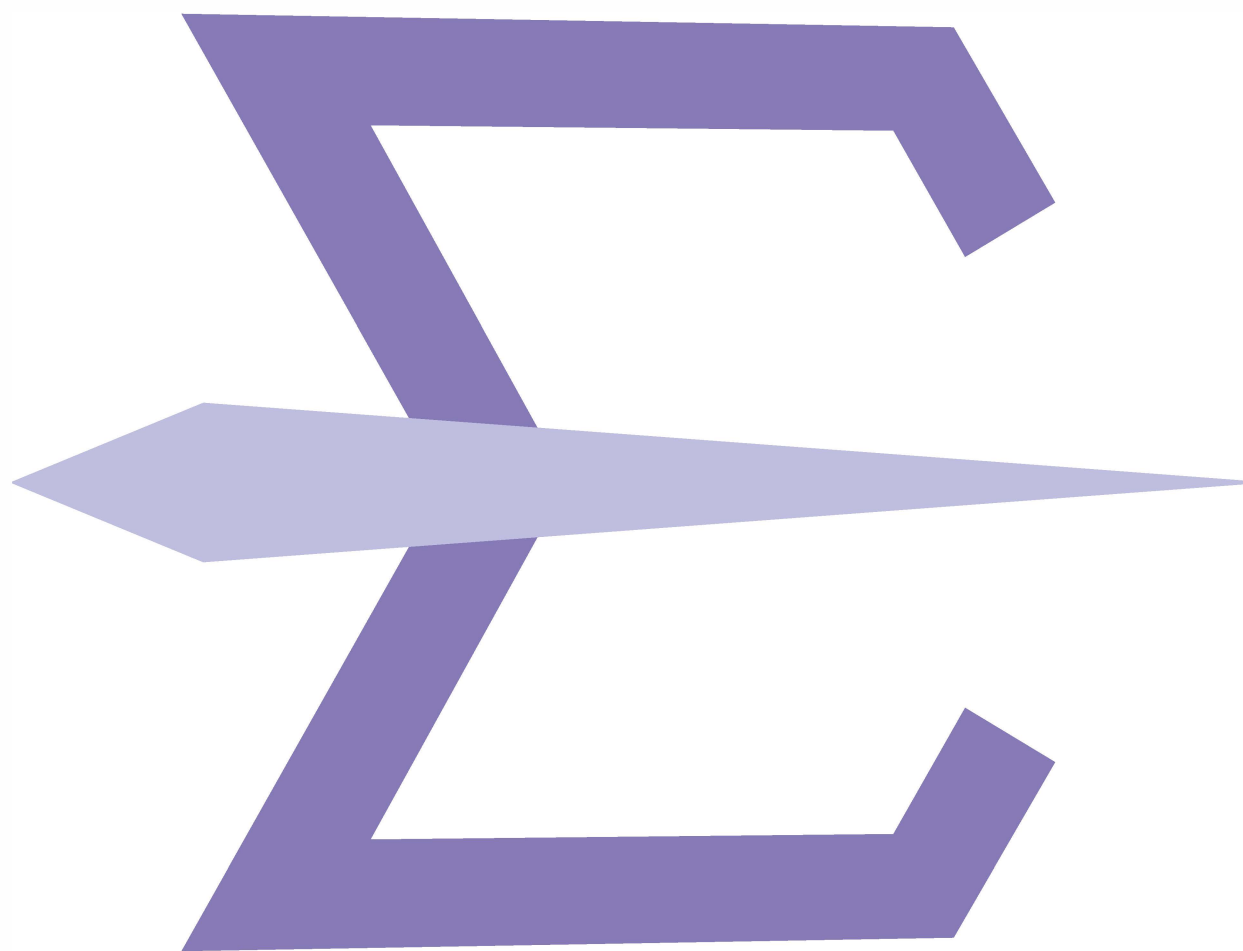




STATISTICAL YEARBOOK OF UKRAINE

2022

2022

STATISTICAL YEARBOOK OF UKRAINE



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STATE STATISTICS SERVICE OF UKRAINE

Edited by **Ihor Verner**

Responsible for edition is Olena Vyshnevskia

The Statistical Yearbook provides data on social and economic situation of Ukraine in 2022 as compared to the previous years. The Yearbook highlights the indicators of the national accounts system, material production, financial and social spheres, population, and statistical indicators of selected countries. Designed for a wide range of users.



State Statistics Service of Ukraine

- address: 3, Shota Rustaveli str., Kyiv–601, 01601, Ukraine
- tel.: 284–31–28
- fax: 235–37–39
- e-mail: office@ukrstat.gov.ua
- website: www.ukrstat.gov.ua

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- address: office 419/2, 4–6, Esplanadna str., Kyiv–601, 01601, Ukraine
- telephone/fax: 287–03–79, 287–67–74
- e-mail: info@iaastat.kiev.ua
- website: www.iaastat.kiev.ua

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FOREWORD

Statistical Yearbook of Ukraine for 2022 contains a wide range of statistical indicators on the country's social and economic situation in 2021 as compared to 2000, 2005, 2010, 2015-2021.

The publication is compiled by the following sections: population and migration, labour market, income and living conditions, communities and housing, education, health care and social protection, culture and sport, justice and crime, environment and natural resources, national accounts, government finance and credit, prices, Register of statistical units, capital assets, industry, agriculture, hunting, forestry, fishery, construction, capital investment, transport, foreign economic activity, domestic trade, information society, activity of enterprises.

In addition, the publication has a separate section, which compares the basic indicators of Ukraine's social and economic development with indicators of selected countries.

Statistical indicators are broken down by type of economic activity, type of product, organisational form as well as region. Some indicators are retrospective. Almost all sections have methodological explanations.

In the publication, the information based on the results of the state statistical observations (absolute and relative indicators) for 2014–2021 is presented and compiled excluding the temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and a part of the temporarily occupied territories in the Donetsk and Luhansk regions. Data for 2022 exclude the territories temporarily occupied by the Russian Federation and part of territories where combat actions are/were carried out. At the same time, the comparability of relative indicators is ensured. Information for 2022 which is prepared according to data from central executive bodies has been compiled on the basis of available administrative data.

Information for 2021-2022 has been compiled on the basis of data of enterprises, institutions and organizations which submitted reporting to the state statistics authorities, available administrative data and additional estimates made for selected indicators and it may be revised. Information by Selected general economic and sector indicators for 2021, 2022 will be released after the end of timing for submission of statistical and financial reporting set by Ukraine's law On protection of interests of entities that submit reporting and other documents during the period of martial law or state of war.

Some indicators for the previous years have been revised as to those previously published.

The methodology for indicators compilation meets international and European standards, this ensures the possibility to compare them with other countries.

Please note that the SSSU official website (www.ukrstat.gov.ua) has more information about the country's social and economic situation.

ABBREVIATIONS USED IN THE YEARBOOK

bln. – billion	kV·A – kilovolt-ampere	% – percent
centner (100 kg)	kW – kilowatt	pcs – pieces
cub.m – cubic metre	kW·h – kilowatt-hour	sq.km – square kilometre
dal – dekalitre	L – litre	sq.m – square metre
etc – et cetera	Mcal – mega-calorie	t – tonne
Gcal – giga-calorie	Mpa – mega-pascal	t N – tonne nitrogen
g – gramme	m – metre	thsd. – thousand
h – hour	mg – milligram	tkm – tonne-kilometre
ha – hectare	mm – millimetre	trln. – trillion
kg – kilogramme	mln. – million	UAH – Ukrainian hryvnya
kcal – kilo-calorie	µg – microgramme	USD – dollar of USA
km – kilometre	n.i.e. – not included elsewhere	
KRB – karbovanets	n.e.c. – non elsewhere classified	

CONVENTIONAL SYMBOLS USED IN THE YEARBOOK

Dash (—)	– not observed
Dots (...)	– not available
Symbol (c)	– data are not published in order to ensure compliance with the requirements of the Law of Ukraine <i>On the State Statistics</i> regarding confidentiality of statistical information
Symbol (x)	– not applicable
Zero (0; 0,0)	– data are very negligible for the units of measurement
"of which", "including"	– not all components of the total sum are given. There are cases when all components of the total sum are given, however when rounding the sum of the components may not equal the total

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1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.1. Geographical and political characteristics

Ukraine is an Eastern European state washed with the Black and Azov seas to the South.

Present population as of January 1, 2022	41,2 mln. (excluding the temporary occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol)
Area	603,5 thsd.sq.km (State Service on Geodesy, Cartography and Cadaster of Ukraine)
Length	
from West to East	1316 km
from North to South	893 km
of borders	6993,63 km
Extreme border locations	
Northern	Hremiach Village (Chernihiv oblast)
Southern	Sarych Cape (Autonomous Republic of Crimea)
Western	neighbourhood Chop city (Zakarpattya oblast)
Eastern	Village Rannya Zorya (<i>formerly</i> Chervona Zirka (Luhansk oblast)) ¹

Neighbouring countries

Poland; Slovakia; Hungary; Romania; Moldova, Republic of; russian federation; belarus.

Climate

The Eastern European Plain (95% of the area), together with Ukrainian Carpathians and Crimean Mountains (5% of the area) have mainly a temperate continental climate. The Southern Crimean climate has subtropical features.

Annual rainfall in 2022

(source: the Ukrainian Hydrometeorological center; mm)

Steppe	501	Forest	695
Forest-steppe	603	Kyiv city	577

Air temperature

(source: the Ukrainian Hydrometeorological center; °C)

Average monthly air temperature in 2022

	<i>January</i>	<i>July</i>
Steppe	-1,4	23
Forest-steppe	-1,6	20,4
Forest	-1,0	19,6
Kyiv city	-1,2	20,8

The absolute minimum of air temperature in 2022 – minus 23° – was observed in January in the Chernihiv region.

The absolute maximum of air temperature in 2022 – plus 38° – was observed in July – August in the Mykolayiv, Kherson, Zakarpattya regions.

Biggest rivers

(length within the borders of Ukraine; km)

Dnipro	1121	Inhulets	549
Dnister	925	Psel	520
Pivdennyi Buh	806	Sluch	451
Siverskyi Donets	700	Styr	424
Horyn'	577	Zakhidnyi Buh	401
Desna	575	Oril'	346

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Biggest lakes and estuaries			
		<i>(sq.km of water surface)</i>	
<i>Lakes</i>		<i>Estuaries</i>	
Yalpuh	149	Dniproviskyi	800
Kagul	90	Utyutskyi	700
Kugurluy	82	Dnistrovskyi	360
Sasyk	75,3	Sasyk (Kunduk)	210
Katlabuh	68	Molochnyi	168
		Buzkyi	162
		Tylihulskyi	80

Highest mountain peaks			
		<i>(m)</i>	
<i>Ukrainian Carpathians</i>		<i>Crimean Mountains</i>	
Hoverla	2061	Roman-Kosh	1545
Brebeneskul	2032	Demir-Kapu	1540
Petros	2020	Zeytin-Kosh	1534
Hutyn Tomnatyk	2016	Kemal-Egerek	1530
Rebra	2001	Eklizi-Burun	1527
Pip Ivan	1936	Angara-Burun	1453

¹ The Law of Ukraine On the condemnation of Communist and National Socialist (Nazi) totalitarian regimes in Ukraine and the prohibition of their symbols settlements whose names contain the symbols of the communist totalitarian regime, have been renamed

This geographic note was compiled on the basis of the *National Atlas of Ukraine* (Kyiv: *SSPE Kartographia*, 2007).

Political system

On 28 June, 1996 the Constitution was adopted, which gave Ukraine the status of a republic. The country includes the Autonomous Republic of Crimea and 24 administrative regions (oblasts), Kyiv and Sevastopol cities. These cities have special status prescribed by Ukraine's laws.

The head of the State is the President who executes his authority on its behalf. The President is elected by Ukrainian citizens by equal vote and direct countrywide elections for the period of five years and not more than two consecutive terms.

The integral legislative body is the Parliament – the Verkhovna Rada of Ukraine.

The top executive authority is the Cabinet of Ministers of Ukraine.

Sovereignty and the only source of the government power belong to the people of Ukraine.

The main public holiday is Independence Day – 24 August.

1.2. Religious organisations¹

<i>(beginning of year)</i>									
	2001	2006	2011	2016	2019	2020	2021	2022	2023
Total, units	24311	30507	33977	35709	36739	36796	37049	28231	...
Centers, departments (eparchies, dioceses, etc)	241	299	362	378	391	390	394	293	...
Communities	23400	29262	32521	34183	35162	35210	35453	26656	...
Monasteries	277	386	459	516	531	536	536	452	...
Missions	214	309	357	359	368	369	372	289	...
Brotherhoods	53	76	78	75	83	84	85	78	...
Theological schools	126	175	200	198	204	207	209	463	...
Number of clergy, persons	22626	28431	30199	31851	32619	32996	33013	25892	...

¹ Beginning 2001–2020, data of the Ministry of Culture and Information Policy of Ukraine, 2021–2023, data of the State Service of Ukraine for Ethnopolitics and Freedom of Conscience

Of the total religious organisations as of January 1, 2022, 15416 were Orthodox, 5024 Catholic, 7170 Protestant, 258 communities of Judaic denomination, 100 Moslem, 68 of Eastern cults and 195 other.

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.3. Administrative and territorial units, by region

*(source: Verkhovna Rada of Ukraine official web portal;
as of January 1, 2022)*

	Rayons	Territorial communities	Cities	City districts	Townships	Villages
Ukraine	140	1469	461	108	881	28369
Autonomous Republic of Crimea ¹	14	—	16	3	56	947
oblasts						
Vinnnytsya	6	63	18	—	29	1456
Volyn	4	54	11	—	22	1054
Dnipropetrovsk	7	86	20	18	45	1435
Donetsk	8	66	52	21	131	1115
Zhytomyr	4	66	12	2	43	1613
Zakarpattia	6	64	11	—	19	578
Zaporizhzhya	5	67	14	7	22	914
Ivano-Frankivsk	6	62	15	—	24	766
Kyiv	7	69	26	—	30	1126
Kirovohrad	4	49	12	2	27	990
Luhansk	8	37	37	4	109	780
Lviv	7	73	44	6	34	1850
Mykolayiv	4	52	9	4	17	885
Odesa	7	91	19	4	33	1122
Poltava	4	60	16	5	20	1803
Rivne	4	64	11	—	16	999
Sumy	5	51	15	2	20	1454
Ternopil	3	55	18	—	17	1023
Kharkiv	7	56	17	9	60	1674
Kherson	5	49	9	3	31	656
Khmelnyskiy	3	60	13	—	24	1414
Cherkasy	4	66	16	2	14	824
Chernivtsi	3	52	11	—	8	398
Chernihiv	5	57	16	2	29	1464
cities						
Kyiv	—	—	1	10	—	—
Sevastopol ¹	—	—	2	4	1	29

¹ Changes in the administrative-territorial structure of the Autonomous Republic of Crimea and the Sevastopol City Council will be made since the entry into force of subparagraph 1 of paragraph 1 and subparagraph 1 of paragraph 3 of the Resolution of the Verkhovna Rada of Ukraine № 807-IX "On formation and liquidation of districts" of July 17, 2020 as well as Resolution of the Verkhovna Rada of Ukraine № 1352-VIII "On renaming of certain settlements and districts of the Autonomous Republic of Crimea and the city of Sevastopol" of May 12, 2016

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.4. Basic social and economic indicators

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Gross domestic product (at current prices) ¹ , bln. UAH	176,1	457,3	1120,6	1988,5	2981,2	3560,3	3977,2	4222,0	5450,8	5191,0
per capita ¹ , UAH	3582	9709	24429	46413	70170	84228	94633	101138	131734	...
Population income, bln. UAH	128,7	381,4	1101,2	1772,0 ¹	2652,1 ¹	3248,7 ¹	3744,1 ¹	4045,2 ¹	4863,5 ¹	...
Consumer price index (Dec. over Dec. of the previous year), percent	125,8	110,3	109,1	143,3	113,7	109,8	104,1	105,0	110,0	126,6
Industrial producer price index (Dec. over Dec. of the previous year), percent	120,8	109,5	118,7	125,4	116,5	114,2	92,6	114,5	162,2	...
Price indices for agricultural products sold by enterprises (of the previous year), percent	155,8	108,1	130,0	154,5	111,5	109,3	92,4	119,2	136,0	101,2
Consolidated budget, bln. UAH										
Revenue	49,1	134,2	314,5	652,0	1017,0	1184,3	1289,8	1376,7	1662,3	2196,6
Expenditure	48,2	141,7	377,8	679,9	1057,0	1250,2	1372,4	1595,4	1845,4	3043,9
Lending	-0,1	0,3	1,3	3,1	2,1	1,9	4,8	5,7	4,8	-2,2
Excess of expenditure over revenue (deficit)	-1,0	7,8	64,7	30,9	42,1	67,8	87,3	224,5	187,8	845,0
Profit before taxation, bln. UAH	36,1	89,2	212,0	475,3	674,4	746,5	933,2	848,6	1352,1	1010,1
Loss before taxation, bln. UAH	22,2	24,8	153,7	815,4	399,6	317,4	268,3	545,4	232,8	964,0
Industrial products sold, bln. UAH	...	...	1065,8	1776,6	2625,9	3045,2	3019,4	3236,4	4678,9	3854,0
Capital investment, bln. UAH	...	111,2 ²	189,1	273,1	448,5	578,7	624,0	508,2	673,9	409,7
Total area of residential buildings put into service, mln.sq.m	5,6	7,8	9,3 ³	11,0 ³	9,2 ³	8,7 ³	11,0 ³	8,5 ³	11,4 ³	7,1 ³

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.4 continued

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Freight shipped by all type of carriers ⁴ , bln.t	1,5	1,8	1,8	1,5	1,6	1,6	1,6	1,6	...	...
Passenger departure (transportation) by transport of general use ⁵ , bln.	7,8	8,2	6,8	5,2	4,6	4,5	4,3	2,6	2,7	1,6
Exports of goods and services ⁶ , bln. USD	18,0	40,2	62,8	46,8	52,6	57,3	64,1	59,4	79,3	...
Imports of goods and services ⁶ , bln. USD	15,1	39,1	66,2	43,0	55,1	63,5	67,8	60,2	80,8	...
Resident population (end of year), mln.	48,7	46,7	45,6	42,6	42,2	42,0	41,7	41,4	41,0	...
Natural increase, decrease (–) in population, thsd.	–373,0	–355,9	–200,5	–183,0	–210,1	–251,8	–272,3	–323,4	–442,3	...
Total employed, aged 15–70, thsd.	20175,0	20680,0	20266,0	16443,2	16156,4	16360,9	16578,3	15915,3	15610,0	...
Unemployed, aged 15–70 (ILO methodology), thsd.	2655,8	1600,8	1785,6	1654,7	1698,0	1578,6	1487,7	1674,2	1711,6	...
Unemployment rate, aged 15–70 (ILO methodology), percent	11,6	7,2	8,1	9,1	9,5	8,8	8,2	9,5	9,9	...
Average monthly nominal wages ⁷ , UAH	230	806	2239	4195	7104	8865	10497	11591	14014	14847

¹ The compilations are made in line with the *Methodological explanations on the updated version of the SNA 2008* (SSSU Decree 398 of December 17, 2013)

² Including VAT

³ See the footnote to Table 17.4

⁴ Since 2005, including commercial cargo transportation by natural persons-entrepreneurs

⁵ Including automobile passenger transportation by small businesses (natural and legal persons)

⁶ Volumes of exports/imports of goods and services have been revised according to the Technique for retrospective re-calculation of value of services for processing in external economic activity (SSSU decree N 419 of December 31, 2014)

⁷ For 2000 and 2005, data on legal persons and separate units of legal persons are presented taking into account the qualification requirement for the number of the employees, since 2010 data on legal persons and separate units of legal persons with the number of employees equaling 10 and more are given

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.5. Indices of basic social and economic indicators

(percent of the previous year)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Gross domestic product (at the prices of the previous year)	105,9	103,1 ¹	104,1 ¹	90,2 ¹	102,4 ¹	103,5 ¹	103,2 ¹	96,2 ¹	103,4 ¹	70,9 ¹
per capita	106,7	103,8 ¹	104,5 ¹	90,6 ¹	102,8 ¹	104,0 ¹	103,8 ¹	96,9 ¹	104,4 ¹	...
Population income	104,1	123,9	117,1	79,6 ¹	110,9 ¹	110,9 ¹	109,0 ¹	104,5 ¹	109,2 ¹	...
Profit before taxation	...	121,0	147,5	142,1	128,8	110,7	125,0	90,9	159,3	74,7
Loss before taxation	...	85,2	81,4	95,0	73,2	79,4	84,5	203,3	42,7	414,0
Industrial production ²	113,2	103,1	112,0	87,7	101,1	103,0	99,5	95,5	101,9	63,3
Agricultural production	109,8	100,1	98,5	95,2	97,8	108,2	101,4	89,9	116,4	75,0
Capital investment ³	...	...	...	98,3	122,1	116,4	115,5	61,8	113,0	...
Total area of residential buildings put into service	90,4	103,3	145,9	113,4	110,5	94,3	126,9	76,6	135,3	62,2
Freight shipped by all type of carriers	99,5	104,3	108,7	90,8	102,6	103,9	96,1	103,9	...	...
Passenger departure (transportation) by transport of general use	98,3	102,5	94,1	87,5	100,3	96,5	95,0	60,3	103,3	60,3
Turnover of retail trade ⁴	106,6	122,4	109,8	80,2	106,5	106,2	110,3	107,6	110,7	78,6
Exports of goods and services	×	106,2	128,0	73,0	116,6	108,9	111,8	92,7	133,6	...
Imports of goods and services	×	125,8	130,8	70,7	123,6	115,3	106,7	88,8	134,2	...
Resident population (end of year)	99,1	99,3	99,6	99,6	99,5	99,4	99,4	99,3	99,0	...
Total employed, aged 15–70	101,1	101,9	100,4	... ⁵	99,3	101,3	101,3	96,0	98,1	...
Unemployed, aged 15– 70 (ILO methodology)	101,6	84,0	91,2	... ⁵	101,2	93,0	94,2	112,5	102,2	...
Average monthly wages										
Nominal	129,6	136,7	120,0	120,5	137,1	124,8	118,4	110,4	120,9	105,9
Real	99,1	120,3	110,2	79,8	119,1	112,5	109,8	107,4	110,5	...

¹ See the first footnote to Table 1.4

² See methodology notes to Chapter 15

³ See methodology notes to Chapter 18

⁴ Before 2016 inclusive, data include legal persons and natural persons-entrepreneurs who were engaged in retail trade; since 2017, legal persons and natural persons-entrepreneurs whose main type of economic activity is retail trade. See methodological explanations to Chapter 21

⁵ Data comparisons are impossible due to changes in survey organisation

2. POPULATION AND MIGRATION

Present population consists of those who are at the time of the census reside at a given location, including persons living temporarily at the location (provided their absence at place of residence is no more than 12 months).

Resident population consists of those who permanently live at a given location at the time of the census, including those who are temporarily absent, if their absence at place of residence does not exceed 12 months.

Urban and rural population. The urban population is the population living in cities and towns. who resides in urban type settlements. The rural population is the population living in villages and settlements.

Data on the number of the population as of January 1, 2015/2022 are given excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol. The calculations (estimates) of the number of the population are based on available administrative data on the state registration of birth and death and change in registration of place of residence.

Information on the number of live births, deaths, natural increase (decrease) of population, arrivals, departures, migration increase (decrease) of the population, marriages and divorces for 2014/2021 is presented excluding the Autonomous Republic of Crimea and the city of Sevastopol and a part of the temporary occupied territories in the Donetsk and Luhansk regions.

Due to the lack of information on the temporarily occupied territory, the relative indicators of births, deaths, natural increase (decrease) of the population, marriage, divorce, reproduction of the population of average life expectancy in Ukraine for 2015–2021 is calculated without taking into account the relevant data on excluding the relevant data the

temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and data in the Donetsk and Luhansk regions.

The number of pensioners is the number of people at the beginning of the year, who are assigned a monthly cash payment for their existence on the conditions provided by law.

Age is the period from the birth of a person till one or another moment of life. It is defined by the number of full years that a person lived at that moment.

Population age group is a set of persons of a certain age.

Information about births, deaths and marriage rates is compiled basing on births, deaths and marriages vital records, which are completed by the civil registries.

Information about divorces before 2011 has been compiled basing on vital records about the end of marriage which are filled in by civil registries. Since 2011, information about divorces is compiled on the basis of available administrative data on the state registration of marriage annulments and data from the State Judicial Administration of Ukraine.

Natural increase (decrease) in the population is the difference between the number of live births and deaths.

Crude birth, death, marriage, divorce, natural increase (decrease) rates are the ratio of the relevant number of live births, deaths, registered marriages, disrupted marriages, natural increase (decrease) in the population during the calendar year to average annual number of available population.

Birth rates by age group (age specific birth rates) are the ratio of the number of live births during the year born to women of this

age group to average annual number of women at this age. While defining the indicators of age group that is younger than 20 years, the number of women aged 15–19 is conditionally taken. The compilation of indicators for age group 15–49 year old is made taking into account the children born to women over the age of 49 years and under the age of 15 years.

Aggregate birth rate shows the average number of children that could have been born to one woman during the total reproduction period (15–49 year old) while preserving at every age the birth rate of that year for which the age coefficients have been calculated. Aggregated birth rate is calculated as a sum of age specific birth rates for the age groups in interval 15–49 years.

Death rates by cause is the ratio of the number of deaths from the indicated death causes to average annual number of available population.

Population death rates by age group (age specific death rates) is the ratio of the number of dead persons of specific age group to average annual number of resident population in this age group.

Death rate for infants under 1 year old is the ratio of the number of the dead under 1 year old to the number of live births.

Average life expectancy at birth is the average number of years that live births would live provided that the death rates were the same as they had been for a year of calculation.

Average life expectancy of the population after reaching an exact age is the average number of years that could be lived by those who have lived to a certain age provided that the age specific death rates remain the same as they had been for a year of calculation.

POPULATION AND MIGRATION

2.1. Population¹

	2001	2002 ¹	2006	2011	2016	2018	2019	2020	2021	2022	2023
Present population, mln.	48,9	48,5	46,9	45,8	42,8	42,4	42,2	41,9	41,6	41,2	...
urban	32,9	32,6	31,9	31,5	29,6	29,4	29,3	29,1	29,0	28,7	...
rural	16,0	15,9	15,0	14,3	13,2	13,0	12,9	12,8	12,6	12,5	...
percentage of total population											
urban	67,4	67,2	67,9	68,7	69,2	69,3	69,4	69,5	69,6	69,7	...
rural	32,6	32,8	32,1	31,3	30,8	30,7	30,6	30,5	30,4	30,3	...
Resident population, mln.	48,7	48,2	46,7	45,6	42,6	42,2	42,0	41,7	41,4	41,0	...
males	22,5	22,3	21,6	21,0	19,7	19,5	19,5	19,3	19,2	19,0	...
females	26,2	25,9	25,1	24,6	22,9	22,7	22,5	22,4	22,2	22,0	...
percentage of total population											
males	46,3	46,3	46,1	46,1	46,3	46,3	46,3	46,4	46,3	46,4	...
females	53,7	53,7	53,9	53,9	53,7	53,7	53,7	53,6	53,7	53,6	...

¹ Data of the All-Ukrainian Population Census as of December 5, 2001; for other years, as of January 1

2.2. Present population in 1939–2022¹

	Population, mln.			Share of the total population, percent	
	total	urban	rural	urban	rural
1939	40,5	13,6	26,9	33,6	66,4
1959	41,9	19,2	22,7	45,8	54,2
1970	47,1	25,7	21,4	54,5	45,5
1979	49,8	30,5	19,3	61,3	38,7
1989	51,7	34,6	17,1	66,9	33,1
1991	51,9	35,1	16,8	67,5	32,5
1996	51,3	34,8	16,5	67,8	32,2
2001	48,9	32,9	16,0	67,4	32,6
2002	48,5	32,6	15,9	67,2	32,8
2006	46,9	31,9	15,0	67,9	32,1
2011	45,8	31,5	14,3	68,7	31,3
2016	42,8	29,6	13,2	69,2	30,8
2017	42,6	29,5	13,1	69,2	30,8
2018	42,4	29,4	13,0	69,3	30,7
2019	42,2	29,3	12,9	69,4	30,6
2020	41,9	29,1	12,8	69,5	30,5
2021	41,6	29,0	12,6	69,6	30,4
2022	41,2	28,7	12,5	69,7	30,3
2023	...	...	...	...	...

¹ The population statistics for 1939 is given within the current boundaries of Ukraine's territory, for 1959 and 1970 the population data are derived from the Census as of January 15, for 1979 as of January 17, for 1989 as of January 12, for 2002 as of December 5, 2001 and for other years, as of January 1

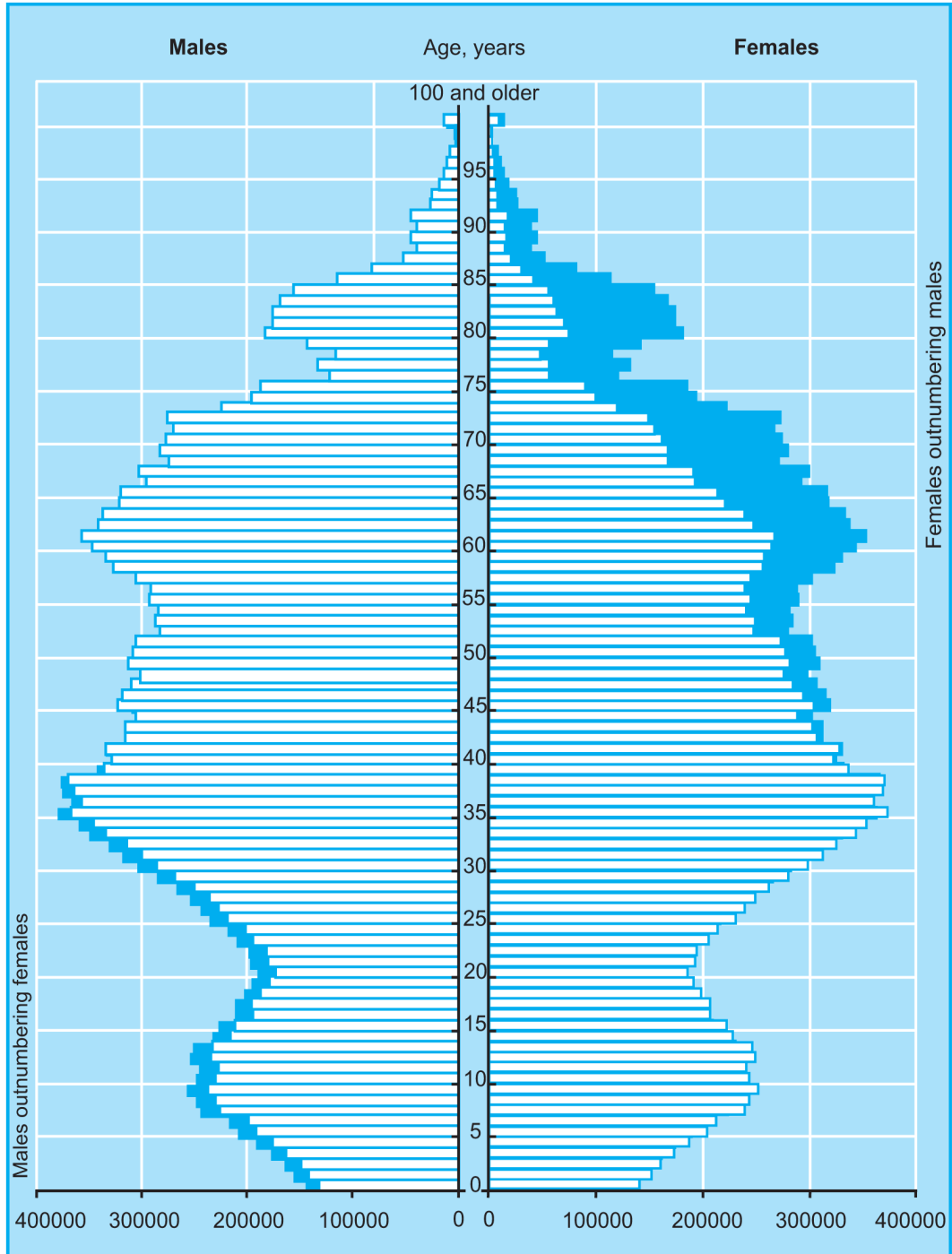
POPULATION AND MIGRATION

2.3. Resident population, by sex and region

(persons)

	2002 ¹		2023 ¹		Males per 1000 females	
	males	females	males	females	2002 ¹	2023 ¹
Ukraine	22316317	25924585	...	...	861	...
Autonomous Republic of Crimea	931439	1092617	...	...	852	...
oblasts						
Vinnnytsya	804747	959197	...	...	839	...
Volyn	497646	559568	...	...	889	...
Dnipropetrovsk	1638504	1922720	...	...	852	...
Donetsk	2210403	2615160	...	...	845	...
Zhytomyr	644360	744933	...	...	865	...
Zakarpattia	604150	650464	...	...	929	...
Zaporizhzhya	884153	1042657	...	...	848	...
Ivano-Frankivsk	663275	742854	...	...	893	...
Kyiv	841463	979598	...	...	859	...
Kirovohrad	516610	609094	...	...	848	...
Luhansk	1167914	1372277	...	...	851	...
Lviv	1234896	1371060	...	...	901	...
Mykolayiv	586770	676129	...	...	868	...
Odesa	1148820	1306846	...	...	879	...
Poltava	742204	879003	...	...	844	...
Rivne	554413	617032	...	...	899	...
Sumy	592005	704758	...	...	840	...
Ternopil	527953	610547	...	...	865	...
Kharkiv	1328884	1566929	...	...	848	...
Kherson	546638	626051	...	...	873	...
Khmelnyskiy	657285	769364	...	...	854	...
Cherkasy	635822	762491	...	...	834	...
Chernivtsi	430047	488981	...	...	879	...
Chernihiv	560445	675620	...	...	830	...
cities						
Kyiv	1193356	1373597	...	...	869	...
Sevastopol	172115	205038	...	...	839	...

¹ For 2002, data of the Census as of December 5, 2001, for 2023, as of January 1

2.4. Resident population, by sex and age*(as of January 1, 2022; persons)*

POPULATION AND MIGRATION

2.5. Pensioners of all categories¹

(source: by Pension Fund of Ukraine; as of January 1)

	2001	2006	2011	2016	2018	2019	2020	2021	2022	2023
Total pensioners, thsd.	14447	14050	13738	12296	11725	11470	11335	11131	10841	10688
including										
retired by age	10299	10596	10587	9408	8922	8693	8535	8330	8052	7916
retired due to disability	2015	1605	1491	1400	1401	1415	1454	1479	1491	1495
survivors who lost their benefactor	1150	852	847	726	663	646	649	641	638	637
entitled to pension for long service	552	627	654	660	646	629	616	604	588	572
entitled to welfare pensions	431	370	158	101	90	84	78	73	68	64
judges in resignation who receive the lifetime monetary maintenance (with complete and incomplete work experience)	...	...	1	1	3	3	3	4	4	4

¹ Here and elsewhere (Table 2.6), information on the number of pensioners of all categories (civilian and military pensioners) is provided.

As of January 1, 2023, there were 4034,7 thsd. pensioners who lived in rural areas, which amounted to 37,8% of those registered at the Pension Fund of Ukraine bodies.

2.6. Pensioners of all categories, by region

(source: by Pension Fund of Ukraine; as of January 1, 2023)

	Total, persons	Including					
		old age pensions	disability pensions	survivors' pensions	long service pensions	welfare pensions	judges in resignation which receive the lifelong monetary maintenance (with complete and income-plete work experince)
Ukraine	10687921	7916113	1494861	637160	572278	63921	3588
Autonomous Republic of Crimea	...	...	...	...	...	...	...
oblasts							
Vinnitsya	433583	313194	70037	23277	24427	2524	124
Volyn	255047	174280	46485	19869	13024	1314	75
Dnipropetrovsk	887002	702557	75206	62427	41634	4939	239
Donetsk	743844	575911	75801	59767	28831	3325	209
Zhytomyr	355632	237716	69674	24889	21452	1778	123
Zakarpattya	254085	182831	39086	14239	14478	3386	65
Zaporizhzhya	499918	391264	54654	27822	22849	3138	191
Ivano-Frankivsk	334025	238333	61077	17576	13780	3159	100
Kyiv	535283	399840	77374	28919	25871	3134	145
Kirovohrad	253646	190186	30827	16002	14524	2007	100
Luhansk	326184	265305	23735	21967	13831	1244	102
Lviv	659723	462075	119893	43440	31206	2978	131
Mykolayiv	287675	215737	34290	17201	18734	1599	114
Odesa	562936	401228	87408	31595	38518	3972	215
Poltava	410492	297796	62257	25298	22897	2106	138
Rivne	283076	209633	42096	17200	12245	1846	56
Sumy	311682	241023	32228	17412	19127	1779	113
Ternopil	270117	201420	42385	13313	11470	1467	62
Kharkiv	730422	558254	86678	36990	43821	4386	293
Kherson	254942	204780	21900	12106	14353	1717	86
Khmelnyskiy	386906	243831	95656	23572	21593	2162	92
Cherkasy	396167	263276	95598	18749	15760	2652	132
Chernivtsi	205462	150496	33071	9489	10659	1692	55
Chernihiv	306065	223233	43475	18738	18827	1673	119
cities							
Kyiv	744007	571914	73970	35303	58367	3944	509
Sevastopol	...	...	...	...	...	...	...

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2.7. Number of the registered live births, deaths and natural population increase (decrease)

(thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Live births										
total	385,1	426,1	497,7	411,8	364,0	335,9	308,8	293,4	272,0	...
by type of areas										
in urban	238,0	284,3	326,6	266,1	237,9	220,1	202,6	189,1	175,3	...
in rural	147,1	141,8	171,1	145,7	126,1	115,8	106,2	104,3	96,7	...
Deaths										
total	758,1	782,0	698,2	594,8	574,1	587,7	581,1	616,8	714,3	...
by type of areas										
in urban	457,1	471,6	431,1	358,8	350,6	363,7	362,6	389,7	469,5	...
in rural	301,0	310,4	267,1	236,0	223,5	224,0	218,5	227,1	244,8	...
Natural increase (decrease) in population										
total	-373,0	-355,9	-200,5	-183,0	-210,1	-251,8	-272,3	-323,4	-442,3	...
by type of areas										
in urban	-219,1	-187,3	-104,5	-92,7	-112,7	-143,6	-160,0	-200,6	-294,2	...
in rural	-153,9	-168,6	-96,0	-90,3	-97,4	-108,2	-112,3	-122,8	-148,1	...

2.8. Total rates for births, deaths, natural increase (decrease) in the population

(per 1000 present population)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Live births										
total	7,8	9,0	10,8	10,7	9,4	8,7	8,1	7,8	7,3	...
by type of areas										
in urban	7,2	8,9	10,4	10,4	9,2	8,5	7,9	7,5	7,0	...
in rural	9,2	9,4	11,9	11,3	9,9	9,2	8,5	8,5	7,9	...
Deaths										
total	15,4	16,6	15,2	14,9	14,5	14,8	14,7	15,9	18,5	...
by type of areas										
in urban	13,8	14,8	13,7	13,2	13,0	13,4	13,4	14,8	17,8	...
in rural	18,8	20,5	18,6	18,0	17,3	17,5	17,2	18,1	19,7	...
Natural increase (decrease) in population										
total	-7,6	-7,6	-4,4	-4,2	-5,1	-6,1	-6,6	-8,1	-11,2	...
by type of areas										
in urban	-6,6	-5,9	-3,3	-2,8	-3,8	-4,9	-5,5	-7,3	-10,8	...
in rural	-9,6	-11,1	-6,7	-6,7	-7,4	-8,3	-8,7	-9,6	-11,8	...

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2.9. Live births by sex

(persons)

	Total			Urban areas			Rural areas		
	both sexes	boys	girls	both sexes	boys	girls	both sexes	boys	girls
2000	385126	199411	185715	238014	123305	114709	147112	76106	71006
2005	426086	219616	206470	284257	146547	137710	141829	73069	68760
2010	497689	256835	240854	326587	168773	157814	171102	88062	83040
2015	411781	212846	198935	266082	137342	128740	145699	75504	70195
2016	397037	205194	191843	258688	133640	125048	138349	71554	66795
2017	363987	187528	176459	237874	122492	115382	126113	65036	61077
2018	335874	173417	162457	220102	113658	106444	115772	59759	56013
2019	308817	159792	149025	202646	105196	97450	106171	54596	51575
2020	293457	151568	141889	189167	97673	91494	104290	53895	50395
2021	271983	140197	131786	175257	90273	84984	96726	49924	46802
2022	...	...	...	...	...	...	...	...	...

2.10. Birth rates by age

(per 1000 women by relevant age group)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
15–49 age	30,6	34,4	42,5	44,2	39,6	36,9	34,3	33,4	31,3	...
younger than 20	32,1	28,6	28,8	27,3	22,4	19,7	16,9	15,8	13,8	...
20–24	94,9	88,8	90,1	92,3	79,5	73,3	68,1	66,4	61,5	...
25–29	57,7	71,7	87,9	91,8	84,8	80,3	76,5	76,3	73,1	...
30–34	26,5	37,7	55,1	58,8	56,3	54,3	52,4	52,2	51,5	...
35–39	8,7	13,3	22,3	27,3	26,7	26,4	25,3	25,7	25,1	...
40–44	1,9	2,3	4,2	5,6	5,9	6,1	5,9	6,2	6,0	...
45–49	0,1	0,1	0,2	0,4	0,7	0,7	0,8	0,8	0,8	...

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2.11. Share of live births born to mothers who are not in registered marriage

(percent of total live births)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total	17,3	21,4	21,9	20,6	20,5	20,5	20,5	20,5	20,5	...
by type of areas										
in urban	17,7	21,2	21,1	19,5	19,5	19,5	19,5	19,4	19,4	...
in rural	16,6	21,8	23,4	22,6	22,4	22,4	22,5	22,6	22,5	...

2.12. Crude birth rates

(live births per woman)

	Total	Urban areas	Rural areas
2000	1,116	0,965	1,510
2001	1,078	0,950	1,411
2002	1,095	0,969	1,432
2003	1,172	1,067	1,449
2004	1,218	1,127	1,463
2005	1,213	1,120	1,460
2006	1,310	1,207	1,585
2007	1,345	1,236	1,630
2008	1,458	1,346	1,748
2009	1,473	1,348	1,784
2010	1,443	1,308	1,770
2011	1,459	1,317	1,801
2012	1,531	1,387	1,868
2013	1,506	1,365	1,825
2014	1,498	1,351	1,827
2015	1,506	1,388	1,710
2016	1,466	1,361	1,642
2017	1,374	1,283	1,522
2018	1,301	1,220	1,427
2019	1,228	1,155	1,341
2020	1,217	1,133	1,355
2021	1,160	1,083	1,288
2022	...	...	...

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2.13. Population mortality, by major causes of death

	2005	2010	2015	2017	2018	2019	2020	2021	2022
From all causes	781961	698235	594796	574123	587665	581114	616835	714263	...
of which due to									
some infectious and									
parasitic diseases	17245	14642	9900	8714	8964	8120	6980	6290	...
tumours	91849	88767	79530	78324	78597	78223	77880	74385	...
diseases of blood circulation	488769	465093	404551	384810	392060	389348	408163	429291	...
respiratory diseases	27998	19480	13951	12166	13006	12504	16479	26428	...
digestive apparatus diseases	31692	26817	22818	21999	24489	24144	24167	24844	...
external causes of deaths									
and diseases	69954	43955	34569	31185	30905	30009	28635	28836	...
COVID-19 coronavirus									
infection	—	—	—	—	—	—	21284	87567	...
of which from									
COVID-19, identified virus	—	—	—	—	—	—	20583	85975	...
COVID-19, unidentified									
virus	—	—	—	—	—	—	701	1592	...
Per 100 thsd. present population	1660,0	1522,2	1487,1	1447,8	1479,4	1466,4	1590,4	1847,7	...
From all causes									
of which due to									
some infectious and									
parasitic diseases	36,6	31,9	24,6	22,0	22,7	20,8	17,8	16,4	...
tumours	195,0	193,5	199,8	199,9	200,3	199,3	201,1	194,1	...
diseases of blood circulation	1037,6	1013,9	1009,5	977,9	996,6	989,2	1052,1	1110,0	...
respiratory diseases	59,4	42,5	35,3	31,1	33,2	32,0	41,9	66,6	...
digestive apparatus diseases	67,3	58,5	55,8	55,0	61,2	60,8	61,4	63,9	...
external causes of deaths									
and diseases	148,5	95,8	86,3	79,8	79,2	77,7	74,7	75,7	...
COVID-19 coronavirus									
infection	—	—	—	—	—	—	57,0	228,4	...
of which from									
COVID-19, identified virus	—	—	—	—	—	—	55,4	224,9	...
COVID-19, unidentified									
virus	—	—	—	—	—	—	1,6	3,5	...

2.14. Mortality rates of population, by age

(per 100 thsd. present population by relevant age group)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total deaths	1550,6	1666,4	1528,2	1493,3	1453,9	1485,7	1472,7	1597,2	1855,7	...
of which those aged										
0–4	291,0	273,9	229,4	181,1	160,1	146,9	140,8	136,9	145,6	...
5–9	37,7	38,7	24,7	19,9	18,0	18,1	17,5	15,6	15,1	...
10–14	38,2	31,8	27,9	25,3	21,9	22,3	20,1	17,8	23,3	...
15–19	91,4	77,3	63,0	61,2	51,8	49,7	52,5	54,1	54,9	...
20–24	178,8	148,6	114,7	98,1	84,6	83,2	80,0	76,2	85,0	...
25–29	244,3	269,4	188,9	152,1	139,4	134,4	131,0	124,8	121,9	...
30–34	336,8	397,1	310,1	240,9	222,9	231,5	224,4	222,7	228,5	...
35–39	463,1	549,3	404,6	372,9	345,7	365,2	347,0	330,8	350,8	...
40–44	659,2	753,0	535,4	497,7	481,5	523,3	513,2	509,4	546,9	...
45–49	945,9	1026,1	709,1	665,2	643,5	683,4	681,7	693,7	773,7	...
50–54	1278,2	1421,2	997,4	927,1	903,9	943,7	931,8	969,0	1073,9	...
55–59	1780,5	1882,1	1448,3	1323,2	1274,0	1314,9	1273,6	1379,1	1567,4	...
60–64	2483,7	2649,8	2096,7	2012,8	1883,3	1920,4	1877,1	2080,8	2389,2	...
65–69	3532,0	3517,8	3084,4	2839,3	2742,9	2821,9	2733,9	3020,9	3598,2	...
70 and older	8637,3	8831,2	8196,3	8602,9	8493,1	8522,5	8373,3	8997,0	10483,0	...

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2.15. Number of the dead of infants under 1 year old, by region

(persons)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	4606	4259	4564	3318	2786	2397	2189	1988	1971	...
Autonomous Republic of Crimea	172	161	205	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	152	139	148	120	103	79	92	74	75	...
Volyn	137	105	123	86	75	86	79	66	45	...
Dnipropetrovsk	334	309	347	289	209	230	185	147	147	...
Donetsk	419	412	497	156	146	117	121	92	80	...
Zhytomyr	131	123	135	102	81	74	64	54	69	...
Zakarpattya	134	180	199	180	165	146	143	131	104	...
Zaporizhzhya	208	177	182	132	94	106	68	55	78	...
Ivano-Frankivsk	201	194	170	108	90	79	76	82	70	...
Kyiv	122	123	140	109	90	73	65	57	59	...
Kirovohrad	107	100	112	89	92	57	49	52	45	...
Luhansk	212	210	199	56	56	35	30	29	20	...
Lviv	297	218	266	232	232	163	145	145	121	...
Mykolayiv	127	89	104	73	61	74	57	55	45	...
Odesa	277	254	263	229	218	178	149	137	137	...
Poltava	93	103	87	79	47	52	58	55	37	...
Rivne	191	151	158	139	120	87	106	65	111	...
Sumy	123	102	97	76	54	33	39	51	34	...
Ternopil	131	98	98	82	81	54	50	45	39	...
Kharkiv	225	229	243	248	164	139	144	152	149	...
Kherson	111	115	116	96	78	78	58	81	99	...
Khmelnyskiy	149	109	109	116	106	69	67	67	88	...
Cherkasy	115	107	125	87	78	80	60	52	48	...
Chernivtsi	100	124	90	93	94	71	57	44	57	...
Chernihiv	116	103	82	76	49	53	45	54	41	...
cities										
Kyiv	193	197	233	265	203	184	182	146	173	...
Sevastopol	29	27	36	...	...	...	...	...	...	...

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2.16. Mortality rates of infants under 1 year old, by region

(number of the dead of infants under 1 year old per 1000 live births)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	11,9	10,0	9,1	7,9	7,6	7,0	7,0	6,7	7,2	...
Autonomous Republic of Crimea	11,4	9,0	8,8	...	...	...	...	...	...	...
oblasts										
Vinnitsya	9,9	9,1	8,4	7,2	7,2	6,0	7,6	6,4	7,0	...
Volyn	11,5	8,3	8,2	6,3	6,2	7,6	7,5	6,3	4,5	...
Dnipropetrovsk	12,7	10,2	9,7	8,5	7,5	9,0	8,1	6,8	7,4	...
Donetsk	13,9	11,5	12,0	8,7	8,2	7,2	8,2	8,0	7,8	...
Zhytomyr	10,4	9,5	9,1	7,3	6,8	6,9	6,6	5,9	8,0	...
Zakarpattia	9,4	11,5	10,9	10,5	11,1	10,4	10,9	9,8	8,1	...
Zaporizhzhya	14,8	11,1	10,1	7,8	6,5	8,2	5,7	5,2	8,0	...
Ivano-Frankivsk	13,7	12,9	10,3	6,8	6,6	6,2	6,2	6,9	6,5	...
Kyiv	9,0	7,5	7,0	5,4	5,1	4,7	4,5	4,0	4,6	...
Kirovohrad	11,7	11,1	10,6	9,3	11,6	7,9	7,6	8,5	8,1	...
Luhansk	13,2	11,7	9,4	9,8	9,3	6,2	5,9	7,0	5,9	...
Lviv	12,2	8,3	9,2	8,2	9,2	7,0	6,6	6,8	6,2	...
Mykolayiv	12,3	8,1	8,1	6,2	6,0	7,9	7,0	7,2	6,3	...
Odesa	13,7	10,7	9,2	8,2	8,6	7,6	7,0	6,6	7,0	...
Poltava	7,9	8,6	6,1	5,8	4,1	5,0	6,3	6,3	4,6	...
Rivne	13,7	10,4	9,2	8,5	8,3	6,4	8,5	5,3	9,5	...
Sumy	13,1	11,4	9,3	7,7	6,7	4,5	5,9	8,4	6,2	...
Ternopil	12,3	8,9	8,2	7,5	8,7	6,3	6,2	5,7	5,3	...
Kharkiv	11,3	10,2	9,2	9,8	7,5	7,0	7,9	9,0	9,5	...
Kherson	10,8	11,3	9,4	8,4	7,7	8,4	6,8	10,5	13,8	...
Khmelnyskiy	12,0	8,8	7,5	8,3	9,1	6,4	6,6	6,9	10,0	...
Cherkasy	10,7	10,2	10,0	7,5	8,0	9,1	7,7	7,2	7,0	...
Chernivtsi	10,7	12,6	8,2	8,6	9,9	8,1	6,8	5,4	7,3	...
Chernihiv	13,2	11,7	8,1	8,3	6,4	7,6	7,3	9,1	7,5	...
cities										
Kyiv	10,2	7,5	7,3	7,5	5,7	5,3	5,6	4,7	5,8	...
Sevastopol	10,9	7,4	8,6	...	...	...	...	...	...	...

