



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

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Kazakhstan in 2020



Nur-Sultan 2021

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

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Statistical yearbook

Nur-Sultan 2021

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The statistical data on social and economic status of Kazakhstan in 2016-2020 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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1

General survey

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1. General survey

1.1 Geographic description of the Republic of Kazakhstan

Capital – Nur-Sultan city

Territory of the Republic (thousand square km) – 2724.9

Density of the population (inhabitants per 1 square km) – 6.9

Number of the population as of 01.01.2021, thousand persons – 18879.5

Natural increase of the population (promille per 1000 persons) – 14.2

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 oblast – Karagandinskaya, 428 thousand square km

The largest city – Almaty with number of population – 1977.2 thousand persons

1.2 Administrative-territorial division

as of January 1, 2021

	Territory ¹⁾ , thousand square km	Rayons ²⁾	Cities			Settlements	
			total	the republican subordination	the regional subordi- nation	village	aul (rural)
Republic of Kazakhstan	2 724.9	183	88	37	48	30	6 316
Akmola	146.1	17	10	2	8	5	590
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	426
Zhambyl	144.3	10	4	1	3	-	367
Karagandy	428.0	11	11	9	2	10	421
Kostanai	196.	16	6	4	2	3	520
Kyzylorda	226.0	7	4	2	2	2	230
Mangystau	165.6	5	3	2	1	-	58
Pavlodar	124.8	10	3	3	-	4	352
Soltustik Kazakhstan	98.0	13	5	1	4	-	635
Turkistan	116.1	13	7	3	4	-	834
Shygyz Kazakhstan	283.2	15	10	4	6	3	683
Nur-Sultan 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

	2016	2017	2018	2019	2020
Resident population size (end of the year), million persons	17.9	18.2	18.4	18.6	18.9
of which:					
under working age – total	5.2	5.3	5.5	5.6	5.8
males	2.7	2.7	2.8	2.9	3.0
females	2.5	2.6	2.7	2.7	2.8
over working age – total	2.0	2.1	2.1	2.1	2.1
males	0.6	0.6	0.6	0.6	0.7
females	1.4	1.5	1.5	1.5	1.4
Natural increase, decrease (-) of the population:					
thousand persons	269.5	261.3	267.3	269.2	265.5
per 1000 population	15.14	14.48	14.63	14.54	14.16
Employed population, thousand persons	8 553.3	8 585.2	8 695.0	8 780.8	8 732.0
Unemployed population, thousand persons	445.5	442.3	443.6	440.7	448.8
Number of persons registered in employment authorities as unemployed, thousand persons	37.5	70.3	91.6	97.5	141.8
Unemployment rate, percent	5.0	4.9	4.9	4.8	4.9

	2016	2017	2018	2019	2020
Estimation of nominal money income of population, average monthly per capita, tenge	76 575	83 710	93 135	104 282	116 126
Money expenditures of population, average monthly per capita ¹⁾ , tenge	41 847	46 319	51 198	55 791	59 701
Accrued average monthly wages and salaries of persons engaged in the economy, tenge	142 898	150 827	162 673	186 815	213 003
Fixed assets of the economy at primary (current) value (end of the year), billion tenge	77 147.5	83 784.4	97 882.4	124 705.8	136 844.7
Gross domestic product by production:					
Total, billion tenge	46 971.2	54 378.9	61 819.5	69 532.6	70 649 .0
per capita, thousand tenge	2 639.7	3 014.7	3 382.5	3 755.7	3 766.8
Final consumption expenditures in terms of goods and services, billion tenge	31 083.2	34 326.1	37 350.9	42 700.7	46 408.5 ¹⁾
Gross capital formation, billion tenge	13 070.9	14 330.2	15 614.5	19 210.2	20 148.4 ¹⁾
Volume of industrial output (goods, services). billion tenge	19 026.8	22 790.2	27 218.1	29 380.3	27 028.5
Agriculture, forestry and fisheries products (services) gross output production, billion tenge	3 701.4	4 092.3	4 497.6	5 177.9	6 334.7
including:					
Gross output of plant-growing	2 047.6	2 249.2	2 411.5	2 817.7	3 687.3
Gross output of animal husbandry	1 621.5	1 810.9	2 050.5	2 319.5	2 637.5
Services in the sphere of agriculture	15.3	10.8	12.1	14.0	9.9
Volume of products (services) in the hunting economy	1.1	0.9	1.0	1.1	1.1
Volume of products (services) in forestry	9.2	12.7	13.2	15.1	15.8
Volume of products (services) in fisheries and aquaculture	6.7	7.8	9.3	10.6	12.4
Investments to the fixed capital, billion tenge	7 762.3	8 770.6	11 179.0	12 576.8	12 270.1
Commissioning of fixed assets, billion tenge	5 699.8	7 891.7	21 798.3	7 710.0	7 966.2
Total space of dwellings put into operation, thousand square meter	10 513	11 168	12 521	13 125.8	15 331.9
Volume of the done construction works, billion tenge	3 258.0	3 509.3	3 863.0	4 431.7	4 934.1
Freight turnover by all modes of transport, billion tons/km	518.6	564.0	609.5	597.6	584.0
Passenger turnover by all modes of transport, billion p-km	266.8	273.2	281.5	295.5	108.7
Volume of retail trade, billion tenge	7 974.4	8 892.9	10 045.8	11 327.6	
Receipts of the state budget					
billion tenge	9 308.5	11 567.7	10 808.6	12 758.5	14 521.2
in percents of GDP	19.8	21.3	17.5	18.3	20.6
Expenditure of the state budget					
billion tenge	9 433.7	12 485.4	11 346.1	13 535.6	16 725.1
percents of GDP	20.1	23.0	18.4	19.5	23.7
Deficit of the state budget					
billion tenge	-737.7	-1 455.3	-833.1	-1 285.3	-2 806.2
in percent of GDP	-1.6	-2.7	-1.3	-1.8	-4.0
Money supply (end of the year), billion tenge	19 798.6	19 456.3	20 813.4	21 322.1	24 917.8
Credit investment in the economy (end of the year), billion tenge	12 708.3	12 705.4	13 091.8	13 864.9	14 623.1

Continuation

	2016	2017	2018	2019	2020
among which:					
short-term	2 214.5	1 904.4	1 987.6	2 041.5	2 128.7
long-term ³⁾	10 493.8	10 801.0	11 104.2	11 823.4	12 494.4
External trade turnover with the CIS countries, million US dollars ⁴⁾	17 691.2	22 430.9	25 602.2	27 374.3	25 200.3
of which:					
Exports	6 327.6	8 298.9	9 568.3	10 109.5	9 151.3
Imports	11 363.6	14 132.0	16 033.9	17 264.8	16 049.0
External trade turnover with then non-CIS countries, million US dollars ⁴⁾	44 422.4	55 672.0	69 167.5	70 400.6	61 269.6
of which:					
Exports	30 409.3	40 204.4	51 542.9	47 956.1	38 389.5
Imports	14 013.1	15 467.6	17 624.6	22 444.5	22 880.1
Consumer price index (December to December of the previous year, percent)	108.5	107.1	105.3	105.4	107.5
Producer price index for industrial output (December to December of the previous year, percent)	115.5	117.6	112.4	101.4	95.8
Price index for agricultural output (December to December of the previous year, percent)	107.5	102.6	107.8	115.9	115.3
Freight tariff index (December to December of the previous year, percent)	104.6	106.8	131.1	103.0	102.8
Price index for capital investments in construction (December to December of the previous year, percent)	104.7	105.0	103.9	101.6	99.7

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

	2016	2017	2018	2019	2020
Population size (end of the year)	101.4	101.3	101.3	101.3	101.3
Employed population	101.4	100.4	101.3	101.0	99.4
Unemployed population	98.1	99.3	100.3	99.3	101.8
Average monthly nominal earnings of one employee	113.4	105.5	107.9	114.8	114.0
Fixed assets of the economy (by the end of year)	115.8	108.6	116.8	127.4	109.7
Gross domestic product	101.1	104.1	104.1	104.5	97.5
Final consumption expenditures	101.4	101.6	102.7	107.4	99.0 ¹⁾
Industrial output	98.9	107.3	104.4	104.1	99.5
Agriculture, forestry and fisheries products (services) gross output	105.4	103.1	103.5	99.9	105.7
including:					
plant-growing	107.5	102.2	103.2	96.4	107.8
animal husbandry	102.8	103.9	103.9	104.0	103.1
services in agriculture	115.3	100.0	105.8	109.2	100.0

Continuation

	2016	2017	2018	2019	2020
products (services) in the hunting economy	98.3	81.6	100.7	99.4	96.1
products (services) in forestry	114.0	132.1	102.2	98.9	104.3
products (services) in fisheries and aquaculture	102.0	111.0	111.6	107.2	
Fixed capital investment	102.0	105.8	117.5	108.8	96.1
Volume of construction works	107.4	102.8	104.6	113.2	
Total space of dwellings put into operation	117.6	106.2	112.1	104.8	116.8
Freight turnover by all modes of transport	94.9	108.7	108.1	98.0	97.7
Passenger turnover by all modes of transport	106.2	102.4	103.0	105.0	35.8
Retail trade	102.0	102.7	105.7	105.9	96.8
External trade turnover with the CIS countries ²⁾	84.4	126.8	114.1	106.9	92.1
External trade turnover with the non-CIS countries ²⁾	80.0	125.3	124.2	101.8	87.0

¹⁾ Preliminary data.²⁾ Nominal indices.

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

2020 as percent of 2019

	Volume of industrial output	Agricultural 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	99.5	105.7	96.1	93.4	96.8	107.5	95.8	4.9	114.0
Akmola	106.8	112.6	129.5	103.5	79.3	107.4	101.9	4.9	120.0
Aktobe	102.6	106.7	106.7	107.9	104.2	107.5	84.9	4.8	116.8
Almaty	102.5	102.4	104.4	98.2	86.7	107.3	106.5	4.8	123.6
Atyrau	94.5	103.4	72.4	71.6	95.6	107.8	69.1	4.9	104.8
Batys Kazakhstan	103.9	96.8	80.8	156.0	93.7	107.2	75.0	5.0	106.3
Zhambyl	103.3	105.1	114.6	92.4	96.2	107.3	109.5	4.9	123.5
Karagandy	101.2	106.0	84.9	86.6	99.6	107.7	115.5	4.6	118.3
Kostanai	107.8	120.9	113.6	99.3	100.2	107.2	132.0	4.9	117.4
Kyzylorda	87.1	102.1	74.2	82.0	100.8	107.2	97.2	4.9	117.2
Mangystau	94.1	95.8	103.8	97.6	98.2	107.9	111.8	4.9	108.0
Pavlodar	101.2	107.4	98.3	79.0	99.5	107.9	107.6	4.8	116.7
Soltustik Kazakhstan	105.1	101.0	122.3	116.6	81.3	107.2	110.1	5.0	120.9
Turkistan	96.1	105.7	159.9	97.0	96.0	108.0	105.1	5.2	128.2
Shygyz Kazakhstan	101.1	102.6	114.4	97.8	100.4	107.3	121.1	4.9	117.3
Nur-Sultan city	102.8	83.7	122.5	91.4	100.5	107.7	102.8	4.6	113.4
Almaty city	105.2	87.2	117.9	98.0	94.6	107.2	105.4	5.2	110.6
Shymkent city	99.1	104.4	141.0	105.0	107.4	107.1	105.2	5.1	117.8

* Taking into account volumes (88.7%) undistributed between areas.

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

	2016	2017	2018	2019	2020
Total population size, end of the year, thousand persons	17 918.2	18 157.3	18 395.6	18 631.8	18 879.6
of which:					
urban	10 331.5	10 509.8	10 698.2	10 938.7	11 151.4
rural	7 586.7	7 647.5	7 697.4	7 693.1	7 728.2
Out of total population at the age:					
under working age	5 184.0	5 340.7	5 493.0	5 636.8	5 789.5
of working age	10 758.6	10 762.0	10 759.9	10 874.7	11 009.4
over working age	1 975.6	2 054.7	2 142.7	2 120.4	2 080.6
Life expectancy at birth, years:					
total population	72.41	72.95	73.15	73.18	71.37
males	67.99	68.72	68.84	68.82	67.09
females	76.61	76.92	77.19	77.30	75.53
Per 1000 population:					
births	22.52	21.64	21.77	21.73	22.76

Continuation

	2016	2017	2018	2019	2020
deaths	7.37	7.15	7.14	7.19	8.60
the deceased children under 1 year (per 1000 births)	8.59	7.93	8.03	8.37	14.16
Natural increase	15.15	14.48	14.63	14.54	6.87
Number of marriages	7.96	7.86	7.54	7.54	2.56
Number of divorces	2.92	3.03	3.00	3.23	7.77
Migration growth of population	-21.0	-22.0	-29.1	-33.0	-17.7

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						
2016	400.7	131.2	269.5	22.52	7.37	15.15
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
Urban population						
2016	229.7	78.0	151.7	22.65	7.69	14.96
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
Rural population						
2016	171.0	53.2	117.8	22.34	6.96	15.39
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

2.3 Age-specific birth rates

	2016	2017	2018	2019	2020
Average annual live – births per 1000 females at the age of, years:					
15-19	28.13	24.93	24.28	23.20	22.92
20-24	162.32	159.04	160.62	166.31	170.39
25-29	162.00	159.38	161.41	172.71	186.88
30-34	119.67	118.21	125.05	124.23	136.86
35-39	68.65	69.18	72.39	74.50	84.44
40-44	17.17	17.96	18.71	20.28	22.92
45-49	0.88	0.90	0.91	1.03	1.15
15-49	88.13	85.93	87.64	88.63	93.94
Total birth rate	2.77	2.75	2.82	2.89	3.13

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

	2016	2017	2018	2019	2020
Total, thousand	400.7	390.3	397.9	402.3	426.8
of which by women given birth to the third or more child, thousand	146.0	158.4	169.2	184.5	207.1
in total number of births, percent	36.4	40.6	42.5	42.5	48.5

2.5 Life expectancy at birth

years

	2016	2017	2018	2019	2020
Both sexes	72.41	72.95	73.15	73.18	71.37
Males	67.99	68.72	68.84	68.82	67.09
Females	76.61	76.92	77.19	77.30	75.53

2.6 Number of extramarital births

	2016	2017	2018	2019	2020
Thousand persons					
Total population	53.4	50.7	49.5	48.8	52.0
urban population	30.8	30.6	30.1	30.5	32.2
rural population	22.6	20.1	19.4	18.3	19.8
Percent of total live births					
Total population	13.3	12.96	12.46	12.14	12.18
urban population	13.4	13.38	12.87	12.74	12.88
rural population	13.2	12.37	11.87	11.26	11.20

2.7 Age-specific death rates

deaths per 1000 population of the corresponding age group

	2016	2017	2018	2019	2020
Total deaths of males	8.26	7.92	7.96	8.05	9.55
of which at the age of, years:					
under 1 year	9.50	8.74	9.25	9.37	8.89
1-4	0.67	0.62	0.61	0.69	0.53
5-9	0.34	0.31	0.33	0.34	0.26
10-14	0.38	0.35	0.37	0.36	0.31
15-19	0.82	0.78	0.82	0.75	0.69
20-24	1.26	1.31	1.27	1.28	1.15
25-29	1.93	1.73	1.68	1.59	1.45
30-34	2.81	2.62	2.51	2.52	2.50
35-39	4.61	4.15	3.86	3.95	3.91
40-44	6.32	5.76	5.64	5.93	6.48
45-49	7.95	7.78	7.64	8.04	8.93
50-54	11.91	10.83	10.90	10.90	12.70
55-59	17.72	16.38	16.65	16.30	19.24
60-64	27.58	26.47	25.98	26.16	31.20
65-69	42.40	40.25	40.67	39.53	48.11

Continuation

	2016	2017	2018	2019	2020
70-74	58.33	56.42	53.47	55.53	74.42
75-79	87.38	86.12	84.30	83.00	103.19
80-84	127.33	121.75	122.89	124.29	157.82
85 and older	197.16	184.02	185.58	180.15	222.89
Total deaths of females	6.55	6.44	6.38	6.38	7.71
of which at the age of, years:					
under 1 year	7.61	7.06	6.74	7.3	7.04
1-4	0.48	0.52	0.45	0.5	0.40
5-9	0.22	0.25	0.2	0.21	0.18
10-14	0.22	0.24	0.2	0.21	0.18
15-19	0.42	0.43	0.4	0.42	0.36
20-24	0.51	0.52	0.48	0.52	0.50
25-29	0.65	0.62	0.6	0.57	0.58
30-34	1.08	0.96	0.85	0.88	0.95
35-39	1.64	1.6	1.54	1.46	1.55
40-44	2.29	2.23	2.1	2.17	2.45
45-49	3.16	3.08	3.2	3.13	3.76
50-54	4.47	4.33	4.35	4.11	5.44
55-59	6.91	6.74	6.82	6.39	8.10
60-64	11.42	10.68	10.7	10.59	13.65
65-69	18.57	17.7	17.24	17.08	21.50
70-74	28.97	27.23	26.83	27.41	34.81
75-79	52.34	51.45	50.05	49.37	59.79
80-84	92.18	87.3	85.63	86.31	104.66
85 and older	199.64	201.53	198.65	195.57	216.07

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

	2016	2017	2018	2019	2020
Thousand					
Marriages	141.7	141.8	137.8	139.5	128.8
Divorces	52.0	54.6	54.8	59.8	48.0
Per 1000 population					
Marriages	7.96	7.86	7.54	7.54	6.87
Divorces	2.92	3.03	3.00	3.23	2.56

2.9 International migration

persons

	2016			2017		
	immigrants	emigrants	balance	immigrants	emigrants	balance
Total	13 755	34 900	-21 145	15 595	37 725	-22 130
of which:						
to the CIS countries	10 644	31 238	-20 594	11 292	33 718	-22 426
Azerbaijan	186	37	149	194	24	170

Continuation

	2016			2017		
	immigrants	emigrants	balance	immigrants	emigrants	balance
Armenia	101	2	99	70	1	69
Belarus	155	399	-244	123	289	-166
Kyrgyzstan	590	144	446	662	195	467
Moldova	13	5	8	7	9	-2
Russia	3 723	30 277	-26 554	4 346	32 874	-28 528
Tajikistan	185	45	140	245	20	225
Turkmenistan	387	3	384	382	2	380
Uzbekistan	5 028	208	4 820	4 972	197	4 775
Ukraine	276	118	158	291	107	184
to the non - CIS countries	3 111	3 662	-551	4 303	4 007	296
Germany	214	2 679	-2 465	225	2 966	-2 741
Georgia	65	8	57	69	3	66
Israel	14	125	-111	19	124	-105
Canada	20	179	-159	34	126	-92
Mongolia	273	16	257	293	8	285
Turkey	98	42	56	102	57	45
USA	40	232	-192	101	285	-184
Greece	16	20	-4	12	11	1
Latvia	1	4	-3	3	6	-3
Lithuania	4	6	-2	11	5	6
Estonia	0	2	-2	2	1	1
Other countries	2 366	351	2 017	3 432	415	3 017

Continuation

	2018			2019		
	immigrants	emigrants	balance	immigrants	emigrants	balance
Total	12 747	41 868	-29 121	12 255	45 225	-32 970
of which:						
to the CIS countries	10 055	37 736	-27 681	9 401	40 927	-31 526
Azerbaijan	269	28	241	199	39	160
Armenia	72	4	68	34	6	28
Belarus	113	343	-230	75	355	-280
Kyrgyzstan	497	204	293	374	177	197
Moldova	13	14	-1	15	6	9
Russia	3 901	36 778	-32 877	3 378	39 774	-36 396
Tajikistan	233	10	223	172	5	167
Turkmenistan	366	1	365	879	44	835
Uzbekistan	4 385	245	4 140	4 174	440	3 734
Ukraine	206	109	97	101	81	20
to the non - CIS countries	2 692	4 132	-1 440	2 854	4 298	-1 444
Germany	213	2 685	-2 472	230	2 803	-2 573
Georgia	50	9	41	43	3	40
Israel	25	137	-112	12	150	-138
Canada	16	128	-112	18	82	-64
Mongolia	255	16	239	270	11	259
Turkey	143	52	91	136	83	53

Continuation

	2018			2019		
	immigrants	emigrants	balance	immigrants	emigrants	balance
USA	106	338	-232	83	273	-190
Greece	6	10	-4	3	5	-2
Latvia	4	1	3	0	3	-3
Lithuania	1	7	-6	5	2	3
Estonia	0	2	-2	1	1	0
Other countries	1 873	747	1 126	2053	882	1171

Continuation

	2020		
	immigrants	emigrants	balance
Total	11 370	29 088	-17 718
of which:			
to the CIS countries	8 277	25 747	-17 470
Azerbaijan	176	32	144
Armenia	23	2	21
Belarus	42	234	-192
Kyrgyzstan	465	85	380
Moldova	9	3	6
Russia	3 599	25 126	-21 527
Tajikistan	150	2	148
Turkmenistan	1 189	-	1 189
Uzbekistan	2 554	192	2 362
Ukraine	70	71	-1
to the non - CIS countries	3 093	3 341	-248
Germany	175	2 249	-2 074
Georgia	99	8	91
Israel	9	61	-52
Canada	21	111	-90
Mongolia	147	3	144
Turkey	312	53	259
USA	72	247	-175
Greece	3	9	-6
Latvia	-	-	-
Lithuania	-	-	-
Estonia	-	-	-
Other countries	2 255	600	1 655

2.10 Migrants by nationality in 2020

persons

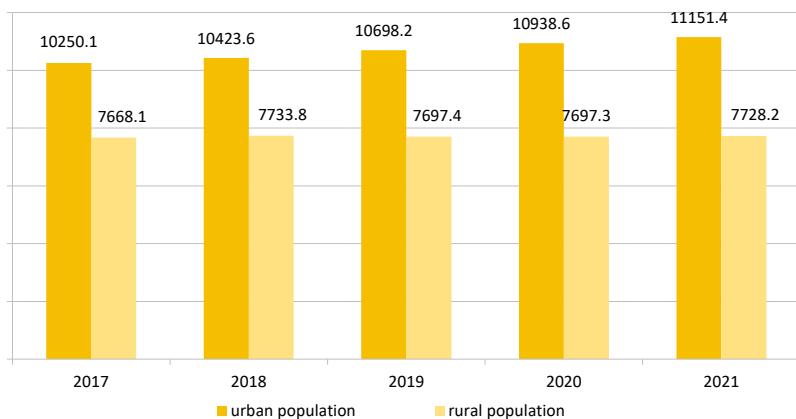
	Immigration	Emigration	Balance	In percent	
				immigration	emigration
Total	856 570	874 288	-17 718	100.0	100.0
of which:					
Kazakhs	715 072	710 852	4 220	83.5	81.3
Russians	62 208	79 871	-17 663	7.3	9.1

Continuation

	Immigration	Emigration	Balance	In percent	
				immigration	emigration
Ukrainians	8 569	10 432	-1 863	1.0	1.2
Germans	5 621	7 897	-2 276	0.7	0.9
Belarusians	1 657	1 968	-311	0.2	0.2
Koreans	4 275	4 315	-40	0.5	0.5
Other nationalities	59 168	58 953	215	6.9	6.7
Internal migration	845 200	845 200	0	100.0	100.0
of which:					
Kazakhs	709 543	709 543	0	83.9	83.9
Russians	59 566	59 566	0	7.0	7.0
Ukrainians	8 338	8 338	0	1.0	1.0
Germans	5 417	5 417	0	0.6	0.6
Belarusians	1 613	1 613	0	0.2	0.2
Koreans	4 132	4 132	0	0.5	0.5
Other nationalities	56 591	56 591	0	6.7	6.7
Migration to the CIS countries	8 277	25 747	-17 470	100.0	100.0
of which:					
Kazakhs	3 460	911	2 549	41.8	3.5
Russians	2 492	19 297	-16 805	30.1	74.9
Ukrainians	211	1 954	-1 743	2.5	7.6
Germans	134	1 177	-1 043	1.6	4.6
Belarusians	44	333	-289	0.5	1.3
Koreans	92	152	-60	1.1	0.6
Other nationalities	1 844	1 923	-17 391	22.3	7.5
Migration to the non - CIS countries	3 093	3 341	-248	100.0	100.0
of which:					
Kazakhs	2 069	398	1 671	66.9	11.9
Russians	150	1 008	-858	4.8	30.2
Ukrainians	20	140	-120	0.6	4.2
Germans	70	1 303	-1 233	2.3	39.0
Belarusians	0	22	-22	0.0	0.7
Koreans	51	31	20	1.6	0.9
Other nationalities	733	439	-542	23.7	13.1

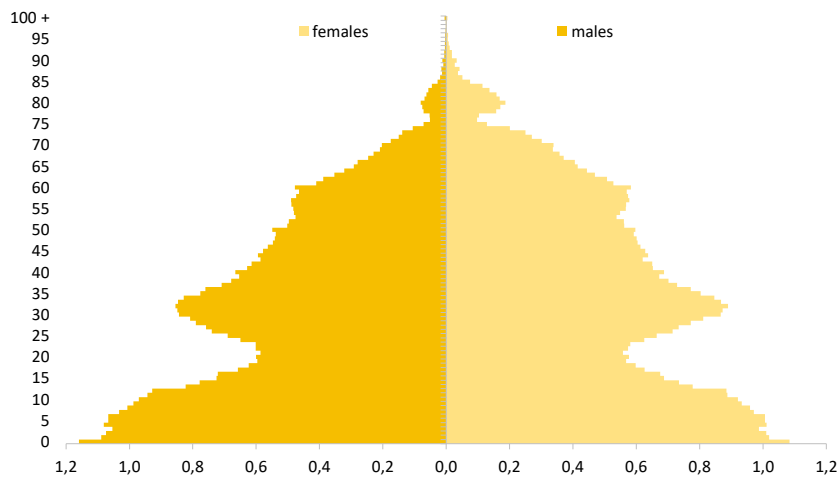
Population size

at the beginning of the year, thousand



Population pyramid

as of January 1. 2021, percent





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

	2016	2017	2018	2019	2020
Number of physicians of all specialities:					
thousand persons	74.6	72.1	72.9	74.0	76.4
per 10 000 population	41.6	39.7	39.6	39.7	40.5
Number of paramedical personnel:					
thousand persons	170.8	175.2	175.7	179.8	185.8
per 10 000 population	95.3	96.5	95.5	96.5	98.4
Number of hospitals	877	853	788	749	773
Number of hospital beds, thousand	100.1	99.5	96.2	96.3	127.5
per 10 000 population	55.9	54.8	52.3	51.7	67.9
Number of medical institutions rendering out-patient and dispensary aid to the population	3 126	3 273	3 237	3 213	3 169
Number of female's (women's) consultation divisions	131	145	181	197	236
Number of beds for pregnant women and women in childbirth, thousand	8.7	8.4	8.5	8.5	8.2
Number of hospital beds for sick children, thousand	18.7	18.5	18.7	19.4	20.9

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

2.12 Morbidity with active tuberculosis

	2016	2017	2018	2019	2020
Number of sick persons with the diagnosis set for the first time					
total, thousand persons	9.4	9.4	8.8	8.4	6.7
per 100 000 population	52.7	52.2	48.2	45.6	35.7
of which with the tuberculosis of respiratory organs					
total, thousand persons	8.2	8.1	7.7	7.3	5.8
per 100 000 population	46.0	45.1	42.2	39.6	31.1
Number of patients under surveillance of diseases in prevention institution					
total, thousand persons	17.5	16.2	14.7	13.9	11.4
per 100 000 population	98.1	89.7	80.4	75.0	60.8

2.13 Morbidity caused by alcoholism and drug addiction

per 100 000 population

	2016	2017	2018	2019	2020
Number of sick persons with the diagnosis set for the first time, persons:					
psychic and behavioural dysfunctions caused by use of psychoactive substances, total	156.6	109.2	105.3	86.2	75.7
of which:					
psychic and behavioural dysfunctions caused by use of alcohol	130.6	86.6	84.4	69.4	62.3
psychic and behavioural dysfunctions caused by use of opioids	4.2	3.6	3.0	2.4	1.8
psychic and behavioural dysfunctions caused by use of cannabinoids (hemp)	17.8	14.7	13.5	9.9	8.0
psychic and behavioural dysfunctions caused by use of volatile solvents	0.3	0.4	0.2	0.4	0.3
Number of patients under surveillance of disease in prevention institutions:					
psychic and behavioural dysfunctions caused by use of psychoactive substances, total	872.3	753.1	685.8	656.6	611.5
of which:					
psychic and behavioural dysfunctions caused by use of alcohol	718.4	614.3	560.7	537.4	503.4
psychic and behavioural dysfunctions caused by use of opioids	70.9	63.5	53.8	48.4	42.5
psychic and behavioural dysfunctions caused by use of cannabinoids (hemp)	54.6	47.0	42.5	41.6	36.8
psychic and behavioural dysfunctions caused by use of volatile solvents	-	1.4	1.2	1.2	1.1

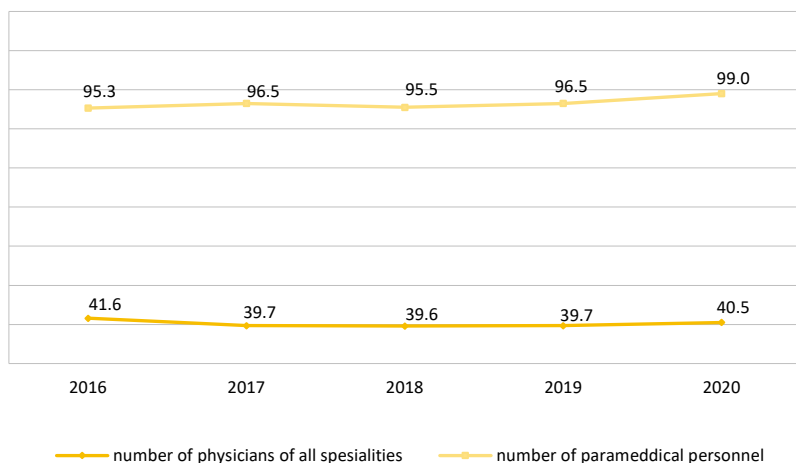
2.14 Nursing and care houses for disabled and aged people

end of the year

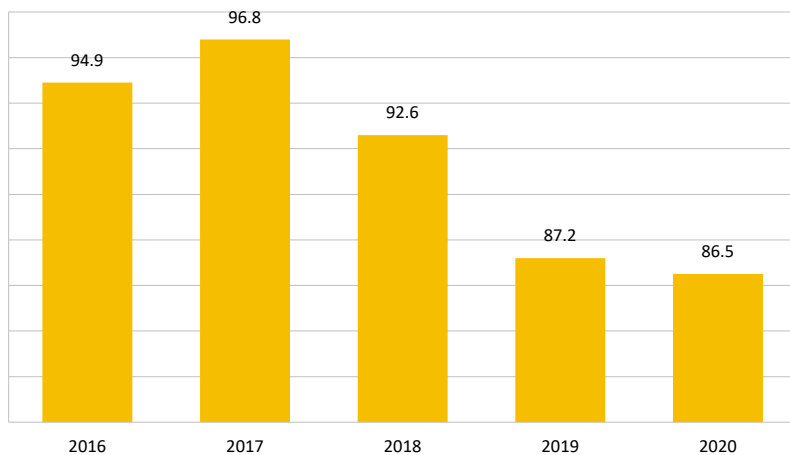
	2016	2017	2018	2019	2020
Number of nursing and care houses for aged people and disabled persons-adults	94	99	99	103	103
in them:					
number of places, thousand	19.6	20.1	20.7	21.5	21.3
number of residents, thousand persons	18.8	19.2	19.7	20.0	20.5
Number of nursing and care houses for children recognized as disabled	25	22	23	23	21
in them:					
number of places, thousand	3.0	2.6	2.7	2.7	2.6
number of residents, thousand persons	2.3	2.1	2.1	2.0	1.8
Total number of places at care houses for aged and disabled people, thousand	22.6	22.7	23.4	24.2	23.9

Number of physicians of all specialties and paramedical personnel

per 10 000 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

	2016	2017	2018	2019	2020
Number of state pre-school organizations (at the end of the year)	7 074	6 770	6 565	6 284	6 080
children in them, thousand pupils ¹⁾	605.7	604.2	573.5	541.1	505.6
as percent of the number of children of the corresponding age	26.7	26.2	24.7	23.1	16.0
Share of children attending pre-school institutions in total number of children (children per 100 places)	106.1	96.1	105.9	90.2	89.6
Number of state general education day-time schools (at the beginning of the year) ²⁾	7 100	7 047	7 014	6 975	6 957
enrollment, thousand pupils ¹⁾	2 855.8	2 972.3	3 105.3	3 242.3	3 368.7
Number of state evening (multiple shift) general education schools	77	75	74	69	70
enrollment, thousand pupils ¹⁾	12.8	11.7	10.3	10.0	9.2
Number of state colleges	455	454	451	427	424
enrollment:					
thousand persons	280.9	281.9	281.8	274.7	269.9
per 10000 population	156.8	155.3	153.2	147.4	143.0
Pupils admitted to the state colleges, thousand persons	95.0	101.2	98.4	91.2	94.0
Graduates of state colleges:					
thousand pupils	86.8	85.4	85.2	86.1	85.6
per 10000 population	48.4	47.0	46.3	46.2	45.4
Number of state higher education institutions	47	47	45	41	33
enrollment of students:					
thousand persons	217.2	227.7	245.9	241.1	180.5
per 10000 population	121.2	125.4	133.7	129.4	95.6

Continuation

	2016	2017	2018	2019	2020
Students admitted to the state higher education institutions, thousand persons	66.8	68.00	82.2	71.6	47.1
Graduates of state higher education institutions:					
thousand pupils	53.2	51.2	52.2	51.9	40.5
per 10000 population	29.7	28.2	28.4	27.8	21.5

¹⁾ There and further data of Ministry education and science 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

	2016	2017	2018	2019	2020
Number of pre-school organisations	9 410	9 828	10 314	10 583	10 650
of which:					
in urban settlements	3 261	3 672	4 057	4 265	4 322
in rural areas	6 149	6 156	6 257	6 318	6 328
Number of children at pre-school organisations, thousand persons	807.2	862.3	880.9	892.2	885.0
of which:					
in urban settlements	466.1	507.2	515.9	522.3	510.1
in rural areas	341.1	355.1	365.0	369.9	374.9
Number of children involved in pre-school training	356 219	386 431	461 076	349 325	335 322
of which:					
at pre-school organizations ²⁾	139 896	150 785	224 774	131 468	146 336
at pre-school classes of general education schools	216 323	235 646	236 302	217 857	188 986
Gross enrollment rate for children at pre-school training, in percent	51.27	53.92	49.88	53.11	51.83

2.17 General education schools

at the beginning of the academic year

	2016/2017		
	total	of which	
		in urban settlements	in rural areas
Number of state general education schools	7 100	1 682	5 418
primary schools	787	35	752
basic schools	1 040	74	966
secondary (comprehensive) schools	5 273	1 573	3 700
schools for children with mental and physical deficiency	97	86	11
Advanced education schools	1 669	869	800
of which:			
gymnasiums	121	101	20
lyceums	88	79	9
Enrollment, thousand persons	2 855. 8	1 498.2	1 357.6
of which:			
1-4 grades - total	1 336.1	719.1	617

Continuation

	2016/2017		
	total	of which	
		in urban settlements	in rural areas
5-9 grades - total	1 249.3	650.5	598.8
10-11 (12) grades - total	270.4	204.7	65.7
at schools for children with mental and physical deficiency	14.2	13.3	0.9
Number of teachers, thousand persons	274.8	109.6	165.2
Nonpublic general education schools			
number of schools	112	108	4
enrollment, thousand persons	22.2	21.6	0.6
number of teachers, thousand persons	2.7	2.6	0.08

Continuation

	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
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

Continuation

	2018/2019		
	total	of which	
		in urban settlements	in rural areas
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
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

2.18 Evening general education schools

at the beginning of the academic year

	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Number of independent schools - total	77	75	74	69	70
enrollment (including correspondence), thousand pupils	12.8	11.7	10.3	10.0	9.2
of which in 10-12 grades	8.8	10.3	9.3	7.0	6.7
Number of teaches, thousand	0.9	0.9	0.9	0.8	0.8

2.19 Graduates of general education schools

thousand pupils

	2016	2017	2018	2019	2020
Graduates of primary school	241	230.6	235.4	249.7	264.5
of which:					
day-time*	240	299.9	234.7	249.1	263.9
evening	0.6	0.7	0.68	0.5	0.5
Graduates of secondary school	127.3	127.4	143	117.2	140.6
of which:					
day-time*	123.6	122.5	138.2	113.6	135.9
evening	3.7	4.9	4.8	3.6	4.6

* Data on the general education schools.

2.20 Higher education institutions

at the beginning of the academic year

	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Number of higher education institutions	125	122	124	125	125
Enrolment in them, thousand persons*	477.1	496.2	542.5	604.3	576.6
of which in departments:					
day-time	370.8	378.1	399.4	481.0	478.6
evening	34.5	33.6	40.2	33.4	11.6
correspondence	71.8	84.5	102.8	89.9	42.3
Out of the total number of higher education institutions of the private ones:					
enrollment in them, thousand persons*	78	75	79	84	92
of which in departments:					
day-time	194.9	194.1	205.5	286.6	323.4
evening	27.6	26.9	33.3	30.0	10.0
correspondence	37.3	47.5	58.2	46.6	27.0

* Excluding master students.

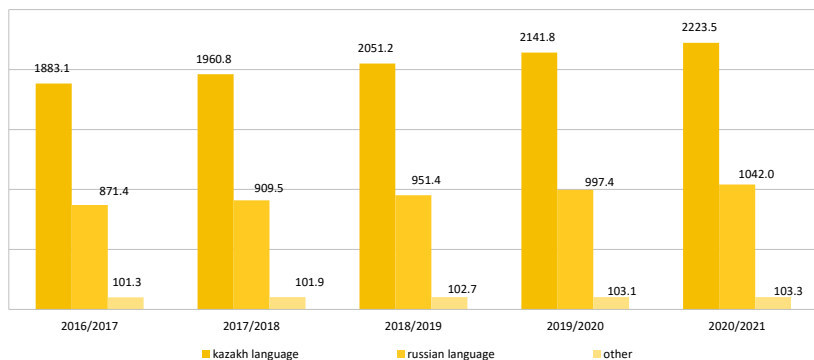
2.21 Graduates of higher education institutions and specialized secondary schools by types of tuition

thousand persons

	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Graduates of higher education institutions – total	138.0	127.1	130.7	142.4	153.6
of which in departments:					
day-time	87.3	82.8	82.2	85.9	90.7
evening	9.0	13.1	12.0	15.1	15.9
correspondence	41.7	31.2	36.5	41.4	46.9

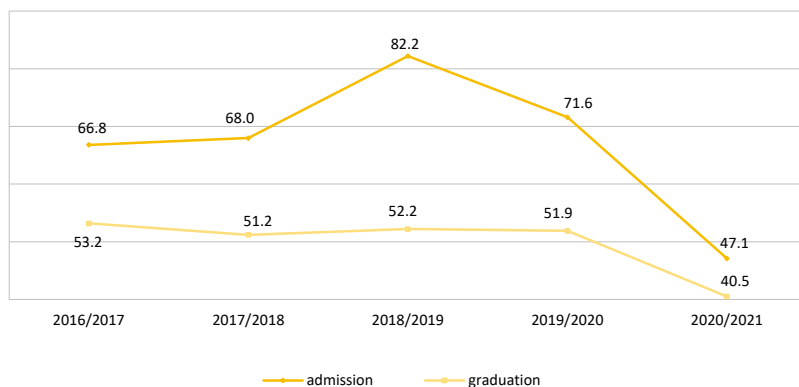
Number of pupils in general education schools by the language of tuition

at the beginning of the academic year, thousand persons



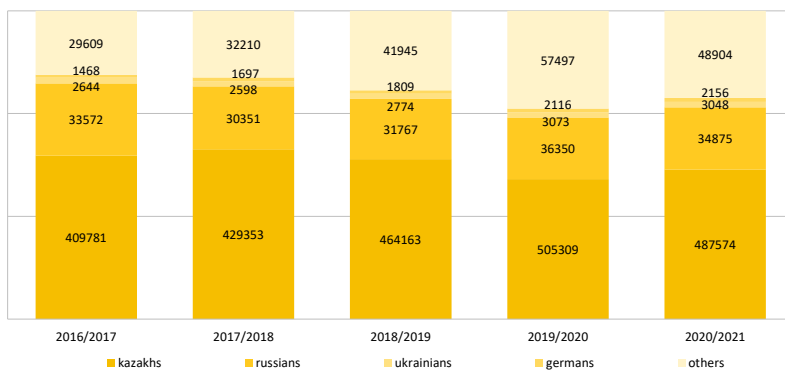
Students admitted or graduated from higher education institutions

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

	2016	2017	2018	2019	2020
Number of fixed telephone lines for 100 person, units	22	20	18	17	16
Number of mobile phone service subscribers for 100 person, units	143	148	143	139	130
Number of subscribers for Internet for 100 person, units	13	14	13	14	14
Index of Internet service tariffs for households (to the previous year), percent	99.9	100.0	100.8	103.3	102.5
Index of Internet service tariffs for enterprises (at the end of the period to December of the previous year), percent	95.3	99.8	98.5	100.1	99.7
broadband	95.1	99.8	100.0	100.1	99.5
dial-up	100.1	100.0	99.9	100.0	100.0

2.23 Level of users' computer literacy in 2020

percent

	Total	Of which	
		male	female
Beginner	100.0	48.3	51.7
Regular user	100.0	47.9	52.1
Experienced user	100.0	53.9	46.1

2.24 Level of ICT uses at enterprises

percent

	2016	2017	2018	2019	2020
Share of enterprises possessing PCs	75.6	72.6	79.0	83.9	84.8
Share of enterprises with an access to Internet	71.0	69.3	76.2	81.1	82.3
Share of enterprises possessing a web-site	19.7	22.6	23.2	19.9	18.8
Share of enterprises with Intranet	27.8	31.6	33.8	-	-
Share of enterprises taking orders by Internet	4.0	1.5	1.6	5.0	6.9
Share of enterprises giving orders by Internet	6.1	6.1	4.6	7.7	7.4
Share of enterprises with local network	32.7	30.2	28.8	-	-
Share of enterprises with Extranet	3.7	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

	2016	2017	2018	2019	2020
Theatres, units	64	68	68	65	65
Performances, units	13 743	16 037	16 616	16 579	6 381
Annual attendance, thousand persons	2 341.4	2 771.0	2 833.6	2 942.1	894.0
Libraries, units	4 118	4 100	4 054	3 962	3925
Library stock, thousand	118 961.8	114 072.0	112 499.4	112 103	112 043.2
Registered readers, thousand persons	5 000.8	5 149.3	5 263.8	5 401.3	4232
Museums, units	238	240	245	250	253
Annual attendance, thousand persons	5 894.7	6 450.2	6 716.0	6 829.3	2 351.3
Zoo, units*	8	20	20	18	16
Annual attendance, thousand persons	1 270.9	1 706.1	1 704.7	1 749.0	604.0

* Taking into account the petting zoo.

