45 251.2	533.5	18 179.9	1 111 006.7
2020	624 202.2	175 885.7	448 316.5	1 057.2	449.2	8 001.6	438 808.5
2021	786 825.2	274 785.2	512 040.0	1 206.3	2 489.1	9 065.4	499 279.2
Activities of households as employers; undifferentiated goods and services-producing activities of households for own use							
2017	73 768.5	32 939.4	40 829.1	21 183.2	83.9	-	19 562.0
2018	79 825.6	35 884.9	43 940.7	23 793.0	87.7	-	20 060.0
2019	91 872.4	45 431.9	46 440.5	25 308.1	103.1	-	21 029.3
2020	81 066.4	31 473.4	49 593.0	25 493.9	188.8	-	23 910.3
2021	92 527.8	38 775.6	53 752.2	27 793.4	-	-	25 958.8

	Output at basic prices	Intermediate consumption	Gross value added	Of which			
				compensation of employees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus, net mixed income
Total for branches							
2017	13 258 530.4	4 919 390.5	8 339 139.9	924 113.6	42 224.8	639 693.2	6 733 108.3
2018	14 288 036.2	5 140 447.0	9 147 589.2	1 098 694.9	41 538.0	703 855.3	7 303 501.0
2019	16 428 063.0	5 936 347.5	10 491 715.5	1 285 188.4	51 287.6	804 082.5	8 351 157.0
2020	14 949 125.6	5 211 262.3	9 737 863.3	1 085 543.6	49 534.9	872 605.4	7 730 179.4
2021	16 705 076.5	6 406 002.5	10 299 074.0	1 139 652.0	94 732.2	912 489.2	8 152 200.6

6.13 Gross domestic product, volume indices, deflators and structure of GDP

	At current prices, million tenge	Volume index, in percent to the previous year	Deflator	Share of branches of the economy in total volume of GDP, in percent
Gross domestic product				
2017	54 378 857.8	104.1	108.4	100.0
2018	61 819 536.4	104.1	109.2	100.0
2019	69 532 626.5	104.5	107.6	100.0
2020	70 649 033.2	97.5	104.2	100.0
2021	83 951 587.9	104.3	113.9	100.0
Production of goods				
2017	20 034 372.9	106.4	108.5	36.9
2018	23 424 694.9	104.3	112.1	37.9
2019	26 071 350.0	104.9	106.1	37.4
2020	27 192 162.8	102.0	102.2	38.6
2021	33 829 913.9	103.5	120.2	40.4
Agriculture, forestry and fishing				
2017	2 456 284.6	103.2	107.4	4.6
2018	2 717 499.1	103.8	106.6	4.4
2019	3 105 560.7	99.9	114.4	4.4
2020	3 808 889.1	105.9	115.9	5.4
2021	4 222 766.5	97.8	113.4	5.1
Industry				
2017	14 600 972.1	107.7	109.6	26.8
2018	17 421 280.9	104.4	114.3	28.2
2019	19 154 492.5	104.1	105.6	27.5
2020	19 098 171.4	99.5	100.2	27.1
2021	24 841 595.1	103.6	125.6	29.6
Construction				
2017	2 977 116.2	102.8	104.2	5.5
2018	3 285 914.9	104.6	105.5	5.3
2019	3 811 296.8	113.2	102.5	5.5
2020	4 285 102.3	111.6	100.7	6.1
2021	4 765 552.3	108.3	102.7	5.7

	At current prices, million tenge	Volume index, in percent to the previous year	Deflator	Share of branches of the economy in total volume of GDP, in percent
Production of services				
2017	31 161 486.4	102.5	107.8	57.2
2018	34 281 858.4	103.9	105.9	55.5
2019	38 610 254.8	104.4	107.9	55.6
2020	39 636 072.3	94.7	108.4	56.0
2021	45 266 156.4	104.4	109.4	53.8
Wholesale and retail trade; repair of motor vehicles and motorcycles				
2017	9 141 161.9	103.2	107.5	16.8
2018	10 366 506.1	107.4	105.6	16.8
2019	11 788 364.0	107.1	106.2	17.0
2020	12 166 037.6	96.7	106.7	17.2
2021	14 106 194.6	104.7	110.7	16.8
Transportation and storage				
2017	4 453 674.7	104.8	106.5	8.2
2018	5 065 480.5	104.6	108.7	8.2
2019	5 589 850.6	105.4	104.7	8.0
2020	4 824 663.8	77.3	111.7	6.8
2021	5 718 757.0	109.9	107.8	6.8
Accommodation and food service activities				
2017	645 467.1	103.5	111.6	1.1
2018	703 857.5	102.5	106.4	1.1
2019	793 329.6	103.1	109.3	1.1
2020	722 736.0	80.9	112.6	1.0
2021	812 752.2	105.4	106.7	1.0
Information and communication				
2017	1 089 261.8	103.2	106.6	2.0
2018	1 182 681.6	104.1	104.3	1.9
2019	1 349 561.9	104.5	109.2	2.0
2020	1 670 561.0	110.5	112.0	2.4
2021	1 952 156.7	112.3	104.1	2.3
Financial and insurance activities				
2017	2 020 521.6	100.7	109.3	3.7
2018	2 048 002.8	95.9	105.7	3.3
2019	2 233 384.2	100.8	108.2	3.2
2020	2 376 245.1	101.1	105.3	3.4
2021	2 438 216.0	100.6	102.0	2.8
Real estate activities				
2017	4 515 363.5	102.0	108.0	8.3
2018	4 793 647.7	103.0	103.1	7.8
2019	5 222 690.9	102.0	106.9	7.5
2020	5 147 649.0	100.0	98.5	7.2
2021	5 486 403.2	102.7	103.7	6.5
Professional, scientific and technical activities				
2017	2 457 398.9	97.9	108.1	4.6
2018	2 742 926.9	103.0	108.4	4.4

	At current prices, million tenge	Volume index, in percent to the previous year	Deflator	Share of branches of the economy in total volume of GDP, in percent
2019	3 062 749.9	101.4	110.1	4.4
2020	2 919 937.4	94.9	100.5	4.1
2021	3 106 546.6	101.9	104.4	3.7
Administrative and support service activities				
2017	1 240 767.3	101.3	118.3	2.2
2018	1 371 432.8	102.1	108.3	2.2
2019	1 600 314.9	102.2	114.2	2.3
2020	1 609 821.0	95.5	105.4	2.3
2021	1 741 828.5	100.0	108.2	2.0
Public administration and defence; compulsory social security				
2017	914 529.6	101.9	100.8	1.7
2018	934 017.6	101.3	100.8	1.5
2019	1 175 340.4	108.4	116.1	1.7
2020	1 342 993.7	101.4	112.7	1.9
2021	1 533 106.6	104.7	109.0	1.8
Education				
2017	1 528 964.5	103.4	105.0	2.8
2018	1 657 450.4	103.8	104.4	2.7
2019	1 859 275.3	106.5	105.3	2.7
2020	2 572 779.7	105.6	131.0	3.6
2021	3 245 879.8	103.2	122.3	3.9
Human health and social work activities				
2017	1 075 843.5	103.0	109.7	2.0
2018	1 172 754.3	101.4	107.5	1.9
2019	1 326 324.9	101.9	110.9	1.9
2020	1 804 796.2	103.7	131.2	2.6
2021	2 459 919.9	103.2	132.0	2.9
Arts, entertainment and recreation				
2017	415 736.0	104.6	107.0	0.7
2018	450 094.6	103.7	104.4	0.8
2019	508 692.8	100.3	112.7	0.7
2020	639 680.6	103.4	121.6	0.9
2021	731 327.4	105.3	108.6	0.9
Other service activities				
2017	1 621 966.9	101.8	107.9	3.0
2018	1 749 064.9	101.9	105.9	2.8
2019	2 053 934.9	101.3	115.9	3.0
2020	1 788 578.2	82.9	105.1	2.5
2021	1 879 315.7	100.4	104.7	2.3
Activities of households as employers; undifferentiated goods and services-producing activities of households for own use				
2017	40 829.1	104.1	107.4	0.1
2018	43 940.7	101.5	106.0	0.1
2019	46 440.5	100.4	105.3	0.1

Continuation

	At current prices, million tenge	Volume index, in percent to the previous year	Deflator	Share of branches of the economy in total volume of GDP, in percent
2020	49 593.0	100.0	106.8	0.1
2021	53 752.2	100.4	108.0	0.1
Gross value added				
	44 337 585.5	101.2	113.0	94.4
2017	51 195 859.3	104.0	108.1	94.1
2018	57 706 553.3	104.1	108.3	93.4
2019	64 681 604.8	104.6	107.2	93.0
2020	66 828 235.1	97.7	105.8	94.6
2021	79 096 070.3	104.1	113.7	94.2
Taxes on products				
2017	3 371 983.4	106.1	114.4	6.2
2018	4 277 352.3	104.3	121.6	6.9
2019	5 057 371.0	104.1	113.6	7.3
2020	4 069 079.9	95.4	84.3	5.8
2021	5 161 134.0	108.1	117.3	6.1
Subsidies on products				
2017	188 984.9	103.6	127.2	0.3
2018	164 369.2	103.7	83.9	0.3
2019	206 349.3	102.6	122.4	0.3
2020	248 281.8	100.9	119.2	0.4
2021	305 616.4	104.1	118.2	0.4

6.14 Gross domestic product by final expenditure

at current prices, million tenge

	2017	2018	2019	2020	2021
Final consumption expenditure	34 326 070.3	37 350 907.1	42 700 693.7	46 448 870.3	51 946 825.3
of which:					
households	27 986 614.7	31 514 400.6	35 570 705.8	36 660 980.9	41 439 914.5
government administration	5 729 324.8	5 144 127.7	6 349 831.8	9 002 130.9	9 592 758.3
among which:					
individual goods and services	2 840 045.8	2 120 585.0	2 521 921.2	4 639 415.9	5 228 551.0
collective services	2 889 279.0	3 023 542.7	3 827 910.6	4 362 715.0	4 364 207.3
non-profit institutions serving households	610 130.8	692 378.8	780 156.1	785 758.5	914 152.5
Gross capital formation	14 330 178.9	15 614 509.7	19 210 178.5	20 351 807.2	21 976 860.2
of which:					
gross fixed capital formation	11 798 875.1	13 091 415.8	16 317 522.5	17 463 439.5	19 275 864.0
changes in inventories	2 531 303.8	2 523 093.9	2 892 656.0	2 888 367.7	2 700 996.2
Net export	4 334 058.8	7 246 783.0	5 576 070.0	2 848 124.8	8 017 210.5
Exports of goods and services	17 617 527.7	23 259 735.6	25 336 984.8	21 568 377.5	28 163 114.7
Imports of goods and services (-)	13 283 468.9	16 012 952.6	19 760 914.8	18 720 252.7	20 145 904.2
Statistical discrepancy	1 388 549.8	1 607 336.6	2 045 684.3	1 000 230.9	267 063.7
Gross domestic product at market prices	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2	82 207 959.7

6.15 Actual final consumption

at current prices, million tenge

	2017	2018	2019	2020	2021
Actual final consumption	34 326 070.3	37 350 907.1	42 700 693.7	46 448 870.3	51 946 825.3
of which:					
Households	31 436 791.3	34 327 364.4	38 872 783.1	42 086 155.3	47 582 618.0
among which:					
households final consumption expenditures	27 986 614.7	31 514 400.6	35 570 705.8	36 660 980.9	41 439 914.5
social transfers in kind	3 450 176.6	2 812 963.8	3 302 077.3	5 425 174.4	6 142 703.5
government administration	2 889 279.0	3 023 542.7	3 827 910.6	4 362 715.0	4 364 207.3

6.16 Structure of gross domestic product by final uses

as percent to total

	2017	2018	2019	2020	2021
Final consumption expenditure	63.0	60.4	61.3	65.8	63.3
of which:					
households	51.4	51.0	51.1	51.9	50.5
government administration	10.5	8.3	9.1	12.8	11.7
among which:					
individual goods and services	5.2	3.4	3.6	6.6	6.4
collective services	5.3	4.9	5.5	6.2	5.3
non-profit institutions serving households	1.1	1.1	1.1	1.1	1.1
Gross capital formation, total	26.4	25.3	27.7	28.8	26.7
gross fixed capital formation	21.7	21.2	23.5	24.7	23.4
changes in inventories	4.7	4.1	4.2	4.1	3.3
Net exports	8.0	11.7	8.1	4.0	9.7
Exports of goods and services	32.4	37.6	36.5	30.5	34.2
Imports of goods and services	24.4	25.9	28.4	26.5	24.5
Statistical discrepancy	2.6	2.6	2.9	1.4	0.3
Gross domestic product	100.0	100.0	100.0	100.0	100.0

6.17 Volume indices of elements of gross domestic product uses

as percent to the previous year

	2017	2018	2019	2020	2021
Final consumption expenditure, total	101.6	102.7	107.4	99.1	103.8
of which:					
households	101.5	106.1	106.1	96.3	105.1
government administration	102.1	85.9	115.5	112.8	98.9
among which:					
individual goods and services	104.8	71.3	108.3	117.8	104.2
collective services	99.6	100.2	120.6	108.1	93.3
non-profit institutions serving households	103.8	104.9	105.1	96.6	104.1
Gross capital formation	103.1	102.9	112.2	99.0	100.5
of which:					
gross fixed capital formation	104.5	105.4	113.8	99.8	102.6

Continuation

	2017	2018	2019	2020	2021
Exports of goods and services	108.0	109.6	102.0	88.7	102.0
Imports of goods and services	101.0	106.6	114.9	91.0	97.3
Gross domestic product	104.1	104.1	104.5	97.5	104.1

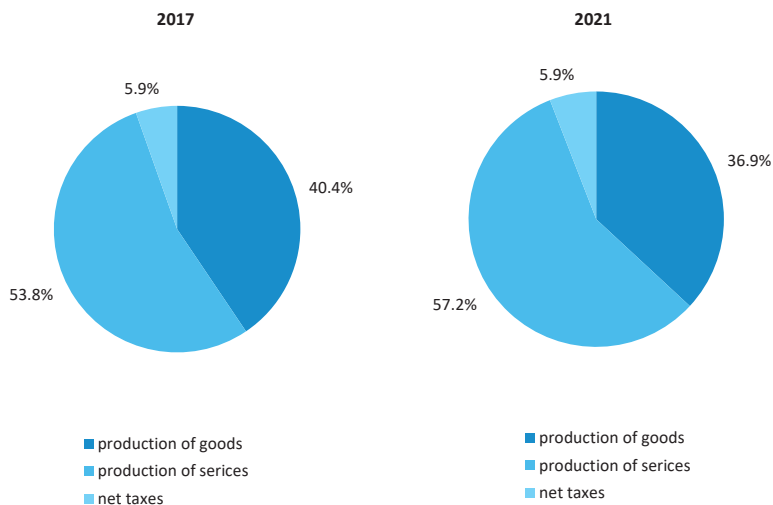
6.18 Composite demand, composite supply

million tenge

	2017	2018	2019	2020	2021
Composite demand	66 273 776.9	76 225 152.4	87 247 857.0	88 369 055.0	102 086 800.20
Domestic demand	48 656 249.2	52 965 416.8	61 910 872.2	66 800 677.5	73 923 685.50
a) actual final consumption	34 326 070.3	37 350 907.1	42 700 693.7	46 448 870.3	51 946 825.3
individual	31 436 791.3	34 327 364.4	38 872 783.1	42 086 155.3	47 582 618.0
collective	2 889 279.0	3 023 542.7	3 827 910.6	4 362 715.0	4 364 207.3
b) gross capital formation	14 330 178.9	15 614 509.7	19 210 178.5	20 351 807.2	21 976 860.2
Exports	17 617 527.7	23 259 735.6	25 336 984.8	21 568 377.5	28 163 114.7
Composite supply	67 662 326.7	77 832 489.0	89 293 241.3	89 369 285.9	102 353 863.90
GDP	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2	82 207 959.7
Imports	13 283 468.9	16 012 952.6	19 760 914.8	18 720 252.7	20 145 904.2
Statistical discrepancy	1 388 549.8	1 607 336.6	2 045 684.3	1 000 230.9	267 063.7

Structure of gross domestic product by production

as percent to total





Investment statistics

Investment in non-financial assets consist of the following components: fixed capital investment, costs of capital repair, inventory investment, investment in non-produce tangible and intangible assets and investment in other non-financial assets.

Fixed capital investment comprises investment in buildings and constructions; machinery and equipment; acquisition of workstock and productive livestock; plantations; mineral prospecting; computer and software support; original literary and art works; new information; special knowledge which is very rarely used in production.

Fixed capital investment includes the following indicators:

- Construction and assembly works;
- Machinery, equipment, tools and implements;

- Capital repair of fixed assets;
- Other capital works and costs.

Fixed assets put into operation cover costs of enterprises, buildings and constructions of either production or non-production purposes finished and put into operation in the reporting period; costs of equipment, machinery, motor vehicles of all kinds (to be installed or not, included or not included in construction's estimate) put into operation; costs of tools, implements and other supplies included in fixed assets; costs of perennial plantations (gardens); costs of irrigation and drainage works; costs of oil and gas exploitation wells finished and put into operation, and also prospecting wells with due yields to be turned over to operation; capital costs of land improvement and other costs connected with the increase in value of fixed assets.

6.19 Main indicators of investment activity

million tenge

	2017	2018	2019	2020	2021
Fixed assets put into operation	7 891 673	21 798 269	7 710 033	7 966 175	9 923 575
Fixed capital investment	8 770 572	11 179 036	12 576 793	12 270 144	13 242 233

6.20 Fixed capital investment by type of ownership

million tenge

	2017	2018	2019	2020	2021
Fixed capital investment	8 770 572	11 179 036	12 576 793	12 270 144	13 242 233
of which:					
state	1 319 920	1 345 936	1 537 924	2 340 167	2 110 319
private	6 212 525	8 270 309	9 172 750	8 556 696	9 697 705
foreign	1 238 127	1 562 791	1 866 119	1 373 281	1 434 209

6.21 Sources of financing fixed capital investment

million tenge

	2017	2018	2019	2020	2021
Total	8 770 572	11 179 036	12 576 793	12 270 144	13 242 233
Including the funds of:					
state budget	1 432 805	1 421 156	1 527 039	2 351 434	2 071 304
own funds	5 959 295	8 177 424	9 803 540	8 432 198	9 362 768
banks loans	637 205	704 829	414 231	286 766	345 372

Continuation

	2017	2018	2019	2020	2021
of which:					
foreign banks loans	102 424	45 912	9 279	43 491	65 641
other borrowed funds	741 267	875 627	831 983	1 199 746	1 462 789
of which:					
non-residents' borrowed funds	241 663	326 819	391 363	347 297	291 527

6.22 Fixed capital investment by use way

million tenge

	2017	2018	2019	2020	2021
Total	8 770 572	11 179 036	12 576 793	12 270 144	13 242 233
of which:					
Agriculture, forestry and fishery	348 481	365 001	494 976	565 369	772 475
Industry	4 769 588	6 567 368	7 786 272	6 203 260	6 500 085
of which:					
mining industry and working out of open-cast mines	2 960 272	4 493 990	5 550 068	3 953 710	3 708 909
manufacturing industry	956 165	1 241 914	1 017 089	1 077 819	1 541 742
electrical supply, giving of gas, steam and air-conditioning	570 793	543 644	915 455	749 645	766 854
water supply; sewer system, the control over gathering and distribution of waste	282 358	287 820	303 660	422 086	482 580
Construction	92 918	114 244	122 513	128 772	126 672
Wholesale and retail trade; repair of motor vehicles and motorcycles	207 481	218 560	234 861	192 371	270 543
Transport and warehousing	1 262 907	1 453 136	1 223 766	1 311 117	1 472 265
Residing and catering services	129 496	192 132	148 385	143 236	173 730
Information and communication	79 041	99 246	103 483	168 996	147 419
Financial and insurance activities	60 083	65 554	90 765	78 317	95 862
Operations with real estate	1 128 005	1 410 117	1 632 802	2 157 873	2 597 288
Professional, scientific and technical activities	54 017	45 698	76 806	104 328	68 507
Activity in the field of administrative and auxiliary service	136 338	142 435	102 909	147 411	155 092
Governance and defence; obligatory social security	54 913	57 415	51 876	87 606	66 494
Education	257 223	205 265	209 162	297 263	282 907
Human health and social work activities	93 717	113 229	126 494	301 911	187 287
Arts, entertainment and recreation	75 131	104 210	155 896	351 043	264 499
Otherservices provision	21 233	25 426	15 827	31 271	61 108

6.23 Fixed capital investment by industrial branches

million tenge

	2017	2018	2019	2020	2021
Total industry	4 769 589	6 567 368	7 786 272	6 203 260	6 500 085
of which:					
Mining industry and working out of open-cast mines	2 960 272	4 493 990	5 550 068	3 953 710	3 708 909

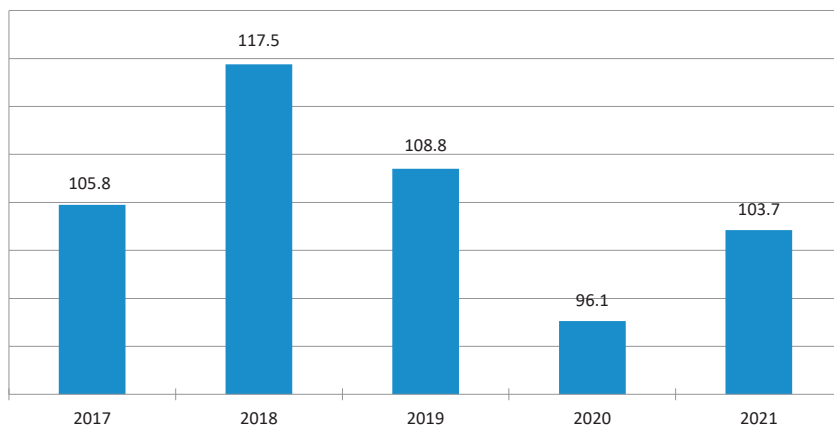
	2017	2018	2019	2020	
of which:					
mining of coal and lignite	59 526	76 069	102 249	89 808	86 044
extraction of crude petroleum and natural gas	2 374 467	3 852 731	4 717 137	3 176 116	2 748 842
mining of metall ores	343 482	465 338	622 918	602 999	649 091
other branches of mining	11 169	18 308	26 432	35 898	99 496
technical services in the mining field	171 628	81 544	81 332	48 889	125 436
Manufacturing industry	956 165	1 241 914	1 017 089	1 077 819	1 541 742
of which:					
manufacture of food products	91 978	125 651	90 154	109 055	118 315
manufacture of beverages products	15 920	22 743	24 361	21 908	32 699
manufacture of tobacco products	6 634	7 245	8 835	10 104	7 655
manufacture of textile products	1 073	7 349	7 684	2 905	4 334
manufacture of clothes	1 490	1 116	434	1 218	1 258
manufacture of leather, products of leather	2 079	349	1 134	1 229	282
manufacture of wooden and cork products, except furniture; manufacture of products from straws and materials for weaving	533	1 789	1 418	3 480	746
manufacture of paper and paperboard	11 496	7 293	7 437	5 695	8 549
printing and reproduction of recorded materials	2 249	1 953	1 900	763	1 085
manufacture of coke and refined petroleum products	386 018	526 707	180 175	68 025	94 952
manufacture of chemical industry	51 131	70 014	168 141	301 281	485 316
manufacture of pharmaceutical products	9 388	7 747	8 067	15 349	21 582
production of rubber and plastic products	11 293	8 433	9 274	14 388	58 453
manufacture of other non-metallic mineral products	83 295	104 523	101 092	67 182	138 283
metallurgy industry	187 644	269 946	320 000	372 005	449 514
manufacture of fabricated metallic products except machinery and equipment	25 989	17 301	23 873	14 553	46 050
manufacture of computing machinery, electronic and optical products	2 324	3 972	1 741	544	1 325
manufacture of electrical equipment	4 909	17 637	15 821	22 644	9 544
manufacture of machinery and equipment not included in other groupings	10 032	6 134	8 201	11 589	10 758
manufacture of motor vehicles, trailers and semi-trailers	4 792	4 734	13 535	16 490	21 507
manufacture of other transport equipment	27 817	12 089	2 966	1 924	12 650
manufacture of furniture	3 056	1 936	2 177	1 399	1 990
manufacture of other products	1 561	4 746	2 095	4 322	5 286
Repair and installation of machinery and equipment	13 464	10 507	16 574	9 767	9 609

Continuation

	2017	2018	2019	2020	
Electrical supply, giving of gas, steam and air-conditioning	570 794	543 644	915 455	749 645	766 854
Water supply; sewer system, the control over gathering and distribution of waste of which:	282 358	287 820	303 660	422 086	482 580
Collecting, purification and distribution of water	219 821	227 773	239 306	350 433	384 037
Sewage system, production and distribution of gaseous fuel	44 556	48 229	57 511	63 591	84 020
Collecting, processing and waste disposal; waste recycling	17 913	11 688	6 823	7 990	13 432
recultivation and other services in the waste disposal field	68	130	20	72	1 092

Investment in fixed capital

as percent of the previous year





Science and innovations

Research institutions, regardless of their branch identity, engage in research activities including fundamental and applied researches and developments in all branches of science, and also in rendering scientific and technical services.

Research institutions and enterprises engaged in research activities include research institutes, design and prospecting organizations, pilot production plants not serving any outside entities, higher education institutions, scientific and technical units of industrial enterprises engaged in research, design and technological works, and also other organizations reporting R&D activities in the period covered by their reports.

Specialists engaged in research and development activities cover professionals with higher and secondary specialized education (including post-graduates) who are directly involved in performing research and technical works, and also heads of research institutions and subdivisions engaged in research activities.

The following categories of workers are excluded: managers and other accounting and planning staff, financial and material supply functionaries, personnel engaged in supplying scientific and technical information, those serving scientific, scientific and technical, and other special libraries, workers of patent units, laboratory workers without higher or secondary specialized education, accountants, typists, clerical workers, etc.

Professors and associates engaged in educational activity combine this with performing research and technical works in research subdivisions or at faculties of higher education institutions.

Innovation activity is an activity directed to the application of new ideas, scientific knowledge, technologies to various areas of production and field of the society management, the outcomes of which can be used for economic growth and competitive strength.

Technological innovations relate to the activity connected with the development and implementation of innovations. In particular, in an industry they refer to the technologically new products and processes as well as to the significant technological improvements of products and processes; in the services sector – to the technologically new or significantly improved services and new or advanced techniques of production of services.

Innovatively active enterprises are those enterprises that carry out development and application of the new or improved products, technological processes or other kinds of innovation activity.

Volume of the innovation produce includes products produced in the reference year on the basis of various technological innovations.

6.24 Sources of financing internal expenses for research and development

million tenge

	2017	2018	2019	2020	2021
Internal and external costs of research and development work	92 732.4	99 706.7	118 070.7	116 742.9	134 933.9
of which:					
internal costs of research and development work	68 884.2	72 224.6	82 333.1	89 028.7	109 332.7
including:					
internal current expenditure on research and development	61 624.5	64 751.8	9 525.1	9 436.7	96 505.0
capital costs	7 259.7	7 472.8	72 808.0	79 592.1	12 827.8
external costs for research and development	23 848.2	27 482.1	35 737.6	27 714.1	25 601.2

6.25 Number of organizations engaged in research and development

	2017	2018	2019	2020	2021
Scientific organizations, units	386	384	386	396	438

6.26 Number of employees engaged in research and development

persons

	Total	Among which		
		researchers and technicians	support personnel	others
Total				
2017	22 081	17 205	2 797	2 079
2018	22 378	17 454	2 836	2 088
2019	21 843	17 124	2 734	1 985
2020	22 665	18 228	2 686	1 751
2021	21 617	17 092	2 824	1 701
among them those having academic degree of:				
Doctor of science				
2017	1 822	1 818	-	4
2018	x	x	x	x
2019	1 704	1 703	-	x
2020	1 883	1 883	-	-
2021	1 652	1 652	-	-
PhD				
2017	597	589	3	5
2018	869	856	x	x
2019	1 045	1 045	-	-
2020	1 757	1 755	-	x
2021	1 962	1 952	-	10
Doctor on profile				
2017	380	354	24	2
2018	x	x	x	x
2019	317	317	-	-
2020	62	62	-	-
2021	55	55	-	-
Candidate of science				
2017	4 562	4 541	9	12
2018	4 373	4 360	x	x
2019	4 241	4 240	-	x
2020	4 329	4 324	2	3
2021	3 843	3 838	3	x

6.27 Number of organizations engaged in high scientific and pedagogical personnel training

	2017	2018	2019	2020	2021
Number of organizations with postgraduate course	194	207	212	208	194
of which:					
post-graduates	107	113	114	109	102
doctors	70	76	78	79	74
students residency	17	18	20	20	18

6.28 Total number of persons of post-graduates by branches of science

thousand persons

	2017	2018	2019	2020	2021
Total number of post-graduates (end of the year)	34 609	38 594	35 690	34 619	36 483
Total number of persons working for post-graduates	18 829	21 714	15 018	15 245	15 615
of which:	15 196	16 379	12 747	12 927	12 570
those completed higher education graduation	18 268	19 233	20 249	21 372	19 457
Total number of post-graduates	10 852	11 302	12 033	12 744	12 287
of which:	18 210	18 879	18 633	19 362	19 240
women	10 823	11 268	10 981	11 478	12 177

6.29 Number of post-graduates by branches of science

persons

	2017	2018	2019
Number of post-graduates - total	34 609	38 594	35 690
of which by branches of science:			
education	6 318	7 798	7 897
humanitarian	2 168	2 155	2 206
law	3 493	3 329	2 563
social science, economic and business	7 182	7 261	6 990
natural science	2 060	2 469	2 594
technical science and technology	9 679	10 798	9 891
agriculture	857	1 110	703
Services	575	684	715

Continuation

	2020*	2021*
Number of post-graduates - total	34 619	36 483
of which by branches of science:*		
Pedagogical sciences	10 733	13 621
Art and humanitarian sciences	1 948	2 038
Social sciences, journalism and information	1 134	1 028
Business, management and law	6 795	6 689
Natural sciences, mathematics and statistics	2 294	2 043
Information and communication technology	2 965	2 821
Engineering, manufacturing and construction industries	5 507	4 941
Agriculture and bioresources	420	380

Continuation

	2020*	2021*
Veterinary	171	170
Health care	641	609
Services	548	661
National security and warfare	116	123
Unknown and undetermined	1 347	1 359

* List of specializations according to Classifier of major fields of higher and postgraduate education in the Republic of Kazakhstan adopted by order of the Ministry of the Education and Science of the Republic of Kazakhstan on 5 June of 2020 №234.

6.30 Total number of persons working for doctor's degree and those with doctor's degree conferred

persons

	2017	2018	2019	2020	2021
Total number of persons working for doctor's degree (end of the year)	3 603	5 609	6 363	6 914	5 924
of them those studied in:					
doctor's degree	113	264	149	237	144
PhD	3 490	5 345	6 214	6 677	5 780
Total number of persons working for doctor's degree	1 671	2 766	1 775	2 094	1 720
of which:					
doctor's degree	51	96	42	78	39
PhD	1 620	2 670	1 733	2 016	1 681
Total number of persons with doctor's degree conferred	721	721	905	1 446	2 503
of which:					
women	462	443	579	943	1 639
Total number of those defended a thesis	249	185	249	483	642
of which:					
women	146	104	158	326	404

6.31 Number of persons working for doctor's degree by branches of science

persons

	2017	2018	2019
Number of persons working for doctor's degree - total	3 603	5 609	6 363
of which by branches of science:			
education	421	792	897
humanitarian science	406	591	610
law	269	336	216
art	55	77	57
social science, economic and business	633	863	1 033
natural science	329	603	845
engineering	855	1 438	1 626
agriculture	130	231	220

Continuation

	2017	2018	2019
services	52	67	124
medicine and social guarantee	295	377	452
veterinary science	52	88	83

Continuation

	2020*	2021*
Number of persons working for doctor's degree - total	6 914	5 924
of which by branches of science:*		
Pedagogical sciences	989	819
Art and humanitarian sciences	668	636
Social sciences, journalism and information	370	367
Business, management and law	861	778
Natural sciences, mathematics and statistics	995	785
Information and communication technology	517	435
Engineering, manufacturing and construction industries	1 266	1 019
Agriculture and bioresources	233	153
Veterinary	83	54
Health care	509	447
Services	60	60
National security and warfare	70	69
Unknown and undetermined	293	302

* List of specializations according to Classifier of major fields of higher and postgraduate education in the Republic of Kazakhstan adopted by order of the Ministry of the Education and Science of the Republic of Kazakhstan on 5th June of 2020 №234.