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2.17. Life expectancy at birth by sex

	(years)		
	Both sexes	Male	Female
2000	67,72	62,10	73,53
2001	67,89	62,32	73,63
2002 ¹	68,32	62,70	74,13
2003 ¹	68,24	62,64	74,06
2004 ¹	68,22	62,60	74,05
2005 ¹	67,96	62,23	73,97
2006 ¹	68,10	62,38	74,06
2007 ¹	68,25	62,51	74,22
2008 ¹	68,27	62,51	74,28
2009 ¹	69,29	63,79	74,86
2010 ¹	70,44	65,28	75,50
2011	71,02	65,98	75,88
2012	71,15	66,11	76,02
2013	71,37	66,34	76,22
2014	71,37	66,25	76,37
2015	71,38	66,37	76,25
2016	71,68	66,73	76,46
2017	71,98	67,02	76,78
2018	71,76	66,69	76,72
2019	72,01	66,92	76,98
2020	71,35	66,39	76,22
2021	69,77	65,16	74,36
2022	...	...	...

¹ The date are calculated over two related years

2.18. Marriages and dissolved marriages

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total registered marriages, thsd.	274,5	332,1	305,9	299,0	249,5	228,4	237,9	168,0	214,0	...
per 1000 by present population	5,6	7,1	6,7	7,8	6,5	6,0	6,3	4,5	5,8	...
Total dissolved of marriages, thsd.	197,3	183,5	126,1 ¹	129,4	128,7	153,9	138,0	119,8	121,4	...
per 1000 by present population	4,0	3,9	2,7 ¹	3,3	3,3	3,9	3,6	3,1	3,2	...

¹ According to data from bodies of state registration of acts of civil status not including the annulment of marriages fulfilled through the courts

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2.19. Number of registered marriages by pre-marital status of couple

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Males										
Total	274523	332143	305933	299038	249522	228411	237858	167974	214013	...
never married before	201178	247888	231972	224509	182832	165002	170632	118478	150449	...
widowers	7859	7754	5046	3623	3524	3500	3559	2737	3297	...
divorced	65486	76501	68915	70906	63166	59909	63667	46759	60267	...
Females										
Total	274523	332143	305933	299038	249522	228411	237858	167974	214013	...
never married before	204277	251476	234320	222901	179593	160956	165518	113872	144617	...
widows	10197	10824	7486	6516	5835	5737	5821	4530	5637	...
divorced	60049	69843	64127	69621	64094	61718	66519	49572	63759	...

3. LABOUR MARKET

Since 1995, in accordance with the recommendations of the International Labour Organisation (hereinafter – the ILO), a sample survey of the population (households) on economic activity (since 2019, the labour force survey) has been introduced into the practice of official statistics. This survey is conducted at the place of permanent residence of the population and covers persons aged 15 and older (until 2019, aged 15–70), for which estimates of labour force, employment and unemployment are calculated.

In order to ensure a comparison of the indicators in the dynamics in tables 3.1–3.7, the information is given according to the results of the labour force survey of persons aged 15–70.

The labour force (until 2019, economically active population) is the number of people of both sexes for aged 15 and older (until 2019, aged 15–70), which may adhere to the supply of labour in the labour market. Employed and unemployed in total make up the labour force.

Employed are considered to be persons aged 15 and older (until 2019, aged 15–70), which:

during the reference week were employed at least one hour to receive cash or in-kind payment. They worked individually (self-employed) or were employed by other individuals or worked at their own (family) enterprise; worked for free at enterprises or own business that belongs to any member of household or were employed at private subsidiary agriculture in order to sell products produced as a result of this activity;

were temporally absent from work, i.e. were formally attached to work place, had own enterprise (business) however, they did

not work during the reference period for certain reasons.

The total number of the employed population by type of economic activity (Table 3.3) is distributed in line with *the Classification of Types of Economic Activity* (State Classifier 009:2010) based on the comprehensive assessment by integrating data from labour force survey, the state statistical observations over enterprises and administrative reporting.

The level of population participation in the labour force (until 2019, the level of economic activity of the population) is defined as the ratio (as a percentage) of the labour force aged 15 and older (until 2019, economically active population aged 15–70) to the total population or the population of the relevant socio-demographic group.

Employment rate of the population is a ratio (percent) of the employed aged 15 and older (until 2019, aged 15–70) to the total population of the specific age or population by the relevant social and demographic characteristics.

Following **ILO methodology**, the **unemployed** are defined as persons aged 15 and older (until 2019, aged 15–70) who meet the following three requirements: were without work (gainful employment); during the last four weeks were actively seeking a job or were trying to establish their own business; during the recent two weeks were available to work, i.e. to be employed or to work at their own enterprise in order to get wages or income. The category of the unemployed includes persons who will start working during the next two weeks; have found a job or await a reply.

Unemployment rate (according to the ILO methodology) – the ratio (as a

percentage) of the number of unemployed aged 15 and older (until 2019, aged 15–70) to the labour force (until 2019, the economically active population) of the specified age or the corresponding social demographic group.

Within the framework of labour force survey of the population, prior to 2012 the working age persons include women aged 15–54 year old and men aged 15–59 year old. According to Ukraine's law *On Actions Regarding the Legal Support to Reforming the Pension System*, in 2012 the working age population includes women aged 55 years old. In 2013 the working age population includes women aged 56 years old, in 2014 women aged 57 years old, in 2015 women aged 58 years old, in 2016 women aged 59 years old.

Persons who are not part of the labour force (until 2019, economically inactive population) – persons aged 15 and older (until 2019, aged 15–70), who during the surveyed week did not belong to the employed or unemployed population.

The indicators from Tables 3.8–3.16 are defined on the basis of data from the state statistical observations that cover legal persons and separate units of legal persons (hereinafter enterprises) that make use of wage labour. Since 2010, to produce the population of units for these observations, the following methodological principles are applied: large and medium-sized enterprises with the average number of employees (including temporary ones) of 50 and more are subject to complete enumeration while enterprises with the number of employees from 10 to 49 persons are covered by sample method (sample).

In Tables 3.8, 3.10, 3.14, 3.16 data for 2010 have been recalculated according to the *Classification of Types of Economic Activity* (State Classifier 009:2010) that took effect on January 1, 2012.

Average registered number of regular employees covers the persons who are in labour relationship with the enterprise and receive wages except those temporarily absent from work, for whom the working

place is kept (on maternity leave or additional holiday on child care upon achievement of the age stipulated by legislation, and those who do call-up military service) as well as those working according to civil and legal treaties. It is averaged over a period:

over the month by summing up the number of registered employees for each calendar day of the month, i.e. from the 1st to 30th or 31st day including the holidays (off-days) and week-ends and by dividing the obtained sum by the relevant number of calendar days of the reference month;

over the year by summing up the average registered number of employees for all months of work that passed during the reference year and by dividing the obtained sum by the number of months (i.e. 12).

A working person is recorded only once (by place of main job) regardless of the duration of labour agreement and duration of work hours.

Information about **the movement of employees** on the roll is characterized by changes in the number of regular employees due to recruitment and dismissals for different reasons.

Information about the **number of concluded and registered collective agreements** is submitted by enterprises where they act according to Ukraine's law *On Collective Contracts and Agreements*.

The number of employees covered by collective agreements includes the employees who are on the staff of an enterprise regardless of their membership in trade union, including also those who were absent due to different reasons at the moment when the report was drafted.

Worked hours are measured in man-hours for employees who actually worked at the enterprise including those who are part-time employees, performed overtime work, worked during week-ends and holidays (off days) or worked extra month (on top of the schedule) as well as man-hours of work by internal dual jobholders or home-workers.

Non-worked time is time has not been worked because of valid or other reasons. It include absence of employees at work due to holidays (annual holiday, training, etc), temporary invalidity, temporary transfer to other enterprise for work, holidays without wages reservation (of which for the period of work performance termination), transfer to part-time work (incomplete working day or week), truancies, downtimes, strikes and other reasons.

Nominal wages relate to remuneration in cash and in kind paid to employees for time worked or work done. It also includes base wage rates (official salary), bonuses, additional payments, allowances and other kinds of payments for time not worked. Nominal wages include compulsory deductions from wages of employees: income tax from natural persons, and military tax.

Nominal wages do not include the following:

- cash security for professional servicemen, and soldiers and officer personnel;

- payments from social insurance funds for temporary disability;

- payment for the first five days of temporary disability of employer funds;
- sum of employer contribution to the compulsory state social insurance.

Average monthly (for a year) nominal wages of employees defined by dividing the annual wages by the average annual number of employees and by twelve months.

In Tables 3.12, average monthly wages for 1940–1994. Prior to 1991 inclusive, the compilation of statistical indicator of size of average monthly wages

was separately made for workers, employees and those engaged at collective agricultural enterprises (CAEs). Since 1992, on the basis of the national legislative acts, the common methodology for statistical recording of the basic indicators has been developed. The indicators characterize the social and labour relationships and the results stemming from the labour activity both of employees and workers, and employees from CAEs.

In tables 3.13-3.16, the assessment of indicator for 2022 has been made taking into account the submission rate of reporting and information from administrative sources. Information will be updated after the end of timing for submission of statistical and financial reporting established by Ukraine's law on protection of interests of entities that submit reporting and other documents during the period of martial law or state of war.

Nominal wages index reflects the nominal wages change in there porting period compared with the base one.

Index of real wages shows the changes in the purchasing power of the nominal wages that occur during the reference period. It is compared to the base period. It is calculated by dividing the index for the nominal wages which excludes income taxes of natural persons and military insurance during a certain period by CPI for the same period.

LABOUR MARKET

3.1. Population, by participation status in the labour force

(aged 15–70; thsd.)

	2010	2015	2017	2018	2019	2020	2021	2022
Labour force	22051,6	18097,9	17854,4	17939,5	18066,0	17589,5	17321,6	...
working age	20220,7	17396,0	17193,2	17296,2	17381,8	16917,8	16666,8	...
older than working age	1830,9	701,9	661,2	643,3	684,2	671,7	654,8	...
Employed	20266,0	16443,2	16156,4	16360,9	16578,3	15915,3	15610,0	...
working age	18436,5	15742,0	15495,9	15718,6	15894,9	15244,5	14957,3	...
older than working age	1829,5	701,2	660,5	642,3	683,4	670,8	652,7	...
Unemployed	1785,6	1654,7	1698,0	1578,6	1487,7	1674,2	1711,6	...
working age	1784,2	1654,0	1697,3	1577,6	1486,9	1673,3	1709,5	...
older than working age	1,4	0,7	0,7	1,0	0,8	0,9	2,1	...
Persons who are not part of the labour force	12575,5	10925,5	10945,0	10724,8	10430,5	10724,8	10718,3	...
working age	7878,0	6920,6	6845,8	6486,4	6114,7	6312,6	6254,9	...
older than working age	4697,5	4004,9	4099,2	4238,4	4315,8	4412,2	4463,4	...

LABOUR MARKET

3.2. Labour force, by region

(aged 15–70)

	2010		2015		2020		2022	
	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70
Ukraine	22051,6	63,7	18097,9	62,4	17589,5	62,1	...	...
Autonomous Republic of Crimea	964,7	64,5	...	...	...	...	...	...
oblasts								
Vinnysya	771,2	63,9	741,2	63,4	710,7	62,9	...	...
Volyn	474,1	63,6	440,4	58,8	416,0	55,8	...	...
Dnipropetrovsk	1659,6	64,9	1594,9	65,6	1496,8	63,5	...	...
Donetsk	2166,6	63,7	877,7	58,3	838,8	57,9	...	...
Zhytomyr	621,1	65,9	571,2	62,5	549,4	62,1	...	...
Zakarpattia	582,2	63,1	571,8	61,9	551,4	60,1	...	...
Zaporizhzhya	892,6	64,3	825,5	62,5	791,7	62,6	...	...
Ivano-Frankivsk	577,8	57,0	609,5	59,8	599,3	59,1	...	...
Kyiv	817,6	63,2	790,6	62,0	811,6	62,0	...	...
Kirovohrad	473,5	62,4	436,6	60,9	414,7	60,8	...	...
Luhansk	1094,1	61,6	362,7	64,7	339,4	66,7	...	...
Lviv	1190,0	62,9	1134,7	60,5	1123,8	60,6	...	...
Mykolayiv	586,1	64,5	558,2	64,0	537,1	64,2	...	...
Odesa	1112,5	61,3	1086,3	61,2	1067,1	61,2	...	...
Poltava	714,0	63,4	664,3	61,7	643,2	62,3	...	...
Rivne	532,0	64,0	541,4	65,0	513,8	61,9	...	...
Sumy	556,2	62,7	523,3	61,8	507,7	62,7	...	...
Ternopil	482,1	60,6	460,3	58,5	450,4	58,4	...	...
Kharkiv	1365,2	63,9	1324,2	63,8	1288,1	63,9	...	...
Kherson	534,9	64,4	496,6	62,5	490,1	64,1	...	...
Khmelnyskiy	635,5	64,7	557,1	58,6	560,6	60,9	...	...
Cherkasy	627,3	64,9	580,2	62,6	557,6	63,0	...	...
Chernivtsi	418,0	62,7	404,9	60,5	413,3	62,0	...	...
Chernihiv	536,2	66,2	483,9	62,9	466,7	64,0	...	...
cities								
Kyiv	1473,7	67,5	1460,4	66,7	1450,2	66,2	...	...
Sevastopol	192,8	66,0	...	...	...	...	...	...

LABOUR MARKET

3.3. Number of employment, by type of economic activity

(thsd.)

	2015	2017	2018	2019	2020	2021	2022
Total	16443,2	16156,4	16360,9	16578,3	15915,3	15610,0	...
Agriculture, forestry and fishing	2870,6	2860,7	2937,6	3010,4	2721,2	2692,7	...
Industry	2573,9	2440,6	2426,0	2461,5	2358,6	2313,2	...
including							
Manufacturing	1839,3	1774,9	1786,3	1833,3	1737,2	1701,1	...
Construction	642,1	644,3	665,3	699,0	664,4	690,8	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	3510,7	3525,8	3654,7	3801,3	3648,7	3604,7	...
Transportation and storage, postal and courier activities	998,0	991,6	995,1	999,0	975,2	961,0	...
Accommodation and food service activities	277,3	276,3	283,0	304,0	285,4	285,2	...
Information and communication	272,9	274,1	280,3	289,2	283,7	289,0	...
Financial and insurance activities	243,6	215,9	214,0	211,6	212,5	210,6	...
Real estate activities	268,3	252,3	259,4	259,7	251,2	248,2	...
Professional, scientific and technical activities	422,9	415,8	437,9	421,6	418,2	422,2	...
Administrative and support service activities	298,6	297,9	304,3	317,9	304,6	317,9	...
Public administration and defence, compulsory social security	974,5 ¹	979,7	939,3	870,5 ¹	901,9 ¹	873,9	...
Education	1496,5	1423,4	1416,5	1388,7	1394,9	1244,0	...
Human health and social work activities	1040,7	1013,6	995,4	974,2	935,4	913,4	...
Arts, entertainment and recreation	207,9	199,8	196,9	197,6	196,0	178,7	...
Other type of economic activity	344,7	344,6	355,2	372,1	363,4	364,5	...

¹ Including the number of temporary employees involved in the preparations and conduct of the elections: in 2015, deputies of local councils and rural, village and city mayors; in 2019, of the President of Ukraine and to the Verhovna Rada of Ukraine; in 2020, deputies of local councils and rural, village and city mayors

LABOUR MARKET

3.4. Employment, by region

(aged 15–70)

	2010		2015		2020		2022	
	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70
Ukraine	20266,0	58,5	16443,2	56,7	15915,3	56,2	...	...
Autonomous Republic of Crimea	904,5	60,5	...	...	...	...	...	...
oblasts								
Vinnitsya	694,3	57,5	674,9	57,7	634,9	56,2	...	...
Volyn	433,6	58,2	397,3	53,1	364,1	48,9	...	...
Dnipropetrovsk	1541,9	60,3	1479,6	60,9	1367,8	58,0	...	...
Donetsk	1983,7	58,3	756,3	50,3	713,7	49,2	...	...
Zhytomyr	560,3	59,5	506,6	55,5	489,3	55,3	...	...
Zakarpattia	531,8	57,7	519,3	56,2	492,7	53,7	...	...
Zaporizhzhya	825,7	59,5	745,1	56,4	707,3	56,0	...	...
Ivano-Frankivsk	530,3	52,3	558,3	54,8	548,8	54,1	...	...
Kyiv	757,9	58,6	739,9	58,1	755,7	57,8	...	...
Kirovohrad	431,2	56,9	386,8	54,0	362,0	53,1	...	...
Luhansk	1015,4	57,1	306,3	54,6	287,1	56,4	...	...
Lviv	1096,7	58,0	1042,0	55,5	1038,9	56,0	...	...
Mykolayiv	536,7	59,1	508,7	58,4	479,7	57,3	...	...
Odesa	1044,5	57,5	1016,2	57,3	991,2	56,8	...	...
Poltava	644,8	57,3	583,6	54,2	566,2	54,8	...	...
Rivne	471,2	56,7	487,7	58,5	465,8	56,1	...	...
Sumy	497,0	56,0	470,5	55,6	459,9	56,8	...	...
Ternopil	431,3	54,2	406,2	51,6	398,4	51,6	...	...
Kharkiv	1267,3	59,3	1230,8	59,3	1208,5	59,9	...	...
Kherson	488,8	58,9	445,8	56,1	434,5	56,8	...	...
Khmelnyskiy	580,6	59,1	500,5	52,6	505,0	54,8	...	...
Cherkasy	564,9	58,4	523,5	56,5	504,5	57,0	...	...
Chernivtsi	382,4	57,4	367,2	54,9	376,5	56,5	...	...
Chernihiv	480,1	59,2	432,3	56,2	411,3	56,4	...	...
cities								
Kyiv	1387,8	63,6	1357,8	62,0	1351,5	61,7	...	...
Sevastopol	181,3	62,0	...	...	...	...	...	...

LABOUR MARKET

3.5. ILO unemployment, by region

(aged 15–70)

	2010		2015		2020		2022	
	thsd.	percentage of labour force aged 15–70	thsd.	percentage of labour force aged 15–70	thsd.	percentage of labour force aged 15–70	thsd.	percentage of labour force aged 15–70
Ukraine	1785,6	8,1	1654,7	9,1	1674,2	9,5	...	...
Autonomous Republic of Crimea	60,2	6,2	...	...	...	...	...	...
oblasts								
Vinnitsya	76,9	10,0	66,3	8,9	75,8	10,7	...	...
Volyn	40,5	8,5	43,1	9,8	51,9	12,5	...	...
Dnipropetrovsk	117,7	7,1	115,3	7,2	129,0	8,6	...	...
Donetsk	182,9	8,4	121,4	13,8	125,1	14,9	...	...
Zhytomyr	60,8	9,8	64,6	11,3	60,1	10,9	...	...
Zakarpattia	50,4	8,7	52,5	9,2	58,7	10,6	...	...
Zaporizhzhya	66,9	7,5	80,4	9,7	84,4	10,7	...	...
Ivano-Frankivsk	47,5	8,2	51,2	8,4	50,5	8,4	...	...
Kyiv	59,7	7,3	50,7	6,4	55,9	6,9	...	...
Kirovohrad	42,3	8,9	49,8	11,4	52,7	12,7	...	...
Luhansk	78,7	7,2	56,4	15,6	52,3	15,4	...	...
Lviv	93,3	7,8	92,7	8,2	84,9	7,6	...	...
Mykolayiv	49,4	8,4	49,5	8,9	57,4	10,7	...	...
Odesa	68,0	6,1	70,1	6,5	75,9	7,1	...	...
Poltava	69,2	9,7	80,7	12,1	77,0	12,0	...	...
Rivne	60,8	11,4	53,7	9,9	48,0	9,3	...	...
Sumy	59,2	10,6	52,8	10,1	47,8	9,4	...	...
Ternopil	50,8	10,5	54,1	11,8	52,0	11,5	...	...
Kharkiv	97,9	7,2	93,4	7,1	79,6	6,2	...	...
Kherson	46,1	8,6	50,8	10,2	55,6	11,3	...	...
Khmelnyskiy	54,9	8,6	56,6	10,2	55,6	9,9	...	...
Cherkasy	62,4	9,9	56,7	9,8	53,1	9,5	...	...
Chernivtsi	35,6	8,5	37,7	9,3	36,8	8,9	...	...
Chernihiv	56,1	10,5	51,6	10,7	55,4	11,9	...	...
cities								
Kyiv	85,9	5,8	102,6	7,0	98,7	6,8	...	...
Sevastopol	11,5	6,0	...	...	...	...	...	...

LABOUR MARKET

3.6. ILO unemployed, by duration of job search

(aged 15–70)

	2010	2015	2017	2018	2019	2020	2021	2021
Total unemployed, thsd.	1785,6	1654,7	1698,0	1578,6	1487,7	1674,2	1711,6	...
of which those who sought a job or tried to establish own business	1711,8	1617,4	1662,5	1546,0	1441,7	1625,7	1667,7	...
of which, by duration of job search, percent								
under 1 month	9,8	10,5	12,0	11,7	17,4	12,6	12,7	...
from 1 to 3 months	24,3	23,3	26,1	28,8	22,2	22,0	20,0	...
from 3 to 6 months	21,8	23,9	19,3	22,8	28,9	27,3	24,6	...
from 6 to 9 months	11,3	11,0	9,5	9,0	11,2	10,6	10,1	...
from 9 to 12 months	9,2	7,3	6,4	6,1	7,2	6,3	7,5	...
12 months and longer	23,6	24,0	26,7	21,6	13,1	21,2	25,1	...
<i>Average duration of job search, months</i>	7	7	7	6	5	6	7	...

3.7. ILO unemployed, by cause of unemployment

(aged 15–70)

	2010	2015	2017	2018	2019	2020	2021	2022
Total unemployed, thsd.	1785,6	1654,7	1698,0	1578,6	1487,7	1674,2	1711,6	...
By cause of unemployment, percent								
layoffs due to business reasons	32,7	27,8	23,2	20,7	21,5	22,9	27,1	...
dismissed due to one's own will as agreed by parties	26,8	28,9	34,5	38,0	39,6	34,1	32,4	...
dismissed due to the end of the contract or labour agreement	10,4	7,5	8,2	9,5	8,9	9,7	9,6	...
not placed in a job after graduation from educational institutions	16,0	16,4	12,2	9,8	9,4	9,3	10,2	...
seasonal job	6,3	9,9	10,1	9,4	9,6	10,2	9,4	...
not employed due to fulfilment of household (family) responsibilities, etc	2,3	3,7	4,9	4,7	3,3	2,9	4,1	...
layoffs caused by state of health, old-age pension	0,9	0,9	2,0	1,1	3,4	3,0	2,4	...
demobilised after term military service	1,3	0,3	0,7	0,9	0,8	0,5	0,6	...
other causes	3,3	4,6	4,2	5,9	3,5	7,4	4,2	...

LABOUR MARKET

3.8. Average annual number of regular employees, by type of economic activity

(thsd.)

	2010	2015	2017	2018	2019	2020	2021	2022
Total	10758	8065	7679	7662	7443	7345	7096	...
Agriculture, forestry and fishing	672	479	468	453	440	410	399	...
including Agricultural	597	417	405	391	383	358	345	...
Industry	2860	2040	1894	1851	1867	1797	1765	...
Construction	390	182	167	179	194	196	219	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	902	687	697	761	765	791	805	...
Transportation and storage, postal and courier activities	824	661	655	648	635	626	612	...
Transportation	276	267	282	264	263	267	267	...
Warehousing and support activities for transportation	443	315	297	310	304	292	280	...
Postal and courier activities	105	79	76	74	69	66	64	...
Accommodation and food service activities	109	71	70	70	76	68	65	...
Information and communication	208	134	119	118	112	106	104	...
Financial and insurance activities	271	191	168	168	167	172	170	...
Real estate activities	160	92	84	86	75	74	73	...
Professional, scientific and technical activities	351	240	219	240	198	203	205	...
of which Scientific research and development	138	97	87	93	79	78	75	...
Administrative and support service activities	214	192	176	176	179	167	182	...
Public administration and defence, compulsory social security	643	484	456	455	390	424	398	...
Education	1668	1434	1379	1365	1315	1319	1157	...
Human health and social work activities	1240	984	951	924	872	832	799	...
of which Human health services	1113	880	850	828	786	745	723	...
Arts, entertainment and recreation	193	161	150	142	134	137	120	...
of which								
Creative, arts and entertainment activities	101	85	84	80	74	76	65	...
Libraries, archives, museums and other cultural activities	55	48	44	40	38	38	35	...
Other services	53	31	27	26	24	24	25	...

LABOUR MARKET

3.9. Average annual number of regular employees, by region

(thsd.)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	10758	8065	7679	7662	7443	7345	7096	...
Autonomous Republic of Crimea	411	...	...	...	...	...	...	...
oblasts								
Vinnitsya	330	282	269	266	257	248	225	...
Volyn	200	171	172	170	161	160	148	...
Dnipropetrovsk	930	810	783	775	750	731	709	...
Donetsk	1156	472	412	382	360	353	341	...
Zhytomyr	255	220	208	207	205	203	197	...
Zakarpattia	201	172	165	162	152	149	129	...
Zaporizhzhya	466	384	365	367	351	340	332	...
Ivano-Frankivsk	225	200	192	191	186	183	183	...
Kyiv	383	344	344	354	344	343	340	...
Kirovohrad	210	180	175	176	168	165	158	...
Luhansk	547	173	129	112	102	105	97	...
Lviv	555	483	467	474	472	471	447	...
Mykolayiv	243	207	195	193	186	182	177	...
Odesa	533	438	425	422	412	402	381	...
Poltava	368	328	305	301	293	288	262	...
Rivne	214	188	177	175	170	168	150	...
Sumy	258	219	206	202	193	188	182	...
Ternopil	183	158	149	147	141	143	132	...
Kharkiv	664	576	555	562	546	543	529	...
Kherson	202	173	161	158	148	147	138	...
Khmelnyskiy	251	220	204	204	200	195	190	...
Cherkasy	272	225	222	217	208	206	199	...
Chernivtsi	140	117	114	115	110	106	99	...
Chernihiv	237	194	185	184	176	172	169	...
cities								
Kyiv	1238	1132	1102	1149	1152	1158	1182	...
Sevastopol	86	...	...	...	...	...	...	...

LABOUR MARKET

3.10. Average number of regular employees, by type of economic activity of industry

(thsd.)

	2010	2015	2017	2018	2019	2020	2021	2022
Industry	2860	2040	1894	1851	1867	1797	1765	...
Mining and quarrying	436	255	213	202	195	186	184	...
including								
Mining of coal and lignite	266	125	85	77	72	67	62	...
Manufacturing	1858	1339	1265	1248	1274	1210	1187	...
Manufacture of food products, beverages and tobacco products	384	290	280	275	293	286	278	...
Manufacture of textiles, apparel, leather and related products	96	72	78	78	76	70	66	...
Manufacture of wood and paper products, and printing	85	69	69	73	73	71	75	...
Manufacture of coke, and refined petroleum products	49	28	17	13	18	14	17	...
Manufacture of chemicals and chemical products	94	62	56	56	54	56	53	...
Manufacture of pharmaceuticals, medicinal chemical and botanical products	17	21	23	24	24	25	25	...
Manufacture of rubber and plastics products, and other non-metallic mineral products	165	114	112	116	119	114	114	...
Manufacture of basic metals and fabricated metal products, except machinery and equipment	354	244	207	190	193	185	173	...
Manufacture of computer, electronic and optical products	51	30	27	28	26	24	24	...
Manufacture of electrical equipment	64	53	50	50	45	42	41	...
Manufacture of machinery and equipment n.e.c.	188	121	116	114	112	100	98	...
Manufacture of transport equipment, trailers and semi-trailers and other	154	142	136	136	136	121	119	...
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	157	94	96	97	105	103	106	...
Electricity, gas, steam and air-conditioning supply	411	326	300	286	284	284	282	...
Water supply, sewerage, waste management and remediation	155	119	116	115	114	116	112	...

LABOUR MARKET

3.11. Employees recruitment and dismissal rate, by type of economic activity

(percent of averaged payroll staff)

	Recruited				Dismissed			
	2019	2020	2021	2022	2019	2020	2021	2022
Total	28,2	24,9	28,7	...	32,7	29,3	30,8	...
Agriculture, forestry and fishing	47,1	43,3	44,7	...	54,6	47,3	44,4	...
including Agriculture	50,8	46,3	47,2	...	58,1	50,1	46,3	...
Industry	27,0	22,8	25,0	...	31,6	27,7	28,5	...
Construction	46,0	44,1	45,4	...	51,7	48,6	44,1	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	50,1	42,4	45,6	...	53,1	47,1	47,9	...
Transportation and storage, postal and courier activities	28,4	27,6	25,2	...	33,2	29,3	31,5	...
Transportation	32,4	25,7	24,4	...	36,9	31,1	30,1	...
Warehousing and support activities for transportation	22,7	27,8	24,1	...	27,8	26,1	30,5	...
Postal and courier activities	38,2	34,1	33,7	...	43,1	36,6	42,2	...
Accommodation and food service activities	69,8	53,7	74,0	...	77,3	76,5	66,3	...
Information and communication	31,2	22,5	29,2	...	39,1	31,9	33,9	...
Financial and insurance activities	34,3	25,2	35,5	...	36,4	27,9	40,4	...
Real estate activities	29,6	23,9	23,2	...	35,5	30,9	29,1	...
Professional, scientific and technical activities	21,6	19,4	20,3	...	25,0	23,9	23,3	...
of which Scientific research and development	12,7	12,0	12,9	...	15,7	15,2	17,0	...
Administrative and support service activities	44,4	40,6	40,1	...	52,7	50,1	46,5	...
Public administration and defence, compulsory social security	20,4	18,2	28,1	...	28,4	23,1	30,2	...
Education	15,2	14,3	21,2	...	17,4	15,9	17,9	...
Human health and social work activities	15,3	15,1	16,4	...	19,5	21,4	21,2	...
of which Human health services	15,0	15,2	15,8	...	19,3	21,6	21,0	...
Arts, entertainment and recreation	20,1	17,5	27,7	...	22,3	19,2	23,3	...
of which								
Creative, arts and entertainment activities	19,9	16,9	30,5	...	21,1	18,3	23,2	...
Libraries, archives, museums and other cultural activities	14,4	13,3	21,5	...	16,8	13,4	19,0	...
Other services	25,7	22,3	24,4	...	35,6	27,5	26,9	...

LABOUR MARKET

3.12. Average monthly wages of regular employees

(KRB)

	Total	Including	
		blue collar and white collar-workers	employees of collective agricultural enterprises
1940	32,20	32,20	—
1945	42,70	42,70	—
1950	62,70	62,70	—
1955	68,80	68,80	—
1960	57,82	78,30	23,68
1965	80,15	93,90	49,76
1970	102,97	115,17	66,56
1975	122,33	133,54	80,77
1980	146,06	155,12	103,63
1985	167,81	173,95	135,55
1990	244,30	248,40	220,40
1991	479,70	495,40	391,00
1992	6505,39	—	—
1993	162790,23	—	—
1994	1427708,22	—	—

3.13. Average monthly nominal and real wages of regular employees

	Nominal wages, UAH	Percent to the relevant period of the previous year	
		nominal wages	real wages
1995	73	514,2	110,6
2000	230	129,6	99,1
2005	806	136,7	120,3
2010	2239	120,0	110,2
2015	4195	120,5	79,8
2016	5183	123,6	109,0
2017	7104	137,1	119,1
2018	8865	124,8	112,5
2019	10497	118,4	109,8
2020	11591	110,4	107,4
2021	14014	120,9	110,5
2022	14847 ¹	105,9 ¹	...

¹ The assessment of indicator has been made taking into account the submission rate of reporting and information from administrative sources. Information will be updated after the end of timing for submission of statistical and financial reporting established by Ukraine's law on protection of interest of entities that submit reporting and other documents during the period of martial law or state of war

LABOUR MARKET

3.14. Average monthly nominal wages of regular employees, by type of economic activity

(UAH)

	2010	2015	2017	2018	2019	2020	2021	2022 ¹	
								UAH	percent of 2021
Total	2239	4195	7104	8865	10497	11591	14014	14847	105,9
Agriculture, forestry and fishing	1472	3309	6057	7557	8856	9757	12287	13061	106,3
of which Agriculture	1430	3140	5761	7166	8738	9734	11733	12243	104,3
Industry	2570	4789	7631	9633	11788	12759	14902	15176	101,8
Construction	1758	3551	6251	7845	9356	9832	11289	9781	86,6
Wholesale and retail trade; repair of motor vehicles and motorcycles	1877	4692	7631	9404	10795	11286	13488	15103	112,0
Transportation and storage, postal and courier activities	2658	4653	7688	9860	11704	11951	13837	13731	99,2
Transportation	2555	4556	7883	10010	11754	11923	14007	...	...
Warehousing and support activities for transportation	2993	5358	8485	10884	12954	13137	14961	14763	98,7
Postal and courier activities	1523	2180	3851	5044	5993	6838	8214	8592	104,6
Accommodation and food service activities	1455	2786	4988	5875	6730	6026	8543	9367	109,7
Information and communication	3161	7111	12018	14276	17543	19888	25530	30829	120,8
Financial and insurance activities	4638	8603	12865	16161	19132	20379	23975	27986	116,7
Real estate activities	1856	3659	5947	7329	8626	8981	11142	11560	103,7
Professional, scientific and technical activities	2869	6736	10039	12144	14550	16613	19369	20497	105,8
of which Scientific research and development	2874	4972	8212	10259	11649	12882	15179	16360	107,8
Administrative and support service activities	1839	3114	5578	7228	8700	9878	11186	12291	109,9
Public administration and defence, compulsory social security	2722	4381	9372	12698	14785	16443	19048	20764	109,0
Education	1905	3132	5857	7041	8135	9271	11817	11999	101,5
Human health and social work activities	1628	2829	4977	5853	7020	8848	11616	13738	118,3
of which Human health services	1637	2853	5023	5898	7087	8995	11825	14002	118,4
Arts, entertainment and recreation	1928	4134	6608	7612	8659	9624	12508	11567	92,5
of which									
Creative, arts and entertainment activities	1883	3150	5774	6801	7834	8564	11315	11050	97,7
Libraries, archives, museums and other cultural activities	1911	3049	5464	6381	7519	8024	10462	10469	100,1
Other services	1717	3634	6536	8132	9096	11998	13279	14554	109,6

¹ See the footnote to Table 3.13

LABOUR MARKET

3.15. Average monthly nominal wages of regular employees, by region

(UAH)

	2010	2015	2017	2018	2019	2020	2021	2022 ¹	
								UAH	percent of 2021
Ukraine	2239	4195	7104	8865	10497	11591	14014	14847	105,9
Autonomous Republic of Crimea	1991	...	...	...	...	...	...	...	...
oblasts								...	...
Vinnnytsya	1782	3396	6121	7801	9299	10297	12488	...	...
Volyn	1692	3291	5849	7324	8663	9256	11445	...	...
Dnipropetrovsk	2369	4366	6939	8862	10751	11681	13669	...	...
Donetsk	2549	4980	7764	9686	11716	12647	14853	...	...
Zhytomyr	1785	3271	5836	7372	8528	9571	11625	...	...
Zakarpattia	1846	3381	6355	8070	9202	10193	12235	...	...
Zaporizhzhya	2187	4200	6863	8726	10480	11556	13782	...	...
Ivano-Frankivsk	1927	3402	6074	7551	8817	9980	11988	...	...
Kyiv	2295	4153	7188	9097	11003	11887	14290	...	...
Kirovohrad	1815	3282	5792	7191	8360	9603	11180	...	...
Luhansk	2271	3427	5862	7365	8731	10182	12176	...	...
Lviv	1941	3646	6391	8001	9271	10299	12530	...	...
Mykolayiv	2122	3984	6709	8160	9976	11414	13807	...	...
Odesa	2046	3897	6542	8011	9246	10336	12326	...	...
Poltava	2102	3783	6551	8375	9846	10819	12988	...	...
Rivne	1960	3573	6013	7469	8967	10254	12762	...	...
Sumy	1866	3449	5946	7324	8579	9785	11844	...	...
Ternopil	1659	2994	5554	6969	8275	9384	11595	...	...
Kharkiv	2060	3697	6244	7657	9081	9968	12051	...	...
Kherson	1733	3123	5842	7058	8187	9354	11398	...	...
Khmelnyskiy	1786	3371	5938	7346	8672	9872	12326	...	...
Cherkasy	1835	3360	6042	7478	8838	9797	11965	...	...
Chernivtsi	1772	3050	5621	6991	8066	9166	11183	...	...
Chernihiv	1711	3295	5636	6995	8206	9328	11363	...	...
cities									
Kyiv	3431	6732	11135	13542	15776	17086	20558	...	...
Sevastopol	2167	...	...	...	...	...	...	...	...

¹ See the footnote to Table 3.13

LABOUR MARKET

3.16. Average monthly nominal wages of regular employees, by type of economic activity of industry

(UAH)

	2010	2015	2017	2018	2019	2020	2021	2022 ¹	
								UAH	percent of 2021
Industry	2570	4789	7631	9633	11788	12759	14902	15176	101,8
Mining and quarrying	3563	6164	9704	12452	15630	16763	19309	...	...
including									
Mining of coal and lignite	3790	5944	9557	12158	14831	15701	17883	...	...
Manufacturing	2284	4477	7299	9196	11011	11493	13432	...	...
Manufacture of food products, beverages and tobacco products	2138	4184	6756	8338	9986	10761	12448	...	...
Manufacture of textiles, apparel, leather and related products	1336	2877	5414	6735	7469	7237	8761	...	...
Manufacture of wood and paper products, and printing	1866	3717	6475	8241	9297	9934	11725	...	...
Manufacture of coke, and refined petroleum products	3259	6181	8106	10966	15019	16542	17966	...	...
Manufacture of chemicals and chemical products	2384	4988	7552	8796	11340	12363	13768	...	...
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3490	8254	13846	16754	19511	21138	24914	...	...
Manufacture of rubber and plastics products, and other non-metallic mineral products	1968	3952	6858	8667	10347	10779	12776	...	...
Manufacture of basic metals and fabricated metal products, except machinery and equipment	2879	5645	8423	11022	13451	13926	16110	...	...
Manufacture of computer, electronic and optical products	2051	4619	9000	10640	12509	13275	14997	...	...
Manufacture of electrical equipment	2102	3870	6840	8731	10153	10531	12508	...	...
Manufacture of machinery and equipment n.e.c.	2219	4120	6923	8522	10349	10902	13012	...	...
Manufacture of transport equipment, trailers and semi-trailers and other	2394	4331	7597	10008	11665	11212	13572	...	...
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	2070	4065	7017	9003	10950	11363	13139	...	...
Electricity, gas, steam and air-conditioning supply	3028	5462	8493	10790	13989	16739	19752	...	...
Water supply, sewerage, waste management and remediation	1980	3498	5199	6549	8396	9774	11032	...	...

¹ See the footnote to Table 3.13

4. INCOME AND LIVING CONDITIONS

Income of the population (nominal income) is a sum of monetary funds and material benefits (wages, profit and mixed income; income received from property, social aid; social transfers in kind and other current transfers) aimed at supporting the physical, moral, economic and intellectual condition of human being and satisfaction of his/her needs.

Disposable income is nominal income after the deduction of taxes and other compulsory payments, i.e. funds used by the population for consumption and savings.

Household living conditions sample survey is the main source of data on the living standards of the population and its selected sections, the structure of household income and expenditure, consumption of food and services depending on the level of well-being, composition of households and other social and economic characteristics.

Since 1999 Ukraine has been conducting this sample survey. It is a continuous survey based on international standards that meet current social and demographic situation in Ukraine.

Household is a group of individuals who live together in a dwelling or its part and make common provision for living, keep a house, are completely or partially united and spend common funds. These individuals can be in blood or in-law relationships, be entirely unrelated or be in both of them. Household can consist of one person (Article 1 of Ukraine's law *On Population Census*).

Households participate in the survey for one year.

The survey is conducted every quarter. The survey is conducted in non-institutional (individual) households. Population who reside in collective households (compulsory-duty servicemen, the persons who are in the detention facilities, the persons who permanently reside in care homes, homes for

the aged) are not surveyed, and marginal sections of the population. The design of the sample survey excludes contaminated areas (isolated and eviction areas).

Since 2004, household living conditions survey covers dwellers in all hostels (for families, students, etc). In 1999–2003, only dwellers in family hostels were surveyed.

In 2021-2022 the sampled population of the survey included 12148 households (excluding households who reside within the temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and a part of temporarily occupied territories in the Donetsk and Luhansk regions). During the year 7614 households took part in the survey (selected addresses accounted for 67,0%, excluding non-resident dwellings).

Since 2007, the studies of the household well-being are based on income indicators; before 2007 expenditure indicators were used.

Monetary expenditure of the households comprise: expenses for purchasing foodstuffs, alcoholic drinks and tobacco products, non-food items and services, expenditure associated with keeping a private subsidiary agriculture, rendering assistance to relations and other individuals, constructing, major repairing of dwellings and utility rooms, purchasing of livestock, horses and perennial plantings for private subsidiary agriculture, acquiring shares, certificates, hard currency, making deposits with banks, paying maintenance and taxes (excluding income tax), duties, contributions, etc.

Total expenditure consist of monetary expenditure and value of consumed by household agriculture foodstuffs that were privately produced or given by their relatives or their other individuals, benefits and non-cash subsidies meant to pay for housing, communal utilities and services, benefits for telephone calls, travelling in transport, health goods and

services, tourist services, places in sanatoria, etc. Value of privately produced foodstuffs given by households to their relatives and other individuals is included into the total expenditure since this assistance occurs in a regular arrangement.

Monetary income of the households includes cash and in-kind (in monetary terms) revenues that household members received as labour compensation (excluding income tax and compulsory payments), income from entrepreneurship and self-employment, property income as interests and dividends, income from selling shares and other securities, revenues from privately produced agriculture foodstuffs and products received as procurement on own behalf from own resources, pensions, stipends, social aid (benefits and subsidies in cash meant to pay for housing and communal services, electricity and fuel, compensations for the unused sanatorium-and-spa treatment entitlement, travel privileges for some categories of citizens), monetary assistance received from relatives and other individuals, and other monetary income.

Total income incorporates monetary income, value of the consumed output produced at a private subsidiary agriculture (excluding expenditure for output) as procurement on own behalf, benefits and subsidies meant to reimburse communal services, electricity and fuel, non-cash subsidies meant to pay for health goods and services, tourist services, places in sanatoria, etc, benefits for travelling in transport and communication and also value of foodstuffs given their relatives or other individuals.

Total resources includes total income, revenues from selling real estate, private and household property and the sum of the used

savings, increased loans, credits, debts that households have acquired as well as debts paid off to households. This indicator shows the potential household resources that were obtained during the reference period regardless of the sources from which they had been derived.

Quintile coefficient for differentiating the population expenditure is a ratio between minimal expenditure that 20% of the most well-off population have and maximum expenditure that is enjoined by another 20% of the low-income population.

Quintile coefficient for funds is a ratio of the total expenditure between 20% of the most well off population and 20% of the low-income population.

Since 2011, when calculating per capita average indicators for expenditure and resources as well as indicators for differentiation of the population and households by level of material welfare according to modern international practice, a scale of equivalence was used which reflects a decrease in minimum necessary wants per one member of household due to increase in size of households and changes in its composition. Since 2000, to ensure time series comparisons, the indicators for differentiation of the population and households by level of material welfare have been revised with due account for the scale of equivalence.

Since the survey is completely new, all its components starting with the sample design and up to the system of analytical indicators are also new. It is not recommended to make comparisons with data from sample survey of family budgets which was conducted up to 1999.

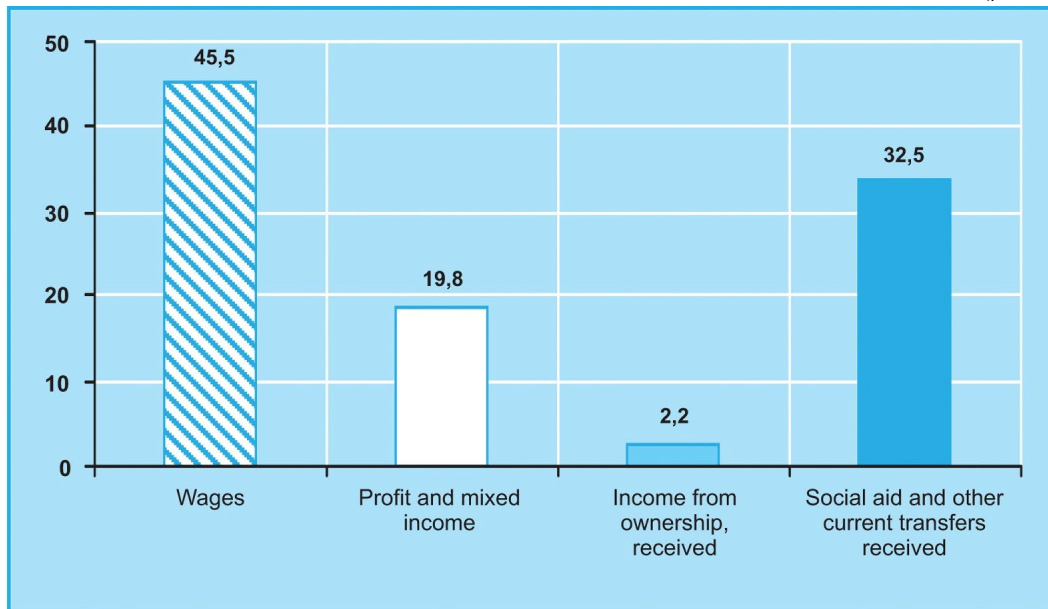
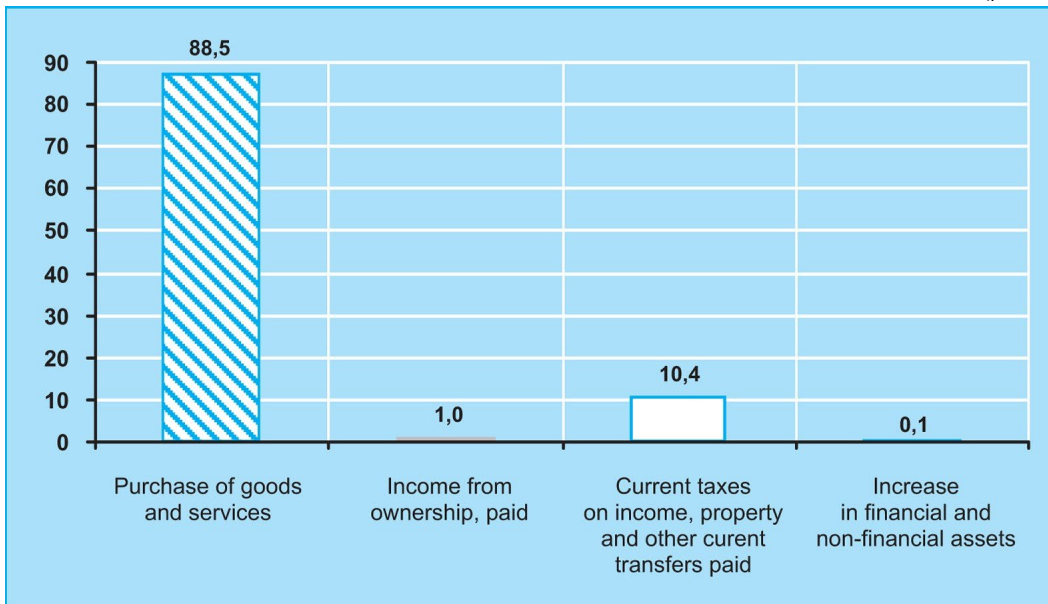
INCOME AND LIVING CONDITIONS

4.1. Population income and expenditure

(mln. UAH)

	2005	2010	2015 ¹	2018 ¹	2019 ¹	2020 ¹	2021 ¹	2021 over 2020, percent
Income	381404	1101175	1772016	3248730	3744060	4045191	4863519	120,2
of which								
wages	160621	449553	709590	1529367	1758588	1832294	2211720	120,7
profit and mixed income	58404	160025	323506	572065	678217	740334	964851	130,3
income from ownership, received	11072	67856	80035	91164	117003	104986	107241	102,1
social aid and other current transfers received	151307	423741	658885	1056134	1190252	1367577	1579707	115,5
Expenditure and savings	381404	1101175	1772016	3248730	3744060	4045191	4863519	120,2
of which								
purchase of goods and services	306769	838213	1568173	2884971	3356993	3520546	4305425	122,3
income from ownership, paid	3523	28844	18583	29975	39299	45788	46976	102,6
current taxes on income, property and other current transfers paid	25461	72251	154187	302237	360225	414937	503468	121,3
accumulation of non-financial assets	4444	19578	-2117	-22889	-40335	-44539	-36771	82,6
increase in financial assets	41207	142289	33190	54436	27878	108459	44421	41
<i>Available income</i>	<i>298275</i>	<i>847949</i>	<i>1362599</i>	<i>2470325</i>	<i>2905821</i>	<i>3117891</i>	<i>3725498</i>	<i>119,5</i>
<i>Real available income, percent of the previous year</i>	<i>123,9</i>	<i>117,1</i>	<i>79,6</i>	<i>110,9</i>	<i>109,0</i>	<i>104,5</i>	<i>109,2</i>	<i>×</i>

¹ The compilations are made in line with the *Methodological explanations on the updated version of the SNA 2008* (SSSU Decree 398 of December 17, 2013)

4.2. Structure of population income in 2021*(percent)***4.3. Structure of population expenditure and savings in 2021***(percent)*

INCOME AND LIVING CONDITIONS

4.4. Population income, by region¹

(mln. UAH)

	2020			2021			2022		
	income	available income		income	available income		income	available income	
		total	per capita, UAH		total	per capita, UAH		total	per capita, UAH
Ukraine	4045191	3117891	74688	4863519	3725498	90036	...	...	...
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
oblasts									
Vinnysya	138552	109054	70939	164892	131077	86274	...	...	...
Volyn	77720	59677	57973	93685	71769	70061	...	...	...
Dnipropetrovsk	384511	299515	94804	452155	352743	113085	...	...	...
Donetsk	210207	173775	42219	244546	200797	49217	...	...	...
Zhytomyr	102465	80108	66651	121614	94183	79328	...	...	...
Zakarpattya	84270	65579	52379	97918	75319	60386	...	...	...
Zaporizhzhya	178172	139710	83309	209254	161818	97924	...	...	...
Ivano-Frankivsk	106202	83361	61088	125265	97589	71944	...	...	...
Kyiv	186594	143273	80274	230917	176978	98771	...	...	...
Kirovohrad	76911	59775	64510	90666	69874	76623	...	...	...
Luhansk	71087	58056	27274	83940	68059	32223	...	...	...
Lviv	235055	183089	73092	286669	222523	89441	...	...	...
Mykolayiv	99040	77858	69884	119175	94142	85575	...	...	...
Odesa	245164	194579	82007	296187	228543	96851	...	...	...
Poltava	138898	108707	78813	167228	130430	95770	...	...	...
Rivne	88077	68294	59350	105032	81104	70826	...	...	...
Sumy	96629	76337	71955	116265	91310	87410	...	...	...
Ternopil	74502	57706	55776	90012	69230	67467	...	...	...
Kharkiv	263215	200899	75923	321587	242661	92746	...	...	...
Kherson	83199	65277	63853	99237	77232	76532	...	...	...
Khmelnyskiy	105067	81711	65411	126311	97050	78500	...	...	...
Cherkasy	99767	76863	64852	121741	93117	79621	...	...	...
Chernivtsi	62695	48711	54178	74630	57301	64130	...	...	...
Chernihiv	82929	64762	65815	98820	74321	76777	...	...	...
cities									
Kyiv	754263	541215	182547	925773	666328	225321	...	...	...
Sevastopol	...	...	...	...	...	...	...	...	...