2.26 Movie projectors

	2016	2017	2018	2019	2020
Number of movie projectors, units	359	400	405	451	414
Number of cinemas, units	94	96	96	101	99
Number of cinema attendance, million persons	14.5	17.6	17.8	19.9	4.8



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

	2016	2017	2018	2019	2020
Total crimes recorded	361.7	316.4	292.3	243.5	162.9
among which:					
felonious homicide and homicide attempt	0.9	0.9	0.9	0.8	0.8
intentional heavy injury	2.2	2.1	2.2	2.1	1.9
rape	1.6	1.3	1.1	1.1	0.6
robbery	0.8	0.7	0.6	0.5	0.2
larceny	11.0	9.5	8.1	6.3	3.2
thefts	215.6	193.2	180.2	139.1	67.1
disorderly conduct	13.8	10.4	8.0	5.8	3.1
drug related offences	8.5	8.2	7.5	6.7	7.7
Total number of offenders	117.7	115.7	108.3	99.5	76.4
of whom at the age of, years:					
14-17	3.3	3.2	3.2	2.8	1.8
18-29	49.9	47.1	44.6	38.9	27.9
30 and older	64.5	65.5	60.5	57.8	46.7
Out of the total number of offenders:					
females	15.9	14.8	13.0	12.1	9.8
workers	7.1	7.0	6.9	5.8	5.4
state employees	1.9	2.0	1.8	1.6	1.3

2.28 Composition of the convicted

percent

	2016	2017	2018	2019	2020
Total number of the convicted	100	100	100	100	100
among whom those under legal age	1.2	1.4	1.3	1.5	1.4
Out of the total number of the convicted:					
females	11.1	10.8	10.2	9.2	9.3
previously convicted	11.5	17.9	22.0	24.8	26.5

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

thousand persons

	2016	2017	2018	2019	2020
Total number of the convicted	30.7	32.0	31.3	27.5	28.6
of them for:					
felonious homicide and homicide attempt	0.7	0.8	0.7	0.7	0.6
intentional heavy harm for health	2.1	2.1	2.0	2.2	1.9
rape	0.3	0.3	0.2	0.2	0.2
robbery	0.7	0.6	0.6	0.5	0.3
larceny	2.8	2.9	2.6	2.1	1.4
thefts	4.0	5.3	4.7	4.6	7.3
drug related offences	4.6	4.8	5.1	4.1	4.7
disorderly conduct	0.8	0.6	0.6	0.6	0.4

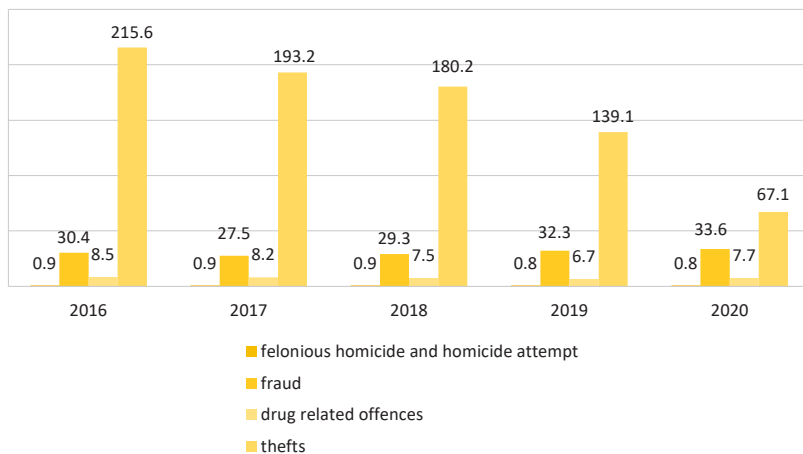
2.30 Distribution of the convicted by major penalties prescribed by court

percent

	2016	2017	2018	2019	2020
Total number of the convicted	100.0	100.0	100.0	100.0	100.0
of them to:					
imprisonment	26.4	27.1	23.8	24.9	29.5
imprisonment with suspended sentence	0.5	0.4	0.6	0.4	0.4
corrective labour without imprisonment	0.2	0.1	0.1	0.1	0.04
suspended imprisonment or corrective labour	9.3	8.9	8.5	6.7	4.8
fine	18.1	12.1	15.7	14.9	10.8
other penalties	45.5	51.4	51.3	53.0	54.5

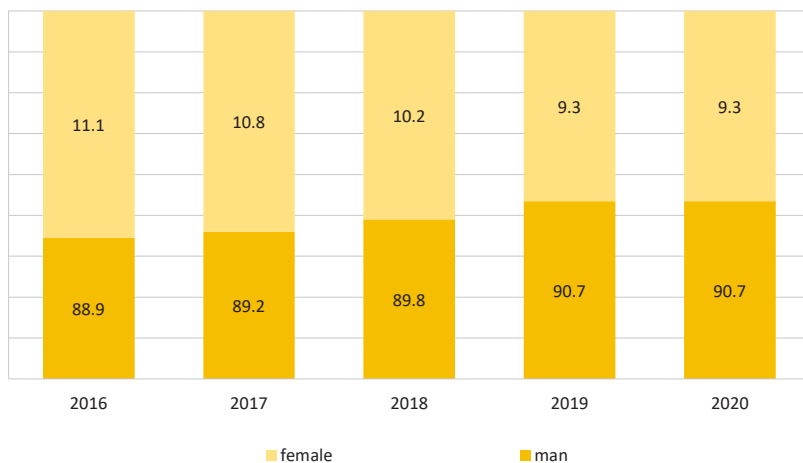
Number of recorded crimes

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

	2016	2017	2018	2019	2020
Tenge					
Nominal average monthly salary					
in national currency	142 898	150 827	162 673	186 815	213 003
in US dollars	418	463	472	488	515
Cost of living size on average per year, per capita	21 612	23 783	27 072	29 342	33 015
Average fixed scale of pension, at the end of year*	42 476	50 850	54 387	57 622	63 937
Average nominal cashes of population per capita, tenge per month	76 575	83 710	93 135	104 282	116 126

Continuation

	2016	2017	2018	2019	2020
Unit weight of the earned incomes in money income of population, in percents	78.3	76.3	74.2	72.3	67.0
Minimum size of salaries	22 859	24 459	28 284	42 500	42500
Minimum size of retirement pension	25 824	31 245	33 745	36 108	40441
Coefficient Gini (by 10 percent groups of population)	0.278	0.287	0.289	0.290	0.291
As percent of the previous year					
Average monthly nominal salary of one employee	113.4	105.5	107.9	114.8	114.0
Real accrued salaries	98.9	98.3	101.7	109.0	106.8
Index of real monetary income	99.3	101.8	105.0	106.4	104.3
Real fixed scale of pension	95.2	111.5	100.9	100.6	103.9
Consumer price index	114.6	107.4	106.0	105.3	106.8

* 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

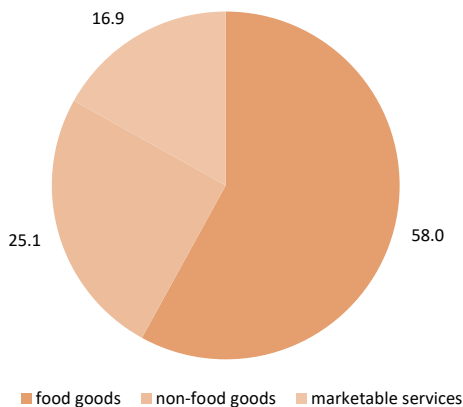
	2016	2017	2018	2019	2020
All households					
Money income - total	100.0	100.0	100.0	100.0	100.0
among which:					
income from labour activity	78.3	76.3	74.2	72.3	67.0
Money expenditures - total	100.0	100.0	100.0	100.0	100.0
of which:					
consumer expenditures	92.8	92.6	93.0	92.9	92.9
food products	45.8	46.6	48.5	50.0	53.9
non-food products	25.2	24.7	23.5	22.9	23.3
marketable services	21.8	21.3	21.0	20.0	15.7
taxes, duties, payments	0.2	0.2	0.2	0.2	0.2
other money expenditures	7.0	7.2	6.8	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	79.0	76.7	74.0	72.2	66.6
Money expenditures - total	100.0	100.0	100.0	100.0	100.0
of which:					
consumer expenditures	92.9	92.4	92.8	92.8	92.4
food products	44.4	45.1	46.7	48.4	52.3
non-food products	23.7	23.2	22.3	22.0	22.7
marketable services	24.8	24.1	23.8	22.4	17.4
taxes, duties, payments	0.2	0.2	0.2	0.2	0.2
other money expenditures	6.9	7.4	7.0	7.0	7.4
Households in rural area					
Money income - total	100.0	100.0	100.0	100.0	100.0
among which:					
income from labour activity	76.9	75.6	74.7	72.7	67.8
Money expenditures - total	100.0	100.0	100.0	100.0	100.0
of which:					
consumer expenditures	92.6	92.9	93.5	93.0	93.7
food products	48.6	49.5	52.1	52.8	56.8

Continuation

	2016	2017	2018	2019	2020
non-food products	28.1	27.6	26.0	25.0	24.6
marketable services	15.9	15.8	15.4	15.2	12.3
taxes, duties, payments	0.2	0.2	0.2	0.1	0.1
other money expenditures	7.2	6.9	6.3	6.9	6.2

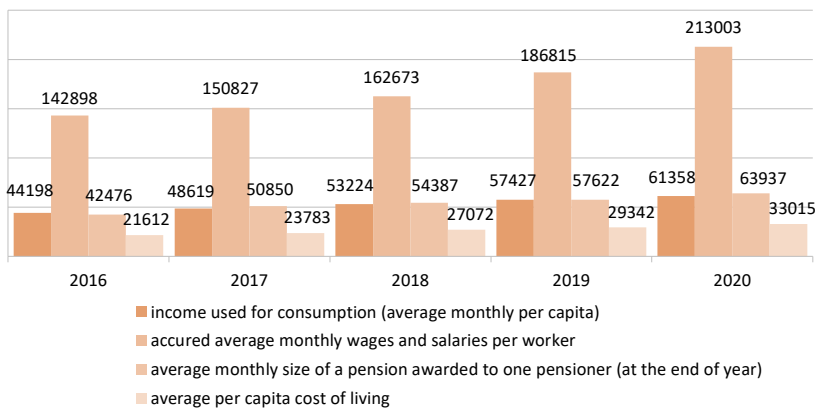
Structure of consumer expenditures of households in 2020

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.

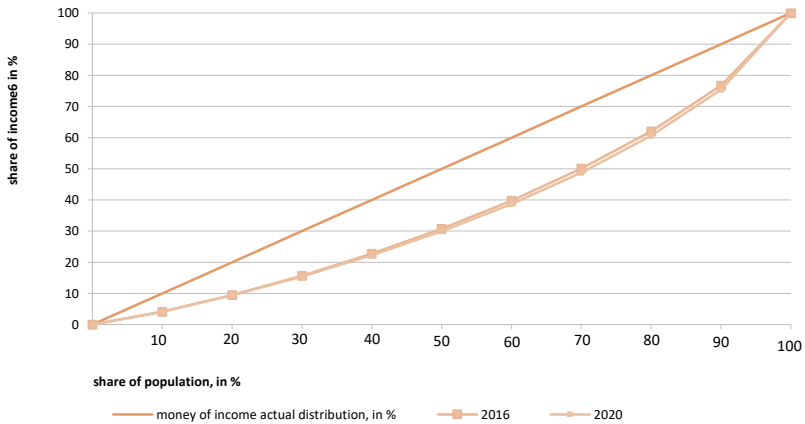
3.3 Main indicators of inequality of the income distribution¹⁾

	percent				
	2016	2017	2018	2019	2020
Proportion of population with incomes below the living wageminimum ²⁾	2.5	2.7	4.3	4.3	5.3
Proportion of population with incomes below the food basket cost ²⁾	0.1	0.1	0.1	0.1	0.2
Poverty gap	0.4	0.4	0.7	0.7	0.8
Poverty acuteness	0.1	0.1	0.2	0.2	0.2
Coefficient of funds by 10% groups	5.6	5.9	6.0	6.0	5.9
Gini coefficient of 10% groups	0.278	0.287	0.289	0.290	0.291

¹⁾ Households' income used for consumption.

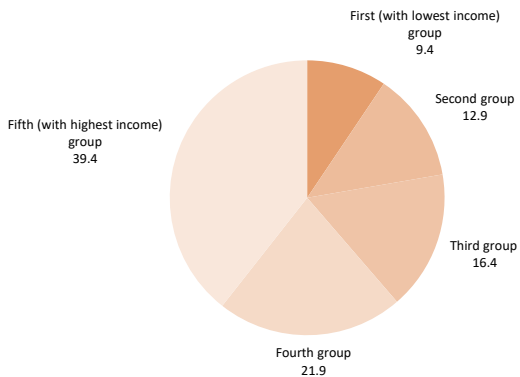
²⁾ Obtained data are based on the income equivalence scale.

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 2020

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

	2016	2017	2018	2019	2020
Total average housing provided to the population per inhabitant, square meter of total area	21.4	21.6	21.9	22.2	22.6
of which:					
urban area	24.0	24.1	24.2	24.7	25.0
rural area	18.0	18.2	18.6	18.9	19.3
Provision of municipal housing stock with utilities, percent					
water-supply	98.5	98.4	98.3	98.2	98.2
sewerage	66.6	68.4	69.7	70.4	71.4
central heating	40.7	40.6	41.1	41.5	42.1
bathrooms	42.4	42.0	42.4	42.4	42.6
gas	87.8	87.7	87.7	87.3	87.0
hot water	36.4	35.9	36.1	36.2	36.6
floor electric cookers	10.4	10.6	10.7	11.4	11.6

3.5 Statistics of housing

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

	2016	2017	2018	2019	2020
Total housing stock	342.6	347.4	356.4	364.3	373.3
of which:					
private	334.5	339.9	348.7	356.4	365.4
state	8.1	7.5	7.7	7.9	7.9
Urban housing stock – total	216.1	219.1	226.1	231.4	238.8
of which:					
private	209.4	213.1	220.0	225.1	232.5
state	6.7	6.0	6.1	6.3	6.3
Rural housing stock – total	126.5	128.2	130.3	132.9	134.5
of which:					
private	125.1	126.8	128.7	131.3	132.9
state	1.4	1.4	1.6	1.6	1.6

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-em-

ployment 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

	2016	2017	2018	2019	2020
labor force, thousand persons	8 998.8	9 027.4	9 138.6	9 221.5	9 180.8
Proportion of the labor force in the population, in percent	70.0	69.7	70.0	70.1	69.2
Employed population, thousand persons	8 553.3	8 585.2	8 695.0	8 780.8	8 732.0
Employment rate, as percent:					
of the population aged 15 years and older	66.5	66.3	66.6	66.7	65.9
of the economically active population	95.0	95.1	95.1	95.2	95.1
Employees, thousand persons	6 342.8	6 485.9	6 612.5	6 681.6	6 686.7
share in the total number of the employed population, as percent	74.2	75.5	76.0	76.1	76.6
Self-employed population, thousand persons	2 210.5	2 099.2	2 082.5	2 099.2	2 045.4
share in the total number of the employed population, as percent	25.8	24.5	24.0	23.9	23.4
Unemployed population, thousand persons	445.5	442.3	443.6	440.7	448.8
Unemployment rate, as percent	5.0	4.9	4.9	4.8	4.9
Number of persons registered at employment authorities as unemployed, thousand persons	37.5	70.3	91.6	97.5	141.8
Share of the registered unemployed among the economically active population, as percent	0.4	0.8	1.0	1.1	1.5
Economically inactive population, thousand persons	3 855.0	3 927.3	3 907.3	3 934.0	4 076.8
Economical inactivity rate, as percent	30.0	30.3	30.0	29.9	30.8

4.2 Distribution of persons employed by types of economic activity

thousand persons

	2016	2017	2018	2019	2020
Employed population, total	8 553.3	8 585.2	8 695.0	8 780.8	8 732.0
of which:					
Agriculture, forestry and fishery	1 385.5	1 319.0	1 228.2	1 184.7	1 175.1
Industry	1 087.2	1 090.4	1 097.8	1 094.9	1 089.2
of which:					
mining industry and working out of open-cast mines	277.6	283.7	286.2	279.9	276.9
manufacturing industry	568.2	581.6	580.5	583.6	581.8
electrical supply, giving of gas, steam and air-conditioning	161.2	151.0	150.6	150.2	149.0
water supply; sewer system, the control over gathering and distribution of waste	80.2	74.2	80.4	81.2	81.5
Construction	679.1	614.0	629.1	635.6	630.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	1 305.9	1 334.9	1 396.7	1 431.1	1 421.3
Transportation and warehousing	619.5	608.0	624.7	637.9	617.5
Residing and catering services	170.9	192.0	187.7	196.9	193.7
Information and communication	160.1	156.1	166.5	161.7	159.7
Financial and insurance activities	180.1	175.0	180.3	190.5	189.0
Real estate transactions	114.8	162.5	157.6	154.5	158.4
Professional, scientific and technical activities	240.2	239.1	248.9	256.4	254.7
Activity in the field of administrative and auxiliary service	255.5	279.7	288.3	292.3	285.5
Governance and defence; obligatory social security	472.8	479.3	500.5	495.3	489.3
Education	1 032.8	1 056.1	1 095.8	1 108.7	1 109.5

Continuation

	2016	2017	2018	2019	2020
Health care and social services provision	469.7	482.4	498.8	502.7	512.4
Arts, entertainment and recreation	132.6	133.8	145.6	142.0	138.4
Other services provision	246.7	263.0	248.6	295.8	307.5
Activities of households as employers of domestic staff and producing goods and services for own use	-	-	-	-	-
Activity of extra-territorial organizations	-	-	-	-	-

4.3 Distribution of unemployed persons by sex and education

thousand persons

	2016			2017		
	total	of which		total	of which	
		males	females		males	females
Unemployed population, total	445.5	203.9	241.6	442.3	205.3	237.0
of them those received education:						
higher	124.9	53.2	71.7	117.2	50.0	67.2
incomplete higher	9.3	5.2	4.1	9.7	4.9	4.7
secondary vocational	159.7	73.4	86.3	174.4	83.3	91.1
primary vocational	28.1	14.5	13.6	22.7	12.2	10.5
upper secondary	111.0	50.3	60.7	108.7	49.4	59.3
lower secondary	11.5	6.9	4.7	9.0	5.1	3.9
primary	0.9	0.5	0.5	0.7	0.4	0.3

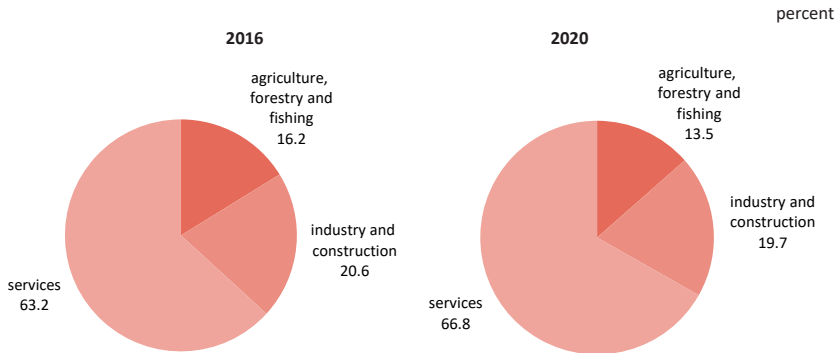
Continuation

	2018			2019		
	total	of which		total	of which	
		males	females		males	females
Unemployed population, total	443.6	202.1	241.6	440.7	204.3	236.3
of them those received education:						
higher	127.5	55.1	72.4	137.1	59.8	77.3
incomplete higher	8.3	3.9	4.3	8.1	4.3	3.8
secondary vocational	183.1	84.8	98.3	188.9	87.8	101.1
primary vocational	23.0	12.8	10.2	20.7	10.8	9.9
upper secondary	93.0	41.1	51.9	79.0	38.6	40.4
lower secondary	7.9	3.7	4.2	6.1	2.6	3.4
primary	0.9	0.6	0.3	0.7	0.3	0.4

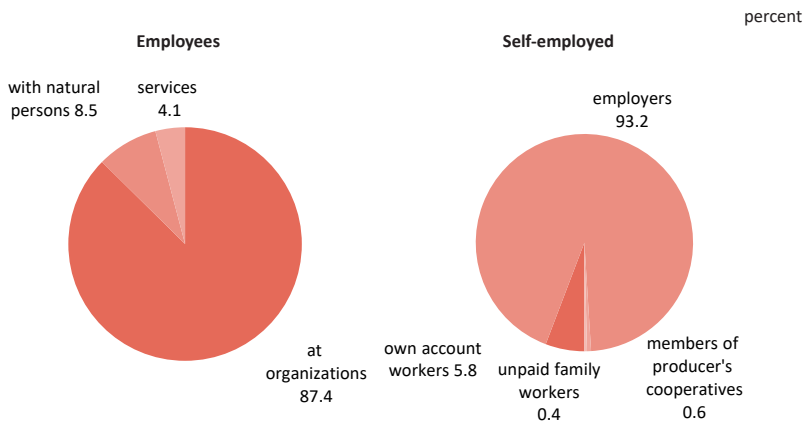
Continuation

	2020		
	total	of which	
		males	females
Unemployed population, total	448.8	209.6	239.2
of them those received education:			
higher	165.9	72.8	93.1
incomplete higher			
secondary vocational	180.3	85.3	95.0
primary vocational	25.6	12.9	12.7
upper secondary	76.9	38.6	38.4
lower secondary	-	-	-
primary	-	-	-

Structure of the employed population



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



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.

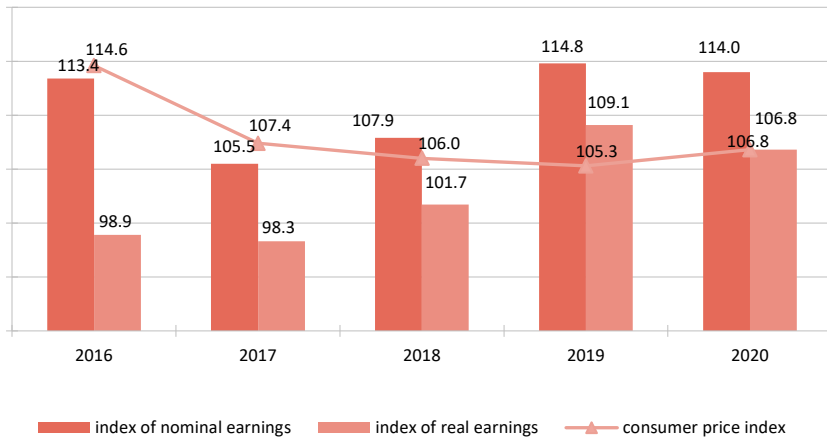
4.4 Average monthly nominal earnings by economic activities

tenge

	2016	2017	2018	2019	2020
All kinds of activities	142 898	150 827	162 673	186 815	213 003
Agriculture, forestry and fishery	81 572	91 084	97 929	115 371	130 178
Industry	195 295	214 189	234 168	260 538	285 521
mining industry and working out of open-cast mines	312 572	341 775	371 637	415 584	450 809
manufacturing industry	153 571	166 739	186 041	209 406	234 496
electrical supply, giving of gas, steam and air-conditioning	136 732	145 392	156 591	170 009	186 423
water supply; sewer system, the control over gathering and distribution of waste	93 856	101 921	112 287	123 377	131 072
Construction	179 205	194 227	213 784	243 293	252 504
Wholesale and retail trade; repair of motor vehicles and motorcycles	131 091	145 698	159 091	175 387	186 243
Transportation and warehousing	176 825	193 579	210 822	229 848	252 955
Residing and catering services	127 837	140 070	149 040	156 503	184 065
Information and communication	204 192	221 748	235 410	262 261	291 254
Financial and insurance activities	284 330	298 725	334 269	368 339	387 471
Real estate transactions	123 346	147 620	157 342	166 223	183 468
Professional, scientific and technical activities	323 661	268 664	286 839	331 287	342 408
Activity in the field of administrative and auxiliary service	115 041	151 771	187 532	231 360	220 253
Governance and defence; obligatory social security	118 868	125 247	134 835	157 152	185 666
Education	94 542	96 612	102 875	126 132	165 292
Health care and social services provision	106 049	108 714	111 802	133 499	175 484
Arts, entertainment and recreation	110 320	119 164	127 685	149 241	162 480
Other services provision	218 893	210 924	209 469	218 738	226 625
Activity of extra-territorial organizations	-	-	-	-	-

Indices of nominal and real earnings and consumer prices

as percent of the previous year



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

	2016	2017	2018	2019	2020
At the end of the period to December of the previous year					
Consumer price index	108.5	107.1	105.3	105.4	107.5
food goods	109.7	106.5	105.1	109.6	111.3
non-food goods	109.5	108.9	106.4	105.0	105.5
marketable services	106.1	105.9	104.5	100.7	104.2
Producer price index of industrial production	115.5	117.6	112.4	101.4	95.8
Purchase price index of products for technical purposes	112.0	110.3	112.0	105.5	105.9
Sales price index of agricultural products	107.5	102.6	107.8	115.9	115.3
Price index for forestry services and products ¹⁾	107.5	105.3	100.9	113.5	100.5
Construction price index	104.7	105.0	103.9	101.6	99.7
construction and assembly works	104.6	105.4	104.2	100.5	99.1
Index of freight tariffs by all types of transport	104.6	106.8	131.1	103.0	102.8
Index of tariffs for postal and courier services for legal entities	109.8	102.3	104.5	103.0	102.1
Index of tariffs for communication services for legal entities	98.0	106.6	111.2	101.7	99.8
Wholesales price index	111.8	106.3	105.6	103.8	103.9
Price index for products' export supplies ²⁾	109.4	121.2	113.8	98.4	92.3
Price index for import receipts ²⁾	116.4	106.8	107.9	106.5	105.4
To the previous year					
Consumer price index	114.6	107.4	106.0	105.3	106.8
food goods	112.7	108.6	105.1	108.2	110.4
non-food goods	122.4	108.4	107.8	105.7	105.5
marketable services	109.0	105.1	105.3	101.2	103.3
Producer price index of industrial production	116.8	115.3	119.0	105.1	92.0
Purchase price index of products for technical purposes	117.3	111.6	110.5	108.8	105.6

Continuation

	2016	2017	2018	2019	2020
Sales price index of agricultural products	107.8	104.7	102.8	114.6	113.9
Price index for forestry services and products ¹⁾	106.7	105.5	101.7	113.2	100.9
Construction price index	104.5	104.5	104.9	102.0	100.6
construction and assembly works	104.7	104.8	105.2	101.3	99.8
Index of freight tariffs by all types of transport	122.0	105.1	118.5	114.9	102.7
Index of tariffs for postal and courier services for legal entities	111.5	105.4	103.4	104.4	102.0
Index of tariffs for communication services for legal entities	99.7	104.9	100.7	111.3	100.9
Wholesales price index	115.5	106.4	106.6	105.1	103.2
Price index for products' export supplies ²⁾	94.4	112.2	122.6	105.1	86.0
Price index for import receipts ²⁾	109.1	108.2	107.2	108.4	104.1
At the end of the period, December 2015 = 100					
Consumer price index	108.5	116.1	122.3	128.9	138.5
food goods	109.7	116.8	122.8	134.6	149.7
non-food goods	109.5	119.2	126.9	133.2	140.6
marketable services	106.1	112.4	117.4	118.2	123.2
Producer price index of industrial production	115.5	135.8	152.6	154.7	148.2
Purchase price index of products for technical purposes	112.0	123.6	138.4	146.1	154.7
Sales price index of agricultural products	107.5	110.3	118.8	137.7	158.8
Price index for forestry services and products ¹⁾	107.5	113.2	114.1	129.5	130.1
Construction price index	104.7	109.9	114.1	116.0	115.7
construction and assembly works	104.6	110.3	114.9	115.5	114.5
Index of freight tariffs by all types of transport	104.6	111.6	146.4	150.8	155.1
Index of tariffs for postal and courier services for legal entities	109.8	112.4	117.5	121.0	123.4
Index of tariffs for communication services for legal entities	98.0	104.4	116.1	118.1	117.9
Wholesales price index	111.8	118.9	125.5	130.4	135.5
Price index for products' export supplies ²⁾	109.4	132.6	150.8	148.4	137.0
Price index for import receipts ²⁾	116.4	124.3	134.1	142.8	150.4

¹⁾ From the beginning of 2016 – IV quarter to IV quarter of the previous year.

²⁾ Here and further: From the beginning of January 2016 exports, imports price indexes characterize the price change of foreign trade transactions, shown in tenge (in previous year by US dollars).

Consumer prices

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

end of the period, tenge

	2016	2017	2018	2019	2020
Foodstuffs and beverages, per kilogram					
Beef	1 245	1 452	1 549	1 803	1 947
Mutton	1 197	1 376	1 456	1 713	1 990
Pork	1 118	1 223	1 312	1 466	1 594
Eviscerated hens	733	749	818	913	933

	2016	2017	2018	2019	2020
Boiled sausage	1 509	1 622	1 720	1 856	2 014
Half-smoked sausage	1 711	1 830	2 003	2 142	2 330
Fresh or chilled fish	571	625	690	774	861
Unsalted butter	1 716	1 926	2 112	2 368	2 701
Vegetable oil, litre	447	401	429	433	575
Raw milk, litre	178	195	211	222	244
Rennet cheese	2 016	2 219	2 486	2 756	3 069
Eggs, per 10 pieces	300	251	268	299	353
Sugar	253	202	243	189	252
Black tea	2 816	2 923	2 892	3 098	3 435
«The highest category» wheat flour	149	151	157	197	236
Bread from the «highest category» wheat flour	217	224	230	270	299
Ground, polished rice	293	291	318	380	377
Potatoes	90	117	86	97	113
Apples	331	385	381	392	472
Vodka, litre	2 092	2 436	2 737	2 918	3 172
Non-food products, per 1 unit					
Men's slacks	10 839	11 504	12 194	12 862	14 624
Men's outerwear shirt	6 994	7 410	7 928	8 433	8 865
Men's socks	433	454	485	524	554
Dressing gowns from cotton and mixed fabrics	4 594	4 862	5 198	5 520	6 607
Women's tights	955	1 008	1 090	1 159	1 173
Demi jacket for school age children	11 966	12 764	13 862	14 825	15 430
Girl's dress of all textiles	6 639	6 991	7 471	7 766	8 424
Children's pullover	5 371	5 767	6 120	6 392	6 935
Men's cut shoes	...	...	...	...	...
Women's court shoes	15 067	16 148	17 022	17 681	19 419
Bed-clothes	7 211	7 619	8 287	8 769	10 086
Laundry soap, 200 gr.	103	114	124	132	153
Refrigerator, volume of 290-350 cub.dm	131 374	138 320	152 025	161 361	174 738
Colour television, 102-109 cm model	153 339	161 355	168 792	173 183	179 951
Steam iron	11 656	12 568	13 882	14 883	16 763
Marketable services					
Payment for the electricity depending of the volume of consumption, 100 kW. hour for people, who use electric stoves					
1 level	1 044	1 145	1 174	1 123	1 199
2 level	1 482	1 517	1 518	1 474	1 575
3 level	1 853	1 865	1 849	1 818	1 943
Payment for the electricity depending of the volume of consumption, 100 kW. hour for people, who don't use electric stoves					
1 level	1 113	1 168	1 191	1 140	1 217
2 level	1 492	1 518	1 519	1 473	1 577
3 level	1 865	1 871	1 850	1 817	1 946
Natural gas, cub. m	16.33	18.14	18.88	18.73	18.67
Liquefied gas, 50 litre balloon	2 298	2 574	2 709	2 680	2 853

Continuation

	2016	2017	2018	2019	2020
Maintenance of dwellings, sq. m	24.67	26.82	27.52	29.50	32.24
Central heating, Gcal	3 714.98	3 908.09	3 990.07	3 482.39	3 372.53
Hot water supply, cub. m	218.32	234.39	240.03	231.76	233.77
Cold water supply, cub. m	64.55	71.33	73.00	68.67	68.81
Bus trip within a city, one service	64.39	73.98	76.75	75.98	78.88
Subscriber's payment for telephone, per month	1 006	1 006	1 006	1 006	1 006
Men's «model» haircut, one service	1 062	1 124	1 195	1 247	1 353

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

	2016	2017	2018	2019	2020
Total industry	115.5	117.6	112.4	101.4	95.8
The mining industry and working out of open-cast mines	114.1	127.2	116.3	100.0	84.8
Mining of coal and lignite	101.4	110.3	110.7	110.1	102.5
Extraction of crude petroleum and natural gas	115.1	132.0	117.9	99.5	77.5
Mining of metal ores	116.3	115.8	102.2	103.2	136.1
Other branches of mining industry	119.5	107.9	127.3	90.1	100.2
Manufacturing industry	119.6	108.3	108.8	104.3	109.0
Manufacture of food products	113.2	100.9	106.6	110.8	110.9
Manufacture of beverages	109.0	114.7	98.9	103.7	103.2
Manufacture of tobacco products	107.5	101.2	114.2	108.6	116.8
Manufacture of textile goods	104.6	98.5	99.7	103.3	107.3
Manufacture of clothes	109.7	92.0	103.7	103.1	99.9
Manufacture of leather and related products	110.3	122.2	78.4	103.3	100.4
Manufacture of wooden and cork products, except furniture; manufacture of products from straws and materials for weaving	103.4	105.9	106.3	104.7	96.8
Manufacture of paper and paperboard products	117.2	107.2	128.3	98.0	105.3
Printing and reproduction of recorded materials	101.1	104.4	104.6	109.2	100.1
Manufacture of coke and refined petroleum products	125.8	115.9	117.8	103.0	93.6
Manufacture of chemicals and chemical products	117.9	104.1	111.3	101.9	105.1
Manufacture of rubber and plastic products	113.5	104.7	106.8	99.9	97.7
Manufacture of other non-metallic mineral products	103.2	103.5	109.0	103.5	104.8
Metallurgy industry	136.6	109.4	109.2	103.1	115.1
Manufacture of fabricated metallic products except machinery and equipment	114.0	107.9	108.0	102.5	103.4

Continuation

	2016	2017	2018	2019	2020
Manufacture of computers, electronic and optical products	107.1	99.6	101.4	100.1	100.3
Manufacture of electrical equipment	109.0	113.1	105.5	103.0	104.7
Manufacture of machinery and equipment not included in other categories	109.7	105.4	109.8	105.4	101.1
Electrical supply, giving of gas, steam and air-conditioning	108.0	105.0	101.5	95.3	109.6
Water supply; sewer system, the control over gathering and distribution of waste	105.9	106.0	104.9	99.2	103.2

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

	2016	2017	2018	2019	2020
Material and technical resources for all types of activity	112.0	110.3	112.0	105.5	105.9
among which:					
From enterprises of the Republic of Kazakhstan	111.8	109.5	112.3	105.7	104.9
From enterprises of the CIS member countries	114.6	122.0	110.3	105.2	113.2
From foreign sellers	109.1	104.0	106.5	100.7	113.9

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

	2016	2017	2018	2019	2020
Material and technical resources for all types of activity	112.0	110.3	112.0	105.5	105.9
The mining industry and working out of open-cast mines	108.6	109.7	112.8	101.2	100.1
Mining of coal and lignite	111.8	110.4	111.3	102.1	96.0
Extraction of crude petroleum and natural gas	104.9	109.0	110.6	98.5	105.6
Mining of metal ores	108.5	110.1	115.2	102.4	97.8
Other branches of mining industry	118.9	108.0	110.6	99.1	114.6
Manufacturing industry	113.7	109.9	113.5	108.7	109.8
Manufacture of food products	112.0	98.0	108.6	119.9	118.0
Manufacture of drinks	115.0	107.3	106.8	106.8	112.0
Manufacture of tobacco products	99.3	104.8	108.1	88.1	127.2
Manufacture of textile goods	105.6	100.0	114.4	97.6	107.2
Manufacture of clothes	110.9	99.4	101.3	112.4	99.8
Manufacture of leather and related products	113.3	110.3	99.1	104.8	93.2
Manufacture of wooden and cork products, except furniture; manufacture of products from straws and materials for weaving	111.9	101.2	106.5	104.6	102.2

Continuation

	2016	2017	2018	2019	2020
Manufacture of paper and paperboard products	109.5	107.7	103.9	96.9	100.0
Printing and reproduction of recorded materials	116.3	102.9	112.8	102.3	98.2
Manufacture of coke and refined petroleum products	109.5	121.9	118.3	95.1	94.2
Manufacture of chemicals and chemical products	117.3	109.9	106.8	99.8	108.9
Manufacture of rubber and plastic products	113.7	104.2	109.5	95.3	94.2
Manufacture of other non-metallic mineral products	104.3	105.1	114.7	102.0	104.8
Metallurgy industry	118.1	120.4	122.7	105.1	100.3
Manufacture of fabricated metallic products except machinery and equipment	121.4	114.9	106.8	108.6	103.6
Manufacture of computers, electronic and optical products	148.8	104.1	112.7	100.9	99.8
Manufacture of electrical equipment	123.7	126.5	97.2	106.4	111.0
Manufacture of machinery and equipment not included in other categories	114.6	107.6	99.8	94.4	95.2
Manufacture of furniture	101.6	104.7	102.4	105.8	101.8
Electrical supply, giving of gas, steam and air-conditioning; water supply	108.1	112.5	106.6	98.1	102.3

Prices in agriculture

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

percent

	2016	2017	2018	2019	2020
At the end of the period to December of the previous year					
Agricultural products	107.5	102.6	107.8	115.9	115.3
Plant growing products	106.1	103.3	109.1	119.1	117.6
Grain crops	106.9	99.4	114.1	130.6	118.8
Oil-bearing crops	115.4	98.4	105.4	113.5	124.5
Vegetables	94.1	111.3	96.2	107.9	109.6
Potatoes	97.7	124.2	85.9	102.5	122.5
Fruits and berries	89.0	103.4	92.4	104.8	103.6
Animal husbandry products	109.4	100.9	105.3	107.1	108.3
Livestock and poultry	106.7	102.6	103.9	104.9	104.2
Raw milk	110.4	108.1	105.9	108.7	111.4
Eggs	119.0	84.6	112.9	117.6	121.4
Shorn wool	122.6	101.0	128.7	78.8	100.0
To the previous year					
Agricultural products	107.8	104.7	102.8	114.6	113.9
Plant growing products	106.7	103.6	103.2	117.9	116.5
Grain crops	107.6	102.2	102.0	127.9	122.6
Oil-bearing crops	123.9	107.8	97.4	114.9	113.8
Vegetables	100.0	100.2	103.3	102.5	108.3

Continuation

	2016	2017	2018	2019	2020
Potatoes	92.7	113.0	104.9	88.8	115.0
Fruits and berries	94.5	92.4	98.2	99.8	103.8
Animal husbandry products	109.4	105.8	102.0	106.5	106.4
Livestock and poultry	105.1	105.0	102.0	105.0	103.4
Raw milk	105.2	110.2	106.7	106.4	111.0
Eggs	135.6	100.0	95.4	118.3	118.6
Shorn wool	121.6	109.8	117.0	98.7	88.1