6.32 Main indicators of the innovation activity of enterprises

	2017	2018	2019	2020	2021
Number of enterprises with innovations, units	2 974	3 230	3 206	3 236	2 960
Level of the innovation activity of enterprises, %	9.6	10.6	11.3	11.5	10.5
Volume of the innovation produce, million tenge	844 734.9	1 064 067.4	1 113 566.5	1 715 500.1	1 438 708.5
Total expenses for technological innovations, million tenge	899 681.8	856 449.5	535 918.1	777 173.5	785 705.0

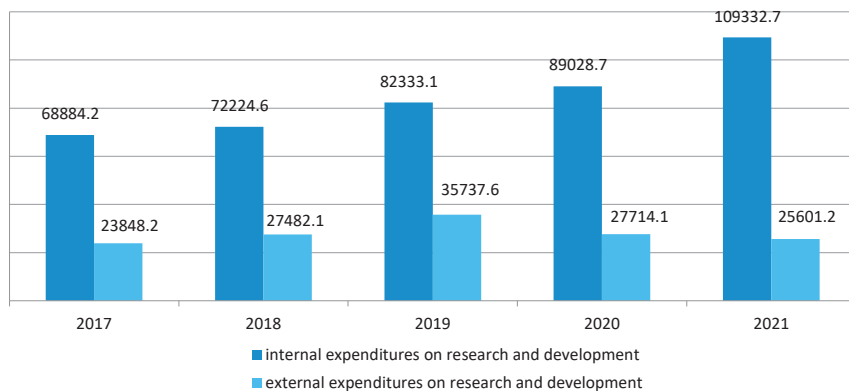
6.33 Expenses for product and process innovations by sources of finance

million tenge

	2017	2018	2019	2020	2021
Total	899 681.8	856 449.5	535 918.1	777 173.5	785 705.0
of which:					
republican budget	42 230.2	28 800.0	37 056.2	166 408.7	61 778.2
local budget	17 969.7	15 752.2	4 983.0	14 632.8	11 376.4
own means of enterprises	300 208.1	392 226.1	440 271.6	488 985.2	608 891.7
foreign investment	7 053.4	45 633.7	3 796.8	11 931.0	41 126.2
other means	532 220.6	374 037.5	49 810.5	95 215.8	62 532.5

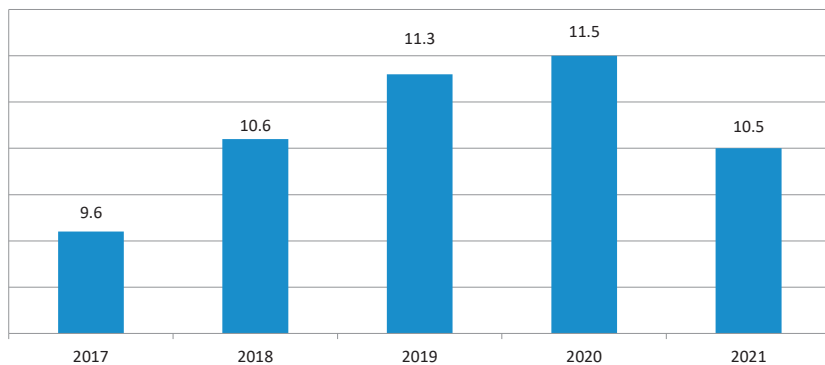
Gross expenditures on research and development

million tenge



Activity level in the sphere of innovation

percent





Statistics of enterprises

A legal entity is an organization that has the right of ownership, economic management or operational management of its own property for obligations, can acquire and exercise personal non-property rights and obligations from its own, be a plaintiff and a defendant in court. A legal entity must have an independent balance sheet or estimate.

Economic activity - an activity in which equipment, labor, production processes, information networks and products are combined, which leads to the creation of certain goods

and services. The type of economic activity is characterized by costs, production process, and manufactured products.

The main type of economic activity is economic activity that provides the greatest increase in value added. Determined on the basis of the national classifier (GCEA).

The form of ownership of a legal entity is a concept associated with the subject of ownership. Determined in accordance with the departmental statistical classifier of forms of ownership (CFP).

6.34 Number of registered legal entities by type of ownership, size and type of activity

as of January 1, 2022

	Total	Of which by form and type of ownership				
		state	total private	among which		foreign
				with state share (without foreign share)	joint ventures (with foreign share)	
Total	481 732	25 201	424 335	617	10 868	32 196
Small	472 777	20 732	420 344	437	10 579	31 701
Medium	6 494	3 454	2 748	87	165	292
Large	2 461	1 015	1 243	93	124	203
Agriculture, forestry and fishing	19 991	67	19 632	11	387	292
Small	19 668	62	19 318	9	368	288
Medium	270	4	262	1	15	4
Large	53	1	52	1	4	-
Mining industry and working out of open-cast mines	4 838	-	4 396	11	295	442
Small	4 640	-	4 244	10	261	396
Medium	91	-	74	-	7	17
Large	107	-	78	1	27	29
Manufacturing industry	25 091	18	23 359	12	1 329	1 714
Small	24 349	15	22 715	8	1 243	1 619
Medium	486	1	434	1	52	51
Large	256	2	210	3	34	44
Electrical supply; giving of gas, steam and air-conditioning	1 788	98	1 581	33	91	109
Small	1 635	52	1 478	12	88	105
Medium	64	26	37	6	1	1
Large	89	20	66	15	2	3
Water supply; sewer system, the control over gathering and distribution of water	2 760	210	2 431	50	71	119

	Total	Of which by form and type of ownership				
		state	total private	among which		foreign
				with state share (without foreign share)	joint ventures (with foreign share)	
Small	2 658	164	2 377	34	71	117
Medium	69	27	41	9	-	1
Large	33	19	13	7	-	1
Construction	65 557	37	61 715	45	1 055	3 805
Small	65 053	32	61 251	39	1 034	3 770
Medium	333	2	311	3	12	20
Large	171	3	153	3	9	15
Wholesale and retail trade; repair of motor vehicles and motorcycles	137 195	35	123 114	15	3 406	14 046
Small	136 534	34	122 605	11	3 372	13 895
Medium	492	1	385	3	22	106
Large	169	-	124	1	12	45
Transport and warehousing	18 779	32	17 556	33	437	1 191
Small	18 480	24	17 290	18	415	1 166
Medium	201	3	181	4	12	17
Large	98	5	85	11	10	8
Residing and catering services	8 962	18	8 080	3	256	864
Small	8 856	16	7 991	2	251	849
Medium	79	1	71	1	4	7
Large	27	1	18	-	1	8
Information and communication	13 614	74	12 635	96	462	905
Small	13 486	63	12 528	76	454	895
Medium	82	5	71	15	5	6
Large	46	6	36	5	3	4
Financial and insurance activities	8 302	9	7 803	36	208	490
Small	8 190	8	7 712	27	200	470
Medium	62	-	51	6	5	11
Large	50	1	40	3	3	9
Operations with real estate	21 005	43	20 179	29	404	783
Small	20 907	32	20 100	25	399	775
Medium	73	5	63	2	4	5
Large	25	6	16	2	1	3
Professional, scientific and technical activities	32 436	469	30 002	96	931	1 965
Small	32 138	404	29 813	77	916	1 921
Medium	220	50	146	12	10	24
Large	78	15	43	7	5	20
Activity in the field of administrative and auxiliary service	21 389	83	20 473	31	308	833
Small	21 009	68	20 123	24	301	818
Medium	244	9	225	4	2	10
Large	136	6	125	3	5	5

Continuation

	Total	Of which by form and type of ownership				
		state	total private	among which		foreign
				with state share (without foreign share)	joint ventures (with foreign share)	
Governance and defense; obligatory social security	9 465	9 326	135	18	1	4
Small	8 801	8 672	126	14	1	3
Medium	409	404	5	2	-	-
Large	255	250	4	2	-	1
Education	26 615	11 934	14 156	38	142	525
Small	23 799	9 303	13 972	15	139	524
Medium	2 586	2 474	111	3	1	1
Large	230	157	73	20	2	-
Human health and social work activities	9 006	1 260	7 452	19	135	294
Small	8 033	528	7 227	4	126	278
Medium	412	247	157	7	6	8
Large	561	485	68	8	3	8
Arts, entertainment and recreation	7 077	1 455	5 332	19	137	290
Small	6 795	1 222	5 284	12	132	289
Medium	234	195	38	6	3	1
Large	48	38	10	1	2	-
Other services provision	47 861	33	44 304	22	813	324
Small	47 745	33	44 190	20	808	3 522
Medium	87	-	85	2	4	2
Large	29	-	29	-	1	-

6.35 Number of registered legal entities by type of ownership and size by regions

as of January 1, 2022

	Total	Of which by form and type of ownership				
		state	total private	among which		foreign
				with state share (without foreign share)	joint ventures (with foreign share)	
Total	481 732	25 201	424 335	617	10 868	32 196
Small	472 777	20 732	420 344	437	10 579	31 701
Medium	6 494	3 454	2 748	87	165	292
Large	2 461	1 015	1 243	93	124	203
Akmola	14 694	2 040	12 203	33	269	451
Small	14 379	1 885	12 054	29	256	440
Medium	234	115	115	3	5	4
Large	81	40	34	1	8	7
Aktobe	18 904	1 490	16 685	17	267	729
Small	18 549	1 293	16 555	14	253	701
Medium	258	157	85	-	5	16
Large	97	40	45	3	9	12

	Total	Of which by form and type of ownership				
		state	total private	among which		foreign
				with state share (without foreign share)	joint ventures (with foreign share)	
Almaty	25 125	2 260	22 133	46	377	732
Small	24 466	1 837	21 914	43	358	715
Medium	535	360	166	1	15	9
Large	124	63	53	2	4	8
Atyrau	13 756	1 022	11 965	19	394	769
Small	13 365	844	11 772	12	372	749
Medium	274	150	115	4	12	9
Large	117	28	78	3	10	11
Batys Kazakhstan	11 588	1 346	9 685	28	190	557
Small	11 271	1 150	9 572	21	184	549
Medium	236	151	80	3	2	5
Large	81	45	33	4	4	3
Zhambyl	14 425	1 629	11 056	24	113	1 740
Small	14 054	1 337	10 978	21	108	1 739
Medium	297	244	53	1	5	-
Large	74	48	25	2	-	1
Karagandy	31 621	1 957	28 301	50	680	1 363
Small	30 983	1 641	28 010	31	653	1 332
Medium	459	253	195	7	16	11
Large	179	63	96	12	11	20
Kostanai	14 264	1 821	11 587	9	276	856
Small	13 876	1 648	11 399	5	266	829
Medium	282	129	135	3	7	18
Large	106	44	53	1	3	9
Kyzylorda	11 005	1 287	9 596	17	63	122
Small	10 657	1 040	9 504	13	56	113
Medium	266	202	60	2	-	4
Large	82	45	32	2	7	5
Mangystau	15 866	806	14 169	23	331	891
Small	15 491	604	14 009	16	323	878
Medium	266	143	114	2	6	9
Large	109	59	46	5	2	4
Pavlodar	17 032	1 303	15 047	27	279	682
Small	16 688	1 131	14 902	23	271	655
Medium	252	135	106	2	1	11
Large	92	37	39	2	7	16
Soltustik Kazakhstan	10 557	1 416	8 543	27	289	598
Small	10 300	1 306	8 406	22	278	588
Medium	201	78	113	2	9	10
Large	56	32	24	3	2	-
Turkistan	16 057	2 305	13 612	42	126	140
Small	15 439	1 791	13 511	36	117	137
Medium	510	444	63	4	-	3

Continuation

	Total	Of which by form and type of ownership				
		state	total private	among which		foreign
				with state share (without foreign share)	joint ventures (with foreign share)	
Large	108	70	38	2	9	-
Shygys Kazakhstan	22 227	2 161	19 326	32	444	740
Small	21 637	1 815	19 102	26	430	720
Medium	437	267	161	3	12	9
Large	153	79	63	3	2	11
Astana city	84 426	737	77 817	118	1 795	5 872
Small	83 591	411	77 353	62	1 773	5 827
Medium	481	179	277	28	15	25
Large	354	147	187	28	7	20
Almaty city	133 552	1 081	117 616	85	4 483	14 855
Small	131 820	685	116 499	49	4 402	14 636
Medium	1 206	287	773	18	46	146
Large	526	109	344	18	35	73
Shymkent city	26 633	540	24 994	20	492	1 099
Small	26 211	314	24 804	14	479	1 093
Medium	300	160	137	4	9	3
Large	122	66	53	2	4	3

6.36 Peasant (private) farms by regions of the Republic of Kazakhstan

active

	2017	2018	2019	2020	
Republic of Kazakhstan	187 900	196 648	211 740	216 482	220 578
Akmola	4 145	4 730	5 507	6 003	6 060
Aktobe	5 169	5 765	6 670	7 661	8 531
Almaty	44 973	44 965	45 123	45 592	44 582
Atyrau	2 238	2 448	2 746	3 046	3 161
Batys Kazakhstan	5 480	6 212	7 302	7 620	7 782
Zhambyl	16 099	16 629	18 075	17 996	18 025
Karagandy	7 745	8 671	10 416	11 257	11 899
Kostanai	5 128	5 702	6 112	6 307	6 366
Kyzylorda	5 047	6 434	8 286	10 896	12 112
Mangystau	1 681	2 081	2 394	2 622	2 833
Ontustuk Kazakhstan	68 602	-	-	-	-
Pavlodar	3 226	3 251	3 380	3 419	3 770
Soltustik Kazakhstan	3 206	3 732	4 517	4 404	4 354
Turkistan	-	67 793	71 102	68 727	69 485
Shygys Kazakhstan	14 593	15 525	16 133	16 564	17 199
Astana city	105	169	186	299	446
Almaty city	463	452	624	783	928
Shymkent city	-	2 089	3 167	3 286	3 045



Finances of enterprises

Profit (loss) before taxation is defined by the sum of profit (loss) for the period from continuing operations and profit (loss) from discontinued operations.

Income from the products' sales and services' rendering is the sum of income received and been subject to income less value added tax, excise duties, as well as the value of the returned goods, discounts from sales and discounts from prices presented to the buyer.

Cost of sales and services rendered is the actual cost of the released (shipped) finished goods (works, services).

Accounts receivable is the amount of debts owed to the company from legal entities or individuals as a result of business relationships with them. They include debts for the goods shipped, works performed and services rendered.

Debt obligations are funds, temporarily attracted by an enterprise and been subject to be repaid to the corresponding legal entities or individuals. Debt obligations are made by payments failed to be done, unpaid taxes, unpaid accrued wages.

6.37 Income (losses) before taxation

million tenge

	2017	2018	2019	2020	2021
Total	8 819 060	9 730 672	11 013 532	6 679 822	14 796 652
Agriculture, forestry and fishing	71 609	30 451	105 518	146 503	140 411
Mining and quarrying	3 819 446	6 295 007	5 294 456	2 365 795	6 238 790
Manufacturing	1 325 461	1 219 902	1 461 491	1 689 754	3 170 993
Electricity, gas, steam and air conditioning supply	100 791	223 095	46 490	37 160	98 647
Water supply; sewerage, waste management and remediation activities	3 590	3 434	-1 949	-2 068	13 132
Construction	292 972	82 289	572 490	489 562	568 704
Wholesale and retail trade; repair of motor vehicles and motorcycles	233 344	396 571	519 482	619 708	1 198 782
Transportation and storage	945 125	559 551	1 170 788	808 701	1 430 709
Accommodation and food service activities	17 761	-2 544	34 860	1 958	53 933
Information and communication	167 468	149 065	176 257	244 264	323 490
Financial and insurance activities	1 314 974	72 939	13 526	29 015	96 962
Real estate activities	29 854	50 938	96 277	27 919	25 899
Professional, scientific and technical activities	416 696	616 221	1 428 487	153 256	1 352 657
Administrative and support service activities	83 550	54 514	80 649	79 118	94 313
Arts, entertainment and recreation	-8 897	-24 062	3 223	-7 390	-10 472
Other service activities	5 316	3 301	11 487	-3 433	-299

6.38 Income from sale of output and services rendering

million tenge

	2017	2018	2019	2020	2021
Total	38 706 602	44 642 924	49 701 796	46 675 618	60 323 895
Agriculture, forestry and fishing	524 512	533 748	607 251	672 951	758 737
Mining and quarrying	10 305 442	13 317 567	14 034 965	10 243 422	15 668 987
Manufacturing	7 486 506	8 446 819	9 310 221	10 509 338	13 834 326
Electricity, gas, steam and air conditioning supply	1 646 754	1 769 611	1 694 229	1 883 472	2 222 895
Water supply; sewerage, waste management and remediation activities	134 145	153 359	179 711	186 357	220 479
Construction	3 243 529	3 060 922	3 720 428	3 282 756	3 416 658
Wholesale and retail trade; repair of motor vehicles and motorcycles	6 573 203	8 321 620	9 607 210	9 950 523	12 506 735
Transportation and storage	3 886 176	4 788 181	5 379 770	5 269 996	6 165 280
Accommodation and food service activities	346 749	398 770	414 868	373 999	499 646
Information and communication	925 850	997 336	1 119 693	1 248 740	1 435 263
Financial and insurance activities	1 808 352	535 708	565 312	545 345	664 461
Real estate activities	148 015	187 395	208 908	174 425	177 073
Professional, scientific and technical activities	895 670	1 261 624	1 612 628	1 333 542	1 556 272
Administrative and support service activities	620 107	749 223	904 507	841 702	871 403
Arts, entertainment and recreation	75 403	70 781	299 588	132 196	300 869
Other service activities	86 189	50 260	42 507	26 854	24 810

6.39 Cost price of sale of output and services rendering

million tenge

	2017	2018	2019	2020	2021
Total	24 499 143	28 025 938	32 040 427	32 307 382	39 355 015
Agriculture, forestry and fishing	438 686	449 192	484 890	529 561	604 297
Mining and quarrying	4 405 439	5 268 474	5 890 344	5 470 800	7 110 925
Manufacturing	5 016 486	5 636 716	6 545 357	7 205 612	9 110 953
Electricity, gas, steam and air conditioning supply	1 314 480	1 431 840	1 455 636	1 604 957	1 873 530
Water supply; sewerage, waste management and remediation activities	112 345	132 171	154 690	179 807	197 002
Construction	2 672 180	2 423 691	2 898 414	2 550 230	2 676 854
Wholesale and retail trade; repair of motor vehicles and motorcycles	5 329 216	6 501 172	7 464 870	7 831 080	9 562 653
Transportation and storage	2 606 098	3 149 254	3 495 300	3 615 257	4 227 256
Accommodation and food service activities	235 776	284 495	300 540	298 086	374 433
Information and communication	651 976	661 700	749 588	780 347	894 473
Financial and insurance activities	457 145	453 639	483 863	427 508	689 870
Real estate activities	58 236	80 719	104 365	113 666	87 875

Continuation

	2017	2018	2019	2020	2021
Professional, scientific and technical activities	575 527	848 598	1 072 153	969 494	1 048 426
Administrative and support service activities	516 154	626 906	691 325	641 509	628 855
Arts, entertainment and recreation	49 963	38 213	226 900	74 402	254 656
Other service activities	59 436	39 158	22 192	15 066	12 957

6.40 Debt on liabilities

million tenge

	2017	2018	2019	2020	2021
Total	44 055 950	48 108 123	51 326 640	53 638 940	61 494 411
Agriculture, forestry and fishing	1 209 025	1 291 074	1 097 903	901 937	957 603
Mining and quarrying	8 325 743	9 375 074	10 540 857	11 704 366	12 422 789
Manufacturing	7 962 130	8 455 645	9 365 852	9 949 253	11 452 180
Electricity, gas, steam and air conditioning supply	1 673 577	1 675 260	1 705 367	1 878 136	2 046 384
Water supply; sewerage, waste management and remediation activities	204 101	177 948	272 184	482 432	511 151
Construction	2 972 857	3 655 766	3 898 504	3 645 713	4 744 913
Wholesale and retail trade; repair of motor vehicles and motorcycles	4 461 722	4 654 370	4 873 049	4 879 486	5 596 016
Transportation and storage	8 261 977	8 637 010	8 162 989	8 325 252	8 310 300
Accommodation and food service activities	325 666	518 652	443 572	571 488	539 319
Information and communication	604 767	701 975	867 582	963 107	1 018 958
Financial and insurance activities	938 229	1 165 547	2 915 162	3 606 349	7 022 347
Real estate activities	567 637	812 772	712 812	627 830	538 402
Professional, scientific and technical activities	5 499 783	5 896 796	5 245 461	4 968 670	5 202 976
Administrative and support service activities	872 576	893 838	958 087	890 280	872 621
Arts, entertainment and recreation	77 627	157 740	206 231	201 277	223 969
Other service activities	98 533	38 656	61 028	43 364	34 483

6.41 Debtor indebtedness

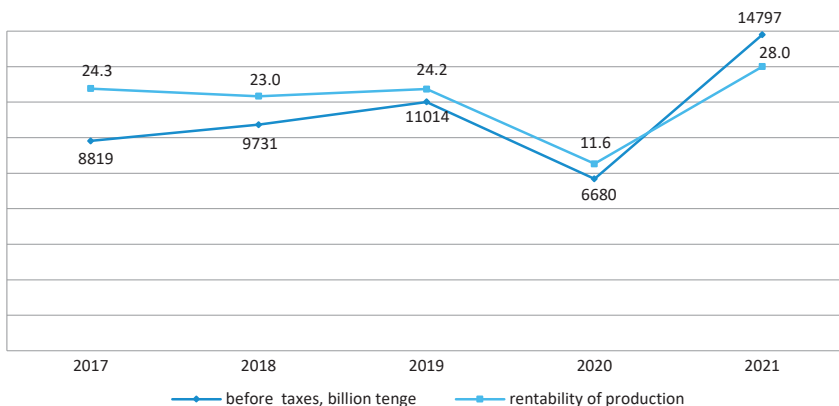
million tenge

	2017	2018	2019	2020	2021
Total	8 679 346	8 988 222	9 961 018	10 251 381	12 248 656
Agriculture, forestry and fishing	552 642	512 317	397 944	322 272	316 955
Mining and quarrying	1 458 080	1 476 967	2 013 300	1 973 757	2 552 142
Manufacturing	2 184 200	2 249 550	2 271 260	2 557 348	2 789 068
Electricity, gas, steam and air conditioning supply	230 879	259 466	270 290	349 401	350 741
Water supply; sewerage, waste management and remediation activities	23 037	25 578	30 915	33 167	52 635
Construction	1 247 030	1 382 047	1 589 804	1 451 987	2 227 373

Continuation

	2017	2018	2019	2020	2021
Wholesale and retail trade; repair of motor vehicles and motorcycles	1 146 040	1 006 596	1 192 724	1 312 400	1 579 261
Transportation and storage	649 549	716 163	605 236	659 670	936 821
Accommodation and food service activities	125 424	98 163	89 249	85 144	90 601
Information and communication	151 611	167 226	174 712	172 153	252 081
Financial and insurance activities	223 179	206 600	328 543	540 115	275 818
Real estate activities	143 577	117 304	119 208	134 785	103 497
Professional, scientific and technical activities	315 948	505 171	534 834	370 401	479 550
Administrative and support service activities	200 690	211 556	286 240	231 301	198 886
Arts, entertainment and recreation	7 309	33 696	48 365	8 893	10 342
Other service activities	20 151	19 822	8 394	48 587	32 887

Main indicators of financial-economic activity of medium and large enterprises



The balance of payments

The section includes the data compiled by the National Bank of the Republic of Kazakhstan on the balance of payments for the years 2012-2016.

The balance of payments of Kazakhstan is a systematic representation of all economic transactions between the residents and nonresidents for a certain period.

The compilation and estimation of the balance of payments (BOP) are made on the basis of the methodology of the International Monetary Fund (IMF Balance of Payments Manual, 6th edition, 2009).

Main rules for compiling the BOP and definitions are as follows:

- recording of transactions between the residents and nonresidents;
- recording of transactions according to the double-entry system;
- reflection of flows, not stocks;

- valuation of transactions and transfer of the amounts, denominated in - different currencies, using a unified recording unit;

- registration of transactions at the moment of changing the owner;

- recording of transactions by their type and sectors of the economy.

The double-entry system requires recording of transactions in the balance of payments by two equivalent values, one of which is designated as credit with a positive arithmetic sign, the other is recorded under debit with a negative sign. Positive values refer to the currency inflow, while the negative ones - to its outflow.

The sum of all credit entries should be equivalent to the sum of all debit entries, and net balance must be equal to zero. In practice the accounts frequently do not balance because the different sources of information and expert estimations are being used. Therefore, there is a balancing item «Net errors and omissions».

Use of the signs «+» or «-» in the balance of payments

Transactions	«+» Credit	«-» Debit
1. Current account		
Goods and services	Exports of goods and services	Imports of goods and services
Income	Receipts from nonresidents	Payments to nonresidents
Current transfers	Receipts from nonresidents	Payments to nonresidents
2. Capital & financial accounts and reserves		
Capital transfers	Receipts from nonresidents	Payments to nonresidents
Transactions with financial assets and liabilities	Inflow of financial assets (Increase of liabilities to nonresidents or decrease of claims on nonresidents)	Outflow of financial assets (Increase of claims on nonresidents or decrease of liabilities to nonresidents)

Valuation of transactions

The transactions are estimated at their actual market price, reflected in contracts and agreements between independent participants of the bargain.

Time of recording

The transactions with economic values are recorded at the moment when economic value is created, transformed, exchanged, transferred, or extinguished.

Resident and nonresident

Economic unit is a resident natural or legal person when it has a center of economic interest and lives more than one year on the economic territory of the country. The economic territory of a country consists of the geographic territory under the jurisdiction of the government; within this territory persons, goods and capital circulate freely. It also implies territorial enclaves located in other countries, such as embassies, consulates, military bases, etc.

Types of transactions

The transactions are subdivided into transactions with real (goods, services, income, non-produced and non-financial assets) and financial resources. Main types of transactions are as follows:

- exchange of a real resource for a real (barter) or financial (non-cash settlement, credit, etc.) resource, including creation of new financial claims or liabilities and their cancellation (debt forgiveness);
- exchange of some financial resources for other ones;
- payments or income receipts from the use of production factors (labor and capital);
- non-repayable transfers - granting of economic values by one party to another party without claims and receiving of economic values without liabilities. The transfers can be current and general. The movement of material and financial resources accompanying migration of the population refer to the capital transfers.

Main items of the BOP

The balance of payments consists of the following main components: current account, capital operations account, financial account (including reserve assets).

Current account reflects transactions with goods and services, income and current transfers between the residents and nonresidents. Transactions with capital transfers and nonproduced nonfinancial assets are covered in the capital operations account. Financial account consists of all transactions with financial instruments changing the international investment position.

The sub-accounts of the balance of payments sectors are interrelated. The positive balance of the sum under the current account and capital transfers means a net increase of assets or net decrease of liabilities; on the contrary, the deficit results in a net reduction of assets or net increase of liabilities to nonresidents. The structure of the balance of financial accountability and changes in net worth and liabilities indicate which financial claims and liabilities have been increased or decreased.

The above mentioned transactions are reflected in different items according to the next classification.

Goods

This item covers merchandise trade, including goods for processing with the subsequent re-import or re-export, repairs of capital movable goods like ships, goods acquired in ports by carriers, nonmonetary gold. In connection with non-coverage of the external trade transactions, the adjustments are made on coverage - the database is supplemented by the data on «shuttle trade», and on the valuation of transactions - the barter is adjusted on exports and imports for «non-equivalent barter», as well as the c.i.f. import value is corrected into the f.o.b. import value, required according to the methodology, by deduction of the cost of freight and insurance services related both to the residents and nonresidents. The cost of cargo transportation or freight through the CIS countries is estimated at 7% of the cost of goods from the CIS countries, and for other countries as 14% of the cost of goods covered by official statistics.

Services cover all categories of services, in particular cargo and passenger transportation, tourism and other, including mainly technical assistance as consulting and educational services, geophysical, building, communication and government services and others.

Income consists of income from the use of the production factors - labour and capital; these are compensation of employees as well as income from direct, portfolio and other investment and reserves. Capital income is divided into dividends, interest and other income.

Current transfers

This item includes contrary entries of transactions with real and financial resources, received or provided as a grant without compensation of the economic value equivalent, such as, for example, humanitarian and technical aid. This item also covers the government contribution into various international and interstate organizations, taxes and transfers of natural persons.

Capital transfers consist of those involving transfers of ownership, fixed assets and debt forgiveness without a quid pro quo. Such transfer of money resources is considered as capital transfers only in cases if these means are intended for the acquisition of fixed assets or capital construction.

Direct investment

Direct investor is an investor who has a profit share and owns not less than 10% of shares of the enterprises invested by him. Direct investment covers goods, property and financial resources. Direct investments in the balance of payments are classified as direct investments abroad, having an economic sense of assets (investments of residents into other economies), and direct investments into the national economy, having an economic character of liabilities to the nonresidents (investments of nonresidents into the given economy).

Portfolio investment

This category covers investment in corporate securities, including equity securities, the amount under which (profit share) is less than 10%, and government debt securities. Debt securities include bonds and reversal notes with maturity for more than one year, money market instruments and financial derivatives.

Other investments include trade (commercial) credits, government and private loans, currency and deposits, as well as other assets and liabilities, including accounts receivable and

payable related to the contracts on deliveries of goods and services.

Reserve assets cover components of the balance of payments, which are very important for the analysis of external transactions of the state. International reserves consist of external assets of the state, the transactions on which are carried out by the National Bank. They can be used for financing of the balance of payments deficit by interventions into the exchange market for the regulation of the exchange rate and maintenance of stability of the national currency. Reserve assets consist of monetary gold, SDR, reserve position in the IMF, foreign exchange assets (currency, deposits and securities) and other claims. It is accepted to reflect on the balance of payments only those changes of gold stocks, which have appeared as a result of transactions with monetary gold, i.e. purchase/sale of gold by another central bank or international financial organization.

The balance of payments may be presented in standard and analytical form. While presenting in analytical form, the components are grouped according to the purposes of the user.