¹ See the footnote to Table 4.1

INCOME AND LIVING CONDITIONS

4.5. Average monthly pension¹

(source: by Pension Fund of Ukraine; as of January 1)

	2001	2006	2011	2016	2019	2020	2021	2022	2023
Average monthly pensions payable to pensioners from the Pension Fund of Ukraine, UAH	83,7	406,8	1151,9	1699,5	2645,7	3083,0	3507,5	3991,5	4622,6
including									
old age	85,2	417,7	1156,0	1690,3	2648,2	3064,8	3539,0	3944,8	4523,0
disability	94,5	393,2	1033,8	1545,2	2118,6	2641,1	2859,5	3269,8	3790,7
of which									
due to accident at work or occupational disease	89,7	280,5	824,7	1193,0	1752,7	1730,0	1822,0	1986,3	2127,3
1 st group	99,8	290,2	771,7	1102,2	2163,0	1675,0	1805,0	1928,6	2125,0
2 nd group	89,3	290,3	796,4	1131,5	2080,3	1636,2	1783,3	1934,1	2120,9
3 rd group	88,7	277,8	831,8	1206,4	1664,2	1747,6	1830,2	1999,6	2128,7
to survivors who lost their benefactor	61,0	302,8	940,0	1640,3	2491,5	2916,5	3249,9	3730,7	4416,9
of which									
to families of employees and agricultural workers who lost their benefactor	58,8	299,1	912,2	1417,8	2160,0	2618,7	2927,0	3308,4	3898,2
long service	105,8	443,9	1719,1	2282,4	3970,6	4500,5	4763,3	6442,9	8104,9
entitled welfare pensions	43,7	339,6	744,8	1099,0	1499,6	1644,3	1786,1	1955,7	2140,0

¹ Since the beginning of 2006 and onward, including compensation paid and target aid as provided by current legislation. Since the beginning of 2011, the average pension size apart of age pension, due to accident at work or occupational disease, to families of employees and agricultural workers who lost their benefactor, entitled welfare pensions categories include the pensioners to whom the pensions are assigned and paid by the Ukraine's Pension Fund bodies according to Ukraine's law On pension fund scheme for persons who quit the military and some other persons

INCOME AND LIVING CONDITIONS

4.6. Differentiation of household living standards¹

	Quintile coefficient for differentiating the population income ² , times		Ratio of income of richest and poorest 20% population, times	
	money	total	money	total
2000	2,6	2,2	5,4	4,1
2005	2,1	2,1	4,1	3,6
2010	2,1	1,9	4,0	3,5
2015	2,0	1,9	3,5	3,2
2016	2,0	1,9	3,4	3,0
2017	2,1	1,9	3,6	3,3
2018	2,2	2,0	3,8	3,3
2019	2,3	2,1	3,9	3,5
2020	2,2	2,0	3,7	3,5
2021	2,2	2,1	3,7	3,5
2022	...	...	...	...

¹ Data of the household living condition survey

² Since 2007, behind the research of the population (households) differentiation by level of material wellbeing are the indicators of monetary and total income (in 2000/2006 the indicators of monetary and aggregated expenditure were used as criteria of differentiation). Since 2011, while calculating per capita indicators as well as indicators of (households) population differentiation by level of material well being according to modern-international practice, the equivalency scale was launched. To ensure the comparisons of indicators in time series, the re-calculation of data for 2000/2010 was made taking into account the equivalence scale and the usage of income indicators as differentiation criteria

INCOME AND LIVING CONDITIONS

4.7. Households, by size and number of children

(percent)

	2020			2021			2022		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
All households	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including households consisting of									
one person	19,0	17,6	21,9	18,2	17,2	20,1	...	...	...
two persons	34,5	35,7	32,0	35,4	36,3	33,7	...	...	...
three persons	26,5	29,0	21,2	26,6	29,1	21,5	...	...	...
four persons	13,0	12,6	13,9	12,5	11,8	13,9	...	...	...
five and more persons	7,0	5,1	11,0	7,3	5,6	10,8	...	...	...
Average household size, persons	2,58	2,53	2,67	2,58	2,53	2,67	...	...	...
Percentage of households with children aged under 18	37,7	39,2	34,7	37,8	39,3	34,5	...	...	...
Percentage of households without children	62,3	60,8	65,3	62,2	60,7	65,5	...	...	...
Of total households, percentage of households with children aged							...	...	...
under 3	6,0	6,2	5,5	4,9	4,9	4,7	...	...	...
under 7	15,4	16,7	12,8	14,1	15,7	10,7	...	...	...
under 14	29,5	31,5	25,1	30,1	32,8	24,4	...	...	...
under 16	34,0	35,7	30,3	34,1	36,0	30,2	...	...	...

4.8. Households with children, by number of children

(percent)

	2020			2021			2022		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
All households with children	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including households with									
one child	79,2	80,2	76,9	79,3	79,6	78,5	...	...	...
two children	18,7	18,2	19,9	18,8	19,1	18,1	...	...	...
three children	1,8	1,3	2,9	1,6	1,1	3,0	...	...	...
four or more children	0,3	0,3	0,3	0,3	0,2	0,4	...	...	...

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4.9. Population, by per capita equivalent money income

(percent)

	2020			2021			2022		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total population	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Monthly average per capita equivalent money income, UAH									
under 3000,0	12,5	9,5	18,6	6,9	4,1	12,4	...	...	...
3000,1–4000,0	19,7	17,2	24,6	14,2	11,3	20,0	...	...	...
4000,1–5000,0	21,7	21,7	21,6	16,6	16,1	17,4	...	...	...
5000,1–6000,0	15,4	15,5	15,3	16,5	15,4	18,6	...	...	...
6000,1–7000,0	9,5	10,5	7,5	12,3	13,7	9,6	...	...	...
7000,1–8000,0	7,5	8,9	4,5	10,0	11,3	7,5	...	...	...
8000,1–9000,0	4,4	5,1	2,8	6,8	7,3	5,4	...	...	...
9000,1–10000,0	2,5	2,8	1,7	5,8	6,9	3,8	...	...	...
10000,1–11000,0	2,2	2,7	1,2	3,3	4,3	1,5	...	...	...
11000,1–12000,0	1,6	2,0	0,9	2,1	2,7	1,0	...	...	...
over 12000,0	3,0	4,1	1,3	5,5	6,9	2,8	...	...	...
Quintile differentiation									
coefficient of cash income of the population, times	2,2	2,1	2,0	2,2	2,1	2,2	...	...	...
Ratio of money income richest and poorest 20% population (quintile coefficient for funds), times									
	3,7	3,7	3,4	3,7	3,5	3,6	...	...	...

INCOME AND LIVING CONDITIONS

4.10. Households, by per capita equivalent money income

(percent)

	2020			2021			2022		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
All households	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Monthly average per capita equivalent money income, UAH									
under 3000,0	12,5	9,7	18,5	7,3	4,8	12,6	...	...	...
3000,1–4000,0	20,0	17,4	25,3	14,4	11,7	20,1	...	...	...
4000,1–5000,0	20,3	20,2	20,4	16,3	15,6	17,7	...	...	...
5000,1–6000,0	14,4	14,5	14,2	15,6	15,0	16,9	...	...	...
6000,1–7000,0	9,6	10,4	7,7	11,5	12,6	9,3	...	...	...
7000,1–8000,0	7,6	9,0	4,9	10,0	11,0	7,7	...	...	...
8000,1–9000,0	4,9	5,6	3,2	6,8	7,4	5,4	...	...	...
9000,1–10000,0	2,9	3,5	1,9	5,7	6,6	3,7	...	...	...
10000,1–11000,0	2,3	2,8	1,3	3,2	4,0	1,7	...	...	...
11000,1–12000,0	1,8	2,2	0,9	2,4	2,9	1,5	...	...	...
over 12000,0	3,7	4,7	1,7	6,8	8,4	3,4	...	...	...

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4.11. Structure of household money expenditure

(average monthly per one household)

	2020			2021			2022		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total money expenditure, UAH	8883,8	9469,5	7658,7	10558,2	11183,2	9245,4	...	...	...
	Percent								
Consumption money expenditure	90,1	92,2	84,5	90,1	92,2	84,7	...	...	...
food products (including catering outside home, alcoholic beverages and tobacco)	49,1	50,5	45,4	46,6	48,0	43,1	...	...	...
manufactured goods and services	41,0	41,7	39,1	43,5	44,2	41,6	...	...	...
Monetary support to relatives, friends and other persons	2,9	2,6	3,5	2,8	2,5	3,5	...	...	...
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	7,0	5,2	12,0	7,1	5,3	11,8	...	...	...

4.12. Population, by total per capita equivalent income

(percent)

	2020			2021			2022		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total population	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Monthly average per capita equivalent total income, UAH									
under 3000,0	8,3	7,3	10,2	4,5	3,4	6,8	...	...	...
3000,1–4000,0	17,8	16,8	19,8	11,2	10,1	13,4	...	...	...
4000,1–5000,0	21,6	21,2	22,5	15,8	14,8	17,9	...	...	...
5000,1–6000,0	17,6	16,8	19,1	17,7	16,8	19,6	...	...	...
6000,1–7000,0	11,5	11,2	12,1	14,2	13,7	15,3	...	...	...
7000,1–8000,0	7,9	9,3	5,1	10,1	11,3	7,7	...	...	...
8000,1–9000,0	5,1	5,1	5,0	7,9	8,0	7,6	...	...	...
9000,1–10000,0	2,8	3,3	2,1	6,4	7,0	5,0	...	...	...
10000,1–11000,0	2,2	2,5	1,5	3,7	4,5	1,9	...	...	...
11000,1–12000,0	1,8	2,3	0,7	2,4	2,9	1,4	...	...	...
over 12000,0	3,4	4,2	1,9	6,1	7,5	3,4	...	...	...
Quintile differentiation coefficient of total income of the population, times	2,0	2,1	1,9	2,1	2,1	2,0	...	...	...
Ratio of total income richest and poorest 20% population (quintile coefficient for funds), times	3,5	3,6	3,1	3,5	3,5	3,3	...	...	...

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4.13. Households, by total per capita equivalent income

(percent)

	2020			2021			2022		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
All households	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Monthly average per capita equivalent total income, UAH									
under 3000,0	8,2	7,4	9,8	4,6	3,7	6,5	...	...	...
3000,1–4000,0	17,8	16,7	20,0	11,6	10,6	13,6	...	...	...
4000,1–5000,0	21,1	20,2	23,0	15,8	14,6	18,4	...	...	...
5000,1–6000,0	16,3	15,7	17,6	17,0	16,2	18,6	...	...	...
6000,1–7000,0	11,3	11,2	11,5	13,3	12,9	14,1	...	...	...
7000,1–8000,0	8,1	9,3	5,6	9,9	10,9	7,7	...	...	...
8000,1–9000,0	5,6	5,7	5,3	8,0	8,2	7,6	...	...	...
9000,1–10000,0	3,3	3,6	2,6	6,0	6,5	5,1	...	...	...
10000,1–11000,0	2,4	2,8	1,7	3,8	4,5	2,5	...	...	...
11000,1–12000,0	1,9	2,6	0,7	2,6	3,0	1,7	...	...	...
over 12000,0	4,0	4,8	2,2	7,4	8,9	4,2	...	...	...

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4.14. Structure of total household expenditure

(average monthly per one household)

	2020			2021			2022		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total expenditure, UAH	9523,6	9820,1	8903,3	11243,4	11564,6	10568,5	...	...	...
	Percent								
Total consumer expenditure	91,4	92,0	89,6	91,3	92,1	89,4	...	...	...
food products (including catering outside home, alcoholic beverages and tobacco)	52,7	51,0	55,7	50,1	48,7	52,8	...	...	...
manufactured goods and services	38,7	41,0	33,9	41,2	43,4	36,6	...	...	...
payment for housing, communal products and services	12,9	14,6	9,0	13,8	15,4	10,1	...	...	...
of which							...	...	...
sum of benefits and subsidies	0,1	0,2	0,1	0,1	0,1	0,1	...	...	...
Non-consumption total expenditure	8,6	8,0	10,4	8,7	7,9	10,6	...	...	...

4.15. Structure of household money income

(average monthly per one household)

	2020			2021			2022		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total money income, UAH	11670,6	12341,7	10267,0	13616,5	14438,6	11889,7	...	...	...
	Percent								
Labour remuneration	62,0	66,1	51,7	63,5	67,6	53,5	...	...	...
Income from entrepreneurship and self-employment	6,1	6,3	5,6	6,0	6,5	4,9	...	...	...
Income from sales of agricultural products	2,3	0,2	7,5	2,7	0,2	8,9	...	...	...
Cash pensions, stipends and benefits	22,3	21,5	24,5	21,3	20,5	23,1	...	...	...
Monetary support from relatives and other individuals and other money income	7,3	5,9	10,7	6,5	5,2	9,6	...	...	...

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4.16. Structure of household total resources

(average monthly per one household)

	2020			2021			2022		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total resources, UAH	12432,3	12805,8	11651,1	14490,6	15001,4	13417,6	...	...	...
	Percent								
Money income	93,9	96,4	88,1	93,9	96,2	88,6	...	...	...
labour remuneration	58,3	63,8	45,7	59,8	65,0	47,4	...	...	...
income from entrepreneurship and self-employment	5,8	6,1	5,0	5,7	6,3	4,4	...	...	...
income from sales of agricultural products	2,2	0,2	6,6	2,5	0,2	7,9	...	...	...
cash pensions, stipends and benefits	20,8	20,6	21,3	19,8	19,7	20,4	...	...	...
monetary support from relatives and other individuals and other money income	6,8	5,7	9,5	6,1	5,0	8,5	...	...	...
Value of consumed products that were produced at private subsistence farms or individually procured	3,3	0,7	9,1	3,0	0,8	8,3	...	...	...
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,2	0,2	0,2	0,1	0,1	0,1	...	...	...
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and communication services	0,2	0,2	0,0	0,3	0,4	0,1	...	...	...
Other receipts	2,4	2,5	2,6	2,7	2,5	2,9	...	...	...

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4.17. Foodstuffs consumed by households

(average monthly per capita; kg)

	2020			2021			2022		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		in urban	in rural		in urban	in rural		in urban	in rural
Meat and meat products	5,2	5,4	4,6	5,1	5,4	4,6	...	...	...
Milk and dairy products	18,9	18,8	19,2	18,8	19,0	18,5	...	...	...
Eggs, pcs	19	20	19	19	19	18	...	...	...
Fish and fish products	1,4	1,3	1,4	1,4	1,4	1,4	...	...	...
Sugar	2,4	2,3	2,8	2,3	2,1	2,6	...	...	...
Sunflower-seed oil and other vegetables oils	1,4	1,3	1,5	1,3	1,2	1,4	...	...	...
Potatoes	6,0	4,9	7,7	5,8	4,7	7,6	...	...	...
Vegetables, melons and gourds	8,7	8,5	9,2	8,5	8,3	9,0	...	...	...
Fruit, berries, nuts and grapes	3,7	4,3	2,7	3,9	4,5	2,8	...	...	...
Bread and bakery products	8,0	7,3	9,5	7,6	7,0	8,9	...	...	...

4.18. Foodstuffs consumed by households, by quintile (20%) group and total per capita equivalent income

(average monthly per capita; kg)

	2021					
	all house-holds	including by quintile (20%) groups				
		first	second	third	fourth	fifth
Meat and meat products	5,1	3,9	4,7	5,3	5,5	6,1
Milk and dairy products	18,8	14,6	17,6	19,2	20,1	22,8
Eggs, pcs	19	16	18	19	20	20
Fish and fish products	1,4	1,0	1,3	1,3	1,5	1,6
Sugar	2,3	2,0	2,3	2,4	2,4	2,5
Sunflower-seed oil and other vegetables oils	1,3	1,2	1,3	1,3	1,3	1,3
Potatoes	5,8	5,7	5,8	6,0	5,7	5,3
Vegetables, melons and gourds	8,5	7,2	8,2	8,7	9,1	9,9
Fruit, berries, nuts and grapes	3,9	2,5	3,5	3,8	4,2	5,4
Bread and bakery products	8,0	8,0	8,4	7,7	8,1	7,8

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Table 4.18 continued

	2022					
	all house- holds	including by quintile (20%) groups				
		first	second	third	fourth	fifth
Meat and meat products	...	...	...	...	...	...
Milk and dairy products	...	...	...	...	...	...
Eggs, pcs	...	...	...	...	...	...
Fish and fish products	...	...	...	...	...	...
Sugar	...	...	...	...	...	...
Sunflower-seed oil and other vegetables oils	...	...	...	...	...	...
Potatoes	...	...	...	...	...	...
Vegetables, melons and gourds	...	...	...	...	...	...
Fruit, berries, nuts and grapes	...	...	...	...	...	...
Bread and bakery products	...	...	...	...	...	...

4.19. Foodstuffs consumed

(per capita per year; kg)

	2000	2005	2010	2015	2018	2019	2020	2021	2022
Meat and meat products	33	39	52	51	53	54	54	53	...
Milk and dairy products	199	226	206	210	198	201	202	202	...
Eggs, pcs	166	238	290	280	275	282	278	272	...
Fish and fish products	8,4	14,4	14,5	8,6	11,8	12,5	12,4	13,2	...
Sugar	37	38	37	36	30	29	28	29	...
Oil	9,4	13,5	14,8	12,3	11,9	12,0	12,3	13,6	...
Potatoes	135	136	129	138	139	136	134	132	...
Vegetables, melons and gourds	102	120	144	161	164	165	164	166	...
Fruit, berries and grapes	29	37	48	51	58	59	57	59	...
Bakery products	125	124	111	103	100	98	97	93	...

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4.20. Consumed nutrients¹

(per capita per day)

	2000	2005	2010	2015	2018	2019	2020	2021	2022
Calories, kcal	2661	2916	2933	2799	2706	2691	2674	2677	...
Proteins, g	78,6	86,0	87,5	84,3	84,3	84,3	83,9	82,3	...
Fat, g	71,7	89,7	99,2	92,0	90,8	91,8	92,7	95,2	...
Calcium, mg	825	927	893	904	872	879	880	879	...
Iron, mg	19,4	20,5	20,5	20,2	20,2	19,9	19,7	19,4	...
Retinol, µg	1004	1156	1088	1093	1034	1049	1055	1051	...
Equivalent of beta-carotene, µg	1472	1735	2035	2260	2297	2310	2301	2328	...
Equivalent of retinol and beta-carotene (RET+ ¹ / ₆ B-CAREQ), µg	1249	1446	1427	1470	1418	1435	1440	1440	...
Thiamine, mg	1,81	1,90	1,88	1,83	1,80	1,80	1,80	1,80	...
Riboflavin, mg	2,27	2,51	2,55	2,56	2,60	2,60	2,60	2,60	...
Niacin, mg	16,8	17,9	18,8	18,4	18,6	18,5	18,4	18,1	...
Ascorbic acid, mg	100	111	121	130	136	135	133	135	...

¹ The calculations are based on the information about the content of micro and macroelements in the principle animal and vegetable food products (including alcohol and soft drinks) provided by the Scientific Research Institute for Healthy Nutrition under Ministry of Health Care of Ukraine. Since 2005 the protein contents based on the structure for the consumption of meat products by type in per capita terms has been revised

4.21. Availability of selected durable goods¹ in households²

(average per 100 households; pcs)

	2000	2005	2010	2014	2016	2018	2020	2022
Refrigerators and freezers	94	99	109	117	119	124	133	...
Washing machines	74	77	85	88	88	91	93	...
Vacuum cleaners	56	62	75	79	77	81	83	...
Colour TV sets	69	91	110	119	115	116	118	...
Computers, plane-tablets, notebooks, netbook ³	1	9	31	63	80	90	98	...
Microwaves multicooker ³	1	9	33	49	49	54	71	...
Kitchen combine	3	5	10	16	15	17	18	...
Conditioners	0	1	6	10	9	12	16	...
Satellite antennas	0	1	13	23	26	31	29	...
Sewing machines	48	35	28	25	23	21	22	...
Motorbikes, bicycles and scooters	43	44	47	52	53	57	67	...
Motorcycles, snowmobiles	7	4	2	2	2	2	2	...
Cars, minibuses ³	17	16	21	23	23	25	30	...
Mobile phones	...	44	167	197	201	203	231	...

¹ Since 2010, the polling of households regarding the availability of durables in them is conducted once every two years

² Estimates of availability of durables in households are based on sample poll and cover all present durables irrespective of period of their use, their source (purchase, gift, etc), condition (in working condition or broken goods under current repair or awaiting repair)

³ Since 2020, it is included in the list of goods

INCOME AND LIVING CONDITIONS

4.22. Distribution of households by access to the Internet

	2020			2021			2022		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total number of households, thsd.	14783,3	10002,2	4782,1	14678,1	9944,0	4734,1	...	...	...
Share of households that have access to the Internet at home	79,2	85,6	66,0	82,7	87,4	72,8	...	...	...
Share of persons ¹ who informed about using the Internet services during the last 12 months	75,5	81,0	64,3	79,5	83,7	71,3	...	...	...
of which by the place of usage ² , percent							...	...	...
home	85,0	89,8	76,0	85,8	89,9	76,2	...	...	...
office	18,4	20,6	12,6	17,7	20,4	11,3	...	...	...
training	10,1	10,0	10,2	10,6	10,5	10,8	...	...	...
community center with access to the Internet	0,4	0,3	0,6	0,3	0,4	0,0	...	...	...
commercial center with access to the Internet	0,1	0,1	0,0	0,1	0,0	0,1	...	...	...
any place via mobile phone	79,4	79,4	79,5	85,1	85,3	84,7	...	...	...
any place via other device with mobile access	0,7	0,6	0,9	0,5	0,5	0,3	...	...	...
other places (at friends and acquaintances)	8,4	8,0	9,2	6,6	6,0	8,1	...	...	...

¹ Information presents the persons that resides in non-institutional (private) households

² Distribution can surpass in total 100% since one person can use the Internet at several locations

INCOME AND LIVING CONDITIONS

4.23. Distribution of the population by purpose of the Internet services usage

(percent)

	2020			2021			2022		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total number of the population	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Share of persons ¹ who informed about using the Internet during the last 12 months	75,5	81,0	64,3	79,5	83,7	71,3	...	...	...
of which for the purpose of ² , percent							...	...	...
sending (receiving) e-mail	33,1	35,9	25,9	35,1	39,2	25,6	...	...	...
interaction with public authorities	3,3	3,7	2,4	4,3	5,3	2,2	...	...	...
training and education	22,0	21,3	24,0	19,3	19,1	19,5	...	...	...
on-line reading/downloading newspapers, magazines	19,8	20,3	18,6	21,4	21,5	21,2	...	...	...
downloading movies, images, music; watching TV or video, etc	71,5	70,9	73,0	72,8	72,0	74,6	...	...	...
downloading software	4,1	4,6	2,8	3,4	3,5	3,2	...	...	...
phone talks via the Internet/Volp (Skype, iTalk, via web camera)	34,4	34,6	33,8	37,3	37,6	36,7	...	...	...
communication	59,3	57,8	63,1	61,1	58,4	67,4	...	...	...
banking servicing	36,2	40,8	24,5	42,2	47,8	29,1	...	...	...
search for the information connected with the health issues both for oneself and other persons	27,8	28,9	25,0	26,7	26,0	28,3	...	...	...
ordering (purchasing) goods and services	20,7	20,8	20,3	20,6	20,9	19,9	...	...	...
obtaining information on goods and services not named earlier	4,5	4,8	4,0	4,6	5,1	3,4	...	...	...

¹ See the first footnote to Table 4.22

² See the second footnote to Table 4.22

5. EDUCATION

The section contains statistical data on institutions of pre-school, general secondary, vocational (vocational technical), tertiary and professional pre-tertiary education, training of post-graduates and doctoral students.

Pre-school educational institution is an educational institution that ensures the child's right to get the pre-school education, its physical, mental and spiritual development, social adaptation and availability to continue the education.

General secondary educational institution is an educational institution whose main type of activity is educational activity in the sphere of general secondary education.

Professional (vocational and technical) educational institution is an educational institution that ensures the implementation of citizens' needs for professional (vocational and technical) education, acquiring trade jobs, professions, qualifications according to their interests, abilities, health status.

Tertiary educational institution is a separate type of institution, which is a legal person of private or public law and acts according to the license issued for educational activities at certain levels of tertiary education. It conducts the scientific, scientific and technical, innovation and/or

methodic activity, ensures the organisation of educational process and getting tertiary education by persons, as well as postgraduate education with due regard to their inclinations, interests and abilities.

Institution of professional pre-tertiary education (IPPTE) is an educational institution whose main type of activity is the educational activity in the sphere of professional pre-tertiary education.

The production of statistical information about the network and activities of institutions of professional pre-tertiary education was launched since 2020/2021 school year taking into account the provisions of Ukraine's law *On professional pre-tertiary education*.

Getting education implies educates, pupils, students, cadets, attendees, trainees, postgraduate students, junior scientific assistants, other persons who get education in line with any type or form of education.

The postgraduates are trained by tertiary educational institutions and scientific institutions.

Postgraduate is a person enrolled to tertiary educational institution (scientific institution) to get a Ph.D./Doctor of Arts degree.

EDUCATION

5.1. Pre-school educational institutions

(end of year)

	2000	2005	2010	2015	2017	2018	2019	2020 ¹	2021 ²	2022 ²
Total institutions, thsd. ³	16,3	15,1	15,6	14,8	14,9	14,9	14,8	15,3	15,0	13,9
in urban areas	7,4	6,7	6,7	5,7	5,8	5,8	5,8	6,1	6,0	5,7
in rural areas	8,9	8,4	8,9	9,1	9,1	9,1	9,0	9,2	9,0	8,2
Enrollment capacity of the institutions, thsd. places ⁴	1117	1056	1136	1105	1141	1156	1155	1153	1138	1047
in urban areas	832	773	821	772	794	806	806	810	800	745
in rural areas	285	283	315	333	347	350	349	343	338	302
Total children at the institutions, thsd.	983	1032	1273	1291	1304	1278	1230	1151	1111	934
in urban areas	824	840	1012	981	985	969	936	885	847	711
in rural areas	159	192	261	310	319	309	294	266	264	223
Percentage of total children of the specified age attending pre-school	40	51	53	55	59	61	63	63	65	53 ⁵
in urban areas	52	64	64	64	68	71	73	75	78	62 ⁵
in rural areas	18	27	32	40	42	43	43	42	43	35 ⁵
Children at the institutions per 100 places ⁶	88	98	112	114	112	108	105	98	96	88
in urban areas	99	109	123	126	123	119	115	108	105	95
in rural areas	56	68	82	87	86	83	80	73	74	70

¹ Information was compiled according to data from the State Information System for Education provided by the State Scientific Institution *Institute for Educational Analytics* of the Ministry of Education and Science of Ukraine

² Data by the Ministry of Education and Science of Ukraine

³ In 2000–2014 and in 2020–2022, included are institutions of pre-school education that did not work during a year and more for any reason; in 2015–2019, institutions that worked during a year

⁴ In 2000–2014, excluding places in pre-school educational institutions which did not work during a year or more for some reason

⁵ The compilation includes data on the total number of pupils of pre-school education institutions including children covered by social and pedagogical patronage and resident population of Ukraine as of January 1, 2022

⁶ Since 2010, excluding children at short-stay groups

EDUCATION

5.2. Pre-school educational institutions, by region

	Total institution, units						Enrollment, thsd.					
	2000	2005	2010	2015	2020 ¹	2022 ²	2000	2005	2010	2015	2020 ¹	2022 ²
Ukraine	16347	15058	15628	14813	15335	13875	983,0	1031,7	1272,7	1291,2	1150,5	934,4
Autonomous Republic of Crimea	684	613	607	...	...	...	36,3	40,3	51,8	...	...	...
oblasts												
Vinnitsya	695	644	704	777	786	712	37,8	39,0	46,3	56,2	48,8	44,3
Volyn	305	355	444	483	488	485	17,0	23,1	31,7	37,9	33,5	29,0
Dnipropetrovsk	1115	954	939	964	1003	973	81,3	82,3	99,3	113,9	96,4	80,3
Donetsk	1402	1155	1144	559	568	340	107,0	105,7	125,0	55,1	45,7	21,2
Zhytomyr	482	575	644	687	668	626	28,4	29,8	38,7	46,6	40,6	34,8
Zakarpattia	505	506	532	572	598	601	20,1	26,9	35,5	47,5	39,6	34,6
Zaporizhzhya	655	544	526	522	538	372	44,2	44,4	52,3	57,4	48,7	33,0
Ivano-Frankivsk	285	283	334	402	464	466	17,5	20,0	27,6	33,6	33,9	31,5
Kyiv	776	710	682	735	806	784	44,5	44,9	56,8	69,8	68,0	58,9
Kirovohrad	566	505	530	508	486	440	23,5	24,0	27,6	32,6	26,5	22,7
Luhansk	644	576	528	237	270	c	41,4	42,8	50,9	15,0	13,6	c
Lviv	483	478	589	783	876	929	34,9	40,8	57,1	70,3	68,9	65,0
Mykolayiv	541	517	552	568	555	510	28,9	29,3	36,1	42,4	34,9	26,9
Odesa	735	743	744	756	851	820	45,4	51,7	62,9	74,6	69,4	57,5
Poltava	747	599	562	619	634	599	36,3	34,3	40,1	47,9	41,0	34,8
Rivne	263	265	397	510	555	517	18,2	22,3	32,8	41,1	37,8	34,2
Sumy	590	415	495	516	461	408	29,9	28,5	34,5	37,3	31,2	26,1
Ternopil	474	499	506	577	602	571	19,1	21,6	26,4	31,8	28,0	23,9
Kharkiv	742	612	633	712	753	728	55,1	55,4	67,9	79,0	74,1	57,6
Kherson	561	487	493	468	470	c	26,6	27,1	34,3	37,7	31,3	c
Khmelnyskiy	757	806	815	784	749	682	34,1	36,6	42,3	46,8	42,2	37,8
Cherkasy	791	691	696	664	617	590	36,1	35,8	39,4	43,2	35,1	30,2
Chernivtsi	252	309	353	379	385	390	15,3	21,2	27,4	32,2	28,3	25,6
Chernihiv	520	461	414	435	441	402	21,9	22,7	26,1	31,1	26,9	20,5
cities												
Kyiv	687	671	679	596	711	723	72,2	70,6	89,3	110,2	106,1	90,1
Sevastopol	90	85	86	...	...	...	10,0	10,6	12,6	...	...	...

¹ See the first footnote to Table 5.1

² See the second footnote to Table 5.1

EDUCATION

5.3. Children enrolled in pre-school educational institutions, by region

(percent)

	2000	2005	2010	2015	2017	2018	2019	2020 ¹	2021 ²	2022 ²		
										total	in urban areas	in rural areas
Ukraine	40	51	53	55	59	61	63	63	65	53	62	35
Autonomous Republic of Crimea	37	48	48	...	...	...	...	...	...	...	...	...
oblasts												
Vinnitsya	38	51	55	65	69	71	72	70	74	67	92	42
Volyn	24	38	45	52	55	57	58	56	58	50	74	31
Dnipropetrovsk	48	58	57	63	65	67	68	68	71	60	66	37
Donetsk	53	62	61	... ³	... ³	... ³	... ³	... ³	... ³	... ³	... ³	... ³
Zhytomyr	35	47	55	66	69	71	72	72	74	63	78	42
Zakarpattia	25	37	42	53	56	57	58	55	53	48	60	41
Zaporizhzhya	49	59	59	64	66	67	68	69	70	47	58	15
Ivano-Frankivsk	20	28	34	40	44	47	50	49	51	48	76	29
Kyiv	48	59	60	67	70	72	72	70	71	60	66	51
Kirovohrad	39	53	55	62	67	69	70	68	70	62	78	38
Luhansk	39	51	50	... ³	... ³	... ³	... ³	... ³	... ³	... ³	... ³	... ³
Lviv	23	33	41	49	52	54	55	55	58	55	75	30
Mykolayiv	43	55	59	68	71	73	72	72	74	56	64	41
Odesa	37	49	47	54	56	57	58	58	59	47	56	33
Poltava	45	56	58	69	70	72	74	72	72	63	81	38
Rivne	23	32	41	54	57	60	62	60	59	50	76	33
Sumy	49	60	66	73	76	77	80	79	80	69	82	40
Ternopil	29	41	45	54	58	59	60	59	62	52	72	36
Kharkiv	46	53	54	62	64	67	68	69	72	53	58	31
Kherson	40	52	59	67	68	70	69	65	65	26	36	12
Khmelnyskiy	43	59	61	65	68	71	72	72	74	68	89	40
Cherkasy	49	65	66	70	73	74	75	74	77	68	83	48
Chernivtsi	26	45	53	57	60	62	62	60	62	56	78	43
Chernihiv	39	50	54	65	68	70	72	73	73	58	72	31
cities												
Kyiv	63	65	59	65	63	63	62	63	65	55	55	×
Sevastopol	63	68	62	...	...	...	...	...	...	...	...	...

¹ See the first footnotes to Table 5.1

² See the second and fifth footnotes to Table 5.1

³ Information is not released due to low reliability of data used to make calculations

EDUCATION

5.4. Children in pre-school educational institutions, by language of instruction and region

	Number of children ¹ , end of 2022		Share of children, who education in Ukrainian, percent					
	total	including education in Ukrainian	2000	2005	2010	2015	2020 ²	2022 ¹
Ukraine	934355	927144	78,0	84,2	85,9	94,2	97,9	99,2
Autonomous Republic of Crimea	...	...	2,8	3,6	3,3	...	...	...
oblasts								
Vinnitsya	44332	44332	100,0	99,9	100,0	100,0	100,0	100,0
Volyn	29030	29030	100,0	100,0	100,0	100,0	100,0	100,0
Dnipropetrovsk	80328	80328	84,5	89,2	90,6	93,0	97,9	100,0
Donetsk	21158	21158	34,5	65,9	73,7	86,1	98,0	100,0
Zhytomyr	34761	34761	99,8	100,0	100,0	100,0	100,0	100,0
Zakarpattia	34647	30926	90,2	88,6	89,6	88,4	87,6	89,3
Zaporizhzhya	32956	32886	62,9	77,4	84,0	84,7	96,9	99,8
Ivano-Frankivsk	31473	31473	100,0	100,0	100,0	100,0	100,0	100,0
Kyiv	58922	58922	99,6	99,9	99,9	99,9	99,9	100,0
Kirovohrad	22651	22651	98,2	99,2	99,2	99,4	99,4	100,0
Luhansk	c	c	19,7	35,6	37,6	59,1	91,7	c
Lviv	65015	64949	99,7	99,9	99,8	99,8	99,8	99,9
Mykolayiv	26870	26870	90,4	96,2	95,9	96,8	99,4	100,0
Odesa	57506	57228	62,9	72,9	77,8	73,5	91,7	99,5
Poltava	34760	34760	98,3	99,1	98,8	99,6	100,0	100,0
Rivne	34219	34219	99,9	100,0	100,0	100,0	100,0	100,0
Sumy	26122	26122	97,7	97,5	98,7	99,3	100,0	100,0
Ternopil	23899	23899	100,0	100,0	100,0	100,0	100,0	100,0
Kharkiv	57585	57585	82,7	88,7	88,7	88,6	95,2	100,0
Kherson	c	c	83,2	86,3	87,4	88,2	99,5	c
Khmelnyskiy	37819	37788	99,9	99,9	99,96	100,0	99,9	99,9
Cherkasy	30195	30195	99,9	99,9	100,0	100,0	100,0	100,0
Chernivtsi	25604	22562	93,6	91,3	91,5	90,1	88,5	88,1
Chernihiv	20475	20475	99,5	99,9	99,9	100,0	100,0	100,0
cities								
Kyiv	90091	90088	99,9	99,9	99,9	99,9	99,8	99,99
Sevastopol	...	...	1,6	2,0	4,4	...	...	...

¹ See the second footnote to Table 5.1

² See the first footnote to Table 5.1

At the end of 2022, 3,6 thsd. children in multi-national regions were taught in Hungarian, 3,1 thsd. in Romanian, 188 children in English, 104 in Moldavian, 97 in Polish, 94 in Russian and 28 in Slovak languages.

EDUCATION

5.5. Institutions of general secondary, tertiary and professional pre-tertiary education in 1914-2022

(beginning of academic year)

	General secondary educational institutions ¹		Tertiary educational institution			
			colleges, technical secondary schools, vocational schools ²		universities, academies, institutes ³	
	total	pupils, thsd.	total	students, thsd.	total	students, thsd.
1914/15	26069	2607	88	13	27	35
1940/41	32132	6830	693	196	173	197
1950/51	35961	7134	584	228	160	202
1955/56	34216	5882	635	375	134	326
1960/61	37660	6722	595	398	135	418
1965/66	34613	8671	697	646	132	690
1970/71	29791	8414	760	798	138	807
1975/76	25680	8063	730	784	142	831
1980/81	23042	7516	727	803	147	880
1985/86	21927	7249	731	809	146	853
1990/91	21825	7132	742	757	149	881
1995/96	22255	7143	782	618	255	923
2000/01	22210	6764	664	528	315	1403
2005/06	21589	5399	606	505	345	2204
2010/11	20300	4299	505	361	349	2130
2015/16	17337	3783	371	230	288	1375
2016/17	16858	3846	370	217	287	1369
2017/18	16180	3922	372	209	289	1330
2018/19	15521	4042	370	200	282	1322
2019/20	15194	4138	338	174	281	1266
2020/21	14873	4211	129 ⁴	166 ⁴	515 ⁵	1142 ⁵
2021/22	13991	4230	248 ⁴	282 ⁴	386 ⁵	1047 ⁵
2022/23	12976	4042	283 ⁴	302 ⁴	347 ⁵	1054 ⁵

¹ Source: the Ministry of Education and Science of Ukraine

² Before 2016/17 academic year – institutions of higher educations of the I-II levels of accreditation

³ Before 2016/17 academic year – institutions of higher educations of the III-IV levels of accreditation

⁴ Institutions of professional pre-tertiary education. Information was compiled according to data from the Unified State Electronic Database on Education (hereinafter - EDEBO), provided by the State Enterprise *Inforesource* of the Ministry of Education and Science of Ukraine (hereinafter - SE *Inforesource* MES)

⁵ Tertiary education institution. The information was prepared according to EDEBO data provided by *Inforesource* MES

EDUCATION

5.6. Enrollment in educational institutions

(beginning of academic year; thsd.)

	2000/01	2005/06	2010/11	2015/16	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Total	9220	8605	7224	5692	5730	5819	5824	5766	5809	5635
General secondary educational institutions ¹	6764	5399	4299	3783	3922	4042	4138	4211	4230	4042
day	6647	5301	4228	3750	3894	4017	4116	4191	4103 ^{2,3}	3122 ^{2,3}
night (part-time), including distance learning	117	98	71	33	28	25	22	20	17 ^{3,4}	12 ^{3,4}
Professional (vocational and technical) educational institutions ¹	525	497	434	304	269	255	246	247	250	237
Institutions of professional pre-tertiary education	—	—	—	—	—	—	—	166 ⁵	282 ⁵	302 ⁵
Tertiary educational institution ⁶	1931	2709	2491	1605	1539	1522	1440	1142 ⁵	1047 ⁵	1054 ⁵

¹ See the first footnote to Table 5.5

² Number of pupils in general secondary educational institutions of full-time form of education

³ Taking into account students with special educational needs (without students of special institutions of general secondary education and students of special classes organized in institutions of general secondary education)

⁴ Number of pupils in general secondary educational institutions of night and distance form of education

⁵ The information was prepared according to EDEBO data provided by *Inforesource* MES

⁶ See the second and third footnote to Table 5.5

At the beginning of the 2022/23 academic year, 70,9 thsd. pupils were trained in 406 general secondary educational institutions based on private ownership, 35,5 thsd. students were trained in 101 tertiary education institutions, based on private ownership.

5.7. General secondary educational institutions

(source: by Ministry of Education and Science of Ukraine;
beginning of academic year; thsd.)

	2000/01	2005/06	2010/11	2015/16	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Institutions	22,2	21,6	20,3	17,3	16,2	15,5	15,2	14,9	14,0	13,0
Pupils	6764	5399	4299	3783	3922	4042	4138	4211	4230	4042
including grades 10–12 (10–16)	1049	975	570	432	404	427	456	462	461 ¹	458 ¹
Total teachers ²	577	543	515	444	440	441	440	440	435	402

¹ Number of pupils in 10–12

² Including part-time

In 2022, 1,8 thsd. pupils attended the 1st grades set up at pre-school educational institutions.

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5.8. General secondary educational institutions, by region

*(source: by Ministry of Education and Science of Ukraine;
beginning of academic year)*

	Institutions						Enrollment, thsd.					
	2000/ 01	2005/ 06	2010/ 11	2015/ 16	2020/ 21	2022/ 23	2000/ 01	2005/ 06	2010/ 11	2015/ 16	2020/ 21	2022/ 23
Ukraine	22210	21589	20300	17337	14873	12976	6764	5399	4299	3783	4211	4042
Autonomous Republic of Crimea	645	632	609	...	...	...	295	223	177	...	...	...
oblasts												
Vinnysya	1072	1040	976	883	747	637	245	205	160	153	167	168
Volyn	832	816	787	753	595	551	167	147	126	129	145	145
Dnipropetrovsk	1113	1094	1044	1002	862	836	492	378	298	309	342	340
Donetsk	1318	1235	1151	563	509	298	588	432	337	150	170	105
Zhytomyr	950	903	844	760	618	551	208	173	137	129	139	138
Zakarpattia	722	716	693	669	635	581	208	182	156	157	171	169
Zaporizhzhya	698	677	639	600	534	446	269	203	159	159	172	156
Ivano-Frankivsk	772	772	761	740	664	589	222	191	155	149	161	161
Kyiv	813	809	781	747	703	640	263	214	172	186	232	241
Kirovohrad	631	617	576	533	309	293	159	125	95	91	97	97
Luhansk	843	793	732	308	273	83	325	234	176	52	56	27
Lviv	1479	1487	1440	1386	1181	1114	390	328	263	260	287	292
Mykolayiv	672	651	592	554	477	436	187	147	114	111	120	114
Odesa	975	975	950	881	786	725	344	283	235	243	278	275
Poltava	962	870	786	694	584	528	222	178	135	128	138	140
Rivne	796	750	707	677	588	548	192	171	147	148	166	168
Sumy	704	658	592	531	404	365	172	130	98	93	99	96
Ternopil	925	920	889	837	687	623	170	145	116	106	112	110
Kharkiv	1007	984	917	818	734	614	373	285	223	230	259	234
Kherson	581	575	509	470	395	156	182	143	110	106	114	66
Khmelnyskiy	1103	1075	926	783	621	561	212	177	138	128	139	140
Cherkasy	719	699	679	630	533	475	199	158	118	110	118	118
Chernivtsi	462	454	447	432	396	343	138	121	100	98	107	109
Chernihiv	843	778	674	590	472	402	166	129	98	92	97	94
cities												
Kyiv	497	534	525	496	566	581	327	261	225	266	325	339
Sevastopol	76	75	74	...	...	...	49	36	31	...	...	...

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5.9. General secondary educational institution at the beginning of 2022/23 by region

(source: by Ministry of Education and Science of Ukraine)

	Total institutions	In which		Including property-based institutions					
		pupils	teachers ¹	public ²	in which		private	in which	
					pupils	teachers ¹		pupils	teachers ¹
Ukraine	12976	4041976	401836	12570	3971076	394188	406	70900	7648
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
oblasts									
Vinnitsya	637	167546	18756	627	166322	18559	10	1224	197
Volyn	551	144690	17497	547	144315	17423	4	375	74
Dnipropetrovsk	836	339784	27312	820	338641	27066	16	1143	246
Donetsk	298	105511	8758	297	105451	8745	1	60	13
Zhytomyr	551	137658	15712	546	136967	15584	5	691	128
Zakarpattia	581	169237	18582	568	168054	18390	13	1183	192
Zaporizhzhya	446	156243	13867	440	155715	13775	6	528	92
Ivano-Frankivsk	589	161006	20270	581	159723	20082	8	1283	188
Kyiv	640	241348	20986	582	235808	20119	58	5540	867
Kirovohrad	293	96987	10247	293	96987	10247	—	—	—
Luhansk	83	27050	2348	83	27050	2348	—	—	—
Lviv	1114	291899	33476	1089	287451	32772	25	4448	704
Mykolayiv	436	113997	10671	435	113907	10648	1	90	23
Odesa	725	275412	23522	672	268517	22657	53	6895	865
Poltava	528	140328	14630	520	139638	14499	8	690	131
Rivne	548	168240	18889	543	167244	18810	5	996	79
Sumy	365	96287	10056	364	96161	10035	1	126	21
Ternopil	623	110030	14807	623	110030	14807	—	—	—
Kharkiv	614	233525	19391	588	224477	18775	26	9048	616
Kherson	156	65593	6007	156	65593	6007	—	—	—
Khmelnyskiy	561	140278	15584	555	139670	15490	6	608	94
Cherkasy	475	118018	12810	466	117364	12687	9	654	123
Chernivtsi	343	108636	11820	338	107784	11717	5	852	103
Chernihiv	402	94090	10732	401	93901	10700	1	189	32
cities									
Kyiv	581	338583	25106	436	304306	22246	145	34277	2860
Sevastopol	...	...	...	...	...	...	...	...	...

¹ See the second footnote to Table 5.7

² Property-based Institutions of public and communal

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5.10. General secondary educational institution at the beginning of 2022/23 academic year (source: by Ministry of Education and Science of Ukraine)

	Total institu- tions	In which		Including property-based institutions					
		pupils	teachers ¹	public ²	in which		private	in which	
					pupils	teachers ¹		pupils	teachers ¹
Total	12976	4041976	401836	12570	3971076	394188	406	70900	7648
Primary schools with pre-school unit	298	19184	2183	279	18664	2072	19	520	111
Primary schools	496	41814	4108	433	38705	3617	63	3109	491
Gymnasiums with pre-school unit and primary school	1070	103378	18270	1058	102352	18102	12	1026	168
Gymnasiums with primary school	2441	417810	49743	2411	413550	49211	30	4260	532
Lyceums with pre-school unit, primary school and gymnasium	1441	370909	45778	1390	362152	44497	51	8757	1281
Lyceums with primary school and gymnasium	5872	2713805	237657	5717	2668531	233885	155	45274	3772
Lyceums with pre-school unit and gymnasium	8	2446	257	8	2446	257	—	—	—
Lyceums with gymnasium	327	128618	11494	290	124495	10802	37	4123	692
Gymnasiums	170	21681	2835	160	20719	2713	10	962	122
Lyceums	561	183532	19162	534	180866	18725	27	2666	437
Special general secondary educational institutions ³	290	38799	10322	288	38596	10280	2	203	42
Health resort general secondary educational institutions ⁴	2	× ⁵	27	2	× ⁵	27	—	—	—

¹ See the second footnote to Table 5.7

² See the second footnote to Table 5.9

³ Including pupils from special classes organized at the general secondary educational institutions (boarding schools)

⁴ Sanatorium institutions of general secondary education, which are under the management of the Ministry of Health of Ukraine

⁵ Pupils of sanatorium schools stay in these institutions temporarily and are still considered the main place of study

EDUCATION

5.11. Pupils of day general secondary educational institutions, by language of instruction and region¹

(source: by Ministry of Education and Science of Ukraine;
at the beginning of academic year)

	Number of pupils, 2022/2023		Share of pupils, who study in the Ukrainian, percent					
	total	including who study in the Ukrainian	2000/01 ²	2005/06 ²	2010/11 ²	2015/16 ²	2020/21 ²	2022/23
Ukraine	4003177	3967394	70	78	82	90	96	99,1
Autonomous Republic of Crimea	...	...	0,9	5	8	...	...	...
oblasts								
Vinnitsya	165834	165834	98	99	99,5	99,6	99,8	100
Volyn	143637	143637	99	99,7	99,8	99,9	99,99	100
Dnipropetrovsk	335068	334862	68	78	81	81	95	99,94
Donetsk	104347 ³	104343	14	29	47	58	98,4	100
Zhytomyr	136415	136415	96	99	99	99,5	99,9	100
Zakarpattia	168786	150268	86	86	87	87	88	89
Zaporizhzhya	152702	152702	45	60	73	75	86,5	100
Ivano-Frankivsk	160276	160276	99	99,7	99,6	99,4	100	100
Kyiv	240425	240425	97	99	99	99,4	99,9	100
Kirovohrad	95807	95807	89	96	98	98	99	100
Luhansk	27032	27032	17	34	48	65	91	100
Lviv	289760	289000	98	99	99	99	99,5	99,7
Mykolayiv	112295	112295	74	87	92	92	98	100
Odesa	273073	271041	47	65	72	69	93	99,3
Poltava	138837	138837	93	97	98	99	99,9	100
Rivne	166662	166662	99,7	99,9	99,97	100	100	100
Sumy	95285	95285	83	93	96	96	99,6	100
Ternopil	109331	109331	99,7	99,8	99,9	99,9	100	100
Kharkiv	231271	230130	55	71	75	73	79	99,5
Kherson	64822	64822	76	83	85	84	97	100
Khmelnyskiy	139056	138800	98	99,3	99,5	99,5	99,9	99,8
Cherkasy	116868	116868	96	98	99	99	99,8	100
Chernivtsi	107935	95116	81	81	84	86	87	88
Chernihiv	93342	93342	94	99	99,5	99,6	99,9	100
cities								
Kyiv	334311	334264	93	96	97	97	98,4	99,99
Sevastopol	...	...	2	2	3	...	...	...

¹ Excluding pupils from special general secondary educational institutions and special classes

² Share of pupils day general secondary educational institutions

³ Including 4 pupils of the sanatorium and health center for social rehabilitation in preparatory class

Also at the beginning of the 2022/23 academic year, 16,0 thsd. children were taught in Hungarian, 15,3 thsd. in Romanian, 2,0 thsd. in Moldovian, 1,4 thsd. in Russian, 1,0 thsd. in Polish, 121 in Slovakian, 34 in German, 34 pupils in Bulgarian and 13 pupils in English.

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5.12. Pupils graduating from general secondary educational institutions

(source: by Ministry of Education and Science of Ukraine; thsd.)

	Number of pupils who obtained a certificate of getting base general secondary education			Number of pupils who obtained a diploma of getting complete general secondary education		
	total	day	evening (part-time)	total	day	evening (part-time)
2000	720	708	12	475	445	30
2005	649	640	9	515	482	33
2010	566	559	7	364	340	24
2015	336	333	3	230	218	12
2017	329	326	3	203	194	9
2018	345	343	2	195	186	9
2019	352	350	2	198	190	8
2020	345	343	2	222	214	8
2021	363 ¹	×	×	229 ²	×	×
2023	366 ¹	×	×	221 ²	×	×

¹ Number of pupils who received a certificate of basic secondary education

² Number of pupils who received a certificate of complete general secondary education

In 2022, 61,9% of graduates of the 9th joined the 10th grade at general secondary educational institutions, 12,9% entered to professional (vocational and technical) educational institutions, and 15,2% were enrolled to tertiary educational institutions.