Prices in construction

5.7 Construction price index

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

	2016	2017	2018	2019	2020
Construction price index	104.7	105.0	103.9	101.6	99.7
construction and assembly works	104.6	105.4	104.2	100.5	99.1
machinery and equipment	103.4	102.5	102.5	103.9	100.9
other works and expenses	105.8	105.6	104.0	104.1	101.3

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

	2016	2017	2018	2019	2020
Total exports	109.4	121.2	113.8	98.4	92.3
Live animals and products of animal origin	117.6	103.7	102.8	108.2	107.3
Products of vegetable origin	110.1	96.0	114.9	123.6	115.7
Prepared foodstuffs, beverages, tobacco	115.3	106.0	108.8	117.1	103.2
Mineral products	106.6	130.9	115.7	97.8	82.4
Products of the chemical industry	94.4	87.8	109.0	99.0	114.7
Plastics, rubber and articles thereof	108.9	106.7	113.9	101.9	110.4
Rawhide, leather, natural furs	114.8	104.2	96.6	99.8	117.8
Textile and textile articles	144.5	106.7	105.8	98.1	101.8
Base metals and articles thereof	134.1	123.3	110.4	92.1	120.0
Machinery, equipment, mechanical appliances, apparatus and parts thereof	119.8	107.7	129.4	115.0	103.0

5.9 Price index of products imported to the Republic of Kazakhstan

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

	2016	2017	2018	2019	2020
Total imports	116.4	106.8	107.9	106.5	105.4
Live animals and products of animal origin	113.0	107.8	115.9	108.2	102.1
Products of vegetable origin	120.8	95.3	136.6	103.9	98.4
Animal and vegetable fast and oils	105.9	101.4	99.1	99.1	140.2
Prepared foodstuffs, beverages, tobacco	118.3	98.9	114.3	105.8	109.3
Mineral products	111.8	116.8	107.9	110.0	107.1
Products of the chemical industry	113.9	110.4	105.4	107.6	105.5
Plastics, rubber and articles thereof	117.9	111.9	114.6	108.5	100.8
Wood and articles of wood; wood charcoal, cork and articles thereof	126.4	109.4	102.9	109.0	102.1
Pulp of wood; paper and paperboard articles	132.6	111.3	115.1	106.2	112.1
Textile and textile articles	123.9	107.6	111.8	107.8	102.3
Articles of stone, plaster, cement, asbestos, ceramics and glass	135.3	108.3	121.3	106.5	101.7
Base metals and articles thereof	115.1	108.5	105.9	106.2	104.7
Machinery, equipment, mechanical appliances, apparatus and parts thereof	111.0	103.8	105.8	104.8	104.8
All types of transport equipment and parts thereof	126.9	107.5	106.5	104.1	105.6
Optical, photographic, measuring, musical instruments, parts thereof	107.7	103.4	105.5	112.6	105.2

Prices of transport

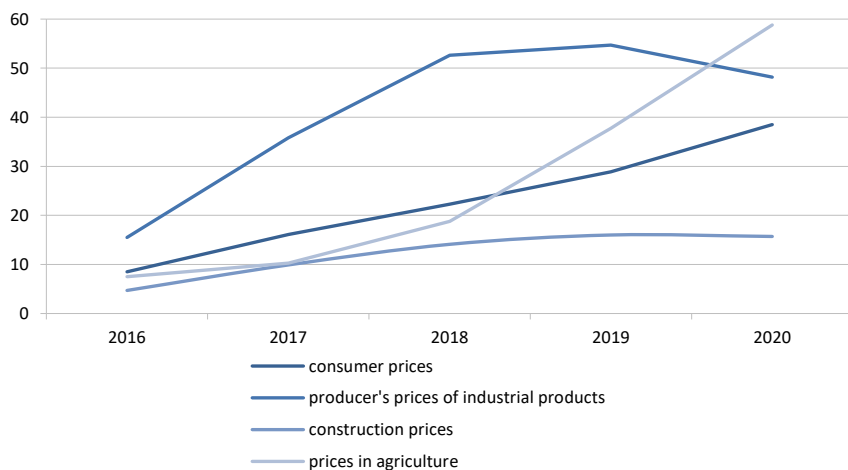
5.10 Index of freight tariffs by all types of transport

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

	2016	2017	2018	2019	2020
Freight transport	104.6	106.8	131.1	103.0	102.8
motor road	101.6	100.9	103.9	101.7	100.0
air	122.3	101.7	101.8	101.2	102.4
internal water	100.0	106.2	116.2	110.9	100.0
pipeline	105.6	110.4	109.0	103.4	106.1

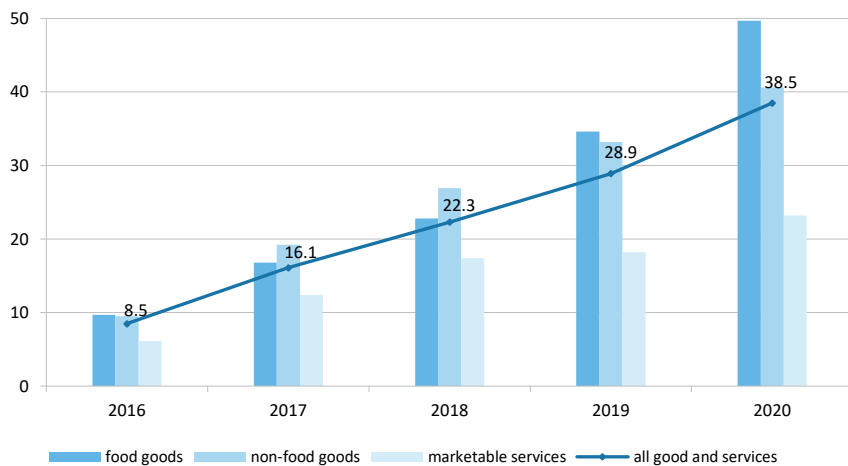
Indices of prices and tariffs by sectors of economy

at the end of the period, as percent of December of the previous year; increased +, decreased –



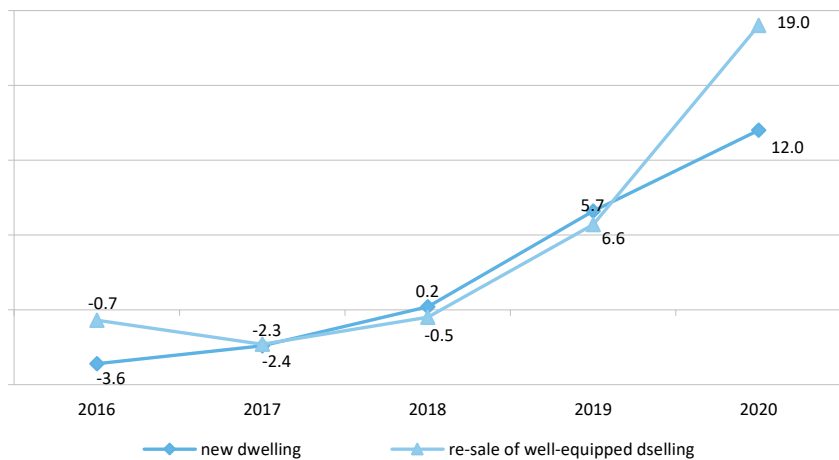
Changes of prices and tariffs for consumer goods and services

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

	2016	2017	2018	2019	2020
Total land area (territory)	261.3	261.9	262.5	262.9	262.9
of which:					
lands of agricultural enterprises, organizations and citizens	102.6	104.1	105.3	106.4	108.6
lands of industry, transport and for other non-agricultural purposes	2.9	2.9	2.2	2.3	2.2
lands of specially protected territories	6.7	7.1	7.2	7.7	7.7
lands of forest stock	22.9	22.9	22.7	22.4	22.4
lands of water stock	4.1	4.1	4.1	4.2	4.2
lands of reserve	98.4	97.0	96.7	95.7	93.6

* 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, 2021

	Total forest area. million hectare	Forest content. percent
Republic of Kazakhstan	30.0	4.9
Akmola	1.5	2.6
Aktobe	1.4	0.2
Almaty	5.4	8.9
Atyrau	0.16	0.2
Batys Kazakhstan	0.22	0.6
Zhambyl	4.4	15.8
Karagandy	0.61	0.4
Kostanai	1.1	1.4
Kyzylorda	6.6	15.7
Mangystau	0.47	0.8
Pavlodar	0.47	2.2
Soltustik Kazakhstan	0.68	5.5
Turkistan	3.4	13.1
Shygys Kazakhstan	3.8	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

	2016	2017	2018	2019	2020
Total forest area (including forests handed over for a temporary use), million hectare	29.4	29.8	30.1	30.0	30.0
Forest covered lands, million hectare	12.7	12.9	12.9	13.1	13.3
Total wood stock, million cubic meters	418.0	421.9	421.9	443.0	446.3
The forest content of the territory, percent	4.7	4.7	4.7	4.8	4.9

6.4 Main forestry activities

	2016	2017	2018	2019	2020
Reforestation, thousand hectare	57.19	57.21	52.70	63.9	51.29
of which planting and sowing of forests	47.4	44.9	42.9	57.1	45.75
Replenishment of valuable forests by young plantations, thousand hectare	34.0	34.1	34.1	36.1	62.2
Liquid timber felled, thousand cubic meters of trunk wood	1 158.8	1 108.6	1 170.2	1 050.8	1 135.1
Maintenance and sanitary fellings area, thousand hectare	23.6	13.3	12.1	55.3	5.7

6.5 Forest fires

	2016	2017	2018	2019	2020
Number of forest fires, cases	306	563	358	628	701
Forest area affected by fires, hectare	640.0	13 369.0	120 990.9	73 516	41 866
Damage caused by forest fires, at current prices, million tenge	28.7	215.5	209 .8	563.5	2 115.5

6.6 State forest natural reserve areas and state national natural parks

	2016	2017	2018	2019	2020
Number of forest natural reserve areas and state national parks	27	27	29	29	29
Their area, thousand hectare	7 039.5	7 039.5	7 404.1	7406.4	7 406.3
Number of personnel, persons	3 502	3 749	3 749	3 749	3 766

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

	2015	2016	2017	2018	2019
Billion tenge					
National wealth, total	64 093.5	72 993.1	78 171.9	88 643.1	117 254.1
of which:					
Fixed assets	66 594.2	77 147.5	83 784.4	97 882.4	124 705.8
including:					
goods producing branches	28 707.9	36 094.9	36 427.9	42 159.9	54 118.9
service rendering branches	37 886.3	41 052.6	47 356.5	55 722.4	70 586.9
Intangible assets	1 290.8	1 821.6	2 518.1	3 450.4	4 101.5
Commodity and material stocks	8 922.3	9 173.9	10 607.5	11 229.9	13 260.8
Financial assets	-12 713.8	-15 150.0	-18 738.1	-23 919.6	-24 814.1
Memo:					
Consumer goods durables*	3 399.5	3 739.5	4 113.4	4 524.8	4 977.3
As percent of total					
National wealth, total	100.0	100.0	100.0	100.0	100.0
of which:					
Fixed assets	103.9	105.7	107.2	110.4	106.4
including:					
goods producing branches	44.8	49.5	46.6	47.5	46.2
service rendering branches	59.1	56.2	60.6	62.9	60.2
Intangible assets	2.0	2.5	3.2	3.9	3.5
Commodity and material stocks	13.9	12.6	13.6	12.7	11.3
Financial assets	-19.8	-20.8	-24.0	-27.0	-21.2
Memo:					
Consumer goods durables*	5.3	5.1	5.3	5.1	4.2

* The data have not been indexed.

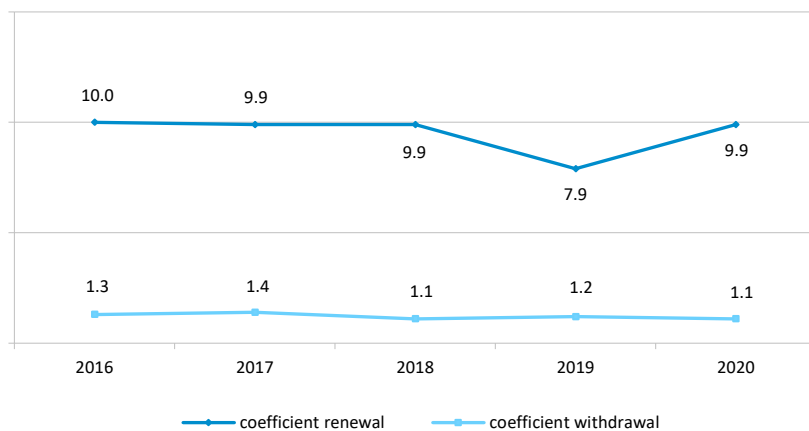
6.8 Fixed assets by type of ownership

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

	2016	2017	2018	2019	2020
Total fixed assets	77 147.5	83 784.4	97 882.4	124 705.8	136 844.7
of which by ownership types:					
state-owned	11 847.8	13 571.0	16 212.7	16 849.7	21 537.4
non-state	43 832.6	47 812.8	55 245.5	69 151.6	76 292.3
property of other states, their legal persons and citizens	21 467.1	22 400.5	26 424.1	38 704.6	39 015.0

Coefficient renewal, coefficient withdrawal of fixed assets

percent





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 symbolics 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

	2016	2017	2018	2019	2020
Gross domestic product (GDP), million tenge	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 649 033.2
GDP, million US dollars by official rate	137 278.3	166 806.3	179 337.8	181 665.9	171 083.7
Volume indices, as percent of the previous year	101.1	104.1	104.1	104.5	97.5
Deflator, as percent of the previous year	113.6	108.4	109.2	107.6	104.2
GDP per capita, tenge	2 639 710.3	3 014 720.8	3 382 469.2	3 755 744.6	3 766 810.2
GDP per capita, US dollars, by official rate	7 714.8	9 247.6	9 812.5	9 812.5	9 121.7
Volume index of GDP per capita, as percent of the previous year	99.7	102.7	102.7	103.2	96.2
Dollar rate, tenge per 1 US dollar	342.16	326.00	344.71	382.75	412.95

6.10 Main indicators in the System of National Accounts

million tenge

	2015	2016	2017	2018	2019
1. Gross domestic product as total of value added of branches					
Output at basic prices	63 958 086.2	74 731 304.6	95 418 867.6	102 753 424.6	111 674 103.0
Intermediate consumption	25 174 185.8	30 393 719.1	44 223 008.3	45 046 871.3	46 992 498.2

	2015	2016	2017	2018	2019
Gross value added at basic prices	38 783 900.4	44 337 585.5	51 195 859.3	57 706 553.3	64 681 604.8
Taxes on products	2 223 043.8	2 777 016.3	3 371 983.4	4 277 352.3	5 057 371.0
Subsidies on products(-)	122 810.6	143 451.8	188 984.9	164 369.2	206 349.3
Gross domestic product at market prices	40 884 133.6	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5
2. Gross domestic product as total of incomes					
Compensation of employees	13 161 352.4	14 253 989.5	16 610 443.3	18 825 518.4	21 199 133.2
Taxes on production and imports	2 685 592.6	3 465 723.7	3 973 441.9	4 890 902.8	5 778 552.1
Subsidies on production and imports (-)	122 810.6	143 451.8	188 984.9	164 369.2	206 349.3
Consumption of fixed capital	5 199 146.5	5 009 473.7	5 726 334.4	6 394 457.4	7 372 240.6
Net operating surplus, net mixed income	19 960 852.7	24 385 414.9	28 257 623.1	31 873 027.0	35 389 049.9
Gross domestic product at market prices	40 884 133.6	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5
3. Use of gross domestic product					
Final consumption expenditure of which:	26 718 002.2	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7
households	21 491 895.4	25 087 440.1	27 986 614.7	31 514 400.6	35 570 705.8
government administration	4 755 939.3	5 463 145.6	5 729 324.8	5 144 127.7	6 349 831.8
among which:					
individual goods and services	2 284 955.7	2 803 834.4	2 840 045.8	2 120 585.0	2 521 921.2
collective goods and services	2 470 983.6	2 659 311.2	2 889 279.0	3 023 542.7	3 827 910.6
non-profit institutions serving households (NPISHs)	470 167.5	532 652.8	610 130.8	692 378.8	780 156.1
Gross capital formation of which:	11 409 909.5	13 070 935.7	14 330 178.9	15 614 509.7	19 210 178.5
gross fixed capital formation	9 354 911.6	10 671 499.7	11 798 875.1	13 091 415.8	16 317 522.5
changes in inventories	2 054 997.9	2 399 436.0	2 531 303.8	2 523 093.9	2 892 656.0
net acquisition of valuables	...	...	...	...	...
Exports of goods and services	11 658 809.0	14 957 440.7	17 617 527.7	23 259 735.6	25 336 984.8
Imports of goods and services (-)	10 030 113.0	13 371 609.8	13 283 468.9	16 012 952.6	19 760 914.8
Statistical discrepancy	1 127 525.9	1 231 144.9	1 388 549.8	1 607 336.6	2 045 684.3
Gross domestic product at market prices	40 884 133.6	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5
4. Actual final consumption of which:	26 718 002.2	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7
households	24 247 018.6	28 423 927.3	31 436 791.3	34 327 364.4	38 872 783.1
among which:					
households final consumption expenditures	21 491 895.4	25 087 440.1	27 986 614.7	31 514 400.6	35 570 705.8
social transfers in kind	2 755 123.2	3 336 487.2	3 450 176.6	2 812 963.8	3 302 077.3
government administration	2 470 983.6	2 659 311.2	2 889 279.0	3 023 542.7	3 827 910.6

	2015	2016	2017	2018	2019
5. Gross domestic product by sectors					
Gross value added at basic prices	38 783 900.4	44 337 585.5	51 195 859.3	57 706 553.3	64 681 604.8
of which by sectors:					
non-financial corporations	27 687 280.1	32 515 165.8	38 658 146.6	44 193 898.8	49 170 763.1
financial corporations	1 430 703.9	1 668 758.4	2 020 521.6	2 048 002.8	2 233 384.2
government administration	1 879 654.0	2 160 807.0	1 930 752.8	2 022 732.5	2 485 886.9
NPISHs	273 099.8	267 243.1	247 298.4	294 330.0	299 855.1
households	7 513 162.6	7 725 611.2	8 339 139.9	9 147 589.2	10 491 715.5
Taxes on products	2 223 043.8	2 777 016.3	3 371 983.4	4 277 352.3	5 057 371.0
Subsidies on products (-)	122 810.6	143 451.8	188 984.9	164 369.2	206 349.3
Gross domestic product at market prices	40 884 133.6	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5
6. Gross domestic product by production method					
Gross domestic product	40 884 133.6	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5
Production of goods	14 540 579.0	17 161 282.9	20 034 372.9	23 424 694.9	26 071 350.0
Production of services	24 243 321.4	27 176 302.6	31 161 486.4	34 281 858.4	38 610 254.8
Gross value added	38 783 900.4	44 337 585.5	51 195 859.3	57 706 553.3	64 681 604.8
Net taxes on products and imports	2 100 233.2	2 633 564.5	3 182 998.5	4 112 983.1	4 851 021.7
7. Main indicators in the SNA					
Gross domestic product	40 884 133.6	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5
Primary income receivable from the rest of the world:	437 434.6	764 459.0	753 420.7	855 117.9	910 850.5
of which:					
compensation of employees	860.3	1 327.6	1 264.9	1 337.5	1 485.1
property income	436 574.3	763 131.4	752 155.8	853 780.4	909 365.4
Primary income payable to the rest of the world	2 885 030.0	5 214 841.6	6 743 069.0	8 486 599.8	9 704 810.9
of which:					
compensation of employees	368 261.3	446 498.2	491 552.0	548 780.7	613 997.4
property income	2 516 768.7	4 768 343.4	6 251 517.0	7 937 819.1	9 090 813.5
Gross national income	38 436 538.2	42 520 767.4	48 389 209.5	54 188 054.5	60 738 666.1
Consumption of fixed capital	5 199 146.5	5 009 473.7	5 726 334.4	6 394 457.4	7 372 240.6
Net national income	33 237 391.7	37 511 293.7	42 662 875.1	47 793 597.1	53 366 425.5
Current transfers receivable from the rest of the world	382 349.6	544 457.6	681 725.8	1 030 576.1	1 160 225.7
Current transfers payable to the rest of the world	703 469.0	679 150.4	715 456.7	706 343.2	760 443.2
Net national disposable income	32 916 272.3	37 376 600.9	42 629 144.2	48 117 830.0	53 766 208.0
Final consumption	26 718 002.2	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7
Savings, net	6 198 270.1	6 293 362.4	8 303 073.9	10 766 922.9	11 065 514.3
Capital transfers from the rest of the world, receivable	36 361.4	95 455.5	111 788.6	94 602.6	57 564.6
Capital transfers to the rest of the world, payable	1 791.7	3 754.2	1 456.5	27 762.3	8 762.2

Continuation

	2015	2016	2017	2018	2019
Changes in net worth as a result of savings and capital transfers	6 232 839.8	6 385 063.7	8 413 406.0	10 833 763.2	11 114 316.7
Gross capital formation	11 409 909.5	13 070 935.7	14 330 178.9	15 614 509.7	19 210 178.5
Consumption of fixed capital	5 199 146.5	5 009 473.7	5 726 334.4	6 394 457.4	7 372 240.6
Net acquisition of non-produced non-financial assets	...	...	...	...	...
Statistical discrepancy	1 127 525.9	1 231 144.9	1 388 549.8	1 607 336.6	2 045 684.3
Net lending (+) / net borrowing (-)	-1 105 449.1	-2 907 543.2	-1 578 988.3	6 374.3	-2 769 305.5

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							
2016	3 989 279.1	1 849 271.5	2 140 007.6	472 879.5	2 743.9	245 184.9	1 419 199.3
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
Industry							
2016	23 113 215.8	10 850 700.9	12 262 514.9	3 274 269.6	475 775.0	1 660 880.5	6 851 589.8
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
Mining and quarrying							
2016	11 038 678.3	4 990 951.0	6 047 727.3	1 298 064.0	368 802.1	932 302.8	3 448 558.4
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
Manufacturing							
2016	10 254 342.7	4 932 445.8	5 321 896.9	1 499 273.0	84 847.4	559 371.3	3 178 405.2
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
Electricity, gas, steam and air conditioning supply							
2016	1 555 533.3	779 998.5	775 534.8	406 109.3	19 080.0	148 327.6	202 017.9
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

	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	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
Water supply; sewerage, waste management and remediation activities							
2016	264 661.5	147 305.6	117 355.9	70 823.3	3 045.5	20 878.8	22 608.3
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
Construction							
2016	4 386 783.5	1 628 023.1	2 758 760.4	1 208 637.4	13 634.3	531 438.1	1 005 050.6
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
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
Wholesale and retail trade; repair of motor vehicles and motorcycles							
2016	12 335 317.1	4 436 467.4	7 898 849.7	2 771 400.1	28 370.5	588 666.7	4 510 412.4
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
Transportation and storage							
2016	6 636 499.7	2 760 491.9	3 876 007.8	995 758.8	60 205.0	667 575.5	2 152 468.5
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
Accommodation and food service activities							
2016	711 843.2	183 071.8	528 771.4	183 726.7	2 904.3	40 531.8	301 608.6
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
Information and communication							
2016	1 295 096.8	316 679.4	978 417.4	433 542.8	15 967.8	118 830.5	410 076.3
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
Financial and insurance activities							
2016	2 341 646.1	672 887.7	1 668 758.4	570 658.4	25 429.8	61 561.5	1 011 108.7
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

	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	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
Real estate activities							
2016	5 273 041.6	1 171 864.8	4 101 176.8	258 653.5	26 511.7	427 108.3	3 388 903.3
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
Professional, scientific and technical activities							
2016	3 994 275.4	1 658 308.3	2 335 967.1	948 267.5	20 088.6	109 068.4	1 258 542.6
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
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
Administrative and support service activities							
2016	1 582 197.3	576 883.0	1 005 314.3	498 105.3	8 444.3	45 192.9	453 571.8
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
Public administration and defence; compulsory social security							
2016	2 294 269.7	1 438 143.4	856 126.3	552 523.4	721.1	302 881.8	-
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	-
Education							
2016	2 083 670.0	758 334.2	1 325 335.8	1 057 646.4	2 491.8	63 286.1	201 911.5
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
Human health and social work activities							
2016	2 069 043.5	1 180 213.8	888 829.7	469 774.4	1 794.7	90 392.9	326 867.7
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
Arts, entertainment and recreation							
2016	442 006.5	84 401.1	357 605.4	202 298.2	878.2	44 316.4	110 112.6
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

	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	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	9 9512.6	195 818.4
Other service activities							
2016	2 137 086.6	814 043.1	1 323 043.5	339 714.7	2 665.3	12 557.4	968 106.1
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
Activities of households as employers; undifferentiated goods and services-producing activities of households for own use							
2016	46 032.7	13 933.7	32 099.0	16 132.8	81.1	-	15 885.1
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
Total for branches							
2016	74 731 304.6	30 393 719.1	44 337 585.5	14 253 989.5	688 707.4	5 009 473.7	24 385 414.9
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
Taxes on products							
2016	-	-	2 777 016.3	-	-	-	-
2017	-	-	3 371 983.4	-	-	-	-
2018	-	-	4 277 352.3	-	-	-	-
2019	-	-	5 057 371.0	-	-	-	-
2020	-	-	4 069 079.9	-	-	-	-
Subsidies on products (-)							
2016	-	-	143 451.8	-	-	-	-
2017	-	-	188 984.9	-	-	-	-
2018	-	-	164 369.2	-	-	-	-
2019	-	-	206 349.3	-	-	-	-
2020	-	-	248 281.8	-	-	-	-
Gross domestic product at market prices							
2016	-	-	46 971 150.0	-	-	-	-
2017	-	-	54 378 857.8	-	-	-	-
2018	-	-	61 819 536.4	-	-	-	-
2019	-	-	69 532 626.5	-	-	-	-
2020	-	-	70 649 033.2	-	-	-	-

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 em- ployees	other taxes minus other subsidies on production	consumption of fixed capital	net operating surplus. net mixed income
Agriculture, forestry ang fishing							
2016	1 934 307.5	838 893.9	1 095 413.6	230 972.5	1 428.5	115 705.4	747 307.2
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
Manufacturing							
2016	302 578.0	83 529.1	219 048.9	19 515.4	1 430.9	16 050.6	182 052.0
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
Construction							
2016	465 696.5	149 100.1	316 596.4	173 028.8	1 564.6	60 711.4	81 291.6
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
Wholesale and retail trade; repair of motor vehicles and motorcycles							
2016	431 457.3	153 109.1	278 348.2	214 632.4	1 169.6	17 657.7	44 888.5
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
Transportation and storage							
2016	2 871 750.6	1 121 383.4	1 750 367.2	98 941.1	25 997.6	61 348.5	1 564 080.0
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
Accommodation and food service activities							
2016	20 513.9	5 180.4	15 333.5	12 548.5	50.7	889.0	1 845.3
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
Information and communication							
2016	1 028.6	205.7	822.9	542.6	6.0	84.8	189.5
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

	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
2020	359.9	72.0	287.9	160.9	1.3	29.1	96.6
Real estate activities							
2016	3 726 417.6	840 739.5	2 885 678.1	15 480.0	18 453.8	301 759.7	2 549 984.6
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
Professional, scientific and technical activities							
2016	11 154.9	2 231.0	8 923.9	7 045.9	103.1	332.0	1 442.9
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
Administrative and support service activities							
2016	2 920.8	671.8	2 249.0	731.7	10.0	117.8	1 389.5
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
Education							
2016	232 489.5	50 222.4	182 267.1	11 114.3	342.7	6 169.0	164 641.1
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
Human health and social work activities							
2016	49 007.5	7 891.6	41 115.9	15 302.1	56.0	903.3	24 854.5
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
Arts, entertainment and recreation							
2016	9 879.5	1 612.9	8 266.6	5 025.0	16.5	969.4	2 255.7
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
Other service provision							
2016	1 463 526.1	574 445.2	889 080.9	47 785.9	707.9	8 260.5	832 326.6
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

	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
Activities of households as employers; undifferentiated goods and services-producing activities of households for own use							
2016	46 032.7	13 933.7	32 099.0	16 132.8	81.1	-	15 885.1
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
Total for branches							
2016	11 568 761.0	3 843 149.8	7 725 611.2	868 799.0	51 419.0	590 959.1	6 214 434.1
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

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				
2016	46 971 150.0	101.1	113.6	100.0
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
Production of goods				
2016	17 161 282.9	101.7	116.1	36.6
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
Agriculture, forestry and fishing				
2016	2 140 007.6	105.4	105.5	4.6
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
Industry				
2016	12 262 514.9	99.6	121.1	26.1
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
Construction				
2016	2 758 760.4	107.4	104.9	5.9

	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
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
Production of services				
2016	27 176 302.6	100.9	111.1	57.8
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
Wholesale and retail trade; repair of motor vehicles and motorcycles				
2016	7 898 849.7	98.2	115.1	16.8
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
Transportation and storage				
2016	3 876 007.8	103.5	106.4	8.3
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
Accommodation and food service activities				
2016	528 771.4	101.0	124.5	1.1
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
Information and communication				
2016	978 417.4	100.8	90.5	2.1
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
Financial and insurance activities				
2016	1 668 758.4	100.7	115.9	3.5
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
Real estate activities				
2016	4 101 176.8	102.6	108.5	8.7
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

	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
Professional, scientific and technical activities				
2016	2 335 967.1	100.8	124.3	5.0
2017	2 457 398.9	97.9	108.1	4.6
2018	2 742 926.9	103.0	108.4	4.4
2019	3 062 749.9	101.4	110.1	4.4
2020	2 919 937.4	94.9	100.5	4.1
Administrative and support service activities				
2016	1 005 314.3	101.2	117.4	2.1
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
Public administration and defence; compulsory social security				
2016	856 126.3	101.3	104.4	1.8
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
Education				
2016	1 325 335.8	102.0	108.5	2.8
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
Human health and social work activities				
2016	888 829.7	101.9	119.5	1.9
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
Arts, entertainment and recreation				
2016	357 605.4	101.7	106.8	0.8
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
Other service activities				
2016	1 323 043.5	101.6	99.2	2.8
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
Activities of households as employers; undifferentiated goods and services-producing activities of households for own use				
2016	32 099.0	90.6	114.6	0.1
2017	40 829.1	104.1	107.4	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
2018	43 940.7	101.5	106.0	0.1
2019	46 440.5	100.4	105.3	0.1
2020	49 593.0	100.0	106.8	0.1
Gross value added				
2016	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
Taxes on products				
2016	2 777 016.3	99.8	125.2	5.9
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
Subsidies on products				
2016	143 451.8	103.9	112.4	0.3
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

6.14 Gross domestic product by final expenditure

at current prices, million tenge

	2016	2017	2018	2019	2020*
Final consumption expenditure	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7	46 408 456.3
of which:					
households	25 087 440.1	27 986 614.7	31 514 400.6	35 570 705.8	36 619 843.4
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 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	532 652.8	610 130.8	692 378.8	780 156.1	786 482.0
Gross capital formation	13 070 935.7	14 330 178.9	15 614 509.7	19 210 178.5	20 148 407.9
of which:					
gross fixed capital formation	10 671 499.7	11 798 875.1	13 091 415.8	16 317 522.5	17 445 419.4
changes in inventories	2 399 436.0	2 531 303.8	2 523 093.9	2 892 656.0	2 702 988.5
Net export	1 585 830.9	4 334 058.8	7 246 783.0	5 576 070.0	2 990 186.9
Exports of goods and services	14 957 440.7	17 617 527.7	23 259 735.6	25 336 984.8	21 354 368.2
Imports of goods and services (-)	13 371 609.8	13 283 468.9	16 012 952.6	19 760 914.8	18 364 181.3
Statistical discrepancy	1 231 144.9	1 388 549.8	1 607 336.6	2 045 684.3	1 167 032.5
Gross domestic product at market prices	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 714 083.6

* Here and further in 2020 operative data.

6.15 Actual final consumption

at current prices, million tenge

	2016	2017	2018	2019	2020*
Actual final consumption	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7	46 408 456.3
of which:					
Households	28 423 927.3	31 436 791.3	34 327 364.4	38 872 783.1	42 045 741.3
among which:					
households final consumption expenditures	25 087 440.1	27 986 614.7	31 514 400.6	35 570 705.8	36 619 843.4
social transfers in kind	3 336 487.2	3 450 176.6	2 812 963.8	3 302 077.3	5 425 897.9
government administration	2 659 311.2	2 889 279.0	3 023 542.7	3 827 910.6	4 362 715.0

6.16 Structure of gross domestic product by final uses

as percent to total

	2016	2017	2018	2019	2020*
Final consumption expenditure	66.2	63.0	60.4	61.3	65.7
of which:					
households	53.4	51.4	51.0	51.1	51.8
government administration	11.7	10.5	8.3	9.1	12.8
among which:					
individual goods and services	6.0	5.2	3.4	3.6	6.6
collective services	5.7	5.3	4.9	5.5	6.2
non-profit institutions serving households	1.1	1.1	1.1	1.1	1.1
Gross capital formation, total	27.9	26.4	25.3	27.7	28.5
gross fixed capital formation	22.7	21.7	21.2	23.5	24.7
changes in inventories	5.2	4.7	4.1	4.2	3.8
Net exports	3.3	8.0	11.7	8.1	4.1
Exports of goods and services	31.8	32.4	37.6	36.5	30.1
Imports of goods and services	28.5	24.4	25.9	28.4	26.0
Statistical discrepancy	2.6	2.6	2.6	2.9	1.7
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

	2016	2017	2018	2019	2020*
Final consumption expenditure, total	101.4	101.6	102.7	107.4	99.0
of which:					
households	101.2	101.5	106.1	106.1	96.2
government administration	102.3	102.1	85.9	115.5	112.8
among which:					
individual goods and services	103.6	104.8	71.3	108.3	117.8
collective services	101.1	99.6	100.2	120.6	108.1
non-profit institutions serving households	103.1	103.8	104.9	105.1	96.5
Gross capital formation	102.5	103.1	102.9	112.2	98.0
of which:					
gross fixed capital formation	103.0	104.5	105.4	113.8	99.7
Exports of goods and services	95.5	108.0	109.6	102.0	87.9
Imports of goods and services	98.0	101.0	106.6	114.9	89.3
Gross domestic product	101.1	104.1	104.1	104.5	97.4

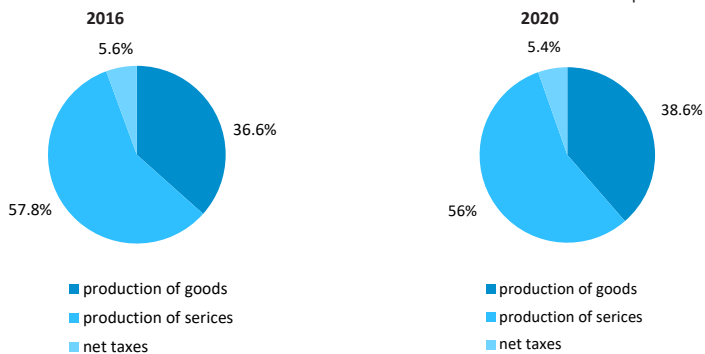
6.18 Composite demand, composite supply

million tenge

	2016	2017	2018	2019	2020*
Composite demand	59 111 614.9	66 273 776.9	76 225 152.4	87 247 857.0	87 911 232.4
Domestic demand	44 154 174.2	48 656 249.2	52 965 416.8	61 910 872.2	66 556 864.2
a) actual final consumption	31 083 238.5	34 326 070.3	37 350 907.1	42 700 693.7	46 408 456.3
individual	28 423 927.3	31 436 791.3	34 327 364.4	38 872 783.1	42 045 741.3
collective	2 659 311.2	2 889 279.0	3 023 542.7	3 827 910.6	4 362 715.0
b) gross capital formation	13 070 935.7	14 330 178.9	15 614 509.7	19 210 178.5	20 148 407.9
Exports	14 957 440.7	17 617 527.7	23 259 735.6	25 336 984.8	21 354 368.2
Composite supply	60 342 759.8	67 662 326.7	77 832 489.0	89 293 241.3	89 078 264.9
GDP	46 971 150.0	54 378 857.8	61 819 536.4	69 532 626.5	70 714 083.6
Imports	13 371 609.8	13 283 468.9	16 012 952.6	19 760 914.8	18 364 181.3
Statistical discrepancy	1 231 144.9	1 388 549.8	1 607 336.6	2 045 684.3	1 167 032.5

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

	2016	2017	2018	2019	2020
Fixed assets put into operation	5 699 780	7 891 673	21 798 269	7 710 033	7 966 175
Fixed capital investment	7 762 303	8 770 572	11 179 036	12 576 793	12 270 144

6.20 Fixed capital investment by type of ownership

million tenge

	2016	2017	2018	2019	2020
Fixed capital investment	7 762 303	8 770 572	11 179 036	12 576 793	12 270 144
of which:					
state	1 098 257	1 319 920	1 345 936	1 537 924	2 340 167
private	5 022 389	6 212 525	8 270 309	9 172 750	8 556 696
foreign	1 641 657	1 238 127	1 562 791	1 866 119	1 373 281

6.21 Sources of financing fixed capital investment

million tenge

	2016	2017	2018	2019	2020
Total	7 762 303	8 770 572	11 179 036	12 576 793	12 270 144
Including the funds of:					
state budget	1 326 307	1 432 805	1 421 156	1 527 039	2 351 434
own funds	4 571 116	5 959 295	8 177 424	9 803 540	8 432 198
banks loans	446 190	637 205	704 829	414 231	286 766

Continuation

	2016	2017	2018	2019	2020
of which:					
foreign banks loans	72 665	102 424	45 912	9 279	43 491
other borrowed funds	1 418 690	741 267	875 627	831 983	1 199 746
of which:					
non-residents' borrowed funds	620 551	241 663	326 819	391 363	347 297

6.22 Fixed capital investment by use way

million tenge

	2016	2017	2018	2019	2020
Total	7 762 303	8 770 572	11 179 036	12 576 793	12 270 144
of which:					
Agriculture, forestry and fishery	253 691	348 481	365 001	494 976	565 369
Industry	4 320 396	4 769 588	6 567 368	7 786 272	6 203 260
of which:					
mining industry and working out of open-cast mines	2 730 134	2 960 272	4 493 990	5 550 068	3 953 710
manufacturing industry	877 916	956 165	1 241 914	1 017 089	1 077 819
electrical supply, giving of gas, steam and air-conditioning	490 871	570 793	543 644	915 455	749 645
water supply; sewer system, the control over gathering and distribution of waste	221 475	282 358	287 820	303 660	422 086
Construction	63 667	92 918	114 244	122 513	128 772
Wholesale and retail trade; repair of motor vehicles and motorcycles	156 321	207 481	218 560	234 861	192 371
Transport and warehousing	1 176 239	1 262 907	1 453 136	1 223 766	1 311 117
Residing and catering services	80 780	129 496	192 132	148 385	143 236
Information and communication	57 739	79 041	99 246	103 483	168 996
Financial and insurance activities	61 523	60 083	65 554	90 765	78 317
Operations with real estate	916 233	1 128 005	1 410 117	1 632 802	2 157 873
Professional, scientific and technical activities	51 919	54 017	45 698	76 806	104 328
Activity in the field of administrative and auxiliary service	237 900	136 338	142 435	102 909	147 411
Governance and defence; obligatory social security	35 959	54 913	57 415	51 876	87 606
Education	207 507	257 223	205 265	209 162	297 263
Human health and social work activities	64 334	93 717	113 229	126 494	301 911
Arts, entertainment and recreation	68 779	75 131	104 210	155 896	351 043
Otherservices provision	9 316	21 233	25 426	15 827	31 271

6.23 Fixed capital investment by industrial branches

million tenge

	2016	2017	2018	2019	2020
Total industry	4 320 396	4 769 589	6 567 368	7 786 272	6 203 260
of which:					
Mining industry and working out of open-cast mines	2 730 134	2 960 272	4 493 990	5 550 068	3 953 710