6.42 Analytical presentation

million US dollars

	2017	2018	2019	2020	2021
Current Account	-5 091.8	-124.7	-7 195.8	-6 571.1	-5 736.5
Trade balance	16 727.8	25 579.2	18 130.5	10 286.3	20 673.8
Exports	47 301.0	59 826.3	58 164.6	47 305.5	60 336.5
Imports	30 573.2	34 247.1	40 034.2	37 019.2	39 662.7
Services	-3 577.8	-4 661.5	-3 664.5	-3 112.3	-1 850.1
Exports	6 504.9	7 319.9	7 754.3	5 049.8	5 814.0
Imports	10 082.6	11 981.4	11 418.8	8 162.0	7 664.1
Primary income	-18 138.5	-21 960.6	-22 724.5	-15 090.9	-24 221.9
Compensation of employees, net	-1 501.3	-1 583.9	-1 599.4	-899.9	-1 130.6
Investment income, net	-16 772.2	-20 511.7	-21 257.0	-14 317.8	-23 226.4
Income receivable	2 309.4	2 481.9	2 380.6	1 923.3	2 026.9
Income on direct investment	795.5	653.0	659.4	374.2	554.6
Income on portfolio investment	1 031.4	1 215.9	1 273.5	1 180.6	1 188.2
Income on other investments	482.5	613.0	447.7	368.5	284.0
of which interest on international reserves and assets of the National Fund	1 161.2	1 311.8	1 171.8	969.7	933.5
Income payable	19 081.6	22 993.7	23 637.7	16 241.1	25 253.3
Income on direct investment	16 521.9	20 337.7	21 232.2	14 072.6	22 815.1

	2017	2018	2019	2020	2021
Income on portfolio investment	1 199.1	1 182.3	991.9	898.1	1 100.9
Income on other investments	1 360.6	1 473.7	1 413.5	1 270.4	1 337.3
Other primary incomes, net	135.0	135.0	131.9	126.8	135.0
Secondary income	-103.4	918.2	1 062.8	1 345.7	-338.3
Capital account balance	346.8	251.0	246.6	236.2	231.8
Financial account (excluding reserve assets)	-5 523.2	2 690.3	1 298.4	-14 837.7	-3 016.6
Direct investment	-3 800.9	-4 992.6	-5 904.4	-5 831.0	-1 703.3
Net acquisition of financial assets	956.5	-4 639.3	-2 173.6	1 363.3	2 677.0
Net incurrence of liabilities	4 757.4	353.3	3 730.9	7 194.3	4 380.3
Portfolio investment	-5 400.2	2 899.6	5 118.2	-8 129.9	-3 316.1
Net acquisition of financial assets	-3 246.9	-728.7	4 887.7	-6 724.8	-894.1
Central bank and general government	-5 803.8	-854.3	1 885.9	-7 566.2	-5 826.6
Banks	872.2	-91.9	748.8	-746.6	1 305.3
Other sectors	1 684.7	217.6	2 253.0	1 588.0	3 627.1
Net incurrence of liabilities	2 153.2	-3 628.3	-230.5	1 405.1	2 422.0
Central bank and general government	-83.2	-73.5	1 270.8	854.9	1 735.4
Banks	-836.6	-164.5	-96.9	-309.4	311.8
Other sectors	3 073.0	-3 390.2	-1 404.4	859.6	374.8
Financial derivatives, net	115.5	109.4	-81.0	71.2	62.1
Other investments	3 562.4	4 673.9	2 165.6	-948.0	1 940.7
Other equities, net	38.8	36.0	21.7	32.5	-7.6
Medium- and long term debt instruments	-466.0	2 426.7	-329.8	-2 039.4	-3 201.6
Net acquisition of financial assets	-419.4	-4.5	51.6	-567.7	-209.1
Central bank and general government	-33.6	-14.0	-4.4	-6.5	-6.0
Banks	-44.9	-44.2	119.1	142.4	124.9
Other sectors	-340.8	53.7	-63.2	-703.6	-328.0
Net incurrence of liabilities	46.6	-2 431.2	381.4	1 471.7	2 992.6
Central bank and general government	-177.1	-284.7	-717.8	356.7	2 198.4
Banks	-235.2	-645.7	-512.1	137.7	-166.9
Other sectors	458.9	-1 500.8	1 611.3	977.4	961.1
Short term debt instruments	3 989.6	2 211.1	2 473.7	1 059.0	5 150.0
Net acquisition of financial assets	4 921.7	3 478.2	3 505.8	2 229.5	8 414.9
Net incurrence of liabilities	932.1	1 267.1	1 032.1	1 170.6	3 264.9
Net errors and omissions	-2 143.8	1 037.8	1 647.9	-9 392.5	123.9
Overall balance	1 365.5	1 526.2	6 599.7	889.7	2 364.2
Financing	-1 365.5	-1 526.2	-6 599.7	-889.7	-2 364.2
Reserve assets NBK	-1 365.5	-1 526.2	-6 599.7	-889.7	-2 364.2
IMF credits	0.0	0.0	0.0	0.0	0.0
Exceptional financing	0.0	0.0	0.0	0.0	0.0

6.43 Standard presentation

million US dollars

	2017	2018	2019	2020	2021
Current account	-5 091.8	-124.7	-7 195.8	-6 571.1	-5 736.5
Goods	16 727.8	25 579.2	18 130.5	10 286.3	20 673.8
Credit (Exports)	47 301.0	59 826.3	58 164.6	47 305.5	60 336.5
General merchandise on a balance of payments basis	47 259.5	59 795.6	58 082.3	47 365.4	60 257.9
official statistics	48 503.3	61 111.2	58 065.6	47 540.8	60 339.6
adjustments	-1 243.7	-1 315.7	16.7	-175.4	-81.7
Net exports of goods under merchanting	41.5	21.1	76.9	-66.5	56.7
Nonmonetary gold	0.0	9.6	5.5	6.7	22.0
Debit (Imports)	30 573.2	34 247.1	40 034.2	37 019.2	39 662.7
General merchandise on a balance of payments basis	30 544.0	34 238.4	39 758.5	36 628.6	39 295.1
official statistics	29 599.6	33 658.5	39 709.3	38 929.1	41 173.8
adjustments	944.3	579.8	49.2	-2 300.5	-1 878.8
Nonmonetary gold	29.2	8.7	275.6	390.6	367.7
Services	-3 577.8	-4 661.5	-3 664.5	-3 112.3	-1 850.1
Credit (Exports)	6 504.9	7 319.9	7 754.3	5 049.8	5 814.0
Manufacturing services on physical inputs owned by others	8.7	28.9	70.1	70.1	70.3
Maintenance and repair services n.i.e.	61.4	73.5	79.7	51.7	46.2
Transport	3 458.4	4 011.7	3 973.8	3 358.8	3 975.9
Passenger	220.5	396.1	459.4	129.8	153.0
Freight	2 932.2	3 236.1	3 134.4	2 926.9	3 442.4
Others	295.8	370.4	363.6	289.4	367.8
Postal and courier services	9.8	9.1	16.4	12.7	12.7
Travel	2 135.4	2 254.6	2 456.0	454.6	535.3
Construction	7.5	22.5	51.0	76.7	97.9
Insurance and pension services	84.2	77.9	97.4	140.8	130.5
Financial services	19.7	15.2	83.1	115.1	151.6
Charges for the use of intellectual property n.i.e.	0.7	0.9	2.8	1.4	2.9
Telecommunications, computer, and information services	116.1	122.5	131.6	145.0	175.8
Other business services	368.7	461.9	526.9	439.0	422.0
Research and development services	5.7	5.5	7.0	21.3	13.3
Professional and management consulting services	109.5	118.0	144.7	124.0	135.4
Technical, trade-related, and other business services	253.5	338.4	375.3	293.7	273.3
Personal, cultural, and recreational services	0.4	0.9	3.6	1.5	0.8
Government goods and services n.i.e.	243.6	249.4	278.4	195.1	204.8
Debit (Imports)	10 082.6	11 981.4	11 418.8	8 162.0	7 664.1
Manufacturing services on physical inputs owned by others	160.6	188.0	185.4	157.0	146.4
Maintenance and repair services n.i.e.	342.1	481.7	387.5	376.1	334.9
Transport	1 735.4	2 103.2	2 502.0	2 176.6	1 967.7
Passenger	134.8	165.3	192.2	35.4	56.5

	2017	2018	2019	2020	2021
Freight	1 336.8	1 552.5	1 857.3	1 883.7	1 674.8
Others	253.2	375.0	442.0	252.4	231.8
Postal and courier services	10.5	10.4	10.5	5.1	4.5
Travel	2 559.8	2 686.9	2 735.4	830.8	1 640.3
Construction	318.9	444.4	149.4	124.3	131.0
Insurance and pension services	44.5	43.6	39.6	43.9	59.8
Financial services	225.6	248.1	241.8	213.0	231.8
Charges for the use of intellectual property n.i.e.	117.1	167.7	141.7	146.6	231.5
Telecommunications, computer, and information services	294.8	398.9	401.1	427.1	457.2
Other business services	4 009.0	5 035.1	4 456.5	3 508.3	2 285.0
Research and development services	10.1	12.0	15.3	18.3	18.3
Professional and management consulting services	841.3	1 518.7	1 096.3	932.0	733.8
Technical, trade-related, and other business services	3 157.6	3 504.3	3 344.9	2 558.0	1 532.9
Personal, cultural, and recreational services	141.3	52.0	47.3	30.9	34.5
Government goods and services n.i.e.	133.6	131.8	131.0	127.6	144.3
Primary income	-18 138.5	-21 960.6	-22 724.5	-15 090.9	-24 221.9
Credit	2 448.3	2 620.9	2 516.4	2 054.0	2 165.8
Compensation of employees	3.9	3.9	3.9	3.9	3.9
Investment income	2 309.4	2 481.9	2 380.6	1 923.3	2 026.9
Direct investment	795.5	653.0	659.4	374.2	554.6
Income on equity and investment fund shares	266.0	361.3	478.7	173.3	341.6
Dividends and withdrawals from income of quasi-corporations	172.4	314.0	387.8	182.1	291.5
Direct investor in direct investment enterprises	172.4	310.3	384.7	182.1	290.6
Direct investment enterprises in direct investor (reverse investment)	0.0	0.0	0.0	0.0	0.9
Investments between fellow enterprises	0.0	3.6	3.1	0.0	0.0
Reinvested earnings	93.6	47.3	90.9	-8.8	50.1
Interest	529.5	291.7	180.7	200.9	213.0
Direct investor in direct investment enterprises	12.4	14.3	12.5	11.5	13.3
Direct investment enterprises in direct investor (reverse investment)	450.3	211.2	152.0	173.8	194.3
Investments between fellow enterprises	66.7	66.2	16.2	15.6	5.5
Memorandum: Interest before FISIM	529.5	291.7	180.7	200.9	213.0
Portfolio investment	1 031.4	1 215.9	1 273.5	1 180.6	1 188.2
Investment income on equity and investment fund shares	259.8	289.5	299.9	258.3	313.2
Interest	771.6	926.4	973.7	922.3	875.0
Other investments	219.0	299.0	244.6	238.2	170.9
Withdrawals from income of quasi-corporations	4.4	6.4	0.7	0.1	60.8
Interest	214.6	292.6	243.9	238.1	110.1
Memorandum: Interest before FISIM	214.6	292.6	243.9	238.1	110.1
Investment income attributable to policyholders in insurance, pension schemes, and standardized guarantees	0.0	0.0	0.0	0.0	0.0

	2017	2018	2019	2020	2021
Reserve assets	263.5	314.1	203.1	130.3	113.2
Income on equity and investment fund shares	0.0	0.0	0.0	0.2	1.5
Interest	263.5	314.1	203.1	130.1	111.7
Other primary incomes	135.0	135.0	131.9	126.8	135.0
Rent	135.0	135.0	131.9	126.8	135.0
Debit	20 586.8	24 581.5	25 240.9	17 144.9	26 387.7
Compensation of employees	1 505.2	1 587.8	1 603.3	903.8	1 134.4
Investment income	19 081.6	22 993.7	23 637.7	16 241.1	25 253.3
Direct investment	16 521.9	20 337.7	21 232.2	14 072.6	22 815.1
Income on equity and investment fund shares	12 271.0	15 339.4	16 059.5	10 076.3	19 598.9
Dividends and withdrawals from income of quasi-corporations	8 514.9	8 651.2	7 052.5	5 062.5	9 877.0
Direct investor in direct investment enterprises	8 493.6	8 613.0	7 017.0	5 040.6	9 849.3
Direct investment enterprises in direct investor (reverse investment)	0.0	0.0	0.0	0.0	0.5
Investments between fellow enterprises	21.4	38.2	35.5	21.8	27.3
Reinvested earnings	3 756.1	6 688.2	9 007.0	5 013.8	9 721.8
Interest	4 250.9	4 998.3	5 172.7	3 996.3	3 216.2
Direct investor in direct investment enterprises	3 101.4	3 785.5	4 087.6	3 079.9	2 426.2
Direct investment enterprises in direct investor (reverse investment)	288.6	324.9	341.4	406.8	398.6
Investments between fellow enterprises	860.9	887.9	743.6	509.6	391.4
Memorandum: Interest before FISIM	4 250.9	4 998.3	5 172.7	3 996.3	3 216.2
Portfolio investment	1 199.1	1 182.3	991.9	898.1	1 100.9
Investment income on equity and investment fund shares	46.2	58.0	103.4	58.8	125.8
Interest	1 152.8	1 124.3	888.6	839.3	975.1
Other investments	1 360.6	1 473.7	1 413.5	1 270.4	1 337.3
Withdrawals from income of quasi-corporations	0.0	0.0	0.0	0.0	0.0
Interest	1 360.6	1 473.7	1 413.5	1 270.4	1 337.3
Memorandum: Interest before FISIM	1 360.6	1 473.7	1 413.5	1 270.4	1 337.3
Investment income attributable to policyholders in insurance, pension schemes, and standardized guarantees	0.0	0.0	0.0	0.0	0.0
Other primary incomes	0.0	0.0	0.0	0.0	0.0
Rent	0.0	0.0	0.0	0.0	0.0
Secondary income	-103.4	918.2	1 062.8	1 345.7	-338.3
Credit (receivable)	2 088.6	2 965.5	3 048.0	3 387.1	2 133.2
General government	1 444.8	2 260.6	2 289.1	2 807.1	1 595.3
Financial corporations, nonfinancial corporations, households, and NPISHs	643.7	704.9	758.9	580.0	537.9
Personal transfers (current transfers between resident and nonresident households)	556.5	614.2	502.2	370.5	306.3
Other current transfers	87.2	90.7	256.7	209.5	231.6
Debit (payable)	2 191.9	2 047.3	1 985.2	2 041.4	2 471.5
General government	656.2	651.5	653.0	613.4	703.9
Financial corporations, nonfinancial corporations, households, and NPISHs	1 535.8	1 395.8	1 332.1	1 427.9	1 767.6

	2017	2018	2019	2020	2021
Personal transfers (current transfers between resident and nonresident households)	1 185.5	1 092.3	1 056.9	1 177.1	1 443.5
Other current transfers	350.2	303.5	275.2	250.9	324.1
Capital account	346.8	251.0	246.6	236.2	231.8
Credit	351.3	327.3	255.8	568.7	249.2
Gross disposals (CR.) of nonproduced nonfinancial assets	0.0	0.0	0.0	0.0	0.0
Capital transfers	351.3	327.3	255.8	568.7	249.2
General government	0.0	0.0	23.2	1.5	1.1
Debt forgiveness	0.0	0.0	0.0	0.0	0.0
Other capital transfers	0.0	0.0	23.2	1.5	1.1
Financial corporations, nonfinancial corporations, households, and NPISHs	351.3	327.3	232.7	567.2	248.1
Debt forgiveness	284.8	130.2	192.1	346.0	234.6
Other capital transfers	66.5	197.2	40.6	221.2	13.5
Debit	4.4	76.4	9.3	332.5	17.4
Gross acquisitions (DR.) of nonproduced nonfinancial assets	1.4	1.4	1.5	1.3	2.0
Capital transfers	3.1	75.0	7.8	331.2	15.4
General government	0.0	0.0	0.0	0.0	0.0
Debt forgiveness	0.0	0.0	0.0	0.0	0.0
Other capital transfers	0.0	0.0	0.0	0.0	0.0
Financial corporations, nonfinancial corporations, households, and NPISHs	3.1	75.0	7.8	331.2	15.4
Debt forgiveness	2.2	74.9	7.8	331.2	14.9
Other capital transfers	0.9	0.0	0.0	0.0	0.5
Net lending (+) / net borrowing (-) (balance from current and capital account)	-4 744.9	126.3	-6 949.2	-6 334.9	-5 504.7
Financial account	-6 888.7	1 164.0	-5 301.3	-15 727.4	-5 380.8
Net lending (+) / net borrowing (-) (balance from financial account) (B9)	-6 888.7	1 164.0	-5 301.3	-15 727.4	-5 380.8
Direct investment	-3 800.9	-4 992.6	-5 904.4	-5 831.0	-1 703.3
Net acquisition of financial assets	956.5	-4 639.3	-2 173.6	1 363.3	2 677.0
Equity and investment fund shares	1 007.3	-871.6	-2 260.6	789.6	604.6
Equity other than reinvestment of earnings	913.7	-918.9	-2 351.5	798.4	554.5
Direct investor in direct investment enterprises	913.7	-918.9	-2 351.5	798.4	554.5
Direct investment enterprises in direct investor (reverse investment)	0.0	0.0	0.0	0.0	0.0
Investments between fellow enterprises	0.0	0.0	0.0	0.0	0.0
Reinvestment of earnings	93.6	47.3	90.9	-8.8	50.1
Debt instruments	-50.8	-3 767.7	87.0	573.7	2 072.4
Direct investor in direct investment enterprises	-26.0	-19.8	2.3	77.1	47.8
Direct investment enterprises in direct investor (reverse investment)	105.1	-3 492.1	-12.3	635.1	1 212.8
Investments between fellow enterprises	-129.9	-255.8	97.0	-138.5	811.8
Net incurrence of liabilities	4 757.4	353.3	3 730.9	7 194.3	4 380.3
Equity and investment fund shares	5 748.1	2 648.7	6 496.4	5 297.3	10 361.8
Equity other than reinvestment of earnings	1 992.0	-4 039.5	-2 510.6	283.4	639.9

	2017	2018	2019	2020	2021
Direct investor in direct investment enterprises	1 992.0	-4 040.1	-2 510.7	283.3	633.4
Direct investment enterprises in direct investor (reverse investment)	0.0	0.0	0.1	0.1	6.6
Investments between fellow enterprises	0.0	0.6	0.0	0.0	0.0
Reinvestment of earnings	3 756.1	6 688.2	9 007.0	5 013.8	9 721.8
Debt instruments	-990.7	-2 295.4	-2 765.5	1 897.1	-5 981.5
Direct investor in direct investment enterprises	2 344.9	348.7	94.3	484.0	-2 730.6
Direct investment enterprises in direct investor (reverse investment)	-417.6	-90.7	387.4	3 046.3	-687.0
Investments between fellow enterprises	-2 918.0	-2 553.5	-3 247.3	-1 633.2	-2 563.9
Portfolio investment	-5 400.2	2 899.6	5 118.2	-8 129.9	-3 316.1
Net acquisition of financial assets	-3 246.9	-728.7	4 887.7	-6 724.8	-894.1
Equity and investment fund shares	1 216.2	184.4	731.1	1 629.8	-384.7
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	-0.3	0.0	0.0	0.0	0.0
General government	850.6	-24.8	377.4	819.2	-1 244.7
Other sectors	366.0	209.2	353.7	810.6	860.0
Other financial corporations	33.0	88.7	263.5	745.1	737.0
Nonfinancial corporations, households, and NPISHs	333.0	120.5	90.2	65.5	123.0
Debt securities	-4 463.2	-913.1	4 156.6	-8 354.6	-509.4
Central bank	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	872.6	-91.9	748.8	-746.6	1 305.3
Short-term	634.4	-291.1	233.6	-950.9	153.5
Long-term	238.2	199.2	515.1	204.3	1 151.8
General government	-6 654.4	-829.6	1 508.5	-8 385.4	-4 581.9
Short-term	-3 718.2	1 027.2	6 186.9	-194.0	3 138.6
Long-term	-2 936.3	-1 856.8	-4 678.4	-8 191.4	-7 720.4
Other sectors	1 318.7	8.4	1 899.3	777.4	2 767.1
Short-term	1 499.2	-621.9	1 620.4	-1 137.2	-1 514.7
Long-term	-180.5	630.3	279.0	1 914.6	4 281.8
Other financial corporations	1 224.3	79.2	758.4	1 447.5	2 646.7
Short-term	1 402.5	-524.0	571.9	-1 042.6	-1 524.5
Long-term	-178.2	603.3	186.5	2 490.0	4 171.3
Nonfinancial corporations, households, and NPISHs	94.4	-70.8	1 140.9	-670.0	120.3
Short-term	96.6	-97.9	1 048.4	-94.6	9.8
Long-term	-2.3	27.1	92.5	-575.4	110.6
Net incurrence of liabilities	2 153.2	-3 628.3	-230.5	1 405.1	2 422.0
Equity and investment fund shares	23.8	-1 517.7	482.2	900.7	110.8
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	4.5	2.2	368.1	-6.1	45.2
General government	0.0	0.0	0.0	0.0	0.0
Other sectors	19.3	-1 519.9	114.1	906.8	65.7
Other financial corporations	27.6	13.0	1.1	904.8	-4.4

	2017	2018	2019	2020	2021
Nonfinancial corporations, households, and NPISHs	-8.3	-1 532.8	113.0	1.9	70.1
Debt securities	2 129.5	-2 110.5	-712.7	504.4	2 311.2
Central bank	207.1	-75.2	122.5	470.8	-329.5
Short-term	207.1	-75.2	122.5	470.8	-329.5
Long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	-841.1	-166.7	-465.0	-303.3	266.6
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-841.1	-166.7	-465.0	-303.3	266.6
General government	-290.3	1.7	1 148.3	384.1	2 064.9
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-290.3	1.7	1 148.3	384.1	2 064.9
Other sectors	3 053.8	-1 870.4	-1 518.5	-47.1	309.2
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	3 053.8	-1 870.4	-1 518.5	-47.1	309.2
Other financial corporations	11.9	-506.2	-1 008.5	204.7	-72.8
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	11.9	-506.2	-1 008.5	204.7	-72.8
Nonfinancial corporations, households, and NPISHs	3 041.8	-1 364.2	-510.0	-251.8	381.9
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	3 041.8	-1 364.2	-510.0	-251.8	381.9
Financial derivatives (other than reserves) and employee stock options	115.5	109.4	-81.0	71.2	62.1
Net acquisition of financial assets	-31.7	96.2	-53.5	17.8	13.6
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except the Central bank	-20.6	66.5	-33.7	41.0	-19.1
General government	-12.8	30.1	0.5	-1.7	5.9
Other sectors	1.8	-0.3	-20.3	-21.5	26.8
Other financial corporations	0.5	0.0	0.0	0.8	26.5
Nonfinancial corporations, households, NPISHs	1.3	-0.3	-20.3	-22.3	0.3
Net incurrence of liabilities	-147.2	-13.2	27.5	-53.4	-48.5
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	-137.4	23.1	31.7	-53.4	-17.0
General government	0.0	0.0	0.0	0.0	0.0
Other sectors	-9.8	-36.3	-4.2	0.0	-31.5
Other financial corporations	-0.8	0.0	0.0	0.0	4.0
Nonfinancial corporations, households, NPISHs	-9.0	-36.3	-4.2	0.0	-35.5
Other investments	3 562.4	4 673.9	2 165.6	-948.0	1 940.7
Net acquisition of financial assets	4 541.1	3 509.8	3 579.1	1 694.3	8 198.2
Other equities	38.8	36.0	21.7	32.5	-7.6
Currency and deposits	773.0	-291.3	-895.1	-954.3	2 667.0
Central banks	-49.2	-1.8	37.2	1.2	-14.0
Short-term	-23.5	1.0	37.2	1.2	-14.0
Long-term	-25.7	-2.9	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	-790.3	-260.8	1 209.6	-911.7	114.7

	2017	2018	2019	2020	2021
Of which: Interbank positions	-433.8	-168.8	1 220.2	-1 206.0	307.3
Short-term	-843.1	-200.5	1 196.1	-1 078.5	102.6
Long-term	52.8	-60.3	13.5	166.9	12.1
General government	-379.0	2 601.9	-1 900.5	93.9	417.5
Short-term	-379.0	2 601.9	-1 900.5	93.9	417.5
Long-term	0.0	0.0	0.0	0.0	0.0
Other sectors	1 991.5	-2 630.6	-241.5	-137.8	2 148.8
Short-term	2 136.6	-2 609.2	-491.6	-10.7	2 361.4
Long-term	-145.1	-21.3	250.0	-127.1	-212.6
Other financial corporations	834.8	364.0	947.8	-1 261.3	295.8
Short-term	842.8	373.0	947.8	-1 261.3	295.8
Long-term	-8.0	-9.0	0.0	0.0	0.0
Nonfinancial corporations, households, NPISHs	1 156.7	-2 994.6	-1 189.4	1 123.6	1 853.0
Short-term	1 293.8	-2 982.3	-1 439.4	1 250.6	2 065.6
Long-term	-137.1	-12.3	250.0	-127.1	-212.6
Loans	33.0	-122.9	-640.2	-328.2	19.5
Central bank	81.8	25.2	-389.1	-190.4	0.0
Credit and loans with the IMF (other than reserves)	0.0	0.0	0.0	0.0	0.0
Other short-term	81.8	25.2	-389.1	-190.4	0.0
Other long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except the Central bank	-68.5	-313.3	60.1	72.1	154.3
Short-term	29.2	-329.4	-45.6	96.6	41.5
Long-term	-97.7	16.2	105.6	-24.5	112.8
General government	-7.9	-6.2	-6.3	-6.5	-6.0
Credit and loans with the IMF (other than reserves)	0.0	0.0	0.0	0.0	0.0
Other short-term	0.0	0.0	0.0	0.0	0.0
Other long-term	-7.9	-6.2	-6.3	-6.5	-6.0
Other sectors	27.5	171.4	-304.8	-203.4	-128.8
Short-term	189.9	21.0	45.1	2.7	153.8
Long-term	-162.4	150.3	-350.0	-206.1	-282.6
Other financial corporations	-134.3	-86.2	-139.8	-251.6	-24.1
Short-term	96.8	-93.7	-2.6	37.1	-10.6
Long-term	-231.1	7.5	-137.2	-288.8	-13.5
Nonfinancial corporations, households, and NPISHs	161.9	257.6	-165.1	48.2	-104.7
Short-term	93.1	114.8	47.7	-34.4	164.5
Long-term	68.7	142.8	-212.8	82.6	-269.2
Insurance, pension, and standardized guarantee schemes (F60)	0.0	0.0	0.0	0.0	0.0
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except the Central bank	0.0	0.0	0.0	0.0	0.0
General government	0.0	0.0	0.0	0.0	0.0
Other sectors	0.0	0.0	0.0	0.0	0.0

	2017	2018	2019	2020	2021
Other financial corporations	0.0	0.0	0.0	0.0	0.0
Nonfinancial corporations, households, NPISHs	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	146.2	1.6	425.2	-304.7	1 989.7
Central bank	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
General government	-0.9	-23.3	-7.3	-1.8	-5.9
Short-term	-0.9	-18.2	-9.3	-1.8	-5.9
Long-term	0.0	-5.0	1.9	0.0	0.0
Other sectors	147.1	24.9	432.6	-302.9	1 995.5
Short-term	178.9	56.5	439.3	15.4	1 800.5
Long-term	-31.8	-31.6	-6.8	-318.3	195.0
Other financial corporations	-56.9	-6.6	-32.3	3.7	-19.0
Short-term	28.2	-6.9	-32.5	4.4	-18.7
Long-term	-85.1	0.3	0.2	-0.7	-0.4
Nonfinancial corporations, households, and NPISHs	204.0	31.4	464.9	-306.6	2 014.6
Short-term	150.7	63.4	471.8	11.0	1 819.2
Long-term	53.3	-32.0	-6.9	-317.6	195.4
Other accounts receivable/payable	3 550.1	3 886.4	4 667.5	3 249.0	3 529.7
Central bank	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	19.2	69.2	28.6	-19.5	102.4
Short-term	19.2	69.2	28.6	-19.5	102.4
Long-term	0.0	0.0	0.0	0.0	0.0
General government	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Other sectors	3 531.0	3 817.2	4 638.9	3 268.5	3 427.3
Short-term	3 532.6	3 860.8	4 595.3	3 320.6	3 455.1
Long-term	-1.6	-43.6	43.6	-52.1	-27.8
Other financial corporations	19.9	-38.1	20.0	16.1	145.0
Short-term	24.7	-31.8	4.5	49.4	127.6
Long-term	-4.7	-6.3	15.5	-33.3	17.4
Nonfinancial corporations, households, NPISHs	3 511.0	3 855.2	4 618.9	3 252.4	3 282.3
Short-term	3 507.9	3 892.6	4 590.8	3 271.2	3 327.5
Long-term	3.2	-37.3	28.1	-18.8	-45.2
Net incurrence of liabilities	978.7	-1 164.1	1 413.5	2 642.3	6 257.5
Other equities	0.0	0.0	0.0	0.0	0.0
Currency and deposits	61.8	369.9	73.8	483.2	473.1
Central banks	-45.8	-12.8	-3.3	-0.6	5.5
Short-term	-8.6	-2.8	-3.3	-0.6	5.5

	2017	2018	2019	2020	2021
Long-term	-37.2	-10.0	0.0	0.0	0.0
Deposit-taking corporations, except the Central bank	107.6	382.7	77.0	483.8	467.6
Of which: Interbank positions	9.2	195.8	-4.7	189.4	-72.0
Short-term	78.8	248.3	152.0	467.3	485.7
Long-term	28.7	134.4	-75.0	16.5	-18.1
General government	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Other sectors	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Other financial corporations	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Nonfinancial corporations, households, and NPISHs	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Loans	466.0	-2 567.4	548.4	1 331.9	1 028.0
Central bank	0.0	0.0	0.0	0.0	0.0
Credit and loans with the IMF	0.0	0.0	0.0	0.0	0.0
Other short-term	0.0	0.0	0.0	0.0	0.0
Other long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except the Central bank	-224.1	-758.3	-435.7	53.8	-161.7
Short-term	39.8	21.8	1.4	-67.4	-12.9
Long-term	-263.9	-780.1	-437.1	121.2	-148.8
General government	-138.7	-274.7	-717.8	356.7	624.6
Credit and loans with the IMF	0.0	0.0	0.0	0.0	0.0
Other short-term	0.0	0.0	0.0	0.0	0.0
Other long-term	-138.7	-274.7	-717.8	356.7	624.6
Other sectors	828.9	-1 534.4	1 701.9	921.5	565.1
Short-term	198.1	128.7	45.7	-33.4	391.1
Long-term	630.8	-1 663.1	1 656.2	954.9	174.0
Other financial corporations	16.9	26.0	57.2	-159.9	-93.1
Short-term	-0.8	-0.9	0.6	4.8	-21.6
Long-term	17.7	26.9	56.6	-164.7	-71.5
Nonfinancial corporations, households, and NPISHs	812.0	-1 560.4	1 644.7	1 081.4	658.2
Short-term	198.8	129.6	45.1	-38.2	412.7
Long-term	613.1	-1 690.0	1 599.6	1 119.6	245.5
Insurance, pension, and standardized guarantee schemes (F60)	29.5	7.4	21.5	10.9	14.7
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except the Central bank	0.0	0.0	0.0	0.0	0.0

	2017	2018	2019	2020	2021
General government	0.0	0.0	0.0	0.0	0.0
Other sectors	29.5	7.4	21.5	10.9	14.7
Other financial corporations	29.5	7.4	21.5	10.9	14.7
Nonfinancial corporations, households, NPISHs	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	529.8	917.8	951.6	856.5	1 663.3
Central bank	-1.5	0.9	0.2	0.0	-0.8
Short-term	-1.5	0.9	0.2	0.0	-0.8
Long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
General government	7.8	4.4	-3.1	8.7	9.2
Short-term	7.8	4.4	-3.1	8.7	9.2
Long-term	0.0	0.0	0.0	0.0	0.0
Other sectors	523.5	912.4	954.4	847.8	1 654.9
Short-term	677.3	763.0	1 018.6	859.9	1 236.6
Long-term	-153.7	149.4	-64.3	-12.1	418.2
Other financial corporations	-6.3	0.3	-1.7	-13.9	3.5
Short-term	-6.2	0.1	-0.1	-13.2	2.2
Long-term	0.0	0.2	-1.6	-0.6	1.2
Nonfinancial corporations, households, and NPISHs	529.8	912.1	956.1	861.6	1 651.4
Short-term	683.5	762.9	1 018.7	873.1	1 234.4
Long-term	-153.7	149.1	-62.6	-11.5	417.0
Other accounts receivable/payable	-108.4	108.3	-181.8	-40.2	1 504.5
Central bank	0.0	0.0	0.0	0.0	-0.1
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	-0.1
Deposit-taking corporations, except Central bank	13.4	92.6	-12.8	4.5	82.7
Short-term	13.4	92.6	-12.8	4.5	82.7
Long-term	0.0	0.0	0.0	0.0	0.0
General government	-1.1	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-1.1	0.0	0.0	0.0	0.0
Other sectors	-120.7	15.7	-169.0	-44.7	1 421.9
Short-term	-72.9	10.1	-166.7	-68.4	1 067.8
Long-term	-47.7	5.6	-2.3	23.7	354.1
Other financial corporations	-78.8	-99.1	-125.4	-78.2	994.7
Short-term	-81.8	-101.4	-123.2	-77.2	932.3
Long-term	3.0	2.3	-2.2	-1.1	62.4
Nonfinancial corporations, households, NPISHs	-41.8	114.8	-43.6	33.5	427.2
Short-term	8.9	111.5	-43.5	8.8	135.5
Long-term	-50.7	3.3	-0.1	24.8	291.7
Special drawing rights (Net incurrence of liabilities)	0.0	0.0	0.0	0.0	1 573.9
Reserve assets	-1 365.5	-1 526.2	-6 599.7	-889.7	-2 364.2
Monetary gold	0.0	0.0	0.0	0.0	0.0

Continuation

	2017	2018	2019	2020	2021
Special drawing rights	1.0	2.5	2.8	0.8	1 574.1
Reserve position in the IMF	0.0	0.0	0.0	0.0	0.0
Other reserve assets	-1 366.5	-1 528.7	-6 602.4	-890.5	-3 938.2
Currency and deposits	-3 767.5	1 609.8	-1 558.2	-946.7	-3 673.8
Claims on monetary authorities	-5 310.2	1 276.0	-960.2	3 563.4	-3 176.0
Claims on other entities	1 542.7	333.8	-598.0	-4 510.1	-497.8
Securities	2 397.7	-3 130.3	-5 053.8	60.9	-264.4
Debt securities	2 397.7	-3 170.2	-5 064.9	101.4	-306.4
Short-term	694.7	-2 177.1	-2 135.9	213.4	-303.5
Long-term	1 703.0	-993.1	-2 929.0	-112.0	-2.9
Equity and investment fund shares	0.0	39.9	11.1	-40.5	42.0
Financial derivatives	3.3	-8.2	9.5	-4.8	0.0
Other claims	0.0	0.0	0.0	0.0	0.0
Net errors and omissions	-2 143.8	1 037.8	1 647.9	-9 392.5	123.9

7

Real sector of economy



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7. Real sector of economy



Agriculture, forestry, hunting and fisheries statistics

Agricultural enterprise is a legal entity or its structural subdivision involved in the production, storage and processing of agricultural products, the provision of services in the field of agriculture.

Peasant (private) farm is an employment of persons in which the implementation of individual entrepreneurship is inextricably linked to the use of agricultural lands for the agricultural production, as well as to the processing and sale of agricultural products.

Households of the population imply private farms, collective gardens and orchards, household plots. Private farms are provided with land to use, possess and own for the manufacture of agricultural products.

Total land area is the area of the land surface, together with the internal waters within the state borders.

Agricultural lands are land plots used for the agricultural production. They contain arable lands, fallows, lands under the perennial crops, hayfields and pastures.

Arable land is a land plot, systematically processed and used for sowing crops, including perennial grasses, and fallow. Arable land does not include land hayfields and pastures occupied by the preliminary crops (for a maximum of three years), plowed with the purpose of radical improvement, and gardens aisles used for crops.

Hay fields are agricultural lands, systematically used for haymaking.

Pastures are agricultural lands, systematically used for grazing animals (such use is the main one), as well as lands suitable for grazing livestock, not used for haymaking and which are not fallows.