5.13. Professional (vocational and technical) educational institutions

(source: by Ministry of Education and Science of Ukraine)

	Number of institutions, end of year, units	Total pupils, listeners, end of year, thsd.	Number of persons enrolled for training, during the year, thsd.	Number of persons issued, during the year, thsd.
2000	970	524,6	307,3	266,8
2005	1023	496,6	314,2	286,6
2010	976	433,5	282,9	247,3
2015	798	304,1	176,6	165,0
2017	756	269,4	146,9	141,3
2018	736	255,0	136,6	133,5
2019	723	245,8	131,0	124,0
2020	711	246,9	127,9	114,1
2021	694	250,3	131,2	112,4
2022	670 ¹	236,7	110,6	110,6
Vocational training of persons in 2022 who have completed secondary education	×	57,6	38,2	37,3
got the profession with obtaining the complete general secondary education	×	166,2	53,0	51,1
obtained qualification without complete secondary education	×	5,0	2,6	3,7
involved in vocational training				
not working population	×	1,2	1,9	1,5
enterprise workers	×	6,5	12,3	13,9
involved in upgrading				
not working population	×	0,1	0,5	0,5
enterprise workers	×	0,1	2,1	2,6

¹ In addition to 649 institutions of the Ministry of Education and Science of Ukraine data include 21 institutions of other ministries (agencies)

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5.14. Number of persons issued from professional (vocational and technical) educational institutions, by region

(source: by Ministry of Education and Science of Ukraine; thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	266,8	286,6	247,3	165,0	141,3	133,5	124,0	114,1	112,4	110,6
Autonomous Republic of Crimea	8,7	10,0	9,0	...	...	...	...	...	...	...
oblasts										
Vinnitsya	10,9	14,5	11,3	7,9	6,9	6,8	6,4	5,8	5,7	5,8
Volyn	7,1	8,6	7,1	5,9	5,0	4,7	4,7	4,3	4,2	4,3
Dnipropetrovsk	20,0	24,5	23,9	16,9	14,4	13,0	12,5	11,8	11,2	9,9
Donetsk	28,4	29,7	24,4	6,7	6,2	6,3	6,3	5,2	5,0	3,9
Zhytomyr	7,1	6,9	5,8	5,2	4,2	4,1	3,6	3,3	3,4	3,1
Zakarpattia	5,1	5,4	4,8	3,4	2,7	2,6	2,4	2,2	2,3	2,3
Zaporizhzhya	13,0	15,3	10,9	8,4	6,5	6,0	5,9	5,7	5,4	5,3
Ivano-Frankivsk	5,4	6,8	6,2	5,6	4,4	4,5	4,1	4,0	4,0	4,1
Kyiv	9,0	9,9	7,6	5,6	5,0	4,7	4,3	4,2	4,2	4,3
Kirovohrad	7,6	7,9	5,8	4,1	3,0	3,0	2,9	2,8	2,5	2,5
Luhansk	18,7	17,1	15,1	3,0	2,5	2,3	1,9	1,9	1,6	1,3
Lviv	19,3	19,5	16,6	15,0	12,3	11,2	9,5	9,0	8,8	9,4
Mykolayiv	8,1	8,5	7,6	6,3	5,5	5,7	5,2	4,3	4,2	4,6
Odesa	9,2	10,0	10,1	8,9	7,8	7,5	7,1	6,3	6,2	5,9
Poltava	10,6	10,4	9,0	6,1	5,5	5,1	4,8	4,5	4,5	4,4
Rivne	5,8	6,6	6,3	6,3	5,8	5,4	5,2	5,1	4,7	5,2
Sumy	8,9	9,4	9,6	5,8	5,2	5,2	4,6	4,0	4,3	3,8
Ternopil	4,8	6,6	6,0	5,1	4,4	4,2	3,7	3,2	3,0	3,3
Kharkiv	15,5	15,8	11,2	7,7	6,7	6,3	5,9	5,5	5,8	5,6
Kherson	5,9	7,1	5,4	4,4	3,8	3,8	3,5	3,4	3,6	2,7
Khmelnitskiy	7,2	7,0	8,0	6,9	6,2	5,8	5,4	4,7	5,0	5,3
Cherkasy	6,2	5,8	5,3	5,3	4,4	4,5	4,1	3,7	3,3	3,9
Chernivtsi	3,9	4,7	4,0	3,7	3,2	3,1	2,9	2,6	2,4	2,6
Chernihiv	6,3	6,0	4,9	3,6	3,1	2,9	2,6	2,3	2,7	2,6
cities										
Kyiv	12,8	10,9	10,0	7,2	6,6	4,8	4,5	4,3	4,4	4,5
Sevastopol	1,3	1,7	1,4	...	...	...	...	...	...	...

5.15. Institution of professional pre-tertiary and tertiary education¹

(beginning of academic year)

	Institution of professional pre-tertiary education			Tertiary educational institutions		
	2020/21	2021/22	2022/23	2020/21	2021/22	2022/23
Total institutions, units	129	248	283	515	386	347
Total students, thsd.	165,6	282,3	301,8	1141,9	1046,7	1053,8
full-time education	149,2	251,8	272,5	829,7	764,4	797,6
Number of persons enrolled for training², thsd.	53,4	99,1	93,6	277,1²	239,2²	245,1²
full-time education	46,1	86,8	85,4	227,2 ²	200,0 ²	198,6 ²
Number of person graduated from educational institutions³, thsd.	47,3	75,4	77,7	385,7	261,8	273,2
full-time education	41,2	64,9	67,1	242,8	167,2	178,8

¹ See the fifth footnote to Table 5.6

² The persons who for the first time were enrolled into tertiary educational institutions (excluding those who continue training in order to get higher educational degree (education and qualification level))

³ End of 2020, 2021, 2022

At the beginning of 2022/23, institution of professional pre-tertiary education – 440 foreign students, in tertiary educational institution – 50,0 thsd. foreign students.

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5.16. Admission and graduation of specialists by institutions of pre-tertiary education by sources of financing of education in 2022¹

	Number of persons enrolled for training	Including enrolled for training				Number of persons released from IPPTEI ²
		Central budget		Under the contract		
		total	percentage of total number of the enrolled	total	percentage of total number of the enrolled	
Total	93560	57841	61,8	35719	38,2	77727
By education degree (education and qualification level)						
bachelor	2536	616	24,3	1920	75,7	2288
junior bachelor (junior specialist)	171	75	43,9	96	56,1	63566
professional junior bachelor	90853	57150	62,9	33703	37,1	11873

¹ See the fifth footnote to Table 5.6

² End of 2022

5.17. Enrollment and graduation of experts by tertiary education institutions by source of financing in 2022¹

	Number of persons enrolled for training ²	Including enrolled for training				Number of persons graduated from tertiary educational institutions ³
		Central budget		contract		
		total	percentage of total number of the enrolled	total	percentage of total number of the enrolled	
Total	245089	93124	38,0	151965	62,0	273168
By education degree (education and qualification level)						
master ⁴	13531	5562	41,1	7969	58,9	89566
specialist	—	—	—	—	—	563
bachelor ⁵	211331	76604	36,2	134727	63,8	165519
junior bachelor (junior specialist)	684	396	57,9	288	42,1	14779
professional junior bachelor	19543	10562	54,0	8981	46,0	2741

¹ See the fifth footnote to Table 5.6

² See the second footnote to Table 5.15

³ End of 2022

EDUCATION

5.18. Institutions of professional pre-tertiary education by region¹

(beginning of academic year)

	Total institution, units			Enrollment, thsd.		
	2020/21	2021/22	2022/23	2021/22	2021/22	2022/23
Ukraine	129	248	283	165,6	282,3	301,8
Autonomous						
Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnitsya	6	11	13	8,4	14,4	15,7
Volyn	3	6	7	6,1	7,9	9,6
Dnipropetrovsk	3	14	23	13,8	25,4	35,1
Donetsk	7	10	—	7,9	10,2	—
Zhytomyr	7	14	14	5,0	12,1	12,4
Zakarpattia	5	7	7	4,2	7,5	7,6
Zaporizhzhya	5	7	8	10,7	13,0	13,0
Ivano-Frankivsk	3	6	11	6,2	9,6	11,7
Kyiv	9	15	15	7,2	10,6	10,8
Kirovohrad	6	8	11	3,8	5,2	8,3
Luhansk	3	6	—	1,8	4,3	—
Lviv	10	20	22	9,0	18,3	18,3
Mykolayiv	5	8	9	2,9	7,2	7,6
Odesa	9	15	20	13,5	20,6	24,7
Poltava	5	10	14	7,2	10,5	14,0
Rivne	1	4	5	5,2	10,2	10,8
Sumy	8	9	9	9,0	10,9	11,3
Ternopil	6	9	11	8,5	11,5	13,6
Kharkiv	8	13	20	5,6	9,7	15,7
Kherson	5	8	—	3,6	7,4	—
Khmelnyskiy	— ²	7	11	2,1	6,1	7,9
Cherkasy	1	6	9	1,3	4,2	5,5
Chernivtsi	5	11	14	3,5	7,0	8,5
Chernihiv	7	10	12	5,7	6,5	7,4
cities						
Kyiv	2	14	18	13,4	32,0	32,3
Sevastopol	...	...	...	...	...	...

¹ See the fifth footnote to Table 5.6

² Legal entities which conduct educational activities in the field of pre-tertiary education are excluded

EDUCATION

5.19. Institutions of tertiary education by region¹

(beginning of academic year)

	Total institution, units			Enrollment, thsd.		
	2020/21	2021/22	2022/23	2021/22	2021/22	2022/23
Ukraine	515	386	347	1141,9	1046,7	1053,8
Autonomous						
Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnitsya	17	12	13	39,3	32,8	34,5
Volyn	10	8	9	20,7	19,3	23,1
Dnipropetrovsk	51	39	39	82,7	70,3	78,7
Donetsk	21	18	—	27,5	23,9	—
Zhytomyr	12	5	5	22,3	17,6	18,6
Zakarpattia	9	7	7	20,2	17,4	21,1
Zaporizhzhya	16	14	13	49,0	46,0	44,5
Ivano-Frankivsk	13	10	13	32,2	30,2	38,0
Kyiv	12	7	8	18,8	15,9	17,5
Kirovohrad	9	7	7	11,6	10,2	14,6
Luhansk	10	7	—	17,9	13,2	—
Lviv	33	21	20	95,4	90,4	97,3
Mykolayiv	11	8	9	27,0	21,4	21,6
Odesa	31	22	22	75,1	67,7	71,3
Poltava	13	8	8	34,0	29,9	35,0
Rivne	11	7	7	24,3	18,9	21,0
Sumy	7	6	6	18,9	18,1	19,2
Ternopil	11	8	9	28,3	27,0	32,0
Kharkiv	55	46	39	124,2	122,4	113,5
Kherson	13	11	—	20,7	18,6	—
Khmelnyskiy	18	11	11	25,3	22,3	25,2
Cherkasy	15	10	10	32,4	28,8	30,1
Chernivtsi	11	5	5	22,3	18,7	20,6
Chernihiv	9	6	4	13,0	11,9	12,5
cities						
Kyiv	97	83	83	258,8	253,8	263,9
Sevastopol	...	...	...	...	...	...

¹ See the fifth footnote to Table 5.6

EDUCATION

5.20. Training of postgraduate students

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022 ¹
Number of scientific institutions and tertiary educational institutions that have postgraduate training program, the end of year	418	496	530	490	475	431	417	408	380	384
Total postgraduate students, end of year	23295	29866	34653	28487	24786	22829	25245	25668	26389	33826
Number of persons enrolled into postgraduate courses	7744	9711	10626	9813	7274	7172	7381	6951	6147	13386
full-time education ²	5153	6006	6503	6528	4435	4434	4446	4255	3737	11285
evening and part-time education ^{3,4}	2591	3705	4123	3285	2839	2738	2935	2696	2410	2101
Number of persons who graduated from postgraduate courses	5132	6417	8290	7493	6087	6401	2913	4280	351	2600
full-time education ²	3715	4279	5212	4794	3990	4387	699	2694	249	1611
evening and part-time education ^{3,4}	1417	2138	3078	2699	2097	2014	2214	1586	102	989

¹ See the fifth footnote to Table 5.6

² Before 2017, full-time

³ Before 2017, part-time

⁴ Since 2021, including persons who professionally carry out the scientific, scientific and technical or scientific and pedagogical activity at the main place of work and obtain tertiary education for the degree of Doctor of Philosophy outside of post-graduate/adjunct studies at the relevant institution of tertiary education (scientific institution) without interrupting the labour activity or while being on creative leave

6. HEALTH CARE AND SOCIAL PROTECTION

This section includes statistics on general morbidity rates as well as selected illnesses. It also provides data on medical institutions and staff employed. There are some statistics on residential facilities for the aged and disabled person with disability (adults and children) and data on disability.

Data on physicians includes all doctors with higher medical education at the end of a given year. It includes physicians employed in medical and sanatorium institutions, social protection, educational and research institutions, staff training institutions within the health care system, etc. This indicator before 2008 covered dentists with higher education and dental technicians with secondary medical education. Starting from 2008 dental technicians with secondary medical education are not taken into account in the total number of physicians.

Paramedical personnel is reported at the end of the year includes all persons with secondary medical education (excluding dental technicians) who are employed in medical and sanatorium institutions, social protection institutions, pre-school educational institutions, schools, orphan houses, etc.

Data on hospital beds is reported at the end of the year. Statistics show beds equipped with necessary supplies and available for patient use, regardless of whether the beds are occupied by patients.

Hospitals providing care for out-patients include all medical institutions which provide out-patient care (clinics, out-patients' departments, health centers, out-patients' departments of hospitals, hospital centers for health care, etc).

Injured at work is an individual who had an accident at work and died or, based on a medical certificate, is incapable of working during one or more days. This person may be

given an easier job for one or more days if a document registering the accident has been completed according to a specified form.

Person with disability is a person with stable disorder of body functions that when interacting with external environment could result in its life activities being restricted and due to this, the state must create the conditions for the his/her realization of rights on an equal basis with other citizens and ensure his/her social protection.

Disability as a measure of health loss is defined by the expert examination conducted in the institutions for medical and social assessment of the central executive body that ensures the shaping of the state policy in the sphere of health care.

Care home for the aged citizens and persons with disabilities is a stationary residential care institution for social protection. It is created for the day and night accommodation (residence) and care for the aged citizens and persons who for medical reasons require the nursing care, social and domestic, medical servicing, social services and a complex of rehabilitative measures.

Children's care home is a stationary social and medical institution designed to temporary (under six months) or permanent (more than six months) residence or accommodation of children with disability and aged from 4 to 18 year old, and persons with disability aged under 35 year old with physical, mental development and psychiatric disorders who for medical reasons require the nursing care, domestic servicing, medical aid, educational services, a complex of rehabilitation measures. According to the medical assessment, they are fit to stay in the mentioned institution regardless of availability of persons who are obliged to support then in line with legislation.

Orphan is a child whose parents have died.

Children deprived of parental care are the children left without parental care in connection with deprivation of their parental rights, deprivation of parents without deprivation of parental rights, recognition of parents missing or incapacitated, declaring them dead, serving a sentence in prison and their detention during the investigation, their search by the National Police for lack of information about their whereabouts, the long-term illness of their parents, which prevents them from fulfilling their parental responsibilities, as well as the children separated from their families, abandoned children whose parents are unknown, children who have been

abandoned by their parents, children whose parents do not fulfill their parental responsibilities for reasons that cannot be clarified due to the parents' stay in the temporarily occupied territory of Ukraine, in the areas of the anti-terrorist operation, implementation of measures to ensure national security and defense, repel and deter armed aggression in Russia Federation in Donetsk and Luhansk region, and homeless children.

Adoption is when an adoptive person adopts a child into his family as a daughter or a son according to a court's decision.

Tutorship, curatorship are appointed to orphans or emancipated children. Tutorship is provided to child under 14 years and curatorship – child between the ages of 14 and 18 years.

HEALTH CARE AND SOCIAL PROTECTION

6.1. Health care institutions, facilities and personnel¹

(source: the Ministry of Health of Ukraine; end of year; thsd.)

	Total medical practitioners (doctors) ²	Total paramedical staff	Total hospitals	Total beds	Total out-patient facilities
1913	8	12	1,4	48	...
1940	36	102	2,5	161	8
1960	86	276	5,0	344	7
1965	111	332	4,9	428	6
1970	131	412	4,7	511	6
1975	157	484	4,1	578	6
1980	183	516	3,8	627	6
1985	211	567	3,8	669	6
1990	227	607	3,9	700	7
1995	230	595	3,9	639	7
2000	226	541	3,3	466	7
2005	224	496	2,9	445	8
2010	225	467	2,8	429	9
2015	186	372	1,8	333	10
2016	187	367	1,7	315	10
2017	186	360	1,7	309	10
2018	186	345	1,7	302	10
2019	185	330	1,6	295	11
2020	180	309	1,6	275	11
2021 ³	144	261	1,2	245	8,2
2022	163	268	1,4	252	9,5

¹ Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2022 the data cover the current territory of Ukraine

² Since 2008, excluding dental technicians

³ In institutions which are under the management of the Ministry of Health of Ukraine

6.2. Health care indicators

(source: the Ministry of Health of Ukraine; thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022
Total medical practitioners (doctors) ^{2,3}	226	224	225	186	186	186	185	180	144	163
Total paramedical staff ³	541	496	467	372	360	345	330	309	261	268
Total hospitals ³	3,3	2,9	2,8	1,8	1,7	1,7	1,6	1,6	1,2	1,4
Total beds ³	466	445	429	333	309	302	295	275	245	252
Total out-patient medical institutions ³	7,4	7,8	9,0	10,0	10,4	10,5	10,6	10,6	8,2	9,5
Capacity of out-patient facilities, visits per shift	973	990	993	912	923	926	920	929	831	853

¹ See the third footnote to Table 6.1

² See the second footnote to Table 6.1

³ End of year

HEALTH CARE AND SOCIAL PROTECTION

6.3. Physicians of all specialisations¹, by region*(source: the Ministry of Health of Ukraine; end of year; thsd.)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ²	2022
Ukraine	226,3	223,8	224,9	186,2	186,2	185,7	184,7	179,6	143,9	163,0
Autonomous Republic of Crimea	11,1	10,7	10,2	...	...	...	...	...	...	...
oblasts										
Vinnitsya	8,3	8,3	8,1	7,8	7,7	7,8	7,9	7,8	6,7	7,4
Volyn	4,2	4,1	4,0	3,9	4,0	3,9	4,0	3,9	3,4	3,8
Dnipropetrovsk	17,5	16,6	16,4	15,3	15,2	14,9	14,6	14,2	11,0	13,2
Donetsk	22,4	21,6	19,8	5,7	6,0	6,1	5,9	5,7	5,3	4,5
Zhytomyr	5,4	5,2	5,0	4,8	4,7	4,7	4,6	4,5	3,9	4,4
Zakarpattia	5,2	5,2	5,2	5,0	4,9	4,9	4,9	4,6	3,9	4,5
Zaporizhzhya	9,5	8,8	8,6	8,5	8,5	8,6	8,7	8,3	6,8	5,8
Ivano-Frankivsk	6,6	6,7	8,2	8,4	8,4	8,3	8,1	7,9	7,0	7,7
Kyiv	6,0	5,8	7,2	7,3	7,3	7,4	7,4	7,1	5,5	6,3
Kirovohrad	4,0	3,7	3,6	3,5	3,4	3,3	3,2	3,1	2,7	3,1
Luhansk	10,7	10,3	10,0	2,1	2,1	2,1	2,1	2,1	1,8	1,3
Lviv	13,9	14,5	15,0	14,0	13,9	13,6	13,4	13,2	11,8	12,6
Mykolayiv	4,6	4,4	4,4	3,9	3,9	3,8	3,8	3,5	2,9	3,0
Odesa	11,9	11,2	11,7	11,2	11,2	11,1	11,3	11,1	9,1	10,6
Poltava	7,8	7,3	7,2	7,0	6,8	6,9	6,8	6,6	5,8	6,7
Rivne	4,6	4,7	4,8	4,8	4,8	4,8	4,8	4,7	4,1	4,6
Sumy	4,8	4,5	4,6	4,5	4,5	4,5	4,4	4,2	3,7	4,1
Ternopil	5,4	5,4	5,6	5,7	5,5	5,6	5,5	5,4	4,8	5,3
Kharkiv	15,2	15,8	15,9	15,6	15,5	15,3	15,2	14,8	10,5	11,3
Kherson	4,2	4,1	3,9	3,8	3,8	3,7	3,7	3,4	2,7	2,0
Khmelnyskiy	5,4	5,5	5,6	5,5	5,5	5,6	5,6	5,5	4,6	5,2
Cherkasy	5,4	5,1	5,0	4,8	4,7	4,6	4,6	4,4	3,7	4,3
Chernivtsi	4,4	4,9	5,6	5,4	5,4	5,3	5,3	5,1	4,7	5,0
Chernihiv	4,6	4,3	4,1	3,8	3,8	3,7	3,7	3,5	3,3	3,3
cities										
Kyiv	21,3	23,2	23,1	23,9	24,7	25,2	25,2	25,0	14,2	23,0
Sevastopol	1,9	1,9	2,1	...	...	...	...	...	...	...

¹ See the second footnote to Table 6.1² See the third footnote to Table 6.1

HEALTH CARE AND SOCIAL PROTECTION

6.4. Paramedical personnel, by region*(source: the Ministry of Health of Ukraine; end of year; thsd.)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022
Ukraine	541,0	496,3	466,8	371,7	360,4	345,4	330,3	308,8	261,3	268,2
Autonomous Republic of Crimea	23,1	21,9	20,1	...	...	...	...	...	...	...
oblasts										
Vinnitsya	20,5	18,9	17,6	16,6	15,3	14,1	13,5	12,9	11,5	11,5
Volyn	11,8	11,3	11,3	10,8	10,4	10,0	9,4	8,7	8,0	7,9
Dnipropetrovsk	39,3	35,3	32,2	28,8	28,1	26,4	24,9	23,1	19,0	20,9
Donetsk	55,1	48,4	41,6	13,3	14,5	14,0	13,3	12,7	12,1	9,8
Zhytomyr	16,5	15,3	14,4	13,4	12,7	12,0	11,3	10,7	9,4	9,8
Zakarpattia	13,1	12,9	11,5	10,8	10,4	10,0	9,6	8,8	7,7	7,7
Zaporizhzhya	22,0	19,2	18,1	16,3	15,5	15,2	14,6	13,2	11,2	7,7
Ivano-Frankivsk	15,5	14,2	15,1	15,0	14,5	13,7	13,2	12,3	11,3	11,4
Kyiv	18,5	16,3	16,0	15,1	14,7	14,4	13,5	12,4	10,8	11,0
Kirovohrad	12,9	11,4	10,6	9,6	9,0	8,7	8,2	7,7	6,8	6,9
Luhansk	26,6	24,8	22,6	5,3	5,5	5,3	5,1	4,8	4,4	2,8
Lviv	30,5	30,1	28,5	26,4	25,4	24,3	23,2	21,7	18,7	18,8
Mykolayiv	12,3	11,1	10,1	9,2	8,7	8,2	7,7	7,2	6,5	6,4
Odesa	24,9	21,8	22,4	20,2	19,8	19,0	18,5	17,5	13,7	15,8
Poltava	19,4	16,8	15,2	13,9	13,4	12,8	12,4	11,8	10,5	10,8
Rivne	13,2	13,5	13,3	12,5	12,1	11,8	11,3	10,3	9,4	9,3
Sumy	14,5	13,0	12,7	11,7	11,4	10,8	10,0	9,2	8,4	8,6
Ternopil	12,5	12,2	12,1	11,6	10,8	10,3	9,8	9,2	8,7	8,3
Kharkiv	32,3	28,7	26,4	24,0	23,3	22,1	20,9	19,8	15,7	16,4
Kherson	12,2	11,3	10,4	9,6	8,8	8,5	8,1	7,2	6,3	4,8
Khmelnyskiy	14,7	13,8	14,2	13,5	12,7	12,2	11,7	10,8	9,6	9,8
Cherkasy	16,2	14,6	13,5	12,4	11,8	11,3	10,8	9,9	8,8	9,2
Chernivtsi	9,4	9,0	9,5	9,2	8,9	8,4	8,1	7,5	6,9	7,0
Chernihiv	15,1	13,3	12,3	11,0	10,5	10,1	9,6	8,7	8,2	7,9
cities										
Kyiv	34,6	33,4	31,3	31,5	32,2	31,8	31,6	30,7	17,7	27,7
Sevastopol	4,3	3,8	3,8	...	...	...	...	...	...	...

¹ See the third footnote to Table 6.1

HEALTH CARE AND SOCIAL PROTECTION

6.5. Hospital beds, by region*(source: the Ministry of Health of Ukraine; end of year; thsd.)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022
Ukraine	466,0	444,9	428,7	332,7	308,7	301,6	295,1	274,6	244,6	251,6
Autonomous Republic of Crimea	19,3	17,9	17,2	...	...	...	...	...	...	...
oblasts										
Vinnysya	16,1	15,6	14,3	11,5	10,8	10,6	10,3	9,8	9,4	9,2
Volyn	8,9	8,6	8,6	8,3	7,3	7,2	7,0	6,7	6,9	6,9
Dnipropetrovsk	40,3	37,5	35,3	29,0	28,3	27,9	26,7	24,7	22,2	24,5
Donetsk	44,3	41,7	38,5	12,9	12,8	12,7	12,5	11,7	10,8	10,5
Zhytomyr	11,4	10,8	10,2	9,8	8,5	8,1	8,0	7,7	7,1	7,5
Zakarpattia	10,8	10,2	10,0	8,8	8,5	8,3	8,2	7,1	6,6	6,7
Zaporizhzhya	20,8	18,3	16,7	15,6	14,4	14,2	13,8	11,8	11,0	7,9
Ivano-Frankivsk	12,8	12,7	12,5	11,2	10,5	10,2	9,9	9,1	8,7	8,8
Kyiv	15,5	14,3	15,0	13,6	12,7	12,5	12,3	11,3	10,2	10,1
Kirovohrad	11,0	10,3	9,8	8,7	8,1	8,0	8,3	7,4	6,5	6,7
Luhansk	25,8	25,7	24,1	7,2	6,4	6,2	6,2	4,9	4,7	3,2
Lviv	25,8	24,8	24,7	22,7	20,8	19,6	18,9	17,9	16,2	15,9
Mykolayiv	11,1	10,6	10,2	9,8	8,1	7,9	7,3	6,9	6,9	6,7
Odesa	22,7	21,8	22,4	19,7	18,5	17,9	17,6	16,3	13,6	16,1
Poltava	14,4	13,8	13,4	12,3	11,1	11,0	10,4	10,2	9,4	9,2
Rivne	10,3	10,5	10,5	9,6	8,6	8,5	8,4	7,9	7,3	7,3
Sumy	11,9	11,4	11,2	9,8	9,0	8,7	8,2	7,4	7,2	7,3
Ternopil	10,7	10,1	9,9	9,4	8,7	8,7	8,3	7,8	7,5	7,4
Kharkiv	29,0	27,8	25,2	24,0	22,4	22,3	21,8	21,4	17,9	19,8
Kherson	11,2	11,8	11,1	9,7	8,0	7,8	8,6	6,5	6,3	4,9
Khmelnyskiy	13,2	12,2	12,3	11,1	10,0	9,9	9,6	9,0	8,3	8,4
Cherkasy	12,9	12,1	11,5	10,4	9,8	9,7	9,5	8,8	8,4	8,3
Chernivtsi	8,2	8,3	8,1	7,2	6,6	6,5	6,6	6,4	5,8	6,2
Chernihiv	14,2	13,0	12,6	11,1	9,4	9,2	8,9	7,9	7,5	7,0
cities										
Kyiv	30,3	30,1	30,0	29,3	29,4	28,0	27,8	28,0	18,2	25,1
Sevastopol	3,1	3,0	3,4	...	...	...	...	...	...	...

¹ See the third footnote to Table 6.1

HEALTH CARE AND SOCIAL PROTECTION

6.6. Planned capacity of out-patient and polyclinic institutions, by region*(source: the Ministry of Health of Ukraine; thsd. visitors per shift)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022
Ukraine	973,0	989,9	992,8	912,3	922,9	926,5	920,4	929,0	831,1	853,1
Autonomous Republic of Crimea	35,1	34,9	34,3	...	...	...	...	...	...	...
oblasts										
Vinnitsya	25,3	25,8	26,1	34,8	33,6	33,3	33,3	33,3	29,3	30,9
Volyn	17,9	18,0	18,3	18,6	18,7	19,1	19,2	19,5	18,8	19,7
Dnipropetrovsk	93,7	93,2	90,9	95,6	94,5	92,8	85,0	84,2	79,5	82,9
Donetsk	86,4	94,0	85,3	36,3	36,3	36,9	37,3	36,9	33,5	30,7
Zhytomyr	32,5	32,3	32,1	32,6	32,4	32,2	32,6	36,0	35,1	35,5
Zakarpattia	24,2	24,8	27,6	29,8	30,1	30,8	31,1	31,3	25,5	29,3
Zaporizhzhya	36,4	37,1	37,0	40,1	39,3	39,1	38,1	37,3	33,6	19,1
Ivano-Frankivsk	20,5	20,6	23,2	27,2	27,9	28,4	28,6	28,3	27,7	28,3
Kyiv	35,1	34,3	36,0	39,7	38,7	39,8	40,0	40,6	38,8	42,5
Kirovohrad	27,2	27,0	28,8	28,9	28,7	28,2	28,6	28,0	24,9	27,0
Luhansk	53,9	53,4	48,9	18,5	18,4	18,2	18,6	17,8	17,2	12,1
Lviv	47,3	48,0	48,9	50,0	51,6	50,9	50,9	50,0	47,6	46,7
Mykolayiv	23,3	22,3	23,1	25,4	25,4	25,4	24,9	24,8	23,2	23,9
Odesa	48,3	50,9	49,0	49,0	50,3	50,1	50,7	50,0	46,1	49,6
Poltava	37,2	38,1	38,5	37,0	37,8	37,4	38,9	39,6	36,2	39,3
Rivne	22,7	23,7	24,5	28,8	24,4	25,7	26,6	33,2	24,6	28,7
Sumy	26,9	27,5	27,5	26,9	26,8	28,6	28,4	27,6	24,7	26,1
Ternopil	19,8	20,2	21,2	21,7	21,7	21,7	21,8	21,9	21,7	21,7
Kharkiv	57,2	60,9	62,4	67,1	77,0	76,5	76,6	78,0	59,5	65,5
Kherson	21,0	21,4	21,5	21,4	24,6	24,6	24,6	25,1	23,6	11,6
Khmelnyskiy	25,8	25,2	25,4	26,2	26,5	26,2	26,2	26,5	25,7	26,1
Cherkasy	27,4	27,6	29,8	30,4	31,0	31,8	31,2	32,2	26,9	31,0
Chernivtsi	15,1	15,9	17,0	17,4	17,7	17,6	18,0	18,1	17,2	17,9
Chernihiv	24,1	23,8	24,3	25,2	25,1	25,1	25,1	24,7	22,6	23,5
cities										
Kyiv	81,1	81,6	83,3	83,7	84,4	86,1	84,1	84,1	67,6	83,5
Sevastopol	7,6	7,4	7,9	...	...	...	...	...	...	...

¹ See the third footnote to Table 6.1

HEALTH CARE AND SOCIAL PROTECTION

6.7. Incidence of selected infections diseases*(source: the Ministry of Health of Ukraine)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Acute intestinal diseases, thsd.	102,5	83,2	87,5	95,7	112,1	96,8	86,9	36,0	41,2	41,7
Typhoid fever and paratyphus A, B and C	103	90	8	4	7	7	2	2	1	3
Infections caused by salmonella, thsd.	8,0	7,5	9,8	8,3	7,3	7,7	8,6	3,8	3,4	3,2
Virus hepatitis, thsd.	38,6	26,9	12,2	12,4	12,4	12,0	12,6	6,6	5,4	5,8
Flu and acute infections of respiratory organs, mln.	9,8	8,5	8,6	6,6	6,5	6,6	6,0	5,8	8,2	5,2
Scarlet fever, thsd.	16,1	10,3	14,4	8,0	8,8	10,5	14,5	5,6	1,6	1,0
Diphtheria	365	98	17	2	—	10	21	—	—	2
Whooping cough, thsd.	2,2	1,5	1,1	2,4	2,5	2,2	2,3	1,0	0,1	0,032
Tetanus	36	16	13	12	17	19	15	12	7	12
Acute poliomyelitis	6	1	—	—	—	—	—	—	1	—
Measles, thsd.	0,8	2,4	0,0	0,1	4,7	53,2	57,3	0,3	0,016	0,011

6.8. HIV infections and number of persons registered as HIV positive¹*(source: the Ministry of Health of Ukraine; thsd.)*

	HIV infected persons						Of which positive persons					
	2000	2005	2010	2015	2020	2022	2000	2005	2010	2015	2020	2022
Total newly registered HIV infected persons	6,3	13,8	20,5	15,9	17,6	13,7	0,7	4,2	5,9	8,5	4,1	3,0
Total patients registered at medical institutions, end of year	30,7	62,9	110,5	126,8	148,6	161,8	0,9	5,1	14,0	34,1	47,8	49,1

¹ Including foreign citizens

At the end of 2022, 54,9% of HIV infected and registered as HIV positive persons were males and 30,1% were those infected through drug injections.

HEALTH CARE AND SOCIAL PROTECTION

6.9. HIV infected and HIV positive, by region¹*(source: the Ministry of Health of Ukraine; total newly registered)*

	HIV infected persons						Including HIV infected persons – positive persons					
	2000	2005	2010	2015	2020	2022	2000	2005	2010	2015	2020	2022
Ukraine	6307	13786	20521	15892	17637	13651	653	4220	5871	8475	4145	3012
Autonomous Republic of Crimea	412	896	1086	...	...	...	92	235	182	...	...	...
oblasts												
Vinnysya	101	248	359	303	271	255	8	82	180	183	152	159
Volyn	96	158	214	278	174	134	3	26	99	128	61	39
Dnipropetrovsk	920	2045	3259	2881	3887	2944	17	778	1116	2047	538	558
Donetsk	1503	2997	4031	1024	1376	360	73	1343	1226	645	538	90
Zhytomyr	59	225	463	462	340	315	7	68	133	216	122	138
Zakarpattya	17	36	62	71	101	87	1	9	3	52	18	29
Zaporizhzhya	144	406	558	573	512	388	18	102	195	377	94	74
Ivano-Frankivsk	18	74	170	180	86	134	4	8	41	85	11	24
Kyiv	63	333	753	973	882	826	3	95	192	408	207	209
Kirovohrad	45	173	302	519	475	383	1	13	75	230	155	73
Luhansk	153	525	746	184	157	14	5	67	295	102	36	4
Lviv	89	209	479	454	320	418	5	43	153	189	98	119
Mykolayiv	453	802	1107	863	668	439	75	288	82	371	186	117
Odesa	977	1349	2143	2385	3894	3855	275	442	461	1407	977	686
Poltava	121	303	413	450	288	297	—	80	183	256	39	42
Rivne	22	82	244	249	159	175	4	9	23	86	46	61
Sumy	36	92	217	224	150	165	3	21	67	99	57	30
Ternopil	60	65	105	116	87	86	—	14	39	41	20	26
Kharkiv	153	401	527	527	726	353	8	42	126	204	166	117
Kherson	195	327	560	521	548	187	18	61	133	187	96	32
Khmelnyskiy	110	241	297	194	195	161	1	48	105	128	84	63
Cherkasy	151	300	471	542	387	325	3	94	173	262	85	66
Chernivtsi	25	62	102	98	66	80	9	23	18	50	32	30
Chernihiv	84	236	507	498	457	309	1	27	115	238	65	44
cities												
Kyiv	217	1023	1088	1323	1431	961	15	73	371	484	262	182
Sevastopol	83	178	258	...	...	...	4	129	85	...	...	...

¹ See the footnote to Table 6.8

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6.10. Incidence of malignant tumours*(source: the Ministry of Health of Ukraine; thsd.)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total newly registered	156,6	157,5	156,2	134,1	135,5	135,6	136,1	109,7	115,8	95,8
Total patients registered at medical institutions, end of year	768,3	864,3	988,6	961,8	1010,9	...	...	...	...	...

6.11. Incidence of malignant tumours in 2022, by location*(source: the Ministry of Health of Ukraine; persons)*

	Total	Including	
		males	females
Total newly registered	95843	46316	49527
including malignant tumour			
lips, mouth and throat	4009	3307	702
oesophagus	1120	1004	116
stomach	4860	3000	1860
rectum	5549	3056	2493
larynx	1301	1235	66
trachea, bronchi, lungs	8327	6655	1672
skin	12268	5428	6840
mammary glands	11134	67	11067
womb	7980	×	7980
kidney	3214	1919	1295
urine bladder	3101	2545	556
thyroid gland	1855	401	1454
lymphatic and hemogenic tissue	4974	2580	2394

6.12. Incidence of active tuberculosis*(source: the Ministry of Health of Ukraine; thsd.)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total newly registered	29,8	39,6	31,3	23,9	22,0	21,3	20,6	14,3	14,7	15,1 ¹
including active form of tuberculosis of respiratory organs	27,9	37,8	29,5	22,7	20,9	20,2	19,5	13,6	13,9	14,3
Total patients registered at medical institutions, end of year	122,9	103,2	78,6	36,2	32,5	...	...	...	...	...

¹ Among the persons newly registered as sick of active form of tuberculosis in 2022, 72,6 % were males, and 94,9% were sick of respiratory tuberculosis

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6.13. Incidence of active tuberculosis, by region*(source: the Ministry of Health of Ukraine; total newly registered; persons)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	29753	39608	31295	23896	21995	21314	20643	14298	14688	15052
Autonomous Republic of Crimea	1190	1743	1639	...	...	...	...	...	...	...
oblasts										
Vinnitsya	999	1199	925	758	620	642	692	424	321	557
Volyn	611	714	580	653	601	546	519	390	492	496
Dnipropetrovsk	2329	2841	3140	2566	2081	1971	2048	1603	1774	2865
Donetsk	3364	4816	3570	1086	1154	1148	1071	880	771	224
Zhytomyr	932	1295	978	830	766	743	707	435	479	544
Zakarpattia	616	737	744	749	743	751	760	550	614	743
Zaporizhzhya	1303	1736	1219	1085	1022	1057	929	692	649	414
Ivano-Frankivsk	837	1101	911	845	705	647	581	334	340	409
Kyiv	989	1244	988	1194	1159	1112	1083	733	724	675
Kirovohrad	736	1184	823	747	674	624	639	424	376	594
Luhansk	1997	2784	1904	316	340	406	345	255	265	36
Lviv	1748	2023	1678	1509	1356	1304	1261	878	958	1062
Mykolayiv	941	1365	1076	803	686	656	619	454	462	403
Odesa	1720	2292	1842	2446	2561	2732	2680	1742	2000	1724
Poltava	830	879	789	789	749	683	577	416	366	575
Rivne	776	940	679	636	506	485	480	352	364	428
Sumy	724	724	597	623	603	602	538	351	351	357
Ternopil	509	756	594	409	394	349	361	190	193	279
Kharkiv	1593	2563	1592	1182	1141	1066	1069	743	758	465
Kherson	1122	1978	1167	875	770	683	631	456	399	219
Khmelnyskiy	786	887	707	724	612	592	579	376	326	350
Cherkasy	730	931	769	716	617	562	542	384	394	469
Chernivtsi	428	512	443	364	289	250	313	165	185	222
Chernihiv	792	901	749	677	602	582	468	355	411	338
cities										
Kyiv	956	1228	950	1314	1244	1121	1151	716	716	604
Sevastopol	195	235	242	...	...	...	...	...	...	...

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6.14. Incidence of venereal disease

(source: the Ministry of Health of Ukraine; thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022
Total newly registered										
syphilis	45,2	19,8	7,5	3,2	2,8	2,5	2,5	1,6	1,5	1,6
gonorrhoea	26,1	18,2	10,1	5,7	4,8	4,1	3,3	1,7	1,3	1,0
Total sick of syphilis registered at medical institutions, end of year	168,1	96,2	54,9	26,3	22,2	...	...	...	...	...

¹ See the third footnote to Table 6.1**6.15. Abortions**

(source: the Ministry of Health of Ukraine; thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022
Total abortions ²	434	264	177	106	95	87	80	65	55	47

¹ See the third footnote to Table 6.1² Includes mini abortions conducted by applying vacuum aspiration during the first weeks of pregnancy**6.16. Industrial injuries**

	2000	2005	2010	2015	2017	2018	2019 ¹	2020 ¹	2021 ¹	2022 ¹
--	------	------	------	------	------	------	-------------------	-------------------	-------------------	-------------------

Thsd.

Number of accident victims (acute occupational diseases (poisonings/accidents) that resulted in loss of labour capacity for one or more days and fatal accidents victims, persons	34,3	21,2	12,2	4,4	4,4	4,0	4,4	6,6	12,3	4,9 ²
including fatal accidents	1,2	1,0	0,6	0,3	0,3	0,3	0,4	0,4	0,5	0,4

The duration of temporary incapacity for work of accident victims that ended in the reference year, working days	...	769	492	212	224	215	230	181	200	93
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	----

Per 1000 employees

Number of accident victims (acute occupational diseases (poisonings/accidents) that resulted in loss of labour capacity for one or more days and fatal accidents victims, persons	2,6	1,8	1,2	0,6	0,6	0,5	0,6	0,9	1,7	...
including fatal accidents	0,095	0,084	0,056	0,040	0,038	0,036	0,055	0,054	0,076	...
Total days of disability	...	65,7	47,4	26,3	31,7	28,0	30,9	24,6	28,2	...

Per 1 injured

Total person of disability	...	36,3	40,2	47,7	55,4	53,2	52,3	27,2	16,3	19,1
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¹ Source: the Social Insurance Fund of Ukraine² Therefore, 18 of the injured were transferred to easier job

HEALTH CARE AND SOCIAL PROTECTION

6.17. Number of persons with disabilities, by region¹*(as of January 1, 2023)*

	Total	Including			
		1 st group	2 nd group	3 rd group	children with disabilities
Ukraine	2721691	204940	888732	1472009	156010
Autonomous Republic of Crimea					
oblasts					
Vinnysya	123746	9908	30796	76908	6134
Volyn	83465	8447	26012	43508	5498
Dnipropetrovsk	173211	12755	44105	103188	13163
Donetsk	146547	9195	38489	94189	4674
Zhytomyr	114757	9598	42500	56628	6031
Zakarpattia	80473	6121	20734	45864	7754
Zaporizhzhya	106412	8513	32425	61348	4126
Ivano-Frankivsk	110682	8630	32222	62886	6944
Kyiv	130708	9756	54359	58397	8196
Kirovohrad	59695	4371	15292	36147	3885
Luhansk	41033	2552	13447	22942	2092
Lviv	223141	17466	50270	143911	11494
Mykolayiv	66632	5725	17233	39056	4618
Odesa	164527	14085	76332	65057	9053
Poltava	103999	6845	41272	50718	5164
Rivne	75431	5784	18771	44818	6058
Sumy	61474	5776	17691	34279	3728
Ternopil	75167	5740	18891	45463	5073
Kharkiv	152532	9016	55896	79076	8544
Kherson	39180	2398	10394	24953	1435
Khmelnyskiy	151141	8133	49523	87803	5682
Cherkasy	140641	9431	73237	53186	4787
Chernivtsi	60056	5008	14783	35498	4767
Chernihiv	77501	7613	23215	42332	4341
cities					
Kyiv	159540	12074	70843	63854	12769
Sevastopol	...	...	...	...	...

¹ Source: the Ministry of Social Policy of Ukraine, the Ministry of Health of Ukraine and Pension Fund of Ukraine. Regardless of type of pension received by the persons with disabilities

HEALTH CARE AND SOCIAL PROTECTION

6.18. Number of newly recognized persons with disabilities by class of diseases in 2022*(source: the Ministry of Health of Ukraine)*

	Thsd.		Percent	
	total ¹	including of working age	total ¹	including of working age
Total	145,2	110,9	100,0	100,0
due to the following diseases				
infectious and parasitic diseases	3,2	3,0	2,2	3,2
neoplasm	28,1	19,2	19,3	10,6
blood and hemogenic organs and selected disorders involving the immunity	0,3	0,3	0,2	0,5
endocrine system, nutrition and metabolic disorders	7,3	5,8	5,1	6,3
psychological and behavioural disorders	6,5	5,2	4,4	10,9
nervous system	8,1	6,9	5,6	10,5
eyes and eye adventive organ	5,4	3,8	3,7	4,5
ears and mamillary appendix	0,9	0,8	0,6	1,5
blood circulation	34,8	23,3	24,0	7,6
respiratory organs	3,7	3,3	2,6	3,6
digestion organs	3,5	3,2	2,4	3,0
urogenital system	23,8	18,8	16,4	15,0
bony and muscle systems and connective tissue	2,4	2,0	1,6	2,1
traumas, poisoning and consequences of other external reasons	12,9	11,4	8,9	13,2
other reasons	4,3	3,9	3,0	7,5

¹ Population aged 18 and older

Of total number of the injured, 2,5 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 2,1 thsd. persons (84,6%) were of working age.

HEALTH CARE AND SOCIAL PROTECTION

6.19. Number of newly recognized persons with disabilities by region*(source: the Ministry of Health of Ukraine; population aged 18 and older)*

	Total, thsd.					Including in rural area				
	2005	2010	2015	2020	2022	2005	2010	2015	2020	2022
Ukraine	212,2	173,5	138,2	117,7	145,2	64,9	54,0	47,9	43,1	51,4
Autonomous Republic of Crimea	11,3	7,2	...	...	...	4,0	2,3	...	...	...
oblasts										
Vinnitsya	7,8	7,2	7,0	5,3	7,2	3,6	3,4	3,2	2,5	3,2
Volyn	4,0	3,7	3,8	2,9	3,6	1,8	1,6	1,8	1,4	1,7
Dnipropetrovsk	15,5	11,7	11,0	8,8	10,8	2,0	1,7	1,8	1,4	1,5
Donetsk	24,4	16,7	6,7	6,1	2,1	2,7	1,5	1,0	1,4	0,5
Zhytomyr	6,3	5,2	4,6	4,3	6,2	2,5	2,2	1,9	1,8	2,2
Zakarpattia	5,3	4,3	3,9	3,3	7,3	3,7	3,0	2,7	2,3	4,6
Zaporizhzhya	7,9	7,2	6,9	6,4	7,7	1,5	1,4	1,4	1,3	0,9
Ivano-Frankivsk	5,5	4,5	4,8	4,5	6,5	3,1	2,4	2,6	2,8	3,7
Kyiv	7,1	6,4	6,4	5,5	6,6	2,8	2,4	2,5	2,2	2,5
Kirovohrad	4,6	3,7	3,7	2,8	3,2	1,6	1,5	1,4	1,3	1,4
Luhansk	10,6	8,8	2,1	1,6	0,1	2,6	1,4	0,7	0,4	0,0
Lviv	11,3	10,9	11,2	9,3	14,8	4,3	4,5	4,8	4,2	5,7
Mykolayiv	6,2	5,0	4,2	3,2	3,8	2,0	1,6	1,4	1,0	0,9
Odesa	12,9	9,4	7,9	7,3	12,5	4,7	3,7	3,2	3,4	5,1
Poltava	6,6	5,9	5,7	6,0	7,3	2,6	2,4	2,3	2,6	2,9
Rivne	5,0	4,3	3,7	3,0	3,9	2,5	2,2	2,1	1,7	2,2
Sumy	3,9	3,8	3,5	2,9	3,7	1,1	1,0	1,0	0,8	1,0
Ternopil	4,9	4,0	3,9	3,3	4,6	2,8	2,2	2,3	2,1	2,7
Kharkiv	9,9	8,8	8,5	7,3	7,0	1,7	1,5	1,8	1,3	0,8
Kherson	5,0	3,7	3,4	2,5	1,1	1,9	1,3	1,1	0,8	0,3
Khmelnyskiy	5,7	5,5	4,4	4,6	3,4	2,4	2,7	1,9	1,9	1,5
Cherkasy	6,2	5,7	4,1	3,7	3,7	2,4	2,1	1,6	1,6	1,5
Chernivtsi	4,0	3,2	3,2	2,7	5,4	2,3	2,0	1,9	1,7	3,2
Chernihiv	5,7	5,1	4,1	3,3	4,0	2,2	1,9	1,5	1,2	1,4
cities										
Kyiv	12,5	9,6	9,5	7,1	8,7	×	×	×	×	×
Sevastopol	2,1	2,0	...	...	...	0,1	0,1	...	...	...

6.20. Care homes for the aged persons and persons with disabilities (adults, children and the youth)*(source: the Ministry of Social Policy of Ukraine; end of year)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total care homes	275	319	323	290	286	284	282	281	282	225 ¹
including beds, thsd.	53,0	57,1	58,4	50,1	49,5	49,2	49,2	48,4	47,5	39,3 ¹
of which										
for the aged persons and adult persons with disabilities	43,8	48,3	50,3	43,2	43,0	43,4	43,7	43,4	42,7	39,3
for children and the youth with disabilities	9,2	8,8	8,1	6,8	6,5	5,8	5,5	5,0	4,8	...

¹ In 2022, the data are presented by care homes for the aged persons and persons with disabilities (adults)

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**6.21. Care homes for the aged persons and persons with disabilities
(adults, children and the youth), by region**

(source: the Ministry of Social Policy of Ukraine)

	Total care homes						In which beds					
	2000	2005	2010	2015	2020	2022 ¹	2000	2005	2010	2015	2020	2022 ¹
Ukraine	275	319	323	290	281	225	52997	57124	58349	50081	48448	39308
Autonomous Republic of Crimea	10	10	11	...	...	...	1802	1932	1985	...	...	...
oblasts												
Vinnysya	10	10	10	10	9	6	2041	2041	2041	2041	1951	1576
Volyn	6	6	6	6	6	6	915	915	915	835	835	914
Dnipropetrovsk	18	18	18	18	17	14	3720	3716	3925	3907	3692	3047
Donetsk	17	19	21	10	10	7	5185	5914	6194	3101	2736	2481
Zhytomyr	12	15	15	15	15	12	2249	2644	2630	2617	2574	2227
Zakarpattia	7	7	7	7	7	4	1396	1422	1310	1317	1312	905
Zaporizhzhya	11	11	11	12	10	5	2240	2390	2590	2777	2615	929
Ivano-Frankivsk	8	8	9	9	8	7	1325	1325	1440	1265	1260	1100
Kyiv	9	12	10	11	11	10	1699	1982	1874	2055	1976	1832
Kirovohrad	12	12	12	12	12	11	1590	1885	1890	1905	1896	1785
Luhansk	14	19	20	10	10	2	2616	3268	3540	1298	1288	181
Lviv	13	13	13	13	13	12	1650	1748	1808	1757	1871	1909
Mykolayiv	10	10	10	10	10	9	1417	1542	1553	1553	1553	1497
Odesa	10	10	10	10	10	8	2149	2140	2180	1988	1925	1285
Poltava	14	14	14	14	14	12	2600	2675	2555	2350	2305	1970
Rivne	7	7	7	7	7	7	1165	1151	1214	1210	1235	1629
Sumy	13	13	13	13	12	10	1957	2011	2001	1915	1915	1625
Ternopil	7	7	7	7	7	7	1276	1276	1276	1046	886	930
Kharkiv	16	18	18	18	18	16	3675	3660	3315	3352	3165	1937
Kherson	6	11	11	11	10	1	1443	1650	1688	1571	1534	–
Khmelnyskiy	7	31	31	29	27	26	1095	2027	2025	2025	2050	2418
Cherkasy	14	14	14	14	14	13	2205	2225	2317	2326	2301	2287
Chernivtsi	7	7	7	7	7	6	935	871	1140	1145	1103	1036
Chernihiv	9	9	9	9	9	8	1975	2028	2117	2018	1990	1681
cities												
Kyiv	7	7	8	8	8	6	2507	2507	2647	2707	2480	2127
Sevastopol	1	1	1	...	...	...	170	179	179	...	...	...