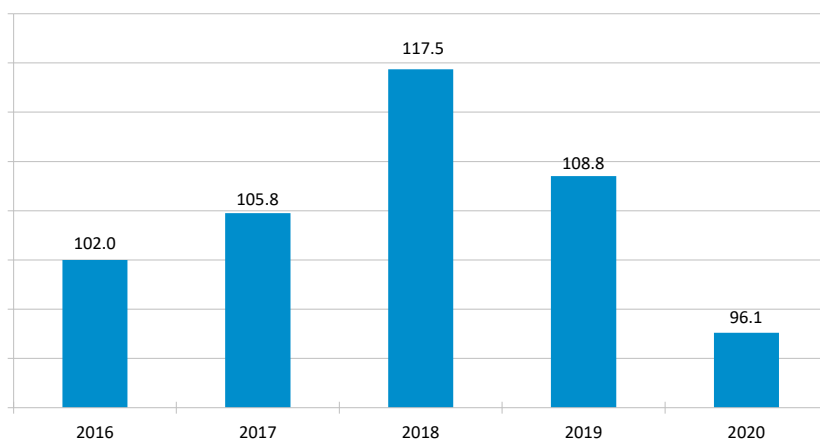
	2016	2017	2018	2019	2020
of which:					
mining of coal and lignite	29 741	59 526	76 069	102 249	89 808
extraction of crude petroleum and natural gas	1 904 096	2 374 467	3 852 731	4 717 137	3 176 116
mining of metal ores	425 049	343 482	465 338	622 918	602 999
other branches of mining	15 780	11 169	18 308	26 432	35 898
technical services in the mining field	355 468	171 628	81 544	81 332	48 889
Manufacturing industry	877 916	956 165	1 241 914	1 017 089	1 077 819
of which:					
manufacture of food products	68 223	91 978	125 651	90 154	109 055
manufacture of beverages products	15 262	15 920	22 743	24 361	21 908
manufacture of tobacco products	8 156	6 634	7 245	8 835	10 104
manufacture of textile products	3 287	1 073	7 349	7 684	2 905
manufacture of clothes	1 597	1 490	1 116	434	1 218
manufacture of leather, products of leather	1 510	2 079	349	1 134	1 229
manufacture of wooden and cork products, except furniture; manufacture of products from straws and materials for weaving	1 129	533	1 789	1 418	3 480
manufacture of paper and paperboard	8 148	11 496	7 293	7 437	5 695
printing and reproduction of recorded materials	1 732	2 249	1 953	1 900	763
manufacture of coke and refined petroleum products	236 509	386 018	526 707	180 175	68 025
manufacture of chemical industry	74 810	51 131	70 014	168 141	301 281
manufacture of pharmaceutical products	9 938	9 388	7 747	8 067	15 349
production of rubber and plastic products	11 573	11 293	8 433	9 274	14 388
manufacture of other non-metallic mineral products	68 886	83 295	104 523	101 092	67 182
metallurgy industry	314 240	187 644	269 946	320 000	372 005
manufacture of fabricated metallic products except machinery and equipment	12 460	25 989	17 301	23 873	14 553
manufacture of computing machinery, electronic and optical products	2 606	2 324	3 972	1 741	544
manufacture of electrical equipment	4 862	4 909	17 637	15 821	22 644
manufacture of machinery and equipment not included in other groupings	16 089	10 032	6 134	8 201	11 589
manufacture of motor vehicles, trailers and semi-trailers	1 253	4 792	4 734	13 535	16 490
manufacture of other transport equipment	3 016	27 817	12 089	2 966	1 924
manufacture of furniture	1 312	3 056	1 936	2 177	1 399
manufacture of other products	1 535	1 561	4 746	2 095	4 322
Repair and installation of machinery and equipment	9 783	13 464	10 507	16 574	9 767
Electrical supply, giving of gas, steam and air-conditioning	490 871	570 794	543 644	915 455	749 645
Water supply; sewer system, the control over gathering and distribution of waste	221 475	282 358	287 820	303 660	422 086
of which:					

Continuation

	2016	2017	2018	2019	2020
Collecting, purification and distribution of water	155 064	219 821	227 773	239 306	350 433
Sewage system, production and distribution of gaseous fuel	58 705	44 556	48 229	57 511	63 591
Collecting, processing and waste disposal; waste recycling	7 042	17 913	11 688	6 823	7 990
reclamation and other services in the waste disposal field	664	68	130	20	72

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

	2016	2017	2018	2019	2020
Internal and external costs of research and development work	89 509.8	92 732.4	99 706.7	118 070.7	116 742.9
of which:					
internal costs of research and development work	66 600.1	68 884.2	72 224.6	82 333.1	89 028.7
including:					
internal current expenditure on research and development	61 110.8	61 624.5	64 751.8	9 525.1	9 436.7
capital costs	5 489.3	7 259.7	7 472.8	72 808.0	79 592.1
external costs for research and development	22 909.7	23 848.2	27 482.1	35 737.6	27 714.1

6.25 Number of organizations engaged in research and development

	2016	2017	2018	2019	2020
Scientific organizations, units	383	386	384	386	396

6.26 Number of employees engaged in research and development

persons

	Total	Among which		
		researchers and technicians	support personnel	others
Total				
2016	22 985	17 421	3 326	2 238
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
among them those having academic degree of:				
Doctor of science				
2016	1 829	1 828	-	1
2017	1 822	1 818	-	4
2018	x	x	x	x
2019	1704	1 703	-	x
2020	1 883	1 883	-	-
PhD				
2016	462	456	3	3
2017	597	589	3	5
2018	869	856	x	x
2019	1 045	1 045	-	-
2020	1 757	1 755	-	x
Doctor on profile				
2016	509	493	13	3
2017	380	354	24	2
2018	x	x	x	x
2019	317	317	-	-
2020	62	62	-	-
Candidate of science				
2016	4 754	4 726	10	18
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

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

	2016	2017	2018	2019	2020
Number of organizations with postgraduate course	184	194	207	212	208
of which:					
post-graduates	105	107	113	114	109
doctors	63	70	76	78	79
students residency	16	17	18	20	20

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

thousand persons

	2016	2017	2018	2019	2020
Total number of post-graduates (end of the year)	32 893	34 609	38 594	35 690	34 619
Total number of persons working for post-graduates	19 074	18 829	21 714	15 018	15 245
of which:	15 018	15 196	16 379	12 747	12 927
those completed higher education graduation	16 445	18 268	19 233	20 249	21 372
Total number of post-graduates	10 246	10 852	11 302	12 033	12 744
of which:	16 344	18 210	18 879	18 633	19 362
women	10 194	10 823	11 268	10 981	11 478

6.29 Number of post-graduates by branches of science

persons

	2016	2017	2018	2019
Number of post-graduates - total	32 893	34 609	38 594	35 690
of which by branches of science:				
education	5 664	6 318	7 798	7 897
humanitarian	2 142	2 168	2 155	2 206
law	3 553	3 493	3 329	2 563
social science, economic and business	7 696	7 182	7 261	6 990
natural science	1 890	2 060	2 469	2 594
technical science and technology	8 693	9 679	10 798	9 891
agriculture	741	857	1 110	703
services	551	575	684	715

Continuation

	2020*
Number of post-graduates - total	34 619
of which by branches of science:*	
pedagogical sciences	10 733
art and humanitarian sciences	1 948
social sciences, journalism and information	1 134
business, management and law	6 795
natural sciences, mathematics and statistics	2 294
information and communication technology	2 965
engineering, manufacturing and construction industries	5 507
agriculture and bioresources	420

Continuation

	2020*
veterinary	171
health care	641
services	548
national security and warfare	116
unknown and undetermined	1 347

* 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

	2016	2017	2018	2019	2020
Total number of persons working for doctor's degree (end of the year)	2 710	3 603	5 609	6 363	6 914
of them those studied in:					
doctor's degree	93	113	264	149	237
PhD	2 617	3 490	5 345	6 214	6 677
Total number of persons working for doctor's degree	1 086	1 671	2 766	1 775	2 094
of which:					
doctor's degree	25	51	96	42	78
PhD	1 061	1 620	2 670	1 733	2 016
Total number of persons with doctor's degree conferred	619	721	721	905	1 446
of which:					
women	388	462	443	579	943
Total number of those defended a thesis	117	249	185	249	483
of which:					
women	75	146	104	158	326

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

persons

	2016	2017	2018	2019
Number of persons working for doctor's degree - total	2 710	3 603	5 609	6 363
of which by branches of science:				
education	287	421	792	897
humanitarian science	271	406	591	610
law	176	269	336	216
art	46	55	77	57
social science, economic and business	443	633	863	1 033
natural science	226	329	603	845
engineering	664	855	1 438	1 626
agriculture	143	130	231	220

Continuation

	2016	2017	2018	2019
services	40	52	67	124
medicine and social guarantee	243	295	377	452
veterinary science	41	52	88	83

Continuation

	2020*
Number of persons working for doctor's degree - total	6 914
of which by branches of science:*	
pedagogical sciences	989
art and humanitarian sciences	668
social sciences, journalism and information	370
business, management and law	861
natural sciences, mathematics and statistics	995
information and communication technology	517
engineering, manufacturing and construction industries	1 266
agriculture and bioresources	233
veterinary	83
health care	509
services	60
national security and warfare	70
unknown and undetermined	293

* 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

	2016	2017	2018	2019	2020
Number of enterprises with innovations, units	2 879	2 974	3 230	3 206	3 236
Level of the innovation activity of enterprises, %	9.3	9.6	10.6	11.3	11.5
Volume of the innovation produce, million tenge	445 775.7	844 734.9	1 064 067.4	1 113 566.5	1 715 500.1
Total expenses for technological innovations, million tenge	1 528 645.9	899 681.8	856 449.5	535 918.1	777 173.5

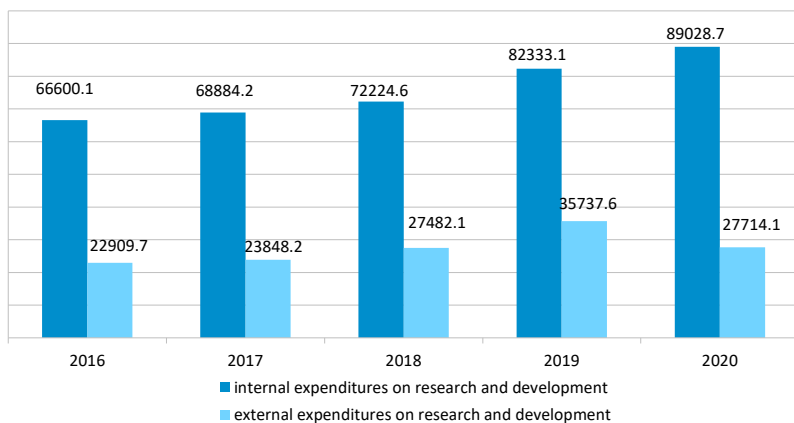
6.33 Expenses for product and process innovations by sources of finance

million tenge

	2016	2017	2018	2019	2020
Total	1 528 645.9	899 681.8	856 449.5	535 918.1	777 173.5
of which:					
republican budget	42 012.1	42 230.2	28 800.0	37 056.2	166 408.7
local budget	1 851.8	17 969.7	15 752.2	4 983.0	14 632.8
own means of enterprises	367 777.0	300 208.1	392 226.1	440 271.6	488 985.2
foreign investment	514 020.7	7 053.4	45 633.7	3 796.8	11 931.0
other means	602 984.3	532 220.6	374 037.5	49 810.5	95 215.8

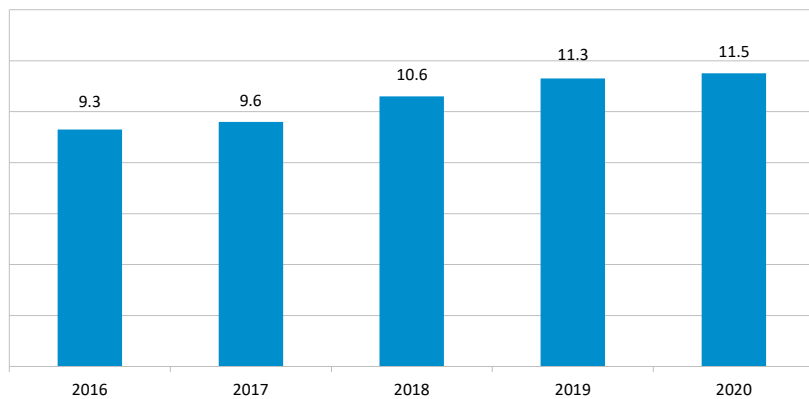
Gross expenditures on research and development

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, 2021

	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)	
Republic of Kazakhstan	461 983	25 386	408 059	672	11 118	28 538
Small	453 343	20 941	404 318	491	10 833	28 084
Medium	6 235	3 441	2 541	84	166	253
Large	2 405	1 004	1 200	97	119	201
Agriculture, forestry and fishing	18 843	65	18 497	12	402	281
Small	18 517	59	18 180	10	384	278
Medium	272	4	265	1	14	3
Large	54	2	52	1	4	-
Mining industry and working out of open-cast mines	4 461	-	4 043	12	286	418
Small	4 264	-	3 900	11	253	364
Medium	90	-	69	-	7	21
Large	107	-	74	1	26	33
Manufacturing industry	24 152	20	22 518	16	1 369	1 614
Small	23 447	16	21 907	13	1 282	1 524
Medium	460	1	408	1	55	51
Large	245	3	203	2	32	39
Electrical supply; giving of gas, steam and air-conditioning	1 683	99	1 491	33	91	93
Small	1 530	54	1 388	12	88	88
Medium	63	25	37	6	1	1
Large	90	20	66	15	2	4

	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)	
Water supply; sewer system, the control over gathering and distribution of water	2 724	219	2 396	54	82	109
Small	2 618	171	2 339	40	80	108
Medium	69	28	41	7	1	-
Large	37	20	16	7	1	1
Construction	62 077	36	58 837	45	1 093	3 204
Small	61 601	33	58 396	41	1 071	3 172
Medium	316	3	292	1	11	21
Large	160	-	149	3	11	11
Wholesale and retail trade; repair of motor vehicles and motorcycles	134 689	36	121 477	15	3 538	13 176
Small	134 099	35	121 013	11	3 511	13 051
Medium	426	1	343	3	18	82
Large	164	-	121	1	9	43
Transport and warehousing	17 934	37	16 801	36	444	1 096
Small	17 661	29	16 557	19	420	1 075
Medium	173	2	160	5	15	11
Large	100	6	84	12	9	10
Residing and catering services	8 143	17	7 380	2	250	746
Small	8 029	15	7 282	2	240	732
Medium	84	1	76	-	8	7
Large	30	1	22	-	2	7
Information and communication	12 525	79	11 741	122	438	705
Small	12 413	67	11 648	99	431	698
Medium	65	5	58	17	4	2
Large	47	7	35	6	3	5
Financial and insurance activities	8 834	9	8 417	38	192	408
Small	8 723	8	8 330	29	186	385
Medium	58	-	44	7	2	14
Large	53	1	43	2	4	9
Operations with real estate	18 984	50	18 227	28	398	707
Small	18 898	43	18 154	24	390	701
Medium	67	4	60	2	7	3
Large	19	3	13	2	1	3
Professional, scientific and technical activities	31 375	526	29 120	100	961	1 729
Small	31 106	462	28 951	85	950	1 693
Medium	199	49	135	9	9	15
Large	70	15	34	6	2	21
Activity in the field of administrative and auxiliary service	20 234	89	19 373	36	328	772
Small	19 895	76	19 064	27	322	755
Medium	207	7	190	5	2	10

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	132	6	119	4	4	7
Governance and defense; obligatory social security	9 527	9 403	122	16	1	2
Small	8 850	8 734	114	12	1	2
Medium	416	413	3	2	-	-
Large	261	256	5	2	-	-
Education	25 334	11 971	12 937	40	141	426
Small	22 563	9 375	12 763	16	139	425
Medium	2 558	2 450	107	3	-	1
Large	213	146	67	21	2	-
Human health and social work activities	8 155	1 274	6 625	22	122	256
Small	7 202	535	6 426	4	114	241
Medium	399	253	138	8	4	8
Large	554	486	61	10	4	7
Arts, entertainment and recreation	6 708	1 425	5 039	23	136	244
Small	6 435	1 199	4 995	16	130	241
Medium	232	194	36	5	4	2
Large	41	32	8	2	2	1
Other services provision	45 600	31	43 018	22	846	2 551
Small	45 491	30	42 911	20	841	2 550
Medium	81	1	79	2	4	1
Large	28	-	28	-	1	-

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

as of January 1, 2021

	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)	
Republic of Kazakhstan	461 983	25 386	408 059	672	11 118	28 538
Small	453 343	20 941	404 318	491	10 833	28 084
Medium	6 235	3 441	2 541	84	166	253
Large	2 405	1 004	1 200	97	119	201
Akmola	14 273	2 061	11 792	35	293	420
Small	13 954	1 899	11 649	31	282	406
Medium	231	112	115	3	7	4
Large	88	50	28	1	4	10
Aktobe	18 263	1 503	15 990	21	293	770
Small	17 918	1 310	15 863	16	281	745
Medium	250	154	82	1	6	14

	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	95	39	45	4	6	11
Almaty	23 705	2 306	20 798	53	390	601
Small	23 080	1 893	20 601	49	367	586
Medium	505	350	147	2	18	8
Large	120	63	50	2	5	7
Atyrau	13 398	1 028	11 669	19	392	701
Small	13 017	854	11 486	12	374	677
Medium	263	146	104	4	8	13
Large	118	28	79	3	10	11
Batys Kazakhstan	11 408	1 359	9 465	30	208	584
Small	11 085	1 160	9 348	23	200	577
Medium	240	153	82	3	3	5
Large	83	46	35	4	5	2
Zhambyl	13 578	1 622	10 827	28	126	1 129
Small	13 218	1 331	10 759	25	123	1 128
Medium	290	245	45	1	3	-
Large	70	46	23	2	-	1
Karagandy	31 119	1 966	27 785	59	680	1 368
Small	30 508	1 649	27 521	42	652	1 338
Medium	441	253	176	6	17	12
Large	170	64	88	11	11	18
Kostanai	14 255	1 856	11 521	17	281	878
Small	13 885	1 681	11 350	14	272	854
Medium	263	130	116	3	5	17
Large	107	45	55	-	4	7
Kyzylorda	10 795	1 284	9 394	18	61	117
Small	10 448	1 036	9 306	13	53	106
Medium	264	205	55	1	-	4
Large	83	43	33	4	8	7
Mangystau	15 610	808	13 952	23	362	850
Small	15 281	610	13 833	18	351	838
Medium	216	146	65	-	6	5
Large	113	52	54	5	5	7
Pavlodar	16 582	1 309	14 656	32	273	617
Small	16 236	1 133	14 508	26	262	595
Medium	256	139	108	4	3	9
Large	90	37	40	2	8	13
Soltustik Kazakhstan	10 294	1 435	8 237	30	315	622
Small	10 039	1 328	8 098	25	306	613
Medium	200	75	117	2	7	8
Large	55	32	22	3	2	1
Turkistan	15 452	2 342	12 971	44	131	139
Small	14 822	1 826	12 862	39	123	134

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)	
Medium	532	452	75	4	1	5
Large	98	64	34	1	7	-
Shygyz Kazakhstan	21 803	2 171	18 919	35	447	713
Small	21 227	1 830	18 709	28	435	688
Medium	427	265	150	3	10	12
Large	149	76	60	4	2	13
Nur-Sultan city	78 008	718	72 420	123	1 784	4 870
Small	77 236	394	72 006	63	1 765	4 836
Medium	461	187	256	31	16	18
Large	311	137	158	29	3	16
Almaty city	129 297	1 075	114 967	85	4 579	13 255
Small	127 670	691	113 912	50	4 497	13 067
Medium	1 090	266	710	15	47	114
Large	537	118	345	20	35	74
Shymkent city	24 143	543	22 696	20	503	904
Small	23 719	316	22 507	17	490	896
Medium	306	163	138	1	9	5
Large	118	64	51	2	4	3

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

active

	2016	2017	2018	2019	2020
Republic of Kazakhstan	177 884	187 900	196 648	211 740	216 482
Akmola	3 517	4 145	4 730	5 507	6 003
Aktobe	4 582	5 169	5 765	6 670	7 661
Almaty	42 118	44 973	44 965	45 123	45 592
Atyrau	2 063	2 238	2 448	2 746	3 046
Batys Kazakhstan	4 642	5 480	6 212	7 302	7 620
Zhambyl	15 578	16 099	16 629	18 075	17 996
Karagandy	6 685	7 745	8 671	10 416	11 257
Kostanai	4 622	5 128	5 702	6 112	6 307
Kyzylorda	3 464	5 047	6 434	8 286	10 896
Mangystau	1 355	1 681	2 081	2 394	2 622
Ontustuk Kazakhstan	67 932	68 602	-	-	-
Pavlodar	3 154	3 226	3 251	3 380	3 419
Soltustik Kazakhstan	2 788	3 206	3 732	4 517	4 404
Turkistan	-	-	67 793	71 102	68 727
Shygyz Kazakhstan	15 173	14 593	15 525	16 133	16 564
Nur-Sultan city	32	105	169	186	299
Almaty city	179	463	452	624	783
Shymkent city	-	-	2 089	3 167	3 286



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

	2016	2017	2018	2019	2020
Total	5 931 748	8 819 060	9 730 672	11 013 532	6 679 822
Agriculture, forestry and fishing	4 706	71 609	30 451	105 518	146 503
Mining and quarrying	2 369 873	3 819 446	6 295 007	5 294 456	2 365 795
Manufacturing	1 163 171	1 325 461	1 219 902	1 461 491	1 689 754
Electricity, gas, steam and air conditioning supply	167 912	100 791	223 095	46 490	37 160
Water supply; sewerage, waste management and remediation activities	4 449	3 590	3 434	-1 949	-2 068
Construction	993 990	292 972	82 289	572 490	489 562
Wholesale and retail trade; repair of motor vehicles and motorcycles	148 252	233 344	396 571	519 482	619 708
Transportation and storage	705 393	945 125	559 551	1 170 788	808 701
Accommodation and food service activities	41 048	17 761	-2 544	34 860	1 958
Information and communication	72 775	167 468	149 065	176 257	244 264
Financial and insurance activities	63 741	1 314 974	72 939	13 526	29 015
Real estate activities	38 389	29 854	50 938	96 277	27 919
Professional, scientific and technical activities	79 381	416 696	616 221	1 428 487	153 256
Administrative and support service activities	69 395	83 550	54 514	80 649	79 118
Arts, entertainment and recreation	9 332	-8 897	-24 062	3 223	-7 390
Other service activities	-59	5 316	3 301	11 487	-3 433

6.38 Income from sale of output and services rendering

million tenge

	2016	2017	2018	2019	2020
Total	33 107 389	38 706 602	44 642 924	49 701 796	46 675 618
Agriculture, forestry and fishing	450 254	524 512	533 748	607 251	672 951
Mining and quarrying	8 608 846	10 305 442	13 317 567	14 034 965	10 243 422
Manufacturing	6 358 983	7 486 506	8 446 819	9 310 221	10 509 338
Electricity, gas, steam and air conditioning supply	1 507 407	1 646 754	1 769 611	1 694 229	1 883 472
Water supply; sewerage, waste management and remediation activities	142 733	134 145	153 359	179 711	186 357
Construction	4 063 452	3 243 529	3 060 922	3 720 428	3 282 756
Wholesale and retail trade; repair of motor vehicles and motorcycles	5 488 321	6 573 203	8 321 620	9 607 210	9 950 523
Transportation and storage	3 329 525	3 886 176	4 788 181	5 379 770	5 269 996
Accommodation and food service activities	249 428	346 749	398 770	414 868	373 999
Information and communication	824 710	925 850	997 336	1 119 693	1 248 740
Financial and insurance activities	445 921	1 808 352	535 708	565 312	545 345
Real estate activities	128 144	148 015	187 395	208 908	174 425
Professional, scientific and technical activities	1 010 004	895 670	1 261 624	1 612 628	1 333 542
Administrative and support service activities	413 717	620 107	749 223	904 507	841 702
Arts, entertainment and recreation	67 467	75 403	70 781	299 588	132 196
Other service activities	18 477	86 189	50 260	42 507	26 854

6.39 Cost price of sale of output and services rendering

million tenge

	2016	2017	2018	2019	2020
Total	22 160 375	24 499 143	28 025 938	32 040 427	32 307 382
Agriculture, forestry and fishing	386 024	438 686	449 192	484 890	529 561
Mining and quarrying	4 198 140	4 405 439	5 268 474	5 890 344	5 470 800
Manufacturing	4 346 626	5 016 486	5 636 716	6 545 357	7 205 612
Electricity, gas, steam and air conditioning supply	1 215 081	1 314 480	1 431 840	1 455 636	1 604 957
Water supply; sewerage, waste management and remediation activities	120 222	112 345	132 171	154 690	179 807
Construction	3 068 378	2 672 180	2 423 691	2 898 414	2 550 230
Wholesale and retail trade; repair of motor vehicles and motorcycles	4 493 905	5 329 216	6 501 172	7 464 870	7 831 080
Transportation and storage	2 223 080	2 606 098	3 149 254	3 495 300	3 615 257
Accommodation and food service activities	158 384	235 776	284 495	300 540	298 086
Information and communication	570 102	651 976	661 700	749 588	780 347
Financial and insurance activities	360 131	457 145	453 639	483 863	427 508
Real estate activities	57 294	58 236	80 719	104 365	113 666
Professional, scientific and technical activities	676 187	575 527	848 598	1 072 153	969 494
Administrative and support service activities	241 193	516 154	626 906	691 325	641 509
Arts, entertainment and recreation	36 992	49 963	38 213	226 900	74 402
Other service activities	8 636	59 436	39 158	22 192	15 066

6.40 Debt on liabilities

million tenge

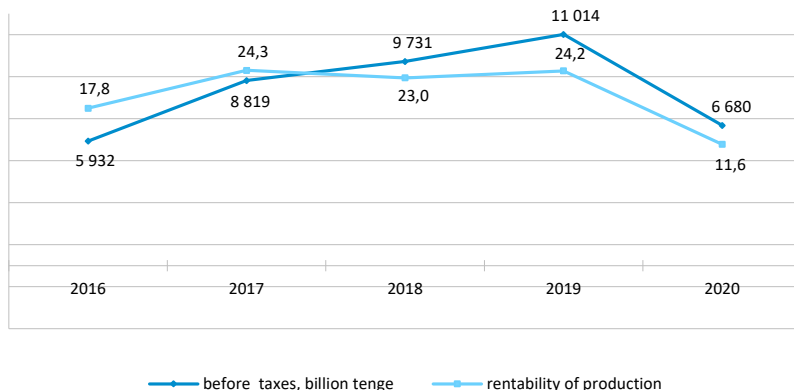
	2016	2017	2018	2019	2020
Total	42 969 815	44 055 950	48 108 123	51 326 640	53 638 940
Agriculture, forestry and fishing	1 244 758	1 209 025	1 291 074	1 097 903	901 937
Mining and quarrying	8 737 147	8 325 743	9 375 074	10 540 857	11 704 366
Manufacturing	7 520 655	7 962 130	8 455 645	9 365 852	9 949 253
Electricity, gas, steam and air conditioning supply	1 560 544	1 673 577	1 675 260	1 705 367	1 878 136
Water supply; sewerage, waste management and remediation activities	189 698	204 101	177 948	272 184	482 432
Construction	3 673 320	2 972 857	3 655 766	3 898 504	3 645 713
Wholesale and retail trade; repair of motor vehicles and motorcycles	4 116 658	4 461 722	4 654 370	4 873 049	4 879 486
Transportation and storage	8 507 596	8 261 977	8 637 010	8 162 989	8 325 252
Accommodation and food service activities	251 684	325 666	518 652	443 572	571 488
Information and communication	823 451	604 767	701 975	867 582	963 107
Financial and insurance activities	853 880	938 229	1 165 547	2 915 162	3 606 349
Real estate activities	458 026	567 637	812 772	712 812	627 830
Professional, scientific and technical activities	4 327 797	5 499 783	5 896 796	5 245 461	4 968 670
Administrative and support service activities	565 903	872 576	893 838	958 087	890 280
Arts, entertainment and recreation	106 077	77 627	157 740	206 231	201 277
Other service activities	32 621	98 533	38 656	61 028	43 364

6.41 Debtor indebtedness

million tenge

	2016	2017	2018	2019	2020
Total	8 612 623	8 679 346	8 988 222	9 961 018	10 251 381
Agriculture, forestry and fishing	532 603	552 642	512 317	397 944	322 272
Mining and quarrying	1 325 902	1 458 080	1 476 967	2 013 300	1 973 757
Manufacturing	1 938 003	2 184 200	2 249 550	2 271 260	2 557 348
Electricity, gas, steam and air conditioning supply	221 439	230 879	259 466	270 290	349 401
Water supply; sewerage, waste management and remediation activities	29 632	23 037	25 578	30 915	33 167
Construction	1 966 035	1 247 030	1 382 047	1 589 804	1 451 987
Wholesale and retail trade; repair of motor vehicles and motorcycles	1 052 530	1 146 040	1 006 596	1 192 724	1 312 400
Transportation and storage	584 658	649 549	716 163	605 236	659 670
Accommodation and food service activities	70 611	125 424	98 163	89 249	85 144
Information and communication	172 455	151 611	167 226	174 712	172 153
Financial and insurance activities	68 473	223 179	206 600	328 543	540 115
Real estate activities	138 353	143 577	117 304	119 208	134 785
Professional, scientific and technical activities	358 196	315 948	505 171	534 834	370 401
Administrative and support service activities	133 387	200 690	211 556	286 240	231 301
Arts, entertainment and recreation	12 470	7 309	33 696	48 365	8 893
Other service activities	7 876	20 151	19 822	8 394	48 587

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 2016-2020.

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 non-residents. 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

	2016	2017	2018	2019	2020
Current Account	-8 132.1	-5 101.9	-138.5	-7 296.4	-6 272.8
Trade balance	9 253.4	16 727.8	25 579.2	18 130.5	10 506.2
Exports	35 485.8	47 301.0	59 826.3	58 164.6	46 714.5
Imports	26 232.4	30 573.2	34 247.1	40 034.2	36 208.3
Services	-3 762.4	-3 577.8	-4 661.5	-3 716.9	-3 064.3
Exports	6 084.5	6 504.9	7 319.9	7 745.3	5 032.0
Imports	9 846.9	10 082.6	11 981.4	11 462.2	8 096.4
Primary income	-13 450.3	-18 148.5	-21 974.4	-22 752.2	-14 930.1
Compensation of employees, net	-1 433.7	-1 501.3	-1 583.9	-1 599.4	-899.9
Investment income, net	-12 156.5	-16 782.3	-20 525.5	-21 284.7	-14 157.0
Income receivable	2 112.6	2 309.4	2 481.9	2 376.2	1 922.0
Income on direct investment	597.8	795.5	653.0	655.0	372.1
Income on portfolio investment	1 084.7	1 031.4	1 215.9	1 273.5	1 181.1
Income on other investments	430.0	482.5	613.0	447.7	368.9
of which interest on international reserves and assets of the National Fund	1 119.8	1 161.2	1 311.8	1 171.8	969.7
Income payable	14 269.1	19 091.7	23 007.4	23 660.9	16 079.0
Income on direct investment	11 915.1	16 532.0	20 351.4	21 256.0	13 908.4
Income on portfolio investment	1 191.0	1 198.5	1 181.8	991.5	901.0
Income on other investments	1 163.0	1 361.2	1 474.2	1 413.5	1 269.7
Other primary incomes, net	139.8	135.0	135.0	131.9	126.8
Secondary income	-172.7	-103.4	918.2	1 042.3	1 215.4
Capital account balance	269.5	346.8	203.4	193.7	-44.4
Financial account (excluding reserve assets)	-7 894.2	-5 478.4	2 705.8	1 611.4	-15 304.6
Direct investment	-13 746.4	-3 756.1	-4 722.7	-5 498.1	-5 905.4
Net acquisition of financial assets	3 474.6	956.5	-4 639.3	-2 177.5	1 359.3
Net incurrence of liabilities	17 221.0	4 712.6	83.4	3 320.6	7 264.6
Portfolio investment	746.2	-5 398.3	2 901.9	5 127.3	-7 676.4
Net acquisition of financial assets	-1 250.2	-3 246.9	-728.7	4 895.3	-6 683.5
Central bank and general government	-2 609.5	-5 803.8	-854.3	1 893.5	-7 569.1
Banks	150.6	872.2	-91.9	748.8	-746.6
Other sectors	1 208.6	1 684.7	217.6	2 253.0	1 632.2
Net incurrence of liabilities	-1 996.4	2 151.4	-3 630.6	-232.1	992.8
Central bank and general government	-795.0	-83.2	-73.5	1 270.8	854.9
Banks	-911.9	-836.6	-164.5	-96.9	-167.3
Other sectors	-289.5	3 071.2	-3 392.5	-1 406.0	305.2
Financial derivatives, net	-24.8	115.5	109.4	-81.3	71.2
Other investments	5 130.8	3 560.6	4 417.2	2 063.5	-1 794.1
Other equities, net	-24.2	37.0	33.7	17.5	31.4
Medium- and long term debt instruments	-4 218.5	-466.0	2 426.7	-326.6	-2 020.7
Net acquisition of financial assets	-1 520.9	-419.4	-4.5	59.8	-586.0
Central bank and general government	-188.8	-33.6	-14.0	-4.4	-6.5
Banks	-316.1	-44.9	-44.2	119.1	142.4
Other sectors	-1 016.0	-340.8	53.7	-54.9	-721.9
Net incurrence of liabilities	2 697.6	46.6	-2 431.2	386.4	1 434.7

Continuation

	2016	2017	2018	2019	2020
Central bank and general government	842.6	-177.1	-284.7	-717.8	356.7
Banks	52.9	-235.2	-645.7	-512.1	137.7
Other sectors	1 802.1	458.9	-1 500.8	1 616.3	940.4
Short term debt instruments	9 373.4	3 989.6	1 956.8	2 372.6	195.2
Net acquisition of financial assets	9 564.4	4 921.7	3 223.9	3 355.9	1 433.2
Net incurrence of liabilities	190.9	932.1	1 267.1	983.4	1 238.0
Net errors and omissions	-103.4	-2 088.9	1 114.6	2 114.4	-9 877.0
Overall balance	71.7	1 365.5	1 526.2	6 599.7	889.7
Financing	-71.7	-1 365.5	-1 526.2	-6 599.7	-889.7
Reserve assets NBK	-71.7	-1 365.5	-1 526.2	-6 599.7	-889.7
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

	2016	2017	2018	2019	2020
Current account	-8 132.1	-5 101.9	-138.5	-7 296.4	-6 272.8
Goods	9 253.4	16 727.8	25 579.2	18 130.5	10 506.2
Credit (Exports)	35 485.8	47 301.0	59 826.3	58 164.6	46 714.5
General merchandise on a balance of payments basis	35 463.1	47 259.5	59 795.6	58 082.3	46 774.5
official statistics	36 736.9	48 503.3	61 111.2	58 065.6	46 949.7
adjustments	-1 273.8	-1 243.7	-1 315.7	16.7	-175.2
Net exports of goods under merchanting	8.5	41.5	21.1	76.9	-66.5
Nonmonetary gold	14.2	0.0	9.6	5.5	6.5
Debit (Imports)	26 232.4	30 573.2	34 247.1	40 034.2	36 208.3
General merchandise on a balance of payments basis	26 212.6	30 544.0	34 238.4	39 758.5	35 874.4
official statistics	25 376.7	29 599.6	33 658.5	39 709.3	38 081.4
adjustments	835.8	944.3	579.8	49.2	-2 207.1
Nonmonetary gold	19.9	29.2	8.7	275.6	333.9
Services	-3 762.4	-3 577.8	-4 661.5	-3 716.9	-3 064.3
Credit (Exports)	6 084.5	6 504.9	7 319.9	7 745.3	5 032.0
Manufacturing services on physical inputs owned by others	6.5	8.7	28.9	70.1	70.1
Maintenance and repair services n.i.e.	38.4	61.4	73.5	79.7	51.7
Transport	3 275.6	3 458.4	4 011.7	3 973.8	3 355.3
Passenger	179.7	220.5	396.1	459.4	129.8
Freight	2 851.1	2 932.2	3 236.1	3 134.4	2 923.4
Others	236.7	295.8	370.4	363.6	289.4
Postal and courier services	8.1	9.8	9.1	16.4	12.7
Travel	1 858.5	2 135.4	2 254.6	2 463.3	458.8
Construction	9.7	7.5	22.5	51.0	76.7
Insurance and pension services	56.8	84.2	77.9	97.4	140.8
Financial services	20.1	19.7	15.2	83.1	115.0
Charges for the use of intellectual property n.i.e.	1.1	0.7	0.9	2.8	1.4

	2016	2017	2018	2019	2020
Telecommunications, computer, and information services	124.4	116.1	122.5	129.9	143.4
Other business services	476.2	368.7	461.9	512.3	422.2
Research and development services	6.3	5.7	5.5	7.0	21.3
Professional and management consulting services	99.4	109.5	118.0	144.7	124.0
Technical, trade-related, and other business services	370.5	253.5	338.4	360.7	276.9
Personal, cultural, and recreational services	0.2	0.4	0.9	3.6	1.5
Government goods and services n.i.e.	217.1	243.6	249.4	278.4	195.1
Debit (Imports)	9 846.9	10 082.6	11 981.4	11 462.2	8 096.4
Manufacturing services on physical inputs owned by others	125.8	160.6	188.0	185.4	157.0
Maintenance and repair services n.i.e.	264.2	342.1	481.7	387.5	376.1
Transport	1 569.7	1 735.4	2 103.2	2 502.0	2 138.9
Passenger	133.4	134.8	165.3	192.2	35.4
Freight	1 195.0	1 336.8	1 552.5	1 857.3	1 846.0
Others	221.0	253.2	375.0	442.0	252.4
Postal and courier services	20.4	10.5	10.4	10.5	5.1
Travel	2 446.5	2 559.8	2 686.9	2 763.1	826.0
Construction	506.3	318.9	444.4	149.4	124.3
Insurance and pension services	46.5	44.5	43.6	39.6	43.9
Financial services	383.1	225.6	248.1	241.8	212.7
Charges for the use of intellectual property n.i.e.	126.9	117.1	167.7	141.3	146.2
Telecommunications, computer, and information services	281.0	294.8	398.9	401.4	428.7
Other business services	3 878.8	4 009.0	5 035.1	4 472.3	3 484.0
Research and development services	12.7	10.1	12.0	15.3	18.3
Professional and management consulting services	1 396.3	841.3	1 518.7	1 096.3	931.6
Technical, trade-related, and other business services	2 469.9	3 157.6	3 504.3	3 360.7	2 534.1
Personal, cultural, and recreational services	57.2	141.3	52.0	47.3	30.9
Government goods and services n.i.e.	160.9	133.6	131.8	131.0	127.6
Primary income	-13 450.3	-18 148.5	-21 974.4	-22 752.2	-14 930.1
Credit	2 256.3	2 448.3	2 620.9	2 511.9	2 052.7
Compensation of employees	3.9	3.9	3.9	3.9	3.9
Investment income	2 112.6	2 309.4	2 481.9	2 376.2	1 922.0
Direct investment	597.8	795.5	653.0	655.0	372.1
Income on equity and investment fund shares	113.2	266.0	361.3	473.2	168.5
Dividends and withdrawals from income of quasi-corporations	196.4	172.4	314.0	387.8	179.2
Direct investor in direct investment enterprises	196.4	172.4	310.3	384.7	179.2
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	3.6	3.1	0.0
Reinvested earnings	-83.1	93.6	47.3	85.4	-10.7
Interest	484.6	529.5	291.7	181.8	203.6

	2016	2017	2018	2019	2020
Direct investor in direct investment enterprises	11.5	12.4	14.3	12.5	11.5
Direct investment enterprises in direct investor (reverse investment)	428.3	450.3	211.2	152.0	173.8
Investments between fellow enterprises	44.8	66.7	66.2	17.3	18.3
Memorandum: Interest before FISIM	484.6	529.5	291.7	181.8	203.6
Portfolio investment	1 084.7	1 031.4	1 215.9	1 273.5	1 181.1
Investment income on equity and investment fund shares	231.4	259.8	289.5	299.9	258.8
Interest	853.4	771.6	926.4	973.7	922.3
Other investments	255.5	219.0	299.0	244.6	238.5
Withdrawals from income of quasi-corporations	3.0	4.4	6.4	0.7	0.1
Interest	252.6	214.6	292.6	243.9	238.4
Memorandum: Interest before FISIM	252.6	214.6	292.6	243.9	238.4
Investment income attributable to policyholders in insurance, pension schemes, and standardized guarantees	0.0	0.0	0.0	0.0	0.0
Reserve assets	174.5	263.5	314.1	203.1	130.3
Income on equity and investment fund shares	0.1	0.0	0.0	0.0	0.2
Interest	174.4	263.5	314.1	203.1	130.1
Other primary incomes	139.8	135.0	135.0	131.9	126.8
Rent	139.8	135.0	135.0	131.9	126.8
Debit	15 706.6	20 596.9	24 595.2	25 264.2	16 982.8
Compensation of employees	1 437.5	1 505.2	1 587.8	1 603.3	903.8
Investment income	14 269.1	19 091.7	23 007.4	23 660.9	16 079.0
Direct investment	11 915.1	16 532.0	20 351.4	21 256.0	13 908.4
Income on equity and investment fund shares	8 307.1	12 281.1	15 353.1	16 091.9	9 972.7
Dividends and withdrawals from income of quasi-corporations	2 929.0	8 525.0	8 664.9	7 085.4	4 989.7
Direct investor in direct investment enterprises	2 924.4	8 503.6	8 626.7	7 049.9	4 967.8
Direct investment enterprises in direct investor (reverse investment)	0.0	0.0	0.0	0.0	0.0
Investments between fellow enterprises	4.6	21.4	38.2	35.5	21.8
Reinvested earnings	5 378.1	3 756.1	6 688.2	9 006.5	4 983.0
Interest	3 607.9	4 250.9	4 998.3	5 164.1	3 935.6
Direct investor in direct investment enterprises	2 625.1	3 101.4	3 785.5	4 087.0	3 079.9
Direct investment enterprises in direct investor (reverse investment)	146.8	288.6	324.9	333.6	346.2
Investments between fellow enterprises	836.1	860.9	887.9	743.5	509.6
Memorandum: Interest before FISIM	3 607.9	4 250.9	4 998.3	5 164.1	3 935.6
Portfolio investment	1 191.0	1 198.5	1 181.8	991.5	901.0
Investment income on equity and investment fund shares	16.3	45.7	57.5	102.9	58.4
Interest	1 174.7	1 152.8	1 124.3	888.6	842.6
Other investments	1 163.0	1 361.2	1 474.2	1 413.5	1 269.7
Withdrawals from income of quasi-corporations	1.2	0.5	0.5	0.5	0.4
Interest	1 161.9	1 360.6	1 473.7	1 413.0	1 269.3
Memorandum: Interest before FISIM	1 161.9	1 360.6	1 473.7	1 413.0	1 269.3