The gross output of agricultural products (services) is the total value of goods and services produced in the field, both for the implementation as well as for the own consumption. The gross output of agricultural products (services) is formed of the value of the production of livestock and plant growing, the value of changes in

the work in progress in the crop production and in the volume of agricultural services rendered.

The gross production of plant growing is the value of all crops produced from the harvest of the current year: cereals, industrial crops (oilseeds, sugar beet, tobacco, etc.), potatoes, vegetables and melon crops, fruits and berries, other types of crop products (root crops, hay, straw, haylage, silage, grasses, flowers, etc.).

The cost of work in progress in the plant growing is the costs of tillage service, viz, of plowing under winter fallow, raising fallows, soil preparation for sowing of winter crops for the future harvest; costs of laying, processing and maintenance of gardens.

Gross production of livestock is costs of products obtained from farm animals (milk, eggs, wool, skins, etc.), costs of livestock and poultry slaughtered on the farm or sold for slaughter, costs of beekeeping and fur farming production.

Index of physical volume of the gross production (services) of agriculture is a relative indicator characterizing the change in the volume of agricultural production in the comparable periods.

Cultivated area is an area of arable land, with agricultural crops. It contains winter crops of the last year less winter deaths; spring crops planted this year on an independent area, including reseeding of winter crops and perennial grasses sown this year (overt); perennial grasses sown last year on an area to be cleaned in the current year, i.e. mowing area, preserved by spring. The indicator of the "Clarified sown area" is formed by the agricultural enterprises on the basis of data of statistical observation by the 29th form "On the agricultural crops, harvesting", by peasant (private) farms and households of the population on the basis of data of recording of households and peasant (private) farms for the July 1st of the reporting year.

Gross harvest of agricultural crops is products manufactured (assembled) from the whole

crop area of various crops, agricultural crops or other agricultural lands.

Agricultural crop yields are an indicator characterizing an average harvest of agricultural crops obtained from the area unit; it is calculated as the ratio of gross yield to the harvested area, in centners from 1 hectare.

Number of livestock and poultry is the number of living livestock and poultry possessed by the households for a specific date.

Cattle litter is the number of animals born, obtained from the wombs possessed by the household less the dead born litter.

Murrain is the number of agricultural animals and poultry, dead and forcedly slaughtered as a result of disease, disaster, negligent attitude of the workers, etc.

Livestock production is the manufacture of finished products and raw materials as a result of using agricultural animals (milk, eggs, wool, skins, etc.), slaughter in the farm or sale for slaughter of all types of livestock and poultry, beekeeping and fur farming products.

Livestock and poultry slaughtered in the farm or sold for slaughter is slaughter of livestock and poultry directly in the farm or in the slaughterhouse to use meat for the own needs, for sale or provision to the organisations, enterprises and farm workers, including barter deals, as well as sale of livestock and poultry for slaughter to the procurement organizations, processing enterprises, through a catering network (canteens, restaurants, cafes), trade network, including markets, as well as for export.

Milk production is characterized by the actually milked cow, sheep, goat, camel, mare's yield regardless of whether it has been implemented or part of it has been consumed on the farm for feeding calves and piglets. Milk suckled by calves in their nursing upkeep is not included in the milk production and is not taken into account in calculating the productivity of cows.

Wool production includes all actually shorn sheep, goat, camel wool and goat down, regardless of whether it has been implemented or used for the farm needs. Wool obtained from the industrial processing of sheepskins

(the so-called «sour wool») is not included in the products. The weight of wool is shown as a physical one, immediately after shearing.

Egg production implies their gathering for the year from all kinds of poultry, including eggs used for the poultry reproduction (incubation and others).

Productivity of livestock and poultry is an indicator characterizing the livestock production per 1 head of livestock and poultry. Productivity is characterized by such indicators as an average milk yield per 1 dairy cow, an average egg production per 1 chicken hen, an average wool shear per 1 sheep, an average live or carcass weight per 1 livestock head.

The level of profitability (unprofitability) of agricultural production is the degree of effectiveness of using material, labour and monetary resources as well as natural resources in the agricultural production. It is calculated as the ratio of gross profit to the cost of agricultural products sold.

The volume of goods (services) in hunting is the cost of wild animals and game obtained in the hunting process; costs of hunting regulation, such as wild animals protection, consideration of their number and settling, system of hunts and economic studies, etc.; the cost of services rendered in the sphere of hunting and breeding of wild animals and game.

The volume of goods (services) in forestry is the cost of wood harvested during felling for the main use, as well as during felling to thin the forest, selective sanitary felling, felling connected with the reconstruction of forest plantations; costs of growing forests, reforestation and forest regulation; the cost of rendered services connected with forestry and wooding.

The volume of goods (services) in fishery and aquaculture is the cost of the fish caught, caught seafood and marine materials (crustaceans, mollusks, turtles, sea squirts, sea urchins, natural pearls, sponges, corals, algae, etc.), costs for breeding marine organisms and cultures, as well as the cost of rendered services connected with fishery and fish-breeding.

7.1 Main indicators of the performance of agricultural enterprises

	2017	2018	2019	2020	2021
Clarified sown area of agricultural structures, thousand hectares	13 117.9	13 107.7	13 043.1	13 377.6	13 690.0
of which of:					
grain-crops (including rice) and legumes	10 063.0	9 817.0	9 824.9	10 133.4	10 318.5
grain-crops (except rice) and legumes	10 011.8	9 761.5	9 775.2	10 083.4	10 272.3
rice	51.2	55.5	49.6	50.0	46.2
potatoes	14.3	17.4	16.8	16.9	20.0
vegetables	8.0	8.5	6.5	6.8	7.7
melons	11.9	10.2	10.9	10.1	10.4
forage crops	1 581.6	1 585.2	1 540.6	1 512.7	1 449.2
Gross harvest of certain agricultural crops, thousand tons					
grain-crops (including rice) and legumes	13 018.4	12 810.3	10 918.7	11 761.5	9 432.0
grain-crops (except rice) and legumes	12 786.5	12 551.9	10 658.7	11 509.3	9 197.8
rice	231.9	258.4	260.0	252.2	234.2
sugar beet	74.1	65.5	80.2	55.0	59.4
raw cotton	19.5	20.0	20.1	19.6	16.6
potatoes	280.5	387.4	387.5	399.5	448.8
vegetables	190.6	199.8	211.8	179.8	197.5
melons	187.0	185.8	213.8	216.7	221.1
Number of livestock (at the end of the year), thousand heads					
cattle	662.9	712.8	717.9	753.8	771.7
pigs	221.1	214.3	241.0	255.1	259.4
sheep and goats	835.1	830.0	874.2	982.3	1 077.6
Manufacture of certain livestock products					
number of livestock and poultry (in carcass weight) slaughtered in the farm or sold for slaughter, thousand tons	252.8	271.4	315.1	339.5	383.8
milk, thousand tons	361.4	384.6	414.0	466.8	512.6
eggs, million pieces	3 850.9	4 345.0	4 258.3	3 778.2	3 544.1
wool, thousand tons	1.7	1.7	1.5	1.6	1.6
Level of profitability (unprofitability) of agricultural production, percent	39.7	37.3	41.5	50.1	51.0
grain-crops (including rice) and legumes	37.6	35.8	42.3	49.9	48.9
raw cotton	22.9	21.5	17.3	17.9	18.6
sugar beet	10.9	12.0	37.3	11.8	- 47.4
potatoes	55.2	47.9	32.4	54.4	66.9
open soil vegetables	35.2	38.3	34.9	19.6	22.3
grape	3.9	34.5	39.7	39.8	1.8
Number of livestock and poultry (in carcass weight) slaughtered in the farm or sold for slaughter	353.4	384.9	446.9	483.0	549.1
cattle	77.9	98.9	118.6	129.1	146.0
sheep and goats	46.3	38.7	40.1	41.8	38.3
pigs	8.1	6.2	7.5	7.5	7.8
poultry	215.5	233.2	271.1	287.3	334.6

7.2 Main indicators of the development of peasant (private) farms

data of the survey

	2017	2018	2019	2020	2021
Gross harvest of certain agricultural crops, thousand tons					
grain-crops (including rice) and legumes	7 535.9	7 430.8	6 480.5	8 274.6	6 914.2
grain-crops (except rice) and legumes	7 278.3	7 206.2	6 179.8	7 970.0	6 644.7
rice	257.6	224.5	300.7	304.6	269.6
vegetable	2 023.7	2 247.6	2 525.2	2 686.5	2 676.8
melons	1 706.4	1 752.5	1 949.6	1 981.1	2 321.5
potatoes	1 257.2	1 352.5	1 443.4	1 497.5	1 510.4
Number of livestock (at the end of the year), thousand heads					
cattle	2 224.1	2 409.8	2 624.3	2 859.3	3 132.5
pigs	110.5	93.2	78.7	72.3	81.7
sheep and goats	6 731.4	7 061.8	7 573.3	8 227.4	8 845.9
Manufacture of certain livestock products					
number of livestock and poultry (in carcass weight) slaughtered in the farm or sold for slaughter, thousand tons	191.5	204.8	215.1	225.9	234.9
milk, thousand tons	1 038.1	1 120.4	1 182.7	1 245.4	1 306.8
eggs, million pieces	22.8	26.6	27.9	29.6	30.9
wool, thousand tons	14.5	14.7	15.1	15.7	16.6

7.3 Gross of agriculture, forestry and fisheries

at current prices; million tenge

	2017	2018	2019	2020	2021
Farms of all types					
Agriculture	4 092 333.0	4 497 585.4	5 177 893.7	6 363 976.1	7 549 827.9
Plant growing	2 249 166.9	2 411 486.7	2 817 660.6	3 687 310.3	4 387 236.5
Animal husbandry	1 810 914.1	2 050 455.8	2 319 496.7	2 637 460.7	3 116 973.5
Agricultural enterprises					
Agriculture	996 823.4	1 091 180.3	1 293 980.0	1 670 303.4	1 927 748.2
Plant growing	704 562.6	746 792.2	890 527.8	1 237 363.1	1 355 704.1
Animal husbandry	260 008.9	308 745.2	362 715.8	423 042.5	526 426.5
Peasant (private) farms					
Agriculture	1 152 498.7	1 317 352.9	1 607 788.5	2 033 585.4	2 420 164.4
Plant growing	844 292.0	951 327.1	1 177 215.8	1 554 276.3	1 870 746.1
Animal husbandry	308 206.7	366 025.9	430 572.7	479 309.1	549 418.3
Households' plots					
Agriculture	1 943 010.8	2 089 052.2	2 276 125.2	2 630 780.0	3 201 915.3
Plant growing	700 312.3	713 367.5	749 917.0	895 670.9	1 160 786.3
Animal husbandry	1 242 698.5	1 375 684.7	1 526 208.2	1 735 109.1	2 041 129.0

7.4 Volume indices of agricultural output by types of farms

in percent to the previous year

	Farms of all types	Of which		
		agricultural enterprises	households' plots	peasant (private) farms
Total				
2017	103.1	105.0	107.3	99.6
2018	103.5	104.2	105.5	102.1
2019	99.9	93.9	102.1	101.7
2020	105.7	107.8	109.3	101.9
2021	97.8	92.2	97.5	101.6
Gross production of plant growing				
2017	102.2	101.8	104.9	99.3
2018	103.2	102.0	104.7	102.5
2019	96.4	86.2	100.9	101.2
2020	107.8	109.2	110.8	101.7
2021	93.4	85.5	95.4	100.9
Gross production of cattle breeding				
2017	103.9	113.7	114.8	99.8
2018	103.9	109.7	107.6	101.8
2019	104.0	111.3	105.4	102.0
2020	103.1	104.9	105.2	102.0
2021	103.6	110.0	104.3	101.9
Services in the agricultural sphere				
2017	100.0	100.0	-	-
2018	105.8	105.8	-	-
2019	109.2	109.2	-	-
2020	100.0	100.0	-	-
2021	101.5	101.5	-	-

7.5 Structure of production of main agricultural products by types of farms

as percent of farms of all types

	2017	2018	2019	2020	2021
Agricultural enterprises					
Grain (including rice) and legumes	63.2	63.2	62.6	58.6	57.6
Raw - cotton	5.9	5.8	5.8	6.0	5.7
Sugar beet	16.0	13.0	16.5	11.8	17.9
Sunflower	44.1	42.8	41.6	44.0	50.8
Potatoes	7.9	10.2	9.9	10.0	11.1
Vegetables	6.2	6.0	4.9	5.5	5.6
Melons	8.9	8.7	9.0	8.9	8.0
Meat (slaughter weight)	24.8	25.6	28.1	29.0	31.2
Milk	6.6	6.8	7.1	7.7	8.2
Eggs	75.5	77.7	77.0	74.6	73.3
Wool (physical weight)	4.4	4.4	3.9	4.0	4.0

	2017	2018	2019	2020	2021
Peasant (private) farms					
Grain (including rice) and legumes	36.6	36.6	37.2	41.2	42.2
Raw - cotton	94.1	94.2	94.2	94.0	94.3
Sugar beet	84.0	87.0	83.5	88.2	82.1
Sunflower	55.8	57.1	58.3	55.9	49.1
Potatoes	35.4	35.5	36.9	37.4	37.5
Vegetables	53.4	56.1	57.0	58.5	59.0
Melons	81.5	81.8	81.8	81.7	83.5
Meat (slaughter weight)	18.8	19.3	19.2	19.3	19.1
Milk	18.9	19.7	20.1	20.6	20.9
Eggs	0.4	0.5	0.5	0.6	0.6
Wool (physical weight)	37.3	37.5	38.2	39.2	40.2
Households' plots					
Grain (including rice) and legumes	0.1	0.2	0.2	0.1	0.2
Raw - cotton	-	-	-	-	-
Sugar beet	0.0	0.0	0.0	0.0	0.0
Sunflower	0.1	0.1	0.1	0.1	0.1
Potatoes	56.7	54.3	53.2	52.7	51.4
Vegetables	40.5	38.9	37.2	36.0	35.4
Melons	9.6	9.5	9.2	9.4	8.5
Meat (slaughter weight)	56.3	55.1	52.7	51.6	49.7
Milk	74.6	73.5	72.8	71.7	70.9
Eggs	24.1	21.8	22.5	24.8	26.1
Wool (physical weight)	58.3	58.1	57.8	56.9	55.9

Plant growing

7.6 Use of mineral fertilizers by agricultural enterprises

in 100% of nutrient equivalent

	2017	2018	2019	2020	2021
Mineral fertilizers, thousand tons	104.4	105.0	67.8	144.7	105.5
of which:					
nitrogen	57.3	67.0	37.9	56.8	57.3
phosphate (including ground phosphate rock)	45.0	36.5	27.4	85.3	44.3
potassium	2.0	1.2	1.6	1.9	2.9

7.7 Use of mineral fertilizers while sowing by agricultural enterprises

	2017	2018	2019	2020	2021
Use of mineral fertilizers (in 100% of nutrient equivalent) total, thousand tons	104.4	105.0	67.8	144.7	105.5
of which used under:					
grains	80.3	91.5	55.4	130.9	89.7
sugar beet	0.3	0.1	0.1	0.1	0.0
sunflower	9.1	11.7	2.4	2.5	5.1
vegetable and melon crops	2.8	1.3	0.7		1.0
potatoes	8.3	1.8	1.4	1.5	2.4
forage crops	2.0	1.9	2.1	2.2	3.1
Share of fertilized land area in total sown area, percent	8.0	15.0	17.6	19.3	24.5

7.8 Sown areas under agricultural crops

thousand hectares

	2017	2018	2019	2020	2021
Farms of all types					
Total sown area	21 839.9	21 899.4	22 135.8	22 582.4	22 925.7
Grain (including rice) and legumes	15 405.4	15 150.0	15 396.6	15 878.4	16 108.0
grain-crops (except rice) and legumes	15 300.7	15 048.6	15 294.7	15 774.2	16 011.2
Oil-bearing crops	2 478.9	2 834.2	2 861.1	2 905.1	3 102.4
Potatoes	183.4	193.0	193.0	194.4	195.8
Field vegetables	142.9	152.3	159.1	163.6	168.6
Melons	93.8	96.1	102.1	101.9	110.1
Forage crops	3 382.3	3 323.2	3 277.2	3 197.5	3 114.6
Agricultural enterprises					
Total sown area	13 117.9	13 107.7	13 043.1	13 377.6	13 690.0
Grain (including rice) and legumes	10 063.0	9 817.0	9 824.9	10 133.4	10 318.5
grain-crops (except rice) and legumes	10 011.8	9 761.5	9 775.2	10 083.4	10 272.3
Oil-bearing crops	1 428.0	1 658.5	1 633.1	1 687.1	1 874.5
Potatoes	14.3	17.4	16.8	16.9	20.0
Field vegetables	8.0	8.5	6.5	6.8	7.7
Melons	11.9	10.2	10.9	10.1	10.4
Forage crops	1 581.6	1 585.2	1 540.6	1 512.7	1 449.2

Continuation

	2017	2018	2019	2020	2021
Peasant (private) farms					
Total sown area	8 520.5	8 589.1	8 892.6	9 005.1	9 036.0
Grain (including rice) and legumes	5 335.9	5 326.5	5 565.8	5 739.2	5 783.9
grain-crops (except rice) and legumes	5 282.5	5 280.5	5 513.4	5 685.0	5 733.3
Oil-bearing crops	1 050.3	1 175.0	1 227.4	1 217.4	1 227.3
Potatoes	62.1	68.1	70.0	72.0	70.9
Field vegetables	73.2	80.5	89.0	93.3	96.6
Melons	71.9	75.8	80.4	80.6	88.1
Forage crops	1 784.8	1 723.7	1 723.8	1 671.8	1 652.7
Households' plots					
Total sown area	201.5	202.6	200.0	199.7	199.8
Grain (including rice) and legumes	6.4	6.6	6.0	5.8	5.7
grain-crops (except rice) and legumes	6.4	6.6	6.0	5.8	5.7
Oil-bearing crops	0.5	0.7	0.6	0.6	0.5
Potatoes	106.9	107.5	106.2	105.5	104.9
Field vegetables	61.7	63.3	63.6	63.5	64.3
Melons	10.0	10.1	10.8	11.2	11.5
Forage crops	15.8	14.3	12.8	13.0	12.8

7.9 Production of main types of agricultural products

thousand tons

	2017	2018	2019	2020	2021
Farms of all types					
Grain (including rice) and legumes	20 585.1	20 273.7	17 428.6	20 063.3	16 375.9
Sugar beet	463.2	504.5	485.5	466.3	332.2
Raw cotton	330.5	343.6	344.4	326.6	290.4
Potatoes	3 551.1	3 807.0	3 912.1	4 006.8	4 031.6
Sunflower	902.9	847.7	838.7	844.3	1 031.8
Vegetables	3 791.1	4 081.9	4 355.2	4 590.9	4 768.5
Melons	2 094.0	2 142.5	2 382.1	2 425.1	2 778.6
Agricultural enterprises					
Grain (including rice) and legumes	13 018.4	12 810.3	10 918.7	11 761.5	9 432.0
Sugar beet	74.1	65.5	80.2	55.0	59.4
Raw cotton	19.5	20.0	20.1	19.6	16.6
Potatoes	280.5	387.4	387.5	399.5	448.8
Sunflower	398.5	359.0	348.9	371.4	524.1
Vegetables	233.7	244.8	211.8	251.9	267.8
Melons	187.0	185.8	213.8	216.7	221.1
Peasant (private) farms					
Grain (including rice) and legumes	7 535.9	7 430.8	6 480.5	8 274.6	6 914.2
Sugar beet	389.1	439.0	405.3	411.3	272.8
Raw cotton	311.0	323.6	324.3	306.9	273.8
Potatoes	1 257.2	1 352.5	1 443.4	1 497.5	1 510.4
Sunflower	503.5	487.5	488.9	471.9	506.7
Vegetables	2 023.7	2 247.6	2 525.2	2 686.5	2 813.2
Melons	1 706.4	1 752.5	1 949.6	1 981.1	2 321.5

Continuation

	2017	2018	2019	2020	2021
Households' plots					
Grain (including rice) and legumes	30.8	32.6	29.4	29.2	29.7
Sugar beet	-	-	0.0	0.0	0.0
Raw cotton	-	-	-	-	-
Potatoes	2 013.4	2 067.0	2 081.2	2 109.7	2 072.5
Sunflower	0.8	1.3	1.0	1.0	0.9
Vegetables	1 533.7	1 589.5	1 618.2	1 652.6	1 687.5
Melons	200.6	204.2	218.7	227.3	236.1

7.10 Gross harvest and yields on harvested area of main agricultural crops

farms of all types

	2017	2018	2019	2020	2021
Gross harvest, thousand tons					
Grain (including rice) and legumes	20 585.1	20 273.7	17 428.6	20 063.3	16 375.9
Raw cotton	330.5	343.6	344.4	326.6	290.4
Sugar beet	463.2	504.5	485.5	466.3	332.2
Sunflower	902.9	847.7	838.7	844.3	1 031.8
Potatoes	3 551.1	3 807.0	3 912.1	4 006.8	4 031.6
Vegetables	3 791.1	4 081.9	4 355.2	4 590.9	2 430.1
Yields, centners per hectare					
Grain (including rice) and legumes	13.4	13.5	11.4	12.8	10.4
Raw cotton	24.4	25.9	26.2	25.9	26.4
Sugar beet	274.4	305.3	324.5	323.2	275.5
Sunflower	10.2	10.0	10.3	11.3	11.0
Potatoes	194.2	197.9	203.4	206.7	207.4
Vegetables	253.7	257.3	260.5	265.9	11.0

7.11 Gross harvest and yield capacity of grains (weight after processing)

farms of all types

	2017	2018	2019	2020	2021
Gross harvest, thousand tons					
Wheat	14 802.9	13 944.1	11 451.6	14 258.0	11 814.1
Rye	38.8	22.5	23.2	29.8	39.8
Maize for grain	784.7	862.1	896.0	958.1	1 129.5
Barley	3 305.2	3 971.3	3 830.1	3 659.3	2 366.8
Oats	284.6	336.1	267.0	240.2	182.3
Buckwheat	120.4	82.7	45.0	40.2	78.0
Millet	37.9	40.2	42.6	39.9	35.8
Rice	489.5	482.9	560.7	556.8	503.8
Vegetables	3 791.1	4 081.9	4 355.2	4 590.9	4 031.6
Yields, centners per hectare					
Wheat	12.4	12.3	10.1	11.8	9.3
Rye	12.5	10.5	11.0	12.5	9.1
Maize for grain	57.4	57.4	57.3	58.8	59.9
Barley	16.0	15.8	12.9	13.4	11.0

Continuation

	2017	2018	2019	2020	2021
Oats	13.3	14.3	11.0	10.5	9.0
Buckwheat	8.5	8.6	6.7	7.3	9.0
Millet	9.3	9.3	8.4	7.9	9.4
Rice	46.8	47.6	55.0	54.4	52.1
Vegetables	253.7	257.3	260.5	265.9	207.4

7.12 Gross harvest and yield capacity of forage crops

farms of all types

	2017	2018	2019	2020	2021
Gross harvest, thousand tons					
Corn for feed	1 089.7	1 185.1	1 250.2	1 523.8	1 552.2
Perennial grasses' hay	4 091.7	3 939.6	4 080.2	4 315.1	4 101.9
One-year grasses' hay	656.7	632.4	513.2	496.2	475.2
Yields, centners per hectare					
Corn for feed	128.5	121.2	130.0	138.9	138.1
Perennial grasses' hay	18.6	18.5	18.4	19.2	18.5
One-year grasses' hay	11.9	11.0	10.8	12.8	12.5

Cattle breeding

7.13 Production of main animal husbandry products by types of farms

	2017	2018	2019	2020	2021
Farms of all types					
Meat (slaughter weight), thousand tons	1 017.6	1 059.6	1 120.6	1 168.6	1 231.1
of which:					
beef and veal	450.4	477.4	501.2	521.8	540.2
mutton and goat meat	171.4	170.6	171.4	172.5	175.5
horses	117.5	126.5	132.0	142.9	151.2
pork	91.9	86.1	86.4	87.5	83.7
poultry meat	179.6	192.2	222.7	236.5	272.6
Milk, thousand tons	5 503.4	5 686.2	5 864.9	6 051.4	6 247.2
Eggs, million pieces	5 103.0	5 591.4	5 531.4	5 065.8	4 838.1
Wool (physical weight), thousand tons	39.0	39.2	39.5	40.2	41.2
Agricultural enterprises					
Meat (slaughter weight), thousand tons	252.8	271.6	315.1	339.5	383.8
of which:					
beef and veal	40.3	51.1	61.5	66.8	75.0
mutton and goat meat	3.9	3.0	3.7	3.7	3.8
horses	2.6	3.9	4.7	8.5	11.3
pork	32.5	27.5	28.4	29.7	26.9
poultry meat	173.2	185.9	216.6	230.5	266.6
Milk, thousand tons	361.4	384.6	414.0	466.8	512.6
Eggs, million pieces	3 850.9	4 345.0	4 258.2	3 778.2	3 544.1
Wool (physical weight), thousand tons	1.7	1.7	1.5	1.6	1.6

Continuation

	2017	2018	2019	2020	2021
Peasant (private) farms					
Meat (slaughter weight), thousand tons	191.5	204.8	215.1	225.9	234.9
of which:					
beef and veal	101.2	110.4	118.7	126.2	131.2
mutton and goat meat	46.2	46.3	46.7	47.2	49.7
horses	34.2	38.7	41.2	44.4	46.1
pork	8.2	7.6	6.6	6.0	5.6
poultry meat	0.2	0.2	0.3	0.3	0.3
Milk, thousand tons	1 038.1	1 120.4	1 182.7	1 245.4	1 306.8
Eggs, million pieces	22.8	26.6	27.9	29.6	30.9
Wool (physical weight), thousand tons	14.5	14.7	15.1	15.8	16.6
Households' plots					
Meat (slaughter weight), thousand tons	573.2	583.2	590.4	603.2	612.4
of which:					
beef and veal	309.0	316.0	321.0	328.8	334.1
mutton and goat meat	121.3	121.2	121.0	121.5	122.0
horses	80.6	83.9	86.1	90.1	93.8
pork	51.2	51.1	51.3	51.7	51.3
poultry meat	6.2	6.1	5.8	5.8	5.8
Milk, thousand tons	4 103.9	4 181.3	4 268.3	4 339.2	4 427.8
Eggs, million pieces	1 229.3	1 219.8	1 245.2	1 258.1	1 263.2
Wool (physical weight), thousand tons	22.7	22.8	22.8	22.9	23.0

7.14 Number of livestock and poultry

as of 1 January; thousand heads

	2016	2017	2018	2019	2021
Farms of all types					
Cattle	6 764.2	7 150.9	7 436.4	7 850.0	8 192.4
of which cows	3 362.4	3 576.5	3 769.8	4 008.3	4 235.7
Sheep and goats	18 329.0	18 699.1	19 155.7	20 057.6	20 876.8
Pigs	815.1	798.7	813.3	816.7	776.1
Horses	2 415.7	2 646.5	2 852.3	3 139.8	3 489.8
Camels	193.1	207.6	216.4	227.7	243.4
Poultry	39 913.5	44 337.9	45 041.4	43 335.0	47 884.7
Agricultural enterprises					
Cattle	662.9	712.8	717.9	753.8	771.7
of which cows	276.7	275.3	280.7	293.6	300.4
Sheep and goats	835.1	830.0	874.2	982.3	1 077.6
Pigs	221.1	214.3	241.0	255.1	259.4
Horses	146.8	163.4	181.1	196.3	230.6
Camels	13.6	14.2	15.2	16.8	17.0
Poultry	28 732.7	32 393.3	32 822.1	30 777.3	35 167.5
Peasant (private) farms					
Cattle	2 224.1	2 409.8	2 624.3	2 859.3	3 132.5
of which cows	1 206.7	1 312.0	1 444.5	1 598.4	1 757.2

Continuation

	2016	2017	2018	2019	2021
Sheep and goats	6 731.4	7 061.8	7 573.3	8 227.4	8 845.9
Pigs	110.5	93.2	78.1	72.3	81.7
Horses	1 054.0	1 186.5	1 321.2	1 500.8	1 719.2
Camels	77.3	82.8	87.4	95.0	104.6
Poultry	478.5	523.3	645.8	706.5	644.8
Housholds' plots					
Cattle	3 877.2	4 028.3	4 094.3	4 236.9	4 288.2
of which cows	1 879.0	1 989.2	2 044.6	2 116.2	2 178.1
Sheep and goats	10 762.5	10 807.3	10 708.2	10 847.9	10 953.3
Pigs	483.6	491.2	493.6	489.3	435.0
Horses	1 214.9	1 296.7	1 349.9	1 442.7	1 540.0
Camels	102.3	110.5	113.8	115.9	121.7
Poultry	10 702.3	11 421.3	11 573.5	11 851.2	12 072.4

7.15 Litter and murrain of livestock agricultural enterprises

	2017	2018	2019	2020	2021
Litter in terms of 100 dams, heads					
calfs	64	61	59	58	56
lambs and kids	73	75	88	87	61
piglets	1 833	1 637	1 687	1 780	1 779
Murrain of livestock, percent					
cattle	1.4	1.6	1.4	1.6	1.2
sheep and goats	2.7	2.4	2.2	2.7	2.3
pigs	3.6	4.8	5.3	4.7	5.4

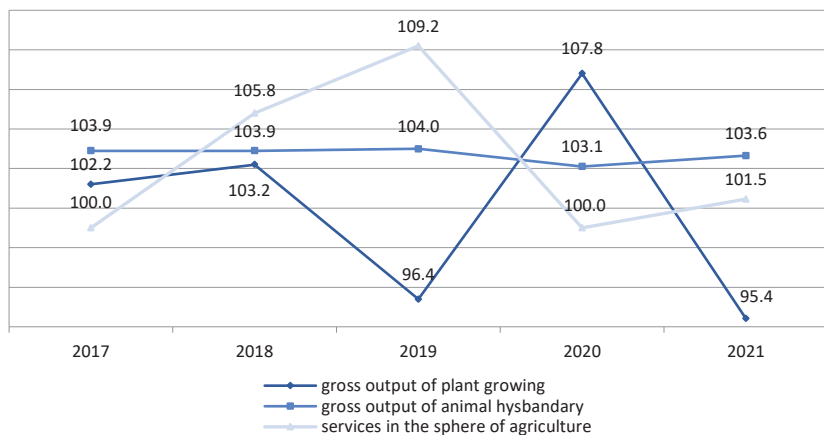
7.16 Productivity of livestock and poultry in farms of all types

kilograms

	2017	2018	2019	2020	
Average weight of one head of livestock sold for meat					
cattle	331	333	336	338	339
sheep and goats	40	40	40	40	40
pigs	106	106	105	104	104
poultry	2.3	2.2	2.1	2.2	2.2
Milk yield per cow	2 337	2 340	2 355	2 364	2 346
Average annual wool clip per sheep	2.5	2.4	2.4	2.2	2.4
Average annual egg-laying ability of laying hens, pieces	241	246	240	225	190

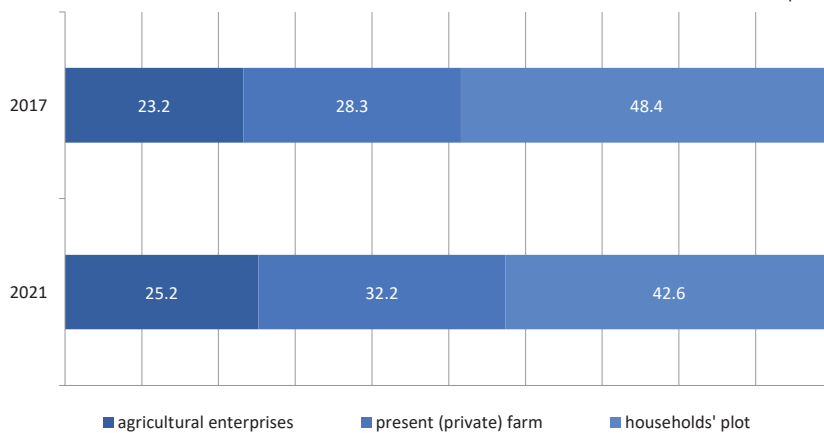
Volume indices of agricultural output

as percent of the previous year



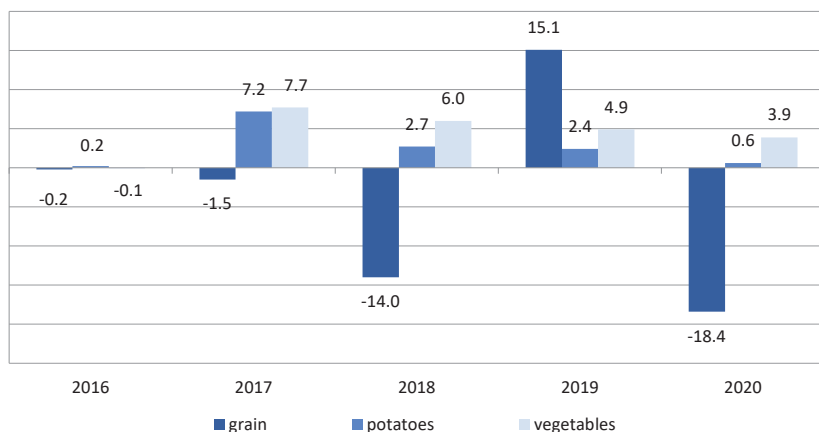
Structure of production of main agricultural products by types of farms

percent



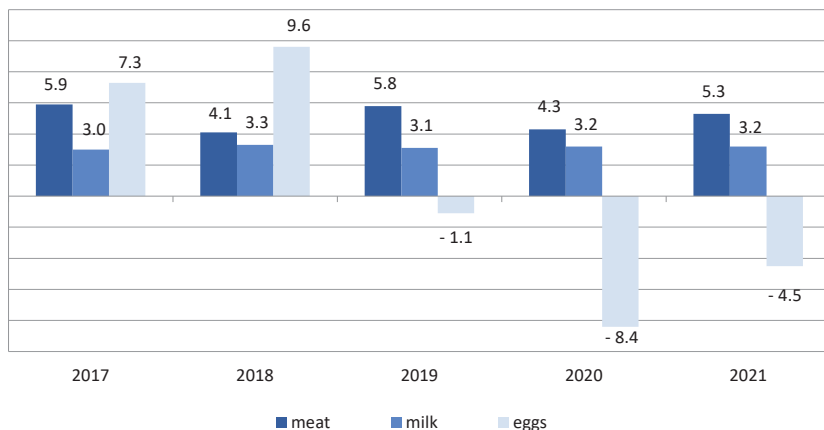
Changes of gross harvest indices of main plant-growing products in farms of all types

as percent to the previous year



Changes of production indices of main animal husbandry products in farms of all types

as percent to the previous year





Industrial production statistics

The section contains data characterizing the dynamics of the basic indicators of the industrial production by types of economic activity, manufacture of the major industrial products.