¹ In 2022, the data are presented by care homes for the aged persons and persons with disabilities (adults)

HEALTH CARE AND SOCIAL PROTECTION

6.22. Cash benefits to low-income persons incapable of working*(source: by Pension Fund of Ukraine; as of January 1, 2023)*

	Total, thsd. persons	Including in rural areas	Average amount of monthly benefit per person, UAH
Total	290,9	127,7	43,33
of which pensioners			
on disability	25,4	10,6	50,91
survivors who lost their benefactor	0,1	0,1	48,39
those receiving social pension	56,6	29,2	40,99
Out of the total number to lonely pensioners	1,6	0,8	52,84

6.23. Selected boarding schools and institutions for social protection of children¹*(end of year)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Boarding schools for orphans and children deprived of parents' guardianship ²										
institutions, units	44	54	77	23	9	9	8	8	1	1
enrolment ³ , persons	12254	11954	10135	2078	754	484	480	457	57	69
Children's homes										
institutions, units	83	109	113	42	34	30	27	22	17	12
of which by system the Ministry of Education and Science	82	105	110	40	32	28	25	22	17	12
enrollment ³ , persons	5552	6434	4771	1490	1442	1238	1070	900	662	519
of which by system the Ministry of Education and Science of Ukraine	5535	6341	4686	1444	1372	1187	1010	900	662	519
Homes of the child under the Ministry of Health of Ukraine										
institutions, units	47	50	48	40	40	39	39	40	37 ⁴	36 ⁴
Enrollment ³ , persons	4992	5267	3666	2415	2675	2764	2699	2387	2201 ⁴	2092 ⁴
Children care homes under the Ministry of Social Policy of Ukraine										
institutions, units	58	56	55	49	48	42	40	36	36	...
enrollment (children ³ and youth), persons	7977	7475	6879	5861	5692	5074	4706	4402	4332	...
Shelters for minors										
institutions, units	86	96	88	10	8	7	5	5	4	4
Children ^{3,4} , persons	27773	23674	11978	1123	1122	906	755	549	564	623

¹ Source: Ministry of Education and Science of Ukraine, Ministry of Social Policy of Ukraine, Ministry of Health of Ukraine² Since 2009, including special boarding schools and children in them³ The total number of children in facilities apart from orphans and children who are deprived from parental care, includes also children that have parents⁴ Were during the reporting year

At the end of 2022, 1224 children resided at 8522 family type children's homes, 2714 children in 5149 foster homes, and 4574 children in 73 centres of social and psychological rehabilitation.

HEALTH CARE AND SOCIAL PROTECTION

6.24. Adopted orphans and children deprived of parents' guardianship*(source: the Ministry of Social Policy of Ukraine; persons)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Quantity of adopted children during the year	7692	5241	4865	3212	2925	2757	2878	1964	2150	1727
Ukrainian citizens, total	5492	3085	3616	2808	2589	2379	2491	1709	1869	1609
from orphans and children deprived of parental guardianship	2043	1419	2247	1489	1518	1358	1435	992	1082	643
from children living with one of the parents and adopted either by step-father or step-mother	3449	1666	1369	1319	1071	1021	1056	717	787	966
adopted by foreigners, total	2200	2156	1249	404	336	378	387	255	281	118
from orphans and children deprived of parental guardianship	2200	2110	1202	379	323	372	375	247	272	109
from children living with one of the parents and adopted either by step-father or step-mother	...	46	47	25	13	6	12	8	9	9
Orphans and children deprived of parental guardianship by the end of year, total	...	97829	98119	73183	70241	69352	68877	68533	67586	59727

HEALTH CARE AND SOCIAL PROTECTION

6.25. Children who were in centres of social and psychological rehabilitation and shelter-care facilities for children*(source: the Ministry of Social Policy of Ukraine)*

	Children who were in centres of social and psychological rehabilitation				Children who were in shelter-care facilities			
	2010	2015	2020	2022	2010	2015	2020	2022
Total	3426	7880	6029	4574	11978	1123	549	623
town-dwellers	1902	4366	3272	2400	6591	619	207	347
rural dwellers	1524	3514	2757	2174	5387	504	342	276
boys	1943	4152	3173	2389	6939	610	288	304
girls	1483	3728	2856	2185	5039	513	261	319
Have complete family	993	1991	1952	1126	2995	231	165	203
Have incomplete family	1629	4196	4015	2569	7598	737	287	321
Children from families where parents evade their responsibilities	528	3265	3375	2615	x	x	x	x
Orphans and children deprived of parents guardianship								
those at boarding schools, children's houses, professional vocational and technical) educational institutions	343	119	117	83	758	66	28	28
those sent to centres to settle their affairs	390	975	717	594	x	x	x	x
those who live in family-type children's homes	x	x	x	x	59	10	24	30
those who live in tutors' family or with curators	71	567	256	202	568	79	45	41
Those in centres or shelter-care facilities due to ¹								
difficult life circumstances	2683	5798	4335	3274	x	x	x	x
absence of family environment	308	1777	1459	1057	x	x	x	x
transition from shelter-care facilities for children	428	228	102	153	x	x	x	x
cruel behaviour	7	77	123	90	x	x	x	x
physical abuse	x	x	x	x	75	15	10	8
mental violence	x	x	x	x	9	—	3	—
sexual violence	x	x	x	x	2	1	—	—
child's individual application	2031	304	103	68	905	103	27	124
withdrawal from family	x	x	x	x	5715	526	314	300
find on to street	x	x	x	x	435	15	28	34
involvement into the worst labour, sexual violence and as victims of human trafficking	x	x	x	x	8	—	—	—
leaving family without permission	x	x	x	x	3762	334	128	141
leaving boarding school without permission	x	x	x	x	661	54	19	7
transferring from other shelters	x	x	x	x	225	66	25	11
delivering from accepting and distribution center	x	x	x	x	65	2	—	—
delivering from health care institution	x	x	x	x	190	22	8	6
returning from prison	x	x	x	x	20	1	—	—
economic violence	x	x	x	x	31	5	—	2
Got into shelter-care facilities several times	x	x	x	x	701	63	40	30

¹ A child who had several reasons to be placed to centre or shelter-care facility has been recorded the relevant number of times

7. CULTURE AND SPORT

The section reports statistics on cultural institutions, and publication of printed editions. It also shows statistics on sanatoria and health resorts, leisure and sport and tourism facilities in Ukraine.

Cultural institutions comprise theatres, philharmonic societies, cinemas, publishing houses, museums, libraries, club institutions, circuses, parks for recreation and leisure, art schools (elementary specialised art educational institutions).

Cinemas are institutions for public viewing of films (cinemas, urban and rural film projectors, video halls and video units).

Sports school is a component of system for physical training and sports that gives knowledge, shapes and secures individual's needs in creative self-actualisation of sporting capabilities and skills of children and the young in order to train sportsmen of high qualification.

7.1. Cultural institutions in 1913–2022

	Theatres	Museums	Libraries ¹	Cinemas ¹
1913	47	36	3153	265 ²
1940	140	174	22297	5822
1950	81	137	34915	7188
1955	79	120	35079	9645
1960	68	132	32645	19668
1965	61	131	29238	26271
1970	66	147	27611	28816
1975	77	154	26884	27797
1980	84	167	26233	27690
1985	89	174	25978	28305
1990	125	214	25644	27211
1995	136	314	23816	16100
2000	131	378	20722	6877
2005	135	437	19821	3330
2010	140	546	19487	2196
2015	113	564	17272	1118
2016	112	576	17000	...
2017	112	574	16824	...
2018	...	...	16601	...
2019	...	...	16176	...
2020	...	...	16064 ³	...
2021	...	...	...	...
2022	...	...	13549	...

¹ Source: the Ministry of Culture and Information Policy of Ukraine

² At the end of 1914

³ Source: the State Agency of Ukraine on Arts and Art Education

CULTURE AND SPORT

7.2. Libraries, cinemas and club-houses

(source: the Ministry of Culture and Information Policy of Ukraine)

	Total							Including in rural areas						
	2000	2005	2010	2015	2020	2021	2022	2000	2005	2010	2015	2020	2021	2022
Total libraries, thsd.	20,7	19,8	19,5	17,3	16,1 ¹	...	13,5	15,7	15,1	14,9	13,7	12,9 ¹	...	...
Library stocks, mln. copies	343	330	326	266	191 ¹	...	173	151	146	138	116	99 ¹	...	...
Cinemas, thsd.	6,9	3,3	2,2	1,1	...	...	...	5,9	2,5	1,6	0,7	...	...	...
Number of spectators at film shows, mln.	6	10	9	11	...	...	...	2	1	0,4	0,1	...	...	...

¹ See the third footnote to Table 7.1

7.3. Art schools

*(source: the Ministry of Culture and Information Policy of Ukraine;
beginning of academic year)*

	Number of schools							In which pupils, thsd.						
	2000/ 01	2005/ 06	2010/ 11	2015/ 16	2020/ 21	2021/ 22	2022/ 23	2000/ 01	2005/ 06	2010/ 11	2015/ 16	2020/ 21	2021/ 22	2022/ 23
Music schools	1036	966	892	793	732	732	635	194,1	185,4	184,5	165,7	...	...	...
Special music schools (boarding schools)	4	4	6	4	5	1	5	1,7	1,7	2,2	1,6	...	...	...
Arts schools	307	370	432	370	457	457	512	77,6	101,7	124,2	109,4	...	...	...
Painting schools	130	124	125	109	108	108	91	18,5	20,1	23,9	19,8	...	...	...
Specialized painting schools (boarding schools)	1	2	1	1	2	—	2	0,5	0,6	0,1	1,3	...	...	...
Choreographic schools	9	12	10	8	9	8	10	1,9	2,3	2,2	1,9	...	...	...
Other art schools	8	8	11	10	14	14	10	1,4	1,6	2,1	2,0	314,8 ¹	314,8 ¹	270,7 ¹

¹ Due to the revision of the reporting about art schools, specialized art schools (boarding schools), there are no data on the distribution of students by types of art schools

CULTURE AND SPORT

7.4. Publication of books, magazines and newspapers

*(source: the State scientific institution
"Book Chamber named after Ivan Fedorov")*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Books and brochures										
Total publication, published items	7749	15720	22557	19958	22047	22612	24416	18967	21095	9691
Number of publication, mln. copies	44	54	45	36	45	47	61	42	45	12
of which										
in Ukrainian	29	33	25	24	33	38	53	37	40	11
Magazines and other periodic publication (excluding newspapers)¹										
Total publication, published items	1245	2182	2822	2847	2692	2619	2527	2244	2131	1439
Annual circulation, mln. copies	52	132	338	233	145	119	107	82	62	38
of which										
in Ukrainian	12	25	66	41	32	29	26	21	21	25
Newspapers										
Total publication, published items	2667	2974	2347	1846	1666	1736	1651	1529	1387	1089
Average one-off circulation, mln. copies	48	80	55	40	43	42	44	35	33	22
of which										
in Ukrainian	13	25	18	15	21	17	19	14	13	13
Annual circulation, mln. copies	3459	4960	3169	2349	2170	1827	1478	1155	1009	418

¹ Periodic publication (excluding newspapers) its magazines, publications, bulletins and bibliographic publications

CULTURE AND SPORT

7.5. Sports school for children in 2022, by region

(source: the Ministry of Youth and Sport of Ukraine; end of year)

	Sports schools for children and youths and Olympic reserve specialised sports schools for children and youths		Highest sport skills schools	
	number of schools	persons	number of schools	persons
Ukraine	1067	329156	34	3500
Autonomous Republic of Crimea	...	...	...	...
oblasts				
Vinnysya	54	16289	1	162
Volyn	28	8448	1	76
Dnipropetrovsk	81	31435	1	190
Donetsk	39	4749	1	221
Zhytomyr	41	11266	1	110
Zakarpattya	32	10546	1	87
Zaporizhzhya	36	8907	1	87
Ivano-Frankivsk	39	14885	1	55
Kyiv	52	19390	1	171
Kirovohrad	29	9580	1	53
Luhansk	12	300	1	82
Lviv	67	23702	1	140
Mykolayiv	45	9632	2	132
Odesa	72	20019	1	57
Poltava	42	14398	1	111
Rivne	34	11244	1	97
Sumy	43	12651	1	108
Ternopil	30	8822	1	100
Kharkiv	57	14293	2	309
Kherson	...	...	1	64
Khmelnyskiy	38	14397	1	103
Cherkasy	35	10503	1	125
Chernivtsi	28	9854	1	79
Chernihiv	41	10655	2	186
cities				
Kyiv	92	33191	7	595
Sevastopol	...	...	...	...

CULTURE AND SPORT

7.6. Activity of physical training and sports institutions

(source: the Ministry of Youth and Sport of Ukraine; end of year; thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Persons that go in for sport	1014,9	1266,0	1218,4	978,2	972,8	978,5	970,5	963,5	904,0	688,8
including										
sports school for children and the youth, Olympic reserve specialised schools for children and the youth and the highest sport skills schools	634,0	723,7	619,8	494,3	496,3	474,8	464,6	456,4	438,2	332,7
females	247,2	322,9	290,3	240,6	229,9	231,0	229,4	232,5	221,2	180,4
disabled	7,2	17,3	19,7	12,7	11,4	11,6	11,3	10,6	10,7	8,1
Persons that engaged of physical training and health activities	4105,1	5030,9	4918,3	4388,9	4867,2	5048,5	5167,1	4892,8	4477,1	4093,1
including										
at pre-school educational institutions ¹	...	...	420,8	508,1	524,7	570,1	664,0	613,1	549,8	401,2
at general secondary educational institutions ¹	1914,2	2037,4	1520,2	1396,8	1726,5	1804,1	1913,4	1843,6	1978,9	1673,1
at professional (vocational and technical) educational institutions ¹	129,5	167,6	134,6	100,9	117,4	116,8	114,3	118,8	99,5	82,5
at tertiary educational institutions ¹	330,8	510,0	607,5	511,3	492,4	490,2	430,7	429,2	458,9	421,6 ²
enterprises, institutions and organisations that engaged in physical training and health activities, by place of residence, in institutions of extracurricular education	1623,7	2150,8	2235,2	1871,8	2006,3	2067,4	2044,6	1888,0	1390,0	1514,7
Of the total number of people engaged in physical training and health activities										
females	1251,0	1598,8	1723,4	1620,3	1998,2	2007,9	2107,9	1983,8	1855,4	1779,7
disabled involved in rehabilitation and health improving activity	22,1	33,5	43,3	36,1	46,6	46,5	58,5	55,6	50,0	39,4

¹ Excluding the persons who attended classes (lessons) in physical training (physical education), which is carried out in the framework of the educational process

² Including 126,0 thsd. persons in vocational pre-higher education institutions

CULTURE AND SPORT

7.7. Sports facilities

(source: the Ministry of Youth and Sport of Ukraine; end of year)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Stadiums with stands for 1500 seats and more	1128	1147	1108	974	963	956	960	960	934	854
Sports grounds	35674	39977	40260	36065	36684	37090	35028	34310	35744	33284
including tennis-courts	845	1205	1344	1127	1136	1150	1177	1173	1182	1115
Football grounds	9910	11248	11730	10851	11135	11097	10900	10859	11345	10520
Ski lodges	122	103	72	55	57	58	62	61	52	52
Shooting range, covered and semi-covered, at least 25 m long	7598	6538	5379	4299	4147	4110	3839	3771	3322	3008
Swimming pools	509	510	593	492	557	545	557	566	639	632
of which										
50 m long	50	44	52	44	47	46	47	47	46	46
Covered	419	436	503	419	492	471	484	486	...	...
including 50 m long	26	24	25	20	23	21	24	22	...	...
Gymnasiums with 162 sq.m space	17032	17189	17176	14772	14791	14771	14634	14618	14053	12935
Track-and-field shots that are not a part of stadiums	183	231	257	241	225	224	234	235	220	194
Grounds equipped with simulators	11300	11286	11738	12115	13208	13726	13955	14161	10568	9793
Premises for physical training and health improving sessions	13139	15180	16234	13823	...	...	...	...	...	...
of which equipped with simulators	4315	5494	5810	4756	...	...	...	...	...	...
Jump skis	19	22	25	25	31	30	31	31	30	30
of which for freestyle	3	5	6	6	9	8	9	9	11	11
Horse riding sports centers	29	33	57	48	53	53	54	54	49	48
Cycle tracks	4	4	4	3	5	5	5	5	5	6
Facilities with manufactured ice	10	13	61	57	54	54	56	55	57	56
of which with area of 30×61 m	8	10	28	33	37	35	38	38	...	...

CULTURE AND SPORT

7.8. Physical training and health activities in 2022

(source: the Ministry of Youth and Sport of Ukraine; end of year)

	Persons that engaged in types of physical training and health activities	Of which persons aged 6–18
Total	4093134	2716179
including		
at pre-school educational institutions ¹	401175	20503
at general secondary educational institutions ¹	1673141	1673141
at professional (vocational and technical) educational institutions ¹	82504	70375
at vocational pre-higher education institutions ¹	126024	86420
at tertiary educational institutions ¹	295557	111161
at out-of-school educational institutions	90516	87446
in enterprises, institutions and organisations	1042685	525233
in organisations that engaged in physical training and health activities, by place of residence	381532	141900
Of the total number of disabled involved in rehabilitation and health improving activity	39371	...

¹ See the footnote to Table 7.6

8. JUSTICE AND CRIME

Criminal Code of Ukraine is a systemized set of legal rules established by the highest legislative body that define what socially dangerous acts are criminal and what punishments are to be administered for persons who committed crimes.

Criminal offence is a socially dangerous guilty act (action or inactivity) specified by the Criminal Code and which was committed by a subject of criminal offence. Criminal offences are split into criminal misdeeds and crimes.

Crime is a socially dangerous guilty, illegal and criminally punishable act (action or inactivity) committed by subject of crime.

Crimes are split into non-grave, grave and especially grave crimes.

The responsibility of minors – persons are subject to criminal responsibility who before committing criminal offence turned 16 year old.

Persons who committed criminal offences at the age of 14 to 16 year old are subject to criminal responsibility only for intentional homicide, infringement of life of the state or public person, law enforcement employee, member of public organization dealing with public order maintenance and border control, or serviceman, judge, juryman due to their activity connected with justice, defender or representative of a person due to activity connected with giving the legal

aid, representative of foreign country, intentional grave bodily injury, intentional medium gravity bodily injury, animal cruelty, sabotage, racketeering, terroristic attack, hostage taking, rape, sexual violence, theft, robbery, banditry, blackmailing, intentional destruction or damage of property, damage of communication lines and transport vehicles, high jacking or capture of rail rolling-stock, air, sea or river vessel, transport vehicle unlawful seizure, hooliganism.

Narcotic drugs are natural or synthetic substances, preparations, plants included into the List of narcotic drugs, psychotropic substances and precursors.

Psychotropic substances are natural or synthetic substances, preparations, natural materials included into the List of narcotic drugs, psychotropic substances and precursors.

Precursors are narcotic drugs and psychotropic substance (further referred to as the precursors) – substances that are used for the production, making of narcotic drugs, psychotropic substances included into the List of narcotic drugs, psychotropic substances and precursors.

Fire is an uncontrolled process of elimination or damage of property by fire during which emerge the factors which are dangerous for creatures and environment.

JUSTICE AND CRIME

8.1. Number recorded criminal offences, by individual species¹

(thsd.)

	2000	2005	2010	2015 ²	2017 ²	2018 ²	2019 ²	2020 ²	2021 ²	2022 ²
Total recorded criminal offences	567,8	491,8	505,4	565,2	523,9	487,1	444,1	360,6	321,4	362,6
of which										
premeditated murders	5,1	3,3	2,4	3,2	1,6	1,5	1,5	1,4	1,3	5,3
premeditated severe injuries	6,9	5,7	3,8	2,6	2,2	2,2	2,0	1,8	1,7	1,6
rapes	1,2	0,9	0,6	0,3	0,3	0,2	0,4	0,4	0,4	0,3
hooliganism	23,4	15,0	9,2	4,1	3,4	3,3	3,4	2,5	1,9	1,1
violent crime	5,6	6,7	4,0	3,6	3,0	2,3	1,9	1,4	1,0	0,5
robberies	23,0	47,1	23,3	22,1	18,1	13,8	11,2	7,5	4,8	2,2
extortion	2,7	1,2	0,5	0,6	0,7	0,6	0,7	0,7	0,6	0,4

¹ In 2000, data from the Ministry of Internal Affairs of Ukraine, since 2005, including data from the State Tax Service of Ukraine, in 2013, data from Prosecutor General's Office of Ukraine

² Including all messages about crimes committed on the temporarily occupied territory and registered with other territorial bodies of pre-trial investigation

Out of all crimes identified by law enforcement agencies in 2022, 231,2 thsd. were classified as grave and very grave offences.

8.2. Number of the registered criminal offences, by region¹

(thsd.)

	2000	2005	2010	2015 ²	2017 ²	2018 ²	2019 ²	2020 ²	2021 ²	2022
Ukraine	567,8	491,8	505,4	565,2	523,9	487,1	444,1	360,6	321,4	362,6
Autonomous Republic of Crimea	30,2	23,8	33,5	0,4	0,2	0,2	0,1	0,1	0,2	0,3
oblasts										
Vinnitsya	14,0	12,5	12,8	16,8	14,3	12,6	11,8	10,0	10,1	9,0
Volyn	7,6	8,6	8,3	10,7	10,8	9,3	10,5	9,7	9,1	7,4
Dnipropetrovsk	65,6	46,5	49,6	50,1	44,3	45,7	42,2	30,1	26,8	20,4
Donetsk	54,6	58,2	62,6	34,7	26,1	23,8	23,6	21,3	18,0	40,9
Zhytomyr	15,8	10,0	10,2	13,9	14,8	14,2	12,8	10,7	8,6	8,5
Zakarpattia	6,7	6,6	6,8	11,4	11,2	11,0	11,8	8,9	8,5	9,5
Zaporizhzhya	32,6	28,4	27,9	41,8	31,9	26,6	23,0	18,7	13,7	15,6
Ivano-Frankivsk	8,9	7,5	5,8	8,5	8,2	7,4	7,8	6,7	7,0	5,8
Kyiv	15,9	13,5	16,6	25,2	25,7	20,1	17,2	15,6	16,7	26,2
Kirovohrad	12,8	9,6	11,9	18,4	16,7	15,4	12,9	10,8	9,2	8,4
Luhansk	39,3	35,3	32,1	12,5	11,4	10,4	8,5	8,0	6,9	16,6
Lviv	22,1	18,7	17,3	33,2	27,5	25,8	26,1	20,5	17,1	15,3
Mykolayiv	17,9	14,2	12,7	19,5	16,8	19,1	17,7	14,3	11,2	11,7
Odesa	26,9	23,5	24,8	29,4	32,6	33,0	24,6	22,1	19,6	16,9
Poltava	17,7	17,9	16,4	23,5	22,7	21,4	19,2	15,6	12,9	12,4
Rivne	7,5	7,7	7,5	11,1	11,4	10,3	10,3	9,5	8,8	7,4
Sumy	14,5	11,3	10,7	14,3	12,5	11,9	10,9	9,9	8,6	8,7
Ternopil	6,4	5,7	5,4	7,2	7,6	7,1	6,7	6,1	6,2	5,2
Kharkiv	43,1	32,0	28,3	40,9	35,0	36,4	31,7	26,1	24,8	33,5
Kherson	14,4	13,2	12,3	16,1	16,8	16,0	15,6	12,7	10,0	18,0
Khmelnytskyi	10,4	10,6	10,9	12,6	11,6	11,2	10,0	6,2	5,6	5,4
Cherkasy	14,4	10,3	9,7	16,4	17,8	15,6	13,6	10,0	8,3	8,2
Chernivtsi	4,8	5,1	6,7	9,2	9,2	7,7	7,3	6,3	6,3	6,0
Chernihiv	12,6	9,5	9,6	15,8	14,9	14,2	13,9	10,9	8,8	10,7
cities										
Kyiv	28,6	33,4	36,5	66,1	70,7	60,0	53,8	39,3	38,3	34,5
Sevastopol	4,3	4,7	5,5	0,0	0,0	0,0	0,0	0,0	0,1	0,1

¹ See the first footnote to Table 8.1

² See the second footnote to Table 8.1

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8.3. Criminal offences in the sphere of distribution of narcotic drugs, psychotropic substances, their analogues or by precursors¹

	2000	2005	2010	2015 ²	2017 ²	2018 ²	2019 ²	2020 ²	2021 ²	2022 ²
Total recorded criminal offences	45748	65017	56878	25908	29010	27007	28774	28204	29587	34398
including										
theft, appropriation, extortion of drugs, psychotropic substances or similar products or cartured by swindle or abuse of official position	332	352	255	31	28	21	28	51	356	338
illegal production, purchase, storage, transportation and trafficking of drugs psychotropic substances or their analogues for sale or other purposes (plus sales)	40138	53456	47702	21504	25100	23475	25005	24381	25103	30302
inclination for drugs psychotropic substances or their analogues	385	965	618	158	44	34	45	37	17	7
setting up and keeping places for illegal consumption, production or the making of drugs, psychotropic agents or similar products	1664	2743	2150	1044	590	511	509	426	357	234

¹ Before 2010, data from the Ministry of Internal Affairs of Ukraine, in 2013, data from Prosecutor General's Office of Ukraine

² See the second footnote to Table 8.1

8.4. Court convictions, by selected crime¹

(source: the State Judicial Administration of Ukraine; thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total convicted	230,9	176,9	168,8	94,8²	76,8²	73,7²	70,4²	67,5²	64,1²	49,7²
of whom of										
premeditated murders	3,9	2,1	2,0	0,8	0,6	0,5	0,4	0,5	0,4	0,4
premeditated severe injuries	4,9	4,1	3,4	1,7	1,3	1,1	1,1	1,1	1,0	0,8
rapes	0,9	0,7	0,4	0,1	0,1	0,0	0,1	0,1	0,1	0,1
hooliganism	108,4	60,1	61,0	41,2	34,2	34,0	32,1	28,6	24,6	15,5
violent crime	4,9	4,4	3,8	1,0	0,9	0,6	0,6	0,6	0,5	0,3
robberies	10,0	13,4	11,6	4,8	4,1	3,5	3,5	3,2	2,8	1,7
extortion	1,4	0,7	0,4	0,1	0,1	0,1	0,1	0,0	0,1	0,0

¹ In 2000, including those convicted by interregional court; since 2005, those convicted by military courts

² Excluding some courts of Donetsk and Luhansk oblasts

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8.5. Court convictions, by region¹

(source: the State Judicial Administration of Ukraine; thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	230,9	176,9	168,8	94,8²	76,8²	73,7²	70,4²	67,5²	64,1²	49,7²
Autonomous Republic of Crimea	10,9	10,2	8,2	...	...	...	...	...	...	...
oblasts										
Vinnysya	7,7	5,2	6,1	3,8	3,6	2,8	2,8	2,6	2,7	2,8
Volyn	3,7	3,2	3,3	2,5	1,8	1,8	1,8	1,7	1,9	1,7
Dnipropetrovsk	22,1	13,6	14,9	11,2	8,4	8,4	7,7	9,0	8,3	7,0
Donetsk	25,8	22,2	20,3	5,7	5,5	5,0	4,9	4,5	3,9	0,6
Zhytomyr	5,8	4,5	4,7	3,3	2,6	2,8	2,5	2,1	2,1	1,7
Zakarpattia	3,7	2,6	2,9	1,9	1,7	1,7	1,5	1,6	2,0	2,2
Zaporizhzhya	13,3	11,4	9,7	5,6	4,0	4,1	3,7	3,7	3,1	1,1
Ivano-Frankivsk	3,6	3,4	3,4	1,8	1,5	1,4	1,4	1,4	1,4	1,6
Kyiv	8,1	5,6	4,8	4,4	3,3	3,1	3,2	2,7	2,1	2,4
Kirovohrad	6,1	4,0	4,7	3,2	2,7	2,2	1,9	1,8	1,8	1,5
Luhansk	17,4	12,9	12,7	2,0	2,7	2,6	2,2	1,9	1,5	...
Lviv	8,4	6,0	5,7	4,6	3,6	3,7	3,6	3,4	4,0	3,9
Mykolayiv	6,5	6,8	5,6	3,8	2,4	2,3	2,5	2,4	1,7	1,1
Odesa	12,6	9,2	8,3	4,6	3,5	3,6	3,2	3,2	3,4	3,5
Poltava	7,0	6,7	4,7	4,6	4,3	3,6	3,4	3,4	3,0	3,4
Rivne	3,2	3,0	3,3	2,4	2,1	1,8	1,8	1,8	1,9	1,8
Sumy	6,8	4,6	5,0	2,9	2,7	2,7	2,6	2,2	2,4	1,6
Ternopil	3,0	2,1	2,5	1,6	1,1	1,2	1,0	1,0	1,1	1,1
Kharkiv	15,8	13,7	8,6	7,4	5,7	5,5	5,4	4,9	4,8	1,7
Kherson	6,8	5,5	5,3	3,4	2,3	2,1	2,3	2,1	2,0	...
Khmelnyskiy	4,8	4,1	4,6	2,6	2,1	2,0	2,3	1,8	1,5	1,7
Cherkasy	7,0	4,2	4,4	2,7	1,8	1,8	1,7	1,7	1,8	2,0
Chernivtsi	2,9	1,8	2,1	1,5	1,5	1,2	1,3	1,0	1,1	1,3
Chernihiv	6,2	4,6	4,4	3,0	2,2	2,1	1,9	1,9	1,7	1,2
cities										
Kyiv	9,3	3,9	6,5	4,2	3,8	4,2	3,8	3,7	2,9	2,8
Sevastopol	1,9	1,3	1,4	...	...	...	...	...	...	...

¹ See the first footnote to Table 8.4

² See the second footnote to Table 8.4

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8.6. Institutions executing sentences and number of prisoners

(source: the Ministry of Justice of Ukraine; end of year)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Number of institutions executing sentences	182	182	182	146	131	131	122	109	109	102
including										
for females	11	11	15	11	10	10	9	7	7	5
for minors	11	11	10	6	3	3	2	1	1	1
Number of prisoners, thsd	179293	139526	117920	55861	40035	37827	36094	33994	33147	29434
including										
for females	10942	8451	6731	2796	1883	1711	1592	1478	1480	1347
for minors	2548	2185	926	230	93	69	44	41	32	29

8.7. Number and composition of children who are registered with units for preventive activity on juvenile prevention

(source: the National Police of Ukraine; end of year; thsd.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total	39,8	41,5	20,3	4,9	4,3	3,8	3,7	1,8	1,9	1,5
Of whom										
pupils of general secondary education institutions	15,6	22,5	11,4	2,3	1,9	1,6	1,6	0,8	0,9	0,7
pupils of professional (vocational and technical) educational institutions	6,5	7,0	3,5	1,8	1,7	1,5	1,3	0,7	0,6	0,4
do not work or study	10,0	7,8	4,1	0,5	0,5	0,5	0,5	0,2	0,2	0,2
have one parent	10,4	11,0	5,8	1,7	1,7	1,2	1,1	0,5	0,5	0,4
have no parents	0,9	1,2	0,8	0,3	0,3	0,2	0,2	0,1	0,1	0,1
live in boarding schools and orphanages family-type and in foster families	1,0	1,7	1,1	0,1	0,1	0,1	0,1	0,1	0,0	0,1

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8.8. Consideration of cases (applications) by courts of first instance in the procedure of civil justice

(source: the State Judicial Administration of Ukraine; thsd.)

	2010		2015		2020		2021		2022	
	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)
Total cases	2193,3	1691,6	947,2	756,9	726,4	587,9	931,1	748,3	579,0	453,7
of which										
reinstatement	4,4	1,8	2,1	0,8	1,5	0,6	1,9	0,8	1,8	0,8
payment of wages	18,7	12,3	8,6	6,1	8,3	6,7	6,3	4,7	3,1	2,2
indemnification of financial damage, inflicted by employees to state enterprise, establishment, organisation	0,7	0,4	0,4	0,2	0,2	0,1	0,2	0,1	0,1	0,1
divorce	153,5	122,4	109,5	95,2	101,1	90,9	101,2	91,8	82,2	73,8

8.9. State notary services

(source: the Ministry of Justice of Ukraine)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total state notary offices, units	795	826	843	780	751	729	724	719	710	705
Number of private notaries, persons	2035	3273	5325	5697	5544	5617	5746	5779	5730	5647
Number of the performed notarial acts, thsd.										
by state notary offices	3920	4094	3284	1731	1519	1391	1293	1045	1145	619
by private notaries	7709	14510	13609	10812	10943	11178	11308	9388	11833	6618
Amount of the state duty charged for performing notarial acts by the state notary offices, mln. UAH	50,8	71,2	62,8	65,1	63,5	70,8	80,3	67,1	84,6	39,8
Amount of taxes paid to the budget for performing notarial acts by private notaries, mln. UAH	29,9	47,8	85,9	140,4	236,7	265,1	303,7	301,6	303,4	282,6

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8.10. Fires

(source: the State Service of Ukraine of Emergencies)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total fires, units	61526	53751	64743	82016	85724	80106	97435	104123	80383	82041
Fire consequences										
total killed, persons	2423	4182	2823	1993	1866	1959	1902	1730	1856	1642
of whom children	149	119	95	66	68	52	58	46	35	37
total injured, persons	1532	1912	1551	1473	1642	1596	1650	1554	1473	1682
total rescued, persons	6901	4114	5259	2454	2384	2424	1986	1831	1787	1912
Total direct losses, mln. UAH	70,3	292,5	669,8	1637,7	6106,6	2401,0	3249,5	21212,9	3209,0	36793,6
Destroyed or damaged, units										
buildings and dwellings	17704	20918	22304	26913	24924	25426	25921	28067	23090	35762
vehicles	2142	2457	3195	3995	4510	4809	5031	5184	4877	6860

8.11. Fires, by cause

(source: the State Service of Ukraine of Emergencies)

	2018	2019	2020	2021	2022
Total fires	80106	97435	104123	80383	82041
Arson	3024	3100	3912	2681	1485
Equipment disrepair, violation of the technological process of production	176	170	178	165	126
Violation of fire safety rules during the installation and operation of electrical installations	1068	870	801	816	496
Short circuit	10252	9886	9767	10618	9789
Violation of fire safety rules during operation of electrical appliances	401	347	294	316	211
Violation of fire safety rules during fire works	273	256	330	294	192
Explosion	84	53	55	51	2084
Self-ignition substances and materials	240	290	357	237	349
Violation of the rule equipment and operation furnaces	5743	4722	4926	5969	4544
Violation of the rule equipment and operation of heat generating units and installations	193	159	198	192	152
Violation rules of operation household gas, kerosene and other products	343	375	388	339	324
Careless use of fire	42736	54590	59144	40892	35207
Children's mischief with fire	609	598	579	425	323
Lightning discharge	336	349	258	276	172
Vehicle malfunction	2285	2484	2542	2862	2133
Road accident	73	92	106	93	62
Entering the ignition source from the outside	10328	16543	17256	12446	10930
Unidentified reasons	56	91	197	212	930
Other reasons	1886	2460	2835	1499	12532

9. NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Total land area is an area of land together with the internal waters located within the State border.

Preserves are natural protective and research establishments of international and national importance created for the purpose of preservation of the typical biosphere or landscape for ecological monitoring, development of research protection and effective use of environment.

National nature parks are natural protective, recreational, culture and educational, research establishments of national importance that are created to preserve, recreate and use effectively the nature complexes and objects which are of special importance, and have health, historical and cultural, scientific, educational and aesthetic value.

Use of fresh water is the volume of water collected from natural sources or obtained from the water supply system of other users, which is used for satisfaction of different needs. Water use composition does not include the volumes of return and successive (reuse) water use (apart from water that was supplied to compensate for loss into these return and successive water economy systems) as well as collector and drainage water.

Fresh water is natural water with low content of salts. Usually it is regarded as fit for abstraction and purification in order to obtain drinking water.

Fresh water abstraction is water taken from any sources (sources of surface water such as rivers, lakes, water storage basins or showers and sources of subsoil water) for ever or temporary. It includes water abstraction by water supply sphere for

distribution and direct water abstraction for other types of activities and one's own needs.

Water use for production needs (except agricultural use) is volume of water used for technical needs of industry, transport, construction and other sectors of the national economy. It also includes fresh water entry for recycled water supply systems and water volumes, which were using in pond fish culture.

Water use for household needs is water volume used for domestic (communal) population needs (including needs of enterprise workers).

General water drain is the volumes of water discharged into the natural water bodies and transferred to other users.

Contaminated return waters are the industrial and domestic (municipal) effluents (including mine, reservoir, drainage), as well as volley discharges entering surface water bodies without treatment or after insufficient treatment and containing pollutants in quantities which leads to violation of the established norms of water quality in the control area. These do not include the amount of effluent coming to the filtration fields, in the storage, on the terrain, etc.

Regulatory-treated return waters are effluents that have been purified at the relevant facilities and the discharge of which after purification into water bodies does not violate the established standards of water quality in the control area or point of water use.

Circulating and re-successive water supply is the volume of fresh water saving owing to the use of the system for return and recycling water including the usage of waste and collector

and drainage waters. Water recycling does not include water losses in the systems for communal and production heat supply.

Capacity of treatment facilities is the maximum volume of return waters that can be purified in the treatment facilities at the end of reference period.

The return water discharge into the surface water bodies is the volumes of standard and clean, standard and purified, and polluted flows (production and communal) discharged into water bodies located on the land surface.

Pollutant substance is any substance or material of physical, chemical or biological nature that has negative impact on the air, water, land or biot.

Stationary pollutant source is enterprise, shop, power unit, processing unit or other immovable object that preserves its space coordinates during certain time and makes emissions of pollutants into the air.

Mobile pollution source is a transport vehicle whose movement is accompanied by pollutant emissions into the air. In particular, it is motor, rail, air, water transport and manufacturing machinery.

Emission of the pollutants into the atmosphere from stationary source is total amount of contaminants coming to the air basin from stationary sources both after treatment at dust-arresting and gas-cleaning systems as a result of insufficient capture and purification at organised sources and without treatment from organised and non-organised sources of pollution.

Emission of the pollutants into the atmosphere from mobile sources is total amount of contaminants coming to atmosphere from motor road, air, rail and water transport, and manufacturing technics.

Emissions are supply of pollutants or

mixture of such substances into the air by stationary and mobile pollution sources.

Hazardous wastes are wastes that have such physical, chemical, biological or other hazardous properties that create or can create significant danger to environment and human health and which require special methods and ways to treat them.

Treatment of waste are actions directed on waste generation prevention, collection, transportation, storage, processing, recycling, removing, neutralization and waste disposal including these operations supervision and control over the utilization sites.

Disposal of wastes is the operations with wastes that do not lead to their utilization.

Utilization of wastes is the usage of the wastes as the secondary material or energy resources.

Wastes incineration is the regulated process for the incineration of solid, liquid or gaseous wastes at high temperatures.

Specially allocated sites and disposal facilities are the sites or facilities for the final waste placement, for the usage of which the permit from specially authorized central executive body in the sphere of waste management was received.

Capital investment into environmental protection are investment for purchasing the new and the used or produced through one's own resources for own use tangible and intangible assets, expenditure for capital repair and modernization in order to protect the environment.

Accumulation of waste is the final placement of waste that is not subject to utilization or processing at specially allocated sites or facilities.

Waste are any substances, materials and things generated during production or consumption processes and also the goods

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(products) fully or partly have lost their consumer properties, have no further use at a place of their generation or revealing, and their owner should eliminate them by recycling or removing.

Costs on major repair of capital assets related to environment protection are all costs in a reporting year for improvement works that lead to increase in future economic benefit primarily expected from the object use and to

the amount of which the primary value of fixed capital increases.

Current costs on environmental protection are costs for the support (maintenance and exploitation) of object (fixed assets related to environmental protection) in active status and included to the composition of costs of the current period.

LAND

9.1. Lands of Ukraine

(source: the State Service on Geodesy, Cartography and Cadaster of Ukraine; as of January 1, 2020)

	Area, thsd.ha	Percentage of total land
Total land area	60354,9	100,0
agricultural lands	41310,9	68,5
forest and forested land	10686,8	17,7
built areas	3767,5	6,2
land under water	2415,4	4,0
open swamp areas	973,8	1,6
other land	1200,5	2,0

9.2. Preserves and national nature parks

	2000	2005	2010	2015 ¹	2017 ¹	2018 ¹	2019 ¹	2020 ¹	2021 ¹	2022 ¹
Total preserves and national nature parks	31	36	45	72	73	73	76	77	77	80
Their area, thsd.ha	887,5	1056,5	1310,5	1769,1	1997,4	1997,4	2063,9	2072,8	2074,5	2125,5

¹ Source: the Ministry of Environment Protection and Natural Resources of Ukraine

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WATER RESOURCES

9.3. General indicators of water use

(source: the State Agency of Water Resources of Ukraine; mln.cub.m)

	2000	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022 ¹
Water abstraction from natural water objects, total	18282	15083	14846	9699	9224	11296	11111	9952	8857	4883
of which fresh water	17466	14255	13916	9109	8635	10705	10596	9459	8349	4861
Losses of water while transporting	2477	2327	2158	1139	1145	1142	1119	1190	847	541
Use of fresh water (including the sea water)	12991	10188	9817	7125	6853	7363	7318	7238	6143	3401
of which fresh water	12175	9360	8886	6556	6284	6790	6821	6761	5649	3397
used for needs										
production	6141	4878	5511	4491	4015	4499	4723	4532	4047	2397
drinking and sanitary and hygienic	3311	2409	1917	1267	1174	1171	1148	1169	1019	753
for irrigation	1699	1186	1377	1237	1549	1591	1343	1453	970	143
other	1840	1715	1012	130	115	102	104	84	107	108
General water drain ²	10964	8900	8141	5581	4921	5412	5573	5292	4837	3091
Water discharge into surface water bodies	10517	8553	7817	5343	4715	5210	5374	5159	4685	3625
polluted return waters	3313	3444	1744	875	997	952	737	518	542	374
without purification	758	896	312	184	158	141	139	100	120	80
insufficiently purified	2555	2548	1432	691	839	811	598	418	422	294
purified according to standards	2100	1315	1760	1389	1023	1058	1188	1425	1430	1055
regulatory clean without purification	5104	3794	4313	3079	2550	3048	3285	3216	2713	1551
non-categorized	...	...	...	...	145	152	164	—	—	—
Recycling, repeated and consistent of water use	41523	47167	43138	40306	38716	34370	33646	35432	34122	18988
Capacity of purifying facilities	7992	7688	7425	5801	5415	5378	5546	5142	5521	4426

¹ Data for 2021 and 2022 may be revised

² Excluding transit and discharge to canals

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ATMOSPHERE

9.4. Pollutants and greenhouses gases emissions into the air

	(thsd.t)								
	2005	2010	2015	2017	2018	2019	2020	2021 ¹	2022 ^{1,2}
Pollutants and greenhouses gases emissions into the air – total	6615,6	6678,0	4521,3	4230,6	4121,2	4108,3	3675,3	3788,8	...
of which									
sulfur dioxide	1132,8	1235,2	854,0	744,4	716,7	695,8	619,2	595,3	...
nitrogen peroxide	523,9	603,7	453,0	384,3	385,7	383,9	343,1	348,4	...
nitrogen oxide	x	8,9	10,1	9,7	9,6	7,8	4,3	4,5	...
carbon oxide	2975,2	2951,9	1971,9	1986,9	1974,9	2003,6	1792	1869,2	...
methane	x	853,0	519,4	504,1	456,1	446,8	434,1	460,1	...
non-methane volatile organic compounds	x	359,3	225,8	223,6	206,5	205,1	182,3	195,2	...
weighted suspension particles	711,3	594,5	377,4	343,3	342,2	336,8	273,5	289,5	...
ammonia	x	25,1	18,8	17,4	16,8	17,9	17,6	17,6	...
Pollutants and greenhouses gases emissions by stationary sources of pollution	4464,1	4131,6	2857,4	2584,9	2508,3	2459,5	2238,6	2242,0	...
of which									
sulfur dioxide	1119,5	1206,3	830,3	726,2	698,1	676,0	601,0	575,7	...
nitrogen peroxide	343,7	310,5	233,8	215,5	215,3	205,1	181,3	174,0	...
nitrogen oxide	7,1	6,8	8,7	8,9	8,8	7,0	3,5	3,6	...
carbon oxide	1320,5	1063,8	764,1	728,4	744,3	748,4	707,3	704,3	...
methane	811,1	844,8	514,1	499,0	451,1	441,7	429,2	454,9	...
non-methane volatile organic compounds	91,1	66,0	47,3	53,1	43,7	42,5	40,6	41,1	...
weighted suspension particles	697,9	562,1	349,6	319,5	317,5	310,3	248,9	262,9	...
ammonia	17,9	25,1	18,8	17,4	16,8	17,9	17,6	17,6	...
Pollutants and greenhouses gases emissions by mobile sources of pollution³	2151,5	2546,4	1663,9	1645,7	1612,9	1648,8	1436,7	1546,8	...
of which									
sulphur dioxide	13,3	28,9	23,7	18,2	18,6	19,8	18,2	19,6	...
nitrogen peroxide	180,2	293,2	219,2	168,8	170,4	178,8	161,8	174,4	...
nitrogen oxide	...	2,1	1,4	0,8	0,8	0,8	0,8	0,9	...
carbon oxide	1654,7	1888,1	1207,8	1258,5	1230,6	1255,2	1084,7	1164,9	...
methane	...	8,2	5,3	5,1	5,0	5,1	4,9	5,2	...
non-methane volatile organic compounds	...	293,3	178,5	170,5	162,8	162,6	141,7	155,1	...
soot	13,4	32,4	27,8	23,8	24,7	26,5	24,6	26,6	...
ammonia	...	0,022	0,011	0,008	0,007	0,006	0,007	0,008	...
Besides emission of carbon dioxide – total, mln.t	x	198,2	162,0	148,2	150,5	147,2	136,3	x	...
of which									
by stationary sources of pollution	152,0	165,0	138,9	124,2	126,4	121,3	111,9	111,9	...
by movable sources of pollution ⁴	...	33,2	23,1	24,0	24,1	25,9	24,4	...	...

¹ Data for 2021 and 2022 may be revised

² Preliminary data on the total emissions of pollutants in this country as a whole and from mobile sources of pollution.

³ Since 2017, the data reflect emissions from motor road transport

⁴ Since 2017, data on carbon dioxide emissions from motor road transport are presented, according to the Ministry of Environmental Protection and Natural Resources

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

WASTES

9.5. Basic indicators for the generation and treatment of wastes of 1st–4rd hazard category

(thsd.t)

	2005	2010	2015	2017	2018	2019	2020	2021	2022
Generation ¹	231189,5	425914,2	312267,6	366054,0	352333,9	441516,5	462373,5	...	...
including from economic activity	231189,5	419191,8	306214,3	360196,0	346790,4	435619,8	456423,8	...	...
Collected, received from the outside	...	30015,1	22776,0	19082,1	18700,0	20322,7	20304,1	...	...
Imported	...	4,1	3,4	112,0	89,4	22,0	2,7	...	...
Utilized	...	144866,6	92463,7	100056,3	103658,1	108024,1	100524,6	...	...
Burned off	...	1058,6	1134,7	1064,3	1028,6	1059,0	1008,0	...	...
Transferred for utilization ²	...	41822,9	8401,3	9435,2	8120,3	10798,5	9790,5	...	...
Transferred for removal ²	...	...	14444,0	6202,4	14665,9	6885,4	8467,1	...	...
Exported	...	281,3	675,4	261,8	190,8	260,6	257,8	...	...
Removed to special sites or facilities	...	313410,6	152295,0	169801,6	169523,8	238997,2	275985,3	...	...
Accumulated during exploitation at sites for wastes removal end of year ³ , mln.t	...	13267,5	12505,9	12442,2	12972,4	15398,6	15635,3	...	...
per 1 sq.km, t	...	21984,2	21692,8	21579,3	22498,9	26706,9	28122,0	...	...

¹ Prior 2010, data from economic activity of enterprises and organisations, since 2010, including wastes received in households

² Prior to 2010 inclusive, data on the general volume of wastes transferred to a third party (for utilization and removal) are presented

³ Prior to 2010 inclusive, data on the general volume of end of year wastes that were permanently and temporarily placed at specially allocated sites or objects of economically active enterprises and organisations are presented

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

9.6. Basic indicators for the generation and treatment of wastes of 1st–3rd hazard category *(thsd.t)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Generation ¹	2613,2	2411,8	1659,9	587,3	605,3	627,4	553,0	532,0	...	...
including from economic activity	2613,2	2411,8	1659,8	587,1	602,9	625,9	552,6	531,6	...	...
Collected, received from the outside	56,4	166,0	259,6	119,2	140,9	109,1	90,3	104,7	...	...
Imported	...	6,3	0,0	2,5	1,9	2,9	3,6	1,5	...	...
Utilized	2613,2	2411,8	642,4	314,5	305,5	276,5	252,1	228,2	...	...
Burned off	...	71,4	16,5	5,8	8,7	11,9	10,6	10,6	...	...
Transferred for utilization ²	646,2	2349,7	985,2	222,8	227,4	242,1	228,0	214,8	...	...
Transferred for removal ²	...	...	...	44,6	53,4	39,4	29,2	49,4	...	...
Exported	...	32,3	26,6	1,0	1,7	2,6	2,2	0,1	...	...
Removed to special sites or facilities	760,6	948,5	126,8	78,6	107,1	114,9	93,3	103,6	...	...
Accumulated during exploitation at sites for wastes removal end of year ³ , mln.t	26,2	21,7	16,2	12,1	12,2	12,2	12,3	12,2	...	...
per 1 sq.km, t	43,5	35,9	26,9	20,9	21,2	21,2	21,3	21,1	...	...

¹ See the first footnote to Table 9.5

² See the second footnote to Table 9.5

³ See the third footnote to Table 9.5

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

9.7. Generation of wastes, by hazard category¹

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total	2613,2	2411,8	425914,2	312267,6	366054,0	352333,9	441516,5	462373,5	...	...
including										
1 st hazard category	13,8	12,6	5,0	2,0	1,9	1,7	1,8	2,0	...	...
2 nd hazard category	176,0	320,8	506,6	30,1	35,9	30,9	28,4	34,6	...	...
3 rd hazard category	2423,4	2078,4	1148,3	555,2	567,5	594,8	522,8	495,4	...	...
4 th hazard category	...	...	424254,3	311680,3	365448,7	351706,5	440963,5	461841,5	...	...

¹ See the first footnote to Table 9.5

9.8. Wastes accumulated during exploitation at sites for wastes removal, by hazard category¹

(end of year; thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total	...	...	13267455,0	12505915,8	12442168,6	12972428,5	15398649,4	15635259,6	...	...
including										
1 st hazard category	149,1	38,6	25,8	14,8	15,2	14,7	14,7	14,7	...	...
2 nd hazard category	1685,2	1846,9	2270,7	278,3	278,0	278,0	279,1	217,0	...	...
3 rd hazard category	24409,8	19788,5	13939,8	11761,9	11904,4	11924,5	12011,3	11963,1	...	...
4 th hazard category	...	...	13251218,7	12493860,8	12429971,0	12960211,3	15386344,3	15623064,8	...	...