	2016	2017	2018	2019	2020
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	-172.7	-103.4	918.2	1 042.3	1 215.4
Credit (receivable)	1 701.5	2 088.6	2 965.5	3 027.4	3 256.7
General government	1 224.3	1 444.8	2 260.6	2 289.1	2 712.1
Financial corporations, nonfinancial corporations, households, and NPISHs	477.2	643.7	704.9	738.4	544.6
Personal transfers (current transfers between resident and nonresident households)	380.3	556.5	614.2	502.2	370.5
Other current transfers	96.9	87.2	90.7	236.2	174.1
Debit (payable)	1 874.2	2 191.9	2 047.3	1 985.2	2 041.2
General government	584.1	656.2	651.5	653.0	613.4
Financial corporations, nonfinancial corporations, households, and NPISHs	1 290.1	1 535.8	1 395.8	1 332.1	1 427.8
Personal transfers (current transfers between resident and nonresident households)	958.6	1 185.5	1 092.3	1 056.9	1 177.1
Other current transfers	331.5	350.2	303.5	275.2	250.7
Capital account	269.5	346.8	203.4	193.7	-44.4
Credit	280.4	351.3	279.8	216.6	288.0
Gross disposals (CR.) of nonproduced nonfinancial assets	0.0	0.0	0.0	0.0	0.0
Capital transfers	280.4	351.3	279.8	216.6	288.0
General government	0.0	0.0	0.0	23.2	1.5
Debt forgiveness	0.0	0.0	0.0	0.0	0.0
Other capital transfers	0.0	0.0	0.0	23.2	1.5
Financial corporations, nonfinancial corporations, households, and NPISHs	280.4	351.3	279.8	193.5	286.5
Debt forgiveness	276.4	284.8	82.6	186.6	280.0
Other capital transfers	4.0	66.5	197.2	6.9	6.5
Debit	10.9	4.4	76.4	22.9	332.4
Gross acquisitions (DR.) of nonproduced nonfinancial assets	0.4	1.4	1.4	1.5	1.3
Capital transfers	10.5	3.1	75.0	21.4	331.2
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	10.5	3.1	75.0	21.4	331.2
Debt forgiveness	10.3	2.2	74.9	4.5	331.2
Other capital transfers	0.1	0.9	0.0	16.9	0.0
Net lending (+) / net borrowing (-) (balance from current and capital account)	-7 862.6	-4 755.0	65.0	-7 102.7	-6 317.3
Financial account	-7 966.0	-6 843.9	1 179.5	-4 988.3	-16 194.3
Net lending (+) / net borrowing (-) (balance from financial account) (B9)	-7 966.0	-6 843.9	1 179.5	-4 988.3	-16 194.3

	2016	2017	2018	2019	2020
Direct investment	-13 746.4	-3 756.1	-4 722.7	-5 498.1	-5 905.4
Net acquisition of financial assets	3 474.6	956.5	-4 639.3	-2 177.5	1 359.3
Equity and investment fund shares	1 209.3	1 007.3	-871.6	-2 268.2	777.3
Equity other than reinvestment of earnings	1 292.5	913.7	-918.9	-2 353.6	788.1
Direct investor in direct investment enterprises	1 292.5	913.7	-918.9	-2 353.6	788.1
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	-83.1	93.6	47.3	85.4	-10.7
Debt instruments	2 265.2	-50.8	-3 767.7	90.7	581.9
Direct investor in direct investment enterprises	-162.3	-26.0	-19.8	4.9	80.8
Direct investment enterprises in direct investor (reverse investment)	2 453.7	105.1	-3 492.1	-12.3	632.0
Investments between fellow enterprises	-26.2	-129.9	-255.8	98.1	-130.8
Net incurrence of liabilities	17 221.0	4 712.6	83.4	3 320.6	7 264.6
Equity and investment fund shares	9 041.8	5 748.1	2 648.7	6 684.4	5 694.9
Equity other than reinvestment of earnings	3 663.7	1 992.0	-4 039.5	-2 322.1	711.8
Direct investor in direct investment enterprises	3 663.7	1 992.0	-4 040.1	-2 322.2	711.7
Direct investment enterprises in direct investor (reverse investment)	0.0	0.0	0.0	0.1	0.1
Investments between fellow enterprises	0.0	0.0	0.6	0.0	0.0
Reinvestment of earnings	5 378.1	3 756.1	6 688.2	9 006.5	4 983.0
Debt instruments	8 179.1	-1 035.5	-2 565.3	-3 363.8	1 569.8
Direct investor in direct investment enterprises	2 052.3	2 300.1	78.8	-536.7	263.7
Direct investment enterprises in direct investor (reverse investment)	6 113.3	-417.6	-90.7	387.7	2 912.6
Investments between fellow enterprises	13.5	-2 918.0	-2 553.5	-3 214.8	-1 606.5
Portfolio investment	746.2	-5 398.3	2 901.9	5 127.3	-7 676.4
Net acquisition of financial assets	-1 250.2	-3 246.9	-728.7	4 895.3	-6 683.5
Equity and investment fund shares	1 157.3	1 216.2	184.4	730.9	1 654.1
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	-0.8	-0.3	0.0	0.0	0.0
General government	1 201.5	850.6	-24.8	377.4	821.6
Other sectors	-43.4	366.0	209.2	353.4	832.5
Other financial corporations	-29.1	33.0	88.7	263.2	757.3
Nonfinancial corporations, households, and NPISHs	-14.3	333.0	120.5	90.2	75.2
Debt securities	-2 407.5	-4 463.2	-913.1	4 164.4	-8 337.6
Central bank	-75.5	0.0	0.0	0.0	0.0
Short-term	-20.0	0.0	0.0	0.0	0.0
Long-term	-55.6	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	151.4	872.6	-91.9	748.8	-746.6
Short-term	361.2	634.4	-291.1	233.6	-950.9
Long-term	-209.7	238.2	199.2	515.1	204.3
General government	-3 735.4	-6 654.4	-829.6	1 516.0	-8 390.6
Short-term	-5 042.1	-3 718.2	-4 335.2	-594.7	-99.0
Long-term	1 306.6	-2 936.3	3 505.7	2 110.7	-8 291.6

	2016	2017	2018	2019	2020
Other sectors	1 252.1	1 318.7	8.4	1 899.6	799.7
Short-term	552.1	1 499.2	-621.9	1 620.4	-1 136.5
Long-term	699.9	-180.5	630.3	279.3	1 936.1
Other financial corporations	1 260.3	1 224.3	79.2	758.7	1 459.9
Short-term	558.2	1 402.5	-524.0	571.9	-1 042.6
Long-term	702.1	-178.2	603.3	186.8	2 502.5
Nonfinancial corporations, households, and NPISHs	-8.2	94.4	-70.8	1 140.9	-660.3
Short-term	-6.1	96.6	-97.9	1 048.4	-93.9
Long-term	-2.1	-2.3	27.1	92.5	-566.4
Net incurrence of liabilities	-1 996.4	2 151.4	-3 630.6	-232.1	992.8
Equity and investment fund shares	-27.1	21.9	-1 520.0	480.6	346.3
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	-14.4	4.5	2.2	368.1	-6.1
General government	0.0	0.0	0.0	0.0	0.0
Other sectors	-12.7	17.4	-1 522.2	112.5	352.3
Other financial corporations	-0.5	25.7	13.4	1.1	338.9
Nonfinancial corporations, households, and NPISHs	-12.2	-8.2	-1 535.6	111.4	13.5
Debt securities	-1 969.3	2 129.5	-2 110.5	-712.7	646.5
Central bank	219.4	207.1	-75.2	122.5	470.8
Short-term	219.4	207.1	-75.2	122.5	470.8
Long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	-897.6	-841.1	-166.7	-465.0	-161.2
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-897.6	-841.1	-166.7	-465.0	-161.2
General government	-1 014.4	-290.3	1.7	1 148.3	384.1
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-1 014.4	-290.3	1.7	1 148.3	384.1
Other sectors	-276.8	3 053.8	-1 870.4	-1 518.5	-47.1
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-276.8	3 053.8	-1 870.4	-1 518.5	-47.1
Other financial corporations	-2.0	11.9	-506.2	-1 008.5	204.7
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-2.0	11.9	-506.2	-1 008.5	204.7
Nonfinancial corporations, households, and NPISHs	-274.8	3 041.8	-1 364.2	-510.0	-251.8
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-274.8	3 041.8	-1 364.2	-510.0	-251.8
Financial derivatives (other than reserves) and employee stock options	-24.8	115.5	109.4	-81.3	71.2
Net acquisition of financial assets	-22.1	-31.7	96.2	-53.8	17.8
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except the Central bank	-9.9	-20.6	66.5	-33.7	41.0
General government	12.8	-12.8	30.1	0.2	-1.7
Other sectors	-25.0	1.8	-0.3	-20.3	-21.5

	2016	2017	2018	2019	2020
Other financial corporations	1.7	0.5	0.0	0.0	0.8
Nonfinancial corporations, households, NPISHs	-26.7	1.3	-0.3	-20.3	-22.3
Net incurrence of liabilities	2.8	-147.2	-13.2	27.5	-53.4
Central bank	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except Central bank	1.9	-137.4	23.1	31.7	-53.4
General government	0.0	0.0	0.0	0.0	0.0
Other sectors	0.9	-9.8	-36.3	-4.2	0.0
Other financial corporations	-1.0	-0.8	0.0	0.0	0.0
Nonfinancial corporations, households, NPISHs	1.8	-9.0	-36.3	-4.2	0.0
Other investments	5 130.8	3 560.6	4 417.2	2 063.5	-1 794.1
Net acquisition of financial assets	8 021.1	4 541.1	3 255.4	3 434.8	879.7
Other equities	-22.4	38.8	36.0	19.1	32.5
Currency and deposits	8 891.7	773.0	-545.7	-904.0	-808.8
Central banks	-308.5	-49.2	-1.8	37.2	1.2
Short-term	-139.4	-23.5	1.0	37.2	1.2
Long-term	-169.1	-25.7	-2.9	0.0	0.0
Deposit-taking corporations, except Central bank	1 902.8	-790.3	-260.8	1 209.6	-769.6
Of which: Interbank positions	1 693.6	-433.8	-168.8	1 220.2	-1 063.9
Short-term	1 925.7	-843.1	-200.5	1 196.1	-936.4
Long-term	-22.9	52.8	-60.3	13.5	166.9
General government	750.9	-379.0	2 601.9	-1 909.3	96.8
Short-term	750.9	-379.0	2 601.9	-1 909.3	96.8
Long-term	0.0	0.0	0.0	0.0	0.0
Other sectors	6 546.5	1 991.5	-2 885.0	-241.6	-137.2
Short-term	6 729.4	2 136.6	-2 863.6	-491.6	-10.1
Long-term	-182.9	-145.1	-21.3	250.0	-127.1
Other financial corporations	-122.0	834.8	109.6	947.8	-1 260.7
Short-term	-29.1	842.8	118.6	947.8	-1 260.7
Long-term	-92.9	-8.0	-9.0	0.0	0.0
Nonfinancial corporations, households, NPISHs	6 668.5	1 156.7	-2 994.6	-1 189.4	1 123.5
Short-term	6 758.5	1 293.8	-2 982.3	-1 439.4	1 250.6
Long-term	-90.0	-137.1	-12.3	250.0	-127.1
Loans	-529.8	33.0	-122.9	-635.7	-341.4
Central bank	220.2	81.8	25.2	-389.1	-190.4
Credit and loans with the IMF (other than reserves)	0.0	0.0	0.0	0.0	0.0
Other short-term	220.2	81.8	25.2	-389.1	-190.4
Other long-term	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except the Central bank	-280.6	-68.5	-313.3	60.1	72.1
Short-term	12.6	29.2	-329.4	-45.6	96.6
Long-term	-293.2	-97.7	16.2	105.6	-24.5
General government	0.3	-7.9	-6.2	-6.3	-6.5
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	0.3	-7.9	-6.2	-6.3	-6.5

	2016	2017	2018	2019	2020
Other sectors	-469.7	27.5	171.4	-300.3	-216.6
Short-term	18.0	189.9	21.0	41.9	7.7
Long-term	-487.7	-162.4	150.3	-342.2	-224.3
Other financial corporations	-11.7	-134.1	-86.0	-139.3	-251.9
Short-term	1.0	96.8	-93.7	-2.0	37.1
Long-term	-12.7	-230.9	7.7	-137.3	-289.0
Nonfinancial corporations, households, and NPISHs	-458.0	161.7	257.4	-161.0	35.3
Short-term	17.0	93.1	114.8	43.9	-29.4
Long-term	-474.9	68.5	142.6	-204.9	64.7
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
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	-69.5	146.2	1.6	437.1	-315.6
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	-20.5	-0.9	-23.3	-7.4	-1.8
Short-term	-0.5	-0.9	-18.3	-9.3	-1.8
Long-term	-20.0	0.0	-5.0	1.9	0.0
Other sectors	-49.0	147.1	24.9	444.4	-313.8
Short-term	600.9	178.9	56.5	451.2	4.5
Long-term	-649.9	-31.8	-31.6	-6.8	-318.3
Other financial corporations	-9.6	-57.5	-6.6	-31.8	3.0
Short-term	-9.5	27.6	-6.9	-32.0	3.7
Long-term	-0.1	-85.1	0.3	0.2	-0.7
Nonfinancial corporations, households, and NPISHs	-39.4	204.6	31.4	476.2	-316.8
Short-term	610.4	151.4	63.4	483.2	0.9
Long-term	-649.8	53.3	-32.0	-6.9	-317.7
Other accounts receivable/payable	-248.9	3 550.1	3 886.4	4 518.4	2 312.9
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	-20.4	19.2	69.2	28.6	-19.5
Short-term	-20.4	19.2	69.2	28.6	-19.5
Long-term	0.0	0.0	0.0	0.0	0.0
General government	0.3	0.0	0.0	0.0	0.0

	2016	2017	2018	2019	2020
Short-term	0.3	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0
Other sectors	-228.8	3 531.0	3 817.2	4 489.7	2 332.4
Short-term	-533.3	3 532.6	3 860.8	4 445.7	2 384.6
Long-term	304.4	-1.6	-43.6	44.0	-52.1
Other financial corporations	221.5	19.9	-38.1	20.0	16.1
Short-term	16.4	24.7	-31.8	4.5	49.4
Long-term	205.1	-4.7	-6.3	15.5	-33.3
Nonfinancial corporations, households, NPISHs	-450.3	3 511.0	3 855.2	4 469.8	2 316.4
Short-term	-549.6	3 507.9	3 892.6	4 441.2	2 335.2
Long-term	99.3	3.2	-37.3	28.5	-18.8
Net incurrence of liabilities	2 890.3	980.6	-1 161.8	1 371.4	2 673.8
Other equities	1.8	1.8	2.3	1.6	1.1
Currency and deposits	-461.0	61.8	369.9	73.8	483.2
Central banks	-346.3	-45.8	-12.8	-3.3	-0.6
Short-term	-95.9	-8.6	-2.8	-3.3	-0.6
Long-term	-250.4	-37.2	-10.0	0.0	0.0
Deposit-taking corporations, except the Central bank	-114.7	107.6	382.7	77.0	483.8
Of which: Interbank positions	-9.9	9.2	195.8	-4.7	189.4
Short-term	-122.4	78.8	248.3	152.0	467.3
Long-term	7.7	28.7	134.4	-75.0	16.5
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	3 071.1	466.0	-2 567.4	540.4	1 372.4
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	-36.7	-224.1	-758.3	-435.7	53.8
Short-term	-81.9	39.8	21.8	1.4	-67.4
Long-term	45.2	-263.9	-780.1	-437.1	121.2
General government	1 130.9	-138.7	-274.7	-717.8	356.7
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

	2016	2017	2018	2019	2020
Other long-term	1 130.9	-138.7	-274.7	-717.8	356.7
Other sectors	1 976.9	828.9	-1 534.4	1 693.9	962.0
Short-term	156.5	198.1	128.7	31.8	46.9
Long-term	1 820.4	630.8	-1 663.1	1 662.0	915.1
Other financial corporations	-30.1	25.0	31.0	57.0	-172.1
Short-term	8.7	-0.8	-0.9	0.0	7.4
Long-term	-38.8	25.7	31.9	57.0	-179.6
Nonfinancial corporations, households, and NPISHs	2 007.0	803.9	-1 565.4	1 636.9	1 134.1
Short-term	147.8	198.8	129.6	31.8	39.4
Long-term	1 859.1	605.1	-1 695.1	1 605.0	1 094.7
Insurance, pension, and standardized guarantee schemes (F60)	1.6	29.5	7.4	21.5	10.9
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	1.6	29.5	7.4	21.5	10.9
Other financial corporations	1.6	29.5	7.4	21.5	10.9
Nonfinancial corporations, households, NPISHs	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	39.2	529.8	917.8	919.4	834.0
Central bank	0.0	-1.5	0.9	0.2	0.0
Short-term	0.0	-1.5	0.9	0.2	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	-5.5	7.8	4.4	-3.1	8.7
Short-term	-5.5	7.8	4.4	-3.1	8.7
Long-term	0.0	0.0	0.0	0.0	0.0
Other sectors	44.8	523.5	912.4	922.2	825.3
Short-term	320.1	677.3	763.0	986.7	833.2
Long-term	-275.4	-153.7	149.4	-64.5	-7.9
Other financial corporations	6.6	-6.3	0.3	-1.7	-13.8
Short-term	7.9	-6.2	0.1	-0.1	-13.1
Long-term	-1.3	0.0	0.2	-1.6	-0.6
Nonfinancial corporations, households, and NPISHs	38.1	529.8	912.1	923.9	839.0
Short-term	312.2	683.5	762.9	986.8	846.3
Long-term	-274.1	-153.7	149.1	-62.9	-7.3
Other accounts receivable/payable	237.6	-108.4	108.3	-185.3	-27.8
Central bank	-1.6	0.0	0.0	0.0	0.0
Short-term	-1.6	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	-0.3	13.4	92.6	-12.8	4.5
Short-term	-0.3	13.4	92.6	-12.8	4.5
Long-term	0.0	0.0	0.0	0.0	0.0

	2016	2017	2018	2019	2020
General government	-37.8	-1.1	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0
Long-term	-37.8	-1.1	0.0	0.0	0.0
Other sectors	277.3	-120.7	15.7	-172.5	-32.4
Short-term	21.9	-72.9	10.1	-169.7	-54.6
Long-term	255.4	-47.7	5.6	-2.8	22.3
Other financial corporations	-15.4	-78.8	-99.1	-125.4	-79.5
Short-term	-51.1	-81.8	-101.4	-123.2	-78.5
Long-term	35.7	3.0	2.3	-2.2	-1.1
Nonfinancial corporations, households, NPISHs	292.7	-41.8	114.8	-47.1	47.2
Short-term	73.0	8.9	111.5	-46.5	23.8
Long-term	219.7	-50.7	3.3	-0.6	23.3
Special drawing rights (Net incurrence of liabilities)	0.0	0.0	0.0	0.0	0.0
Reserve assets	-71.7	-1 365.5	-1 526.2	-6 599.7	-889.7
Monetary gold	0.0	0.0	0.0	0.0	0.0
Special drawing rights	0.1	1.0	2.5	2.8	0.8
Reserve position in the IMF	254.8	0.0	0.0	0.0	0.0
Other reserve assets	-326.7	-1 366.5	-1 528.7	-6 602.4	-890.5
Currency and deposits	-2 259.5	-3 767.5	1 609.8	-1 558.2	-946.7
Claims on monetary authorities	17.1	-5 310.2	1 276.0	-960.2	3 563.4
Claims on other entities	-2 276.6	1 542.7	333.8	-598.0	-4 510.1
Securities	1 942.1	2 397.7	-3 130.3	-5 053.8	60.9
Debt securities	1 942.1	2 397.7	-3 170.2	-5 064.9	101.4
Short-term	2 204.0	694.7	-2 177.1	-2 135.9	213.4
Long-term	-261.9	1 703.0	-993.1	-2 929.0	-112.0
Equity and investment fund shares	0.0	0.0	39.9	11.1	-40.5
Financial derivatives	-9.2	3.3	-8.2	9.5	-4.8
Other claims	0.0	0.0	0.0	0.0	0.0
Net errors and omissions	-103.4	-2 088.9	1 114.6	2 114.4	-9 877.0

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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

	2016	2017	2018	2019	2020
Clarified sown area of agricultural structures, thousand hectares	13 004.2	13 117.9	13 107.7	13 043.1	13 377.6
of which of:					
grain-crops (including rice) and legumes	10 102.0	10 063.0	9 817.0	9 824.9	10 133.4
grain-crops (except rice) and legumes	10 053.1	10 011.8	9 761.5	9 775.2	10 083.4
rice	48.9	51.2	55.5	49.6	50.0
potatoes	14.7	14.3	17.4	16.8	16.9
vegetables	8.7	8.0	8.5	6.5	6.8
melons	12.5	11.9	10.2	10.9	10.1
forage crops	1 716.4	1 581.6	1 585.2	1 540.6	1 512.7
Gross harvest of certain agricultural crops, thousand tons					
grain-crops (including rice) and legumes	13 202.3	13 018.4	12 810.3	10 918.7	11 761.5
grain-crops (except rice) and legumes	12 982.4	12 786.5	12 551.9	10 658.7	11 509.3
rice	219.9	231.9	258.4	260.0	252.2
sugar beet	49.7	74.1	65.5	80.2	55.0
raw cotton	14.2	19.5	20.0	20.1	19.6
potatoes	265.9	280.5	387.4	387.5	399.5
vegetables	186.8	190.6	199.8	211.8	179.8
melons	221.2	187.0	185.8	213.8	216.7
Number of livestock (at the end of the year), thousand heads					
cattle	581.4	662.9	712.8	717.9	753.8
pigs	247.0	221.1	214.3	241.0	255.1
sheep and goats	770.8	835.1	830.0	874.2	982.3
Manufacture of certain livestock products					
number of livestock and poultry (in carcass weight) slaughtered in the farm or sold for slaughter, thousand tons	218.9	252.8	271.4	315.1	339.5
milk, thousand tons	319.9	361.4	384.6	414.0	466.8
eggs, million pieces	3 473.0	3 850.9	4 345.0	4 258.3	3 778.2
wool, thousand tons	1.7	1.7	1.7	1.5	1.6
Level of profitability (unprofitability) of agricultural production, percent	36.1	39.7	37.3	41.5	50.1
grain-crops (including rice) and legumes	47.3	37.6	35.8	42.3	49.9
raw cotton	30.1	22.9	21.5	17.3	17.9
sugar beet	60.4	10.9	12.0	37.3	11.8
potatoes	30.5	55.2	47.9	32.4	54.4
open soil vegetables	17.5	35.2	38.3	34.9	19.6
grape	19.5	3.9	34.5	39.7	39.8
Number of livestock and poultry (in carcass weight) slaughtered in the farm or sold for slaughter	307.5	353.4	384.9	446.9	483.0
cattle	64.8	77.9	98.9	118.6	129.1
sheep and goats	46.8	46.3	38.7	40.1	41.8
pigs	8.9	8.1	6.2	7.5	7.5
poultry	181.5	215.5	233.2	271.1	287.3

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

data of the survey

	2016	2017	2018	2019	2020
Gross harvest of certain agricultural crops, thousand tons					
grain-crops (including rice) and legumes	7 401.8	7 535.9	7 430.8	6 480.5	8 274.6
grain-crops (except rice) and legumes	7 173.9	7 278.3	7 206.2	6 179.8	7 970.0
rice	228.0	257.6	224.5	300.7	304.6
vegetable	2 035.8	2 023.7	2 247.6	2 525.2	2 686.5
melons	1 639.4	1 706.4	1 752.5	1 949.6	1 981.1
potatoes	1 232.0	1 257.2	1 352.5	1 443.4	1 497.5
Number of livestock (at the end of the year), thousand heads					
cattle	2 035.6	2 224.1	2 409.8	2 624.3	2 859.3
pigs	112.0	110.5	93.2	78.7	72.3
sheep and goats	6 674.5	6 731.4	7 061.8	7 573.3	8 227.4
Manufacture of certain livestock products					
number of livestock and poultry (in carcass weight) slaughtered in the farm or sold for slaughter, thousand tons	167.8	191.5	204.8	215.1	225.9
milk, thousand tons	900.0	1 038.1	1 120.4	1 182.7	1 245.4
eggs, million pieces	24.8	22.8	26.6	27.9	29.6
wool, thousand tons	13.9	14.5	14.7	15.1	15.7

7.3 Gross of agriculture, forestry and fisheries

at current prices; million tenge

	2016	2017	2018	2019	2020
Farms of all types					
Agriculture	3 701 415.4	4 092 333.0	4 497 585.4	5 177 893.7	6 363 976.1
Plant growing	2 047 580.8	2 249 166.9	2 411 486.7	2 817 660.6	3 687 310.3
Animal husbandry	1 621 541.4	1 810 914.1	2 050 455.8	2 319 496.7	2 637 460.7
Agricultural enterprises					
Agriculture	873 292.1	996 823.4	1 091 180.3	1 293 980.0	1 670 303.4
Plant growing	628 261.7	704 562.6	746 792.2	890 527.8	1 237 363.1
Animal husbandry	212 737.2	260 008.9	308 745.2	362 715.8	423 042.5
Peasant (private) farms					
Agriculture	1 043 755.3	1 152 498.7	1 317 352.9	1 607 788.5	2 033 585.4
Plant growing	796 483.7	844 292.0	951 327.1	1 177 215.8	1 554 276.3
Animal husbandry	247 271.5	308 206.7	366 025.9	430 572.7	479 309.1
Households' plots					
Agriculture	1 784 368.0	1 943 010.8	2 089 052.2	2 276 125.2	2 630 780.0
Plant growing	622 835.3	700 312.3	713 367.5	749 917.0	895 670.9
Animal husbandry	1 161 532.7	1 242 698.5	1 375 684.7	1 526 208.2	1 735 109.1

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				
2016	105.4	112.7	109.1	100.6
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
Gross production of plant growing				
2016	107.5	114.2	108.1	101.6
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
Gross production of cattle breeding				
2016	102.8	108.0	112.6	100.0
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
Services in the agricultural sphere				
2016	115.3	115.3	-	-
2017	100.0	100.0	-	-
2018	105.8	105.8	-	-
2019	109.2	109.2	-	-
2020	100.0	100.0	-	-

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

as percent of farms of all types

	2016	2017	2018	2019	2020
Agricultural enterprises					
Grain (including rice) and legumes	64.0	63.2	63.2	62.6	58.6
Raw - cotton	5.0	5.9	5.8	5.8	6.0
Sugar beet	14.4	16.0	13.0	16.5	11.8
Sunflower	40.6	44.1	42.8	41.6	44.0
Potatoes	7.5	7.9	10.2	9.9	10.0
Vegetables	5.7	6.2	6.0	4.9	5.5
Melons	10.7	8.9	8.7	9.0	8.9
Meat (slaughter weight)	22.8	24.8	25.6	28.1	29.0
Milk	6.0	6.6	6.8	7.1	7.7
Eggs	73.0	75.5	77.7	77.0	74.6
Wool (physical weight)	4.5	4.4	4.4	3.9	4.0
Peasant (private) farms					
Grain (including rice) and legumes	35.9	36.6	36.6	37.2	41.2
Raw - cotton	95.0	94.1	94.2	94.2	94.0
Sugar beet	85.6	84.0	87.0	83.5	88.2

Continuation

	2016	2017	2018	2019	2020
Sunflower	59.3	55.8	57.1	58.3	55.9
Potatoes	34.7	35.4	35.5	36.9	37.4
Vegetables	53.6	53.4	56.1	57.0	58.5
Melons	79.2	81.5	81.8	81.8	81.7
Meat (slaughter weight)	17.5	18.8	19.3	19.2	19.3
Milk	16.8	18.9	19.7	20.1	20.6
Eggs	0.5	0.4	0.5	0.5	0.6
Wool (physical weight)	36.0	37.3	37.5	38.2	39.2
Households' plots					
Grain (including rice) and legumes	0.1	0.1	0.2	0.2	0.1
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	57.8	56.7	54.3	53.2	52.7
Vegetables	40.7	40.5	38.9	37.2	36.0
Melons	10.1	9.6	9.5	9.2	9.4
Meat (slaughter weight)	59.7	56.3	55.1	52.7	51.6
Milk	77.2	74.6	73.5	72.8	71.7
Eggs	26.5	24.1	21.8	22.5	24.8
Wool (physical weight)	59.5	58.3	58.1	57.8	56.9

Plant growing

7.6 Use of mineral fertilizers by agricultural enterprises

in 100% of nutrient equivalent

	2016	2017	2018	2019	2020
Mineral fertilizers, thousand tons	63.3	104.4	105.0	67.8	144.7
of which:					
nitrogen	34.3	57.3	67.0	37.9	56.8
phosphate (including ground phosphate rock)	27.4	45.0	36.5	27.4	85.3
potassium	1.6	2.0	1.2	1.6	1.9

7.7 Use of mineral fertilizers while sowing by agricultural enterprises

	2016	2017	2018	2019	2020
Use of mineral fertilizers (in 100% of nutrient equivalent) total, thousand tons	63.3	104.4	105.0	67.8	144.7
of which used under:					
grains	48.6	80.3	91.5	55.4	130.9
sugar beet	0.2	0.3	0.1	0.1	0.1
sunflower	2.0	9.1	11.7	2.4	2.5
vegetable and melon crops	2.1	2.8	1.3	0.7	
potatoes	1.5	8.3	1.8	1.4	1.5
forage crops	0.6	2.0	1.9	2.1	2.2
Share of fertilized land area in total sown area, percent	9.9	8.0	15.0	17.6	19.3

7.8 Sown areas under agricultural crops

thousand hectares

	2016	2017	2018	2019	2020
Farms of all types					
Total sown area	21 473.6	21 839.9	21 899.4	22 135.8	22 582.4
Grain (including rice) and legumes	15 403.5	15 405.4	15 150.0	15 396.6	15 878.4
grain-crops (except rice) and legumes	15 308.6	15 300.7	15 048.6	15 294.7	15 774.2
Oil-bearing crops	2 035.7	2 478.9	2 834.2	2 861.1	2 905.1
Potatoes	186.7	183.4	193.0	193.0	194.4
Field vegetables	145.9	142.9	152.3	159.1	163.6
Melons	93.9	93.8	96.1	102.1	101.9
Forage crops	3 485.2	3 382.3	3 323.2	3 277.2	3 197.5
Agricultural enterprises					
Total sown area	13 004.2	13 117.9	13 107.7	13 043.1	13 377.6
Grain (including rice) and legumes	10 102.0	10 063.0	9 817.0	9 824.9	10 133.4
grain-crops (except rice) and legumes	10 053.1	10 011.8	9 761.5	9 775.2	10 083.4
Oil-bearing crops	1 142.1	1 428.0	1 658.5	1 633.1	1 687.1
Potatoes	14.7	14.3	17.4	16.8	16.9
Field vegetables	8.7	8.0	8.5	6.5	6.8
Melons	12.5	11.9	10.2	10.9	10.1
Forage crops	1 716.4	1 581.6	1 585.2	1 540.6	1 512.7
Peasant (private) farms					
Total sown area	8 244.3	8 520.5	8 589.1	8 892.6	9 005.1
Grain (including rice) and legumes	5 295.0	5 335.9	5 326.5	5 565.8	5 739.2
grain-crops (except rice) and legumes	5 249.1	5 282.5	5 280.5	5 513.4	5 685.0
Oil-bearing crops	892.9	1 050.3	1 175.0	1 227.4	1 217.4
Potatoes	62.1	62.1	68.1	70.0	72.0
Field vegetables	74.9	73.2	80.5	89.0	93.3
Melons	70.8	71.9	75.8	80.4	80.6
Forage crops	1 733.7	1 784.8	1 723.7	1 723.8	1 671.8
Households' plots					
Total sown area	225.0	201.5	202.6	200.0	199.7
Grain (including rice) and legumes	6.5	6.4	6.6	6.0	5.8
grain-crops (except rice) and legumes	6.5	6.4	6.6	6.0	5.8
Oil-bearing crops	0.7	0.5	0.7	0.6	0.6
Potatoes	109.9	106.9	107.5	106.2	105.5
Field vegetables	62.3	61.7	63.3	63.6	63.5
Melons	10.6	10.0	10.1	10.8	11.2
Forage crops	35.1	15.8	14.3	12.8	13.0

7.9 Production of main types of agricultural products

thousand tons

	2016	2017	2018	2019	2020
Farms of all types					
Grain (including rice) and legumes	20 634.4	20 585.1	20 273.7	17 428.6	20 063.3
Sugar beet	345.0	463.2	504.5	485.5	466.3
Raw cotton	286.7	330.5	343.6	344.4	326.6
Potatoes	3 545.7	3 551.1	3 807.0	3 912.1	4 006.8
Sunflower	754.9	902.9	847.7	838.7	844.3
Vegetables	3 795.2	3 791.1	4 081.9	4 355.2	4 590.9
Melons	2 070.9	2 094.0	2 142.5	2 382.1	2 425.1
Agricultural enterprises					
Grain (including rice) and legumes	13 202.3	13 018.4	12 810.3	10 918.7	11 761.5
Sugar beet	49.7	74.1	65.5	80.2	55.0
Raw cotton	14.2	19.5	20.0	20.1	19.6
Potatoes	265.9	280.5	387.4	387.5	399.5
Sunflower	306.4	398.5	359.0	348.9	371.4
Vegetables	216.3	233.7	244.8	211.8	251.9
Melons	221.2	187.0	185.8	213.8	216.7
Peasant (private) farms					
Grain (including rice) and legumes	7 401.8	7 535.9	7 430.8	6 480.5	8 274.6
Sugar beet	295.3	389.1	439.0	405.3	411.3
Raw cotton	272.5	311.0	323.6	324.3	306.9
Potatoes	1 232.0	1 257.2	1 352.5	1 443.4	1 497.5
Sunflower	447.3	503.5	487.5	488.9	471.9
Vegetables	2 035.8	2 023.7	2 247.6	2 525.2	2 686.5
Melons	1 639.4	1 706.4	1 752.5	1 949.6	1 981.1
Households' plots					
Grain (including rice) and legumes	30.3	30.8	32.6	29.4	29.2
Sugar beet	0.0	-	-	0.0	0.0
Raw cotton	-	-	-	-	-
Potatoes	2 047.8	2 013.4	2 067.0	2 081.2	2 109.7
Sunflower	1.1	0.8	1.3	1.0	1.0
Vegetables	1 543.1	1 533.7	1 589.5	1 618.2	1 652.6
Melons	210.3	200.6	204.2	218.7	227.3

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

farms of all types

	2016	2017	2018	2019	2020
Gross harvest, thousand tons					
Grain (including rice) and legumes	20 634.4	20 585.1	20 273.7	17 428.6	20 063.3
Raw cotton	286.7	330.5	343.6	344.4	326.6
Sugar beet	345.0	463.2	504.5	485.5	466.3
Sunflower	754.9	902.9	847.7	838.7	844.3
Potatoes	3 545.7	3 551.1	3 807.0	3 912.1	4 006.8
Vegetables	3 795.2	3 791.1	4 081.9	4 355.2	4 590.9

Continuation

	2016	2017	2018	2019	2020
Yields, centners per hectare					
Grain (including rice) and legumes	13.5	13.4	13.5	11.4	12.8
Raw cotton	26.2	24.4	25.9	26.2	25.9
Sugar beet	285.5	274.4	305.3	324.5	323.2
Sunflower	9.3	10.2	10.0	10.3	11.3
Potatoes	190.4	194.2	197.9	203.4	206.7
Vegetables	250.0	253.7	257.3	260.5	265.9

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

farms of all types

	2016	2017	2018	2019	2020
Gross harvest, thousand tons					
Wheat	14 985.4	14 802.9	13 944.1	11 451.6	14 258.0
Rye	41.3	38.8	22.5	23.2	29.8
Maize for grain	762.4	784.7	862.1	896.0	958.1
Barley	3 231.3	3 305.2	3 971.3	3 830.1	3 659.3
Oats	335.4	284.6	336.1	267.0	240.2
Buckwheat	89.6	120.4	82.7	45.0	40.2
Millet	61.2	37.9	40.2	42.6	39.9
Rice	447.8	489.5	482.9	560.7	556.8
Vegetables	3 795.2	3 791.1	4 081.9	4 355.2	4 590.9
Yields, centners per hectare					
Wheat	12.1	12.4	12.3	10.1	11.8
Rye	11.5	12.5	10.5	11.0	12.5
Maize for grain	56.4	57.4	57.4	57.3	58.8
Barley	17.1	16.0	15.8	12.9	13.4
Oats	16.0	13.3	14.3	11.0	10.5
Buckwheat	9.1	8.5	8.6	6.7	7.3
Millet	11.0	9.3	9.3	8.4	7.9
Rice	47.5	46.8	47.6	55.0	54.4
Vegetables	250.0	253.7	257.3	260.5	265.9

7.12 Gross harvest and yield capacity of forage crops

farms of all types

	2016	2017	2018	2019	2020
Gross harvest, thousand tons					
Corn for feed	1 238.8	1 089.7	1 185.1	1 250.2	1 523.8
Perennial grasses' hay	4 224	4 091.7	3 939.6	4 080.2	4 315.1
One-year grasses' hay	684	656.7	632.4	513.2	496.2
Yields, centners per hectare					
Corn for feed	159.8	128.5	121.2	130.0	138.9
Perennial grasses' hay	18.8	18.6	18.5	18.4	19.2
One-year grasses' hay	11.8	11.9	11.0	10.8	12.8

Cattle breeding

7.13 Production of main animal husbandry products by types of farms

	2016	2017	2018	2019	2020
Farms of all types					
Meat (slaughter weight), thousand tons	960.7	1 017.6	1 059.6	1 120.6	1 168.6
of which:					
beef and veal	430.6	450.4	477.4	501.2	521.8
mutton and goat meat	169.2	171.4	170.6	171.4	172.5
horses	107.8	117.5	126.5	132.0	142.9
pork	93.9	91.9	86.1	86.4	87.5
poultry meat	152.7	179.6	192.2	222.7	236.5
Milk, thousand tons	5 341.6	5 503.4	5 686.2	5 864.9	6 051.4
Eggs, million pieces	4 757.2	5 103.0	5 591.4	5 531.4	5 065.8
Wool (physical weight), thousand tons	38.5	39.0	39.2	39.5	40.2
Agricultural enterprises					
Meat (slaughter weight), thousand tons	218.9	252.8	271.6	315.1	339.5
of which:					
beef and veal	33.2	40.3	51.1	61.5	66.8
mutton and goat meat	4.3	3.9	3.0	3.7	3.7
horses	2.4	2.6	3.9	4.7	8.5
pork	32.9	32.5	27.5	28.4	29.7
poultry meat	145.7	173.2	185.9	216.6	230.5
Milk, thousand tons	319.9	361.4	384.6	414.0	466.8
Eggs, million pieces	3 473.0	3 850.9	4 345.0	4 258.2	3 778.2
Wool (physical weight), thousand tons	1.7	1.7	1.7	1.5	1.6
Peasant (private) farms					
Meat (slaughter weight), thousand tons	167.8	191.5	204.8	215.1	225.9
of which:					
beef and veal	87.4	101.2	110.4	118.7	126.2
mutton and goat meat	42.0	46.2	46.3	46.7	47.2
horses	29.2	34.2	38.7	41.2	44.4
pork	7.4	8.2	7.6	6.6	6.0
poultry meat	0.4	0.2	0.2	0.3	0.3
Milk, thousand tons	900.0	1 038.1	1 120.4	1 182.7	1 245.4
Eggs, million pieces	24.8	22.8	26.6	27.9	29.6
Wool (physical weight), thousand tons	13.9	14.5	14.7	15.1	15.8
Households' plots					
Meat (slaughter weight), thousand tons	573.9	573.2	583.2	590.4	603.2
of which:					
beef and veal	310.0	309.0	316.0	321.0	328.8
mutton and goat meat	122.8	121.3	121.2	121.0	121.5
horses	76.2	80.6	83.9	86.1	90.1
pork	53.5	51.2	51.1	51.3	51.7
poultry meat	6.6	6.2	6.1	5.8	5.8
Milk, thousand tons	4 121.8	4 103.9	4 181.3	4 268.3	4 339.2
Eggs, million pieces	1 259.4	1 229.3	1 219.8	1 245.2	1 258.1
Wool (physical weight), thousand tons	22.9	22.7	22.8	22.8	22.9