Industrial production includes such activities as «Mining industry and working out of open-cast mines», «Manufacturing», «Electricity, gas, steam and air conditioning supply», «Water supply; sewerage, waste management and remediation activities» in accordance with the General Classifier of Economic Activities (GCEA).

Manufacture of basic metals includes the manufacture of basic iron and steel and of ferro-alloys and basic precious and non-ferrous metals. Manufacture of basic iron and steel and of ferro-alloys reflects the manufacture of iron, steel and ferro-alloys, steel pipes and other steel products.

Manufacture of the mechanical engineering products consists of the manufacture of computer, electronic and optical products, electrical equipment, machinery, not included into the other categories, motor vehicles, manufacture of motor vehicles, trailers and semi-trailers, repair and installation of machinery and equipment.

Industrial enterprises include large, medium and small industrial enterprises and works as well as enterprises engaged in the industrial activities and which are on the balance of non-commercial organizations and agricultural units.

Products of industrial enterprises in terms of their value are costs of products for their sale. These products are intended for further processing (semi-products and products of auxiliary industries); works (services) of an industrial character.

The volume of the industrial production (goods and services) of the enterprise is identified by factory methods without the cost of intra-trade. Works (services) of an industrial character are included in the volume of the industrial production by its cost, including the cost of the own auxiliary materials expended by this.

The volume of the production in the industry as a whole and by its activities is defined as an amount of data on the volume of the production, goods and services of an industrial character, produced by legal entities and their separate subdivisions regardless of ownership. Data on the production volume are given in actual prices (excluding VAT and excise duties).

Summary data on the volume of the industrial production in general include volumes on the production (goods, services), manufactured by large, medium, small and auxiliary enterprises (industrial subdivisions of non-industrial enterprises), household sector. Adjustments to the volume of the production of the non-observed activities are also made.

Index of physical volume is a relative indicator characterizing the change in the volume of the industrial production for the comparative periods.

To define the index the method based on the dynamics of indicators of the industrial production in physical terms by the firmly fixed set of goods with further gradual aggregation of sectoral industrial indices is used.

Index of physical industrial volume is calculated as adjustments on non-financial sector on volumes of the household sector.

Industrial production in physical terms reflects the manufacture of certain types of products in physical terms. It is shown, as a rule, taking into account products spent on the industrial production needs within the enterprise, i.e. gross output. Indicators of the volume of the industrial production in physical terms are represented by all enterprises manufacturing, industrial production taking into account additional calculations of volumes on small and auxiliary enterprises as well as considering the activities of individuals engaged in entrepreneurship without forming a legal entity.

Utilization of the production capacities of industrial enterprises to manufacture certain types of products is a relative indicator characterizing the degree of utilizing the production capacity to manufacture certain types of products, in percent.

7.17 Main indicators of industry

	2017	2018	2019	2020	2021
Number of industrial enterprises and manufacturies	12 385	12 486	13 237	13 362	14 065
Volume index of industrial production, as % of previous year	107.3	104.4	104.1	99.5	103.6
Volume of industrial production, billion tenge	22 790.2	27 218.1	29 380.3	27 028.5	37 606.2

7.18 Volume of industrial production by types of economic activity

at current prices, million tenge

	2017	2018	2019	2020	2021
Total industry	22 790 209	27 218 063	29 380 342	27 028 506	37 606 243
Mining industry and working out of open-cast mines	11 568 785	14 877 068	15 978 061	11 785 557	17 976 976
mining of coal and lignite	292 079	342 996	357 768	335 981	395 505
extraction of crude petroleum	8 994 914	11 819 915	12 256 876	8 001 804	12 938 747
extraction of natural gas	207 819	240 320	396 713	272 848	242 815
mining of metall ores	1 188 391	1 474 218	1 908 282	2 256 236	3 370 042
mining of iron ores	244 024	291 173	415 898	476 793	976 927
mining of non-ferrous metal ores	944 368	1 183 045	1 492 384	1 779 443	2 393 115
other mining and quarrying	191 988	265 709	248 735	231 665	341 134
mining support service activities	693 593	733 909	809 687	687 023	688 733
Manufacturing	9 400 848	10 403 854	11 573 350	13 232 696	17 121 392
manufacture of food products	1 525 814	1 527 687	1 708 013	1 957 241	2 287 783
manufacture of beverage products	311 675	343 794	398 492	443 428	565 288
manufacture of tobacco products	106 247	123 620	112 491	211 590	237 126
manufacture of textile products	43 489	52 594	60 238	75 997	84 888
manufacture of clothes	46 015	36 568	43 964	53 627	54 440
manufacture of leather, products of leather	8 586	10 188	11 641	13 098	14 299
manufacture of wooden and pith products, except furniture; manufacture of products from straws and materials for weaving	21 355	23 741	24 590	26 283	29 667
manufacture of paper and paperboard	56 672	62 381	67 848	71 073	93 028
manufacture of coke and refined petroleum products	716 297	901 982	839 688	837 535	1 104 216
manufacture of refined petroleum products	703 277	880 587	806 952	813 643	1 062 901
manufacture of chemical industry	333 328	401 141	475 139	476 329	573 589
manufacture of basic pharmaceutical products and pharmaceutical preparations	72 439	78 526	92 442	141 861	202 195
manufacture of rubber and plastic goods	226 568	211 380	244 351	257 931	343 216
manufacture of other non-metallic mineral products	506 479	563 678	632 437	732 210	965 149
manufacture of basic metals	4 075 747	4 614 873	4 965 432	5 662 784	7 676 586
ferrous metallurgy	1 535 768	1 681 332	1 647 980	1 651 989	2 871 532
manufacture of basic precious and non-ferrous metals	2 531 768	2 921 929	3 303 072	3 995 125	4 787 567

Continuation

	2017	2018	2019	2020	2021
manufacture of fabricated metallic products excluded machinery and equipment	233 937	239 609	264 388	291 109	334 446
machine-building	998 176	1 089 800	1 472 284	1 823 922	2 386 182
manufacture of furniture	43 483	38 613	47 997	53 545	64 329
manufacture of other finished articles	17 307	29 493	41 173	48 334	44 587
Electricity, gas, steam and air conditioning supply	1 582 299	1 693 343	1 561 366	1 740 718	2 150 972
Manufacture, transfer and distribution of electric power	1 134 917	1 187 738	1 121 410	1 274 805	1 616 160
manufacture of gas; distribution of gaseous fuels through mains	192 198	213 378	174 598	185 551	232 031
steam and air conditioning supply	255 184	292 228	265 358	280 362	302 781
Water supply; sewer system, the control over gathering and distribution of waste	238 277	243 797	267 565	269 535	356 902
Collecting, treating and distribution of water	105 510	111 600	113 953	112 616	127 525
sewerage	34 993	36 320	36 841	38 155	44 126
Collecting, processing and waste disposal; waste recycling	92 969	92 779	113 389	117 318	183 751

7.19 Volume indices of production by types of economic activity

as percent of the previous year

	2017	2018	2019	2020	2021
Total industry	107.3	104.4	104.1	99.5	103.6
Mining industry and working out of open-cast mines	109.3	104.6	103.1	96.3	101.9
mining of coal and lignite	105.2	104.6	97.2	96.7	102.6
extraction of crude petroleum	110.5	104.8	100.2	94.6	100.3
extraction of natural gas	112.6	104.8	101.7	97.8	97.9
mining of metall ores	107.5	104.7	112.5	99.9	105.1
mining of iron ores	107.0	106.5	109.3	99.8	102.5
mining of non-ferrous metal ores	107.6	104.3	113.1	99.9	105.6
other mining and quarrying	110.6	102.7	105.5	103.1	95.3
mining support service activities	102.9	103.2	113.8	99.7	102.1
Manufacturing	105.6	104.5	105.8	104.1	104.7
manufacture of food products	105.1	100.9	103.0	103.2	101.9
manufacture of beverage products	109.3	103.2	109.9	103.3	118.3
manufacture of tobacco products	88.4	101.2	94.9	97.5	96.5
manufacture of textile products	112.1	108.2	101.2	104.6	94.5
manufacture of clothes	106.3	104.9	114.4	106.2	102.3
manufacture of leather, products of leather	109.1	107.2	98.4	129.4	107.4
manufacture of wooden and pith products, except furniture; manufacture of products from straws and materials for weaving	100.2	138.4	88.1	133.8	126.3
manufacture of paper and paperboard	107.1	106.1	105.4	117.4	106.1

	2017	2018	2019	2020	2021
manufacture of coke and refined petroleum products	103.7	109.1	105.7	98.2	106.2
manufacture of refined petroleum products	103.7	109.7	106.4	96.0	106.0
manufacture of chemical industry	109.3	108.7	102.0	100.2	105.3
manufacture of basic pharmaceutical products and pharmaceutical preparations	146.2	91.9	118.3	147.3	126.3
manufacture of rubber and plastic goods	100.1	108.3	104.6	104.8	130.3
manufacture of other non-metallic mineral products	105.7	103.1	102.3	102.2	109.8
manufacture of basic metals	106.3	102.4	105.5	102.8	98.8
ferrous metallurgy	106.2	98.3	102.5	103.2	102.2
manufacture of basic precious and non-ferrous metals	106.3	105.4	107.7	102.6	97.0
manufacture of fabricated metallic products excluded machinery and equipment	105.3	103.8	90.3	119.8	112.8
machine-building	109.2	114.4	124.1	116.4	122.2
manufacture of furniture	111.2	103.1	98.8	97.5	100.3
manufacture of other finished articles	99.2	312.2	160.7	72.3	92.3
Electricity, gas, steam and air conditioning supply	105.3	102.4	100.6	99.9	105.9
Manufacture, transfer and distribution of electric power	106.5	101.1	104.5	98.8	106.5
manufacture of gas; distribution of gaseous fuels through mains	102.4	105.4	86.3	106.3	105.9
steam and air conditioning supply	102.5	105.1	96.3	100.2	103.6
Water supply; sewerage, waste management and remediation activities	101.8	100.2	106.8	97.4	110.8
Collecting, treating and distribution of water	95.9	103.2	107.6	95.3	102.6
sewerage	100.1	95.5	100.6	100.3	105.4
Collecting, processing and waste disposal; waste recycling	108.1	98.6	107.6	98.7	117.3

7.20 Output of products in physical terms by types of economic activity

	2017	2018	2019	2020	2021
Mining					
Mining of coal and lignite					
coal, including coal concentrate, thousand tons	112 293.6	118 482.5	115 000.4	113 399.1	116 218.7
hard coal, other than coal concentrate, thousand tons	107 891.8	114 136.6	110 738.0	109 506.2	112 075.0
lignite (brown coal), thousand tons	6 094.5	6 560.7	5 928.9	5 422.1	4 828.7
crude petroleum, thousand tons	72 924.9	77 496.2	78 643.2	73 006.2	73 929.0
gas condensate, thousand tons	13 269.5	12 863.3	11 912.2	12 649.9	11 950.4
Extraction of natural (fuel) gas					
natural gas, million cub. m	52 921.1	55 453.5	56 681.3	55 378.6	54 179.1
Mining of iron ores					
iron ore, thousand tons	55 298.3	60 007.4	62 975.2	62 865.0	64 089.7
iron rolled briquettes, thousand tons	x	x	x	4 814.3	x

	2017	2018	2019	2020	2021
Mining of non-ferrous metal ores					
copper ore, thousand tons	95 009.3	105 219.2	123 107.0	120 138.6	123 554.1
zinc-lead ore, thousand tons	5 894.9	5 957.4	6 591.6	6 284.5	8 290.0
lead in a lead concentrate, thousand tons	111.2	86.5	55.7	30.2	29.9
copper in a copper concentrate, thousand tons	515.6	592.8	522.6	513.6	473.7
zinc in a zinc concentrate, thousand tons	315.9	304.4	244.7	222.4	194.1
aluminum ores (bauxites), thousand tons	4 846.1	x	4 118.4	4 057.8	x
manganese ore, thousand tons	1 460.0	1 427.3	1 142.3	813.5	1 248.7
chromite ore, thousand tons	6 313.3	6 688.8	7 018.9	6 326.4	6 192.0
chromite concentrates, thousand tons	4 599.0	4 965.0	5 133.1	4 129.3	3 969.7
Other mining and quarrying					
natural sands, thousand cub. m	14 172.1	11 415.8	15 472.8	15 559.6	13 584.3
granules, chippings and powder of stone; pebbles, gravel, broken or crushed stone, thousand cub. m	42 543.4	42 539.5	43 100.5	49 113.8	38 455.3
raw phosphate crushed, thousand tons	850.5	912.8	877.7	1 086.3	960.5
phosphate fine grinding, thousand tons	357.4	337.2	396.2	408.8	437.6
salt and net sodium chloride, tons	803 794	885 717	1 094 659	1 237 455	1 231 996
asbestos, thousand tons	x	x	210.7	227.4	250.1
Manufacturing					
Manufacture of food products					
meat and edible offal of bovine animals, swine, goats, horses, camel and meat of poultry, tons	248 043	263 529	303 767	295 421	339 009
sausages, tons	44 332	45 009	55 983	62 335	63 299
butter, tons	16 514	18 471	19 904	26 367	27 212
cheese and curds, tons	25 468	27 541	31 785	36 048	39 748
processed liquid milk and cream, tons	483 085	538 077	571 556	616 953	611 685
sugar, tons	372 035	279 291	249 925	147 519	255 937
ketchup and other tomato sauces, tons	9 997	10 885	11 055	12 581	13 421
groats, meal and pellets and other grain products, tons	70 554	82 544	89 055	78 907	83 498
ready forages for agricultural animals, tons	1 181 556	1 321 313	1 528 083	1 881 469	1 930 775
fresh bread, tons	711 729	707 902	562 814	539 021	516 888
chocolate, chocolate and sugar confectionery, tons	116 885	103 902	100 394	100 300	88 088
macaroni, noodles, cuscus and similar flour products, tons	159 609	158 533	168 825	179 284	159 073
vodka and drinking spirit of alcoholic strength 45,4%, thousand liters	29 579.3	30 717.6	18 824.4	21 938.4	31 877.6
Manufacture of beverages					
brandy (cognac), thousand liters	9 360.9	13 845.1	11 733.2	10 572.6	10 979.2
natural grape wine, thousand liters	10 591.6	12 292.0	10 145.4	10 885.5	5 801.0
"champagne" type wine, thousand liters	1 556.2	1 600.1	2 195.8	*	2 709.4
beer, thousand liters	564 337.9	638 726.0	664 202.8	692 468.7	722 714.8
mineral waters and aerated waters, not sweetened nor flavored, thousand liters	557 135.1	598 923.9	705 559.0	587 285.8	647 529.4
non-alcoholic beverages, thousand liters	1 389 572.6	1 329 049.5	1 600 028.8	1 683 220.5	2 171 779.3

	2017	2018	2019	2020	2021
Manufacture of tobacco products					
cigars, cheroots (cigars with the cut offends), cigarillos (thin cigars) and cigarettes, gaspers of tobacco or tobacco substitutes, million pieces	17 929.4	18 140.7	17 202.1	16 773.8	16 179.2
Textile and sewing industry					
cotton fibre carded or combed, tons	66 882	69 138	63 141	74 537	54 436
wool yarn carded or combed, not put up for retail sale, tons	-	-	4	-	54 436
cotton yarn of fibre carded or non-carded, not put up for retail sale, tons	4 142	x	x	3 948	3 611
fabrics, thousand m ²	55 873.2	60 906.2	71 463.0	132 103.0	129 238.0
fabrics from card wool, thousand km ²	23.1	0.5	-	-	-
cotton fabrics, except special fabrics thousand m ²	24 617.9	24 268.6	14 092.0	22 109.0	20 542.0
fabrics except special fabrics, from chemical fibres, thousand km ²	30 909.1	36 347.0	56 569.0	109 791.0	108 493.0
file cloth, terry-cloth and other special fabrics, thousand km ²	323.0	x	796.0	x	x
socks, knitted or crocheted, thousand pairs	9 915.9	12 047.8	16 688.5	12 212.0	12 632.4
jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted, thousand pieces	128.8	170.2	178.7	126.4	157.4
Manufacture of leather, product of leather and manufacture of footwear					
leather, of bovine or equine animals, sheep, goat and swine, without hair, thousand dm ²	88 115.1	144 989.3	102 348.0	84 352.4	124 128.3
footwear with uppers of leather, thousand pairs	769.5	855.9	919.4	1 072.6	1 020.7
Treatment of wood and manufacture of wood products					
wood, sawn or chipped length wise, sliced or peeled, > 6 mm thick; railway or tramway sleepers of wood, not impregnated, thousand m ³	1 234.4	1 265.6	219.7	287.2	216.1
windows, french windows and their frames, doors and their frames and thresholds, of wood, thousand m ²	4 989.4	5 399.9	560.0	1 572.4	924.8
parquet panels, shuttering for concrete constructional work, shingles and shakes, of wood, thousand m ²	0.9	1.8	-	10.0	-
Manufacture of paper and paper board; printing					
corrugated paper and paper board, perforated or non-perforated in rolls or sheets, tons	28 031	24 266	39 317	35 128	60 113
handkerchiefs, napkins and cosmetic towels of paper mass, paper, cotton cellulose or linen of cellulose fibers, kg	10 375 601	10 506 784	10 091 862	9 029 442	10 213 596
boxes, and bags of paper or of corrugated cardboard, tons	83 010	90 731	94 318	111 073	114 490
toilet paper, tons	22 685	28 307	36 145	36 882	34 922
Manufacture of coke, refined petroleum products and nuclear materials					
coke and semi-coke of coal, of lignite or of peat; retort carbon, thousand tons	2 954.1	2 839.2	2 604.8	2 387.8	2 439.9

	2017	2018	2019	2020	2021
refined petroleum products, thousand tons	12 974.3	13 400.1	14 037.6	12 620.1	13 849.9
motor spirit (including aviation gasoline), thousand tons	3 057.8	3 956.1	4 536.8	4 487.8	4 815.8
kerosene, including kerosene type jet fuel (refining temperature of 150-300 degrees centigrade), thousand tons	299.5	390.8	630.3	441.2	595.2
gas oils (diesel fuel), thousand tons	4 352.2	4 663.5	5 032.9	4 674.1	4 980.7
reduced fuel oil, thousand tons	3 364.5	2 948.4	2 875.3	2 254.7	2 623.4
Chemical industry					
phosphorus, tons	72 750	x	101 672	x	x
orthophosphoric acid (phosphoric) and polyphosphoric acids, thousand tons	24.1	x	35.9	x	x
chrome trioxide (chromium anhydride), tons	x	x	X	x	x
chrome tanning agent, tons	x	x	x	X	x
sodium bichromatum, tons	x	x	x	x	x
chromium monoxide, tons	x	x	x	X	x
nitrogenous fertilizers, mineral or chemical except fertilizers in pill, thousand tons	373.3	363.7	379.4	388.7	447.3
phosphatic fertilizers, mineral or chemical except fertilizers in pills, thousand tons	169.3	140.7	192.8	195.7	198.2
polymers of styrene, in primary forms, tons	4 471	4 404	2 071	1 876	1 366
Manufacture of rubber and plastic products					
tubes, pipes, sleeves and hoses, of vulcanized rubber other than hard rubber, tons	619	1 120	528	551	687
tubes, pipes, sleeves and hoses and fittings thereof, of plastics, tons	140 965	141 322	134 249	148 659	152 904
doors, windows, frames for doors and windows, thresholds for doors; shutters, blinds and similar articles and parts thereof of plastics, tons	27 183	37 339	34 422	37 316	41 727
Manufacture of other non-metallic mineral products					
tableware and kitchenware of porcelain or china, kg	200	-	x	9 580	-
ceramic tiles and flags, thousand m ²	1 792.9	1 664.6	2 001.2	1 794.7	1 955.0
ceramic non-refractory construction bricks other than goods of siliceous fossil meals or diatomite earths, thousand m ³	3 179.7	3 337.2	5 360.9	1 056.7	1 347.2
portland cement (except white), thousand tons	9 397.7	x	10 267.6	10 961.7	12 312.7
prefabricated buildings of concrete, tons	1 094 976	1 112 533	1 012 255	1 168 095	1 075 439
sheets, panels, tiles and similar articles from asbestos-cement, fibre cement of cellulose fibres, vegetable fibres, glass fibre and synthetic fibres, sq. m	4 521 943	x	5 782 703	5 211 152	5 366 482
articles roofing or facing of asphalt or of similar materials in rolls, thousand m ²	1 621.6	x	1 050.9	2 048.3	1 602.7

	2017	2018	2019	2020	2021
Manufacture of basic iron and steel and of ferro-alloys					
pig foundry iron or spiegeleisen in pigs, blocks or other primary forms; ferrous products obtained by direct reduction of iron ore; other spongy ferrous products, thousand tons	3 775.1	3 174.1	3 208.7	3 212.4	3 623.8
steel, thousand tons	3 411.9	2 744.3	45.7	49.4	48.0
oxygen-blown converters steel, thousand tons	x	-	-	-	-
electro steel, thousand tons	49.9	52.5	45.7	49.4	48.0
tin plate and flat-rolled tinned products, tons	x	x	60 264	58 874	56 150
ferro-alloys, tons	1 934 774	2 088 638	2 175 767	2 214 652	2 070 038
ferro-chrome, tons	1 640 300	x	1 858 130	1 841 309	1 704 561
manganese ferrosilicate, tons	123 977	137 710	123 464	122 743	132 119
chrome ferrosilicate, tons	x	x	x	x	x
ferro- silicon, tons	60 001	65 405	79 930	180 645	148 02
Manufacture of non-ferrous metals					
affined gold, kg	44 094	x	61 080	67 846	64 991
aluminium, unwrought; alumina, thousand tons	1 771.7	1 751.5	1 671.1	1 664.9	1 594.0
affined silver, kg	1 041 838	x	1 007 671	1 015 756	982 545
refined copper in intermediates, other than goods sintered, rolled, extruded, forged, tons	426 191	438 115	472 327	477 016	401 883
lead, unwrought, tons	149 129	152 767	132 669	128 014	118 787
zinc, unwrought, tons	331 018	317 965	318 399	311 322	300 886
Manufacture of fabricated metal products					
radiators for central heating, not electrically heated, of iron or steel, tons	1 221	694	1 648	1 204	954
boilers for central heating, units	4 188	6 774	10 518	22 761	25 596
Machine-building					
centrifugal pumps for swapping of liquids; other pumps; jacks of liquids, units	12 804	11 150	11 409	11 297	12 466
reaping-machines, units	401	x	512	1 078	1 258
machines for mining, units	184	383	62	39	21
oil and gas manufacturing equipment, million tenge	1 790.8	852.5	286.6	242.3	137.6
petroleum equipment, million tenge	14 260.1	17 126.9	17 303.7	16 710.2	21 050.8
washing machines and cloth drying machines, domestic, units	-	-	-	-	-
machines for wringing of laundry, units	-	-	-	-	-
power transformers, thousand kW	...	...	...	...	...
electric accumulators and their parts, equipment, million tenge	23 212.2	27 169.6	26 244.0	34 659.7	40 655.3
television receivers, units	102 529	x	120 671	x	x
Manufacture of motor vehicles, trailers and semi-trailers					
passenger car, units	16 789	30 016	44 079	65 051	80 679
transportation vehicles, 10 or more persons, units	650	417	1 086	1 765	1 091
lorries, units	1 639	1 237	4 227	8 249	10 665

Continuation

	2017	2018	2019	2020	2021
special vehicles and specialized, units	263	229	206	411	359
trailers and semi-trailers; containers, units	253	516	1 033	2 482	60
Other industries					
seats and parts thereof, thousand tenge	7 974 268	9 224 410	9 775 106	9 224 611	14 642 470
wooden furniture of a kind used in offices, pieces	259 368	254 648	304 195	351 520	312 590
kitchen furniture, pieces	207 611	165 211	108 409	96 274	93 726
children's bicycles, excluding twin wheel, thousand units	37.4	28.1	33.6	30.6	12.7
Electricity, gas, steam and air conditioning supply					
electric power, million kWh	103 128.0	107 268.8	106 483.2	108 628.4	115 079.2
thermal energy, thousand Gcal	88 665.4	94 711.0	90 070.0	91 241.5	95 844.3
Water supply; sewer system, the control over gathering and distribution of waste					
natural water, million m ³	2 758.8	2 799.0	3 029.6	3 046.4	3 031.8

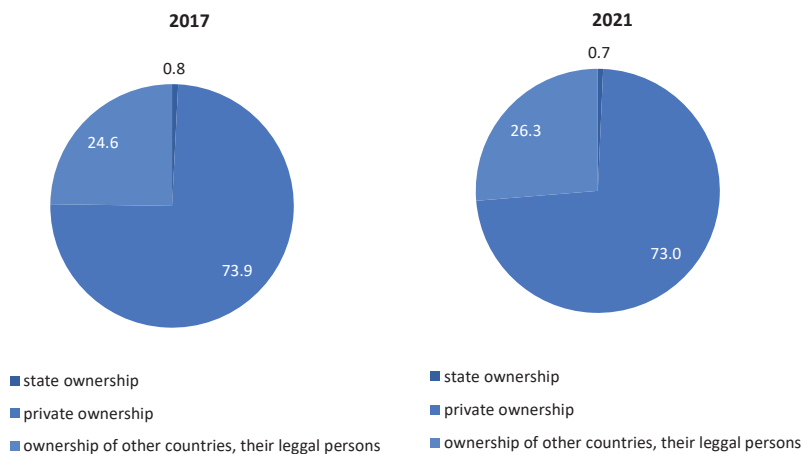
7.21 Use of production capacities of industrial enterprises for output of selected products

percent

	2017	2018	2019	2020	2021
Coal	83.6	79.9	82.1	81.0	81.9
Lignite	67.5	68.4	63.0	59.4	55.8
Crude petroleum	76.7	77.4	75.7	72.5	73.9
Natural gas in gaseous state	90.0	91.4	90.4	89.6	89.4
Aluminum ores (bauxites)	75.9	77.7	57.6	56.7	72.9
Processed liquid milk and cream	43.5	45.8	45.0	44.2	43.8
Wheat or mangcorn flour	37.5	35.8	29.1	33.1	29.8
Groats, meal and pellets and other cereal grain products	43.4	42.8	33.9	26.6	26.7
Sugar	76.6	63.5	56.2	36.3	44.3
Vodka	31.3	28.0	16.0	20.6	29.3
Cotton fabrics	57.3	69.2	95.0	89.0	82.7
Phosphorus	59.3	78.6	84.2	86.2	77.8
Cement	60.9	58.1	58.9	58.7	69.0
Prefabricated buildings of concrete	19.7	24.1	20.8	13.5	15.0
Refined petroleum products	65.2	65.0	70.1	65.1	70.4
Cast-iron	99.6	90.1	86.9	79.0	96.0
Ferro-chrome	93.8	96.6	94.1	93.3	86.4
Ferro-silicon	82.9	92.9	61.3	72.9	50.3
Manganese ferrosilicate	73.0	74.8	64.2	63.6	37.9
Refined copper in intermediates	78.8	72.3	82.6	83.5	70.1
Zinc unwrought	76.8	76.1	76.0	74.9	74.0
Lead unwrought	85.6	86.9	70.4	64.1	59.6
Other agricultural and forestry tractors	12.6	12.5	15.3	40.7	63.8
Electric transformers	38.9	47.1	87.8	87.4	49.0
Television receivers	22.6	26.4	24.2	75.1	1.7

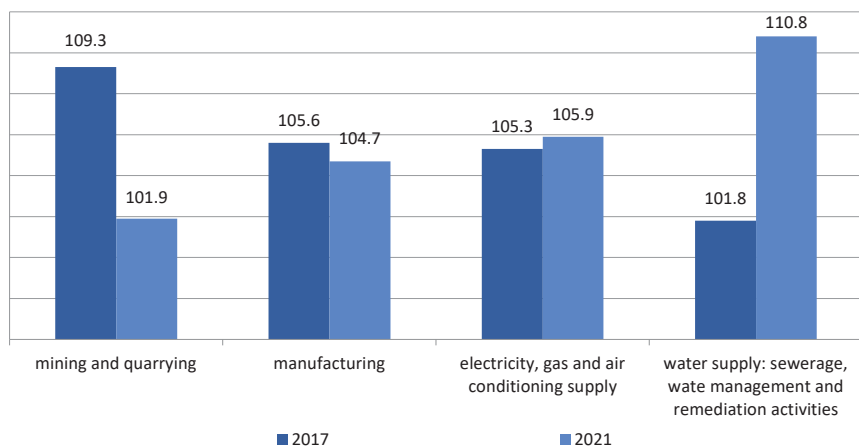
Structure of industrial production by types of ownership

as percent of total



Volume indices of industrial production by types of economic activity

as percent of the previous year





Statistics of environment

Water abstraction from natural sources is the removal of water from surface water bodies and aquifers for its consumption. This does not include water used for electric power generation, ship locking through, passage of fish and maintenance of navigable depth. Water consumption (use) means the use of water removed from different sources for communal and household needs. Consumption of recycled water and reuse of waste and sewage water is excluded.

Recycled and consequently used water refers to amounts of fresh water saved due to the application of recycled and consequent water supply systems, including the use of waste and sewage water. Recycling water use does not include its consumption in industrial and communal heating systems. The rate of recycled and consequently used water in the total amount of industrial water consumption is calculated as the ratio of recycled and consequently used water to the total volume of this water and water consumption for industrial needs (excluding agricultural needs).

Waste water discharge into surface water bodies includes amounts of pure water corresponding to standards, water purified according to standards and contaminated runoffs (industrial and municipal).

Pure waste water according to standards refers to runoffs that are discharged without

treatment and it does not deteriorate the quality standards in monitoring places of water supply. Waste water purified according to standards is defined as runoffs purified at treatment plants. Discharge of this water does not deteriorate the quality standards in monitoring places of water supply, i.e. the pollutants' content should correspond to the agreed maximum permissive discharge (MPD). Contaminated waste water represents the runoffs discharged into surface water bodies without treatment (or after insufficient treatment), with pollutants' content exceeding the agreed MPD.

Stationary source of air polluting emissions is defined as an immobile technological unit (device, apparatus, etc), that in the process of work emits contaminating substances in the air. Other sources (pit heaps, reservoirs, etc) are also classified here. Volume of pollutants captured (detoxified) includes all types of pollutants captured (detoxified) by dust-arresting (gas-cleaning) plants out of the total amount of pollutants emitted by stationary sources. Harmful substances emitted into the atmosphere by stationary sources include the total amount of all contaminants coming to the air basin both after treatment of dust-arresting (gas-cleaning) plants (as a result of insufficient capture and treatment) and without treatment (contaminates from organized and non-organized sources).