¹ See the third footnote to Table 9.5

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

9.9. Generation of wastes, by category of materials

(thsd.t)

	2015	2017	2018	2019	2020	2021	2022
Total	312267,6	366054,0	352333,9	441516,5	462373,5	...	...
Used solvents	31,6	1,0	1,2	1,5	2,4	...	...
Wastes of acids, alkalis or salts	384,9	213,1	375,4	399,5	392,7	...	...
Used oils	15,5	17,1	14,6	14,4	19,3	...	...
Chemical wastes	913,4	834,2	806,1	620,4	663,2	...	...
Industrial drains sediments	3209,9	3648,7	3630,3	3346,1	3462,1	...	...
Sludge and liquid waste treatment facilities	249,8	971,7	793,9	792,2	860,6	...	...
Waste products from medical service and biology	0,9	0,6	0,7	0,9	1,1	...	...
Iron and steel waste	3396,7	3556,0	3402,2	2801,4	2491,9	...	...
Nonferrous waste	30,1	28,3	40,6	27,1	24,3	...	...
Mixed iron and steel, and nonferrous wastes	9,6	7,4	34,1	13,7	10,3	...	...
Glass wastes	22,3	34,3	41,9	19,8	21,0	...	...
Paper and cardboard wastes	111,0	183,5	146,4	129,5	140,8	...	...
Rubber wastes	22,9	26,4	21,9	19,5	19,9	...	...
Plastic wastes	42,9	48,6	47,2	50,3	40,8	...	...
Wood wastes	683,1	779,9	829,8	827,9	750,1	...	...
Textile wastes	8,0	20,8	15,9	12,4	21,9	...	...
Waste products containing polychlorinated biphenyl	0,5	0,2	0,2	0,3	0,2	...	...
Unusable equipment	14,4	15,9	9,7	5,9	5,0	...	...
Unusable vehicles	3,1	1,2	1,6	1,2	1,0	...	...
Waste products of accumulators and batteries	7,2	4,1	3,8	4,5	4,2	...	...
Animal waste and mixed food waste	897,0	587,6	607,5	441,0	405,4	...	...
Phytogenic waste	7742,3	8782,3	7829,3	8068,6	6101,8	...	...
Animal excrements, stale and pus	4938,0	3653,4	3233,8	3612,9	3314,7	...	...
Household and similar waste	6789,2	6183,2	6211,2	6618,0	6672,0	...	...
Mixed and non-differentiated materials	7380,9	9699,0	9164,1	9940,3	6906,3	...	...
Residues of sorting	35,6	63,2	63,6	69,2	35,1	...	...
Usual dreg	397,6	515,1	643,5	563,3	334,1	...	...
Mineral waste of construction and object demolition including mixed construction waste	897,5	974,1	1023,1	919,4	873,2	...	...
Burning out waste	13896,0	14157,0	13553,5	12661,5	10845,7	...	...
Other mineral waste	235700,2	265602,0	273157,7	286785,6	404649,4	...	...
Earth waste	788,2	367,2	451,7	1360,6	1332,8	...	...
Barren rock from dredging work	23125,1	45028,0	26126,0	101361,9	11947,5	...	...
Solidified, stabilized or vitrified waste; mineral waste generated after processing	522,2	48,9	51,4	25,7	22,7	...	...

9.10. Wastes generation by type of economic activity of enterprises and in households*(thsd.t)*

	2015		2020		2021		2022	
	I-IV hazard classes	of which I-III hazard classes	I-IV hazard classes	I-IV hazard classes	of which I-III hazard classes	of which I-III hazard classes	I-IV hazard classes	of which I-III hazard classes
All types of economic activity	312267,6	587,3	532,0	553,0	...	...	...	...
Agriculture, forestry and fishing	8736,8	93,6	25,7	24,3	...	...	...	...
Mining and quarrying	257861,9	37,6	30,0	41,4	...	...	...	...
Manufacturing	31000,5	404,5	415,4	451,5	...	...	...	...
Electricity, gas, steam and air conditioning supply	6597,5	6,4	14,5	5,6	...	...	...	...
Water supply, sewerage, waste management and remediation	594,2	3,6	14,9	4,5	...	...	...	...
water collection, treatment and supply	397,6	0,4	14,6	0,6	...	...	...	...
sewerage, remediation activities	14,6	0,1	0,0	0,0	...	...	...	...
other waste management services	2,0	0,0	0,0	0,0	...	...	...	...
waste collection, treatment and disposal activities; materials recovery	180,0	3,1	0,2	3,9	...	...	...	...
Construction	376,2	1,1	0,2	3,0	...	...	...	...
Other type of economic activity	1047,2	40,3	30,9	22,3	...	...	...	...
Households	6053,3	0,2	0,4	0,4	...	...	...	...

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

USE OF ENVIRONMENT, ECONOMIC INDICATORS

9.11. Capital investment and current costs for environmental protection

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Capital investment and current expenditure at actual prices, mln. UAH	3224,3	7089,2	13128,0	24591,1	31492,0	34392,3	43735,9	41332,2	...	...
including capital investment	605,9	1775,6	2761,5	7675,6	11025,6	10074,3	16255,7	13239,6	...	...
of which capital repair of fixed assets intended for nature protection purposes	233,3	312,3	498,0	484,9	1142,6	1214,5	1463,4	1691,2	...	...
current costs	2618,4	5313,6	10366,5	16915,5	20466,4	24318,0	27480,2	28092,6	...	...
Share of expenditure for environmental protection out of the funds of the state and local budgets, percent										
capital investment	7,9 ¹	8,5 ¹	18,2	10,5	16,2	13,6	9,7	13,8	...	...
current costs	1,6	2,7	3,6	3,1	3,9	3,9	4,2	5,2	...	...

¹ Out of the funds of the state budget

9.12. Capital investment for environmental protection, by purpose

(at current prices; mln. UAH)

	2010	2015	2017	2018	2019	2020	2021	2022
Total	2761,5	7675,6	11025,6	10074,3	16255,7	13239,6	...	...
By purpose								
air protection, climate change prevention	1139,9	1422,9	2608,1	3505,9	4276,8	5595,3	...	...
purification of waste waters	734,7	848,9	1276,5	1692,6	1753,9	1578,2	...	...
waste treatment	475,6	737,5	2471,0	1182,1	5754,3	2899,8	...	...
protection and restoration of soils, surface and subsurface water	319,9	388,3	1284,5	1444,3	1721,9	2554,2	...	...
noise and vibration reduction	10,7	40,8	161,5	60,3	6,9	77,9	...	...
conservancy of biological diversity and habitat	19,5	22,4	177,3	73,4	211,6	371,1	...	...
radiation safety	1,6	4205,0	3012,4	2036,5	2479,1	142,9	...	...
researches on environmental protection	7,6	2,1	3,8	5,7	10,0	9,8	...	...
other purposes of environmental protection activity	52,0	7,7	30,5	73,5	41,2	10,4	...	...

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

9.13. Current expenditure for environmental protection, by purpose

(at current prices; mln. UAH)

	2010	2015	2017	2018	2019	2020	2021
Total	10366,5	16915,5	20466,4	24318,0	27480,2	28092,6	...
By purpose							
air protection, climate change prevention	1314,8	1519,8	2104,3	2897,7	2963,9	2375,8	...
purification of waste waters	5035,4	6644,3	8065,3	9623,5	10872,7	10746,8	...
waste treatment	2599,6	6801,9	7508,2	8830,2	10227,1	11197,2	...
protection and restoration of soils, surface and subsurface water	476,3	1152,7	983,8	1288,4	1583,9	1577,0	...
noise and vibration reduction	0,6	67,6	534,9	217,8	29,2	400,3	...
conservancy of biological diversity and habitat	236,4	378,4	767,3	797,8	959,5	968,0	...
radiation safety	457,8	88,7	101,7	130,0	230,7	371,1	...
researches on environmental protection	57,6	46,7	85,4	118,5	117,0	118,1	...
other purposes of environmental protection activity	188,0	215,4	315,5	414,1	496,2	338,3	...

10. NATIONAL ACCOUNTS

The System of National Accounts (SNA) is a set of interconnected, consistent, and integrated macroeconomic accounts, balance sheets, and tables based on internationally agreed terms, definitions, classifications and accounting rules. National accounts information is used to analyse the state of the economy and to shape economic policy.

The compilation national accounts of Ukraine is carried out on the basis of international standards of the United Nations System of National Accounts 2008 and Regulation (EU) of 21.05.2013 № 549/2013 of the European Parliament and Council on the European System of National and Regional Accounts 2010.

National accounts are compiled by institutional sectors of the economy according to the Classification Institutional Sectors Economy.

Gross domestic product (GDP) is the integrated indicator of the country's economic development that characterizes the result of production activity of residents within the country's economic territory. It is measured through the total value of goods and services produced by them for final use. It is calculated by three methods: production, income categories and final use categories. Since 2010, the estimates of the GVA have been compiled by type of economic activity (*State Classifier 009:2010*).

Production method of calculating GDP is characterised by output, intermediate consumption, gross domestic product (gross value added).

Output is the total volume of products resulting from the production activity of resident units over the reference period. Three types of output are considered in national accounts: market output, output for own final use and non-market output.

Intermediate consumption is goods and services consumed as resources during the production process apart from fixed assets the usage of which is taken into account as fixed capital consumption.

Gross value added (GVA) equals to the difference between the output and intermediate consumption. It is also defined as the sum of primary income obtained as a result

of participation in the production process: labour remuneration of employees, other taxes less other subsidies related to production, and gross operating surplus, mixed income.

The national accounts use two data levels and two estimation methods. For the economy as a whole, the results are measured by the output of goods and services and gross domestic product, while for the sectors and types of economic activities by output at basic prices and gross value added.

Taxes on products are the taxes which are due to be paid for unit of goods or services being produced or sold.

Subsidies on products are current payments which general government provide to resident producers per unit of the produced goods or services.

Income generation at the level of the GDP is characterised by the following indicators: labour remuneration of employees, taxes and subsidies on production and imports (at the level of the GVA by other taxes and subsidies related to production) and the gross (net) operating surplus.

Labour remuneration of employees is the remuneration in cash or in kind paid by employer to employee for the work done over the reference period. It includes wages and salaries; actual contributions of employers to the social insurance; imputed contributions of employers for social insurance.

Wages and salaries cover all types of labour remuneration including bonuses, premiums, additional payments in cash or in kind.

Actual contributions of employers to the social insurance consist of payments made by entities to the Pension Fund Ukraine, the Social Insurance Fund Ukraine and the Fund for compulsory state social insurance against unemployment.

Imputed contributions of employers to social insurance is the equivalent of social welfare paid by employers directly to their employees, former employees or their dependents who have the right to it. It is paid from own funds excluding the involvement of a third party.

Taxes on production and imports are payments charged by general government taking into account the volumes of production and imports of goods and services, employment of labour force, possession or usage of land plots, buildings or other assets in production. They are classified into taxes on products and other taxes related to production.

Subsidies on production and imports are current payments which general government make in favour of resident producers. They are classified into subsidies on products and other subsidies related to production.

Other taxes related to production are made by enterprises due to production activity regardless of the number or value of the produced or sold goods and services. Other taxes related to production can be charged on land plots, fixed assets, involvement of employees, certain types of activity or transactions.

Other subsidies related to production are subsidies that exclude the subsidies on products that resident producers obtain as a result of their participation in production.

Gross (net) operating surplus reflects the primary income obtained by corporations as a result of their participation in the production process before deducting the interests from it or other income from property.

Mixed income – reflects the primary income received by unincorporated enterprises in the household sector, in the composition of which it is impossible to

separate wages from the profits of the owner or entrepreneur.

The method of calculating GDP by categories of final use is characterized by indicators: final consumer spending, gross accumulation capital, external balance of goods and services.

Final consumer expenditures are the expenditures of resident institutional units for the purchase of goods and services that are used to meet individual or collective needs.

Gross fixed capital formation is the purchase by resident producers, less disposals, of fixed assets over the reference period including an increase in value of non-produced assets obtained due to production activity of entrepreneurs or institutional units.

External balance of goods and services is defined as a difference between exports and imports of goods and services.

The table "input-output" in consumer prices gives a detailed description of the processes of reproduction and the relationship between economic activities in the production and use of goods and services. It details the indicators of accounts of goods and services, production, formation and use of income, capital at the level of groups of goods and services.

Gross regional product (GRP) is an integrated indicator of economic development of Ukraine's regions which characterizes the result of residents' production activity within region's economic territory and is measured by the total value of goods and services produced by them for final usage.

NATIONAL ACCOUNTS

10.1. Gross domestic product (GDP)

	At current prices		Volume indices			Deflator indices
	gross domestic product	per capita gross domestic product	gross domestic product	per capita gross domestic product	gross domestic product	gross domestic product
	mln. UAH	UAH	at the prices of the previous year, percent	as a percentage of 2016	as a percentage of 2016	as a percentage of the previous year
2010	1120585	24429	104,1	104,5	113,7	113,7
2015	1988544	46413	90,2	90,6	97,6	138,9
2017	2981227	70170	102,4	102,8	102,4	122,1
2018	3560302	84228	103,5	104,0	105,9	115,4
2019	3977198	94633	103,2	103,8	109,3	108,2
2020	4222026	101138	96,2	96,9	105,2	110,3
2021	5450849	131734	103,4	104,4	108,8	124,8

10.2. GDP production and distribution, by type of economic activity

(at current prices; mln. UAH)

	Year	Output	Inter-mediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Agriculture, forestry and fishing	2010	195390	112442	82948	17896	-305	65357
	2015	558788	318982	239806	35131	1389	203286
	2017	727352	423933	303419	54657	-3274	252036
	2018	871971	510973	360998	74229	-187	286956
	2019	866138	509575	356563	82016	37	274510
	2020	915800	522723	393077	89612	-1267	304732
	2021	1396848	803481	593367	140755	-2391	455003
Mining and quarrying	2010	119911	55837	64074	34536	-5801	35339
	2015	186194	91053	95141	34219	-385	61307
	2017	344157	167306	176851	50939	-1732	127644
	2018	415497	201339	214158	62668	-2113	153603
	2019	432934	210724	222210	69471	-2762	155501
	2020	376280	183160	193120	63697	-4839	134262
	2021	685827	334679	351148	84671	-4877	271354
Manufacturing	2010	810843	664094	146749	95678	2693	48378
	2015	1206047	969355	236692	132968	6563	97161
	2017	1805097	1447937	357160	186003	3490	167667
	2018	2060485	1649839	410646	231364	1801	177481
	2019	2142939	1713855	429084	258311	1573	169200
	2020	2124480	1697997	426483	260402	1624	164457
	2021	2822869	2262342	560527	315464	2711	242352
Electricity, gas, steam, and air-conditioning supply	2010	98052	66298	31754	22387	294	9073
	2015	176768	123383	53385	32641	-3649	24393
	2017	283985	198015	85970	43444	-1165	43691
	2018	367726	255870	111856	52791	-817	59882
	2019	404020	279112	124908	63163	382	61363
	2020	402584	279706	122878	72069	166	50643
	2021	605474	424530	180944	88058	-20462	113348

NATIONAL ACCOUNTS

Table 10.2 continued

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Water supply, sewerage, waste management and remediation	2010	25318	17121	8197	6977	-28	1248
	2015	26982	19058	7924	8028	-869	765
	2017	37104	27224	9880	9779	-584	685
	2018	44362	32968	11394	11355	-1053	1092
	2019	53485	39049	14436	15748	-1929	617
	2020	59267	43010	16257	19307	-2910	-140
	2021	69082	49939	19143	22149	-4480	1474
Construction	2010	137118	100470	36648	18028	547	18073
	2015	188595	149667	38928	20060	1612	17256
	2017	326496	262065	64431	31614	648	32169
	2018	428010	346751	81259	41595	869	38795
	2019	570979	463549	107430	53305	1176	52949
	2020	641899	522458	119441	60731	915	57795
	2021	802468	652156	150312	79720	666	69926
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	295912	133741	162171	68291	3503	90377
	2015	549163	275174	273989	101419	3969	168601
	2017	832350	423094	409256	153059	3732	252465
	2018	958380	486762	471618	195824	4074	271720
	2019	1057539	531565	525974	242153	4543	279278
	2020	1167438	579073	588365	253829	4592	329944
	2021	1512304	770181	742123	315519	6151	420453
Transport and storage, postal and courier activities	2010	169526	82257	87269	46914	848	39507
	2015	295634	160656	134978	73271	1289	60418
	2017	420484	229659	190825	113473	-1115	78467
	2018	503326	276186	227140	150596	-1068	77612
	2019	582500	317811	264689	158825	-1716	107580
	2020	594010	331557	262453	155105	-4874	112222
	2021	669354	374054	295300	178072	-6659	123887
Accommodation and food service activities	2010	22579	12474	10105	5250	213	4642
	2015	25458	13512	11946	5858	310	5778
	2017	37737	19010	18727	7805	425	10497
	2018	50183	25071	25112	9827	581	14704
	2019	70635	35324	35311	14547	797	19967
	2020	59063	28229	30834	11697	774	18363
	2021	92985	43819	49166	14353	1169	33644
Information and communication	2010	69614	35966	33648	17432	-342	16558
	2015	142223	69627	72596	26268	2856	43472
	2017	225659	115363	110296	37074	1570	71652
	2018	287068	148240	138828	47536	1942	89350
	2019	374510	191843	182667	64193	2748	115726
	2020	400927	191533	209394	69050	2639	137705
	2021	480697	225062	255635	77154	3860	174621

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Table 10.2 continued

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Financial and insurance activities	2010	100995	38386	62609	28408	786	33415
	2015	107764	40252	67512	26996	1769	38747
	2017	123165	39773	83392	37211	2382	43799
	2018	150761	51808	98953	47274	2436	49243
	2019	184026	68550	115476	56692	3395	55389
	2020	202370	70467	131903	61400	3200	67303
	2021	243420	81487	161933	69873	3492	88568
Real estate activities	2010	93713	33693	60020	10643	389	48988
	2015	176078	53057	123021	15976	742	106303
	2017	238141	66467	171674	19189	625	151860
	2018	285495	79410	206085	23300	885	181900
	2019	339956	98463	241493	29173	960	211360
	2020	377097	108117	268980	32686	950	235344
	2021	421629	106866	314763	39592	1056	274115
Professional, scientific and technical activities	2010	55207	27454	27753	17687	502	9564
	2015	107124	51335	55789	29001	1605	25183
	2017	171630	85093	86537	45942	1079	39516
	2018	224773	111419	113354	58543	1393	53418
	2019	287831	146308	141523	68838	1629	71056
	2020	282662	145470	137192	68941	400	67851
	2021	319463	161894	157569	72858	-1901	86612
Administrative and support service activities	2010	25492	13256	12236	6824	106	5306
	2015	43370	21746	21624	14724	789	6111
	2017	70820	35349	35471	22716	472	12283
	2018	97358	48787	48571	29044	604	18923
	2019	123827	61589	62238	40077	880	21281
	2020	118995	59100	59895	40330	1052	18513
	2021	134005	66132	67873	44131	1011	22731
Public administration and defence, compulsory social security	2010	74783	21329	53454	49052	62	4340
	2015	147578	52493	95085	86329	118	8638
	2017	236970	73172	163798	148689	65	15044
	2018	295852	83063	212789	192600	69	20120
	2019	353357	86701	266656	241747	86	24823
	2020	393136	86603	306533	277291	76	29166
	2021	432772	96321	336451	302141	80	34230
Education	2010	84197	28471	55726	50577	96	5053
	2015	119928	37150	82778	74753	130	7895
	2017	180011	46798	133213	120015	100	13098
	2018	214113	55493	158620	142888	146	15586
	2019	242480	69835	172645	153930	201	18514
	2020	261002	74953	186049	165867	202	19980
	2021	330660	95618	235042	207131	261	27650

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Table 10.2 continued

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Human health and social work activities	2010	63527	22070	41457	35515	-375	6317
	2015	88636	37156	51480	43041	339	8100
	2017	131970	55830	76140	63889	-114	12365
	2018	158857	81727	77130	69475	68	7587
	2019	184663	89228	95435	83004	127	12304
	2020	226737	113095	113642	104750	250	8642
	2021	267948	133065	134883	133802	355	726
Arts, entertainment and recreation	2010	10459	4068	6391	5225	-539	1705
	2015	20436	8079	12357	10181	-2328	4504
	2017	28264	10888	17376	14626	-4096	6846
	2018	34034	13659	20375	17708	-4985	7652
	2019	39571	15518	24053	20438	-4691	8306
	2020	37429	13091	24338	21440	-5088	7986
	2021	50410	18500	31910	27231	-4530	9209
Other services	2010	13787	4821	8966	3331	280	5355
	2015	22475	8119	14356	6782	505	7069
	2017	36028	13538	22490	10623	443	11424
	2018	46364	17354	29010	13704	580	14726
	2019	60407	21570	38837	17142	728	20967
	2020	55406	19515	35891	14853	676	20362
	2021	72040	25403	46637	18532	854	27251
Total (at basic prices)	2010	2466423	1474248	992175	540651	2929	448595
	2015	4189241	2499854	1689387	777646	16754	894987
	2017	6257420	3740514	2516906	1170747	2951	1343208
	2018	7494615	4476719	3017896	1472321	5225	1540350
	2019	8371797	4950169	3421628	1732773	8164	1680691
	2020	8696582	5069857	3626725	1843057	-1462	1785130
	2021	1141025	6725529	4684726	2231206	-23634	2477154
Taxes, less subsidies on products	2010	128410	×	128410	×	128410	×
	2015	299157	×	299157	×	299157	×
	2017	464321	×	464321	×	464321	×
	2018	542406	×	542406	×	542406	×
	2019	555570	×	555570	×	555570	×
	2020	595301	×	595301	×	595301	×
	2021	766123	×	766123	×	766123	×
Gross domestic product	2010	2594833	1474248	1120585	540651	131339	448595
	2015	4488398	2499854	1988544	777646	315911	894987
	2017	6721741	3740514	2981227	1170747	467272	1343208
	2018	8037021	4476719	3560302	1472321	547631	1540350
	2019	8927367	4950169	3977198	1732773	563734	1680691
	2020	9291883	5069857	4222026	1843057	593839	1785130
	2021	1217638	6725529	5450849	2231206	742489	2477154

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10.3. GVA structure, by type of economic activity in volume of GDP

(at current prices; percent)

	2010	2015	2017	2018	2019	2020	2021
Agriculture, forestry and fishing	7,4	12,1	10,2	10,1	9,0	9,3	10,9
Mining and quarrying	5,7	4,8	5,9	6,0	5,6	4,6	6,4
Manufacturing	13,0	11,9	12,0	11,5	10,8	10,1	10,3
Electricity, gas, steam, and air-conditioning supply	2,8	2,7	2,9	3,1	3,1	2,9	3,3
Water supply, sewerage, waste management and remediation	0,7	0,4	0,3	0,3	0,4	0,4	0,4
Construction	3,3	1,9	2,2	2,3	2,7	2,8	2,8
Wholesale and retail trade; repair of motor vehicles and motorcycles	14,5	13,8	13,7	13,2	13,2	13,9	13,6
Transport and storage, postal and courier activities	7,8	6,8	6,4	6,4	6,6	6,2	5,4
Accommodation and food service activities	0,9	0,6	0,6	0,7	0,9	0,7	0,9
Information and communication	3,0	3,6	3,7	3,9	4,6	5,0	4,7
Financial and insurance activities	5,6	3,4	2,8	2,8	2,9	3,1	3,0
Real estate activities	5,3	6,2	5,8	5,8	6,1	6,4	5,8
Professional, scientific and technical activities	2,5	2,8	2,9	3,2	3,5	3,2	2,9
Administrative and support service activities	1,1	1,1	1,2	1,4	1,6	1,4	1,2
Public administration and defence, compulsory social security	4,8	4,8	5,5	6,0	6,7	7,3	6,2
Education	5,0	4,2	4,5	4,5	4,3	4,4	4,3
Human health and social work activities	3,7	2,6	2,5	2,2	2,4	2,7	2,5
Arts, entertainment and recreation	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Other services	0,8	0,7	0,7	0,8	1,0	0,9	0,8
Total (at basic prices)	88,5	85,0	84,4	84,8	86,0	85,9	86,0
Taxes on products	11,7	15,2	15,9	15,4	14,2	14,4	14,3
Subsidies on products	-0,2	-0,2	-0,3	-0,2	-0,2	-0,3	-0,3
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0	100,0

10.4. GDP structure, by income category

(percent)

	2010	2015	2017	2018	2019	2020	2021
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Labour remuneration of employees	48,2	39,1	39,3	41,4	43,6	43,7	40,9
Taxes less subsidies on production and imports	11,8	15,9	15,7	15,3	14,2	14,0	13,7
on products	11,5	15,0	15,6	15,2	14,0	14,1	14,1
other, related to production	0,3	0,9	0,1	0,1	0,2	-0,1	-0,4
Gross operating surplus, mixed income	40,0	45,0	45,0	43,3	42,2	42,3	45,4

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10.5. GDP, by category of final use

(at current prices)

	2010	2015	2017	2018	2019	2020	2021
Mln. UAH							
Gross domestic product	1120585	1988544	2981227	3560302	3977198	4222026	5450849
Final consumption expenditure	946270	1723629	2618126	3209292	3705058	3908788	4734271
households	717509	1331526	1977640	2438778	2918278	3053971	3717848
non-profit institutions serving households	8379	15788	23865	30977	39841	40173	49324
general government	220382	376315	616621	739537	746939	814644	967099
individual consumption expenditure	143663	220859	358480	415216	398874	426402	538253
collective consumption expenditure	76719	155456	258141	324321	348065	388242	428846
Gross fixed capital formation	201887	269422	470327	628296	700617	564315	719771
Changes in inventories	3616	47231	124730	32721	-109898	-188638	67284
Acquisition, less disposal of valuables	375	188	137	784	1500	1447	1544
Exports of goods and services	520585	1045928	1434713	1610511	1639866	1639060	2217860
Imports of goods and services	-552148	-1097854	-1666806	-1921302	-1959945	-1702946	-2289881
Percent of total							
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Final consumption expenditure	84,4	86,7	87,8	90,2	93,2	92,6	86,8
households	64,0	67,0	66,3	68,5	73,4	72,3	68,2
non-profit institutions serving households	0,7	0,8	0,8	0,9	1,0	1,0	0,9
general government	19,7	18,9	20,7	20,8	18,8	19,3	17,7
individual consumption expenditure	12,8	11,1	12,0	11,7	10,0	10,1	9,8
collective consumption expenditure	6,9	7,8	8,7	9,1	8,8	9,2	7,9
Gross fixed capital formation	18,1	13,5	15,8	17,7	17,6	13,4	13,2
Changes in inventories	0,3	2,4	4,2	0,9	-2,7	-4,5	1,2
Acquisition, less disposal of valuables	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Exports of goods and services	46,5	52,6	48,1	45,2	41,2	38,8	40,7
Imports of goods and services	-49,3	-55,2	-55,9	-54,0	-49,3	-40,3	-41,9

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10.6. Integrated table of

										Uses
Accounts	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
Production account / External goods and services account	2289881	2289881								Import of goods and services
	2217860		2217860							Export of goods and services
	11410255	11410255								Output (at basic prices)
	6725529			6725529	15352	634914	278019	79653	5717591	Intermediate consumption
	780757	780757								Taxes on products
	-14634	-14634								Subsidies on products
										Gross value added / gross domestic product¹
	4684726			4684726	24609	1118042	611555	157658	2772862	Consumption of fixed capital
	-681331			-681331	-5152	-104764	-76728	-13964	-480723	Net value added / net domestic product
	4003395			4003395	19457	1013278	534827	143694	2292139	External balance of goods and services
	72021		72021							
Generation of income account	2601384		370178	2231206	19017	30930	534664	69657	1576938	Compensation of employees
	818335		-	818335	440	17497	163	3492	15986	Taxes on production and imports
	780757			780757						taxes on products
	37578		-	37578	440	17497	163	3492	15986	other taxes on production
	-75846			-75846	-	-	-	-	-61212	Subsidies on production and imports
	-14634			-14634						subsidies on products
	-61212			-61212	-	-	-	-	-61212	other subsidies on products
	2477154			2477154	5152	1069615	76728	84509	1241150	Gross operating surplus, mixed income
	1795823			1795823	0	964851	0	70545	760427	Net operating, mixed income
	1009207		11093	998114	234	46976	159988	100319	690597	Property income
Allocation of primary income account										Gross balance of primary income / gross national income
	5292595			5292595	10593	3731264	781667	192104	576967	Net balance of primary income / net national income
	4611264			4611264	5441	3626500	704939	178140	96244	

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national accounts for 2021

(mln. UAH)

Resources										
Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	Non-profit institutions serving households	Total economy	Rest of the world	Goods and services (resources)	Total	Accounts
Import of goods and services							2289881		2289881	Production account / External goods and services account
Export of goods and services								2217860	2217860	
Output (at basic prices)	8490453	237311	889574	1752956	39961	11410255			11410255	
Intermediate consumption								6725529	6725529	
Taxes on products			780757			780757			780757	Generation of income account
Subsidies on products			-14634			-14634			-14634	
Gross value added / gross domestic product¹	2772862	157658	611555	1118042	24609	4684726			4684726	
Consumption of fixed capital										
Net value added / net domestic product										Allocation of primary income account
External balance of goods and services							72021		72021	
Compensation of employees				2601384		2601384			2601384	
Taxes on production and imports			818335			818335			818335	
taxes on products			780757			780757			780757	Secondary distribution of income account
other taxes on production			37578			37578			37578	
Subsidies on production and imports			-75846			-75846			-75846	
subsidies on products			-14634			-14634			-14634	
other subsidies on products			-61212			-61212			-61212	Secondary distribution of income account
Gross operating surplus, mixed income	1241150	84509	76728	1069615	5152	2477154			2477154	
Net operating, mixed income										
Property income	26414	207914	122438	107241	5675	469682	539525		1009207	
Gross balance of primary income / gross national income	576967	192104	781667	3731264	10593	5292595			5292595	Secondary distribution of income account
Net balance of primary income / net national income										

NATIONAL ACCOUNTS

Uses										Transactions and balancing items
Accounts	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	
Secondary distribution of income account	553178		11392	541786	0	376867	–	13385	151534	Current taxes on income, wealth, etc
	428731			428731		394962	0	26421	7348	Social contributions
	699722			699722	743		668804	835	29340	Social benefits other than social transfers in kind
	919477		245388	674089	2281	121303	286054	195517	68934	Other current transfers
	5418585			5418585	81033	3829916	997990	–15531	525177	Gross disposable income
	4737254			4737254	75881	3725152	921262	–29495	44454	Net disposable income
Redistribution of income in kind account	587577			587577	49324		538253			Social transfers in kind
	5418585			5418585	31709	4417493	459737	–15531	525177	Gross adjusted disposable income
	4737254			4737254	26557	4312729	383009	–29495	44454	Net adjusted disposable income
Use of disposable income account										Gross disposable income
										Adjustment for the change in net equity of households
	346		–	346	–	–	–	346	–	in non-government pension funds
	4734271			4734271	49324	3717848	967099			Final consumption expenditure individual
	4305425			4305425	49324	3717848	538253			consumption expenditure collective
	428846			428846			428846			consumption expenditure
	684314			684314	31709	112414	30891	–15877	525177	Gross saving
	2983			2983	26557	7650	–45837	–29841	44454	Net saving
Use of adjusted disposable income account										Gross adjusted disposable income
										Adjustment for the change in net equity of households
	346		–	346	–	–	–	346	–	in non-government pension funds
	4734271			4734271		4305425	428846			Actual final consumption actual individual final
	4305425			4305425		4305425				consumption actual collective final
	428846			428846			428846			consumption
	684314			684314	31709	112414	30891	–15877	525177	Gross saving
	2983			2983	26557	7650	–45837	–29841	44454	Net saving
	104285		104285							Current external balance

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Table 10.6 continued

Resources										
Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	Non-profit institutions serving households	Total economy	Rest of the world	Goods and services (resources)	Total	Accounts
Current taxes on income, wealth, etc			530132			530132	23046		553178	
Social contributions	29340	897	397751		743	428731			428731	
Social benefits other than social transfers in kind				699437		699437	285		699722	
Other current transfers	176026	27626	243298	292347	72721	812018	107459		919477	
Gross adjusted disposable income	525177	-15531	997990	3829916	81033	5418585			5418585	Redistribution of income in kind account
Net disposable income										
Social transfers in kind				587577		587577			587577	
Gross adjusted disposable income										
Net adjusted disposable income										
Gross disposable income	525177	-15531	997990	3829916	81033	5418585			5418585	Use of disposable income account
Adjustment for the change in net equity of households in non-government pension funds	-	-	-	346	-	346	-		346	
Final consumption expenditure individual								4734271	4734271	
consumption expenditure collective								4305425	4305425	
consumption expenditure								428846	428846	
Gross saving										
Net saving										
Gross adjusted disposable income	525177	-15531	459737	4417493	31709	5418585			5418585	Use of adjusted disposable income account
Adjustment for the change in net equity of households in non-government pension funds	-	-	-	346	-	346	-		346	
Actual final consumption actual individual final										
consumption actual collective final										
consumption										
Gross saving										

NATIONAL ACCOUNTS

Uses										
Accounts	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
Capital account										Net saving
										Current external balance
										Capital transfers, receivable
										Capital transfers, payable
	719771			719771	314	62670	146915	9519	500353	Gross fixed capital formation
	-681331			-681331	-5152	-104764	-76728	-13964	-480723	Consumption of fixed capital
	67284			67284	-107	6748	2739	1973	55931	Changes in inventories
	1544			1544	-	1722	-8	-170	-	Acquisitions less disposals of valuables
	0		7	-7	...	...	-843	125	711	Acquisitions less disposals of non-produced non-financial assets
	0		103870	-103870	34374	44421	-184930	-31919	34184	Net lending (+), net borrowing (-)
Financial account										Statistical discrepancy
	0		-540	540				540		Monetary gold and SDRs
	544953		10560	534393	40244	116656	-13851	150309	241035	Currency and deposits
	-19473		29669	-49142		-656	-2522	35357	-81321	Debt securities
	191789		30539	161250		2	-3541	164824	-35	Loans
	91919		166111	-74192	-	0	-142081	6782	61107	Equity and investment fund shares or units
	1251		2	1249	...	2419		-1442	272	Insurance, pension and standardized guaranteed schemes
	-4755		-4626	-129	...	...	...	-129	...	Financial derivatives and employee stock
	812013		111119	700894	...	-13020	55410	81108	577396	Other accounts receivable / payable

¹ The indicator for a total economy differs from the same indicator calculated as a sum of sectors by the volume of taxes excluding subsidies on products

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Table 10.6 continued

Resources										
Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	Non-profit institutions serving households	Total economy	Rest of the world	Goods and services (resources)	Total	Accounts
Net saving	44454	-29841	-45837	7650	26557	2983			2983	Capital account
Current external balance							104285		104285	
Capital transfers, receivable	91424	-	23240	3147	2872	120683	0		120683	
Capital transfers, payable	-25422	-4595	-90258	...	-	-120275	-408		-120683	
Gross fixed capital formation								719771	719771	
Consumption of fixed capital										
Changes in inventories								67284	67284	
Acquisitions less disposals of valuables								1544	1544	
Acquisitions less disposals of non-produced non-financial assets										
Net lending (+), net borrowing (-)	34184	-31919	-184930	44421	34374	-103870	103870		0	Financial account
Statistical discrepancy	-43437	-2674	-2862	0	-712	-49685	49685		0	
Monetary gold and SDRs										
Currency and deposits		308575				308575	236378		544953	
Debt securities	8471	-20503	-10665			-22697	3224		-19473	
Loans	64900	12766	62195	47886	0	187747	4042		191789	
Equity and investment fund shares or units	52098	32219				84317	7602		91919	
Insurance, pension and standardized guaranteed schemes	-1442	2693				1251	...		1251	
Financial derivatives and employee stock	...	-129	-4626	...	...	-4755	...		-4755	
Other accounts receivable / payable	596806	130973	28579	13094	5158	774610	37403		812013	

NATIONAL ACCOUNTS

10.7. Input-output

	Intermediate						
	agriculture, forestry and fishing	mining and quarrying	manufacturing	electricity, gas, steam and air-conditioning supply	water supply, sewerage, waste management and remediation	construction	wholesale and retail trade; repair of motor vehicles and motorcycles
Agriculture, forestry and fishing	303714	335	304812	352	25	224	21048
Mining and quarrying	13535	42510	372928	216943	585	32809	4186
Manufacturing	333402	115649	1096443	48962	15158	259573	126332
Electricity, gas, steam and air-conditioning supply	22785	87507	162372	96997	12094	3401	22855
Water supply, sewerage, waste management and remediation	1238	2471	10780	3106	7362	643	2911
Construction	6298	4569	30695	3819	799	305211	21325
Wholesale and retail trade; repair of motor vehicles and motorcycles	145145	71420	841803	7629	4971	21617	324064
Transportation and storage, postal and courier activities	75117	74525	215650	1872	1320	9584	76243
Accommodation and food service activities	555	215	1738	809	5	331	1254
Information and communication	2437	1399	9678	4094	549	1803	16449
Financial and insurance activities	22676	5247	24428	8996	1834	3413	66434
Real estate activities	8275	2696	9543	2695	226	963	35985
Professional, scientific and technical activities	9188	8066	71783	16738	1617	6751	30129
Administrative and support service activities	7087	4388	14041	1359	2093	5205	5594
Public administration and defence, compulsory social security	1290	1630	4826	9697	1076	377	11135
Education	60	185	240	93	33	39	2775
Human health and social work activities	78	138	300	91	43	82	228
Arts, entertainment and recreation	40	38	411	29	8	12	288
Other services	123	64	434	249	141	118	946
Intermediate consumption	953043	423052	3172905	424530	49939	652156	770181
Labour remuneration of employees	140755	84671	315464	88058	22149	79720	315519
Taxes on production and imports	34836	23677	563923	32521	5384	40423	16080
Subsidies on production and imports	-5590	-9710	-2164	-28558	-6003	-477	-601
Gross operating surplus, mixed income	455003	271354	242352	113348	1474	69926	420453
Gross domestic product	625004	369992	1119575	205369	23004	189592	751451
Output	1578047	793044	4292480	629899	72943	841748	1521632

NATIONAL ACCOUNTS

at consumer prices in 2021¹

(mln. UAH)

consumption

transportation and storage, postal and courier activities	accommodation and food service activities	information and communication	financial and insurance activities	real estate activities	professional, scientific and technical activities	administrative and support service activities	public administration and defence, compulsory social security	education	human health and social work activities	arts, entertainments and recreation	other services	total consumed
459	3348			104	17	658	2901	3238	403	34	31	641703
55940	1248	222	33	515	325	1864	1730	2568	1173	210	532	749856
141452	9448	20278	3616	17463	28299	17505	37569	10261	53910	1716	6725	2343761
27130	7289	4606	4474	1210	2040	6222	11909	16129	15767	1650	2545	508982
808	770	325	71	12	158	2518	829	847	1560	116	536	37061
7565	1497	1820	3066	38690	12786	3155	11562	489	10070	423	607	464446
33485	1305	9786	419		7020	5039	3866	10633	8274	5002	4331	1505809
58709	1046	2871	792	2069	11373	3970	9614	1983	1002	1745	816	550301
1064	1440	642	626	176	644	1373	2001	198	502	835	167	14575
4552	4388	145933	9771	1613	12490	3654	4138	7573	6238	2390	1817	240966
12340	2741	5173	44954	8011	6362	3153	3139	7220	6948	300	1563	234932
4522	2276	10918	433	12229	34074	2205	179	2297	4760	365	587	135228
10479	3243	16404	3814	14659	37822	5329	3259	10774	6605	551	699	257910
9544	2885	3106	9121	8991	3627	8756		3196	3044	837	984	93858
4836	394	480	56	950	3631	361	1030	1366	647	336	118	44236
203	18	239	127	136	139	24	419	11718	381	11	4	16844
218	63	199	67	37	38	16	302	122	10367	59	22	12470
100	146	1310	41		261	227	1874	4643	58	1867	2730	14083
648	274	750	6	1	788	103		363	1356	53	589	7006
374054	43819	225062	81487	106866	161894	66132	96321	95618	133065	18500	25403	7874027
178072	14353	77154	69873	39592	72858	44131	302141	207131	133802	27231	18532	2231206
16016	7688	20587	12006	5978	9101	9226	80	5383	10541	3107	1778	818335
-9408		-1184		-603	-4158	-858			-195	-6337		-75846
123887	33644	174621	88568	274115	86612	22731	34230	27650	726	9209	27251	2477154
308567	55685	271178	170447	319082	164413	75230	336451	240164	144874	33210	47561	5450849
682621	99504	496240	251934	425948	326307	141362	432772	335782	277939	51710	72964	13324876

NATIONAL ACCOUNTS

Table 10.7 continued

	Final consumption expenditure			Gross fixed capital formation			Exports of goods and services	Imports of goods and services	Product use
	households	NPISHs	general government	gross fixed capital formation	changes in inventories	acquisition less disposal of valuable			
Agriculture, forestry and fishing	430838		5316	7201	112319		449742	–69072	1578047
Mining and quarrying	78815		57		–29029		214132	–220787	793044
Manufacturing	2220373	8814	6799	348022	–65365	1197	1119275	–1690396	4292480
Electricity, gas, steam and air-conditioning supply	114849		95				9801	–3828	629899
Water supply, sewerage, waste management and remediation	22982		11788				2298	–1186	72943
Construction	2581			329456	45155		1418	–1308	841748
Wholesale and retail trade; repair of motor vehicles and motorcycles	16996						2137	–3310	1521632
Transportation and storage, postal and courier activities	83556		27324				136438	–114998	682621
Accommodation and food service activities	106228						4588	–25887	99504
Information and communication	81806		3507	16649			200460	–47148	496240
Financial and insurance activities	37783						3660	–24441	251934
Real estate activities	287489	4257	1134	3520			1223	–6903	425948
Professional, scientific and technical activities	15461		17902	12435	4204		44901	–26506	326307
Administrative and support service activities	53253		17				11520	–17286	141362
Public administration and defence, compulsory social security	775		400311				702	–13252	432772
Education	45620	1352	272089				279	–402	335782
Human health and social work activities	64519	9749	192744				585	–2128	277939
Arts, entertainment and recreation	19090	369	27993			347	2444	–12616	51710
Other services	34834	24783	23	2488			12257	–8427	72964
Total	3717848	49324	967099	719771	67284	1544	2217860	–2289881	13324876

¹ The table is aggregated

NATIONAL ACCOUNTS

10.8. Gross regional product

(at current prices; mln. UAH)

	2010	2015	2017	2018	2019	2020	2021
Ukraine	1082569	1988544	2981227	3560302	3977198	4222026	5450849
Autonomous Republic of Crimea	32426	...	...	...	...	...	...
oblasts							
Vinnitsya	23589	59871	92288	111489	129097	135867	173531
Volyn	14429	31688	51919	60445	75637	77404	92535
Dnipropetrovsk	116136	215206	313527	369356	390325	398732	582363
Donetsk	128986	115012	165932	192161	204893	206309	283326
Zhytomyr	18743	38425	61424	77103	85267	91365	113919
Zakarpattia	15299	28952	43037	52445	61325	62022	75626
Zaporizhzhya	42736	89061	130187	147043	155158	167260	228906
Ivano-Frankivsk	20446	45854	63809	78439	86679	90398	119680
Kyiv	44953	104030	156829	198142	218647	242406	291519
Kirovohrad	15749	38447	52978	64417	73066	75208	99564
Luhansk	45541	23849	30265	35204	40291	43204	52135
Lviv	41655	94690	147308	177233	214400	236254	296182
Mykolayiv	24055	48195	69299	79903	92427	96648	124162
Odesa	53878	99761	149392	173224	197153	220242	271669
Poltava	44291	95867	150543	174089	187289	188424	266694
Rivne	15882	35252	48796	56835	67363	71901	88859
Sumy	18333	41567	56473	68476	75827	80432	105254
Ternopil	12726	26656	40715	49127	57140	62661	81485
Kharkiv	65293	124843	187238	233279	247592	257805	319796
Kherson	15649	32215	47819	55152	61939	68467	88182
Khmelnyskiy	18096	41088	63808	75638	83006	96380	119876
Cherkasy	22354	50843	73073	93287	103466	108822	131154
Chernivtsi	9892	18506	28579	33905	41660	45054	54582
Chernihiv	17008	36966	56611	70611	77981	84068	113474
cities							
Kyiv	196639	451700	699378	833299	949570	1014693	1276376
Sevastopol	7785	...	...	...	...	...	...

NATIONAL ACCOUNTS

10.9. Share of gross regional product in the general total

(percent)

	2010	2015	2017	2018	2019	2020	2021
Ukraine	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Autonomous Republic of Crimea	3,0	...	...	...	...	...	...
oblasts							
Vinnitsya	2,2	3,0	3,1	3,1	3,3	3,2	3,2
Volyn	1,3	1,6	1,7	1,7	1,9	1,8	1,7
Dnipropetrovsk	10,7	10,8	10,5	10,3	9,8	9,4	10,7
Donetsk	11,9	5,8	5,6	5,4	5,2	4,9	5,2
Zhytomyr	1,7	1,9	2,1	2,2	2,1	2,2	2,1
Zakarpattia	1,4	1,5	1,4	1,5	1,5	1,5	1,4
Zaporizhzhya	3,9	4,5	4,4	4,1	3,9	4,0	4,2
Ivano-Frankivsk	1,9	2,3	2,1	2,2	2,2	2,1	2,2
Kyiv	4,2	5,2	5,3	5,6	5,5	5,7	5,3
Kirovohrad	1,5	1,9	1,8	1,8	1,8	1,8	1,8
Luhansk	4,2	1,2	1,0	1,0	1,0	1,0	1,0
Lviv	3,8	4,8	4,9	5,0	5,4	5,6	5,4
Mykolayiv	2,2	2,4	2,3	2,2	2,3	2,3	2,3
Odesa	5,0	5,0	5,0	4,9	5,0	5,2	5,0
Poltava	4,1	4,8	5,0	4,9	4,7	4,5	4,9
Rivne	1,5	1,8	1,6	1,6	1,7	1,7	1,6
Sumy	1,7	2,1	1,9	1,9	1,9	1,9	1,9
Ternopil	1,2	1,3	1,4	1,4	1,4	1,5	1,5
Kharkiv	6,0	6,3	6,3	6,6	6,2	6,1	5,9
Kherson	1,4	1,6	1,6	1,5	1,6	1,6	1,6
Khmelnyskiy	1,7	2,1	2,1	2,1	2,1	2,3	2,2
Cherkasy	2,1	2,6	2,5	2,6	2,6	2,6	2,4
Chernivtsi	0,9	0,9	1,0	1,0	1,0	1,1	1,0
Chernihiv	1,6	1,9	1,9	2,0	2,0	2,0	2,1
cities							
Kyiv	18,2	22,7	23,5	23,4	23,9	24,0	23,4
Sevastopol	0,7	...	...	...	...	...	...

NATIONAL ACCOUNTS

10.10. Per capita gross regional product

(at current prices; UAH)

	2010	2015	2017	2018	2019	2020	2021
Ukraine	23600	46413	70171	84228	94633	101138	131734
Autonomous Republic of Crimea	16507	...	...	...	...	...	...
oblasts							
Vinnitsya	14332	37270	58296	71098	83133	88380	114218
Volyn	13916	30387	49937	58294	73192	75193	90331
Dnipropetrovsk	34709	65897	97043	114750	122298	126209	186697
Donetsk	28986	26864	39299	45936	49385	50124	69446
Zhytomyr	14616	30698	49700	62905	70225	76017	95948
Zakarpattia	12278	22989	34197	41706	48853	49538	60632
Zaporizhzhya	23657	50609	75196	85764	91452	99738	138521
Ivano-Frankivsk	14814	33170	46282	57030	63237	66245	88227
Kyiv	26140	60109	89904	112510	123216	135817	162696
Kirovohrad	15533	39356	55128	67743	77788	81166	109183
Luhansk	19788	10778	13873	16300	18793	20297	24684
Lviv	16353	37338	58183	70169	85177	94317	119049
Mykolayiv	20276	41501	60486	70325	82121	86750	112864
Odesa	22544	41682	62643	72731	82879	92823	115129
Poltava	29652	66390	105994	123722	134383	136608	195825
Rivne	13785	30350	42004	49038	58318	62485	77599
Sumy	15711	37170	51367	62943	70550	75815	100760
Ternopil	11713	24963	38563	46828	54821	60565	79412
Kharkiv	23639	45816	69409	86889	92835	97428	122227
Kherson	14346	30246	45486	52914	59972	66973	87378
Khmelnyskiy	13602	31660	49858	59576	65893	77153	96964
Cherkasy	17325	40759	59612	76881	86279	91817	112145
Chernivtsi	10939	20338	31495	37443	46135	50110	61088
Chernihiv	15406	35196	55139	69712	78098	85435	117225
cities							
Kyiv	70424	155904	238687	283175	320898	342247	431616
Sevastopol	20455	...	...	...	...	...	...

NATIONAL ACCOUNTS

10.11. Volume indices of gross regional product

(at the prices of the previous year; percent)

	2010	2015	2017	2018	2019	2020	2021
Ukraine	104,1	90,2	102,4	103,5	103,2	96,2	103,4
Autonomous Republic of Crimea	103,4	...	...	...	...	...	...
oblasts							
Vinnitsya	103,0	97,1	101,6	105,0	108,6	94,7	105,6
Volyn	100,2	95,3	105,2	103,8	94,2	97,2	92,5
Dnipropetrovsk	105,8	90,3	102,0	102,5	103,7	93,0	102,6
Donetsk	111,1	61,3	94,9	100,5	101,7	96,9	103,3
Zhytomyr	112,8	98,1	104,9	104,8	100,5	96,3	104,4
Zakarpattia	107,7	93,5	103,2	104,0	101,5	93,8	101,9
Zaporizhzhya	103,2	94,7	102,9	100,6	102,6	95,7	104,5
Ivano-Frankivsk	100,5	92,0	107,1	105,7	106,1	97,0	101,4
Kyiv	105,1	94,0	104,4	106,9	104,1	97,4	101,7
Kirovohrad	105,7	91,7	98,4	107,0	106,2	90,8	105,8
Luhansk	102,3	47,7	83,6	98,7	104,3	98,2	101,0
Lviv	102,3	95,2	103,7	105,7	104,6	99,7	106,7
Mykolayiv	103,2	95,3	99,0	103,1	106,6	91,2	108,7
Odesa	102,4	95,8	104,0	101,8	103,4	96,6	106,2
Poltava	109,5	93,8	96,7	103,8	101,0	96,0	100,2
Rivne	106,8	93,4	103,4	101,5	107,1	98,1	102,3
Sumy	98,9	96,7	100,1	105,5	101,9	98,0	99,1
Ternopil	100,4	93,7	105,5	103,3	103,6	96,8	106,7
Kharkiv	101,7	90,9	101,2	102,4	101,4	96,6	101,1
Kherson	101,8	98,7	100,7	99,9	104,6	95,6	103,6
Khmelnyskiy	100,0	92,2	106,2	101,9	100,7	100,0	105,7
Cherkasy	105,9	95,0	98,2	108,8	103,7	94,4	104,8
Chernivtsi	100,3	94,7	103,4	104,6	105,1	95,3	103,1
Chernihiv	100,0	93,4	102,0	104,2	101,7	97,1	102,4
cities							
Kyiv	101,4	93,3	105,7	103,7	103,1	97,0	104,0
Sevastopol	106,4	...	...	...	...	...	...

11. GOVERNMENT FINANCE AND CREDIT

The section reveals Ukraine's budget execution, banking statistics, basic financial indicators for economic activities of enterprises and organisations.

Budget is a plan for formation and uses of financial resources to ensure tasks and functions to be performed by public authorities, the Autonomous Republic of Crimea's authorities and local authorities during the budget period.

Ukraine budget system is a summation of the state budget and local budgets which takes into account the economic relations, the state and administrative and territorial division and is regulated by rules of law.