7.14 Number of livestock and poultry

as of 1 January; thousand heads

	2015	2016	2017	2018	2019
Farms of all types					
Cattle	6 413.2	6 764.2	7 150.9	7 436.4	7 850.0
of which cows	3 209.9	3 362.4	3 576.5	3 769.8	4 008.3
Sheep and goats	18 184.2	18 329.0	18 699.1	19 155.7	20 057.6
Pigs	834.2	815.1	798.7	813.3	816.7
Horses	2 259.2	2 415.7	2 646.5	2 852.3	3 139.8
Camels	180.1	193.1	207.6	216.4	227.7
Poultry	36 910.0	39 913.5	44 337.9	45 041.4	43 335.0
Agricultural enterprises					
Cattle	581.4	662.9	712.8	717.9	753.8
of which cows	253.8	276.7	275.3	280.7	293.6
Sheep and goats	770.8	835.1	830.0	874.2	982.3
Pigs	247.0	221.1	214.3	241.0	255.1
Horses	134.5	146.8	163.4	181.1	196.3
Camels	14.4	13.6	14.2	15.2	16.8
Poultry	25 529.1	28 732.7	32 393.3	32 822.1	30 777.3
Peasant (private) farms					
Cattle	2 035.6	2 224.1	2 409.8	2 624.3	2 859.3
of which cows	1 138.8	1 206.7	1 312.0	1 444.5	1 598.4
Sheep and goats	6 674.5	6 731.4	7 061.8	7 573.3	8 227.4
Pigs	112.0	110.5	93.2	78.1	72.3
Horses	983.0	1 054.0	1 186.5	1 321.2	1 500.8
Camels	69.6	77.3	82.8	87.4	95.0
Poultry	444.1	478.5	523.3	645.8	706.5
Households' plots					
Cattle	3 796.2	3 877.2	4 028.3	4 094.3	4 236.9
of which cows	1 817.4	1 879.0	1 989.2	2 044.6	2 116.2
Sheep and goats	10 739.0	10 762.5	10 807.3	10 708.2	10 847.9
Pigs	475.2	483.6	491.2	493.6	489.3
Horses	1 141.7	1 214.9	1 296.7	1 349.9	1 442.7
Camels	96.1	102.3	110.5	113.8	115.9
Poultry	10 936.8	10 702.3	11 421.3	11 573.5	11 851.2

7.15 Litter and murrain of livestock agricultural enterprises

	2016	2017	2018	2019	2020
Litter in terms of 100 dams, heads					
calfs	57	64	61	59	58
lambs and kids	78	73	75	88	87
piglets	1 793	1 833	1 637	1 687	1 780
Murrain of livestock, percent					
cattle	1.5	1.4	1.6	1.4	1.6
sheep and goats	2.8	2.7	2.4	2.2	2.7
pigs	4.7	3.6	4.8	5.3	4.7

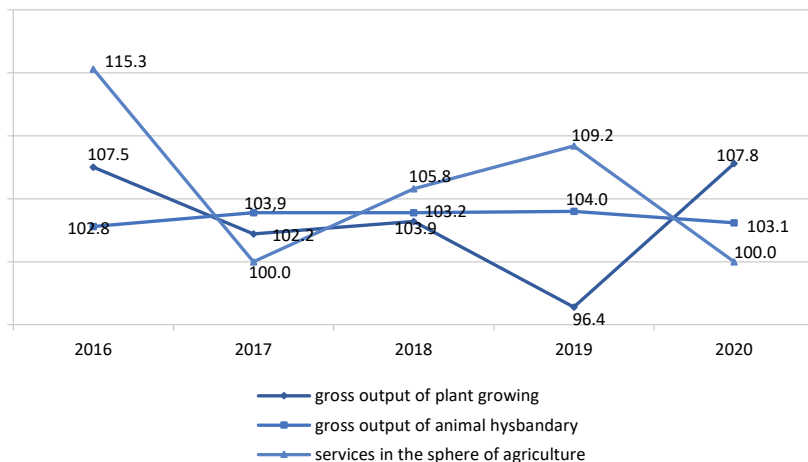
7.16 Productivity of livestock and poultry in farms of all types

kilograms

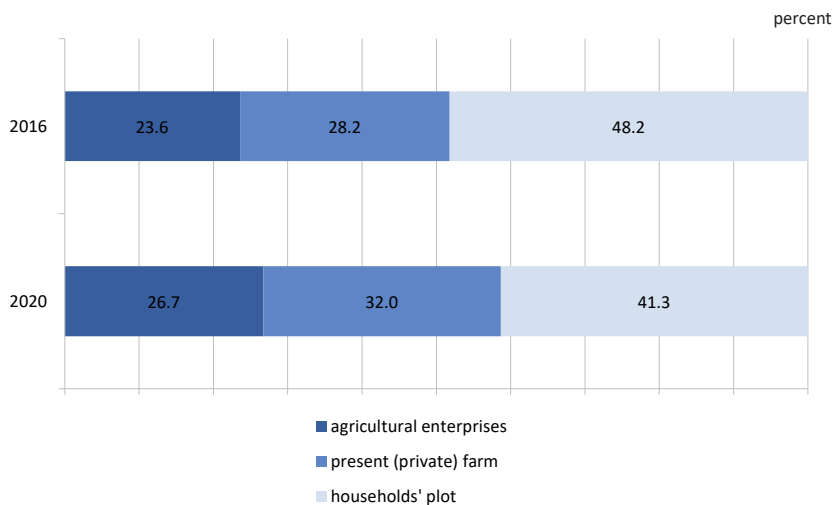
	2016	2017	2018	2019	2020
Average weight of one head of livestock sold for meat					
cattle	329	331	333	336	338
sheep and goats	40	40	40	40	40
pigs	105	106	106	105	104
poultry	2.2	2.3	2.2	2.1	2.2
Milk yield per cow	2 324	2 337	2 340	2 355	2 364
Average annual wool clip per sheep	2.4	2.5	2.4	2.4	2.2
Average annual egg-laying ability of laying hens, pieces	233	241	246	240	225

Volume indices of agricultural output

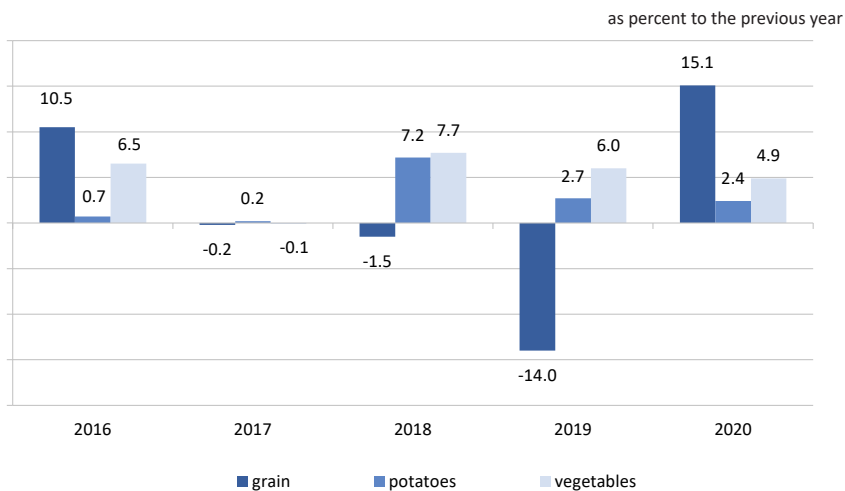
as percent of the previous year



Structure of production of main agricultural products by types of farms

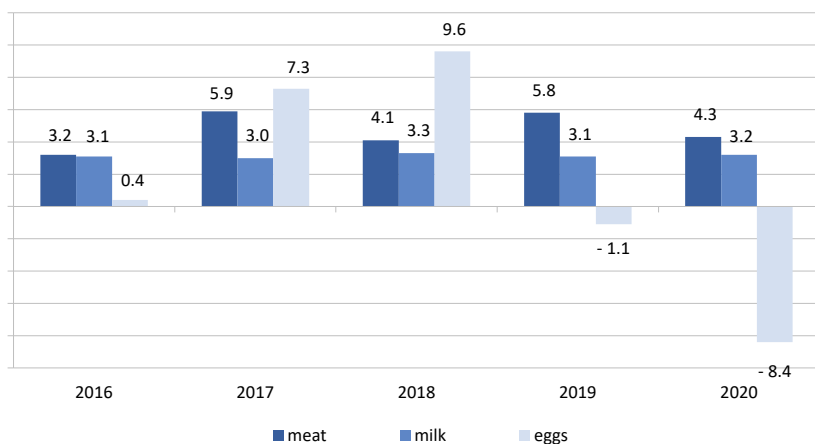


Changes of gross harvest indices of main plant-growing products in farms of all types



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

	2016	2017	2018	2019	2020
Number of industrial enterprises and manufacturies	11 884	12 385	12 486	13 237	13362
Volume index of industrial production, as % of previous year	98.9	107.3	104.4	104.1	99.5
Volume of industrial production, billion tenge	19 026.8	22 790.2	27 218.1	29 380.3	27 028.5

7.18 Volume of industrial production by types of economic activity

at current prices, million tenge

	2016	2017	2018	2019	2020
Total industry	19 026 781	22 790 209	27 218 063	29 380 342	27 028 506
Mining industry and working out of open-cast mines	9 397 619	11 568 785	14 877 068	15 978 061	11 785 557
mining of coal and lignite	232 703	292 079	342 996	357 768	335 981
extraction of crude petroleum	7 293 085	8 994 914	11 819 915	12 256 876	8 001 804
extraction of natural gas	116 844	207 819	240 320	396 713	272 848
mining of metall ores	989 193	1 188 391	1 474 218	1 908 282	2 256 236
mining of iron ores	194 828	244 024	291 173	415 898	476 793
mining of non-ferrous metal ores	794 365	944 368	1 183 045	1 492 384	1 779 443
other mining and quarrying	175 694	191 988	265 709	248 735	231 665
mining support service activities	590 100	693 593	733 909	809 687	687 023
Manufacturing	8 046 845	9 400 848	10 403 854	11 573 350	13 232 696
manufacture of food products	1 448 386	1 525 814	1 527 687	1 708 013	1 957 241
manufacture of beverage products	254 294	311 675	343 794	398 492	443 428
manufacture of tobacco products	105 936	106 247	123 620	112 491	211 590
manufacture of textile products	37 601	43 489	52 594	60 238	75 997
manufacture of clothes	36 552	46 015	36 568	43 964	53 627
manufacture of leather, products of leather	8 310	8 586	10 188	11 641	13 098
manufacture of wooden and pith products, except furniture; manufacture of products from straws and materials for weaving	24 385	21 355	23 741	24 590	26 283
manufacture of paper and paperboard	48 416	56 672	62 381	67 848	71 073
manufacture of coke and refined petroleum products	640 137	716 297	901 982	839 688	837 535
manufacture of refined petroleum products	630 564	703 277	880 587	806 952	813 643
manufacture of chemical industry	284 551	333 328	401 141	475 139	476 329
manufacture of basic pharmaceutical products and pharmaceutical preparations	47 353	72 439	78 526	92 442	141 861
manufacture of rubber and plastic goods	186 777	226 568	211 380	244 351	257 931
manufacture of other non-metallic mineral products	442 975	506 479	563 678	632 437	732 210
manufacture of basic metals	3 380 172	4 075 747	4 614 873	4 965 432	5 662 784
ferrous metallurgy	1 134 246	1 535 768	1 681 332	1 647 980	1 651 989
manufacture of basic precious and non-ferrous metals	2 239 522	2 531 768	2 921 929	3 303 072	3 995 125
manufacture of fabricated metallic products excluded machinery and equipment	234 453	233 937	239 609	264 388	291 109
machine-building	766 781	998 176	1 089 800	1 472 284	1 823 922

Continuation

	2016	2017	2018	2019	2020
manufacture offurniture	35 959	43 483	38 613	47 997	53 545
manufacture of other finished articles	12 557	17 307	29 493	41 173	48 334
Electricity, gas, steam and air conditioning supply	1 384 129	1 582 299	1 693 343	1 561 366	1 740 718
Manufacture, transfer and distribution of electric power	1 009 888	1 134 917	1 187 738	1 121 410	1 274 805
manufacture of gas; distribution of gaseous fuels through mains	139 210	192 198	213 378	174 598	185 551
steam and air conditioning supply	235 031	255 184	292 228	265 358	280 362
Water supply; sewer system, the control over gathering and distribution of waste	198 189	238 277	243 797	267 565	269 535
Collecting, treating and distribution of water	98 717	105 510	111 600	113 953	112 616
sewerage	32 448	34 993	36 320	36 841	38 155
Collecting, processing and waste disposal; waste recycling	64 873	92 969	92 779	113 389	117 318

7.19 Volume indices of production by types of economic activity

as percent of the previous year

	2016	2017	2018	2019	2020
Total industry	98.9	107.3	104.4	104.1	99.5
Mining industry and working out of open-cast mines	97.3	109.3	104.6	103.1	96.3
mining of coal and lignite	95.4	105.2	104.6	97.2	96.7
extraction of crude petroleum	98.2	110.5	104.8	100.2	94.6
extraction of natural gas	104.8	112.6	104.8	101.7	97.8
mining of metall ores	104.1	107.5	104.7	112.5	99.9
mining of iron ores	87.5	107.0	106.5	109.3	99.8
mining of non-ferrous metal ores	107.8	107.6	104.3	113.1	99.9
other mining and quarrying	98.4	110.6	102.7	105.5	103.1
mining support service activities	77.3	102.9	103.2	113.8	99.7
Manufacturing	100.6	105.6	104.5	105.8	104.1
manufacture of food products	104.2	105.1	100.9	103.0	103.2
manufacture of beverage products	101.3	109.3	103.2	109.9	103.3
manufacture of tobacco products	100.8	88.4	101.2	94.9	97.5
manufacture of textile products	102.8	112.1	108.2	101.2	104.6
manufacture of clothes	100.7	106.3	104.9	114.4	106.2
manufacture of leather, products of leather	101.4	109.1	107.2	98.4	129.4
manufacture of wooden and pith products, except furniture; manufacture of products from straws and materials for weaving	104.8	100.2	138.4	88.1	133.8
manufacture of paper and paperboard	104.1	107.1	106.1	105.4	117.4
manufacture of coke and refined petroleum products	100.4	103.7	109.1	105.7	98.2
manufacture of refined petroleum products	100.1	103.7	109.7	106.4	96.0
manufacture of chemical industry	97.7	109.3	108.7	102.0	100.2
manufacture of basic pharmaceutical products and pharmaceutical preparations	103.8	146.2	91.9	118.3	147.3
manufacture of rubber and plastic goods	100.7	100.1	108.3	104.6	104.8

Continuation

	2016	2017	2018	2019	2020
manufacture of other non-metallic mineral products	94.8	105.7	103.1	102.3	102.2
manufacture of basic metals	106.7	106.3	102.4	105.5	102.8
ferrous metallurgy	103.6	106.2	98.3	102.5	103.2
manufacture of basic precious and non-ferrous metals	108.5	106.3	105.4	107.7	102.6
manufacture of fabricated metallic products excluded machinery and equipment	103.2	105.3	103.8	90.3	119.8
machine-building	84.7	109.2	114.4	124.1	116.4
manufacture of furniture	101.8	111.2	103.1	98.8	97.5
manufacture of other finished articles	101.6	99.2	312.2	160.7	72.3
Electricity, gas, steam and air conditioning supply	100.5	105.3	102.4	100.6	99.9
Manufacture, transfer and distribution of electric power	100.8	106.5	101.1	104.5	98.8
manufacture of gas; distribution of gaseous fuels through mains	101.7	102.4	105.4	86.3	106.3
steam and air conditioning supply	98.5	102.5	105.1	96.3	100.2
Water supply; sewerage, waste management and remediation activities	95.6	101.8	100.2	106.8	97.4
Collecting, treating and distribution of water	95.6	95.9	103.2	107.6	95.3
sewerage	97.5	100.1	95.5	100.6	100.3
Collecting, processing and waste disposal; waste recycling	97.1	108.1	98.6	107.6	98.7

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

	2016	2017	2018	2019	2020
Mining					
Mining of coal and lignite					
coal, including coal concentrate, thousand tons	103 059.0	112 293.6	118 482.5	115 000.4	113 399.1
hard coal, other than coal concentrate, thousand tons	98 575.1	107 891.8	114 136.6	110 738.0	109 506.2
lignite (brown coal), thousand tons	5 750.4	6 094.5	6 560.7	5 928.9	5 422.1
crude petroleum, thousand tons	65 569.6	72 924.9	77 496.2	78 643.2	73 006.2
gas condensate, thousand tons	12 462.2	13 269.5	12 863.3	11 912.2	12 649.9
Extraction of natural (fuel) gas					
natural gas, million cub. m	46 676.5	52 921.1	55 453.5	56 681.3	55 378.6
Mining of iron ores					
iron ore, thousand tons	52 514.3	55 298.3	60 007.4	62 975.2	62 865.0
iron rolled briquettes, thousand tons	x	x	x	x	4 814.3
Mining of non-ferrous metal ores					
copper ore, thousand tons	78 496.1	95 009.3	105 219.2	123 107.0	120 138.6
zinc-lead ore, thousand tons	5 753.7	5 894.9	5 957.4	6 591.6	6 284.5
lead in a lead concentrate, thousand tons	70.5	111.2	86.5	55.7	30.2
copper in a copper concentrate, thousand tons	432.4	515.6	592.8	522.6	513.6
zinc in a zinc concentrate, thousand tons	324.8	315.9	304.4	244.7	222.4
aluminum ores (bauxites), thousand tons	4 801.3	4 846.1	x	4 118.4	4 057.8
manganese ore, thousand tons	1 600.7	1 460.0	1 427.3	1 142.3	813.5

	2016	2017	2018	2019	2020
chromite ore, thousand tons	5 542.9	6 313.3	6 688.8	7 018.9	6 326.4
chromite concentrates, thousand tons	4 148.9	4 599.0	4 965.0	5 133.1	4 129.3
Other mining and quarrying					
natural sands, thousand cub. m	11 167.8	14 172.1	11 415.8	15 472.8	15 559.6
granules, chippings and powder of stone; pebbles, gravel, broken or crushed stone, thousand cub. m	40 800.9	42 543.4	42 539.5	43 100.5	49 113.8
raw phosphate crushed, thousand tons	556.3	850.5	912.8	877.7	1 086.3
phosphate fine grinding, thousand tons	224.5	357.4	337.2	396.2	408.8
salt and net sodium chloride, tons	730 283	803 794	885 717	1 094 659	1 237 455
asbestos, thousand tons	192.6	x	x	210.7	227.4
Manufacturing					
Manufacture of food products					
meat and edible offal of bovine animals, swine, goats, horses, camel and meat of poultry, tons	220 331	248 043	263 529	303 767	295 421
sausages, tons	44 721	44 332	45 009	55 983	62 335
butter, tons	15 600	16 514	18 471	19 904	26 367
cheese and curds, tons	24 218	25 468	27 541	31 785	36 048
processed liquid milk and cream, tons	472 405	483 085	538 077	571 556	616 953
sugar, tons	458 174	372 035	279 291	249 925	147 519
ketchup and other tomato sauces, tons	8 456	9 997	10 885	11 055	12 581
groats, meal and pellets and other grain products, tons	57 515	70 554	82 544	89 055	78 907
ready forages for agricultural animals, tons	735 249	1 181 556	1 321 313	1 528 083	1 881 469
fresh bread, tons	729 964	711 729	707 902	562 814	539 021
chocolate, chocolate and sugar confectionery, tons	106 042	116 885	103 902	100 394	100 300
macaroni, noodles, cuscus and similar flour products, tons	152 363	159 609	158 533	168 825	179 284
vodka and drinking spirit of alcoholic strength 45,4%, thousand liters	35 580.3	29 579.3	30 717.6	18 824.4	21 938.4
Manufacture of beverages					
brandy (cognac), thousand liters	7 929.0	9 360.9	13 845.1	11 733.2	10 572.6
natural grape wine, thousand liters	6 533.9	10 591.6	12 292.0	10 145.4	10 885.5
"champagne" type wine, thousand liters	1 537.4	1 556.2	1 600.1	2 195.8	*
beer, thousand liters	506 171.8	564 337.9	638 726.0	664 202.8	692 468.7
mineral waters and aerated waters, not sweetened nor flavored, thousand liters	509 562.3	557 135.1	598 923.9	705 559.0	587 285.8
non-alcoholic beverages, thousand liters	1 126	1 389	1 329	1 600	1 683
	154.3	572.6	049.5	028.8	220.5
Manufacture of tobacco products					
cigars, cheroots (cigars with the cut offends), cigarillos (thin cigars) and cigarettes, gaspers of tobacco or tobacco substitutes, million pieces	20 289.0	17 929.4	18 140.7	17 202.1	16 773.8
Textile and sewing industry					
cotton fibre carded or combed, tons	53 751	66 882	69 138	63 141	74 537
wool yarn carded or combed, not put up for retail sale, tons	-	-	-	4	-
cotton yarn of fibre carded or non-carded, not put up for retail sale, tons	5 967	4 142	x	x	3 948

	2016	2017	2018	2019	2020
fabrics, thousand m ²	57 791.6	55 873.2	60 906.2	71 463.0	132 103.0
fabrics from card wool, thousand km ²	118.1	23.1	0.5	-	-
cotton fabrics, except special fabrics thousand m ²	25 405.0	24 617.9	24 268.6	14 092.0	22 109.0
fabrics except special fabrics, from chemical fibres, thousand km ²	31 585.5	30 909.1	36 347.0	56 569.0	109 791.0
file cloth, terry-cloth and other special fabrics, thousand km ²	675.0	323.0	x	796.0	x
socks, knitted or crocheted, thousand pairs	9990.2	9 915.9	12 047.8	16 688.5	12 212.0
jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted, thousand pieces	64.9	128.8	170.2	178.7	126.4
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	102 550.0	88 115.1	144 989.3	102 348.0	84 352.4
footwear with uppers of leather, thousand pairs	688.9	769.5	855.9	919.4	1 072.6
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	209.3	1 234.4	1 265.6	219.7	287.2
windows, french windows and their frames, doors and their frames and thresholds, of wood, thousand m ²	662.5	4 989.4	5 399.9	560.0	1 572.4
parquet panels, shuttering for concrete constructional work, shingles and shakes, of wood, thousand m ²	54.8	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	23 214	28 031	24 266	39 317	35 128
handkerchiefs, napkins and cosmetic towels of paper mass, paper, cotton cellulose or linen of cellulose fibers, kg	8 219 895	10 375 601	10 506 784	10 091 862	9 029 442
boxes, and bags of paper or of corrugated cardboard, tons	72 017	83 010	90 731	94 318	111 073
toilet paper, tons	37 866	22 685	28 307	36 145	36 882
Manufacture of coke, refined petroleum products and nuclear materials					
coke and semi-coke of coal, of lignite or of peat; retort carbon, thousand tons	2 839.9	2 954.1	2 839.2	2 604.8	2 387.8
refined petroleum products, thousand tons	12 863.2	12 974.3	13 400.1	14 037.6	12 620.1
motor spirit (including aviation gasoline), thousand tons	2 947.8	3 057.8	3 956.1	4 536.8	4 487.8
kerosene, including kerosene type jet fuel (refining temperature of 150-300 degrees centigrade), thousand tons	256.7	299.5	390.8	630.3	441.2
gas oils (diesel fuel), thousand tons	4 651.5	4 352.2	4 663.5	5 032.9	4 674.1
reduced fuel oil, thousand tons	3 100.8	3 364.5	2 948.4	2 875.3	2 254.7
Chemical industry					
phosphorus, tons	52 225	72 750	x	101 672	x
orthophosphoric acid (phosphoric) and polyphosphoric acids, thousand tons	21.3	24.1	x	35.9	x

	2016	2017	2018	2019	2020
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	348.5	373.3	363.7	379.4	388.7
phosphatic fertilizers, mineral or chemical except fertilizers in pills, thousand tons	92.7	169.3	140.7	192.8	195.7
polymers of styrene, in primary forms, tons	1 077	4 471	4 404	2 071	1 876
Manufacture of rubber and plastic products					
tubes, pipes, sleeves and hoses, of vulcanized rubber other than hard rubber, tons	554	619	1 120	528	551
tubes, pipes, sleeves and hoses and fittings thereof, of plastics, tons	145 120	140 965	141 322	134 249	148 659
doors, windows, frames for doors and windows, thresholds for doors; shutters, blinds and similar articles and parts thereof of plastics, tons	31 871	27 183	37 339	34 422	37 316
Manufacture of other non-metallic mineral products					
tableware and kitchenware of porcelain or china, kg	16 097	200	-	x	9 580
ceramic tiles and flags, thousand m ²	1 675.2	1 792.9	1 664.6	2 001.2	1 794.7
ceramic non-refractory construction bricks other than goods of siliceous fossil meals or diatomite earths, thousand m ³	803.6	3 179.7	3 337.2	5 360.9	1 056.7
portland cement (except white), thousand tons	9 203.6	9 397.7	x	10 267.6	10 961.7
prefabricated buildings of concrete, tons	991 990	1 094 976	1 112 533	1 012 255	1 168 095
sheets, panels, tiles and similar articles from asbestos-cement, fibre cement of cellulose fibres, vegetable fibres, glass fibre and synthetic fibres, sq. m	2 628 089	4 521 943	x	5 782 703	5 211 152
articles roofing or facing of asphalt or of similar materials in rolls, thousand m ²	1 520.1	1 621.6	x	1 050.9	2 048.3
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	x	3 775.1	3 174.1	3 208.7	3 212.4
steel, thousand tons	3 175.3	3 411.9	2 744.3	45.7	49.4
oxygen-blown converters steel, thousand tons	x	x	-	-	-
electro steel, thousand tons	39.7	49.9	52.5	45.7	49.4
tin plate and flat-rolled tinned products, tons	x	x	x	60 264	58 874
ferro-alloys, tons	1 826 340	1 934 774	2 088 638	2 175 767	2 214 652
ferro-chrome, tons	1 525 221	1 640 300	x	1 858 130	1 841 309
manganese ferrosilicate, tons	135 885	123 977	137 710	123 464	122 743
chrome ferrosilicate, tons	x	x	x	x	x
ferro- silicon, tons	68 779	60 001	65 405	79 930	180 645
Manufacture of non-ferrous metals					
affined gold, kg	37 852	44 094	x	61 080	67 846

	2016	2017	2018	2019	2020
aluminium, unwrought; alumina, thousand tons	1 745.8	1 771.7	1 751.5	1 671.1	1 664.9
affined silver, kg	1 182 476	1 041 838	x	1 007 671	1 015 756
refined copper in intermediates, other than goods sintered, rolled, extruded, forged, tons	408 435	426 191	438 115	472 327	477 016
lead, unwrought, tons	134 192	149 129	152 767	132 669	128 014
zinc, unwrought, tons	325 820	331 018	317 965	318 399	311 322
Manufacture of fabricated metal products					
radiators for central heating, not electrically heated, of iron or steel, tons	2 389	1 221	694	1 648	1 204
boilers for central heating, units	3 173	4 188	6 774	10 518	22 761
Machine-building					
centrifugal pumps for swapping of liquids; other pumps; jacks of liquids, units	12 389	12 804	11 150	11 409	11 297
reaping-machines, units	297	401	x	512	1 078
machines for mining, units	138	184	383	62	39
oil and gas manufacturing equipment, million tenge	2 341.9	1 790.8	852.5	286.6	242.3
petroleum equipment, million tenge	9 373.8	14 260.1	17 126.9	17 303.7	16 710.2
washing machines and cloth drying machines, domestic, units	1	-	-	-	-
machines for wringing of laundry, units	-	-	-	-	-
power transformers, thousand kW	...	...	...	...	...
electric accumulators and their parts, equipment, million tenge	18 487.3	23 212.2	27 169.6	26 244.0	34 659.7
television receivers, units	126 242	102 529	x	120 671	x
Manufacture of motor vehicles, trailers and semi-trailers					
passenger car, units	5 192	16 789	30 016	44 079	65 051
transportation vehicles, 10 or more persons, units	358	650	417	1 086	1 765
lorries, units	1 805	1 639	1 237	4 227	8 249
special vehicles and specialized, units	156	263	229	206	411
trailers and semi-trailers; containers, units	258	253	516	1 033	2 482
Other industries					
seats and parts thereof, thousand tenge	7 769 261	7 974 268	9 224 410	9 775 106	9 224 611
wooden furniture of a kind used in offices, pieces	244 062	259 368	254 648	304 195	351 520
kitchen furniture, pieces	178 768	207 611	165 211	108 409	96 274
children's bicycles, excluding twin wheel, thousand units	42.7	37.4	28.1	33.6	30.6
Electricity, gas, steam and air conditioning supply					
electric power, million kWh	94 642.4	103 128.0	107 268.8	106 483.2	108 628.4
thermal energy, thousand Gcal	84 040.0	88 665.4	94 711.0	90 070.0	91 241.5
Water supply; sewer system, the control over gathering and distribution of waste					
natural water, million m ³	2 778.0	2 758.8	2 799.0	3 029.6	3046.4

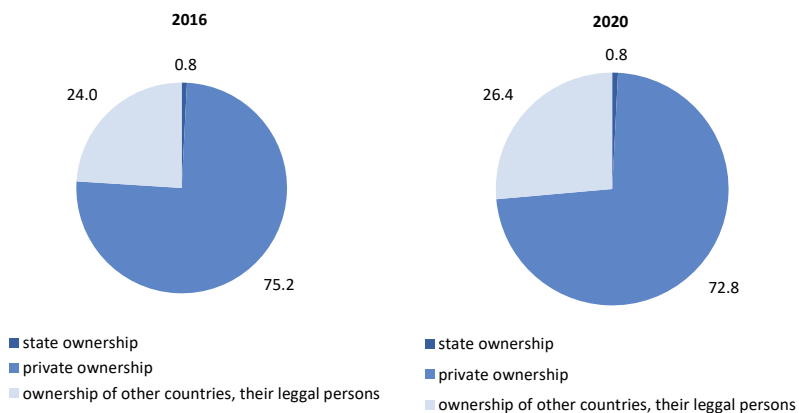
7.21 Use of production capacities of industrial enterprises for output of selected products

percent

	2016	2017	2018	2019	2020
Coal	78.4	83.6	79.9	82.1	81.0
Lignite	58.5	67.5	68.4	63.0	59.4
Crude petroleum	77.2	76.7	77.4	75.7	72.5
Natural gas in gaseous state	88.1	90.0	91.4	90.4	89.6
Aluminum ores (bauxites)	76.9	75.9	77.7	57.6	56.7
Processed liquid milk and cream	43.6	43.5	45.8	45.0	44.2
Wheat or mangcorn flour	38.1	37.5	35.8	29.1	33.1
Groats, meal and pellets and other cereal grain products	32.4	43.4	42.8	33.9	26.6
Sugar	98.7	76.6	63.5	56.2	36.3
Vodka	34.7	31.3	28.0	16.0	20.6
Cotton fabrics	59.7	57.3	69.2	95.0	89.0
Phosphorus	60.4	59.3	78.6	84.2	86.2
Cement	65.3	60.9	58.1	58.9	58.7
Prefabricated buildings of concrete	17.2	19.7	24.1	20.8	13.5
Refined petroleum products	65.7	65.2	65.0	70.1	65.1
Cast-iron	93.6	99.6	90.1	86.9	79.0
Ferro-chrome	93.0	93.8	96.6	94.1	93.3
Ferro-silicon	70.2	82.9	92.9	61.3	72.9
Manganese ferrosilicate	44.1	73.0	74.8	64.2	63.6
Refined copper in intermediates	78.3	78.8	72.3	82.6	83.5
Zinc unwrought	76.5	76.8	76.1	76.0	74.9
Lead unwrought	79.8	85.6	86.9	70.4	64.1
Other agricultural and forestry tractors	40.8	12.6	12.5	15.3	40.7
Electric transformers	18.8	38.9	47.1	87.8	87.4
Television receivers	25.8	22.6	26.4	24.2	75.1

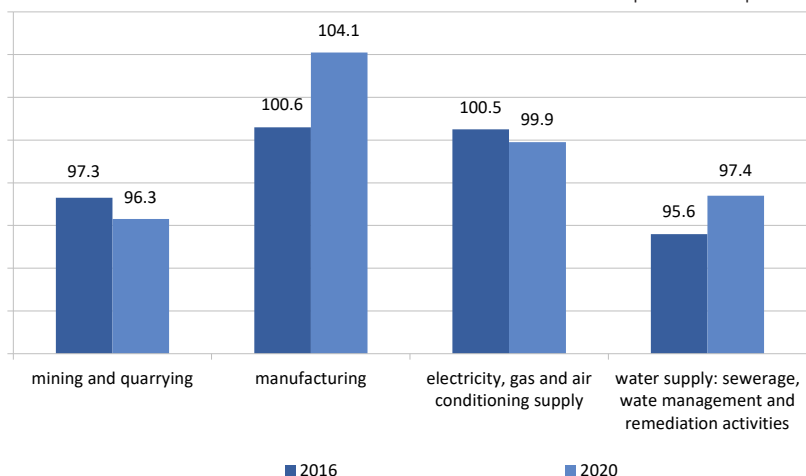
Structure of industrial production by types of ownership

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

	2016	2017	2018	2019	2020
Total water abstraction from natural water sources	24 623	25 279	25 039	25 104	24 585
of which from underground water sources	1 051	1 032	1 052	1 055	999
Water losses during transportation	2 517	2 993	3 719	3 295	3 769
Total water consumption (use)	20 213	21 721	20 511	20 955	20 307
of which for industrial purposes	5 228	5 235	5 351	5 600	5 685
of which water of drinking quality	728	762	741	792	800
Volume of recycled and repeatedly consequent usage water	8 257	8 934	9 540	9 690	9 789
as percent of total industrial consumption	40.8	41.1	46.5	38.2	48

Continuation

	2016	2017	2018	2019	2020
Dumping of sewage and other water on the surface water objects, million m ³	5 205	5 502	5 408	5 383	5 426
Volume of effluents treated to standard quality	196	197	309	319	316
Volume of raw water and insufficiently refined sewage water	149	50	-	0.1	0
Air polluting emissions from stationary sources, thousand tons	2 271.6	2 357.8	2 446.7	2 483.1	2 441.0
Pollutants captured and detoxified, thousand tons	27 485.8	28 206.7	32 372.3	33 767.8	33 004.8
as percent of total amount of pollutants produced	92.4	92.3	93.0	93.2	93.1
Use (utilization) of harmful substances captured by cleansing installations, thousand tons	6 773.9	4 899.6	8 000.7	9 484.0	8 186.8
as percent of total amount of captured pollutant	24.6	17.4	24.7	28.1	24.8
Generation of hazardous waste, thousand tons	151 391	126 875	149 962	180 506	137 828
used and cleared	33 607	191 081	30 445	36 950	31 011

7.23 Fresh water consumption

million cub. m

	2016	2017	2018	2019	2020
Total	20 213	21 721	20 511	20 955	20 307
of which for:					
irrigation, supplying with water and agricultural water supply	9 629	13 222	12 760	13 178	12 361
industrial purposes	5 228	5 235	5 351	5 600	5 685
household and drinking purposes	728	762	741	792	800

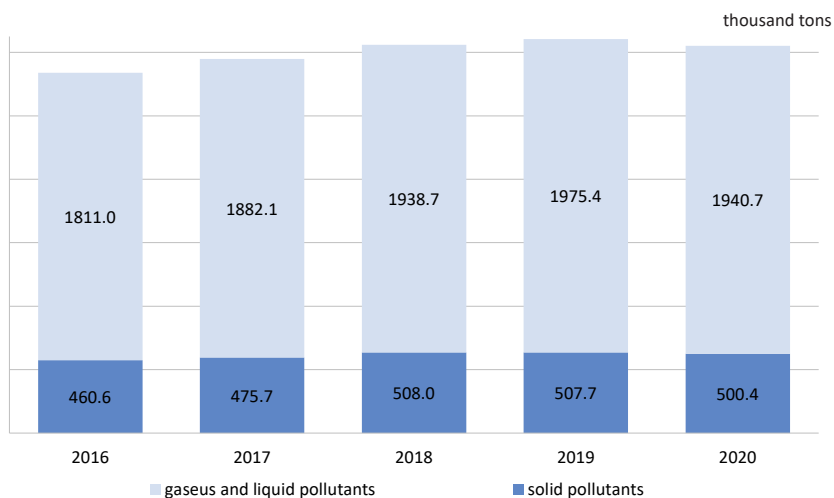
7.24 Emission and capture of pollutants produced by stationary industrial sources of air pollution

	2016	2017	2018	2019	2020
Air polluting emissions, thousand tons	2 271.6	2 357.8	2 446.7	2 483.1	2 441.0
Pollutants captured and detoxified, thousand tons	27 485.8	28 206.7	32 372.3	33 767.8	33 004.8
as percent of total amount of pollutants produced	92.4	92.3	93.0	93.2	93.1

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

	2016	2017	2018	2019	2020
Total, thousand tons	6 773.9	4 899.6	8 000.7	9 484.0	8 186.8
as % of total amount of captured pollutants	24.6	17.4	24.7	28.1	24.8

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

	2016	2017	2018	2019	2020
Volume of construction works	3 258 031	3 509 296	3 862 995	4 431 666	4 934 069
among which:					
construction and assembly works	2 928 198	3 046 494	3 323 650	3 772 840	4 062 896
capital repair	184 297	262 077	275 705	336 693	411 131
current repair	145 536	200 725	263 640	322 133	460 042
Number of construction organizations	7 176	7 463	7 654	7 810	8 317

7.27 Dwellings put into operation

thousand square metres of total space

	2016	2017	2018	2019	2020
Dwellings put into operation – total	10 513	11 168	12 521	13 126	15 332
of which:					
in urban settlements	7 681	8 752	9 641	9 924	11 838
in rural areas	2 832	2 416	2 880	3 202	3 494
financing by the means of:					
state enterprises and organizations	1 021	1 595	1 614	1 687	2 429
in urban settlements	883	1 455	1 478	1 544	2 237
in rural areas	138	140	136	143	192
non-state enterprises and organizations	9 491	9 573	10 907	11 236	12 903
in urban settlements	6 797	7 297	8 163	8 193	9 601
in rural areas	2 694	2 276	2 744	3 043	3 302
from the total space of the dwellings put into operation:					
individual investors	5 201	4 322	5 876	6 500	6 404
of which:					
in urban settlements	2 687	2 132	3 254	3 612	3 273
in rural areas	2 514	2 190	2 622	2 888	3 131

7.28 Number of apartments put into operation

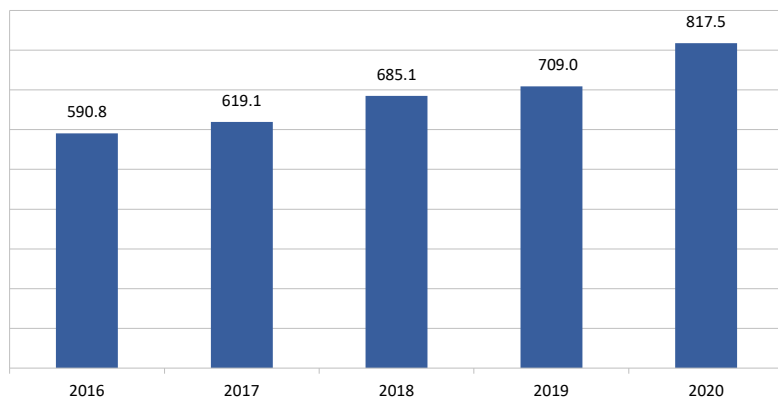
	2016	2017	2018	2019	2020
Total, thousand	89.3	100.8	113.5	115.3	139.1
of which:					
by state enterprises and organizations	12.5	18.7	19.6	22.3	30.9
by non-state enterprises and organizations	76.8	82.1	93.9	91.2	107.2
including:					
by individual investors	35.8	27.9	38.9	43.0	39.7
Total average space of apartments, square metre of total space	100.6	90.4	92.4	98.0	91.7