7.22 Main indicators characterizing the effect of economic activity on the environment and natural resource usage

million cub. m

	2017	2018	2019	2020	2021
Total water abstraction from natural water sources	25 279	25 039	25 104	24 585	24 517.8
of which from underground water sources	1 032	1 052	1 055	999	1 064
Water losses during transportation	2 993	3 719	3 295	3 769	3 670
Total water consumption (use)	21 721	20 511	20 955	20 307	19 999
of which for industrial purposes	5 235	5 351	5 600	5 685	5 753
of which water of drinking quality	762	741	792	800	868
Volume of recycled and repeatedly consequent usage water	8 934	9 540	9 690	9 789	9 891
as percent of total industrial consumption	41.1	46.5	38.2	48	49.4

Continuation

	2017	2018	2019	2020	2021
Dumping of sewage and other water on the surface water objects, million m ³	5 502	5 408	5 383	5 426	5 483
Volume of effluents treated to standard quality	197	309	319	316	333.9
Volume of raw water and insufficiently refined sewage water	50	-	0.1	0	0
Air polluting emissions from stationary sources, thousand tons	2 357.8	2 446.7	2 483.1	2 441.0	2 407.5
Pollutants captured and detoxified, thousand tons	28 206.7	32 372.3	33 767.8	33 004.8	31 886.0
as percent of total amount of pollutants produced	92.3	93.0	93.2	93.1	93.0
Use (utilization) of harmful substances captured by cleansing installations, thousand tons	4 899.6	8 000.7	9 484.0	8 186.8	7 998.2
as percent of total amount of captured pollutant	17.4	24.7	28.1	24.8	25.1
Generation of hazardous waste, thousand tons	126 875	149 962	180 506	137 828	42 090
used and cleared	191 081	30 445	36 950	31 011	4 924

7.23 Fresh water consumption

million cub. m

	2017	2018	2019	2020	2021
Total	21 721	20 511	20 955	20 307	19 999
of which for:					
irrigation, supplying with water and agricultural water supply	13 222	12 760	13 178	12 361	11 742
industrial purposes	5 235	5 351	5 600	5 685	5 753
household and drinking purposes	762	741	792	800	868

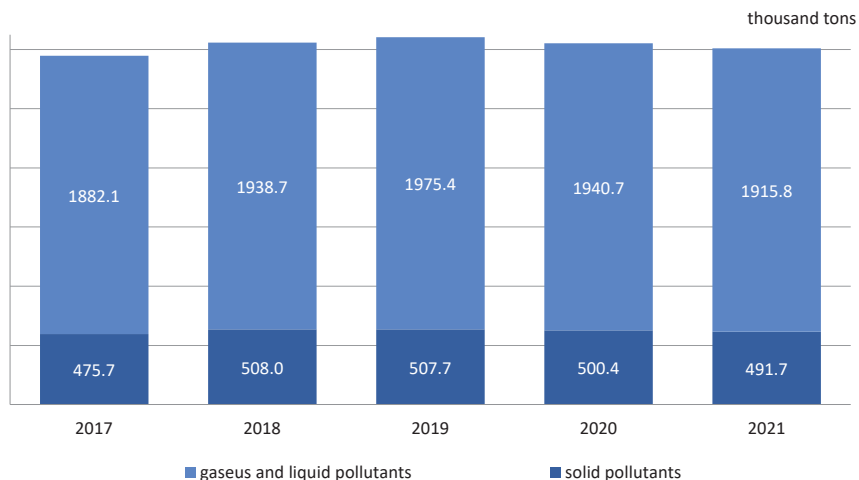
7.24 Emission and capture of pollutants produced by stationary industrial sources of air pollution

	2017	2018	2019	2020	2021
Air polluting emissions, thousand tons	2 357.8	2 446.7	2 483.1	2 441.0	2 407.5
Pollutants captured and detoxified, thousand tons	28 206.7	32 372.3	33 767.8	33 004.8	31 886.0
as percent of total amount of pollutants produced	92.3	93.0	93.2	93.1	93.0

7.25 Use (utilization) of harmful substances captured by cleansing installations

	2017	2018	2019	2020	2021
Total, thousand tons	4 899.6	8 000.7	9 484.0	8 186.8	7 998.2
as % of total amount of captured pollutants	17.4	24.7	28.1	24.8	25.1

Dynamics of formation, utilization and detoxification of toxic wastes



Construction statistics

The construction organization comprises all ordinary construction and special organizations, including repair-construction organizations set in operation or making adjustment works in the organization. The main economic activity of the construction organizations consists in carrying out contract works related to the «construction» branch in accordance with the «General classifier of all economic activities».

The volume of the contract works is a cost of the works for the construction of new fixed assets and also for the extension, reconstruction and technical modernization of acting fixed assets, capital repair and other contract works (start-and-adjustment, hydraulic fill, over-burden, crop and technical works and others).

7.26 Main indicators of the performance of construction organizations

million tenge

	2017	2018	2019	2020	2021
Volume of construction works	3 509 296	3 862 995	4 431 666	4 934 069	5 530 681
among which:					
construction and assembly works	3 046 494	3 323 650	3 772 840	4 062 896	4 797 456
capital repair	262 077	275 705	336 693	411 131	361 241
current repair	200 725	263 640	322 133	460 042	371 984
Number of construction organizations	7 463	7 654	7 810	8 317	8 188

7.27 Dwellings put into operation

thousand square metres of total space

	2017	2018	2019	2020	2021
Dwellings put into operation – total	11 168	12 521	13 126	15 332	16 910
of which:					
in urban settlements	8 752	9 641	9 924	11 838	13 195
in rural areas	2 416	2 880	3 202	3 494	3 715
financing by the means of:					
state enterprises and organizations	1 595	1 614	1 687	2 429	2 036
in urban settlements	1 455	1 478	1 544	2 237	1 833
in rural areas	140	136	143	192	203
non-state enterprises and organizations	9 573	10 907	11 236	12 903	14 874
in urban settlements	7 297	8 163	8 193	9 601	11 361
in rural areas	2 276	2 744	3 043	3 302	3 513
from the total space of the dwellings put into operation:					
individual investors	4 322	5 876	6 500	6 404	7 066
of which:					
in urban settlements	2 132	3 254	3 612	3 273	3 796
in rural areas	2 190	2 622	2 888	3 131	3 270

7.28 Number of apartments put into operation

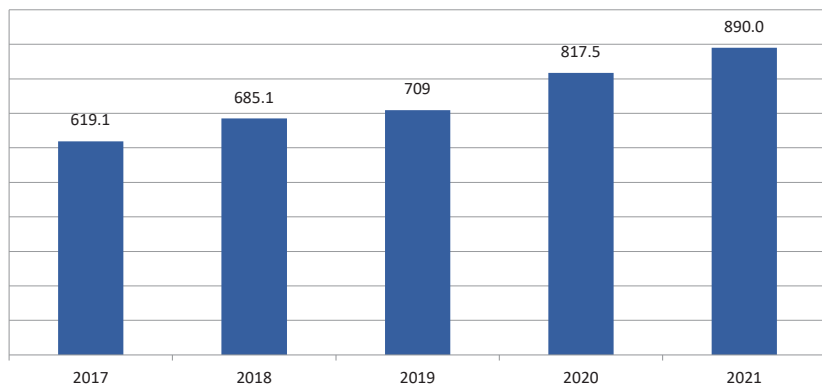
	2017	2018	2019	2020	2021
Total, thousand	100.8	113.5	115.3	139.1	149.5
of which:					
by state enterprises and organizations	18.7	19.6	22.3	30.9	25.3
by non-state enterprises and organizations	82.1	93.9	91.2	107.2	124.2
including:					
by individual investors	27.9	38.9	43.0	39.7	40.8
Total average space of apartments, square metre of total space	90.4	92.4	98.0	91.7	93.9

7.29 Educational and healthcare facilities commissioned

	2017	2018	2019	2020	2021
Secondary schools, pupils places	52 291	51 619	33 358	35 728	41 290
Pre-school institutions, places	7 739	12 812	8 431	4 947	4 950
Hospitals, beds	2 212	1 000	605	838	2 625
Out-patient and dispensary institutions, visits per shift	2 955	1 960	4 445	1 317	935

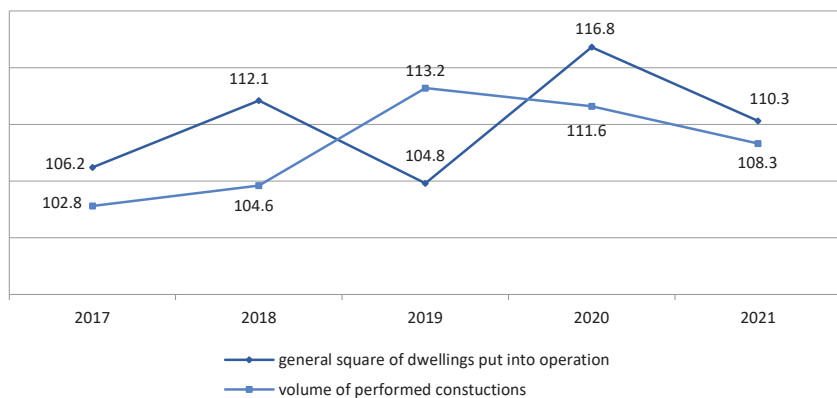
Dwellings put into operation for 1000 persons of population

square metres of total space



Physical volume indices of construction works

as percent of the previous year





Statistics of services

The section presents statistical data characterizing the volumes of services rendered. The volume of rendered services is the cost of services

provided in the amount of funds received from enterprises, institutions, public as payment for services rendered.

7.30 Volume of services enterprises and individual entrepreneurs by type of them*

million tenge

	2017	2018	2019	2020	2021
Real estate activities	933 180.7	964 300.3	1 129 016.6	994 565.7	1 221 252.9
Rental services	437 552.8	520 657.9	590 378.6	621 995.0	435 257.1
Computer programming, consulting and similar services	183 895.2	209 057.1	277 732.6	356 546.7	515 051.1
Research and development	118 575.0	118 083.1	130 434.5	108 291.3	107 837.8
Public administration and defense obligatory social security	1 814 341.0	1 948 244.8	2 316 089.2	2 564 828.8	2 612 487.4
Services in the field of buildings and ground servicing	161 722.4	166 761.6	186 411.5	239 383.4	276 519.0
Recreational, cultural and sporting activities	180 856.7	176 390.6	223 454.2	188 501.5	421 380.3
Other individual service activities	322 570.2	257 653.7	304 429.8	250 742.2	282 792.0

* Excluding the unobserved economy.



Statistics of tourism

Tourism is a journey of individuals, which lasts from 24 hours to 1 year or less than 24 hours, but with an overnight stay for purposes not re-

lated to the remunerated activity in the country (place) of temporary stay.

7.31 The number of visitors of inbound and outbound tourism*

persons

	2017	2018	2019	2020	2021
The number of visitors on the inbound tourism	7 701 196	8 789 314	8 514 989	2 034 753	1 330 169
The number of visitors on the outbound tourism	10 260 813	10 646 241	10 707 270	2 865 004	3 501 387

* Data of the Border Guard of the Committee for National Security of the Republic of Kazakhstan.

7.32 Number of visitors outbound and inbound tourism in 2021*

persons

	Number of foreign citizens arrived to Kazakhstan	Number of Kazakhstan's citizens departed abroad
Total	1 330 169	3 501 387
of which:		
CIS countries	1 130 105	2 570 807
Azerbaijan	19 957	2 545
Armenia	2 464	2 142

	Number of foreign citizens arrived to Kazakhstan	Number of Kazakhstan's citizens departed abroad
Belarus	74 046	23 387
Kyrgyzstan	207 313	464 600
Moldova	1 038	19
Russian Federation	433 028	1 413 992
Tajikistan	24 571	3 488
Turkmenistan	1 490	4 813
Uzbekistan	336 571	636 772
Ukraine	29 627	19 049
Other non-CIS countries	200 064	930 580
Australia	464	-
Austria	589	45
Algeria	-	-
Argentina	58	-
Afganistan	1 128	133
Bangladesh	52	-
Belgium	761	116
Bulgaria	551	11
Bolivia	12	-
Bosnia and Herzegovina	113	-
Brazil	383	-
Vatican	5	1
Great Britain	6 208	1 698
Hungary	803	2 307
Venezuela	76	4
Vietnam	72	218
Ghana	31	-
Guatemala	8	1
Germany	19 527	25 921
Greece	566	79
Georgia	12 334	68 699
Denmark	261	4
Egypt	500	178 656
Zimbabwe	81	-
Israel	1 408	95
India	8 538	2 024
Indonesia	3 212	1
Jordan	702	10
Iraq	124	-
Iran	6 447	484
Ireland	483	2
Iceland	69	1
Spain	1 418	112
Italy	2 179	88
YAR	44	19
Cambodia	26	2
Cameroon	10	-
Canada	1 150	-

	Number of foreign citizens arrived to Kazakhstan	Number of Kazakhstan's citizens departed abroad
Qatar	178	811
Kenya	101	9
Cyprus	231	32
Korea (KPDR)	3	-
China	11 118	68 935
Colombia	163	-
Cuba	30	-
Kuwait	142	1 635
Laos	-	6
Latvia	667	15
Livan	-	-
Libya	130	36
Lithuania	37	16
Luxemburg	1 154	2
Madagascar	39	-
Macedonia	1	-
Malaysia	25	49
Malta	474	8
Morocco	78	2
Mexico	85	-
Mongolia	85	1
Nepal	1 449	177
Niger	52	1
Nigeria	20	7
Netherlands	139	-
New Zealand	1 539	989
Norway	61	-
UAE	174	-
Oman	3 201	196 515
Pakistan	41	-
Palestinian Authority	1 110	8
Panama	40	-
Peru	16	-
Poland	61	-
Portugal	2 292	3 650
Reunion	1 100	2
Christmas Izland	8	27
Rwanda	13	1
Romania	334	1
Saudi Arabia	359	807
Saint Lusia	10	-
Singapore	73	1
Syria	162	-
Slovakia	521	31
Slovenia	124	2
Sudan	50	-
Surinam	1	-

Continuation

	Number of foreign citizens arrived to Kazakhstan	Number of Kazakhstan's citizens departed abroad
USA	6 953	25
Taiwan	58	3
Thailand	155	5 548
Tunisia	159	51
Turkey	80 771	320 891
Uganda	36	16
Philippines	252	-
Finland	415	104
France	2 657	50
Croatia	244	37
Czech Republic	723	18
Chili	59	-
Switzerland	604	183
Sweden	496	-
Sri Lanka	88	5 752
Estonia	237	-
Ethiopia	35	-
SAR	824	5
South Korea	3 744	7 586
Jamaica	1	3
Japan	423	261
Others	2 950	35 536

* Data of the Border Guard of the Committee for National Security of the Republic of Kazakhstan.

7.33 Indicators of the activity of the accommodation sites

	2017	2018	2019	2020	2021
Number of accommodation establishment, units	2 987	3 322	3 592	3 154	3 686
Number of tourists accommodated, persons	5 279 406	5 526 864	6 266 563	3 581 340	5 474 971
of which:					
residents	4 387 495	4 695 942	5 286 782	3 328 614	5 145 217
foreign residents	891 911	830 922	979 781	252 726	329 754
Number of rooms, units	65 791	71 858	75 913	77 131	79 820
Total capacity (bed-places)	152 601	168 603	181 201	183 619	193 030
Bed-nights of accommodation	9 544 646	9 602 762	10 520 133	5 679 651	8 981 131
Fillability rate, in %	25.0	23.2	23.7	17.3	22.0
Volume of services rendered by accommodation establishments, million tenge	108 359.8	103 948.3	120 527.2	66 860.3	109 027.3
of which:					
provision of services by hotels	96 615.9	89 706.4	103 530.1	59 012.0	94 736.0
provision of accommodation for weekend and other short-stay accommodation	11 231.8	13 569.1	15 915.0	6 889.2	12 596.8
tourist camps, recreation and entertainment parks	37.9	62.1	103.6	56.9	144.7
other types of accommodation establishments	474.2	610.7	978.5	902.2	1 549.8

* Name of the service is provided in accordance with the Classification of Economic Activities (NACE).



Statistics of transport

Transport of the Republic of Kazakhstan is the registered on its territory rail, road, sea, inland water, air, urban electric transport, including the subway, as well as main pipeline transport.

The volume of cargo transportation is the quantity of goods in tonnes carried by transport. The volume of the transported goods is taken into account by means of transportation, communications, types of goods.

Freight turnover is the volume of transport by shipping, expressed in tonne-kilometers. Freight turnover is defined as the total weight of each batch (sending) of cargo over a distance of its carriage.

Number of the transported passengers is a number of passengers transported for a certain period of time. Number of the transported passengers is taken into account by types of transport, communications. The unit of observation in the statistics of passengers' transportation is a passenger-trip.

Transport's passenger turnover is the volume of work of transport by transportation of passengers. The unit of passenger turnover's measurement is passenger-kilometer, i.e. transportation of passengers for the distance of 1 km. It is defined as adding up the number of passengers by each carriage position by the distance of transportation; it is calculated separately for each mode of transport, transportation communication, other features.

Type of communication is a sign representing the character of participation of transport network subdivision in transportation. Transportations are divided into international to the CIS-countries, international to the far abroad, intercity within the Republic, suburban and urban.

Length of communications' network is the total length in kilometers of plots of transportation ways. Length of communications' network is defined for the reporting date by summing the lengths of the individual plots making up the network.

7.34 Transportation facilities

number of units at the end of the year

	2017	2018	2019	2020	2021
Railway transport					
Locomotives	1 732	1 714	1 722	1 733	1 846
diesel	1 183	1 168	1 173	1 184.5	1 228
electric	549	546	x	x	618
Freight railroad cars	130 421	134 706	138 513	138 501	139 073
Passenger railroad cars	2 661	2 597	2 490	2 684	2 577
Luggage railroad cars	28	28	28	24	22
River transport					
Self-propelled cargo vessels	9	9	9	12	9
dry-cargo	9	9	9	11	8
tank	-	-	-	x X	
Barges	66	56	56	62	58
dry-cargo	58	50	47	48	43
tanker	8	6	9	14	15
tug boats, pushers	75	68	68	74	61
Passenger and cargo/passenger vessels	21	27	22	20	22
Motor road transport:					
Trucks ¹⁾	440 612	404 848	461 780	479 641	506 555
Buses ¹⁾	90 430	89 291	86 613	83 581	82 189
Passenger cars ¹⁾	3 851 583 ²⁾	3 847 981 ²⁾	3 776 893 ²⁾	3 870 318	3 798 071

Continuation

	2017	2018	2019	2020	2021
City electric:					
Trams	x	x	147	137	136
Trolley buses	x	x	x	x	215

¹⁾ According to the data of the Ministry of Internal Affairs of the Republic of Kazakhstan. For 2015-2019 presents data only registered motorcars.

²⁾ Based on diplomatic and numbers without specifying the region.

7.35 Freight transportation and freight turnover by modes of transport

	2017	2018	2019	2020	2021
Million tons					
Freights were transported	3 946.1	4 103.8	4 222.7	3 944.8	4 013.7
of which:					
railway	387.2	397.9	397.0	402.3	410.3
motor road	3 322.3	x	3 550.5	3 287.1	3 320.4
inland water	1.6	1.2	1.3	0.9	0.8
sea	0.02	0.04	0.03	0.02	0.03
air	232.8	281.4	273.0	253.7	281.4
pipeline	2.1	x	0.8	x	x
Billion tons/km					
Freight turnover	564.0	609.5	597.6	584.0	607.7
of which:					
railway	266.6	283.3	286.7	299.2	297.4
motor road	166.1	185.2	173.5	160.0	157.9
inland water	0.03	0.04	0.01	0.02	0.05
sea	0.05	0.06	0.08	0.06	0.08
air	129.5	x	136.7	124.2	151.7
pipeline	1.6	x	0.7	x	x

7.36 Selected freights shipped by general purpose railroad transport

million tons

	2017	2018	2019	2020	2021
Total freights	241.4	254.0	x	x	x
of which:					
coal	102.5	104.4	x	x	x
coke	0.6	0.7	x	x	x
oil freights	14.0	14.0	x	x	x
iron and manganese ore	23.0	25.0	x	x	x
ferrous metals	6.7	6.5	x	x	x
chemical and mineral fertilizers	3.3	3.4	x	x	x
building freights:	26.5	28.9	x	x	x
of which cement	7.3	8.1	x	x	x
timber freights	0.7	1.0	x	x	x
grain products	8.5	11.1	x	x	x

7.37 Passenger transportation and passenger turnover by modes of transport

	2017	2018	2019	2020	2021
Million persons					
All modes of transport	22 744.7	23 013.0	23 835.8	8 396.4	7 597.7
of which:					
railway	22.9	23.1	22.4	13.2	16.1
automobile	22 643.6	22 911.5	23 719.2	8 234.0	7 572.0
inland water	0.06	x	0.04	0.04	0.09
air	7.4	7.6	8.6	5.5	9.4
tram	31.2	27.5	31.3	24.7	27.9
trolleybus	x	x	x	21.5	27.7
subway	x	x	x	x	x
other types (cableways, etc.)	0.2	1.0	1.3	0.5	x
marine	-	x	0.06	0.04	0.08
Million passenger/kms					
All modes of transport	273 193	281 484	295 517	108 711	107 759
of which:					
railway	18 222	18 562	17 721	9 163	12 750
automobile	240 074	247 474	260 380	90 730	80 157.2
inland water	0.7	x	0.7	0.5	1.4
air	14 384	14 990	16 886	8 525	14 849.8
tram	135	117	135	101	118.3
trolleybus	x	x	x	102	131.1
subway	x	x	x	x	x
other types (cableways, etc.)	114.1	58.2	52.9	17.5	x
marine	-	x	0.4	0.2	0.6

7.38 Passengers carried by transportation modes

million persons

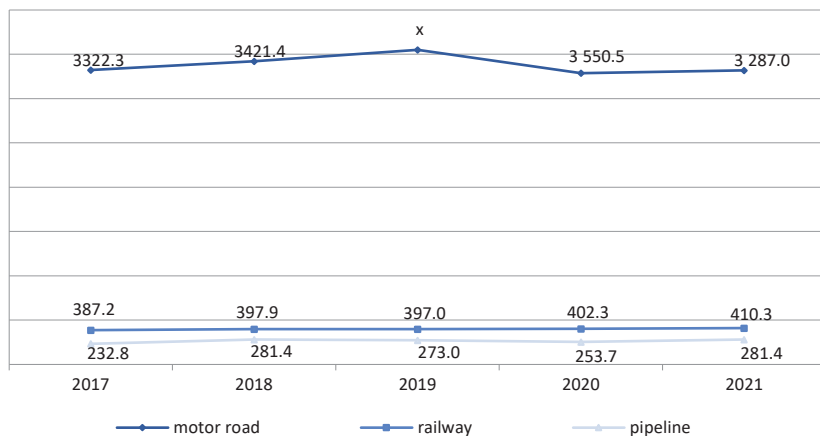
	2017	2018	2019	2020	2021
Intercity transportation					
bus*	19.1	20.6	20.4	12.6	14.7
railway	16.3	16.5	16.8	9.3	13.7
air	4.6	4.3	5.4	4.6	7.6
taxi*	0.5	0.2	0.06	0.04	0.1
International transportation					
bus*	1.1	1.1	4.1	3.4	0.06
railway	x	x	x	x	-
air	2.8	3.2	3.3	0.9	1.8
taxi*	x	x	x	x	x
Suburban transportation					
bus*	66.0	70.6	70.0	47.1	65.9
railway	3.8	x	4.0	3.5	2.4
inland water	0.02	x	0.02	0.01	0.02
taxi*	x	x	0.1	0.03	0.2
Inside city transportation					
bus*	1 253.5	1 229.6	1 182.6	737.2	943.9
taxi*	5.2	3.5	2.5	1.3	2.4

	2017	2018	2019	2020	2021
trolley-bus	x	x	x	21.5	27.7
tram	31.2	27.5	31.3	24.7	27.9
inland water	0.04	x	x	0.02	0.07
sea	-	x	0.06	0.04	0.08

* Excluding volume of passenger transportation carried out by entrepreneurs (natural persons) involved in commercial transportation.

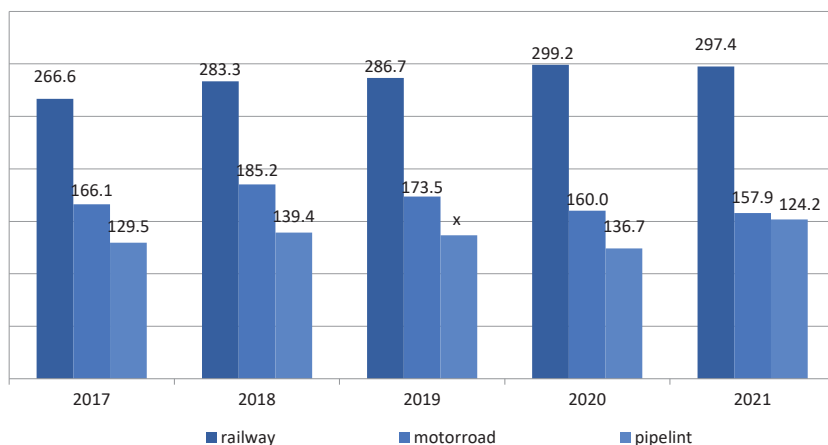
Freights shipped by modes of transport

million tons



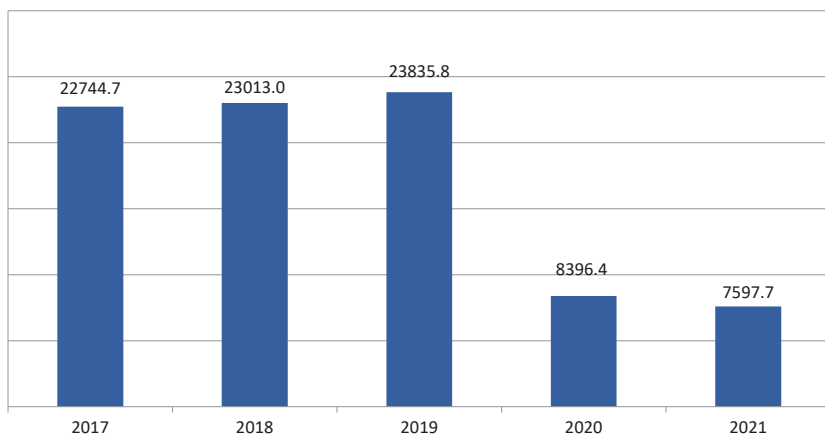
Freight turnover

billion tons/kms



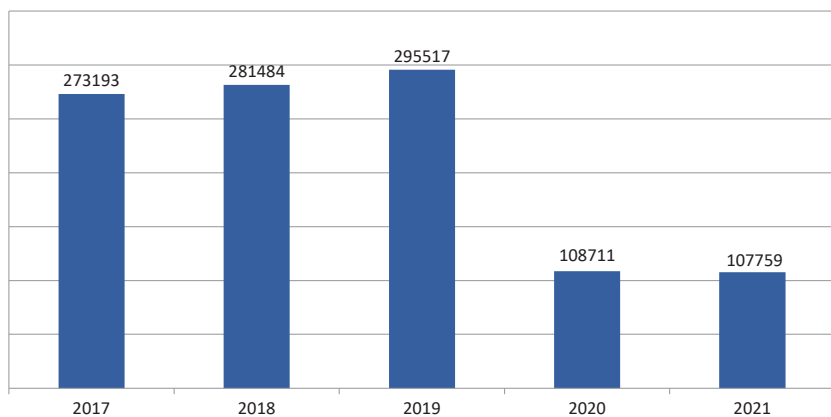
Passengers carried

million persons



Passenger turnover

million passenger/kms





Statistics of communications

Communication includes receipt, collection, processing, accumulation, transfer (transportation), delivery, dissemination of information, postal and special dispatches.

7.39 Main indicators of general purpose communications

	2017	2018	2019	2020	2021
Revenues from main communication activity (at current prices). million tenge	33 688.3	37 034.3	42 938.0	50 028.2	61 700.4
of which:	11 109.4	9 961.3	10 734.4	11 243.8	14 038.7
revenues from communication services rendered to population					
Dispatched, million units:	164.3	135.6	118.7	108.6	101.0
letters	44.6	43.4	49.1	45.3	41.6
newspapers and magazines	7.1	6.6	8.9	10.2	18.1
parcels	1.7	1.4	1.1	1.1	1.2
telegrams	752 332.0	782 459.1	854 566.4	926 626.1	1 041 324.9
Number of trunk calls, million units	423 555.9	434 346.4	459 601.9	495 753.8	564 051.6
of which:	734.3	612.5	502.6	529.1	491.2
number of international trunkcalls	79.0	251.9	215.3	135.4	142.0
Number of telephone units in the general purpose network – total, thousand units	3 686.6	3 206.1	3 072.5	3 091.0	2 980.6
of which:					
urban telephone network	2 738.7	2 320.2	2 236.8	2 270.1	2 180.1
rural telephone network	947.9	885.9	835.7	820.9	800.5
Of total number of telephone units population, thousand units	2 839.9	2 595.5	2 455.7	2 421.4	2 329.5
Number of subscribers of mobile communication, thousand units	26 693.3	26 065.6	25 717.7	24 293.9	24 471.0

8

Trade



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8. Trade



Domestic trade statistics

The section covers statistics characterizing the volume of retail and wholesale trade turnover, services.

The retail trade turnover includes sales of goods through all retail trade outlets and which is measured as the volume of sales of goods to the households by officially registered trade and public catering enterprises at food, non-food, specialized, universal markets, by individual proprietors.

The volume of sales of goods at markets and by sole proprietors is measured being based on sampling surveys of natural persons.

The wholesale turnover is a turnover of commodity sales into the sphere of commodity circulation, i.e. for further sales.

Volume of services includes the revenues of producers of services received in payment for services, rendered to enterprises and population.

8.1 Volume of retail and wholesale trade turnover

billion tenge

	2017	2018	2019	2020	2021
Total volume of retail trade turnover	8 892.9	10 045.8	11 327.6	11 729.9	13 709.3
of which:					
food goods	2 690.9	3 035.8	3 562.4	4 102.1	4 878
non-food goods	6 202.0	7 010.0	7 765.1	7 627.8	8 830.8
Total retail trade turnover by channels of sales:					
trade enterprises	4 556.3	5 440.8	6 627.9	7 085.6	8 291.4
markets and sole proprietors	4 336.6	4 605.0	4 699.7	4 644.3	5 417.9
Share of trading on the markets and by sole proprietors in retail trade turnover, as %	48.8	45.8	41.8	39.6	39.5
Total volume of retail trade turnover per capita, tenge	493 017	549 657	611 849	625 408	721 506
of which:					
food goods	149 178	166 102	192 422	218 715	256 748
non-food goods	343 839	383 555	419 427	406 694	464 758
Wholesale trade turnover	19 485.1	23 836.7	27 011.9	27 656.5	31 097.9

8.2 Volume indices of retail trade turnover

as percent of the previous year

	2017	2018	2019	2020	2021
Total retail trade turnover	102.7	105.7	105.9	96.8	107.8
of which:					
food goods	111.9	106.6	108.5	104.5	107.0
non-food goods	99.2	105.2	104.8	93.0	108.0

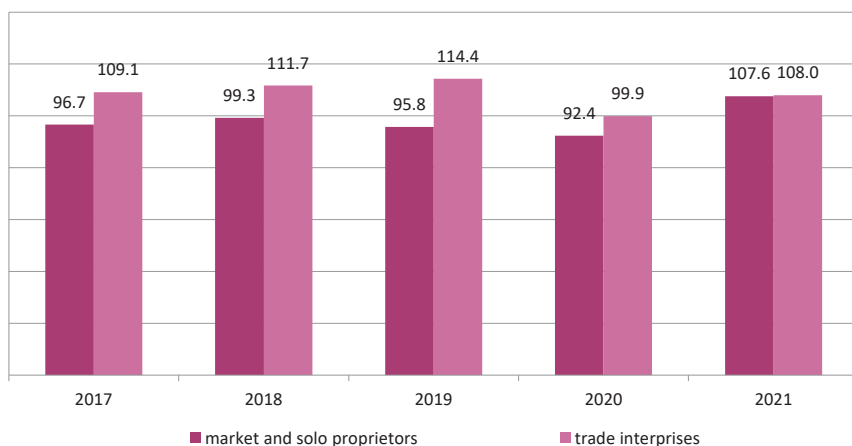
8.3 Total volume of retail trade turnover by selected commodity groups

billion tenge

	2017	2018	2019	2020	2021
All goods	8 892.9	10 045.8	11 327.6	11 729.9	13 709.3
Food goods	2 690.9	3 035.8	3 562.4	4 102.1	4 878
of which:					
meat and meat products, of which meat of poultry	412.0	478.4	585.1	624.7	731.9
fish crustaceans and mollusks	75.6	80.8	117.0	171.0	185.2
animal butter, vegetable oil and fats	92.2	124.0	121.9	184.4	153.8
bread and bakery confectionery products	171.1	175.4	208.6	243.9	239.6
fruit and vegetables	262.0	377.2	389.8	360.1	427.1
alcoholic beverages	270.6	300.1	340.9	442.1	373.7
tobacco products	80.4	86.5	98.6	132.8	175.7
Non-food goods	6 202.0	7 010.0	7 765.1	7 627.8	8 830.8
of which:					
wearing apparel	777.0	963.7	977.4	891.1	1 027.5
textiles	75.3	66.7	57.0	60.8	58.8
foot wear	237.0	280.9	263.1	190.1	187.9
other household appliances, cutlery, crockery, glassware, china and pottery	97.9	74.	72.5	112.2	130.9
electric appliances	353.2	399.0	444.6	496.7	506.7
audio, video apparatus	72.4	103.7	174.7	109.8	137.3

Volume indices of retail trade turnover by channels of sales

percent





Statistics of foreign and mutual trade

External merchandise trade statistics in this publication covers data excluding non-organized trade. The data are based on those from freight custom declarations for 2003-2005 and recalculated in consideration of the date of crossing the border (in earlier publications – in consideration of the date of receiving freight customs declarations).