Local budgets are the budget of the Autonomous Republic of Crimea, regional, district budgets and budgets of local self-governments. Budgets of local self-government – budgets of rural, settlement, city territorial communities, as well as budgets of districts in cities (in case of formation of district councils in the city).

Ukraine consolidated budget includes indicators of the State budget of Ukraine, consolidated budget of the Autonomous Republic of Crimea and consolidated budgets of regions, cities of Kyiv and Sevastopol.

Budget income are tax, non-tax and other revenues on non-repayable terms whose deductions are envisaged by the Ukraine legislation (including transfers, payment for provision of administrative services, own revenues of the budgetary establishments).

Budget expenditure are funds aimed at implementing the programs and plans envisaged by the relevant budget.

The budget expenditure doesn't include: debt repayment; budget lending; depositing budget funds; purchase of securities; refund of the overpaid sums of taxes and fees, and other budget revenues, their reimbursement out of the budget; compensation for a part of

the sum of penal (financial) sanctions being transferred to buyers (consumers) out of penal (financial) sanctions.

Lending are transactions with provision of funds from the budget on condition of repayment, payment and maturity whereupon obligations toward the budget arise (provision of credits from the budget) and transactions with the return of such funds toward the budget (return of credits toward the budget). Credits from the budget include loans and financial assistance from the budget on a repayable basis.

Inter-budgetary transfer are funds transferred from one budget to another on a free and irrevocable basis.

Budget deficit is an excess of the budget expenditure over its income (taking into account the difference between the provision of credits from the budget and return of credits toward the budget).

Budget profit is an excess of budget income over its expenditure (taking into account the difference between return of credits toward the budget and provision of credits from the budget).

The financing of the budget is the budget's revenue and expenditure connected with the change in debt, deposits and securities, funds from privatization of the state property (with regard to the state budget), change in remainder of budget funds used to meet the budget deficit or determine budget surplus.

Credits are financial assets which are created providing a creditor gives funds directly to a borrower and are confirmed by documents that are not circulated.

Deposits – claims on the other deposit-taking corporations (banks) that are represented by evidence of deposit.

Official exchange rate of hryvnia against foreign currencies is the rate of the national monetary unit, set by the National Bank of Ukraine of foreign currencies.

GOVERNMENT FINANCE AND CREDIT

11.1. Consolidated budget of Ukraine¹

(mln. UAH)

	2005	2010	2015	2018	2019	2020	2021	2022
Revenue	134183,2	314506,3²	652031,0	1184290,8	1289849,2	1376673,8	1662333,6	2196634,6
Tax revenues	98065,2	234447,7	507635,9	986348,5	1070321,8	1136687,2	1453804,1	1343225,0
Non-tax revenues	31778,0	73837,0	140154,4	192716,6	212858,5	234421,6	202591,8	368730,2
Revenues from capital transactions	2803,9	3143,2	1799,5	2801,0	3111,9	3552,5	3790,9	2887,0
From the European Union, governments of foreign countries, international organisations, donor institutions	182,5	305,6	1882,2	1559,0	1184,2	1176,0	1366,0	481314,0
Earmarked funds	1353,6	2772,7	558,9	865,6	2372,8	836,4	780,8	478,5
Expenditure³	141698,8	377842,8	679871,4	1250189,5	1372350,6	1595395,9	1845367,4	43043871,4
Public administration	15480,9	44902,5	117642,4	191550,0	203109,2	204819,6	252752,4	248475,9
including debt servicing	3311,6	16395,4	86172,7	116088,0	120096,1	121239,4	152003,1	158907,4
Defence	6041,0	11347,1	52015,8	97024,1	106627,8	120374,1	127527,0	1143163,6
Law enforcement, security and judiciary	10226,8	28825,6	54963,0	118025,5	143694,4	159509,6	176149,9	454457,0
Economic activity	19115,1	43832,4	56257,3	140761,4	154218,0	262916,6	293637,3	156484,3
Environment protection	1252,5	2872,4	5529,7	8242,1	9731,1	9056,6	10620,6	5226,7
Housing and utilities	3914,2	5431,3	15700,4	30345,5	34490,0	32214,5	56935,6	41160,1
Health care	15476,5	44745,4	71001,1	115852,0	128384,6	175789,7	204121,8	215275,8
Intellectual and physical development	3449,8	11525,4	16228,3	28993,1	31550,1	31710,9	43358,4	33678,8
Education	26801,8	79826,0	114193,5	210032,3	238758,7	252283,7	312917,9	290761,0
Social protection and social security	39940,2	104534,9	176339,8	309363,6	321786,7	346720,5	367346,6	455188,1
Lending	290,7	1348,4	3057,8	1893,0	4762,7	5736,8	4775,7	-2242,5
Excess of expenditure over revenue (deficit)	7806,3	64684,9	30898,2	67791,8	87264,2	224458,8	187809,5	844994,3

¹ Here and elsewhere (Tables 11.2, 11.3) based on data from the Ministry of Finance of Ukraine (when rounding, the sum of the components may differ from the total for some indicators due to electronic data processing)

² In 2010, including repayment of last years indebtedness of VAT refunding amounted 16,4 bln. UAH on the special fund of the Central Budget of Ukraine by release domestic government bonds

³ Excluding lending

GOVERNMENT FINANCE AND CREDIT

11.2. Ukraine's Central budget deficit and sources used for its funding

(mln. UAH)

	2005	2010	2015	2018	2019	2020	2021	2022
Excess of expenditure over revenue (deficit)	7945,7	64265,5¹	45167,5	59251,1	80993,7	217611,0	198843,8	914868,0
Deficit financing sources								
Domestic financing	6997,5	17007,2	-64522,7	14492,0	85005,3	121822,1	83431,5	349295,1
External financing	948,2	47258,3	109690,2	44759,2	-4011,6	95788,9	115412,3	565573,0

¹ In 2010, including domestic government bonds issue by special fund of Central Budget of Ukraine to repay a debt of last years with VAT refunding amounted 16,4 bln. UAH as well as to issue domestic government bonds to increase the statutory fund of the state mortgage institution amounted 2 bln. UAH

11.3. Budgets of Ukraine (excluding inter-budget transfers)

(mln. UAH)

	Consolidated	Including			
		state		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Revenue					
2005	134183,2	103867,0	77,4	30316,2	22,6
2010 ¹	314506,3	233990,5	74,4	80515,8	25,6
2015	652031,0	531550,8	81,5	120480,2	18,5
2018	1184290,8	920808,7	77,8	263482,1	22,2
2019	1289849,2	989619,9	76,7	300229,3	23,3
2020	1376673,8	1065368,9	77,4	311304,8	22,6
2021	1662333,6	1284320,3	77,3	378013,3	22,7
2022	2196634,6	1778245,4	81,0	418389,2	19,0
Tax revenues					
2005	98065,2	74476,4	75,9	23588,7	24,1
2010 ¹	234447,7	166872,2	71,2	67575,6	28,8
2015	507635,9	409417,5	80,7	98218,4	19,3
2018	986348,5	753815,6	76,4	232532,9	23,6
2019	1070321,8	799776,0	74,7	270545,8	25,3
2020	1136687,2	851115,6	74,9	285571,5	25,1
2021	1453804,1	1107090,9	76,2	346713,2	23,8
2022	1343225,0	949764,4	70,7	393460,6	29,3
including personal income tax and change					
2005	17325,2	838,6	4,8	16486,6	95,2
2010	51029,3	—	—	51029,3	100,0
2015	99983,2	45062,0	45,1	54921,2	54,9
2018	229900,6	91741,8	39,9	138158,8	60,1
2019	275458,5	109954,0	39,9	165504,4	60,1
2020	295107,3	117281,3	39,7	177826,0	60,3
2021	349785,5	137555,2	39,3	212230,3	60,7
2022	420672,6	148427,3	35,3	272245,3	64,7

GOVERNMENT FINANCE AND CREDIT

Table 11.3 continued

	Consolidated	Including			
		state		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
enterprise profit tax					
2005	23464,0	23272,2	99,2	191,8	0,8
2010	40359,1	39969,2	99,0	389,9	1,0
2015	39053,2	34776,3	89,0	4276,8	11,0
2018	106182,3	96882,3	91,2	9300,0	8,8
2019	117316,8	107086,3	91,3	10230,5	8,7
2020	118471,8	108695,0	91,7	9776,7	8,3
2021	163844,5	147751,7	90,2	16092,7	9,8
2022	130561,8	117049,9	89,7	13511,9	10,3
VAT					
2005	33803,8	33803,8	100,0	—	—
2010 ¹	86315,9	86315,9	100,0	—	—
2015	178452,4	178452,4	100,0	—	—
2018	374508,2	374508,2	100,0	—	—
2019	378690,2	378690,2	100,0	—	—
2020	400600,1	400600,1	100,0	—	—
2021	536489,1	536489,1	100,0	—	—
2022	467000,9	467000,9	100,0	—	—
excise tax					
2005	7945,4	7881,8	99,2	63,6	0,8
2010	28316,1	27620,7	97,5	695,4	2,5
2015	70795,2	63110,6	89,1	7684,6	10,9
2018	132649,8	118852,4	89,6	13797,4	10,4
2019	137076,4	123357,9	90,0	13718,5	10,0
2020	153850,3	138296,1	89,9	15554,2	10,1
2021	180300,4	162451,2	90,1	17849,1	9,9
2022	115434,4	102352,9	88,7	13081,5	11,3
Non-tax revenue					
2005	31778,0	28236,4	88,9	3541,7	11,1
2010	73837,0	65067,7	88,1	8769,2	11,9
2015	140154,4	120006,5	85,6	20148,0	14,4
2018	192716,6	164683,1	85,5	28033,5	14,5
2019	212858,5	186750,1	87,7	26108,4	12,3
2020	234421,6	212957,2	90,8	21464,4	9,2
2021	202591,8	175361,4	86,6	27230,4	13,4
2022	368730,2	346643,2	94,0	22087,0	6,0
Other revenues					
2005	4340,0	1154,2	26,6	3185,8	73,4
2010	6221,5	2050,6	33,0	4171,0	67,0
2015	4240,7	2126,7	50,2	2113,9	49,8
2018	5225,6	2309,9	44,2	2915,7	55,8
2019	6668,8	3093,7	46,4	3575,1	53,6
2020	5564,9	1296,1	23,3	4268,8	76,7
2021	5937,7	1868,0	31,5	4069,7	68,5
2022	484679,4	481837,9	99,4	2841,5	0,6
Expenditure ²					
2005	141698,8	89614,9	63,2	52083,9	36,8
2010	377842,8	225822,5	59,8	152020,3	40,2
2015	679871,4	402931,4	59,3	276940,0	40,7
2018	1250189,5	686912,1	54,9	563277,4	45,1
2019	1372350,6	814820,1	59,4	557530,6	40,6
2020	1595395,9	1127944,3	70,7	467451,6	29,3
2021	1845367,4	1288473,1	69,8	556894,3	30,2
2022	3043871,4	2568946,3	84,4	474925,1	15,6

GOVERNMENT FINANCE AND CREDIT

Table 11.3 continued

	Consolidated	Including			
		state		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Public administration					
2005	15480,9	11980,5	77,4	3500,4	22,6
2010	44902,5	34694,3	77,3	10208,2	22,7
2015	117642,4	103116,7	87,7	14525,7	12,3
2018	191550,0	162958,1	85,1	28591,9	14,9
2019	203109,2	168194,4	82,8	34914,8	17,2
2020	204819,6	163850,1	80,0	40969,4	20,0
2021	252752,4	206789,1	81,8	45963,3	18,2
2022	248475,9	202007,7	81,3	46468,3	18,7
including debt servicing					
2005	3311,6	3110,4	93,9	201,2	6,1
2010	16395,4	15539,0	94,8	856,4	5,2
2015	86172,7	84505,4	98,1	1667,3	1,9
2018	116088,0	115431,2	99,4	656,9	0,6
2019	120096,1	119247,6	99,3	848,4	0,7
2020	121239,4	119718,8	98,7	1520,6	1,3
2021	152003,1	150063,1	98,7	1940,0	1,3
2022	158907,4	156516,0	98,5	2391,4	1,5
Defence					
2005	6041,0	6041,0	100,0	—	—
2010	11347,1	11347,1	100,0	—	—
2015	52015,8	52005,2	100,0	10,6	0,02
2018	97024,1	97024,1	100,0	—	—
2019	106627,8	106627,8	100,0	—	—
2020	120374,1	120374,1	100,0	—	—
2021	127527,0	127527,0	100,0	—	—
2022	1143163,6	1143163,6	100,0	—	—
Law enforcement, security and judiciary					
2005	10226,8	10142,2	99,2	84,7	0,8
2010	28825,6	28570,7	99,1	254,9	0,9
2015	54963,0	54643,4	99,4	319,6	0,6
2018	118025,5	116875,9	99,0	1149,6	1,0
2019	143694,4	142389,8	99,1	1304,6	0,9
2020	159509,6	157675,8	98,9	1833,8	1,1
2021	176149,9	174410,1	99,0	1739,7	1,0
2022	454457,0	443348,7	97,6	11108,3	2,4
Economic activity					
2005	19115,1	14041,3	73,5	5073,9	26,5
2010	43832,4	36030,0	82,2	7802,4	17,8
2015	56257,3	37135,4	66,0	19121,9	34,0
2018	140761,4	63600,9	45,2	77160,5	54,8
2019	154218,0	72363,7	46,9	81854,2	53,1
2020	262916,6	168990,0	64,3	93926,6	35,7
2021	293637,3	181277,2	61,7	112360,1	38,3
2022	156484,3	95368,6	60,9	61115,7	39,1
Environment protection					
2005	1252,5	981,1	78,3	271,4	21,7
2010	2872,4	2292,7	79,8	579,7	20,2
2015	5529,7	4053,0	73,3	1476,7	26,7
2018	8242,1	5241,2	63,6	3000,9	36,4
2019	9731,1	6317,6	64,9	3413,5	35,1
2020	9056,6	6636,8	73,3	2419,8	26,7
2021	10620,6	8200,2	77,2	2420,4	22,8
2022	5226,7	4714,2	90,2	512,5	9,8

GOVERNMENT FINANCE AND CREDIT

Table 11.3 continued

	Consolidated	Including			
		state		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Housing and utilities					
2005	3914,2	110,0	2,8	3804,1	97,2
2010	5431,3	844,4	15,5	4586,9	84,5
2015	15700,4	21,5	0,1	15678,9	99,9
2018	30345,5	296,9	1,0	30048,5	99,0
2019	34490,0	108,0	0,3	34382,0	99,7
2020	32214,5	88,5	0,3	32125,9	99,7
2021	56935,6	164,1	0,3	56771,5	99,7
2022	41160,1	528,6	1,3	40631,4	98,7
Health care					
2005	15476,5	3508,1	22,7	11968,4	77,3
2010	44745,4	8759,0	19,6	35986,3	80,4
2015	71001,1	11450,4	16,1	59550,7	83,9
2018	115852,0	22618,0	19,5	93233,9	80,5
2019	128384,6	38566,6	30,0	89818,0	70,0
2020	175789,7	124923,7	71,1	50866,0	28,9
2021	204121,8	171016,5	83,8	33105,2	16,2
2022	215275,8	184268,0	85,6	31007,8	14,4
Intellectual and physical development					
2005	3449,8	1273,7	36,9	2176,1	63,1
2010	11525,4	5165,5	44,8	6359,8	55,2
2015	16228,3	6619,2	40,8	9609,2	59,2
2018	28993,1	10107,1	34,9	18886,0	65,1
2019	31550,1	9967,0	31,6	21583,2	68,4
2020	31710,9	9826,4	31,0	21884,5	69,0
2021	43358,4	15970,3	36,8	27388,0	63,2
2022	33678,8	11051,3	32,8	22627,6	67,2
Education					
2005	26801,8	9932,8	37,1	16869,0	62,9
2010	79826,0	28807,5	36,1	51018,5	63,9
2015	114193,5	30185,7	26,4	84007,8	73,6
2018	210032,3	44324,3	21,1	165708,0	78,9
2019	238758,7	51656,6	21,6	187102,1	78,4
2020	252283,7	52857,8	21,0	199425,9	79,0
2021	312917,9	63839,7	20,4	249078,3	79,6
2022	290761,0	58508,6	20,1	232252,4	79,9
Social protection and social security					
2005	39940,2	31604,3	79,1	8336,0	20,9
2010	104534,9	69311,3	66,3	35223,6	33,7
2015	176339,8	103700,9	58,8	72638,9	41,2
2018	309363,6	163865,6	53,0	145498,0	47,0
2019	321786,7	218628,6	67,9	103158,1	32,1
2020	346720,5	322720,9	93,1	23999,6	6,9
2021	367346,6	339278,9	92,4	28067,8	7,6
2022	455188,1	425987,0	93,6	29201,0	6,4
Lending					
2005	290,7	299,9	103,2	-9,2	-3,2
2010	1348,4	1292,0	95,8	56,4	4,2
2015	3057,8	2950,9	96,5	106,9	3,5
2018	1893,0	1514,3	80,0	378,8	20,0
2019	4762,7	4216,5	88,5	546,2	11,5
2020	5736,8	5516,6	96,2	220,2	3,8
2021	4775,7	4533,9	94,9	241,8	5,1
2022	-2242,5	-3170,5	141,4	928,1	-41,4

¹ See the second footnote to Table 11.1² See the third footnote to Table 11.1

GOVERNMENT FINANCE AND CREDIT

11.4. Monetary aggregates^{1,2}*(end of year; mln. UAH)*

	2005	2010	2015	2018	2019	2020	2021	2022
Money circulating beyond banks (M0)	60231	182990	282673	363629	384366	516085	581011	666073
Monetary aggregate (M1)	98573	289894	472217	671285	770043	1050051	1281238	1571360
Monetary aggregate (M2)	193145	596841	993812	1273772	1435221	1847363	2069606	2500502
Monetary aggregate (M3)	194071	597872	994062	1277635	1438311	1850007	2071358	2501621

¹ Here and elsewhere (Tables 11.5–11.7) based on data from the National Bank of Ukraine² Monetary aggregates – liabilities of deposit-taking corporations to other sectors of the economy with the exception of general government and other deposit-taking corporations sector. Monetary aggregate M0 includes currency in circulation outside the deposit-taking corporations. Monetary aggregate M1 – monetary aggregate M0 and transferable deposits in national currency. Monetary aggregate M2 – monetary aggregate M1 and transferable deposits in foreign currency and other deposits. Monetary aggregate M3 (money supply) – monetary aggregate M2 and securities other than shares**11.5. Resident deposit-taking corporations (banks) loans¹***(end of year; mln. UAH)*

	2005	2010	2015	2018	2019	2020	2021	2022
Total	143423	732823	981627	1073131	971871	948386	1044049	1007648
in currency								
national	81279	395504	433826	613994	613708	600474	742368	728203
foreign	62144	337319	547802	459137	358162	347912	301682	279444

¹ With interest accrued; excluding credits given to depository corporations sector**11.6. Official exchange rate of hryvnia to foreign currencies set by the National Bank of Ukraine, average per year***(UAH)*

	2005	2010	2015	2018	2019	2020	2021	2022
1 pounds sterling	9,34	12,27	33,40	36,34	33,00	34,59	37,55	39,86
1 US dollars	5,12	7,94	21,84	27,20	25,85	26,96	27,29	32,34
1 euros	6,39	10,53	24,23	32,14	28,95	30,79	32,31	33,98
10 yen	0,47	0,91	1,80	2,46	2,37	2,53	2,49	2,47
1 SDRs (special drawing rights)	7,58	12,11	30,56	38,51	35,72	37,57	38,88	43,19
10 russian rubles	1,81	2,61	3,62	4,36	3,99	3,74	3,70	4,93

11.7. Deposits by households, held with deposit-taking corporations (banks)*(end of year; mln. UAH)*

	2005	2010	2015	2018	2019	2020	2021	2022
Total	74778	275093	410895	530250	576126	730317	794152	1045731
in currency								
national	43688	142924	198876	289416	339168	433417	506980	653343
foreign	31090	132169	212019	240833	236958	296900	287172	392388

12. PRICES

Consumer price index (inflation index) is an indicator of changes in the time of prices and tariffs for goods and services being purchased by the population for unproductive consumption. The CPI calculation is based on data on the changes in prices (tariffs) obtained through the monthly registration of the prices (tariffs) in the consumer market, and national accounts data on households' expenditure for final consumption across the country as a whole using detailed data on structure of actual consumer money expenditure of households.

Industrial producer price index is an indicator of changes over time within industrial production. It is compiled monthly using data on prices for the industrial products which are given according to the *Nomenclature of Industrial Products (NIP)* by sampling circle of enterprises. The prices are weighed by the volume of sold industrial products in monetary terms.

Price index for agricultural products sold by agricultural enterprises is an indicator of changes over time to average prices for the own-produced agricultural products sold by enterprises.

Price index for construction the movements in construction prices over the time. It is compiled monthly based on data from other state statistical observation and administrative data. The weighing basis is the data on construction costs for certain types of assets (residential buildings, non-residential buildings and engineering structure).

PRICES

12.1. Price indices

(percent of the previous year)

	2005	2010	2015	2017	2018	2019	2020	2021	2022
Consumer price index	113,5	109,4	148,7	114,4	110,9	107,9	102,7	109,4	120,2
Industrial producer price index	116,7	120,9	136,0	126,4	117,4	104,1	98,4	140,8	...
Price index for agricultural products sold by agricultural enterprises	108,1	130,0	154,5	111,5	109,3	92,4	119,2	136,0	101,2
Price index for construction	125,6	115,8	127,1	113,4	123,0	106,0	103,7	117,5	...

12.2. Consumer and producer price indices

(Dec. over Dec. of the previous year; percent)

	2005	2010	2015	2017	2018	2019	2020	2021	2022
Consumer price index	110,3	109,1	143,3	113,7	109,8	104,1	105,0	110,0	126,6
Base consumer price index	...	107,9	134,7	109,5	108,7	103,9	104,5	107,9	122,6
Industrial producer price index	109,5	118,7	125,4	116,5	114,2	92,6	114,5	162,2	...
Price index for construction	126,0	118,9	122,7	115,5	119,1	100,7	109,6	120,5	...

PRICES

12.3. Indices of consumer prices for the basic groups of goods and services

(percent)

	2010	2015	2020	2021	2022	2010	2015	2020	2021	2022
	Dec. over Dec. of the previous year					of the previous year				
Foodstuffs and non-alcoholic beverages	110,6	141,5	104,9	112,7	134,4	110,9	145,9	102,7	110,8	126,6
Foodstuffs	110,7	140,1	105,2	113,3	134,4	110,7	144,4	102,9	111,3	127,1
bread and cereal products	116,5	144,6	109,7	117,3	130,3	112,3	160,6	108,6	114,3	129,7
bread	111,3	145,7	108,5	118,7	122,1	110,2	154,8	106,4	115,8	122,4
pasta	111,0	143,6	106,5	110,9	127,9	107,1	154,1	103,5	109,1	124,9
meat and meat products	104,1	122,5	100,8	112,9	124,6	102,0	131,3	99,9	109,3	118,8
fish and fish products	104,2	142,4	103,8	109,3	145,8	105,1	160,2	102,4	107,1	130,3
milk, cheese and eggs	116,0	133,5	108,0	111,9	132,8	121,9	128,5	104,7	112,5	119,6
oil and fats	108,1	141,5	108,8	123,8	129,9	109,6	145,5	102,6	125,2	123,6
fruits	109,3	148,2	112,9	89,8	173,8	105,1	172,4	122,2	97,9	127,7
vegetables	120,9	166,7	87,9	112,7	151,8	114,5	130,8	83,4	96,1	168,5
sugar	120,3	169,8	147,7	128,3	131,0	157,5	136,0	109,7	161,5	123,2
Non-alcoholic beverages	105,7	157,8	102,0	103,8	136,7	109,1	166,1	101,8	103,1	121,0
Alcoholic beverages, tobacco (products)	122,1	122,7	109,2	109,4	122,7	125,6	133,2	110,7	109,8	117,4
Clothes and footwear	102,2	135,0	92,7	96,5	102,4	103,7	133,1	95,4	95,5	97,3
clothes	102,3	133,2	92,8	96,4	101,3	103,6	131,1	95,8	95,6	96,5
footwear	102,5	137,8	92,5	95,9	103,2	104,1	136,4	94,8	95,2	97,4
Housing, water, electricity, gas and other types of fuels	113,8	203,0	113,6	109,8	106,0	109,4	215,8	97,0	123,2	105,1
water supply	106,4	123,0	118,5	111,8	112,0	112,9	138,7	121,8	113,2	112,5
sewerage	107,1	122,5	116,5	118,6	114,9	116,9	146,5	118,8	119,9	115,5
maintenance of buildings and adjacent territories	104,4	105,4	102,7	106,7	103,2	112,6	105,0	104,5	103,9	106,2
electricity	100,0	166,9	100,0	126,5	100,0	100,0	142,3	100,0	134,1	94,3
natural gas	150,1	373,0	156,3	115,5	99,7	120,9	453,2	81,2	165,8	110,1
hot water, heating	106,2	178,4	97,8	102,2	100,2	105,6	161,1	91,5	109,8	100,4
Household goods, household appliances and current maintenance of housing	101,2	136,0	100,5	104,2	126,5	103,2	145,9	99,3	102,9	116,1
Health care	105,8	129,1	107,7	106,1	119,9	107,9	137,6	105,3	106,6	114,5
Transport	106,6	120,4	102,7	111,1	142,9	109,6	136,8	98,1	110,0	131,8
fuels and lubricants	113,9	112,5	89,5	126,5	169,4	118,3	134,5	84,0	124,2	156,2
transport services	105,0	127,0	103,9	117,1	128,1	108,1	132,2	104,4	109,9	126,8
rail passenger transport	100,0	109,0	106,1	114,9	104,7	105,3	118,7	107,2	109,7	110,7
road passenger transport	105,8	130,6	103,0	119,8	130,3	108,4	134,5	104,3	110,5	130,1
Communications	91,1	107,0	104,1	107,4	113,4	93,6	105,9	106,5	105,2	110,9
Leisure and culture	102,5	137,9	100,1	105,0	115,9	104,0	142,7	98,2	103,3	110,9
Education	110,3	124,2	113,9	117,0	109,8	113,1	117,9	113,6	115,3	114,1
Restaurants and hotels	107,4	123,3	103,7	109,0	122,5	107,4	124,3	105,9	106,1	116,1
Various goods and services	108,7	131,4	106,0	109,1	117,8	109,2	138,6	106,4	106,5	114,0

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12.4. Consumer price indices, by region

(percent)

	2010	2015	2020	2021	2022	2010	2015	2020	2021	2022
	Dec. over Dec. of the previous year					of the previous year				
Ukraine	109,1	143,3	105,0	110,0	126,6	109,4	148,7	102,7	109,4	120,2
Autonomous Republic of Crimea	109,6	...	...	...	...	110,7	...	...	...	...
oblasts										
Vinnitsya	107,0	138,8	102,9	108,7	124,3	108,0	146,2	100,7	107,4	117,8
Volyn	108,1	143,3	105,8	109,9	127,0	108,0	150,5	103,8	109,8	119,9
Dnipropetrovsk	109,3	142,6	104,5	109,6	125,3	109,8	149,8	102,3	108,5	118,9
Donetsk	110,3	146,9	105,2	111,2	126,9	109,9	146,1	103,6	110,8	120,3
Zhytomyr	108,9	143,7	104,6	109,0	125,4	109,3	151,1	102,0	108,8	118,6
Zakarpattia	108,5	144,0	105,7	110,1	127,7	109,0	151,0	104,0	109,8	121,2
Zaporizhzhya	109,7	142,1	104,2	108,8	124,1	110,3	148,5	101,6	108,6	118,3
Ivano-Frankivsk	108,3	143,4	105,6	110,2	126,3	108,3	150,4	103,3	109,3	120,2
Kyiv	107,9	144,3	105,2	110,4	126,8	108,3	150,4	102,5	110,2	120,0
Kirovohrad	108,5	141,3	105,3	110,5	127,6	108,2	146,7	102,3	110,5	120,5
Luhansk	110,5	138,8	105,0	110,9	124,9	109,9	143,8	102,6	110,3	119,2
Lviv	109,7	145,2	105,3	108,9	126,4	110,5	152,5	103,0	108,9	119,2
Mykolayiv	110,0	143,5	104,9	110,3	125,9	110,0	149,0	102,6	109,2	120,6
Odesa	110,5	144,6	104,4	110,4	125,2	111,2	151,6	102,0	109,7	119,0
Poltava	108,4	145,0	103,7	110,4	126,6	109,2	149,2	102,3	109,0	119,7
Rivne	108,3	144,9	105,3	109,6	125,4	108,5	151,8	103,1	109,4	118,2
Sumy	108,9	145,5	104,8	111,0	128,2	109,1	150,4	102,5	110,0	122,1
Ternopil	108,5	145,1	103,7	109,5	125,4	108,1	151,7	102,1	108,2	118,6
Kharkiv	109,0	144,2	105,2	110,1	125,3	109,5	149,9	103,2	109,2	120,1
Kherson	110,6	145,8	105,6	110,0	142,3	109,8	150,1	102,5	110,0	133,8
Khmelnyskiy	109,6	142,5	104,9	109,8	125,9	110,2	148,5	103,3	108,9	119,3
Cherkasy	109,0	143,8	105,9	111,7	125,4	108,9	149,6	102,8	111,0	119,8
Chernivtsi	108,2	142,0	105,5	108,4	125,9	108,1	148,6	103,0	108,7	119,2
Chernihiv	109,5	145,6	105,2	110,6	128,4	108,9	152,7	103,1	109,6	122,1
cities										
Kyiv	109,8	138,6	105,8	109,7	127,4	110,0	143,9	103,1	109,2	120,6
Sevastopol	112,8	...	...	...	...	112,5	...	...	...	...

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12.5. Consumer price indices

	Consumer price indices	Of				
		foodstuffs and non-alcoholic beverages	alcoholic beverages, tobacco products	clothes and footwear	housing, water, electricity, gas and other types of fuels	household goods, household appliances and current maintenance of housing
Ukraine	126,6	134,4	122,7	102,4	106,0	126,5
Autonomous Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnysya	124,3	133,0	121,0	94,5	110,3	117,3
Volyn	127,0	134,1	120,4	101,2	106,9	122,8
Dnipropetrovsk	125,3	131,7	119,6	98,0	108,4	124,0
Donetsk	126,9	136,2	121,0	102,1	104,1	131,1
Zhytomyr	125,4	128,8	126,5	99,8	108,1	132,6
Zakarpattya	127,7	135,1	126,4	108,1	107,8	123,1
Zaporizhzhya	124,1	131,8	121,7	94,0	103,8	124,9
Ivano-Frankivsk	126,3	132,9	119,1	109,9	107,6	129,1
Kyiv	126,8	132,1	128,8	108,4	104,4	134,2
Kirovohrad	127,6	135,6	129,0	88,4	109,4	129,0
Luhansk	124,9	131,7	121,7	99,8	105,3	126,9
Lviv	126,4	133,6	118,9	110,1	111,3	122,4
Mykolayiv	125,9	132,9	122,8	98,9	104,7	122,7
Odesa	125,2	132,0	126,6	99,0	103,1	125,5
Poltava	126,6	134,1	123,3	103,9	107,2	120,4
Rivne	125,4	132,1	119,8	108,2	104,5	124,0
Sumy	128,2	136,8	120,5	113,7	104,9	137,5
Ternopil	125,4	133,7	124,4	97,8	108,5	126,4
Kharkiv	125,3	135,1	120,5	101,8	102,6	128,0
Kherson	142,3	173,5	121,1	100,8	98,3	117,3
Khmelnyskiy	125,9	133,2	122,8	110,3	106,4	117,8
Cherkasy	125,4	129,8	119,6	99,4	109,0	126,3
Chernivtsi	125,9	131,3	121,9	107,2	110,1	117,6
Chernihiv	128,4	135,3	125,8	105,2	104,2	134,9
cities						
Kyiv	127,4	134,4	127,6	99,7	102,1	133,7
Sevastopol	...	...	...	...	...	...

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in 2022, by region

(Dec. over Dec. of the previous year; percent)

which

health care	transport	communications	leisure and culture	education	restaurants and hotels	various goods and services
119,9	142,9	113,4	115,9	109,8	122,5	117,8
...	...	...	...	...	...	...
120,5	138,0	111,5	114,2	108,3	110,8	108,2
116,0	144,6	111,9	119,0	117,1	126,5	134,7
122,8	144,2	111,2	116,0	104,3	120,2	114,9
119,5	140,7	114,6	117,6	109,2	124,1	115,5
119,3	151,9	113,1	114,0	113,2	117,6	118,2
121,6	145,3	112,0	119,1	109,8	122,2	120,6
120,6	134,4	114,1	122,8	109,8	127,0	112,4
116,5	147,2	112,6	117,5	113,7	132,4	114,5
118,0	148,4	112,4	117,3	112,7	124,8	116,1
121,1	145,2	108,5	113,4	108,7	121,8	121,0
120,6	138,3	113,5	112,9	107,7	125,5	116,6
118,2	144,7	114,3	108,5	110,9	127,3	118,0
120,6	149,7	110,4	116,0	106,1	110,6	122,1
119,7	141,1	115,5	116,9	109,2	120,9	116,3
118,5	145,7	115,4	116,3	116,7	123,0	115,7
121,3	144,5	111,9	117,0	105,2	125,9	116,1
118,2	139,4	112,8	123,5	117,7	119,2	118,0
119,8	135,1	114,7	124,1	116,8	116,6	117,6
116,7	135,3	114,3	116,2	103,1	119,8	117,2
112,1	139,0	112,8	110,9	112,6	110,6	160,1
118,0	143,2	111,6	115,7	113,2	119,1	115,2
118,4	149,8	117,1	120,3	116,3	126,7	117,4
113,4	153,4	111,4	123,8	111,2	125,4	120,3
121,9	147,5	115,9	117,7	104,3	129,7	120,2
124,5	143,5	115,9	109,2	108,6	124,0	116,1
...	...	...	...	...	...	...

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12.6. Industrial producer price indices, by type of activity

(percent)

	2015	2020	2021	2022	2015	2020	2021	2022
	Dec. over Dec. of the previous year				of the previous year			
Industry	125,4	114,5	162,2	...	136,0	98,4	140,8	...
Mining and quarrying	117,6	129,5	156,5	...	134,8	84,7	187,1	...
Mining of coal and lignite	99,2	92,7	250,6	...	126,0	71,9	133,8	...
Mining of crude oil and natural gas	220,3	128,6	179,6	...	211,7	71,7	199,4	...
Mining of metal ore	91,1	144,6	105,4	...	110,7	94,9	208,1	...
Manufacturing	123,8	115,7	128,1	...	136,7	101,6	129,9	...
including								
Manufacture of food products, beverages and tobacco products	136,4	121,9	116,9	...	142,5	109,2	125,3	...
Manufacture of textiles, apparel, leather and related products	126,7	104,7	103,7	...	133,2	103,4	102,6	...
Manufacture of wood and paper products, and printing	134,0	110,5	125,0	...	149,1	101,4	118,0	...
Manufacture of coke, and refined petroleum products	104,7	101,8	217,3	...	130,8	84,7	181,3	...
Manufacture of chemicals and chemical products	124,2	120,9	170,8	...	149,2	102,9	153,2	...
Manufacture of pharmaceuticals, medicinal chemical and botanical products	131,5	110,4	114,1	...	133,0	109,5	113,8	...
Manufacture of rubber and plastics products, and other non-metallic mineral products	129,6	104,1	122,4	...	137,5	101,7	111,7	...
Manufacture of basic metals and fabricated metal products, except machinery and equipment	112,4	125,2	141,9	...	135,3	96,1	156,3	...
Manufacture of computer, electronic and optical products	133,3	101,8	103,1	...	138,3	101,1	103,0	...
Manufacture of electrical equipment	121,6	104,4	114,6	...	134,1	91,1	112,1	...
Manufacture of machinery and equipment n.e.c.	128,2	101,8	118,7	...	127,0	100,5	112,1	...
Manufacture of transport equipment, trailers and semitrailers and other	115,5	101,2	117,8	...	113,4	101,2	107,3	...
Electricity, gas, steam and air-conditioning supply	133,2	103,9	285,4	...	134,4	96,3	152,0	...

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12.7. Producer price indices, by selected consumer goods

(Dec. over Dec. of the previous year; percent)

	2015	2017	2018	2019	2020	2021	2022
Fresh or cooled cattle meat	123,5	123,2	101,2	98,9	110,8	126,1	...
Fresh or cooled pork meat	116,2	134,8	101,4	101,6	93,7	116,3	...
Fresh or cooled poultry meat	124,3	135,3	99,2	95,4	101,0	117,0	...
Boiled sausages, frankfurters, sausages	120,1	121,2	110,8	106,7	104,3	122,3	...
Sunflower oil and its fractions, refined but not subjected to chemical modification	145,0	102,5	90,2	91,7	185,1	114,5	...
Skimmed milk processed (pasteurized, sterilized, homogenized, clarified, peptized)	122,3	122,4	109,4	108,8	109,2	116,3	...
Butter and milk products pasty	129,5	115,7	110,3	106,8	108,9	118,4	...
Cheese	138,3	118,7	107,7	107,1	101,8	128,0	...
Wheat or wheat-rye flour	118,7	110,3	119,2	90,3	135,9	122,0	...
Macaroni, noodles and similar farinaceous products	129,7	105,6	122,9	108,0	111,8	115,3	...
Refined white beet sugar in solid form	169,7	91,9	92,9	96,2	159,5	122,9	...
Vodka alcohol content of not more 45,4%	142,1	117,4	127,2	104,9	99,2	107,4	...
Bed linen	135,0	104,7	108,5	107,4	100,6	102,8	...
Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear	115,2	109,3	101,2	100,5	101,6	102,6	...
Kitchen furniture	140,2	112,8	109,9	96,0	110,8	126,1	...

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12.8. Price indices for agricultural products sold by agricultural enterprises

(percent of the previous year)

	2005	2010	2015	2017	2018	2019	2020	2021	2022
Agricultural production	108,1	130,0	154,5	111,5	109,3	92,4	119,2	136,0	101,2
Crop output	95,5	139,8	167,2	107,3	109,8	91,2	122,9	138,0	98,1
Grain crops	91,8	140,3	156,6	109,2	116,2	91,4	121,1	131,5	98,7
Oil crops	84,6	142,6	182,8	104,2	102,9	88,8	126,6	146,8	94,0
Sugar beets	130,3	115,4	160,5	98,1	89,5	101,5	114,8	134,2	133,3
Potatoes	126,8	164,3	79,9	127,1	108,7	144,9	94,6	98,0	88,1
Vegetables	125,6	143,0	142,7	112,4	104,3	117,0	82,1	117,9	184,3
Fruit and berries	133,6	118,0	163,7	134,4	72,5	100,4	127,5	94,0	91,4
Grapes	140,6	138,0	194,2	104,2	89,5	90,0	124,5	113,6	101,2
Cucurbitaceous crops	202,5	113,1	101,0	170,9	105,2	109,8	126,5	131,6	271,9
Livestock product	129,5	114,3	141,3	130,7	108,6	96,8	103,0	120,0	116,1
Livestock animals	134,8	104,2	138,6	140,1	104,4	97,8	99,1	115,7	121,2
Milk	134,3	155,5	120,8	131,0	104,6	107,5	107,9	116,2	105,9
Eggs	105,5	116,3	167,5	104,3	127,0	76,7	102,7	139,6	122,5
Wool	128,0	120,7	190,7	70,0	98,8	100,3	40,1	81,0	76,7

12.9. Price indices for construction

(percent)

	2010	2015	2020	2021	2022	2010	2015	2020	2021	2022
	Dec. over Dec. of the previous year					of the previous year				
Total	118,9	122,7	109,6	120,5	...	115,8	127,1	103,7	117,5	...
Buildings	116,5	122,9	106,7	120,7	...	114,2	125,7	103,0	114,4	...
residential	116,6	124,6	107,4	119,7	...	113,5	124,2	104,8	112,4	...
non-residential	116,5	121,5	106,1	121,4	...	115,0	128,2	101,3	115,9	...
Engineering structures	122,7	122,0	114,3	120,3	...	118,3	129,7	104,7	121,9	...
transport structures	125,3	121,9	103,4	139,1	...	119,3	130,6	101,0	120,2	...
pipelines, communication and power lines	117,5	131,6	106,4	114,5	...	119,6	134,2	100,9	111,0	...
complex industrial structures	126,5	114,9	131,6	115,7	...	117,9	123,0	113,4	132,5	...
other engineering structures	115,4	115,4	108,0	121,1	...	113,0	131,9	98,5	119,8	...

13. THE REGISTER OF STATISTICAL UNITS

Register of Statistical Units is database for statistical and administrative units with their characteristics aimed to conduct statistical observations over activity of enterprises. It consists of Statistical Register of Enterprises (SRE) and Statistical Register of Natural Persons-Entrepreneurs.

The administrative part of the SRE is the Unified State Register of Enterprises and Organizations of Ukraine (USREOU). It is maintained by the state statistics bodies according to Ukraine's law *On the State Statistics* and the Regulation on the Business register endorsed by the Ukraine Cabinet of Ministers' Regulation 118 of January 22, 1996 (in line with the wording of the Ukraine Cabinet of Ministers' Regulation 499 of June 22, 2005 make changes).

The Business Register entities are legal persons and separate units of legal persons which are located within the territory of Ukraine and carry out their activity based on its legislation.

The basis for data on entities to be included into the Business Register or excluded from it as well as making changes to the Business Register is information about registration actions envisaged by Ukraine's law *On the state registration of legal persons*, natural persons-entrepreneurs and public formations supplied from the Unified State Register of legal persons, natural persons-entrepreneurs and public formations (hereinafter, the USR) to the state statistics body.

Indicators on the number of the registered legal persons are compiled based on the USREOU data as the total number of legal persons which are registered with the USREOU.

The data given in the section reflect the changes in the number and structure of legal persons by region, and organisational and legal form of business as well as the structure of legal persons by type of economic activity.

THE REGISTER OF STATISTICAL UNITS

13.1. Number of registered legal persons, by region

(as of January 1)

	2016	2018	2019	2020	2021	2022	2023
Ukraine	1121347	1235024	1298435	1350627	1395448	1437009	1464953
Autonomous Republic of Crimea	...	...	...	...	...	...	...
oblasts							
Vinnitsya	27349	29869	30984	32031	33012	34318	35069
Volyn	18673	20288	21159	21933	22897	23627	24388
Dnipropetrovsk	92438	95678	97495	100768	103645	106275	108409
Donetsk	84073	86808	87995	90315	91822	93171	92514
Zhytomyr	27160	29456	30371	31428	32046	32670	33313
Zakarpattia	19987	21742	22438	23251	24137	25016	25859
Zaporizhzhya	43274	45583	46501	47441	48725	50432	50958
Ivano-Frankivsk	24326	26607	27577	28571	29459	30205	31063
Kyiv	55351	63257	66592	70046	73080	75654	77436
Kirovohrad	20714	22608	23487	24499	25348	26002	26369
Luhansk	39850	40307	40598	40997	41344	41445	41198
Lviv	57750	64462	67578	71104	74475	77475	80456
Mykolayiv	41047	44988	47383	48917	49939	51058	51450
Odesa	68103	76160	79306	83139	86456	89692	91547
Poltava	30147	32009	32775	33410	34608	35113	35665
Rivne	19446	21219	22041	22929	23918	24503	25089
Sumy	21074	22397	23633	24451	25128	25244	25480
Ternopil	19271	20601	21367	22012	22771	23152	23719
Kharkiv	67297	73703	76760	79644	83170	86327	87589
Kherson	24726	27169	28298	29034	29680	29574	29303
Khmelnyskiy	26908	28447	29343	29895	30474	31030	31754
Cherkasy	24739	27070	27909	28902	29848	30249	30657
Chernivtsi	14709	15365	15405	15910	16356	16584	17140
Chernihiv	19786	21239	21675	22397	23062	23291	23556
cities							
Kyiv	233149	277992	309765	327603	340048	354902	364972
Sevastopol	...	...	...	...	...	...	...

THE REGISTER OF STATISTICAL UNITS

13.2. Number of registered legal persons, by the organisational and legal forms

(as of January 1)

	2016 ¹	2018 ¹	2019 ¹	2020 ¹	2021 ¹	2022 ¹	2023 ¹
Total legal persons	1121347	1235024	1298435	1350627	1395448	1437009	1464953
including							
farm	43743	45035	45654	46929	47803	48868	49567
private enterprise	201788	200295	199990	200285	200160	199963	199853
public enterprise	4019	3893	3822	3750	3713	3664	3526
state-run enterprise	33	32	32	32	32	30	29
communal enterprise	11438	11640	12842	13883	14174	14188	14111
subsidiary	12336	12068	11823	11647	11554	11462	11419
foreign enterprise	676	653	637	631	627	624	622
enterprise association of citizens (religious organisation, trade union)	3288	3276	3268	3283	3331	3378	3374
enterprise founded by consumer partnership	1254	1213	1193	1165	1165	1121	1100
joint-stock company	15571	14710	14310	13902	13748	13646	13587
of which							
public joint-stock partnership	3486	2186	1727	1418	1280	1204	1190
private joint-stock partnership	4149	5076	5304	5352	5370	5304	5271
limited liability company	488205	576554	632231	674437	707403	743682	761776
extended liability company	1336	1453	1502	1513	1511	1511	1504
full liability company	1361	1344	1322	1315	1306	1297	1289
mixed liability company	387	377	370	372	371	370	367
cooperative	25763	26975	27524	28071	28596	29337	29588
of which							
production	2321	2248	2222	2206	2195	2181	2172
serve	17439	18654	19055	19547	20046	20776	21033
consumer	730	749	753	762	776	776	777
agriculture and production	998	996	1005	1009	1000	1001	988
agriculture and serve	949	1073	1207	1270	1279	1274	1262

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Table 13.2 continued

	2016 ¹	2018 ¹	2019 ¹	2020 ¹	2021 ¹	2022 ¹	2023 ¹
public authorities, organisations (establishment, institution)	102218	99033	96397	93952	95858	91992	90720
of which							
state-run organisation (establishment, institution)	12629	10708	10147	9613	10867	9924	9726
communal (establishment, institution)	61940	61782	60508	59103	58887	58195	57538
private (establishment, institution)	955	1060	1111	1205	1331	1444	1490
organisation (establishment, institution) public association (religious organisation, trade union, consumer cooperation, etc)	1602	1536	1517	1497	1493	1478	1479
association	2260	2376	2422	2459	2486	2517	2526
corporation	560	558	556	554	555	553	552
consortium	66	74	73	79	105	154	165
concern	195	191	188	185	186	187	187
union of consumer partnerships	322	319	318	317	314	309	306
other associations of legal persons	756	753	750	742	743	742	738
commodity exchange	595	622	622	620	621	588	578
credit union	1090	1079	1068	1061	1053	1044	1042
consumer partnership	4337	4420	4425	4389	4376	4359	4346
not state pension fund	72	73	73	74	74	73	71
political party	15557	15791	15485	15322	15383	14630	14437
non-profit organisation	70321	80461	84608	88882	92470	96543	99556
public union	753	1254	1455	1718	1875	2071	2212
religious organisation	23261	25223	26075	26347	26651	26915	27091
trade union, association of trade unions	26321	27601	28026	28486	28713	28973	28938
creative union (other professional organisation)	279	311	314	317	317	318	318
charitable organisation	15384	17726	18433	19112	19812	20498	26846
condominium	17109	27999	29916	32700	35353	37695	38606
community association							
population	1415	1552	1572	1614	1649	1730	1762
Separate units of legal persons	38545	49922	53433	54656	54591	54562	54350
including							
branch (other separate unit)	34278	45332	48573	49583	49378	49224	48965
representative office	4267	4590	4860	5073	5213	5338	5385

¹ Data exclude the temporarily occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol

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13.3. Number of registered legal persons, by type of economic activity

(as of January 1)

	2018	2019	2020	2021	2022	2023
Total legal persons¹	1235024	1298435	1350627	1395448	1437009	1464953
of which						
Agriculture, forestry and fishing	65185	67906	70903	73078	75740	77092
Mining and quarrying	3431	3635	3787	3942	4056	4154
Manufacturing	63309	67078	70497	73617	76690	78488
Electricity, gas, steam and air-conditioning supply	4015	5318	6087	6538	6971	7177
Water supply, sewerage, waste management and remediation	6240	6595	6862	7106	7361	7438
Construction	57947	63169	67694	70907	73850	75133
Wholesale and retail trade; repair of motor vehicles and motorcycles	210534	242334	259985	272074	284774	291977
Transportation and storage, postal and courier activities	26604	29099	31550	33865	35949	37567
Accommodation and food service activities	14067	15062	16323	17408	18789	19290
Information and communication	25468	28185	30761	33103	36271	37608
Financial and insurance activities	8548	9146	9577	10026	10578	10706
Real estate activities	47932	51476	55611	58294	61637	62810
Professional, scientific and technical activities	57875	62833	66953	70313	73642	74902
Administration and support service activities	70285	75513	81829	87192	92383	94246
Public administration and defence, compulsory social security	39636	38709	37771	39866	36336	35609
Education	39251	40450	41187	41950	42648	42560
Human health and social work activities	25864	27082	28329	29786	31157	37708
Arts, entertainment and recreation	10915	11437	11990	12535	13238	13369
Other services	116536	124081	130829	136001	140908	144430

¹ See the footnote to Table 13.2

14. CAPITAL ASSETS

Capital assets are material assets, which the enterprise keeps with the aim of their use for manufacturing or supplying of goods, rendering services, leasing to other persons or performance of administrative and social, and cultural functions. Expected term of useful usage (operation) of capital assets is more than one year (or an operational cycle, if it exceeds one year).

Capital assets include lands, buildings, constructions and transmitting devices, machines and equipment, vehicles, tools, perennial plants, animals, long-term biological assets for crop and animal production connected with agricultural activity, etc; as well as the capital assets, which are in personal property of the

population (houses, constructions, perennial plants, cattle, etc).

Fixed assets are stated at first cost (revalued).

Value of land plots, real estate, animals (that are used for other, than agricultural activity), is not distributed by types of economic activity.

Data for 2015–2018 of value fixed assets on budgetary institutions (main managers of budget funds) are included in the line "Total" without distribution by type of economic activity.

The information up to and including 2018 does not take into account the value of fixed assets of local executive authorities and local governments.

CAPITAL ASSETS

14.1. Capital assets, by type of economic activity*(end of year; mln. UAH)*

	2015	2017	2018	2019	2020	2021 ¹	2022
Total	7641357	7733905	9610000	9574186	10577278	11050843	...
Agriculture, forestry and fishing	210169	341622	407146	469383	540463	595909	...
Industry	3842517	2454483	3271669	3455860	4023577	4181129	...
Mining and quarrying	379055	422959	411806	429722	509923	602524	...
Manufacturing	1656971	1168230	1257573	1150463	1630237	1615730	...
Electricity, gas, steam and air conditioning supply	1736058	781271	1423237	1719131	1786632	1841355	...
Water supply, sewerage, waste management and remediation	70433	82023	179053	156544	96785	121520	...
Construction	62090	78704	91715	117057	131066	132939	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	135378	195377	215625	304498	362677	415716	...
Transport and storage, postal and courier activities	1418312	1280369	1729587	1187183	1159770	1200428	...
Accommodation and food service activities	27985	28786	30964	36209	39140	38205	...
Information and communication	76546	111757	127085	129537	152297	166164	...
Financial and insurance activities	51238	66275	68695	96103	99319	101251	...
Real estate activities	666855	928615	1064119	1113248	1118271	1171330	...
Professional, scientific and technical activities	31347	35319	35681	106765	113824	145489	...
Administrative and support service activities	407506	1376683	1487471	1535779	1685465	1668545	...
Public administration and defence; compulsory social security	581	264	307	452081	490308	472241	...
Education	3117	3785	4102	152681	173975	193487	...
Human health and social work activities	12912	17359	27717	149008	217714	292566	...
Arts, entertainment and recreation	23581	22306	22466	260239	263810	257053	...
Other services	2110	2652	3201	8555	5602	18391	...