7.29 Educational and healthcare facilities commissioned

	2016	2017	2018	2019	2020
Secondary schools, pupils places	34 873	52 291	51 619	33 358	35 728
Pre-school institutions, places	13 802	7 739	12 812	8 431	4 947
Hospitals, beds	1 280	2 212	1 000	605	838
Out-patient and dispensary institutions, visits per shift	3 315	2 955	1 960	4 445	1 317

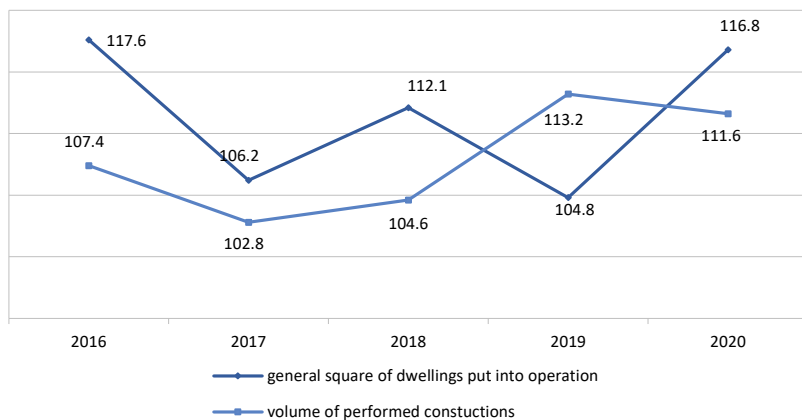
Dwellings put into operation for 1000 persons of population

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

	2016	2017	2018	2019	2020
Real estate activities	896 020.6	933 180.7	964 300.3	1 129 016.6	994 565.7
Rental services	478 865.2	437 552.8	520 657.9	590 378.6	621 995.0
Computer programming, consulting and similar services	141 501.9	183 895.2	209 057.1	277 732.6	356 546.7
Research and development	114 491.6	118 575.0	118 083.1	130 434.5	108 291.3
Public administration and defense obligatory social security	1 645 153.2	1 814 341.0	1 948 244.8	2 3160 89.2	2 564 828.8
Services in the field of buildings and ground servicing	115 998.2	161 722.4	166 761.6	186 411.5	239 383.4
Recreational, cultural and sporting activities	160 921.1	180 856.7	176 390.6	223 454.2	188 501.5
Other individual service activities	226 403.8	322 570.2	257 653.7	304 429.8	250 742.2

* 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

	2016	2017	2018	2019	2020
The number of visitors on the inbound tourism	6 509 390	7 701 196	8 789 314	8 514 989	2 034 753
The number of visitors on the outbound tourism	9 755 593	10 260 813	10 646 241	10 707 270	2 865 004

* 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 2020*

persons

	Number of foreign citizens arrived to Kazakhstan	Number of Kazakhstan's citizens departed abroad
Total	2 034 753	2 865 004
of which:		
CIS countries	1 865 297	2 447 409
Azerbaijan	29 686	5 031
Armenia	4 165	468

Continuation

	Number of foreign citizens arrived to Kazakhstan	Number of Kazakhstan's citizens departed abroad
Belarus	71 460	16 586
Kyrgyzstan	388 253	522 108
Moldova	2 350	11
Russian Federation	463 403	1 415 013
Tajikistan	103 613	1 636
Turkmenistan	6 241	1 025
Uzbekistan	769 353	480 811
Ukraine	26 773	4 720
Other non-CIS countries	169456	417595
Australia	741	2
Austria	490	18
Algeria	27	-
Argentina	58	-
Afganistan	876	110
Bangladesh	24	-
Belgium	488	12
Bulgaria	621	11
Bolivia	17	-
Bosnia and Herzegovina	64	-
Brazil	349	0
Vatican	1	-
Great Britain	4 012	2 301
Hungary	631	1 599
Venezuela	129	-
Vietnam	49	2
Ghana	17	0
Guatemala	14	1
Germany	11 608	15 460
Greece	498	0
Georgia	8 015	4 959
Denmark	236	-
Egypt	228	57 313
Zimbabwe	46	-
Israel	1 020	128
India	6 911	6 562
Indonesia	1 292	20
Jordan	331	21
Iraq	47	11
Iran	2 304	457
Ireland	316	1
Iceland	111	-
Spain	1 030	75
Italy	1 741	29
YAR	21	19
Cambodia	-	1
Cameroon	8	-
Canada	1 173	0

	Number of foreign citizens arrived to Kazakhstan	Number of Kazakhstan's citizens departed abroad
Qatar	115	16
Kenya	16	2
Cyprus	82	5
Korea (KPDR)	6	0
China	14 551	69 456
Colombia	225	1
Cuba	50	-
Kuwait	33	11
Laos	7	1
Latvia	811	48
Livan	115	178
Libya	20	-
Lithuania	1 490	72
Luxemburg	20	4
Madagascar	1	-
Macedonia	79	-
Malaysia	755	4 058
Malta	49	-
Morocco	46	-
Mexico	99	-
Mongolia	4 766	241
Nepal	25	-
Niger	2	1
Nigeria	90	-
Netherlands	1 182	2 013
New Zealand	147	-
Norway	117	0
UAE	835	87 101
Oman	53	11
Pakistan	540	0
Palestinian Authority	32	-
Panama	7	-
Peru	26	-
Poland	2 508	2 096
Portugal	239	1
Reunion	4	15
Christmas Island	2	3
Rwanda	1	-
Romania	431	12
Saudi Arabia	160	2 257
Saint Lusía	0	-
Singapore	210	0
Syria	48	-
Slovakia		
Slovenia	93	3
Sudan	18	-
Surinam	2	-

Continuation

	Number of foreign citizens arrived to Kazakhstan	Number of Kazakhstan's citizens departed abroad
USA	6 120	3
Taiwan	59	1
Thailand	367	13 094
Tunisia	22	11
Turkey	70 260	129 259
Uganda	2	4
Philippines	540	-
Finland	343	175
France	1 993	539
Croatia	227	9
Czech Republic	629	2 063
Chili	34	-
Switzerland	468	129
Sweden	409	0
Sri Lanka	25	1 493
Estonia	241	-
Ethiopia	15	-
SAR	634	1
South Korea	5 707	8 671
Jamaica	1	0
Japan	723	387
Others	4 985	5 038

** 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

	2016	2017	2018	2019	2020
Number of accommodation establishment, units	2 754	2 987	3 322	3 592	3 514
Number of tourists accommodated, persons	4 217 782	5 279 406	5 526 864	6 266 563	3 581 340
of which:					
residents	3 495 267	4 387 495	4 695 942	5 286 782	3 328 614
foreign residents	722 515	891 911	830 922	979 781	252 726
Number of rooms, units	60 427	65 791	71 858	75 913	77 131
Total capacity (bed-places)	138 062	152 601	168 603	181 201	183 619
Bed-nights of accommodation	7 582 785	9 544 646	9 602 762	10 520 133	5 679 651
Fillability rate, in %	24.0	25.0	23.2	23.7	17.3
Volume of services rendered by accommodation establishments, million tenge	82 853.4	108 359.8	103 948.3	120 527.2	66 860.3
of which:					
provision of services by hotels	74 342.0	96 615.9	89 706.4	103 530.1	59 012.0
provision of accommodation for weekend and other short-stay accommodation	8 151.4	11 231.8	13 569.1	15 915.0	6 889.2
tourist camps, recreation and entertainment parks	26.1	37.9	62.1	103.6	56.9
other types of accommodation establishments	333.9	474.2	610.7	978.5	902.2

** 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

	2016	2017	2018	2019	2020
Railway transport					
Locomotives	1 725	1 732	1 714	1 722	1 733
diesel	1 186	1 183	1 168	1 173	1 184.5
electric	539	549	546	x	x
Freight railroad cars	129 352	130 421	134 706	138 513	138 501
Passenger railroad cars	2 630	2 661	2 597	2 490	2 684
Luggage railroad cars	28	28	28	28	24
River transport					
Self-propelled cargo vessels	9	9	9	9	12
dry-cargo	9	9	9	9	11
tank	-	-	-	-	x
Barges	69	66	56	56	62
dry-cargo	61	58	50	47	48
tanker	8	8	6	9	14
tug boats, pushers	74	75	68	68	74
Passenger and cargo/passenger vessels	27	21	27	22	20
Motor road transport:					
Trucks ¹⁾	439 167	440 612	404 848	461 780	479 641
Buses ¹⁾	98 652	90 430	89 291	86 613	83 581
Passenger cars ¹⁾	3 845 301 ²⁾	3 851 583 ²⁾	3 847 981 ²⁾	3 776 893 ²⁾	3 870 318

Continuation

	2016	2017	2018	2019	2020
City electric:					
Trams	170	x	x	147	137
Trolley buses	x	x	x	x	x

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

	2016	2017	2018	2019	2020
Million tons					
Freights were transported	3 729.2	3 946.1	4 103.8	4 222.7	3 944.8
of which:					
railway	338.9	387.2	397.9	397.0	402.3
motor road	3 180.7	3 322.3	x	3 550.5	3 287.1
inland water	1.2	1.6	1.2	1.3	0.9
sea	0.02	0.02	0.04	0.03	0.02
air	205.8	232.8	281.4	273.0	253.7
pipeline	2.6	2.1	x	0.8	x
Billion tons/km					
Freight turnover	518.6	564.0	609.5	597.6	584.0
of which:					
railway	239.0	266.6	283.3	286.7	299.2
motor road	163.3	166.1	185.2	173.5	160.0
inland water	0.02	0.03	0.04	0.01	0.02
sea	0.04	0.05	0.06	0.08	0.06
air	114.5	129.5	x	136.7	124.2
pipeline	1.8	1.6	x	0.7	x

7.36 Selected freights shipped by general purpose railroad transport

million tons

	2016	2017	2018	2019	2020
Total freights	214.7	241.4	254.0	x	x
of which:					
coal	90.6	102.5	104.4	x	x
coke	0.4	0.6	0.7	x	x
oil freights	13.9	14.0	14.0	x	x
iron and manganese ore	20.2	23.0	25.0	x	x
ferrous metals	6.0	6.7	6.5	x	x
chemical and mineral fertilizers	2.2	3.3	3.4	x	x
building freights:	30.9	26.5	28.9	x	x
of which cement	-	7.3	8.1	x	x
timber freights	0.5	0.7	1.0	x	x
grain products	8.5	8.5	11.1	x	x

7.37 Passenger transportation and passenger turnover by modes of transport

	2016	2017	2018	2019	2020
Million persons					
All modes of transport	22 332.8	22 744.7	23 013.0	23 835.8	8 396.4
of which:					
railway	23.1	22.9	23.1	22.4	13.2
automobile	22 239.4	22 643.6	22 911.5	23 719.2	8 234.0
inland water	0.1	0.06	x	0.04	0.04
air	6.0	7.4	7.6	8.6	5.5
tram	31.8	31.2	27.5	31.3	24.7
trolleybus	19.6	x	x	x	21.5
subway	12.5	x	x	x	x
other types (cableways, etc.)	0.3	0.2	1.0	1.3	0.5
Million passenger/kms					
All modes of transport	266 784	273 193	281 484	295 517	108 711
of which:					
railway	17 914	18 222	18 562	17 721	9 163
automobile	237 194	240 074	247 474	260 380	90 730
inland water	1.2	0.7	x	0.7	0.5
air	11 313	14 384	14 990	16 886	8 525
tram	139	135	117	135	101
trolleybus	93	x	x	x	102
subway	128.7	x	x	x	x
other types (cableways, etc.)	0.9	114.1	58.2	52.9	17.5

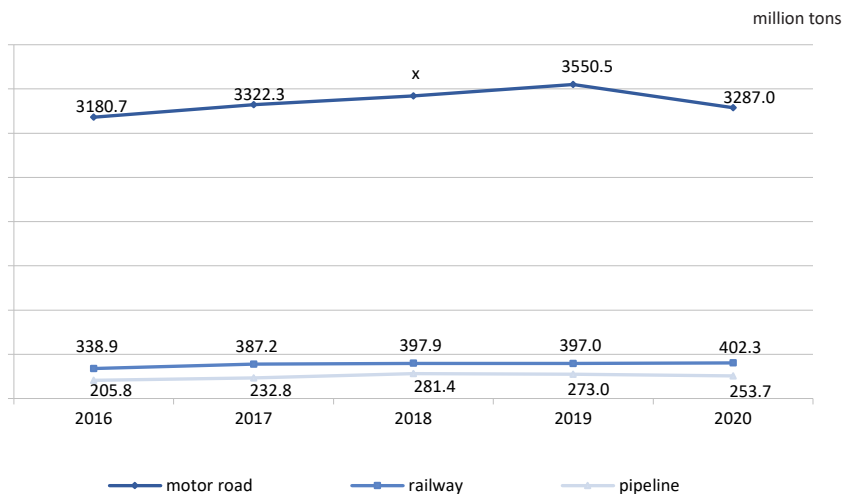
7.38 Passengers carried by transportation modes

million persons

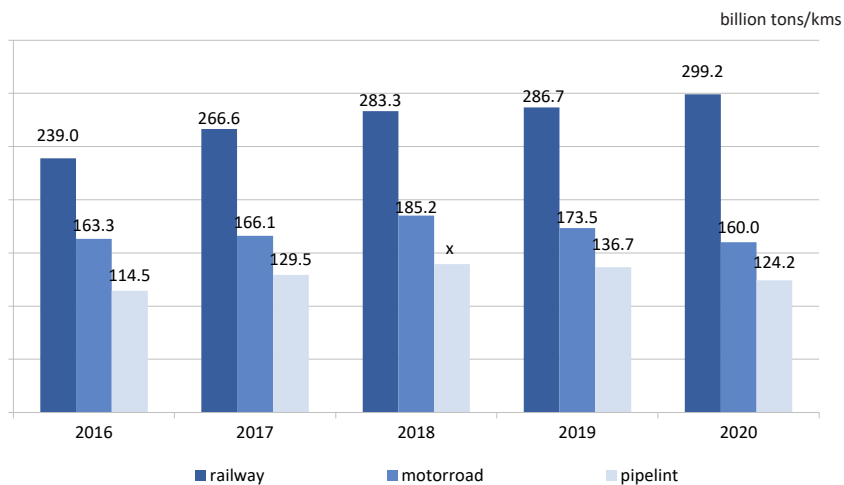
	2016	2017	2018	2019	2020
Intercity transportation					
bus*	18.0	19.1	20.6	20.4	12.6
railway	16.2	16.3	16.5	16.8	9.3
air	3.9	4.6	4.3	5.4	4.6
taxi*	0.4	0.5	0.2	0.06	0.04
International transportation					
bus*	1.2	1.1	1.1	4.1	3.4
railway	2.5	x	x	x	x
air	2.1	2.8	3.2	3.3	0.9
taxi*	-	x	x	x	x
Suburban transportation					
bus*	66.4	66.0	70.6	70.0	47.1
railway	x	3.8	x	4.0	3.5
inland water	0.03	0.02	x	0.02	0.01
taxi*	0.2	x	x	0.1	0.03
Inside city transportation					
bus*	1 230.5	1 253.5	1 229.6	1 182.6	737.2
taxi*	7.6	5.2	3.5	2.5	1.3
trolley-bus	x	x	x	x	21.5
tram	31.8	31.2	27.5	31.3	24.7
inland water	0.06	0.04	x	x	0.02
sea	-	-	x	0.06	0.04

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

Freights shipped by modes of transport

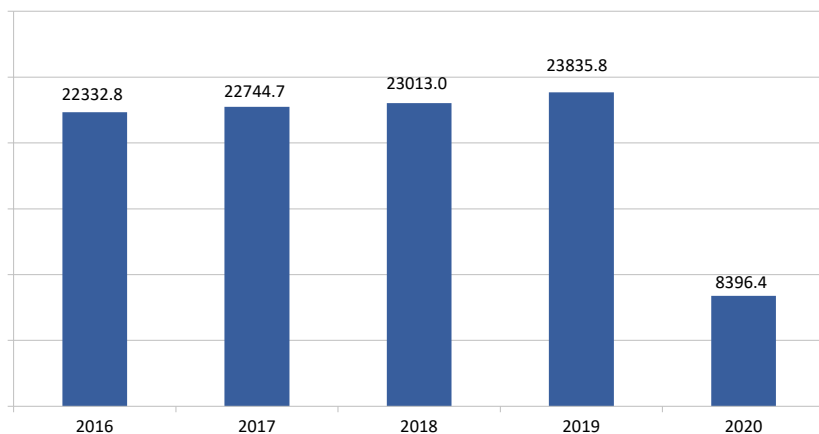


Freight turnover



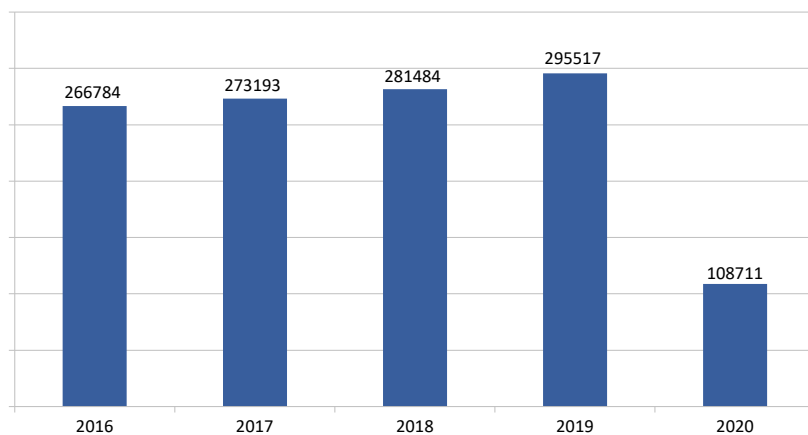
Passengers carried

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

	2016	2017	2018	2019	2020
Revenues from main communication activity (at current prices), million tenge	28 297.9	33 688.3	37 034.3	42 938.0	50 028.2
of which:	8 969.5	11 109.4	9 961.3	10 734.4	11 243.8
revenues from communication services rendered to population					
Dispatched, million units:	179.6	164.3	135.6	118.7	108.6
letters	52.7	44.6	43.4	49.1	45.3
newspapers and magazines	6.3	7.1	6.6	8.9	10.2
parcels	1.6	1.7	1.4	1.1	1.1
telegrams	722 217.4	752 332.0	782 459.1	854 566.4	926 626.1
Number of trunk calls, million units	415 246.0	423 555.9	434 346.4	459 601.9	495 753.8
of which:	865.1	734.3	612.5	502.6	529.1
number of international trunkcalls	79.0	79.0	251.9	215.3	135.4
Number of telephone units in the general purpose network – total, thousand units	3 925.2	3 686.6	3 206.1	3 072.5	3 091.0
of which:					
urban telephone network	2 921.5	2 738.7	2 320.2	2 236.8	2 270.1
rural telephone network	1 003.7	947.9	885.9	835.7	820.9
Of total number of telephone units population, thousand units	3 065.3	2 839.9	2 595.5	2 455.7	2 421.4
Number of subscribers of mobile communication, thousand units	25 534.7	26 693.3	26 065.6	25 717.7	24 293.9

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

	2016	2017	2018	2019	2020
Total volume of retail trade turnover	7 974.4	8 892.9	10 045.8	11 327.6	11 729.9
of which:					
food goods	2 204.3	2 690.9	3 035.8	3 562.4	4 102.1
non-food goods	5 770.1	6 202.0	7 010.0	7 765.1	7 627.8
Total retail trade turnover by channels of sales:					
trade enterprises	3 844.6	4 556.3	5 440.8	6 627.9	7 085.6
markets and sole proprietors	4 129.8	4 336.6	4 605.0	4 699.7	4 644.3
Share of trading on the markets and by sole proprietors in retail trade turnover, as %	51.8	48.8	45.8	41.8	39.6
Total volume of retail trade turnover per capita, tenge	448 134	493 017	549 657	611 849	625 408
of which:					
food goods	123 873	149 178	166 102	192 422	218 715
non-food goods	324 261	343 839	383 555	419 427	406 694
Wholesale trade turnover	18 011.8	19 485.1	23 836.7	27 011.9	27 656.5

8.2 Volume indices of retail trade turnover

as percent of the previous year

	2016	2017	2018	2019	2020
Total retail trade turnover	102.0	102.7	105.7	105.9	96.8
of which:					
food goods	101.7	111.9	106.6	108.5	104.5
non-food goods	102.1	99.2	105.2	104.8	93.0

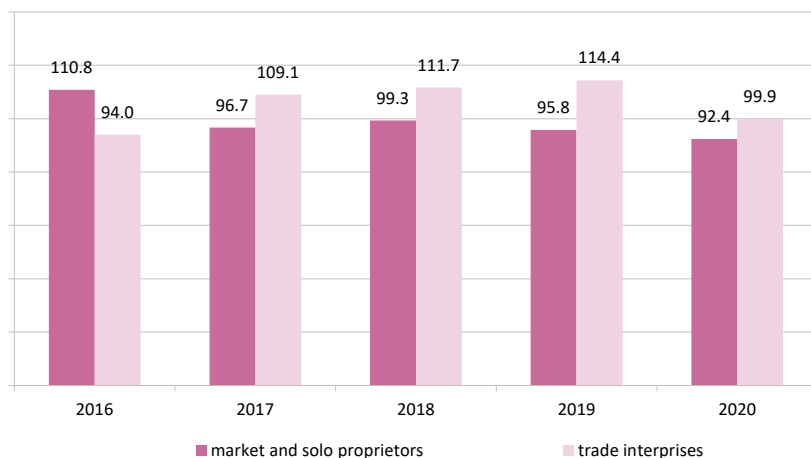
8.3 Total volume of retail trade turnover by selected commodity groups

billion tenge

	2016	2017	2018	2019	2020
All goods	7 974.4	8 892.9	10 045.8	11 327.6	11 729.9
Food goods	2 204.3	2 690.9	3 035.8	3 562.4	4 102.1
of which:					
meat and meat products, of which meat of poultry	381.1	412.0	478.4	585.1	624.7
fish crustaceans and mollusks	51.9	75.6	80.8	117.0	171.0
animal butter, vegetable oil and fats	80.7	92.2	124.0	121.9	184.4
bread and bakery confectionery products	141.9	171.1	175.4	208.6	243.9
fruit and vegetables	245.6	262.0	377.2	389.8	360.1
alcoholic beverages	262.6	270.6	300.1	340.9	442.1
tobacco products	66.4	80.4	86.5	98.6	132.8
Non-food goods	5 770.1	6 202.0	7 010.0	7 765.1	7 627.8
of which:					
wearing apparel	573.8	777.0	963.7	977.4	891.1
textiles	53.4	75.3	66.7	57.0	60.8
foot wear	174.3	237.0	280.9	263.1	190.1
other household appliances, cutlery, crockery, glassware, china and pottery	89.0	97.9	74.0	72.5	112.2
electric appliances	315.7	353.2	399.0	444.6	496.7
audio, video apparatus	89.7	72.4	103.7	174.7	109.8

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

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Total	36 736.9	100.0	48 503.3	100.0	61 111.2	100.0
CIS countries	6 327.6	17.2	8 298.9	17.1	9 568.3	15.7
EurAsEc countries	3 930.2	10.7	5 262.5	10.8	6 046.7	9.9
Armenia	0.6	0.0	5.6	0.0	4.9	0.0
Belarus	47.2	0.1	101.2	0.2	105.1	0.2
Kyrgyzstan	437.2	1.2	516.7	1.1	656.9	1.1

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Russian Federation	3 445.2	9.4	4 639.0	9.6	5 279.9	8.6
Non - EurAsEc countries	2 397.4	6.5	3 036.3	6.3	3 521.6	5.8
Azerbaijan	106.5	0.3	105.9	0.2	175.1	0.3
Moldova	18.1	0.0	29.0	0.1	35.7	0.1
Tadzhikistan	371.9	1.0	458.6	0.9	524.0	0.9
Turkmenistan	69.1	0.2	55.4	0.1	86.7	0.1
Uzbekistan	925.2	2.5	1 249.2	2.6	1 639.7	2.7
Ukraine	906.7	2.5	1 138.1	2.3	1 060.5	1.7
Other countries of the world	30 409.3	82.8	40 204.4	82.9	51 542.9	84.3
Europe	21 147.3	57.6	27 388.8	56.5	33 943.4	55.5
EU countries	18 680.1	50.8	24 276.4	50.1	31 023.6	50.8
Austria	46.5	0.1	3.4	0.0	5.8	0.0
Belgium	137.0	0.4	158.1	0.3	300.9	0.5
Bulgaria	87.5	0.2	204.0	0.4	183.4	0.3
Hungary	14.3	0.0	39.2	0.1	26.2	0.0
Germany	262.2	0.7	418.0	0.9	462.8	0.8
Greece	871.0	2.4	964.0	2.0	1 213.5	2.0
Spain	989.1	2.7	1 444.3	3.0	1 862.1	3.0
Italy	7 481.7	20.4	8 667.3	17.9	11 734.3	19.2
Netherlands	3 255.8	8.9	4 747.9	9.8	6 186.1	10.1
Poland	528.7	1.4	574.4	1.2	891.2	1.5
Portugal	355.7	1.0	595.6	1.2	380.8	0.6
Romania	842.7	2.3	925.6	1.9	1 497.8	2.5
Great Britain	889.4	2.4	926.7	1.9	784.9	1.3
France	1 791.8	4.9	2 860.7	5.9	3 839.2	6.3
Other countries	1 126.6	3.1	1 747.2	3.6	1 654.5	2.7
Non - EU countries	2 467.2	6.7	3 112.4	6.4	2 919.8	4.8
Albania	1.2	0.0	2.1	0.0	0.0	0.0
Norway	8.1	0.0	6.6	0.0	15.2	0.0
Сербия	1.2	0.0	0.5	0.0	3.6	0.0
Other countries	2 456.6	6.7	3 103.2	6.4	2 900.9	4.7
Asia	8 253.1	22.5	11 999.0	24.7	16 044.1	26.3
Afghanistan	486.3	1.3	562.5	1.2	517.6	0.8
Vietnam	167.5	0.5	277.7	0.6	179.0	0.3
Georgia	19.4	0.1	38.7	0.1	52.2	0.1
Israel	235.6	0.6	130.7	0.3	397.9	0.7
India	411.1	1.1	733.3	1.5	953.4	1.6
Indonesia	1.2	0.0	4.3	0.0	10.3	0.0
Iran	550.5	1.5	484.0	1.0	429.4	0.7
China	4 228.4	11.5	5 798.0	12.0	6 307.5	10.3
Malaysia	0.1	0.0	13.2	0.0	351.7	0.6
Mongolia	77.1	0.2	72.5	0.1	73.2	0.1
UAE	305.2	0.8	558.8	1.2	412.7	0.7
Pakistan	2.7	0.0	5.5	0.0	2.3	0.0

Continuation

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Republic of Korea	223.5	0.6	1 128.2	2.3	2 975.9	4.9
Saudi Arabia	39.2	0.1	15.8	0.0	8.1	0.0
Singapore	54.2	0.1	86.5	0.2	482.6	0.8
Thailand	7.4	0.0	1.2	0.0	0.2	0.0
Taiwan (Province of China)	2.3	0.0	2.6	0.0	6.2	0.0
Turkey	851.0	2.3	1 150.6	2.4	1 238.6	2.0
Philippines	0.0	0.0	19.0	0.0	103.8	0.2
Japan	558.8	1.5	886.5	1.8	1 503.0	2.5
Other countries	31.4	0.1	29.6	0.1	38.8	0.1
America	914.9	2.5	643.8	1.3	1 169.9	1.9
Virgin Islands (Brit.)	0.3	0.0	0.2	0.0		0.0
Canada	272.7	0.7	217.1	0.4	149.3	0.2
Columbia	0.0	0.0	0.1	0.0	0.2	0.0
Panama	0.0	0.0	0.1	0.0	0.1	0.0
USA	613.0	1.7	390.4	0.8	955.2	1.6
Ecuador	0.3	0.0	0.1	0.0	1.7	0.0
Other countries	28.6	0.1	35.8	0.1	63.4	0.1
Africa	88.1	0.2	168.6	0.3	379.1	0.6
Algeria	0.5	0.0	82.1	0.2	146.7	0.2
Egypt	38.3	0.1	11.6	0.0	16.7	0.0
Libya	0.0	0.0	0.0	0.0	0.0	0.0
Morocco	23.4	0.1	51.4	0.1	133.1	0.2
Tunisia	9.8	0.0	10.0	0.0	39.9	0.1
Other countries	16.1	0.0	13.6	0.0	42.7	0.1
Australia and oceania	5.9	0.0	4.2	0.0	6.2	0.0
Australia	5.8	0.0	4.1	0.0	6.2	0.0
Other countries	0.1	0.0	0.1	0.0	0.0	0.0

Continuation

	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
Total	58 065.6	100.0	47 540.8	100
CIS countries	10 109.5	17.4	9 151.3	19.3
EurAsEc countries	6 406.2	11.0	5 671.9	11.9
Armenia	4.4	0.0	6.4	0.0
Belarus	106.8	0.2	77.3	0.2
Kyrgyzstan	624.1	1.1	581.0	1.2
Russian Federation	5 670.9	9.8	5 007.1	10.5
Non - EurAsEc countries	3 703.2	6.4	3 479.4	7.3
Azerbaijan	152.9	0.3	84.1	0.2
Moldova	28.9	0.1	63.0	0.1
Tadzhikistan	653.1	1.1	693.3	1.5
Turkmenistan	116.1	0.2	76.6	0.2
Uzbekistan	1 996.6	3.4	2 137.7	4.5
Ukraine	755.6	1.3	424.7	0.9

	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
Other countries of the world	47 956.1	82.6	38 389.5	80.8
Europe	27 545.2	47.4	19 919.1	41.9
EU countries	24 834.7	42.8	18 341.4	38.6
Austria	3.5	0.0	3.2	0.0
Belgium	206.1	0.4	217.6	0.5
Bulgaria	285.1	0.5	207.5	0.4
Hungary	10.3	0.0	9.4	0.0
Germany	297.3	0.5	247.6	0.5
Greece	1 360.6	2.3	1 401.5	2.9
Spain	2 176.0	3.7	1 215.2	2.6
Italy	8 377.4	14.4	6 644.4	14.0
Netherlands	4 398.3	7.6	3 149.0	6.6
Poland	462.6	0.8	366.6	0.8
Portugal	245.1	0.4	0.0	0.0
Romania	1 731.9	3.0	1 263.7	2.7
Great Britain	649.4	1.1	688.0	1.4
France	3 648.7	6.3	1 858.5	3.9
Other countries	982.4	1.8	1 069.2	2.2
Non-EU countries	2 710.4	4.7	1 577.8	3.3
Albania	1.8	0.0	1.5	0.0
Norway	8.4	0.0	4.1	0.0
Сербия	2.9	0.0	1.8	0.0
Other countries	2 697.3	4.6	1 570.4	3.3
Asia	18 855.4	32.5	17 426.6	36.7
Afghanistan	399.0	0.7	620.7	1.3
Vietnam	124.9	0.2	57.3	0.1
Georgia	26.6	0.0	84.0	0.2
Israel	466.5	0.8	327.0	0.7
India	1 572.8	2.7	1 991.6	4.2
Indonesia	93.9	0.2	50.2	0.1
Iran	295.9	0.5	128.5	0.3
China	8 003.9	13.8	9 420.6	19.8
Malaysia	542.1	0.9	56.7	0.1
Mongolia	58.3	0.1	27.4	0.1
UAE	449.2	0.8	378.7	0.8
Pakistan	1.9	0.0	16.1	0.0
Republic of Korea	3 080.2	5.3	1 003.9	2.1
Saudi Arabia	3.1	0.0	1.4	0.0
Singapore	246.1	0.4	76.9	0.2
Thailand	0.1	0.0	0.7	0.0
Taiwan (Province of China)	4.1	0.0	14.2	0.0
Turkey	2 420.5	4.2	2 131.5	4.5
Philippines	0.0	0.0	4.3	0.0
Japan	880.3	1.5	664.7	1.4
Other countries	186.0	0.4	370.2	0.8

Continuation

	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
America	1 289.1	2.2	868.1	1.8
Virgin Islands (Brit.)	46.8	0.1	0.0	0.0
Canada	278.7	0.5	258.5	0.5
Columbia	0.2	0.0	1.7	0.0
Panama	0.0	0.0	0.0	0.0
USA	894.8	1.5	536.1	1.1
Ecuador	0.0	0.0	0.0	0.0
Other countries	68.6	0.1	71.8	0.2
Africa	257.4	0.4	163.1	0.3
Algeria	92.4	0.2	63.2	0.1
Egypt	13.5	0.0	5.5	0.0
Libya	0.1	0.0	0.0	0.0
Morocco	70.4	0.1	55.6	0.1
Tunisia	33.6	0.1	16.5	0.0
Other countries	47.4	0.0	22.3	0.0
Australia and oceania	9.1	0.0	12.7	0.0
Australia	9.1	0.0	12.7	0.0
Other countries	0.0	0.0	0.0	0.0

8.5 Imports of the Republic of Kazakhstan by main trade partners

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Total	25 376.7	100.0	29 599.6	100.0	33 658.5	100.0
CIS countries	11 363.6	44.8	14 132.0	47.7	16 033.9	47.6
EurAsEc countries	9 863.6	38.9	12 518.2	42.3	14 097.4	41.9
Armenia	4.8	0.0	5.0	0.0	9.0	0.0
Belarus	339.0	1.3	531.7	1.8	607.3	1.8
Kyrgyzstan	231.4	0.9	248.4	0.8	243.6	0.7
Russian Federation	9 288.3	36.6	11 733.0	39.6	13 237.5	39.3
Non - EurAsEc countries	1 500.1	5.9	1 613.8	5.5	1 936.5	5.8
Azerbaijan	30.2	0.1	33.8	0.1	46.2	0.1
Moldova	13.7	0.1	14.4	0.0	17.2	0.1
Tadzhikistan	218.4	0.9	323.1	1.1	317.9	0.9
Turkmenistan	214.4	0.8	44.2	0.1	11.4	0.0
Uzbekistan	587.8	2.3	736.2	2.5	1 155.3	3.4
Ukraine	435.6	1.7	462.2	1.6	388.4	1.2
Other countries of the world	14 013.1	55.2	15 467.6	52.3	17 624.6	52.4
Europe	5 887.4	23.2	5 975.9	20.2	6 902.8	20.5
EU countries	5 692.0	22.4	5 739.4	19.4	6 645.4	19.7
Austria	149.8	0.6	153.3	0.5	172.2	0.5
Belgium	163.2	0.6	128.5	0.4	153.9	0.5
Bulgaria	22.2	0.1	37.3	0.1	29.7	0.1
Great Britain	372.4	1.5	359.1	1.2	113.0	0.3
Hungary	98.9	0.4	117.3	0.4	1 640.0	4.9

Continuation

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Germany	1 442.6	5.7	1 485.1	5.0	19.5	0.1
Greece	13.2	0.1	16.6	0.1	77.5	0.2
Denmark	60.6	0.2	92.6	0.3	118.3	0.4
Ireland	139.2	0.5	119.4	0.4	179.1	0.5
Spain	355.4	1.4	254.3	0.9	1 485.5	4.4
Italy	835.7	3.3	945.9	3.2	25.8	0.1
Latvia	32.8	0.1	23.8	0.1	66.4	0.2
Lithuania	83.5	0.3	166.6	0.6	307.8	0.9
Netherlands	281.5	1.1	282.0	1.0	283.6	0.8
Poland	254.4	1.0	327.6	1.1	177.4	0.5
Romania	78.5	0.3	66.8	0.2	53.4	0.2
Slovakia	29.7	0.1	38.5	0.1	459.1	1.4
Finland	124.3	0.5	132.0	0.4	146.3	0.4
France	660.9	2.6	535.3	1.8	657.5	2.0
Czech Republic	186.4	0.7	190.1	0.6	211.9	0.6
Sweden	165.5	0.7	123.5	0.4	142.8	0.4
Estonia	25.6	0.1	20.5	0.1	22.2	0.1
Other countries	115.6	0.5	123.4	0.4	102.5	0.3
Non - EU countries	195.4	0.8	236.5	0.8	257.4	0.8
Switzerland	109.6	0.4	136.8	0.5	176.5	0.5
Other countries	85.8	0.3	99.7	0.3	80.9	0.2
Asia	6 229.1	24.5	7 572.0	25.6	8 828.1	26.2
Georgia	21.7	0.1	25.9	0.1	33.0	0.1
Israel	66.1	0.3	47.7	0.2	63.2	0.2
India	203.9	0.8	212.5	0.7	242.9	0.7
Iran	45.7	0.2	68.1	0.2	89.7	0.3
China	3 668.0	14.5	4 695.0	15.9	5 384.2	16.0
Malaysia	82.8	0.3	110.2	0.4	126.1	0.4
Mongolia	0.9	0.0	2.3	0.0	2.8	0.0
UAE	69.0	0.3	84.3	0.3	71.5	0.2
Republic of Korea	453.0	1.8	567.3	1.9	921.2	2.7
Singapore	37.2	0.1	37.3	0.1	39.8	0.1
Turkey	618.3	2.4	729.6	2.5	655.3	1.9
Japan	552.9	2.2	413.9	1.4	502.0	1.5
Other countries	409.6	1.6	577.8	2.0	696.2	2.1
America	1 702.4	6.7	1 708.5	5.8	1 656.1	4.9
Brasil	156.1	0.6	111.5	0.4	102.1	0.3
Canada	111.2	0.4	154.2	0.5	108.8	0.3
Cuba	9.8	0.0	23.9	0.1	12.4	0.0
USA	1 269.6	5.0	1 245.1	4.2	1 268.2	3.8
Other countries	155.7	0.6	173.7	0.6	164.6	0.5
Africa	161.5	0.6	185.1	0.6	204.0	0.6
Australia and oceania	32.7	0.1	26.1	0.1	33.7	0.1
Australia	25.9	0.1	23.2	0.1	30.2	0.1
Other countries	6.7	0.0	3.0	0.0	3.5	0.0

Continuation

	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
Total	39 709.3	100.0	38 929.1	100.0
CIS countries	17 264.8	43.5	16 049.0	41.2
EurAsEc countries	15 297.4	38.5	14 708.5	37.8
Armenia	7.1	0.0	7.8	0.0
Belarus	662.6	1.7	664.9	1.7
Kyrgyzstan	315.7	0.8	267.6	0.7
Russian Federation	14 312.1	36.0	13 768.2	35.4
Non - EurAsEc countries	1 967.4	5.0	1 340.5	3.4
Azerbaijan	20.4	0.1	25.0	0.1
Moldova	9.2	0.0	12.8	0.0
Tadzhikistan	109.7	0.3	98.1	0.3
Turkmenistan	29.8	0.1	51.4	0.1
Uzbekistan	1 418.6	3.6	793.0	2.0
Ukraine	379.6	1.0	360.1	0.9
Other countries of the world	22 444.5	56.5	22 880.1	58.8
Europe	6 938.4	17.5	6 819.8	17.5
EU countries	6 693.4	16.9	6 522.2	16.8
Austria	178.3	0.5	159.1	0.4
Belgium	141.1	0.4	104.4	0.3
Bulgaria	48.8	0.1	38.6	0.1
Great Britain	91.6	0.2	103.2	0.3
Hungary	1 495.2	3.8	1 832.3	4.7
Germany	18.3	0.1	20.8	0.1
Greece	45.5	0.1	169.7	0.4
Denmark	114.3	0.3	113.5	0.3
Ireland	192.9	0.5	190.7	0.5
Spain	1 579.7	4.0	937.2	2.4
Italy	37.0	0.1	28.7	0.1
Latvia	94.9	0.2	121.3	0.3
Lithuania	237.3	0.6	240.8	0.6
Netherlands	341.1	0.9	310.4	0.8
Poland	96.5	0.2	73.8	0.2
Romania	41.4	0.1	67.7	0.2
Slovakia	472.2	1.2	358.9	0.9
Finland	170.7	0.4	126.4	0.3
France	700.5	1.8	954.1	2.5
Czech Republic	307.2	0.8	284.3	0.7
Sweden	148.8	0.4	158.4	0.4
Estonia	11.8	0.0	11.2	0.0
Other countries	128.3	0.3	116.7	0.3
Non-EU countries	245.1	0.6	297.6	0.8
Switzerland	135.7	0.3	190.0	0.5
Other countries	109.4	0.3	107.6	0.3
Asia	13 251.6	33.4	14 280.5	36.7
Georgia	43.8	0.1	37.2	0.1
Israel	47.7	0.1	49.6	0.1
India	292.6	0.7	383.7	1.0

	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
Iran	81.5	0.2	109.6	0.3
China	6 788.6	17.1	6 378.0	16.4
Malaysia	102.8	0.3	129.7	0.3
Mongolia	1.7	0.0	1.9	0.0
UAE	88.7	0.2	95.7	0.2
Republic of Korea	3 465.3	8.7	4 907.5	12.6
Singapore	44.5	0.1	35.4	0.1
Turkey	817.1	2.1	950.9	2.4
Japan	596.5	1.5	552.0	1.4
Other countries	880.8	2.2	649.3	1.7
America	1 950.7	4.9	1 478.4	3.8
Brasil	255.9	0.6	39.0	0.1
Canada	198.5	0.5	111.2	0.3
Cuba	0.3	0.0	0.2	0.0
USA	1 351.3	3.4	1 163.8	3.0
Other countries	144.7	0.4	164.2	0.4
Africa	234.5	0.59	253.7	0.7
Australia and oceania	69.4	0.17	47.8	0.1
Australia	65.4	0.16	43.1	0.1
Other countries	4.0	0.0	162.8	0.4