Main indicators, which are taken into account in the external trade statistics, are the following:

External trade turnover is the sum of values of exports and imports for a certain period.

Exports of goods are an exportation of goods from the country for sales on the external market as well as re-export of foreign goods.

Imports of goods are an importation from abroad of foreign goods intended for the use inside the country and for re-export.

The customs statistics of our Republic registers importation and exportation of goods on the basis of the «common» system of registration of external trade.

Volume of exports includes exports of national goods, exports of goods after processing, re-export of the imported goods, exports from free customs zones and free warehouses, exports of goods from tax-free shops, and also goods exported for a lease for one year or more.

Main components of imports are imports of goods intended for the use inside the country, imports of goods used for processing, re-imported goods, imports of goods being in free customs zones and in free warehouses;

imports of goods sent to a tax-free zone; goods imported for a lease for one year or more.

The following transactions are not taken into account by customs statistics: transactions with monetary gold, securities, banknotes and coins being in circulation; transit of foreign goods through the territory of the country; re-export of goods without their delivery to the country; goods imported and exported temporarily; goods intended for an official use of diplomatic and consular representative offices of foreign states; goods intended for the support of combat readiness and daily activity of the domestic military units dislocated outside the state; goods which are not commercial.

The geographic allocation of the external trade flow is made under the following sketch:

- exports of goods – by the country of destination (use) of goods;
- imports of goods – by the country of departure of goods, since 1998 – by the country of origin of goods.

Valuation of export goods is made on a FOB or DAF basis (the term of sales of goods under which the transaction value of goods, costs of delivery and loading of goods on the board of a ship or delivery to the border of the exporting country are included in the value of goods); CIF or CIP-type valuation (the term of sales of goods, according to which the value of goods includes the transaction value, costs of insurance and delivery of goods to the border of the exporting country) is used for the import of goods.

8.4 Exports of the Republic of Kazakhstan by main trade partners

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Total	48 503.3	100.0	61 111.2	100.0	58 065.6	100.0
CIS countries	8 298.9	17.1	9 568.3	15.7	10 109.5	17.4
EurAsEc countries	5 262.5	10.8	6 046.7	9.9	6 406.2	11.0
Armenia	5.6	0.0	4.9	0.0	4.4	0.0
Belarus	101.2	0.2	105.1	0.2	106.8	0.2
Kyrgyzstan	516.7	1.1	656.9	1.1	624.1	1.1

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Russian Federation	4 639.0	9.6	5 279.9	8.6	5 670.9	9.8
Non - EurAsEc countries	3 036.3	6.3	3 521.6	5.8	3 703.2	6.4
Azerbaijan	105.9	0.2	175.1	0.3	152.9	0.3
Moldova	29.0	0.1	35.7	0.1	28.9	0.1
Tadzhikistan	458.6	0.9	524.0	0.9	653.1	1.1
Turkmenistan	55.4	0.1	86.7	0.1	116.1	0.2
Uzbekistan	1 249.2	2.6	1 639.7	2.7	1 996.6	3.4
Ukraine	1 138.1	2.3	1 060.5	1.7	755.6	1.3
Other countries of the world	40 204.4	82.9	51 542.9	84.3	47 956.1	82.6
Europe	27 388.8	56.5	33 943.4	55.5	27 545.2	47.4
EU countries	24 276.4	50.1	31 023.6	50.8	24 834.7	42.8
Austria	3.4	0.0	5.8	0.0	3.5	0.0
Belgium	158.1	0.3	300.9	0.5	206.1	0.4
Bulgaria	204.0	0.4	183.4	0.3	285.1	0.5
Hungary	39.2	0.1	26.2	0.0	10.3	0.0
Germany	418.0	0.9	462.8	0.8	297.3	0.5
Greece	964.0	2.0	1 213.5	2.0	1 360.6	2.3
Spain	1 444.3	3.0	1 862.1	3.0	2 176.0	3.7
Italy	8 667.3	17.9	11 734.3	19.2	8 377.4	14.4
Netherlands	4 747.9	9.8	6 186.1	10.1	4 398.3	7.6
Poland	574.4	1.2	891.2	1.5	462.6	0.8
Portugal	595.6	1.2	380.8	0.6	245.1	0.4
Romania	925.6	1.9	1 497.8	2.5	1 731.9	3.0
Great Britain	926.7	1.9	784.9	1.3	649.4	1.1
France	2 860.7	5.9	3 839.2	6.3	3 648.7	6.3
Other countries	1 747.2	3.6	1 654.5	2.7	982.4	1.8
Non - EU countries	3 112.4	6.4	2 919.8	4.8	2 710.4	4.7
Albania	2.1	0.0	0.0	0.0	1.8	0.0
Norway	6.6	0.0	15.2	0.0	8.4	0.0
Сербия	0.5	0.0	3.6	0.0	2.9	0.0
Other countries	3 103.2	6.4	2 900.9	4.7	2 697.3	4.6
Asia	11 999.0	24.7	16 044.1	26.3	18 855.4	32.5
Afghanistan	562.5	1.2	517.6	0.8	399.0	0.7
Vietnam	277.7	0.6	179.0	0.3	124.9	0.2
Georgia	38.7	0.1	52.2	0.1	26.6	0.0
Israel	130.7	0.3	397.9	0.7	466.5	0.8
India	733.3	1.5	953.4	1.6	1 572.8	2.7
Indonesia	4.3	0.0	10.3	0.0	93.9	0.2
Iran	484.0	1.0	429.4	0.7	295.9	0.5
China	5 798.0	12.0	6 307.5	10.3	8 003.9	13.8
Malaysia	13.2	0.0	351.7	0.6	542.1	0.9
Mongolia	72.5	0.1	73.2	0.1	58.3	0.1
UAE	558.8	1.2	412.7	0.7	449.2	0.8
Pakistan	5.5	0.0	2.3	0.0	1.9	0.0

Continuation

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Republic of Korea	1 128.2	2.3	2 975.9	4.9	3 080.2	5.3
Saudi Arabia	15.8	0.0	8.1	0.0	3.1	0.0
Singapore	86.5	0.2	482.6	0.8	246.1	0.4
Thailand	1.2	0.0	0.2	0.0	0.1	0.0
Taiwan (Province of China)	2.6	0.0	6.2	0.0	4.1	0.0
Turkey	1 150.6	2.4	1 238.6	2.0	2 420.5	4.2
Philippines	19.0	0.0	103.8	0.2	0.0	0.0
Japan	886.5	1.8	1 503.0	2.5	880.3	1.5
Other countries	29.6	0.1	38.8	0.1	186.0	0.4
America	643.8	1.3	1 169.9	1.9	1 289.1	2.2
Virgin Islands (Brit.)	0.2	0.0		0.0	46.8	0.1
Canada	217.1	0.4	149.3	0.2	278.7	0.5
Columbia	0.1	0.0	0.2	0.0	0.2	0.0
Panama	0.1	0.0	0.1	0.0	0.0	0.0
USA	390.4	0.8	955.2	1.6	894.8	1.5
Ecuador	0.1	0.0	1.7	0.0	0.0	0.0
Other countries	35.8	0.1	63.4	0.1	68.6	0.1
Africa	168.6	0.3	379.1	0.6	257.4	0.4
Algeria	82.1	0.2	146.7	0.2	92.4	0.2
Egypt	11.6	0.0	16.7	0.0	13.5	0.0
Libya	0.0	0.0	0.0	0.0	0.1	0.0
Morocco	51.4	0.1	133.1	0.2	70.4	0.1
Tunisia	10.0	0.0	39.9	0.1	33.6	0.1
Other countries	13.6	0.0	42.7	0.1	47.4	0.0
Australia and oceania	4.2	0.0	6.2	0.0	9.1	0.0
Australia	4.1	0.0	6.2	0.0	9.1	0.0
Other countries	0.1	0.0	0.0	0.0	0.0	0.0

Continuation

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
Total	47 540.8	100	60 321.0	100.0
CIS countries	9 151.3	19.3	12 493.5	20.7
EurAsEc countries	5 671.9	11.9	7 814.1	12.9
Armenia	6.4	0.0	10.3	0.02
Belarus	77.3	0.2	110.3	0.1
Kyrgyzstan	581.0	1.2	674.8	1.1
Russian Federation	5 007.1	10.5	7 018.7	11.6
Non - EurAsEc countries	3 479.4	7.3	4 679.4	7.7
Azerbaijan	84.1	0.2	287.9	0.4
Moldova	63.0	0.1	27.7	0.05
Tadzhikistan	693.3	1.5	800.3	1.3
Turkmenistan	76.6	0.2	211.4	0.3
Uzbekistan	2 137.7	4.5	2 776.9	4.6
Ukraine	424.7	0.9	575.2	0.9

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
Other countries of the world	38 389.5	80.8	47 827.5	79.2
Europe	19 919.1	41.9	25 227.9	41.8
EU countries	18 341.4	38.6	24 109.3	39.9
Austria	3.2	0.0	3.3	0.01
Belgium	217.6	0.5	262.8	0.4
Bulgaria	207.5	0.4	354.5	0.5
Hungary	9.4	0.0	15.4	0.03
Germany	247.6	0.5	398.5	0.6
Greece	1 401.5	2.9	1 321.6	2.2
Spain	1 215.2	2.6	1 633.9	2.7
Italy	6 644.4	14.0	8 889.1	14.7
Netherlands	3 149.0	6.6	4 384.2	7.2
Poland	366.6	0.8	386.6	0.6
Portugal	0.0	0.0	0.0	0.0
Romania	1 263.7	2.7	1 521.1	2.5
Great Britain	688.0	1.4	855.1	1.4
France	1 858.5	3.9	2 394.7	3.9
Other countries	1 069.2	2.2	1 688.5	3.2
Non-EU countries	1 577.8	3.3	1 118.6	1.8
Albania	1.5	0.0	5.4	0.0
Norway	4.1	0.0	6.6	0.0
Сербия	1.8	0.0	3.7	0.0
Other countries	1 570.4	3.3	1 102.9	1.8
Asia	17 426.6	36.7	20 861.5	34.6
Afghanistan	620.7	1.3	469.4	0.8
Vietnam	57.3	0.1	81.0	0.1
Georgia	84.0	0.2	28.1	0.0
Israel	327.0	0.7	223.7	0.4
India	1 991.6	4.2	1 625.7	2.7
Indonesia	50.2	0.1	135.4	0.2
Iran	128.5	0.3	275.3	0.5
China	9 420.6	19.8	9 772.5	16.2
Malaysia	56.7	0.1	1.2	0.0
Mongolia	27.4	0.1	54.7	0.0
UAE	378.7	0.8	633.9	1.0
Pakistan	16.1	0.0	65.9	0.1
Republic of Korea	1 003.9	2.1	1 877.2	3.1
Saudi Arabia	1.4	0.0	5.5	0.0
Singapore	76.9	0.2	1 116.3	1.8
Thailand	0.7	0.0	17.6	0.0
Taiwan (Province of China)	14.2	0.0	38.0	0.0
Turkey	2 131.5	4.5	2 964.7	4.9
Philippines	4.3	0.0	4.4	0.0
Japan	664.7	1.4	557.3	0.9
Other countries	370.2	0.8	913.7	1.9

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
America	868.1	1.8	1 413.8	2.3
Virgin Islands (Brit.)	0.0	0.0	0.0	0.0
Canada	258.5	0.5	409.8	0.7
Columbia	1.7	0.0	0.3	0.0
Panama	0.0	0.0	0.0	0.0
USA	536.1	1.1	872.2	1.4
Ecuador	0.0	0.0	0.2	0.0
Other countries	71.8	0.2	131.3	0.2
Africa	163.1	0.3	315.2	0.5
Algeria	63.2	0.1	109.0	0.2
Egypt	5.5	0.0	7.0	0.0
Libya	0.0	0.0	0.1	0.0
Morocco	55.6	0.1	117.4	0.2
Tunisia	16.5	0.0	27.4	0.0
Other countries	22.3	0.0	54.3	0.1
Australia and oceania	12.7	0.0	9.2	0.0
Australia	12.7	0.0	9.2	0.0
Other countries	0.0	0.0	0.0	0.0

8.5 Imports of the Republic of Kazakhstan by main trade partners

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Total	29 599.6	100.0	33 658.5	100.0	39 709.3	100.0
CIS countries	14 132.0	47.7	16 033.9	47.6	17 264.8	43.5
EurAsEc countries	12 518.2	42.3	14 097.4	41.9	15 297.4	38.5
Armenia	5.0	0.0	9.0	0.0	7.1	0.0
Belarus	531.7	1.8	607.3	1.8	662.6	1.7
Kyrgyzstan	248.4	0.8	243.6	0.7	315.7	0.8
Russian Federation	11 733.0	39.6	13 237.5	39.3	14 312.1	36.0
Non - EurAsEc countries	1 613.8	5.5	1 936.5	5.8	1 967.4	5.0
Azerbaijan	33.8	0.1	46.2	0.1	20.4	0.1
Moldova	14.4	0.0	17.2	0.1	9.2	0.0
Tadzhikistan	323.1	1.1	317.9	0.9	109.7	0.3
Turkmenistan	44.2	0.1	11.4	0.0	29.8	0.1
Uzbekistan	736.2	2.5	1 155.3	3.4	1 418.6	3.6
Ukraine	462.2	1.6	388.4	1.2	379.6	1.0
Other countries of the world	15 467.6	52.3	17 624.6	52.4	22 444.5	56.5
Europe	5 975.9	20.2	6 902.8	20.5	6 938.4	17.5
EU countries	5 739.4	19.4	6 645.4	19.7	6 693.4	16.9
Austria	153.3	0.5	172.2	0.5	178.3	0.5
Belgium	128.5	0.4	153.9	0.5	141.1	0.4
Bulgaria	37.3	0.1	29.7	0.1	48.8	0.1
Great Britain	359.1	1.2	113.0	0.3	91.6	0.2
Hungary	117.3	0.4	1 640.0	4.9	1 495.2	3.8

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Germany	1 485.1	5.0	19.5	0.1	18.3	0.1
Greece	16.6	0.1	77.5	0.2	45.5	0.1
Denmark	92.6	0.3	118.3	0.4	114.3	0.3
Ireland	119.4	0.4	179.1	0.5	192.9	0.5
Spain	254.3	0.9	1 485.5	4.4	1 579.7	4.0
Italy	945.9	3.2	25.8	0.1	37.0	0.1
Latvia	23.8	0.1	66.4	0.2	94.9	0.2
Lithuania	166.6	0.6	307.8	0.9	237.3	0.6
Netherlands	282.0	1.0	283.6	0.8	341.1	0.9
Poland	327.6	1.1	177.4	0.5	96.5	0.2
Romania	66.8	0.2	53.4	0.2	41.4	0.1
Slovakia	38.5	0.1	459.1	1.4	472.2	1.2
Finland	132.0	0.4	146.3	0.4	170.7	0.4
France	535.3	1.8	657.5	2.0	700.5	1.8
Czech Republic	190.1	0.6	211.9	0.6	307.2	0.8
Sweden	123.5	0.4	142.8	0.4	148.8	0.4
Estonia	20.5	0.1	22.2	0.1	11.8	0.0
Other countries	123.4	0.4	102.5	0.3	128.3	0.3
Non - EU countries	236.5	0.8	257.4	0.8	245.1	0.6
Switzerland	136.8	0.5	176.5	0.5	135.7	0.3
Other countries	99.7	0.3	80.9	0.2	109.4	0.3
Asia	7 572.0	25.6	8 828.1	26.2	13 251.6	33.4
Georgia	25.9	0.1	33.0	0.1	43.8	0.1
Israel	47.7	0.2	63.2	0.2	47.7	0.1
India	212.5	0.7	242.9	0.7	292.6	0.7
Iran	68.1	0.2	89.7	0.3	81.5	0.2
China	4 695.0	15.9	5 384.2	16.0	6 788.6	17.1
Malaysia	110.2	0.4	126.1	0.4	102.8	0.3
Mongolia	2.3	0.0	2.8	0.0	1.7	0.0
UAE	84.3	0.3	71.5	0.2	88.7	0.2
Republic of Korea	567.3	1.9	921.2	2.7	3 465.3	8.7
Singapore	37.3	0.1	39.8	0.1	44.5	0.1
Turkey	729.6	2.5	655.3	1.9	817.1	2.1
Japan	413.9	1.4	502.0	1.5	596.5	1.5
Other countries	577.8	2.0	696.2	2.1	880.8	2.2
America	1 708.5	5.8	1 656.1	4.9	1 950.7	4.9
Brasil	111.5	0.4	102.1	0.3	255.9	0.6
Canada	154.2	0.5	108.8	0.3	198.5	0.5
Cuba	23.9	0.1	12.4	0.0	0.3	0.0
USA	1 245.1	4.2	1 268.2	3.8	1 351.3	3.4
Other countries	173.7	0.6	164.6	0.5	144.7	0.4
Africa	185.1	0.6	204.0	0.6	234.5	0.59
Australia and oceania	26.1	0.1	33.7	0.1	69.4	0.17
Australia	23.2	0.1	30.2	0.1	65.4	0.16
Other countries	3.0	0.0	3.5	0.0	4.0	0.0

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
Total	38 929.1	100.0	41 415.4	100.0
CIS countries	16 049.0	41.2	20 744.4	50.1
EurAsEc countries	14 708.5	37.8	18 772.5	45.3
Armenia	7.8	0.0	10.5	0.0
Belarus	664.9	1.7	780.7	1.9
Kyrgyzstan	267.6	0.7	375.8	0.9
Russian Federation	13 768.2	35.4	17 605.5	42.5
Non - EurAsEc countries	1 340.5	3.4	1 971.9	4.8
Azerbaijan	25.0	0.1	44.4	0.1
Moldova	12.8	0.0	13.2	0.0
Tadzhikistan	98.1	0.3	363.5	0.9
Turkmenistan	51.4	0.1	42.9	0.1
Uzbekistan	793.0	2.0	1 057.0	2.6
Ukraine	360.1	0.9	450.9	1.1
Other countries of the world	22 880.1	58.8	20 671.0	49.9
Europe	6 819.8	17.5	6 291.9	15.2
EU countries	6 522.2	16.8	5 964.0	14.4
Austria	159.1	0.4	159.8	0.4
Belgium	104.4	0.3	155.5	0.4
Bulgaria	38.6	0.1	35.9	0.1
Great Britain	103.2	0.3	123.3	0.3
Hungary	1 832.3	4.7	1 814.8	4.4
Germany	20.8	0.1	24.8	0.1
Greece	169.7	0.4	99.3	0.2
Denmark	113.5	0.3	139.4	0.3
Ireland	190.7	0.5	195.0	0.5
Spain	937.2	2.4	786.3	1.9
Italy	28.7	0.1	24.3	0.1
Latvia	121.3	0.3	97.6	0.2
Lithuania	240.8	0.6	227.6	0.5
Netherlands	310.4	0.8	371.3	0.9
Poland	73.8	0.2	48.4	0.1
Romania	67.7	0.2	82.8	0.2
Slovakia	358.9	0.9	308.9	0.7
Finland	126.4	0.3	145.5	0.4
France	954.1	2.5	664.8	1.6
Czech Republic	284.3	0.7	165.5	0.4
Sweden	158.4	0.4	172.4	0.4
Estonia	11.2	0.0	14.2	0.0
Other countries	116.7	0.3	106.6	0.3
Non-EU countries	297.6	0.8	328.0	0.8
Switzerland	190.0	0.5	218.2	0.5
Other countries	107.6	0.3	109.8	0.3
Asia	14 280.5	36.7	12 263.2	29.6
Georgia	37.2	0.1	59.9	0.1
Israel	49.6	0.1	40.7	0.1
India	383.7	1.0	377.8	0.9

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
Iran	109.6	0.3	165.6	0.4
China	6 378.0	16.4	8 228.5	19.9
Malaysia	129.7	0.3	102.2	0.2
Mongolia	1.9	0.0	2.4	0.0
UAE	95.7	0.2	75.1	0.2
Republic of Korea	4 907.5	12.6	766.1	1.8
Singapore	35.4	0.1	46.9	0.1
Turkey	950.9	2.4	1 146.4	2.8
Japan	552.0	1.4	559.9	1.4
Other countries	649.3	1.7	691.7	1.7
America	1 478.4	3.8	1 853.3	4.5
Brasil	39.0	0.1	96.7	0.2
Canada	111.2	0.3	85.8	0.2
Cuba	0.2	0.0	0.5	0.0
USA	1 163.8	3.0	1 351.0	3.3
Other countries	164.2	0.4	319.3	0.8
Africa	253.7	0.7	224.3	0.5
Australia and oceania	47.8	0.1	38.3	0.1
Australia	43.1	0.1	33.9	0.1
Other countries	162.8	0.4	152.1	0.3

8.6 Exports of the Republic of Kazakhstan by commodity nomenclature

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Total	48 503.3	100.0	61 111.2	100.0	58 065.6	100.00
CIS countries	8 298.9	100.0	9 568.3	15.7	10 109.5	17.4
other countries of the world	40 204.4	100.0	51 542.9	84.3	47 956.1	82.6
of which:						
Live animals and products of animal origin	125.8	0.3	201.0	0.3	293.4	0.5
CIS countries	61.1	0.7	117.9	1.2	209.5	0.4
other countries of the world	64.6	0.2	83.1	0.2	83.8	0.1
Products of vegetable origin	1 787.0	3.7	2 330.6	3.8	2 391.0	4.1
CIS countries	839.4	10.1	1 068.5	11.2	1 234.9	2.1
other countries of the world	947.6	2.4	1 262.1	2.4	1 156.0	2.0
Fats and oils of animal or vegetable origin and their cleavage products; prepared edible fats; waxes of animal or vegetable origin	118.5	0.2	140.0	0.2	173.1	0.3
CIS countries	66.8	0.8	78.4	0.8	68.2	0.1
other countries of the world	51.6	0.1	61.6	0.1	104.9	0.2
Prepared foodstuffs; alcoholic and non-alcoholic beverages and vinegar; tobacco and its substitutes	386.5	0.8	430.5	0.7	425.0	0.7
CIS countries	306.5	3.7	349.4	3.7	317.2	0.5
other countries of the world	80.0	0.2	81.1	0.2	107.8	0.2
Mineral products	33 200.8	68.5	45 546.7	74.5	41 781.2	72.0
CIS countries	3 300.7	39.8	3 604.2	37.7	3 805.2	6.6

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
other countries of the world	29 900.1	74.4	41 942.5	81.4	37 976.0	65.4
Products of the chemical and related industries	2 379.4	4.9	2 426.8	4.0	2 542.5	4.4
CIS countries	717.4	8.6	953.7	10.0	984.4	1.7
other countries of the world	1 662.0	4.1	1 473.0	2.9	1 558.1	2.7
Plastics and articles thereof; rubber and articles thereof	103.8	0.2	123.1	0.2	144.7	0.2
CIS countries	92.6	1.1	112.7	1.2	138.1	0.2
other countries of the world	11.2	0.0	10.4	0.0	6.6	0.0
Crude skins, leather, furskins and articles thereof; saddlery and harness; travel goods, handbags and similar items; articles of animal gut (other than silk-worm gut)	19.2	0.0	13.1	0.0	9.5	0.0
CIS countries	4.0	0.0	3.7	0.0	2.6	0.0
other countries of the world	15.3	0.0	9.4	0.0	6.9	0.0
Wood and articles of wood; wood charcoal; cork and articles of cork; manufactures of straw, of esparto or of other plating materials; basket ware and wicker products	26.6	0.1	52.2	0.1	48.9	0.1
CIS countries	24.3	0.3	47.8	0.5	46.2	0.1
other countries of the world	2.3	0.0	4.4	0.0	2.8	0.0
Pulp of wood or of other fibrous cellulosic material; regenerated paper and paperboard (scrap paper and paper waste) and articles thereof	25.9	0.1	26.0	0.0	27.5	0.0
CIS countries	21.3	0.3	22.8	0.2	24.9	0.0
other countries of the world	4.6	0.0	3.2	0.0	2.6	0.0
Textiles and textile products	212.9	0.4	181.6	0.3	186.4	0.3
CIS countries	66.6	0.8	77.8	0.8	82.5	0.1
other countries of the world	146.4	0.4	103.8	0.2	103.9	0.2
Footwear, headwear, umbrellas, sun umbrellas, walking sticks, seats, whips and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair	8.7	0.0	10.0	0.0	4.2	0.0
CIS countries	7.7	0.1	8.5	0.1	3.2	0.0
other countries of the world	0.9	0.0	1.5	0.0	0.9	0.0
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	27.9	0.1	37.3	0.1	53.4	0.1
CIS countries	22.7	0.3	28.0	0.3	38.3	0.1
other countries of the world	5.3	0.0	9.3	0.0	15.1	0.0
Natural or cultured pearls, precious or semiprecious stones, metals, clad with precious metal and articles thereof; imitation jewellery; coins	595.4	1.2	527.6	0.9	540.7	0.9
CIS countries	3.0	0.0	31.0	0.3	35.0	0.1
other countries of the world	592.4	1.5	496.7	1.0	505.7	0.9

Continuation

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Base metals and articles thereof	8 777.0	18.1	8 357.6	13.7	8 197.4	14.1
CIS countries	2 351.0	28.3	2 557.2	26.7	2 355.4	4.1
other countries of the world	6 426.0	16.0	5 800.4	11.3	5 842.0	10.1
Machinery and mechanical appliances, electrical equipment; parts thereof; sound recording and sound reproducing equipment; apparatus for recording and reproducing television image and sound, parts and accessories thereof	428.0	0.9	479.4	0.8	548.5	0.9
CIS countries	307.2	3.7	369.4	3.9	438.5	0.8
other countries of the world	120.9	0.3	110.0	0.2	110.0	0.2
Vehicles, aircrafts, floating crafts and related transport equipment	197.5	0.4	159.4	0.3	604.7	1.0
CIS countries	72.5	0.9	98.2	1.0	259.5	0.4
other countries of the world	125.0	0.3	61.3	0.1		
Optical, photographic, cinematographic, measuring, checking, precise, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof	32.3	0.1	24.1	0.0	37.3	0.1
CIS countries	7.2	0.1	8.0	0.1	15.6	0.0
other countries of the world	25.2	0.1	16.0	0.0	21.7	0.0
Various industrial goods	31.1	0.1	33.3	0.1	46.8	0.1
CIS countries	26.1	0.3	30.5	0.3	44.6	0.1
other countries of the world	5.0	0.0	2.8	0.0	2.2	0.0
Works of art, collectors' pieces, and antiques	0.2	0.0	0.9	0.0	0.1	0.0
CIS countries	0.0	0.0	0.0	0.0	0.0	
other countries of the world	0.2	0.0	0.9	0.0	0.1	0.0
Others	18.9	0.0	10.0	0.0	9.3	0.0
CIS countries	0.9	0.0	0.6	0.0	5.5	0.0
other countries of the world	18.0	0.0	9.4	0.0	3.8	0.0

Continuation

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
Total	47 540.8	100.0	60 321.0	100.0
CIS countries	9 151.3	19.3	12 493.5	20.7
other countries of the world	38 389.5	80.8	47 827.5	79.3
of which:				
Live animals and products of animal origin	194.6	0.4	296.0	0.5
CIS countries	134.9	0.3	242.1	0.4
other countries of the world	59.7	0.1	53.9	0.1
Products of vegetable origin	2 474.5	5.2	2 736.3	4.5
CIS countries	1 436.7	3.0	1 566.8	2.6
other countries of the world	1 037.8	2.2	1 169.5	1.9

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
Fats and oils of animal or vegetable origin and their cleavage products; prepared edible fats; waxes of animal or vegetable origin	198.8	0.4	216.7	0.4
CIS countries	102.1	0.2	169.2	0.3
other countries of the world	96.7	0.2	47.5	0.1
Prepared foodstuffs; alcoholic and non-alcoholic beverages and vinegar; tobacco and its substitutes	484.8	1.0	507.6	0.8
CIS countries	370.8	0.8	429.9	0.7
other countries of the world	114.0	0.2	77.7	0.1
Mineral products	31 377.5	66.0	39 759.6	65.9
CIS countries	3 202.8	6.7	3 717.5	6.2
other countries of the world	28 174.6	59.3	36 042.1	59.8
Products of the chemical and related industries	2 754.0	5.8	2 939.1	4.9
CIS countries	969.2	2.0	1 143.5	1.9
other countries of the world	1 784.9	3.8	1 795.5	3.0
Plastics and articles thereof; rubber and articles thereof	116.3	0.2	205.3	0.3
CIS countries	109.9	0.2	187.2	0.3
other countries of the world	6.4	0.0	18.2	0.0
Crude skins, leather, furskins and articles thereof; saddlery and harness; travel goods, handbags and similar items; articles of animal gut (other than silk-worm gut)	4.0	0.0	10.3	0.0
CIS countries	1.2	0.0	2.6	0.0
other countries of the world	2.8	0.0	7.7	0.0
Wood and articles of wood; wood charcoal; cork and articles of cork; manufactures of straw, of esparto or of other plating materials; basket ware and wicker products	8.2	0.0	14.1	0.0
CIS countries	7.7	0.0	13.6	0.0
other countries of the world	0.5	0.0	0.4	0.0
Pulp of wood or of other fibrous cellulosic material; regenerated paper and paperboard (scrap paper and paper waste) and articles thereof	24.4	0.1	45.3	0.1
CIS countries	22.7	0.0	43.4	0.1
other countries of the world	1.7	0.0	1.9	0.0
Textiles and textile products	151.4	0.3	198.9	0.3
CIS countries	69.5	0.1	114.4	0.2
other countries of the world	81.8	0.2	84.5	0.1
Footwear, headwear, umbrellas, sun umbrellas, walking sticks, seats, whips and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair	3.2	0.0	4.8	0.0
CIS countries	2.6	0.0	4.1	0.0

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
other countries of the world	0.7	0.0	0.7	0.0
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	47.8	0.1	49.7	0.1
CIS countries	36.6	0.1	37.8	0.1
other countries of the world	11.2	0.0	11.9	0.0
Natural or cultured pearls, precious or semiprecious stones, metals, clad with precious metal and articles thereof; imitation jewellery; coins	699.5	1.5	858.9	1.4
CIS countries	16.3	0.0	56.3	0.1
other countries of the world	683.3	1.4	802.6	1.3
Base metals and articles thereof	7 612.5	16.0	10 478.9	17.4
CIS countries	1 922.6	4.0	3 358.8	5.6
other countries of the world	5 690.0	12.0	7 120.1	11.8
Machinery and mechanical appliances, electrical equipment; parts thereof; sound recording and sound reproducing equipment; apparatus for recording and reproducing television image and sound, parts and accessories thereof	508.4	1.1	1 273.6	2.1
CIS countries	332.5	0.7	810.0	1.3
other countries of the world	176.0	0.4	463.7	0.8
Vehicles, aircrafts, floating crafts and related transport equipment	788.7	1.7	640.8	1.1
CIS countries	360.7	0.8	540.2	0.9
other countries of the world	427.9	0.9	100.5	0.2
Optical, photographic, cinematographic, measuring, checking, precise, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof	30.6	0.1	49.3	0.1
CIS countries	13.8	0.0	29.1	0.0
other countries of the world	16.8	0.0	20.2	0.0
Various industrial goods	36.3	0.1	24.9	0.0
CIS countries	34.9	0.1	22.8	0.0
other countries of the world	1.4	0.0	2.1	0.0
Works of art, collectors' pieces, and antiques	12.0	0.0	0.7	0.0
CIS countries	0.0	0.0	0.0	0.0
other countries of the world	12.0	0.0	0.7	0.0
Others	13.3	0.0	10.1	0.0
CIS countries	3.9	0.0	4.1	0.0
other countries of the world	9.4	0.0	6.0	0.0

8.7 Imports of the Republic of Kazakhstan by commodity nomenclature

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Total	29 599.6	100.0	33 658.5	100.0	39 721.1	100.0
CIS countries	14 132.0	100.0	16 033.9	47.6	17 276.6	43.5
other countries of the world	15 467.6	100.0	17 624.6	52.4	22 444.5	56.5
of which:						
Live animals and products of animal origin	578.1	2.0	600.6	1.8	745.6	1.9
CIS countries	356.2	2.5	347.4	2.2	417.6	1.1
other countries of the world	221.9	1.4	253.2	1.4	328.1	0.8
Products of vegetable origin	919.5	3.1	990.3	2.9	1 004.6	2.5
CIS countries	470.3	3.3	539.0	3.4	531.0	1.3
other countries of the world	449.2	2.9	451.3	2.6	473.6	1.2
Fats and oils of animal or vegetable origin and their cleavage products; prepared edible fats; waxes of animal or vegetable origin	189.0	0.6	196.9	0.6	218.4	0.6
CIS countries	152.9	1.1	147.2	0.9	177.3	0.4
other countries of the world	36.2	0.2	49.8	0.3	41.1	0.1
Prepared foodstuffs; alcoholic and non-alcoholic beverages and vinegar; tobacco and its substitutes	1 786.6	6.0	1 850.7	5.5	1 999.0	5.0
CIS countries	1 243.5	8.8	1 340.6	8.4	1 519.1	3.8
other countries of the world	543.1	3.5	510.0	2.9	479.8	1.2
Mineral products	2 748.4	9.3	3 548.2	10.5	3 113.1	7.8
CIS countries	2 575.4	18.2	3 365.1	21.0	2 880.7	7.3
other countries of the world	173.0	1.1	183.1	1.0	232.4	0.6
Products of the chemical and related industries	3 278.7	11.1	3 409.3	10.1	3 487.8	8.8
CIS countries	1 202.2	8.5	1 255.0	7.8	1 337.6	3.4
other countries of the world	2 076.6	13.4	2 154.3	12.2	2 150.3	5.4
Plastics and articles thereof; rubber and articles thereof	1 636.5	5.5	1 791.9	5.3	1 977.2	5.0
CIS countries	907.5	6.4	983.7	6.1	1 052.9	2.7
other countries of the world	729.0	4.7	808.2	4.6	924.2	2.3
Crude skins, leather, furskins and articles thereof; saddlery and harness; travel goods, handbags and similar items; articles of animal gut (other than silk-worm gut)	71.9	0.2	66.0	0.2	84.0	0.2
CIS countries	14.3	0.1	15.5	0.1	15.5	0.0
other countries of the world	57.7	0.4	50.5	0.3	68.6	0.2
Wood and articles of wood; wood charcoal; cork and articles of cork; manufactures of straw, of esparto or of other plating materials; basket ware and wicker products	344.3	1.2	362.5	1.1	388.0	1.0
CIS countries	271.2	1.9	306.1	1.9	336.2	0.8
other countries of the world	73.1	0.5	56.3	0.3	51.8	0.1

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Pulp of wood or of other fibrous cellulosic material; regenerated paper and paperboard (scrap paper and paper waste) and articles thereof	533.6	1.8	532.9	1.6	566.2	1.4
CIS countries	340.2	2.4	330.2	2.1	368.4	0.9
other countries of the world	193.5	1.3	202.7	1.1	197.8	0.5
Textiles and textile products	863.1	2.9	1 017.1	3.0	1 271.2	3.2
CIS countries	336.4	2.4	362.6	2.3	434.2	1.1
other countries of the world	526.7	3.4	654.5	3.7	837.0	2.1
Footwear, headwear, umbrellas, sun umbrellas, walking sticks, seats, whips and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair	298.5	1.0	327.4	1.0	461.2	1.2
CIS countries	69.9	0.5	104.1	0.6	114.5	0.3
other countries of the world	228.7	1.5	223.2	1.3	346.6	0.9
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	703.7	2.4	687.2	2.0	726.2	1.8
CIS countries	416.4	2.9	389.8	2.4	431.9	1.1
other countries of the world	287.2	1.9	297.4	1.7	294.3	0.7
Natural or cultured pearls, precious or semiprecious stones, metals, clad with precious metal and articles thereof; imitation jewellery; coins	80.4	0.3	59.5	0.2	341.1	0.9
CIS countries	62.6	0.4	40.2	0.3	307.5	0.8
other countries of the world	17.8	0.1	19.3	0.1	33.7	0.1
Base metals and articles thereof	3 430.5	11.6	4 130.2	12.3	4 629.8	11.7
CIS countries	1 835.9	13.0	2 177.0	13.6	2 469.0	6.2
other countries of the world	1 594.5	10.3	1 953.2	11.1	2 160.8	5.4
Machinery and mechanical appliances, electrical equipment; parts thereof; sound recording and sound reproducing equipment; apparatus for recording and reproducing television image and sound, parts and accessories thereof	7 792.8	26.3	9 038.9	26.9	12 532.2	31.6
CIS countries	2 018.4	14.3	2 206.8	13.8	2 452.9	6.2
other countries of the world	5 774.4	37.3	6 832.1	38.8	10 079.3	25.4
Vehicles, aircrafts, floating crafts and related transport equipment	2 459.3	8.3	3 213.9	9.5	3 700.1	9.3
CIS countries	1 248.0	8.8	1 499.0	9.3	1 754.6	4.4
other countries of the world	1 211.3	7.8	1 714.9	9.7	1 945.5	4.9
Optical, photographic, cinematographic, measuring, checking, precise, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof	930.9	3.1	905.8	2.7	927.1	2.3
CIS countries	178.5	1.3	207.4	1.3	202.2	0.5

Continuation

	2017		2018		2019	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
other countries of the world	752.5	4.9	698.4	4.0	724.9	1.8
Various industrial goods	898.4	3.0	900.2	2.7	1 023.6	2.6
CIS countries	393.6	2.8	396.9	2.5	440.9	1.1
other countries of the world	504.8	3.3	503.3	2.9	582.7	1.5
Works of art, collectors' pieces, and antiques	4.9	0.0	1.2	0.0	0.4	0.0
CIS countries	0.1	0.0	0.4	0.0	0.1	0.0
other countries of the world	4.9	0.0	0.8	0.0	0.3	0.0
Others	50.3	0.2	28.0	0.1	512.5	1.3
CIS countries	38.6	0.3	19.8	0.1	20.7	0.1
other countries of the world	11.7	0.1	8.2	0.0	491.9	1.2

Continuation

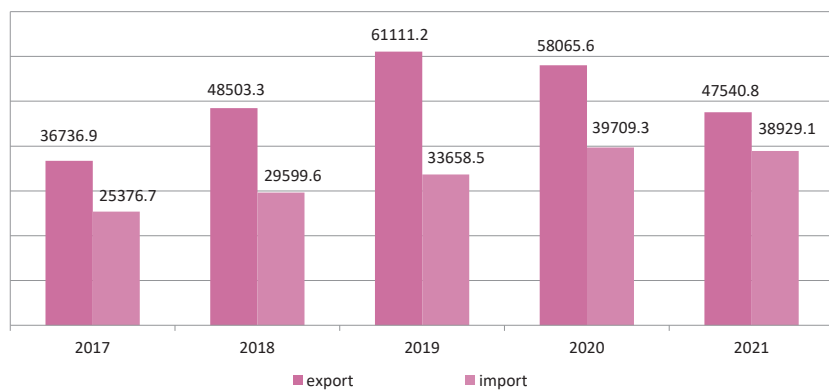
	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
Total	38 929.1	100	41 415.4	100.0
CIS countries	16 049	41.2	20 744.4	50.1
other countries of the world	22 880.1	58.8	20 671.0	49.9
of which:				
Live animals and products of animal origin	768.1	2.0	801.1	1.9
CIS countries	483.9	1.2	512.3	1.2
other countries of the world	284.2	0.7	288.8	0.7
Products of vegetable origin	989.7	2.5	1 273.7	3.1
CIS countries	544.9	1.4	755.4	1.8
other countries of the world	444.8	1.1	518.3	1.3
Fats and oils of animal or vegetable origin and their cleavage products; prepared edible fats; waxes of animal or vegetable origin	243.4	0.6	287.9	0.7
CIS countries	190.6	0.5	230.3	0.6
other countries of the world	52.8	0.1	57.6	0.1
Prepared foodstuffs; alcoholic and non-alcoholic beverages and vinegar; tobacco and its substitutes	2 090.4	5.4	2 578.9	6.2
CIS countries	1 623.0	4.2	1 981.0	4.8
other countries of the world	467.4	1.2	597.9	1.4
Mineral products	2 191.4	5.6	2 743.1	6.6
CIS countries	2 039.1	5.2	2 512.9	6.1
other countries of the world	152.4	0.4	230.3	0.6
Products of the chemical and related industries	3 862.0	9.9	4 296.4	10.4
CIS countries	1 379.3	3.5	1 660.0	4.0
other countries of the world	2 482.7	6.4	2 636.4	6.4
Plastics and articles thereof; rubber and articles thereof	1 849.1	4.7	2 388.8	5.8
CIS countries	1 002.8	2.6	1 364.2	3.3

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
other countries of the world	846.3	2.2	1 024.6	2.5
Crude skins, leather, furskins and articles thereof; saddlery and harness; travel goods, handbags and similar items; articles of animal gut (other than silk-worm gut)	75.6	0.2	67.8	0.2
CIS countries	10.1	0.0	16.0	0.0
other countries of the world	65.6	0.2	51.8	0.1
Wood and articles of wood; wood charcoal; cork and articles of cork; manufactures of straw, of esparto or of other plating materials; basket ware and wicker products	372.3	1.0	550.8	1.3
CIS countries	303.2	0.8	480.5	1.2
other countries of the world	69.2	0.2	70.3	0.2
Pulp of wood or of other fibrous cellulosic material; regenerated paper and paperboard (scrap paper and paper waste) and articles thereof	524.3	1.3	604.6	1.5
CIS countries	333.3	0.9	388.6	0.9
other countries of the world	191.0	0.5	216.0	0.5
Textiles and textile products	1 259.5	3.2	1 571.1	3.8
CIS countries	426.9	1.1	434.5	1.0
other countries of the world	832.6	2.1	1 136.6	2.7
Footwear, headwear, umbrellas, sun umbrellas, walking sticks, seats, whips and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair	377.7	1.0	590.1	1.4
CIS countries	94.9	0.2	106.9	0.3
other countries of the world	282.8	0.7	483.2	1.2
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	728.3	1.9	933.9	2.3
CIS countries	430.4	1.1	603.9	1.5
other countries of the world	297.9	0.8	329.9	0.8
Natural or cultured pearls, precious or semiprecious stones, metals, clad with precious metal and articles thereof; imitation jewellery; coins	455.2	1.2	478.7	1.2
CIS countries	430.3	1.1	439.6	1.1
other countries of the world	24.9	0.1	39.2	0.1
Base metals and articles thereof	4 125.1	10.6	4 319.6	10.4
CIS countries	2 063.3	5.3	3 096.7	7.5
other countries of the world	2 061.8	5.3	1 222.9	3.0

	2020		2021	
	million US dollars	as % of total	million US dollars	as % of total
Machinery and mechanical appliances, electrical equipment; parts thereof; sound recording and sound reproducing equipment; apparatus for recording and reproducing television image and sound, parts and accessories thereof	13 433.0	34.5	11 225.0	27.1
CIS countries	2 400.1	6.2	3 137.1	7.6
other countries of the world	11 032.9	28.3	8 087.9	19.5
Vehicles, aircrafts, floating crafts and related transport equipment	3 515.9	9.0	4 348.7	10.5
CIS countries	1 640.9	4.2	2 195.7	5.3
other countries of the world	1 874.9	4.8	2 153.0	5.2
Optical, photographic, cinematographic, measuring, checking, precise, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof	1 100.5	2.8	1 119.4	2.7
CIS countries	192.3	0.5	256.6	0.6
other countries of the world	908.3	2.3	862.8	2.1
Various industrial goods	893.0	2.3	1 203.1	2.9
CIS countries	398.8	1.0	551.9	1.3
other countries of the world	494.2	1.3	651.2	1.6
Works of art, collectors' pieces, and antiques	1.4	0.0	4.6	0.0
CIS countries	0.0	0.0	0.4	0.0
other countries of the world	1.3	0.0	4.2	0.0
Others	73.1	0.2	28.2	0.1
CIS countries	61.0	0.2	20.0	0.1
other countries of the world	12.1	0.1	8.1	0.1

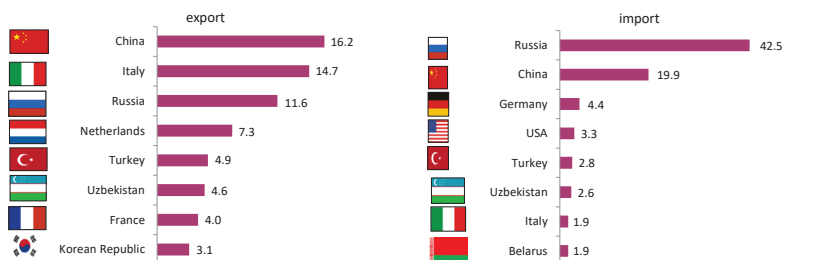
Dynamics of external trade turnover of the Republic of Kazakhstan

million US dollars

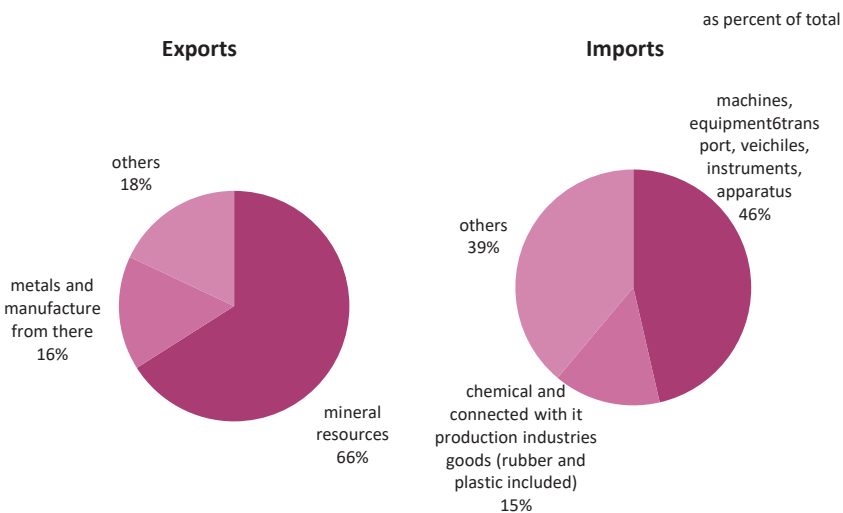


Structure of exports and imports of the Republic of Kazakhstan by main trade partners in 2020

as percent of total



Structure of exports and imports of the Republic of Kazakhstan by main commodity groups in 2021



9

Financial system

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9. Financial system

State finances

State finance statistics represent income and expenditures of general government.

Information base of the state finance statistics is formed using the reports on the execution of state. Republican and local budgets submitted by the Ministry of Finance of the Republic of Kazakhstan.

The state budget is the main financial instrument of the formation and spending of monetary resources for ensuring the fulfillment of government functions. State budget includes Republican and local budgets.

Budget income is the total of tax and non-tax receipts and fees, as well as irrevocable budget capital income.

Tax income covers compulsory, irrevocable, unrecoverable payments to the budget. They also include fines and penalties paid for the violation of tax legislation.

Non-taxable income includes compulsory payments - property income, dividends on shares and other securities, external economic activity income.

Income also includes official transfers (grants), which represent money resources irrevocably transferred by the foreign states or international organizations for supporting the budget or other purposes, connected with the state functioning.

Budget expenditures refer to money resources allocated from the budget on unrecoverable basis within the voted budget. Expenditures are formed for the following purposes: funding of economic branches (industry, agriculture, construction, transport and communications). funding of social and cultural development, science; for the maintenance of government and administrative authorities and law-enforcement bodies; expenditures for national defense and external economic activity; state debt service expenditures, etc.

Operational balance is defined as a difference between the budget income and expenditures.

Net budget crediting is a difference between the budget credits and their repayment.

Financial assets transaction balance is defined as a difference between the purchase of financial assets and returns from the sales of the government financial assets.

Budget deficit (profit) is equal to the operational balance with the deduction of the net budget crediting and financial assets transaction balance.

The obtained negative value is considered as the budget deficit, and the positive value refers to the budget surplus.

9.1 State budget

million tenge

	2017	2018	2019	2020	2021
Income	11 567 691	10 808 573	12 758 479	14 521 191	15 847 431
among which:					
tax receipts	6 810 851	7 890 048	9 216 474	8 561 203	10 724 319
among which:					
corporate money income	1 538 785	1 687 577	1 974 763	2 043 659	2 828 100
personal income tax	750 212	838 394	876 324	929 588	1 134 136
value added tax	1 664 699	2 034 314	2 693 127	2 532 524	2 807 691
excise tax	255 994	311 856	343 409	432 653	468 483
property tax	315 849	365 647	395 513	369 411	420 965
social tax	576 607	618 505	696 635	727 139	841 279

Continuation

	2017	2018	2019	2020	2021
other taxes	1 708 705	2 033 755	2 236 703	1 526 229	2 223 665
non-tax receipts	273 872	225 988	354 463	1 063 286	414 431
income from sales of fixed capital	68 651	92 537	117 542	126 702	208 728
transfers received	4 414 317	2 600 000	3 070 000	4 770 000	4 499 953
Expenses	12 485 378	11 346 054	13 535 581	16 725 097	17 951 888
among which:					
state services of general purpose	652 254	611 026	744 128	873 672	856 389
defence	452 375	542 129	738 655	671 813	744 707
public order, security, legal, judicial, criminal and executive activity	709 712	795 090	833 306	1 019 345	1 011 391
education	1 843 243	1 948 477	2 332 035	3 141 186	3 681 860
health care	1 128 316	1 173 313	1 291 789	1 955 759	2 259 347
social aid and social security	2 302 330	2 751 354	3 466 724	3 777 032	4 028 903
housing and communal services	688 374	749 030	913 650	1 405 692	1 233 397
culture, sport, tourism and information field	398 540	449 291	456 201	500 300	528 297
fuel and energy complex and subsoil assets use	137 939	130 489	127 872	164 911	160 363
agriculture, water, forestry and fishery industries, especially protected natural areas, environment and fauna protection, land relations	474 307	501 835	583 410	668 269	717 852
Industry, architectural, town-planning and construction activity	29 791	35 860	69 566	99 351	58 067
transport and communications	850 434	834 187	893 622	1 078 693	1 015 995
others	2 334 295	225 843	402 557	601 483	626 498
debt service	458 874	587 663	679 644	767 591	1 028 822
transfers	24 594	10 467	2 422	-	-
Net budget crediting	201 451	162 840	262 881	261 981	267 338
Budget credit	304 168	272 937	392 948	386 797	451 372
Budget credit repayment	102 717	110 097	130 067	124 816	184 034
Financial transactions balance	336 182	132 751	245 324	340 263	163 011
Purchase of financial assets	339 932	138 748	252 017	343 891	165 709
Returns from sales of government financial assets	3 750	5 997	6 693	3 628	2 698
Funding of budget (use profit) deficit	-1 455 320	-833 072	-1 285 307	-2 806 150	-2 534 806

9.2 Distribution of receipts and expenditures by levels of the budget system

million tenge

	2017	2018	2019	2020	2021
Republican budget					
Income	9 691 789	8 789 005	10 592 324	11 928 462	12 504 629
among which:					
tax receipts	4 848 028	5 694 904	6 835 513	5 575 863	7 057 944
non-tax receipts	159 882	151 349	279 410	983 257	295 440
income from capital transactions	4 345	2 361	9 506	1 771	6 582

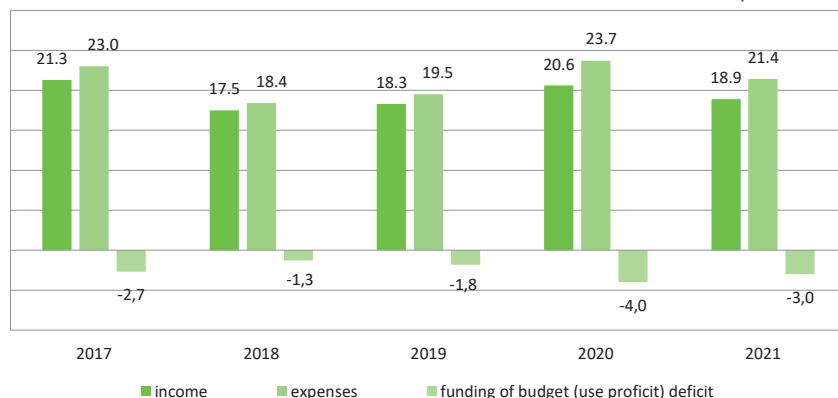
	2017	2018	2019	2020	2021
transfers received	4 679 534	2 940 391	3 467 895	5 367 571	5 144 663
Expenses	10 677 506	9 334 733	11 469 071	13 699 876	14 786 771
among which:					
public services of general purpose	493 888	442 404	562 706	687 587	645 016
defence	428 746	516 581	709 872	640 918	715 107
public order, security, legal, judicial, criminal and executive activity	549 102	647 942	684 758	835 425	808 162
education	464 569	473 825	611 258	954 637	1 382 005
health care	1 018 628	1 071 175	1 197 099	1 664 303	2 095 218
social aid and social security	2 129 993	2 578 844	3 270 193	3 869 600	3 883 825
housing and communal services	198 342	221 217	328 221	349 534	399 363
culture, sport, tourism and information field	140 684	150 788	135 963	150 119	172 302
fuel and energy complex and subsoil assets use	89 066	78 225	84 891	79 547	99 649
agriculture, water, forestry and fish industries, especially protected natural areas environment and fauna protection land relations	244 937	268 909	371 216	368 905	406 810
Industry, architectural, town-planning and construction activity	8 884	8 674	18 761	52 621	49 660
transport and communications	675 902	552 959	628 273	558 719	595 720
others	2 278 937	155 490	603 558	621 397	435 342
debt service	458 102	585 909	677 834	762 132	977 715
transfers	1 497 726	1 581 791	1 584 468	2 104 432	2 120 877
Net budget crediting	174 971	131 654	250 348	217 717	213 356
Budget credit	282 484	250 269	381 647	338 216	389 634
Budget credit repayment	107 513	118 615	131 299	120 499	176 278
Financial transactions balance	196 287	51 806	169 171	196 122	30 773
Purchase of financial assets	196 287	51 806	169 171	196 122	30 773
Returns from sales of government financial assets	0	0	0	0	0
Funding of budget (use profit) deficit	-1 356 975	-729 188	-1 296 266	-2 185 253	-2 526 271
Local budget					
Income	4 681 296	4 728 532	6 039 951	7 721 256	8 742 647
among which:					
tax receipts	1 962 823	2 195 144	2 380 961	2 985 340	3 666 375
non-tax receipts	114 954	74 951	76 172	80 271	119 185
income from sales of fixed capital	64 305	90 175	108 036	124 930	202 146
Transfers received	2 539 214	2 368 262	3 474 782	4 530 715	4 754 941
Expenses	4 613 265	4 720 272	5 950 203	8 156 546	8 564 963
among which:					
public services of general purpose	167 061	194 004	219 385	276 541	280 145
defence	25 869	25 819	28 783	31 866	33 819
public order, security, legal, judicial, criminal and executive activity	170 861	158 770	167 461	193 589	214 642
education	1 480 083	1 592 338	1 961 214	2 716 259	3 170 105
health care	408 970	149 872	165 755	374 873	310 599

Continuation

	2017	2018	2019	2020	2021
social aid and social security	196 532	212 083	478 992	401 382	416 525
housing and communal services	680 264	743 258	908 934	1 398 995	1 227 209
Culture, sport, tourism and information field	265 212	298 992	320 988	363 223	372 167
fuel and energy complex and subsoil assets use	122 963	116 689	117 598	154 255	142 716
Agriculture, wate, forestry and fishery industries, especially protected natural area, environment and fauna protection, land relations	348 426	311 956	432 363	521 480	557 615
Industry, architectural, town-planning and construction activity	20 906	27 186	55 091	56 484	39 857
transport and communications	355 999	440 201	482 002	681 186	602 394
others	88 009	104 642	208 813	374 374	500 690
debt service	1 735	2 064	2 830	5 688	51 302
transfers	280 375	342 398	399 994	606 351	645 178
Net budget crediting	71 724	110 529	108 844	93 503	100 265
Budget credit	109 492	125 819	145 644	140 949	165 992
Budget credit repayment	37 768	15 290	36 800	47 446	65 727
Financial transactions balance	139 895	80 945	76 153	144 141	132 238
Purchase of financial assets	143 645	86 942	82 846	147 769	134 936
Returns from sales of government financial assets	3 750	5 997	6 693	3 628	2 698
Funding of budget (use profit) deficit	-143 588	-183 214	-95 249	-672 934	-54 819

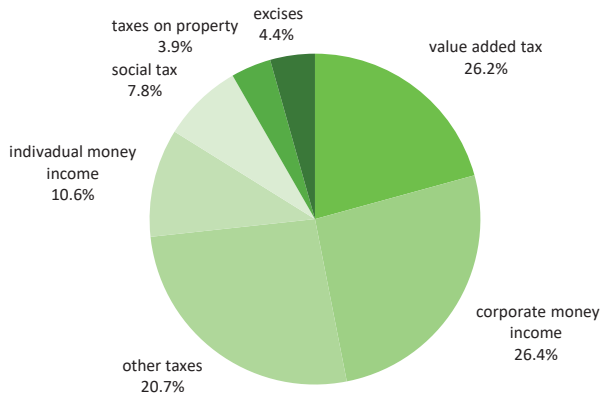
Incomes and expenditures of state budget

as percent of GDP



Structure of tax receipts of the State budget in 2021

as percent of total



Money-credit system

Structure of money supply in the banking system
Total amount of money supply consists of its aggregates:

M0 = cash

M1 = M0 + deposits of the population, deposits of non-bank legal entities

M2 = M1 + other deposits and transferable deposits of the population in foreign currency

M3 = M2 + other deposits of the population in foreign currency, deposits of non-bank legal entities in foreign currency.

9.3 External reserves of the National Bank of the Republic of Kazakhstan

end of the year, million US dollars

	2017	2018	2019	2020	2021
Gross external reserves	30 997	30 927	28 958	35 638	34 378
of which:					
Assets in convertible foreign currency	18 499	16 536	10 082	12 056	10 832
Gold	12 498	14 391	18 875	23 582	23 546
Net external reserves	30 484	30 439	28 472	35 132	32 333

9.4 Monetary base and its structure

end of the year

	2017	2018	2019	2020	2021
Monetary base (reserve money), million tenge	5 537 057	6 650 873	6 893 176	9 777 551	10 957 714
of which:					
cash outside of the National Bank of the Republic of Kazakhstan (NBK)	2 257 218	2 618 852	2 688 265	3 250 372	3 451 715
deposits of secondary banks and other organizations of the NBK	3 279 840	4 032 021	4 204 912	6 527 179	7 505 999
Monetary base (reserve money), in percent	100.0	100.0	100.0	100.0	100.0
of which:					
cash outside of the National Bank of the Republic of Kazakhstan	40.8	39.4	39.0	33.2	31.5
deposits of secondary banks and other organizations in the NBK	59.2	60.6	61.0	66.8	68.5

9.5 Monetary aggregates

end of the year

	2017	2018	2019	2020	2021
M0 (cash circulation), million tenge	1 946 338	2 260 157	2 300 505	2 828 046	2 997 723
M1, million tenge	4 967 992	5 605 006	5 928 085	7 186 951	8 788 006
among which:					
transferable deposits of the population in tenge	632 797	775 726	978 601	1 319 207	1 871 282
transferable deposits of the off-bank legal entities in tenge	2 388 856	2 569 122	2 648 979	3 039 698	3 919 000
M2, million tenge	13 513 732	14 467 056	16 054 341	19 134 928	23 750 269
among which:					
other deposits in tenge and transferable deposits in foreign currency of the population	3 428 213	4 017 509	4 630 021	5 612 324	7 243 362
other deposits in tenge and transferable deposits in foreign currency of the off-bank legal entities	5 117 528	4 844 542	5 496 235	6 335 653	7 718 900
M3, million tenge	19 456 330	20 813 371	21 322 070	24 917 785	30 099 291
among which:					
other deposits of the population in foreign currency	4 059 908	3 863 520	3 562 238	3 860 519	4 150 280
other deposits of the off-bank legal entities in foreign currency	1 882 691	2 482 795	1 705 491	1 922 337	2 198 742
Share of M0 in M3, in percent	10.0	10.9	10.8	11.3	10.0
Ratio of M3 and GDP, in percent	35.8	33.7	30.7	35.3	35.9

Main indicators of the secondary banks activities

9.6 Credits of the secondary banks by terms

million tenge

	2017	2018	2019	2020 ¹⁾	2021
Total credits	12 705 352	13 091 764	13 864 890	14 623 065	18 497 653
of which:					
short-term	1 904 371	1 987 608	2 041 473	2 128 709	2 467 174
credits in tenge	1 473 966	1 662 079	1 766 368	1 907 686	2 132 877
credits in foreign currency	430 404	325 529	275 105	221 023	334 297
long-term ²⁾	10 800 981	11 104 156	11 823 417	12 494 356	16 030 479
credits in tenge	7 892 821	8 432 241	9 794 395	10 818 961	14 455 279
credits in foreign currency	2 908 160	2 671 914	2 029 022	1 675 395	1 575 200

¹⁾ With final turnovers.

²⁾ From above 1 year.

9.7 Credits of the secondary banks by economic branches

million tenge

	2017	2018	2019	2020 ¹⁾	2021
Total credits	12 705 352	13 091 764	13 864 890	14 623 065	18 497 653
of which:					
Short-term	1 904 371	1 987 608	2 041 473	2 128 709	2 467 174
Industry	413 483	481 083	528 723	536 304	670 102
Agriculture	62 514	38 009	49 394	57 940	83 436
Construction	175 734	157 264	143 040	154 815	251 826
Transport	54 209	67 232	73 415	58 299	44 419
Communication	8 251	16 255	13 685	5 711	11 349
Trade	811 776	851 495	942 693	964 583	1 219 516
Others (non-productive sphere, individual activity)	378 404	376 270	290 523	351 057	186 526
Long-term ²⁾	10 800 981	11 104 156	11 823 417	12 494 356	16 030 479
Industry	1 568 094	1 543 400	1 361 171	1 447 862	1 840 764
Agriculture	632 699	451 680	205 683	176 395	256 649
Construction	739 354	595 976	531 535	500 016	419 330
Transport	518 509	526 043	427 065	431 162	418 042
Communication	90 480	55 604	114 313	162 303	177 563
Trade	1 207 830	949 715	800 753	746 764	813 666
Others (non-productive sphere, individual activity)	6 044 015	6 981 738	8 382 897	9 029 854	12 104 465

¹⁾ With final turnovers.

²⁾ From above 1 year.

9.8 Credits of the secondary banks to the small business entities

million tenge

	2017	2018	2019	2020 ¹⁾	2021
Total credits	2 788 589	2 363 861	2 108 945	2 515 308	3 772 244
of which:					
in tenge:	1 885 450	1 731 781	1 700 184	2 049 615	3 040 833
short-term	294 941	287 652	281 067	382 742	592 662
long-term ²⁾	1 590 509	1 444 129	1 419 116	1 666 873	2 448 171
in foreign currency:	903 139	632 079	408 761	465 693	731 411
short-term	116 451	100 708	53 551	66 348	78 129
long-term ²⁾	786 688	531 371	355 210	399 345	653 281

¹⁾ With final turnovers.

²⁾ From above 1 year.

Insurance contributions and pension accruals

Securities

Security is a set of definite records and other entries certifying the property right.

Government emission security is an emission security which certifies the right of the owner for loans that are borrowed by the Government of the Republic of Kazakhstan or the National Bank of the Republic of Kazakhstan.

Non-government emission securities include shares, bonds and other emission securities that are not government emission securities.

Share is a security issued by the joint-stock company which certifies the right for the participation in the management of the joint-stock company, receipt of share dividends and part of the company's property when liquidated as well as other rights stated in the Law and other legislative acts of the Republic of Kazakhstan.

Bonds are the securities confirming the obligation of the issuer to compensate to the owner of the security its face value in scheduled period and giving the right to the owner for receiving a fixed interest from the face value.

9.9 Receipts of insurance contributions and insurance premiums paid by insurance companies

	Receipts of insurance contributions									
	amount, million tenge					as % of total				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
Total [*]	370 174	384 846	462 755	511 221	698 656	100.0	100.0	100.0	100.0	100.0
Compulsory insurance	96 783	102 165	108 240	110 953	131 793	26.2	26.6	23.4	21.7	18.9
Voluntary personal insurance	101 231	131 303	181 480	190 601	300 019	27.3	34.1	39.2	37.3	42.9
Voluntary property insurance	172 159	151 378	173 035	209 667	266 844	46.5	39.3	37.4	41.0	38.2

Continuation

	Insurance premiums									
	amount, million tenge					as % of total				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
Total*	73 094	70 759	217 912	147 059	126 926	100.0	100.0	100.0	100.0	100.0
Compulsory insurance	28 933	26 869	35 114	34 662	44 326	39.6	38.0	16.1	23.6	34.9
Voluntary personal insurance	32 110	30 036	40 671	43 556	50 943	43.9	42.4	18.7	29.6	40.1
Voluntary property insurance	12 051	13 854	142 127	68 841	31 657	16.5	19.6	65.2	46.8	25.0

* From beginning of year.

9.10 Dynamics of pension accruals and investment income in the accumulation pension system

billion tenge

	Total				
	01.01.2018	01.01.2019	01.01.2020	01.01.2021	01.01.2022
Pension accruals	7 780.7	9 377.6	10 800.5	12 913.5	13 070.0
of which:					
investment income	2 774.9	3 692.0	4 333.7	5 553.6	6 911.6
Share of the investment income, in percent	35.7	39.4	40.1	43.0	52.9

Abbreviations

dm	decimetre
cm	centimetre
m	metre
m ²	square metre
m ³	cubic metre
km	kilometre
km ²	square kilometre
km ³	cubic kilometre
g	gram
kg	kilogram
t	ton
tons/km	tons-kilometre
kW	kilowatt
kWh	kilowatt-hour
hp	horse-power
pcs.	pieces
dal.	decalitre
ha	hectare
c.	copy
p-km	passenger-kilometre

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