8.6 Exports of the Republic of Kazakhstan by commodity nomenclature

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Total	36 736.9	100.0	48 503.3	100.0	61 111.2	100.0
CIS countries	6 327.6	100.0	8 298.9	100.0	9 568.3	15.7
other countries of the world	30 409.3	100.0	40 204.4	100.0	51 542.9	84.3
of which:						
Live animals and products of animal origin	105.1	0.3	125.8	0.3	201.0	0.3
CIS countries	54.4	0.9	61.1	0.7	117.9	1.2
other countries of the world	50.7	0.2	64.6	0.2	83.1	0.2
Products of vegetable origin	1 636.5	4.5	1 787.0	3.7	2 330.6	3.8
CIS countries	813.4	12.9	839.4	10.1	1 068.5	11.2
other countries of the world	823.1	2.7	947.6	2.4	1 262.1	2.4
Fats and oils of animal or vegetable origin and their cleavage products; prepared edible fats; waxes of animal or vegetable origin	64.3	0.2	118.5	0.2	140.0	0.2
CIS countries	38.5	0.6	66.8	0.8	78.4	0.8
other countries of the world	25.8	0.1	51.6	0.1	61.6	0.1
Prepared foodstuffs; alcoholic and non-alcoholic beverages and vinegar; tobacco and its substitutes	344.2	0.9	386.5	0.8	430.5	0.7
CIS countries	263.8	4.2	306.5	3.7	349.4	3.7
other countries of the world	80.4	0.3	80.0	0.2	81.1	0.2

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Mineral products	23 890.6	65.0	33 200.8	68.5	45 546.7	74.5
CIS countries	2 458.6	38.9	3 300.7	39.8	3 604.2	37.7
other countries of the world	21 432.0	70.5	29 900.1	74.4	41 942.5	81.4
Products of the chemical and related industries	2 551.1	6.9	2 379.4	4.9	2 426.8	4.0
CIS countries	745.1	11.8	717.4	8.6	953.7	10.0
other countries of the world	1 805.9	5.9	1 662.0	4.1	1 473.0	2.9
Plastics and articles thereof; rubber and articles thereof	90.4	0.2	103.8	0.2	123.1	0.2
CIS countries	82.9	1.3	92.6	1.1	112.7	1.2
other countries of the world	7.4	0.0	11.2	0.0	10.4	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)	40.1	0.1	19.2	0.0	13.1	0.0
CIS countries	7.6	0.1	4.0	0.0	3.7	0.0
other countries of the world	32.5	0.1	15.3	0.0	9.4	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	26.6	0.1	52.2	0.1
CIS countries	7.9	0.1	24.3	0.3	47.8	0.5
other countries of the world	0.4	0.0	2.3	0.0	4.4	0.0
Pulp of wood or of other fibrous cellulosic material; regenerated paper and paperboard (scrap paper and paper waste) and articles thereof	240.1	0.7	25.9	0.1	26.0	0.0
CIS countries	17.9	0.3	21.3	0.3	22.8	0.2
other countries of the world	222.3	0.7	4.6	0.0	3.2	0.0
Textiles and textile products	150.6	0.4	212.9	0.4	181.6	0.3
CIS countries	84.7	1.3	66.6	0.8	77.8	0.8
other countries of the world	65.8	0.2	146.4	0.4	103.8	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	16.0	0.0	8.7	0.0	10.0	0.0
CIS countries	15.0	0.2	7.7	0.1	8.5	0.1
other countries of the world	0.9	0.0	0.9	0.0	1.5	0.0
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	26.5	0.1	27.9	0.1	37.3	0.1
CIS countries	21.5	0.3	22.7	0.3	28.0	0.3
other countries of the world	5.0	0.0	5.3	0.0	9.3	0.0

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Natural or cultured pearls, precious or semiprecious stones, metals, clad with precious metal and articles thereof; imitation jewellery; coins	649.5	1.8	595.4	1.2	527.6	0.9
CIS countries	16.1	0.3	3.0	0.0	31.0	0.3
other countries of the world	633.4	2.1	592.4	1.5	496.7	1.0
Base metals and articles thereof	6 163.5	16.8	8 777.0	18.1	8 357.6	13.7
CIS countries	1 295.6	20.5	2 351.0	28.3	2 557.2	26.7
other countries of the world	4 867.8	16.0	6 426.0	16.0	5 800.4	11.3
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	438.6	1.2	428.0	0.9	479.4	0.8
CIS countries	220.8	3.5	307.2	3.7	369.4	3.9
other countries of the world	217.8	0.7	120.9	0.3	110.0	0.2
Vehicles, aircrafts, floating crafts and related transport equipment	252.1	0.7	197.5	0.4	159.4	0.3
CIS countries	155.6	2.5	72.5	0.9	98.2	1.0
other countries of the world	96.4	0.3	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	28.4	0.1	32.3	0.1	24.1	0.0
CIS countries	8.0	0.1	7.2	0.1	8.0	0.1
other countries of the world	20.4	0.1	25.2	0.1	16.0	0.0
Various industrial goods	23.1	0.1	31.1	0.1	33.3	0.1
CIS countries	17.3	0.3	26.1	0.3	30.5	0.3
other countries of the world	5.8	0.0	5.0	0.0	2.8	0.0
Works of art, collectors' pieces, and antiques	0.0	0.0	0.2	0.0	0.9	0.0
CIS countries	0.0	0.0	0.0	0.0	0.0	0.0
other countries of the world	0.0	0.0	0.2	0.0	0.9	0.0
Others	18.1	0.0	18.9	0.0	10.0	0.0
CIS countries	2.8	0.0	0.9	0.0	0.6	0.0
other countries of the world	15.4	0.1	18.0	0.0	9.4	0.0

	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
Total	58 065.6	100.00	47 540.8	100.0
CIS countries	10 109.5	17.4	9 151.3	19.3
other countries of the world	47 956.1	82.6	38 389.5	80.8
of which:				
Live animals and products of animal origin	293.4	0.5	194.6	0.4
CIS countries	209.5	0.4	134.9	0.3
other countries of the world	83.8	0.1	59.7	0.1
Products of vegetable origin	2 391.0	4.1	2 474.5	5.2
CIS countries	1 234.9	2.1	1 436.7	3.0
other countries of the world	1 156.0	2.0	1 037.8	2.2
Fats and oils of animal or vegetable origin and their cleavage products; prepared edible fats; waxes of animal or vegetable origin	173.1	0.3	198.8	0.4
CIS countries	68.2	0.1	102.1	0.2
other countries of the world	104.9	0.2	96.7	0.2
Prepared foodstuffs; alcoholic and non-alcoholic beverages and vinegar; tobacco and its substitutes	425.0	0.7	484.8	1.0
CIS countries	317.2	0.5	370.8	0.8
other countries of the world	107.8	0.2	114.0	0.2
Mineral products	41 781.2	72.0	31 377.5	66.0
CIS countries	3 805.2	6.6	3 202.8	6.7
other countries of the world	37 976.0	65.4	28 174.6	59.3
Products of the chemical and related industries	2 542.5	4.4	2 754.0	5.8
CIS countries	984.4	1.7	969.2	2.0
other countries of the world	1 558.1	2.7	1 784.9	3.8
Plastics and articles thereof; rubber and articles thereof	144.7	0.2	116.3	0.2
CIS countries	138.1	0.2	109.9	0.2
other countries of the world	6.6	0.0	6.4	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)	9.5	0.0	4.0	0.0
CIS countries	2.6	0.0	1.2	0.0
other countries of the world	6.9	0.0	2.8	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	48.9	0.1	8.2	0.0
CIS countries	46.2	0.1	7.7	0.0
other countries of the world	2.8	0.0	0.5	0.0
Pulp of wood or of other fibrous cellulosic material; regenerated paper and paperboard (scrap paper and paper waste) and articles thereof	27.5	0.0	24.4	0.1
CIS countries	24.9	0.0	22.7	0.0
other countries of the world	2.6	0.0	1.7	0.0
Textiles and textile products	186.4	0.3	151.4	0.3
CIS countries	82.5	0.1	69.5	0.1
other countries of the world	103.9	0.2	81.8	0.2

	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
Footwear, headwear, umbrellas, sun umbrellas, walking sticks, seats, whips and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair	4.2	0.0	3.2	0.0
CIS countries	3.2	0.0	2.6	0.0
other countries of the world	0.9	0.0	0.7	0.0
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	53.4	0.1	47.8	0.1
CIS countries	38.3	0.1	36.6	0.1
other countries of the world	15.1	0.0	11.2	0.0
Natural or cultured pearls, precious or semiprecious stones, metals, clad with precious metal and articles thereof; imitation jewellery; coins	540.7	0.9	699.5	1.5
CIS countries	35.0	0.1	16.3	0.0
other countries of the world	505.7	0.9	683.3	1.4
Base metals and articles thereof	8 197.4	14.1	7 612.5	16.0
CIS countries	2 355.4	4.1	1 922.6	4.0
other countries of the world	5 842.0	10.1	5 690.0	12.0
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	548.5	0.9	508.4	1.1
CIS countries	438.5	0.8	332.5	0.7
other countries of the world	110.0	0.2	176.0	0.4
Vehicles, aircrafts, floating crafts and related transport equipment	604.7	1.0	788.7	1.7
CIS countries	259.5	0.4	360.7	0.8
other countries of the world			427.9	0.9
Optical, photographic, cinematographic, measuring, checking, precise, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof	37.3	0.1	30.6	0.1
CIS countries	15.6	0.0	13.8	0.0
other countries of the world	21.7	0.0	16.8	0.0
Various industrial goods	46.8	0.1	36.3	0.1
CIS countries	44.6	0.1	34.9	0.1
other countries of the world	2.2	0.0	1.4	0.0
Works of art, collectors' pieces, and antiques	0.1	0.0	12.0	0.0
CIS countries	0.0		0.0	0.0
other countries of the world	0.1	0.0	12.0	0.0
Others	9.3	0.0	13.3	0.0
CIS countries	5.5	0.0	3.9	0.0
other countries of the world	3.8	0.0	9.4	0.0

8.7 Imports of the Republic of Kazakhstan by commodity nomenclature

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
Total	25 376.7	100.0	29 599.6	100.0	33 658.5	100.0
CIS countries	11 363.6	100.0	14 132.0	100.0	16 033.9	47.6
other countries of the world	14 013.1	100.0	15 467.6	100.0	17 624.6	52.4
of which:						
Live animals and products of animal origin	466.2	1.8	578.1	2.0	600.6	1.8
CIS countries	279.5	2.5	356.2	2.5	347.4	2.2
other countries of the world	186.7	1.3	221.9	1.4	253.2	1.4
Products of vegetable origin	846.1	3.3	919.5	3.1	990.3	2.9
CIS countries	448.5	3.9	470.3	3.3	539.0	3.4
other countries of the world	397.6	2.8	449.2	2.9	451.3	2.6
Fats and oils of animal or vegetable origin and their cleavage products; prepared edible fats; waxes of animal or vegetable origin	185.3	0.7	189.0	0.6	196.9	0.6
CIS countries	159.1	1.4	152.9	1.1	147.2	0.9
other countries of the world	26.2	0.2	36.2	0.2	49.8	0.3
Prepared foodstuffs; alcoholic and non-alcoholic beverages and vinegar;tobacco and its substitutes	1 583.7	6.2	1 786.6	6.0	1 850.7	5.5
CIS countries	1 053.2	9.3	1 243.5	8.8	1 340.6	8.4
other countries of the world	530.5	3.8	543.1	3.5	510.0	2.9
Mineral products	2 303.5	9.1	2 748.4	9.3	3 548.2	10.5
CIS countries	2 149.1	18.9	2 575.4	18.2	3 365.1	21.0
other countries of the world	154.4	1.1	173.0	1.1	183.1	1.0
Products of the chemical and related industries	2 651.4	10.4	3 278.7	11.1	3 409.3	10.1
CIS countries	973.3	8.6	1 202.2	8.5	1 255.0	7.8
other countries of the world	1 678.1	12.0	2 076.6	13.4	2 154.3	12.2
Plastics and articles thereof; rubber and articles thereof	1 398.7	5.5	1 636.5	5.5	1 791.9	5.3
CIS countries	758.7	6.7	907.5	6.4	983.7	6.1
other countries of the world	639.9	4.6	729.0	4.7	808.2	4.6
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)	60.7	0.2	71.9	0.2	66.0	0.2
CIS countries	13.0	0.1	14.3	0.1	15.5	0.1
other countries of the world	47.8	0.3	57.7	0.4	50.5	0.3
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	262.2	1.0	344.3	1.2	362.5	1.1
CIS countries	211.5	1.9	271.2	1.9	306.1	1.9
other countries of the world	50.7	0.4	73.1	0.5	56.3	0.3

	2016		2017		2018	
	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	465.8	1.8	533.6	1.8	532.9	1.6
CIS countries	293.4	2.6	340.2	2.4	330.2	2.1
other countries of the world	172.4	1.2	193.5	1.3	202.7	1.1
Textiles and textile products	712.2	2.8	863.1	2.9	1 017.1	3.0
CIS countries	262.1	2.3	336.4	2.4	362.6	2.3
other countries of the world	450.1	3.2	526.7	3.4	654.5	3.7
Footwear, headwear, umbrellas, sun umbrellas, walking sticks, seats, whips and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair	246.6	1.0	298.5	1.0	327.4	1.0
CIS countries	74.5	0.7	69.9	0.5	104.1	0.6
other countries of the world	172.1	1.2	228.7	1.5	223.2	1.3
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	618.6	2.4	703.7	2.4	687.2	2.0
CIS countries	354.6	3.1	416.4	2.9	389.8	2.4
other countries of the world	264.0	1.9	287.2	1.9	297.4	1.7
Natural or cultured pearls, precious or semiprecious stones, metals, clad with precious metal and articles thereof; imitation jewellery; coins	62.5	0.2	80.4	0.3	59.5	0.2
CIS countries	43.2	0.4	62.6	0.4	40.2	0.3
other countries of the world	19.3	0.1	17.8	0.1	19.3	0.1
Base metals and articles thereof	3 169.4	12.5	3 430.5	11.6	4 130.2	12.3
CIS countries	1 255.1	11.0	1 835.9	13.0	2 177.0	13.6
other countries of the world	1 914.3	13.7	1 594.5	10.3	1 953.2	11.1
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	6 870.2	27.1	7 792.8	26.3	9 038.9	26.9
CIS countries	1 692.2	14.9	2 018.4	14.3	2 206.8	13.8
other countries of the world	5 177.9	37.0	5 774.4	37.3	6 832.1	38.8
Vehicles, aircrafts, floating crafts and related transport equipment	1 968.8	7.8	2 459.3	8.3	3 213.9	9.5
CIS countries	875.8	7.7	1 248.0	8.8	1 499.0	9.3
other countries of the world	1 093.0	7.8	1 211.3	7.8	1 714.9	9.7
Optical, photographic, cinematographic, measuring, checking, precise, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof	767.4	3.0	930.9	3.1	905.8	2.7
CIS countries	140.6	1.2	178.5	1.3	207.4	1.3

Continuation

	2016		2017		2018	
	million US dollars	as % of total	million US dollars	as % of total	million US dollars	as % of total
other countries of the world	626.8	4.5	752.5	4.9	698.4	4.0
Various industrial goods	701.7	2.8	898.4	3.0	900.2	2.7
CIS countries	310.9	2.7	393.6	2.8	396.9	2.5
other countries of the world	390.9	2.8	504.8	3.3	503.3	2.9
Works of art, collectors' pieces, and antiques	3.5	0.0	4.9	0.0	1.2	0.0
CIS countries	0.2	0.0	0.1	0.0	0.4	0.0
other countries of the world	3.3	0.0	4.9	0.0	0.8	0.0
Others	32.1	0.1	50.3	0.2	28.0	0.1
CIS countries	15.0	0.1	38.6	0.3	19.8	0.1
other countries of the world	17.1	0.1	11.7	0.1	8.2	0.0

Continuation

	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
Total	39 721.1	100.0	38 929.1	100
CIS countries	17 276.6	43.5	16 049	41.2
other countries of the world	22 444.5	56.5	22 880.1	58.8
of which:				
Live animals and products of animal origin	745.6	1.9	768.1	2.0
CIS countries	417.6	1.1	483.9	1.2
other countries of the world	328.1	0.8	284.2	0.7
Products of vegetable origin	1 004.6	2.5	989.7	2.5
CIS countries	531.0	1.3	544.9	1.4
other countries of the world	473.6	1.2	444.8	1.1
Fats and oils of animal or vegetable origin and their cleavage products; prepared edible fats; waxes of animal or vegetable origin	218.4	0.6	243.4	0.6
CIS countries	177.3	0.4	190.6	0.5
other countries of the world	41.1	0.1	52.8	0.1
Prepared foodstuffs; alcoholic and non-alcoholic beverages and vinegar; tobacco and its substitutes	1 999.0	5.0	2 090.4	5.4
CIS countries	1 519.1	3.8	1 623.0	4.2
other countries of the world	479.8	1.2	467.4	1.2
Mineral products	3 113.1	7.8	2 191.4	5.6
CIS countries	2 880.7	7.3	2 039.1	5.2
other countries of the world	232.4	0.6	152.4	0.4
Products of the chemical and related industries	3 487.8	8.8	3 862.0	9.9
CIS countries	1 337.6	3.4	1 379.3	3.5
other countries of the world	2 150.3	5.4	2 482.7	6.4
Plastics and articles thereof; rubber and articles thereof	1 977.2	5.0	1 849.1	4.7
CIS countries	1 052.9	2.7	1 002.8	2.6
other countries of the world	924.2	2.3	846.3	2.2
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)	84.0	0.2	75.6	0.2

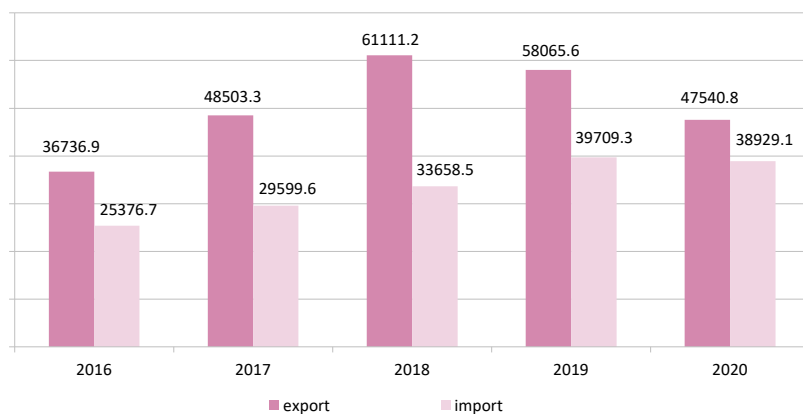
	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
CIS countries	15.5	0.0	10.1	0.0
other countries of the world	68.6	0.2	65.6	0.2
Wood and articles of wood; wood charcoal; cork and articles of cork; manufactures of straw, of esparto or of other plating materials; basket ware and wicker products	388.0	1.0	372.3	1.0
CIS countries	336.2	0.8	303.2	0.8
other countries of the world	51.8	0.1	69.2	0.2
Pulp of wood or of other fibrous cellulosic material; regenerated paper and paperboard (scrap paper and paper waste) and articles thereof	566.2	1.4	524.3	1.3
CIS countries	368.4	0.9	333.3	0.9
other countries of the world	197.8	0.5	191.0	0.5
Textiles and textile products	1 271.2	3.2	1 259.5	3.2
CIS countries	434.2	1.1	426.9	1.1
other countries of the world	837.0	2.1	832.6	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	461.2	1.2	377.7	1.0
CIS countries	114.5	0.3	94.9	0.2
other countries of the world	346.6	0.9	282.8	0.7
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware	726.2	1.8	728.3	1.9
CIS countries	431.9	1.1	430.4	1.1
other countries of the world	294.3	0.7	297.9	0.8
Natural or cultured pearls, precious or semiprecious stones, metals, clad with precious metal and articles thereof; imitation jewellery; coins	341.1	0.9	455.2	1.2
CIS countries	307.5	0.8	430.3	1.1
other countries of the world	33.7	0.1	24.9	0.1
Base metals and articles thereof	4 629.8	11.7	4 125.1	10.6
CIS countries	2 469.0	6.2	2 063.3	5.3
other countries of the world	2 160.8	5.4	2 061.8	5.3
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	12 532.2	31.6	13 433.0	34.5
CIS countries	2 452.9	6.2	2 400.1	6.2
other countries of the world	10 079.3	25.4	11 032.9	28.3
Vehicles, aircrafts, floating crafts and related transport equipment	3 700.1	9.3	3 515.9	9.0
CIS countries	1 754.6	4.4	1 640.9	4.2
other countries of the world	1 945.5	4.9	1 874.9	4.8
Optical, photographic, cinematographic, measuring, checking, precise, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof	927.1	2.3	1 100.5	2.8
CIS countries	202.2	0.5	192.3	0.5
other countries of the world	724.9	1.8	908.3	2.3

Continuation

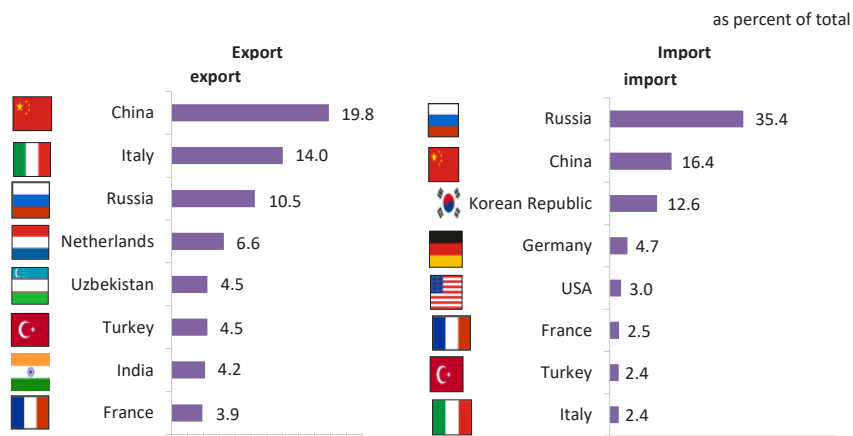
	2019		2020	
	million US dollars	as % of total	million US dollars	as % of total
Various industrial goods	1 023.6	2.6	893.0	2.3
CIS countries	440.9	1.1	398.8	1.0
other countries of the world	582.7	1.5	494.2	1.3
Works of art, collectors' pieces, and antiques	0.4	0.0	1.4	0.0
CIS countries	0.1	0.0	0.0	0.0
other countries of the world	0.3	0.0	1.3	0.0
Others	512.5	1.3	73.1	0.2
CIS countries	20.7	0.1	61.0	0.2
other countries of the world	491.9	1.2	12.1	0.1

Dynamics of external trade turnover of the Republic of Kazakhstan

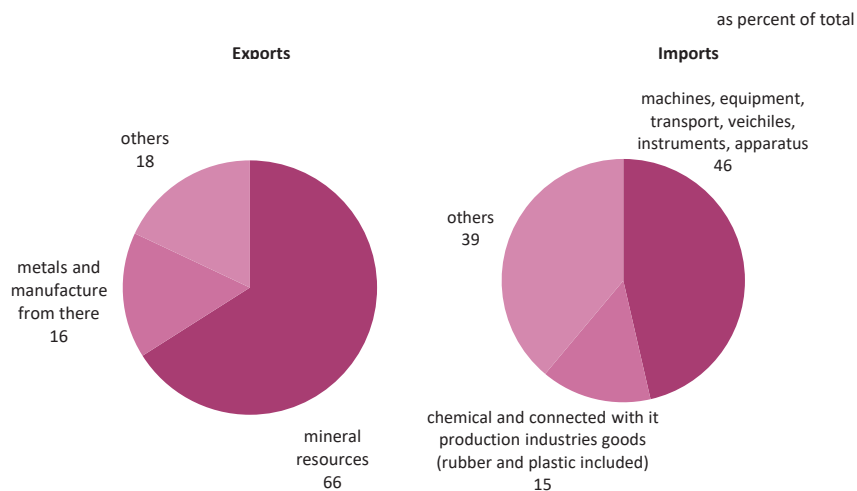
million US dollars



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



Structure of exports and imports of the Republic of Kazakhstan by main commodity groups in 2020



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

	2016	2017	2018	2019	2020
Income	9 308 485	11 567 691	10 808 573	12 758 479	14 521 191
among which:					
tax receipts	6 023 263	6 810 851	7 890 048	9 216 474	8 561 203
among which:					
corporate money income	1 437 365	1 538 785	1 687 577	1 974 763	2 043 659
personal income tax	691 778	750 212	838 394	876 324	929 588
social tax	1 495 682	1 664 699	2 034 314	2 693 127	2 532 524
property tax	205 231	255 994	311 856	343 409	432 653
value added tax	273 695	315 849	365 647	395 513	369 411
excise tax	530 440	576 607	618 505	696 635	727 139

Continuation

	2016	2017	2018	2019	2020
other taxes	1 377 196	1 708 705	2 033 755	2 236 703	1 526 229
non-tax receipts	369 424	273 872	225 988	354 463	1 063 286
income from sales of fixed capital	60 225	68 651	92 537	117 542	126 702
transfers received	2 855 574	4 414 317	2 600 000	3 070 000	4 770 000
Expenses	9 433 745	12 485 378	11 346 054	13 535 581	16 725 097
among which:					
state services of general purpose	622 484	652 254	611 026	744 128	873 672
defence	438 499	452 375	542 129	738 655	671 813
public order, security, legal, judicial, criminal and executive activity	584 170	709 712	795 090	833 306	1 019 345
education	1 669 398	1 843 243	1 948 477	2 332 035	3 141 186
health care	1 039 576	1 128 316	1 173 313	1 291 789	1 955 759
social aid and social security	1 977 315	2 302 330	2 751 354	3 466 724	3 777 032
housing and communal services	507 185	688 374	749 030	913 650	1 405 692
culture, sport, tourism and information field	326 653	398 540	449 291	456 201	500 300
fuel and energy complex and subsoil assets use	100 423	137 939	130 489	127 872	164 911
agriculture, water, forestry and fishery industries, especially protected natural areas, environment and fauna protection, land relations	414 528	474 307	501 835	583 410	668 269
Industry, architectural, town-planning and construction activity	46 324	29 791	35 860	69 566	99 351
transport and communications	761 990	850 434	834 187	893 622	1 078 693
others	410 181	2 334 295	225 843	402 557	601 483
debt service	523 214	458 874	587 663	679 644	767 591
transfers	11 804	24 594	10 467	2 422	
Net budget crediting	249 842	201 452	162 840	262 881	261 981
Budget credit	322 611	304 168	272 937	392 948	386 797
Budget credit repayment	72 769	102 717	110 097	130 067	124 816
Financial transactions balance	362 616	336 182	132 751	245 324	340 263
Purchase of financial assets	368 616	339 932	138 748	252 017	343 891
Returns from sales of government financial assets	6 000	3 750	5 997	6 693	3 628
Funding of budget (use profit) deficit	-737 718	-1 455 320	-833 072	-1 285 307	-2 806 150

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

million tenge

	2016	2017	2018	2019	2020
Republican budget					
Income	7 662 220	9 691 789	8 789 005	10 592 324	11 928 462
among which:					
tax receipts	4 275 887	4 848 028	5 694 904	6 835 513	5 575 863
non-tax receipts	298 243	159 882	151 349	279 410	983 257
income from capital transactions	7 786	4 345	2 361	9 506	1 771
transfers received	3 080 304	4 679 534	2 940 391	3 467 895	5 367 571

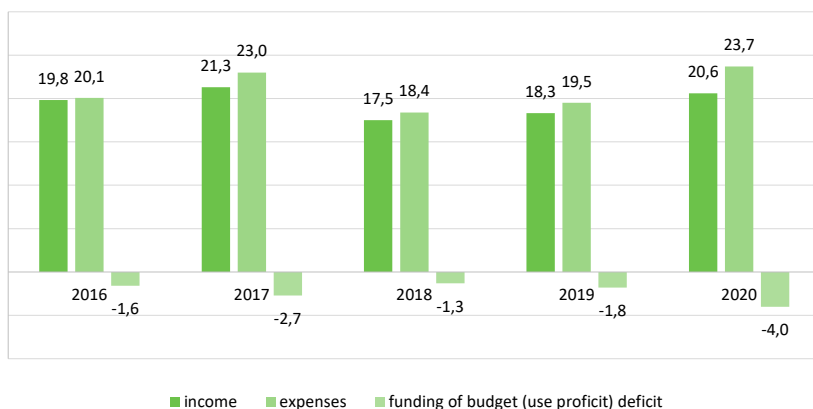
	2016	2017	2018	2019	2020
Expenses	7 899 800	10 677 506	9 334 733	11 469 071	13 699 876
among which:					
public services of general purpose	542 902	493 888	442 404	562 706	687 587
defence	423 702	428 746	516 581	709 872	640 918
public order, security, legal, judicial, criminal and executive activity	454 360	549 102	647 942	684 758	835 425
education	531 082	464 569	473 825	611 258	954 637
health care	791 915	1 018 628	1 071 175	1 197 099	1 664 303
social aid and social security	1 838 195	2 129 993	2 578 844	3 270 193	3 869 600
housing and communal services	219 699	198 342	221 217	328 221	349 534
culture, sport, tourism and information field	115 187	140 684	150 788	135 963	150 119
fuel and energy complex and subsoil assets use	62 772	89 066	78 225	84 891	79 547
agriculture, water, forestry and fish industries, especially protected natural areas environment and fauna protection land relations	193 732	244 937	268 909	371 216	368 905
Industry, architectural, town-planning and construction activity	9 488	8 884	8 674	18 761	52 621
transport and communications	579 811	675 902	552 959	628 273	558 719
others	776 440	2 278 937	155 490	603 558	621 397
debt service	523 211	458 102	585 909	677 834	762 132
transfers	837 304	1 497 726	1 581 791	1 584 468	2 104 432
Net budget crediting	221 428	174 971	131 654	250 348	217 717
Budget credit	315 031	282 484	250 269	381 647	338 216
Budget credit repayment	93 603	107 513	118 615	131 299	120 499
Financial transactions balance	282 177	196 287	51 806	169 171	196 122
Purchase of financial assets	285 914	196 287	51 806	169 171	196 122
Returns from sales of government financial assets	3 737	0	0	0	0
Funding of budget (use profit) deficit	-741 185	-1 356 975	-729 188	-1 296 266	-2 185 253
Local budget					
Income	4 315 582	4 681 296	4 728 532	6 039 951	7 721 256
among which:					
tax receipts	1 747 376	1 962 823	2 195 144	2 380 961	2 985 340
non-tax receipts	71 619	114 954	74 951	76 172	80 271
income from sales of fixed capital	52 438	64 305	90 175	108 036	124 930
Transfers received	2 444 149	2 539 214	2 368 262	3 474 782	4 530 715
Expenses	4 203 262	4 613 265	4 720 272	5 950 203	8 156 546
among which:					
public services of general purpose	156 141	167 061	194 004	219 385	276 541
defence	14 798	25 869	25 819	28 783	31 866
public order, security, legal, judicial, criminal and executive activity	131 278	170 861	158 770	167 461	193 589
education	1 312 404	1 480 083	1 592 338	1 961 214	2 716 259
health care	646 552	408 970	149 872	165 755	374 873
social aid and social security	158 478	196 532	212 083	478 992	401 382

Continuation

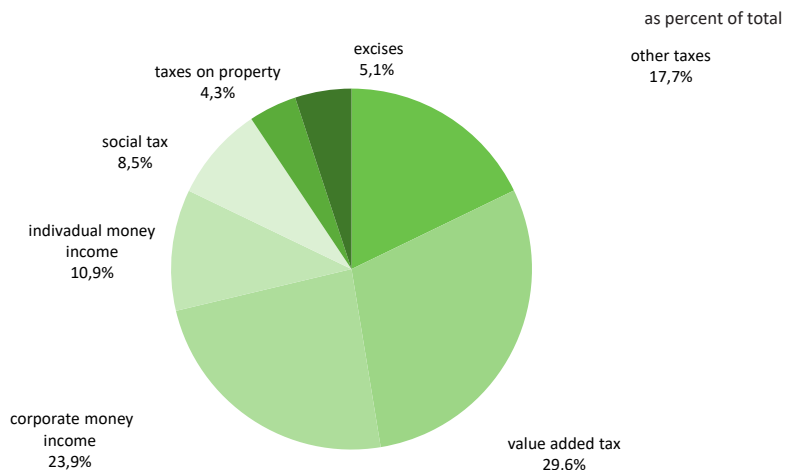
	2016	2017	2018	2019	2020
housing and communal services	503 045	680 264	743 258	908 934	1 398 995
Culture, sport, tourism and information field	242 396	265 212	298 992	320 988	363 223
fuel and energy complex and subsoil assets use	86 233	122 963	116 689	117 598	154 255
Agriculture, wate, forestry and fishery industries, especially protected natural area, environment and fauna protection, land relations	316 036	348 426	311 956	432 363	521 480
Industry, architectural, town-planning and construction activity	37 652	20 906	27 186	55 091	56 484
transport and communications	267 746	355 999	440 201	482 002	681 186
others	93 947	88 009	104 642	208 813	374 374
debt service	442	1 735	2 064	2 830	5 688
transfers	236 113	280 375	342 398	399 994	606 351
Net budget crediting	131 442	71 724	110 529	108 844	93 503
Budget credit	139 534	109 492	125 819	145 644	140 949
Budget credit repayment	8 092	37 768	15 290	36 800	47 446
Financial transactions balance	80 439	139 895	80 945	76 153	144 141
Purchase of financial assets	82 703	143 645	86 942	82 846	147769
Returns from sales of government financial assets	2 264	3 750	5 997	6 693	3 628
Funding of budget (use profit) deficit	-99 561	-143 588	-183 214	-95 249	-672 934

Incomes and expenditures of state budget

as percent of GDP



Structure of tax receipts of the State budget in 2020



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

	2016	2017	2018	2019	2020
Gross external reserves	29 710	30 997	30 927	28 958	35 638
of which:					
Assets in convertible foreign currency	20 094	18 499	16 536	10 082	12 056
Gold	9 617	12 498	14 391	18 875	23 582
Net external reserves	29 179	30 484	30 439	28 472	35 132

9.4 Monetary base and its structure

end of the year

	2016	2017	2018	2019	2020
Monetary base (reserve money), million tenge	5 162 573	5 537 057	6 650 873	6 893 176	9 777 551
of which:					
cash outside of the National Bank of the Republic of Kazakhstan (NBK)	2 050 087	2 257 218	2 618 852	2 688 265	3 250 372
deposits of secondary banks and other organizations of the NBK	3 112 486	3 279 840	4 032 021	4 204 912	6 527 179
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	39.7	40.8	39.4	39.0	33.2
deposits of secondary banks and other organizations in the NBK	60.3	59.2	60.6	61.0	66.8

9.5 Monetary aggregates

end of the year

	2016	2017	2018	2019	2020
M0 (cash circulation), million tenge	1 748 810	1 946 338	2 260 157	2 300 505	2 828 046
M1, million tenge	4 589 768	4 967 992	5 605 006	5 928 085	7 186 951
among which:					
transferable deposits of the population in tenge	548 379	632 797	775 726	978 601	1 319 207
transferable deposits of the off-bank legal entities in tenge	2 292 579	2 388 856	2 569 122	2 648 979	3 039 698
M2, million tenge	12 566 465	13 513 732	14 467 056	16 054 341	19 134 928
among which:					
other deposits in tenge and transferable deposits in foreign currency of the population	2 621 803	3 428 213	4 017 509	4 630 021	5 612 324
other deposits in tenge and transferable deposits in foreign currency of the off-bank legal entities	5 354 894	5 117 528	4 844 542	5 496 235	6 335 653
M3, million tenge	19 798 592	19 456 330	20 813 371	21 322 070	24 917 785
among which:					
other deposits of the population in foreign currency	4 659 311	4 059 908	3 863 520	3 562 238	3 860 519
other deposits of the off-bank legal entities in foreign currency	2 572 815	1 882 691	2 482 795	1 705 491	1 922 337
Share of M0 in M3, in percent	8.8	10.0	10.9	10.8	11.3
Ratio of M3 and GDP, in percent	42.2	35.8	33.7	30.7	35.3

Main indicators of the secondary banks activities

9.6 Credits of the secondary banks by terms

million tenge

	2016	2017	2018	2019	2020 ¹⁾
Total credits	12 708 324	12 705 352	13 091 764	13 864 890	14 623 065
of which:					
short-term	2 214 499	1 904 371	1 987 608	2 041 473	2 128 709
credits in tenge	1 485 454	1 473 966	1 662 079	1 766 368	1 907 686
credits in foreign currency	729 045	430 404	325 529	275 105	221 023
long-term ²⁾	10 493 825	10 800 981	11 104 156	11 823 417	12 494 356
credits in tenge	7 093 404	7 892 821	8 432 241	9 794 395	10 818 961
credits in foreign currency	3 400 421	2 908 160	2 671 914	2 029 022	1 675 395

¹⁾ With final turnovers.²⁾ From above 1 year.

9.7 Credits of the secondary banks by economic branches

million tenge

	2016	2017	2018	2019	2020 ¹⁾
Total credits	12 708 324	12 705 352	13 091 764	13 864 890	14 623 065
of which:					
Short-term	2 214 499	1 904 371	1 987 608	2 041 473	2 128 709
Industry	443 809	413 483	481 083	528 723	536 304
Agriculture	68 136	62 514	38 009	49 394	57 940
Construction	149 960	175 734	157 264	143 040	154 815
Transport	39 055	54 209	67 232	73 415	58 299
Communication	43 490	8 251	16 255	13 685	5 711
Trade	1 113 944	811 776	851 495	942 693	964 583
Others (non-productive sphere, individual activity)	356 105	378 404	376 270	290 523	351 057
Long-term ²⁾	10 493 825	10 800 981	11 104 156	11 823 417	12 494 356
Industry	1 367 793	1 568 094	1 543 400	1 361 171	1 447 862
Agriculture	606 519	632 699	451 680	205 683	176 395
Construction	805 618	739 354	595 976	531 535	500 016
Transport	521 947	518 509	526 043	427 065	431 162
Communication	104 067	90 480	55 604	114 313	162 303
Trade	1 560 474	1 207 830	949 715	800 753	746 764
Others (non-productive sphere, individual activity)	5 527 407	6 044 015	6 981 738	8 382 897	9 029 854

¹⁾ With final turnovers.²⁾ From above 1 year.

9.8 Credits of the secondary banks to the small business entities

million tenge

	2016	2017	2018	2019	2020 ¹⁾
Total credits	3 002 974	2 788 589	2 363 861	2 108 945	2 515 308
of which:					
in tenge:	1 935 996	1 885 450	1 731 781	1 700 184	2 049 615
short-term	470 224	294 941	287 652	281 067	382 742
long-term ²⁾	1 465 772	1 590 509	1 444 129	1 419 116	1 666 873
in foreign currency:	1 066 977	903 139	632 079	408 761	465 693
short-term	261 976	116 451	100 708	53 551	66 348
long-term ²⁾	805 001	786 688	531 371	355 210	399 345

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				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Total*	356 904	370 174	384 846	462 755	511 221	100.0	100.0	100.0	100.0	100.0
Compulsory insurance	90 633	96 783	102 165	108 240	110 953	25.4	26.2	26.6	23.4	21.7
Voluntary personal insurance	86 456	101 231	131 303	181 480	190 601	24.2	27.3	34.1	39.2	37.3
Voluntary property insurance	179 814	172 159	151 378	173 035	209 667	50.4	46.5	39.3	37.4	41.0

Continuation

	Insurance premiums									
	amount. million tenge					as % of total				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Total*	82 949	73 094	70 759	217 912	147 059	100.0	100.0	100.0	100.0	100.0
Compulsory insurance	27 673	28 933	26 869	35 114	34 662	33.4	39.6	38.0	16.1	23.6
Voluntary personal insurance	30 216	32 110	30 036	40 671	43 500	36.4	43.9	42.4	18.7	29.6
Voluntary property insurance	25 060	12 051	13 854	142 127	68 897	30.2	16.5	19.6	65.2	46.8

* From beginning of year.

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

billion tenge

	Total				
	01.01.2017	01.01.2018	01.01.2019	01.01.2020	01.01.2021
Pension accruals	6 685.3	7 780.7	9 377.6	10 800.5	12 913.5
of which:					
investment income	2 224.3	2 774.9	3 692.0	4 333.7	5 553.6
Share of the investment income, in percent	33.3	35.7	39.4	40.1	43.0

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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