¹ Information for 2021 has been compiled on the basis of the reports actually submitted by enterprises and additional estimates made for indicators

CAPITAL ASSETS

14.2. Cost of new fixed assets received during the year, by type of economic activity*(mln. UAH)*

	2015	2017	2018	2019	2020	2021 ¹	2022
Total	216697	237793	306147	437695	376384	361788	...
Agriculture, forestry and fishing	20821	44841	55791	52205	45402	54600	...
Industry	55930	83762	112773	199102	134215	113956	...
Mining and quarrying	12923	20882	31071	47465	34019	28043	...
Manufacturing	34118	43735	57221	71088	67579	54208	...
Electricity, gas, steam and air conditioning supply	7467	16816	21018	75909	29800	29389	...
Water supply, sewerage, waste management and remediation	1423	2329	3463	4640	2817	2316	...
Construction	2220	5853	8552	7588	12494	14092	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	14992	20297	30176	42411	46964	48084	...
Transport and storage, postal and courier activities	10183	26149	32280	29423	24267	19347	...
Accommodation and food service activities	631	703	1192	1720	1257	920	...
Information and communication	8280	10738	12873	14864	12205	11650	...
Financial and insurance activities	2972	6151	6828	8739	7961	6477	...
Real estate activities	87717	25572	27273	28753	29640	33145	...
Professional, scientific and technical activities	973	2512	2963	5356	4571	3809	...
Administrative and support service activities	4380	6651	8409	8850	7872	8132	...
Public administration and defence; compulsory social security	23	16	17	23562	24329	22026	...
Education	55	388	160	4315	3722	3716	...
Human health and social work activities	414	1440	2627	9395	17111	20236	...
Arts, entertainment and recreation	311	435	791	1070	4124	1021	...
Other services	42	120	201	342	250	577	...

¹ See the footnote to Table. 14.1

CAPITAL ASSETS

14.3. Degree of depreciation of capital assets, by type of economic activity

(percent)

	2015	2017	2018	2019	2020	2021 ¹	2022
Total	60,1	55,1	60,6	56,9	58,5	57,6	...
Agriculture, forestry and fishing	38,9	35,7	35,4	38,3	40,2	41,1	...
Industry	76,9	59,1	66,4	59,1	63,9	60,5	...
Mining and quarrying	57,9	47,2	43,1	36,5	47,3	38,6	...
Manufacturing	75,8	64,6	64,3	51,4	63,0	60,2	...
Electricity, gas, steam and air conditioning supply	82,6	57,0	73,7	68,9	69,9	68,0	...
Water supply, sewerage, waste management and remediation	62,0	60,7	77,4	70,3	52,7	60,2	...
Construction	53,0	45,7	44,5	51,4	49,5	45,5	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	44,7	40,4	42,1	40,4	39,6	39,9	...
Transport and storage, postal and courier activities	51,7	47,6	62,9	54,1	48,1	48,2	...
Accommodation and food service activities	35,6	40,4	41,7	37,5	37,5	37,8	...
Information and communication	57,9	61,1	59,9	53,4	56,6	55,7	...
Financial and insurance activities	41,9	41,5	44,8	34,8	37,4	40,0	...
Real estate activities	37,7	55,1	57,5	52,0	47,8	50,2	...
Professional, scientific and technical activities	57,3	54,0	50,3	45,4	54,1	65,6	...
Administrative and support service activities	55,1	81,6	83,0	85,7	86,4	87,1	...
Public administration and defence; compulsory social security	50,1	51,0	54,6	42,1	45,9	44,2	...
Education	45,6	42,4	41,1	45,1	47,3	53,9	...
Human health and social work activities	43,9	45,6	47,4	46,0	52,7	58,3	...
Arts, entertainment and recreation	32,2	36,8	40,1	4,6	5,2	5,1	...
Other services	44,6	43,0	45,9	27,3	47,6	20,4	...

¹ See the footnote to Table 14.1

15. INDUSTRY

Index of industrial products is produced in line with international standards according to the Technique approved by decree № 224 of the State Statistics Committee of Ukraine dated on August 2, 2005 with changes.

The base formula for compiling the Laspeyres volume index. The index compilation is based on data on production progress according to a fixed set of representative goods (more than thousands of items) and the structure of gross value added over the base year. Since 2010 in Ukraine (since 2013 by region) index is produced by type of activity in sections B, C, D (apart from group 35.3) and in line with the *Classification of Types of Economic Activity* (State Classifier 009:2010).

The index compilation in Ukraine prior to 2007 (by region before 2009) is based on the chain-linked method on the basis of the monthly indices calculated using the data

from enterprises on the value of output over the month at comparable prices.

Over the extended periods, industrial production indices are compiled using the chain-linked method, i.e. by multiplying the indices over the previous year for the needed period.

The production of industrial products by type is shown on the gross output, including the products to be further processed within one enterprises and the products produced for enterprise's own needs.

Information on products industrial production by type is given according to the Nomenclature of Industrial Products (NIP) which is harmonized with the Statistical Classification of Products by Type of Economic Activity of the European Union (EU), based on the List of Industrial Products for the EU (PRODCOM) and takes into account energy products.

15.1. Industrial production indices, by type of activity

(percent of the previous year)

	2010	2015	2017	2018	2019	2020	2021	2022
Industry	112,0	87,7	101,1	103,0	99,5	95,5	101,9	63,3
Mining and manufacturing	112,3	87,9	102,4	103,0	100,2	95,0	102,1	62,3
Mining and quarrying	104,5	89,8	96,5	103,4	98,4	97,0	101,4	70,0
Mining of coal and lignite	98,4	63,7	83,2	106,1	96,9	86,3	107,0	92,3
Extraction of crude petroleum and natural gas	92,5	96,9	101,8	102,5	100,3	98,1	97,8	91,8
Mining of metal ores	113,8	92,5	91,5	104,4	97,1	97,6	102,5	38,3
Other mining and quarrying	113,8	86,5	110,2	101,2	91,6	103,2	121,1	25,1
Manufacturing	116,2	86,9	105,2	102,9	100,9	94,1	102,4	59,0
Production of foodstuffs, beverages and tobacco products	103,7	89,1	106,3	98,7	103,3	99,2	94,6	78,4
Manufacture of food products	105,5	88,6	107,1	98,5	103,9	99,5	94,1	79,0
Manufacture of beverages	105,5	90,3	100,8	100,8	99,7	96,7	100,4	76,2
Manufacture of tobacco products	89,7	108,2	95,3	91,4	87,6	100,2	88,8	42,0
Textile industry, sewing of clothes, leather, leather articles and other materials	113,0	96,5	109,7	96,6	92,5	93,9	102,3	74,0

INDUSTRY

Table 15.1 continued

	2010	2015	2017	2018	2019	2020	2021	2022
Manufacture of textiles	120,5	99,7	116,2	99,6	92,2	98,3	113,8	69,1
Manufacture of wearing apparel	113,9	94,7	107,3	95,6	89,8	89,6	90,4	80,1
Manufacture of leather and related products	105,5	97,1	108,3	95,4	97,9	97,0	109,9	71,1
Manufacture of products of wood, manufacture of paper and printing	111,0	77,4	108,8	102,2	94,8	97,1	105,6	63,9
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	115,1	101,3	105,4	109,2	96,0	91,6	114,7	71,0
Manufacture of paper and paper products	113,7	70,5	108,4	97,8	92,9	101,7	103,3	62,5
Printing and reproduction of recorded media	97,0	80,0	117,7	108,3	99,6	90,6	98,4	54,9
Manufacture of coke and refined petroleum products	102,7	82,7	93,4	106,8	103,1	98,0	105,4	33,4
Manufacture of chemicals and chemical products	121,5	81,9	102,3	115,3	112,9	105,1	99,9	38,2
Manufacture of basic pharmaceutical products and pharmaceutical preparations	115,9	91,9	103,6	95,0	103,7	103,0	97,4	70,2
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	112,9	95,0	105,3	100,8	106,7	100,1	109,8	43,7
Manufacture of rubber and plastic products	111,5	92,1	106,2	104,3	102,7	98,4	103,8	58,9
Manufacture of other non-metallic mineral products	113,6	97,0	104,8	98,6	109,4	101,2	113,4	35,2
Manufacture of basic metals, manufacture of fabricated metal products, except machinery and equipment	115,2	86,4	97,4	100,8	98,6	91,3	105,8	37,6
Manufacture of basic metals	113,8	86,9	94,5	99,9	97,8	91,5	106,2	33,5
Manufacture of fabricated metal products, except machinery and equipment	120,8	83,6	118,5	105,5	103,3	90,2	104,1	59,0
Engineering	141,3	85,2	111,7	112,4	97,8	82,4	108,5	56,9
Manufacture of computer, electronic and optical products	106,1	71,0	119,6	122,8	91,6	75,2	110,0	58,9
Manufacture of electrical equipment	160,0	83,0	113,0	105,2	94,7	99,1	119,3	65,8
Manufacture of machinery and equipment n.e.c.	133,9	91,1	104,4	110,7	102,5	84,0	103,1	40,6
Manufacture of transport equipment, trailers and semi-trailers and other	152,6	84,4	116,6	115,3	96,8	74,6	106,9	66,9
Manufacture of motor vehicles, trailers and semi-trailers	125,7	94,4	111,6	101,8	74,3	85,6	123,2	72,7
Manufacture of other transport equipment	158,2	81,5	118,2	119,3	102,5	72,5	103,3	65,4
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	119,7	83,0	111,9	110,4	103,0	89,6	109,9	58,3
Manufacture of furniture	121,6	88,7	120,3	101,6	110,3	95,4	116,6	58,3
Other manufacturing	124,6	82,0	107,2	118,5	98,1	84,8	107,8	55,6
Electricity, gas, steam and air conditioning supply	109,7	87,0	94,0	103,0	95,6	99,1	100,8	69,4

INDUSTRY

15.2. Industrial production indices, by region

(percent of the previous year)

	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	103,1	112,0	87,7	101,1	103,0	99,5	95,5	101,9	63,3
Autonomous Republic of Crimea	113,8	110,5	...	...	...	...	...	...	...
oblasts									
Vinnitsya	113,1	106,5	104,0	108,2	99,2	114,7	94,5	100,8	...
Volyn	121,9	126,7	98,6	105,7	102,2	94,9	95,7	110,0	...
Dnipropetrovsk	107,4	116,1	92,1	100,1	103,0	101,0	87,8	107,2	...
Donetsk	92,1	114,7	65,4	89,1	102,6	100,6	96,6	102,8	...
Zhytomyr	113,1	108,2	110,0	109,5	97,5	94,3	97,6	107,1	...
Zakarpattia	107,7	142,9	79,7	100,3	105,1	86,1	92,7	106,5	...
Zaporizhzhya	103,7	107,8	95,3	106,2	103,6	95,5	92,9	106,4	...
Ivano-Frankivsk	104,8	100,2	89,1	112,0	110,3	95,6	93,4	106,0	...
Kyiv	117,6	108,0	93,0	110,3	102,0	99,7	98,5	97,5	...
Kirovohrad	110,5	113,3	82,9	105,5	102,2	103,6	102,2	81,7	...
Luhansk	101,6	107,1	34,0	69,0	83,0	96,0	93,4	90,6	...
Lviv	93,2	100,9	98,5	106,0	102,4	97,0	105,4	104,8	...
Mykolayiv	107,1	110,3	91,1	101,5	104,0	98,3	102,6	99,3	...
Odesa	99,5	102,9	96,1	112,2	92,4	107,4	100,7	107,0	...
Poltava	97,6	112,6	96,2	98,9	101,5	98,8	99,8	101,2	...
Rivne	113,2	129,6	100,3	109,3	95,6	106,9	97,3	107,2	...
Sumy	113,5	93,5	98,4	101,7	110,3	98,3	95,5	102,0	...
Ternopil	109,0	102,5	92,1	108,5	98,2	98,3	91,7	105,2	...
Kharkiv	112,5	105,8	88,2	106,1	102,9	96,7	95,8	93,5	...
Kherson	88,1	100,5	98,1	103,2	101,1	104,4	104,8	95,1	...
Khmelnyskiy	118,6	104,9	95,7	101,6	95,3	85,5	98,0	106,4	...
Cherkasy	113,6	117,1	90,8	99,1	102,3	101,3	96,8	98,3	...
Chernivtsi	109,6	111,9	98,3	106,7	105,8	100,3	85,9	97,3	...
Chernihiv	111,1	99,8	91,2	96,5	99,2	89,9	93,2	97,6	...
cities									
Kyiv	115,4	104,1	94,6	95,8	98,1	98,0	97,7	103,0	...
Sevastopol	116,8	114,4	...	...	...	...	...	...	...

INDUSTRY

15.3. Industrial production indices of foodstuffs, beverages and tobacco products enterprises, by type of activity

(percent of the previous year)

	2010	2015	2017	2018	2019	2020	2021	2022
Production of foodstuffs, beverages and tobacco products	103,7	89,1	106,3	98,7	103,3	99,2	94,6	78,4
Manufacture of food products	105,5	88,6	107,1	98,5	103,9	99,5	94,1	79,0
Processing and preserving of meat and production of meat products	107,7	100,2	104,3	99,9	102,0	100,0	103,9	89,0
Processing and preserving of fish, crustaceans and molluscs	99,1	78,5	109,2	114,1	104,0	97,4	112,1	60,3
Processing and preserving of fruit and vegetables	90,8	84,7	101,6	109,9	99,4	105,6	108,8	53,5
Manufacture of vegetable and animal oils and fats	105,4	85,9	117,5	97,9	113,7	104,8	80,4	75,3
Manufacture of dairy products	98,6	91,7	100,8	101,7	95,1	100,2	94,5	79,6
Manufacture of grain mill products, starches and starch products	96,9	101,1	98,9	89,2	104,1	93,6	100,6	75,7
Manufacture of grain mill products	93,5	94,7	95,1	91,2	104,2	87,0	90,8	87,2
Manufacture of bakery and farinaceous products	103,2	85,3	98,5	95,0	94,0	95,7	102,2	78,0
Manufacture of bread; manufacture of fresh pastry goods and cakes	100,4	87,4	95,4	93,2	91,1	95,3	102,8	80,4
Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes	107,7	80,7	105,1	99,2	99,3	96,5	101,9	73,8
Manufacture of other food products	116,9	77,6	102,2	98,3	93,4	87,1	109,4	78,1
Manufacture of sugar	143,6	69,1	100,9	89,6	82,8	67,0	131,9	–
Manufacture of cocoa, chocolate and sugar confectionery	104,7	83,2	106,5	107,7	111,3	98,8	100,7	73,5
Processing of tea and coffee	126,8	93,6	95,1	104,0	97,3	93,2	106,8	65,3
Manufacture of condiments and seasonings	105,4	84,2	103,3	100,0	101,6	104,4	95,5	70,0
Manufacture of other food products	120,4	74,7	102,3	104,9	64,1	92,6	89,7	79,8
Manufacture of beverages	105,5	90,3	100,8	100,8	99,7	96,7	100,4	76,2
Distilling, rectifying and blending of spirits	106,4	91,8	88,7	93,3	95,6	100,4	103,2	92,5
Manufacture of wine from grape	119,3	131,4	97,2	88,0	85,6	80,2	98,0	49,8
Manufacture of soft drinks; production of mineral waters and other bottled waters	104,2	92,8	114,9	111,2	107,7	99,1	108,5	79,9
Manufacture of tobacco products	89,7	108,2	95,3	91,4	87,6	100,2	88,8	42,0

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15.4. Industrial production indices of coke and refined petroleum products enterprises, by type of activity

(percent of the previous year)

	2010	2015	2017	2018	2019	2020	2021	2022
Manufacture of coke and refined petroleum products	102,7	82,7	93,4	106,8	103,1	98,0	105,4	33,4
Manufacture of coke oven products	106,8	83,7	81,4	104,5	92,9	95,1	97,8	41,8
Manufacture of refined petroleum products	97,2	...	...	...	...	...	...	...

15.5. Industrial production indices for chemicals and chemical products, by type of activity

(percent of the previous year)

	2010	2015	2017	2018	2019	2020	2021	2022
Manufacture of chemicals and chemical products	121,5	81,9	102,3	115,3	112,9	105,1	99,9	38,2
Manufacture of basic chemicals, fertilisers and nitrogen compounds, plastics and synthetic rubber in primary forms	129,1	82,0	98,6	123,7	124,6	106,4	94,2	27,1
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	105,3	88,8	103,4	102,9	115,8	115,8	92,0	55,1
Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	114,1	77,9	100,3	104,8	89,4	101,9	100,9	59,6

15.6. Industrial production indices of rubber and plastic products, manufacture of other non-metallic mineral products, by type of activity

(percent of the previous year)

	2010	2015	2017	2018	2019	2020	2021	2022
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	112,9	95,0	105,3	100,8	106,7	100,1	109,8	43,7
Manufacture of rubber and plastic products	111,5	92,1	106,2	104,3	102,7	98,4	103,8	58,9
Manufacture of rubber products	102,1	79,2	93,9	99,5	107,5	95,3	116,4	50,0
Manufacture of plastics products	113,8	93,5	107,6	104,8	102,2	98,7	102,6	59,9
Manufacture of other non-metallic mineral products	113,6	97,0	104,8	98,6	109,4	101,2	113,4	35,2
Manufacture of glass and glass products	114,1	88,9	107,3	99,2	115,4	97,0	107,8	44,3
Manufacture of refractory products	135,9	84,8	117,1	96,1	95,1	93,5	113,7	46,2
Manufacture of clay building materials	106,2	90,4	109,8	99,0	93,7	89,9	109,3	28,6
Manufacture of other porcelain and ceramic products	111,6	101,1	96,3	105,2	91,0	84,0	113,1	39,8
Manufacture of cement, lime and plaster	102,0	97,4	101,4	99,2	99,2	107,1	113,5	48,0
Manufacture of articles of concrete, cement and plaster	109,7	100,0	98,8	97,0	127,7	90,5	113,5	33,9
Manufacture of abrasive products and non-metallic mineral products	154,2	118,5	117,4	100,7	99,3	143,5	119,8	20,0

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15.7. Industrial production indices of engineering, by type of activity

(percent of the previous year)

	2010	2015	2017	2018	2019	2020	2021	2022
Engineering	141,3	85,2	111,7	112,4	97,8	82,4	108,5	56,9
Manufacture of computer, electronic and optical products	106,1	71,0	119,6	122,8	91,6	75,2	110,0	58,9
Manufacture of consumer electronics for sound and images acceptance, recording and playing	100,1	35,9	119,1	113,6	97,5	88,2	102,0	59,5
Manufacture of irradiation, electromedical and electrotherapeutic equipment	97,9	132,4	84,0	90,4	102,8	289,6	39,3	51,4
Manufacture of electrical equipment	160,0	83,0	113,0	105,2	94,7	99,1	119,3	65,8
Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	216,0	73,1	120,2	105,5	90,3	94,8	115,6	78,0
Manufacture of electric motors, generators and transformers	258,9	65,0	122,3	106,6	91,7	74,0	114,0	56,5
Manufacture of electricity distribution and control apparatus	149,7	95,6	115,6	102,8	87,2	146,7	117,7	104,2
Manufacture of batteries and accumulators	159,0	79,9	93,4	77,4	97,0	118,1	109,3	40,4
Manufacture of wiring and wiring devices	119,9	94,7	103,6	106,0	127,6	95,3	112,7	55,7
Manufacture of electric lighting equipment	130,2	89,3	69,4	91,0	86,3	108,1	114,0	50,6
Manufacture of domestic appliances	112,7	89,3	113,8	108,5	90,3	117,2	120,0	69,7
Manufacture of other electrical equipment	125,7	103,5	123,1	111,8	71,0	90,3	169,3	35,9
Manufacture of machinery and equipment n.e.c.	133,9	91,1	104,4	110,7	102,5	84,0	103,1	40,6
Manufacture of general-purpose machinery	123,0	93,3	94,1	107,3	94,3	81,0	103,2	40,5
Manufacture of other general-purpose machinery	155,8	94,9	112,2	108,2	103,2	92,5	114,1	49,1
Manufacture of agricultural and forestry machinery	215,4	105,3	101,2	85,4	90,2	86,8	128,2	40,9
Manufacture of metal forming machinery and machine tools	121,1	101,9	105,1	101,8	107,2	66,0	88,4	64,8
Manufacture of other special-purpose machinery	127,5	77,7	118,7	131,3	115,6	81,9	89,6	33,7
Manufacture of machinery for metallurgy	140,4	93,2	103,6	99,7	109,5	87,4	72,3	13,9
Manufacture of machinery for mining, quarrying and construction	95,6	59,0	129,7	102,8	104,1	85,4	115,6	44,0
Manufacture of machinery for food, beverage and tobacco processing	124,5	108,3	100,7	100,2	94,4	92,4	115,6	49,7
Manufacture of transport equipment, trailers and semi-trailers and other	152,6	84,4	116,6	115,3	96,8	74,6	106,9	66,9
Manufacture of motor vehicles, trailers and semi-trailers	125,7	94,4	111,6	101,8	74,3	85,6	123,2	72,7
Manufacture of motor vehicles	124,2	42,3	162,3	89,7	130,2	81,2	155,8	46,7
Manufacture of parts and accessories for motor vehicles	127,7	140,5	101,6	106,2	58,5	87,5	105,2	95,7
Manufacture of other transport equipment	158,2	81,5	118,2	119,3	102,5	72,5	103,3	65,4
Manufacture of railway locomotives and rolling stock	245,3	46,7	196,9	132,4	104,1	50,6	102,3	73,7

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15.8. Industrial products sold (goods, services), by type of economic activity

	2015		2020		2021		2022	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Industry¹	1776603,7	100,0	3236369,1	100,0	4678908,6	100,0	3854040,1	100,0
Mining and quarrying	191599,3	10,8	361685,4	11,2	597088,9	12,8	428168,5	11,1
Manufacturing	1139213,2	64,1	1879375,3	58,0	2618398,1	55,9	1850049,6	48,0
Production of foodstuffs, beverages and tobacco products	398023,2	22,4	678844,4	21,0	842596,4	18,0	720865,5	18,7
Textile industry, sewing of clothes, leather, leather articles and other materials	17384,4	1,0	33043,1	1,0	42456,7	0,9	43888,8	1,1
Manufacture of products of wood, manufacture of paper and printing	60146,2	3,4	101782,9	3,1	141718,4	3,0	126119,4	3,3
Manufacture of coke and refined petroleum products	59971,7	3,4	70856,4	2,2	121251,5	2,6	58195,5	1,5
Manufacture of chemicals and chemical products	68010,1	3,8	81139,9	2,5	122722,7	2,6	77133,0	2,0
Manufacture of basic pharmaceutical products and pharmaceutical preparations	20295,8	1,1	42408,0	1,3	50633,8	1,1	43053,3	1,1
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	85969,9	4,8	198261,3	6,1	270329,8	5,8	164173,2	4,3
Manufacture of basic metals, manufacture of fabricated metal products, except machinery and equipment	278502,8	15,7	397501,7	12,3	679491,0	14,5	337768,5	8,8
Engineering	115261,7	6,5	197343,6	6,1	243473,3	5,2	199890,9	5,2
Manufacture of computer, electronic and optical products	8772,9	0,5	15741,0	0,5	19149,6	0,4	19244,5	0,5
Manufacture of electrical equipment	24038,5	1,3	35850,0	1,1	47930,4	1,0	34126,0	0,9
Manufacture of machinery and equipment n.e.c.	41998,0	2,4	72490,3	2,2	91252,7	2,0	56154,9	1,5
Manufacture of transport equipment, trailers and semi-trailers and other	40452,3	2,3	73262,3	2,3	85140,6	1,8	90365,5	2,3
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	35647,4	2,0	78194,0	2,4	103724,5	2,2	78961,5	2,0
Electricity, gas, steam and air conditioning supply	424705,2	23,9	953589,4	29,5	1412574,8	30,2	1530357,3	39,7
Water supply, sewerage, waste management and remediation	21086,0	1,2	41719,0	1,3	50846,8	1,1	45464,7	1,2

¹ Data have been compiled by functional approach (a way to integrate data according to which performance indicators are compiled by homogeneous type of activity)

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15.9. Output of selected types of products by mining and quarrying industry

(mln.t)

	Coal of hard ¹	Non-agglomerated fuel peat (conventional moisture)	Crude oil (including gas condensate natural)	Natural gas, liquified or gaseous, bln.cub.m
2000	61,6	0,4	3,7	17,9
2005	60,0	0,6	4,4	20,8
2010	55,0	0,4	3,6	20,5
2015	30,2	0,5	2,5	19,9
2017	24,2	0,5	2,2	20,5
2018	26,3	0,5	2,3	20,8
2019	25,5	0,5	2,5	20,5
2020	24,2	0,3	2,4	20,2
2021	23,8	0,3	2,5	19,8
2022	...	...	...	...

¹ Includes enrichment product and ordinary coal shipped to customers without enrichment

15.10. Output of selected types of products by foodstuffs and beverages

	Grated, powdered, blue-veined and other non-processed cheese excluding fresh cheese, whey cheese and curd), thsd.t	Wheat or meslin flour, thsd.t	Refined white cane or beet sugar in solid form, thsd.t	Sparkling wine of fresh grapes (excluding champagne; alcohol duty), thsd.dal	Beer made from malt (excluding non- alcoholic beer, beer containing ≤ 0,5% by volume of alcohol, alcohol duty) ¹ , mln.dal	Waters, with added sugar, other sweetening matter or flavoured, i.e. soft drinks (including mineral and aerated), mln.dal
2000	50,0	2710,0	1780,1	3418,0	107,6	...
2005	223,6	2679,6	2139,1	4866,5	235,3	162,3
2010	185,8	2422,5	1805,0	6025,2	306,6	134,4
2015	96,6	2056,4	1459,3	4753,6	194,8	100,4
2017	94,3	1991,0	2042,7	3733,4	179,5	131,7
2018	97,0	1746,0	1753,6	3399,1	181,9	144,1
2019	86,1	1737,6	1490,0	2690,9	181,6	154,0
2020	85,2	1549,8	1022,0	2266,2	180,8	153,9
2021	77,8	1456,7	1449,7	2249,3	172,8	187,1
2022	...	...	...	...	...	...

¹ For 2000, including non-alcoholic beer and beer with an alcoholic content of no more than 0,5%

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15.11. Output of selected types of engineering

(thsd.pcs)

	Tractors of an engine power > 59 kW, excluding pedestrian-controlled tractors, road tractors for semi-trailers, track-laying tractors	Seeders, planters and transplanters	Washing machines and machines for drying clothes everyday ¹	Motor vehicles for the transport of 10 or more persons	Bicycles and other cycles (including delivery tricycles), nonmotorised
2000	...	...	125,5	3,6	19,4
2005	3,6	11,5	321,9	4,7	311,9
2010	3,9	4,1	166,9	2,8	110,7
2015	2,8	4,2	270,3	1,0	112,0
2017	3,3	5,3	326,3	0,9	94,8
2018	2,4	3,8	340,9	1,0	141,7
2019	1,4	3,2	300,2	1,1	127,5
2020	0,9	3,3	c	1,0	c
2021	1,2	5,9	c	0,9	c
2022	...	...	...	...	...

¹ 2000 – washing machines

15.12. Output of industrial products, by type

	2015	2017	2018	2019	2020	2021	2022
Mining and quarrying							
Coal of hard, mln.t	30,2	24,2	26,3	25,5	24,2	23,8	...
Crude oil, including oil obtained from bituminous minerals, mln.t	1,8	1,5	1,6	1,7	1,7	1,7	...
Gas condensate natural, supplied from natural gas field, mln.t	0,7	0,7	0,7	0,7	0,8	0,7	...
Natural gas, liquified or gaseous, bln.cub.m	19,9	20,5	20,8	20,5	20,2	19,8	...
Agglomerated iron concentrates, mln.t	55,2	50,8	53,1	51,7	50,9	53,5	...
Plaster and anhydrite, mln.t	1,3	1,5	1,4	1,4	1,5	1,8	...
Limestone flux, limestone and other calcareous stone used for the manufacture of lime or cement (excluding crushed limestone aggregate and calcareous dimension stone), mln.t	7,6	6,6	6,1	6,9	7,0	7,6	...
Chalk, mln.t	0,1	0,1	0,2	0,3	0,4	0,4	...
Silica sands (quartz sands or industrial sands), mln.t	2,2	2,2	1,9	2,6	2,0	2,7	...
Construction sands such as clayey sands; kaolinic sands; feldspathic sands (excluding silica sands, metal bearing sands), mln.t	10,0	14,3	13,7	14,1	15,5	19,2	...
Granules, chippings and powder of travertine, ecaussine, granite, porphyry, basalt, sandstone and other monumental stone, mln.t	12,7	14,6	14,2	12,7	16,0	16,4	...
Kaolin, not calcined, mln.t	1,8	2,4	2,1	1,8	1,7	2,3	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Kaolinitic clays (ball and plastic clays), mln.t	0,8	0,1	0,1	0,4	c	c	...
Non-agglomerated fuel peat (conventional moisture), mln.t	0,5	0,5	0,5	0,5	0,3	0,3	...
Salt (including denatured salt) and pure sodium chloride, whether or not in aqueous solution or containing added anti-caking or free-flowing agents, mln.t	2,1	1,8	2,2	2,1	c	c	...
Production of foodstuffs, beverages and tobacco products							
Fresh or chilled carcasses, half-carcasses and quarters with bone in, of beef and veal, thsd.t	50,0	58,5	56,3	55,8	41,5	36,2	...
Fresh or chilled carcasses and half-carcasses, of pig meat (including fresh meat packed with salt as a temporary preservative), thsd.t	235,4	228,2	222,7	226,2	225,2	240,2	...
Frozen carcasses, half-carcasses, quarters and cuts, of beef and veal, thsd.t	20,7	18,4	20,2	16,6	11,7	18,8	...
Frozen carcasses and half-carcasses, of pig meat, thsd.t	12,4	6,6	6,7	11,8	14,0	11,5	...
Fresh or chilled whole chickens, thsd.t	325,9	319,8	266,9	249,0	226,7	210,6	...
Fresh or chilled cuts of chicken, thsd.t	361,9	455,8	412,4	391,0	348,9	374,0	...
Frozen whole chickens, thsd.t	145,0	76,8	103,8	128,4	153,5	173,7	...
Liver sausages and similar products and food preparations based thereon (excluding prepared meals and dishes), thsd.t	7,2	6,0	5,6	5,1	5,2	5,4	...
Suasage products and similar products made from meat, meat offal, blood or edible insects and similar products and food products based on them (excluding liver sausages and prepared meals and dishes), thsd.t	228,8	247,1	247,8	236,6	236,4	253,8	...
Tomato juice, mln.l	44,1	44,2	47,3	45,4	41,8	37,3	...
Apple juice, mln.l	86,1	74,0	105,9	100,6	63,4	97,6	...
Mixtures of fruit and vegetable juices, mln.l	188,6	186,8	184,3	188,6	171,5	198,4	...
Suasage products and similar products made from meat, meat offal, blood or edible insects and similar products and food products based on them	67,2	69,9	75,8	70,8	65,9	76,3	...
Peas, preserved otherwise than by vinegar or acetic acid, except prepared vegetable dishes, thsd.t	15,9	11,8	11,9	12,5	13,4	14,8	...
Concentrated tomato puree and paste, thsd.t	94,2	112,5	112,4	108,2	125,9	129,5	...
Prepared or preserved sweetcorn (excluding prepared vegetable dishes and sweetcorn dried, frozen or preserved by vinegar or acetic acid), thsd.t	14,0	14,2	16,6	14,6	11,8	16,8	...
Vegetables (excluding potatoes), fruit, nuts and other edible parts of plants, prepared or preserved by vinegar or acetic acid, thsd.t	25,3	29,3	29,7	31,2	30,1	33,7	...
Jams, marmalades, fruit jellies, fruit or nut purees and pastes, being cooked preparations (excluding of citrus fruit, homogenised preparations), thsd.t	46,1	44,4	63,2	57,1	51,9	56,3	...
Sunflower and safflower oils and its fractions (excluding chemically modified), mln.t	3,7	5,4	5,1	5,8	6,1	4,9	...
Margarine and reduced and low fat spreads (excluding liquid margarine), thsd.t	142,0	140,9	136,6	140,4	120,9	98,0	...
Other edible preparations of fats and oils, including liquid margarine, thsd.t	50,0	88,3	85,2	106,1	111,3	79,4	...
Milk and cream of a fat content by weight of ≤ 1%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content > 2 l, thsd.t	461,1	464,3	442,7	435,0	433,7	335,2	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Milk and cream of a fat content by weight of > 1% but ≤ 6%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content ≤ 2 l, thsd.t	472,3	478,2	496,7	474,4	493,4	466,1	...
Milk and cream of a fat content by weight of > 21%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of > 2 l, thsd.t	51,3	47,9	48,6	51,3	47,0	46,2	...
Skimmed milk powder (milk and cream in solid forms, of a fat content by weight of ≤ 1,5%), in immediate packings of > 2,5 kg, thsd.t	51,2	47,6	38,1	34,5	35,3	29,7	...
Butter of a fat content by weight ≤ 85%, thsd.t	101,0	108,4	105,0	91,6	87,5	75,2	...
Unripened or uncured cheese (fresh cheese) (including whey cheese and curd), thsd.t	67,8	68,2	72,6	64,1	81,4	85,0	...
Cheese, grated, powdered (or with blue veins) and other processed	96,6	94,3	97,0	86,1	85,2	77,8	...
Processed cheese (excluding grated or powdered), thsd.t	27,0	27,1	28,6	29,5	30,6	28,4	...
Condensed or evaporated milk, sweetened, thsd.t	51,6	42,8	34,9	35,7	37,8	36,3	...
Curdled milk, cream, yogurt and other products fermented other, thsd.t	297,2	272,2	274,5	279,9	306,5	299,8	...
Flavoured liquid yoghurt or acidified milk (curdled milk; cream; yoghurt and other products fermented other, flavored or with adding fruit, nuts or cocoa, chocolate, spices, coffee, plants, plant parts, cereals or bakery products, thsd.t	105,8	116,3	125,9	135,8	138,8	140,5	...
Ice cream and other edible ice (including sherbet, lollipops) (excluding mixes and bases for ice cream), mln.l	135,8	151,8	156,3	157,4	141,6	142,6	...
Wheat or wheat-rye flour, mln.t	2,1	2,0	1,7	1,7	1,5	1,5	...
Fresh bread with no more dry content less than 5% sugars and no more than 5% fat (excluding added honey; eggs; cheese or fruit), mln.t	1,2	1,1	1,0	0,9	0,8	0,8	...
Sweet biscuits (including sandwich biscuits; excluding those completely or partially coated or covered with chocolate or other preparations containing cocoa), thsd.t	167,0	176,9	170,7	158,9	155,8	149,0	...
Waffles and wafers (including salted) (excluding those completely or partially coated or covered with chocolate or other preparations containing cocoa), thsd.t	47,9	51,0	51,2	52,6	56,0	51,5	...
Uncooked pasta (excluding containing eggs, stuffed or otherwise prepared), thsd.t	86,8	88,2	79,3	73,8	72,9	62,2	...
Refined white cane or beet sugar in solid form, mln.t	1,5	2,0	1,8	1,5	1,0	1,4	...
Chocolate blocks, slabs or bars (excluding filled, with added cereal; fruit or nuts, chocolate biscuits), thsd.t	16,5	18,6	22,2	24,7	24,0	22,5	...
Chocolates (excluding those containing alcohol, in blocks, slabs or bars), thsd.t	59,5	53,3	53,4	66,6	70,7	76,3	...
Sugar confectionary and their substitutes, made from sugar substitutes, with cocoa content (including chocolate nougat) apart from white chocolate, thsd.t	77,2	70,4	64,4	47,0	28,4	26,6	...
Gums, fruit jellies and fruit pastes in the form of sugar confectionery (excluding chewing gum), thsd.t	39,0	41,0	44,2	47,7	46,5	50,2	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Boiled sweets, thsd.t	27,3	23,0	21,6	29,3	c	c	...
Toffees, caramels and similar sweets, thsd.t	83,7	78,2	75,1	77,6	c	c	...
Brands (including cognac of Ukraine), mln.l alc. 100%	11,9	9,7	9,0	9,3	7,6	c	...
Vodka of an alcoholic strength by volume of ≤ 45,4%, mln.l alc. 100%	74,0	54,4	50,9	47,7	50,7	51,3	...
Spirits, liqueurs and other spirituous beverages (excluding spirits distilled from grape wine, grape marc or fruit/whisky, rum, tafia, gin and geneva, vodka of an alcoholic strength by volume of ≤ 45,4%, spirits distilled from fruit) (important: excluding alcohol duty), mln.l alc. 100%	9,5	7,5	7,9	8,7	9,8	11,2	...
Sparkling wine from fresh grapes (except "Champagne" wine; including "Champagne of Ukraine"), mln.dal	4,8	3,7	3,4	2,7	2,3	2,2	...
Wine and grape must with fermentation prevented or arrested by the addition of alcohol, of an alcoholic strength ≤ 15% (excluding sparkling wine and wine (PDO)), mln.dal	7,8	7,2	7,3	7,4	6,3	6,4	...
Beer made from malt (excluding nonalcoholic beer, beer containing ≤ 0,5% by volume of alcohol, alcohol duty), mln.dal	194,8	179,5	181,9	181,6	180,8	172,8	...
Natural mineral spring waters, mln.dal	36,0	45,4	54,9	63,4	59,3	66,5	...
Fizzy natural mineral waters, mln.dal	72,8	73,9	85,5	89,7	85,5	90,3	...
Waters, with added sugar, other sweetening matter or flavoured, i.e. soft drinks (including mineral and aerated), mln.dal	100,4	131,7	144,1	154,0	153,9	187,1	...
Cigarettes containing tobacco or mixtures of tobacco and tobacco substitutes (excluding tobacco duty), bln.pcs	92,9	92,2	84,1	68,5	65,1	58,9	...
Manufacture of textiles, apparel, leather and related products							
Woven fabrics of cotton, not of yarns of different colours, weighing > 200 g/m2, for clothing, mln.sq.m	4,5	3,8	4,4	4,0	c	c	...
Woven fabrics of man-made filament yarns obtained from high tenacity yarn, strip or the like (including nylon, other polyamides, polyester, viscose rayon), mln.sq.m	45,4	67,2	62,7	67,7	75,0	73,1	...
Woven fabrics of synthetic filament yarns (excluding those obtained from high tenacity yarn or strip and the like), mln.sq.m	c	12,3	12,3	12,3	c	7,7	...
Pile fabrics, terry fabrics, knitted or crocheted, thsd.t	2,2	2,6	1,2	1,0	0,5	c	...
Knitted or crocheted fabrics (excluding pile fabrics), thsd.t	5,3	6,8	8,2	7,5	7,9	8,8	...
Bed linen of knitted or crocheted textiles, thsd.t	5,8	7,7	7,6	6,8	c	c	...
Woven carpets and other woven textile coverings (excluding tufted or flocked), mln.sq.m	2,4	4,2	5,1	5,7	c	c	...
Non-wovens of a weight of > 70 g/m2 but ≤ 150 g/m2 (including articles made from non-wovens) (excluding articles of apparel, coated or covered), thsd.t	4,0	6,2	5,9	6,5	5,5	6,4	...
Non-wovens of a weight of > 150 g/m2 (including articles made from non-wovens) (excluding articles of apparel, coated or covered), thsd.t	11,6	13,8	12,4	14,1	13,0	15,6	...
Women's or girls' jackets and blazers, of knitted or crocheted textiles, thsd.pcs	380,9	373,7	410,7	356,3	487,8	585,8	...
Women's or girls' dresses, of knitted or crocheted textiles, mln.pcs	1,3	1,4	1,4	1,2	1,2	1,3	...
Coats, half coats, capes, cloaks, anoraks, windproof jackets, warm jackets including ski jackets and similar products, apart from knitted, for men and boys (apart from suits, ensembles, jackets, blazers, trousers, overalls with bibs and suspenders, breeches and shorts)	568,3	865,4	845,1	807,7	559,6	473,3	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Men's or boys' suits and ensembles of textile fabrics, not knitted or crocheted, thsd.pcs	865,3	811,2	712,2	735,3	487,1	479,9	...
Men's or boys' jackets and blazers, of textile fabrics, not knitted or crocheted, thsd.pcs	1094,0	1107,1	1004,4	837,1	551,5	560,8	...
Coats, half coats, capes, cloaks, anoraks, windproof jackets, warm jackets including ski jackets and similar products, apart from knitted, for women and girls (apart from suits, ensembles, jackets, blazers, dresses, skirts, split skirts, trousers, overalls with bibs and suspenders, breeches and shorts)	1,5	1,4	1,4	1,1	1,0	0,6	...
Women's or girls' jackets and blazers of textile fabrics, not knitted or crocheted, mln.pcs	1,2	1,7	1,5	1,8	1,3	1,7	...
Women's or girls' dresses, not knitted or crocheted, mln.pcs	1011,4	739,3	775,3	604,8	320,0	309,2	...
Women's or girls' skirts and divided skirts, not knitted or crocheted, thsd.pcs	3,9	4,3	4,1	4,6	2,8	4,3	...
Women's or girls' briefs and panties, of knitted or crocheted textiles (including boxer shorts), mln.pcs	1,3	1,5	1,3	1,2	0,7	1,2	...
Men's or boys' shirts, not knitted or crocheted, mln.pcs	1,2	1,7	1,7	1,4	1,1	0,9	...
Women's or girls' blouses, shirts and shirt-blouses, of textile fabric not knitted or crocheted, mln.pcs	4,1	4,2	4,3	3,4	2,2	2,5	...
Brassieres, mln.pcs	5,0	6,1	6,5	5,0	5,3	5,5	...
T-shirts, singlets and vests, knitted or crocheted, mln.pcs	637,3	647,8	819,8	801,3	562,1	576,7	...
Women's or girls' swimwear, of knitted or crocheted textiles, thsd.pcs	31,9	27,7	26,8	21,3	c	c	...
Panty hose and tights, of knitted or crocheted synthetic fibres, measuring per single yarn < 67 decitex, mln.pcs	48,2	52,0	57,4	54,7	53,0	68,3	...
Knitted or crocheted hosiery and footwear (including socks), mln. pairs	197,2	190,1	177,3	173,6	77,1	138,6	...
Men's or boys' jerseys, pullovers, sweatshirts, waistcoats and cardigans, of wool or fine animal hair (excluding jerseys and pullovers containing ≥ 50% of wool and weighing ≥ 600 g), thsd.pcs	172,5	168,1	116,6	99,4	82,5	c	...
Lightweight fine knit roll, polo or turtle neck jumpers and pullovers, of cotton, thsd.pcs	0,8	242,3	189,3	203,1	c	c	...
Women's or girls' jerseys, pullovers, sweatshirts, waistcoats and cardigans, of cotton (excluding lightweight fine knit roll, polo or turtle neck jumpers and pullovers), thsd.pcs	1,9	1,8	2,0	1,6	1,6	2,0	...
Traveling bags, suitcases road handbags-bag for cosmetics and toiletries, briefcases for documents, school bags and things like that are made of leather or of composition leather, patent leather, sheeting of plastics, of textile materials, aluminum and other materials, mln.pcs	218,6	207,5	618,5	1099,4	574,9	1256,4	...
Ladies leather bags leather or of composition leather lacquer, plastic sheets, textile or other materials (including bags without handles), thsd.pcs	1,2	1,8	1,7	1,3	1,3	1,3	...
Waterproof footwear, with uppers in rubber or plastics (excluding incorporating a protective metal toecap), mln. pairs	5,1	5,7	5,8	5,5	4,7	4,4	...
Town footwear with rubber or plastic uppers, mln. pairs	1,0	0,8	0,7	0,6	0,4	0,5	...
Men's town footwear with leather uppers (including boots and shoes; excluding waterproof footwear, footwear with a protective metal toe-cap), mln. pairs	1,2	0,9	1,2	0,8	0,5	0,6	...
Women's town footwear with leather uppers (including boots and shoes; excluding waterproof footwear, footwear with a protective metal toe-cap), mln. pairs	865,3	811,2	712,2	735,3	487,1	479,9	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Slippers and other indoor footwear (including dancing and bedroom slippers, mules) with uppers of textile materials, mln. pairs	7,8	7,7	6,4	10,7	7,0	6,3	...
Footwear with textile uppers (excluding slippers and other indoor footwear as well as footwear with outer soles of rubber, plastics, leather or composition leather), mln. pairs	3,2	3,7	3,6	3,3	c	c	...
Wooden footwear, miscellaneous special footwear and other footwear n.e.c., mln. pairs	1,6	1,7	1,5	1,4	c	c	...
Manufacture of wood and of products of wood and cork, except furniture							
Wood from spruce (Picea spp.) and fir tree (Abies spp.), sawn or split lengthwise, divided into layers or flaked, more than 6 mm thick	274,0	273,9	341,6	315,6	296,3	297,1	...
Wood from pine (Pinus spp.) sawn or split lengthwise, divided into layers or flaked, more than 6 mm thick, thsd.cub.m	775,7	1412,0	1995,9	1979,2	2025,7	2169,5	...
Coniferous wood, sawn or split lengthwise, divided into layers or flaked, more than 6 mm thick (apart from wood from spruce (Picea spp.), fir tree (Abies spp.), pine (Pinus spp.), spruce-pine-fir tree (S-P-F) and hemlock-fir tree), thsd.cub.m	397,6	409,2	367,2	303,9	269,4	222,0	...
Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm (excluding coniferous and tropical woods and oak blocks, strips and friezes), thsd.cub.m	395,7	479,9	477,9	437,2	373,6	418,7	...
Coniferous wood continuously shaped (including strips and friezes for parquet flooring, not assembled), thsd.t	14,1	18,8	30,6	34,0	39,2	32,5	...
Wood, incl. strips and friezes for parquet flooring, not assembled, continuously shaped "tongued, grooved, rebated, chamfered, V-jointed beaded, moulded, rounded or the like" along any of its edges, ends or faces, whether or not planed, sanded or end-jointed (excl. coniferous wood and bamboo), thsd.t	69,1	64,3	100,8	107,0	99,8	112,8	...
Particle boards and similar boards of wood, unworked or sanded, mln.cub.m	2,2	2,5	2,6	2,3	2,2	2,9	...
Other plywood, veneered panels and similar laminated wood, of other wood, thsd.cub.m	185,8	180,1	190,0	176,8	180,6	193,2	...
Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness ≤ 6 mm of coniferous wood, thsd.cub.m	10,6	3,8	2,2	0,4	c	c	...
Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness ≤ 6 mm of other wood than coniferous or tropical wood, thsd.cub.m	156,6	204,8	212,9	216,3	207,6	242,0	...
Assembled parquet panels of wood for mosaic floors, thsd.sq.m	447,5	418,6	362,6	309,8	340,9	259,2	...
Windows, french windows and their frames, of wood, mln.pcs	1,0	1,1	1,0	1,1	c	c	...
Doors and their frames and thresholds, of wood, mln.pcs	1,1	1,0	1,0	1,2	1,2	1,0	...
Manufacture of paper and paper products, printing							
Graphic paper, paperboard: mechanical fibres ≤ 10%, weight ≥ 40 g/m2 but ≤ 150 g/m2, in rolls, thsd.t	3,5	1,3	1,4	c	c	c	...
Paper stock for household: others, thsd.t	118,5	120,2	126,7	130,9	c	c	...
Other uncoated paper and paperboard, in rolls or sheets, weight ≤ 150 g/m2 (excluding products of HS 4802, fluting paper, testliner, sulphite wrapping paper, filter or felt paper and paperboard), thsd.t	298,4	321,2	325,5	291,9	292,3	342,9	...
Other uncoated paper and paperboard, in rolls or sheets, weight > 150 g/m2 and < 225 g/m2 (excluding products of HS 4802, fluting paper, testliner, sulphite wrapping paper, filter or felt paper and paperboard), thsd.t	93,7	113,8	119,6	93,1	c	c	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Corrugated paper and paperboard in rolls or sheets, thsd.t	148,9	159,5	149,0	151,8	141,5	140,0	...
Cartons, boxes and cases, of corrugated paper or paperboard, thsd.t	395,2	452,4	476,2	495,8	502,9	546,0	...
Folding cartons, boxes and cases, of non-corrugated paper or paperboard, thsd.t	78,5	123,6	129,0	101,1	83,1	95,2	...
Toilet paper (in rolls of a width of ≤ 36 cm or cut to size or shape), thsd.t	102,3	105,7	104,5	110,5	115,5	115,0	...
Exercise-books, of paper or paperboard, thsd.t	10,1	10,3	8,3	7,9	6,1	8,2	...
Wallpaper and similar wall coverings; window transparencies of paper, thsd.t	56,9	64,9	53,5	40,6	40,3	36,4	...
Printed newspapers, journals and periodicals, appearing at least four times a week, thsd.t	6,5	4,4	4,7	3,3	c	c	...
Printed newspapers, journals and periodicals, appearing less than four times a week, thsd.t	55,1	104,8	113,4	92,9	76,0	119,5	...
Printed books, brochures, leaflets and similar printed matter, in single sheets, thsd.t	5,0	5,9	6,8	9,6	7,9	7,9	...
Production of coke, refined petroleum products							
Coke-oven coke of coking coal; gas coke, mln.t	11,6	10,1	10,8	10,1	9,5	9,3	...
Pitches coal, lignite or peat; other mineral resin, thsd.t	498,2	446,9	475,6	449,2	449,3	440,9	...
Briquettes, ovoids and similar solid fuels manufactured, from peat, thsd.t	247,9	281,3	288,2	259,7	162,1	215,7	...
Primary oil processing (including gas condensate), mln.t	c	c	c	c	c	c	...
Petrol for motor vehicles with ≤ 0,013 g/L of lead content, mln.t	c	c	c	c	c	c	...
Diesel fuel for motor vehicles and rail, mln.t	c	c	c	c	c	c	...
Heavy fuel oil, mln.t	0,1	0,1	0,4	0,1	0,1	0,1	...
Petroleum oils and oils; petroleum distillates, heavy, thsd.t	73,5	111,7	147,1	150,0	108,4	97,6	...
Liquefied propane and butane, thsd.t	340,5	311,5	396,8	309,9	305,5	307,7	...
Bitumen (including shale), thsd.t	24,2	36,5	169,7	23,1	51,8	79,7	...
Chemical and petrochemical industry							
Other synthetic organic colouring matters, thsd.t	5,1	8,2	9,3	9,8	c	c	...
Hydrogen chloride (hydrochloric acid), thsd.t HCl	22,6	18,3	20,0	18,2	c	c	...
Sulphuric acid; oleum, mln.t H2SO4	0,5	0,5	0,7	0,7	0,7	0,8	...
Benzene, neat content percentage by mass ≥ 95%, thsd.t	42,1	75,5	108,6	92,9	114,4	c	...
Undenatured ethyl alcohol of an alcoholic strength by volume ≥ 80% (important: excluding alcohol duty), mln.dal	10,9	9,6	8,1	6,9	9,4	10,1	...
Anhydrous ammonia, mln.t N	2,2	1,0	0,8	1,5	2,3	2,1	...
Urea containing > 45% by weight of nitrogen on the dry anhydrous product (excluding in tablets or similar forms or in packages of a weight of ≤ 10 kg), mln.t N	1,0	0,6	0,4	0,8	1,2	0,9	...
Ammonium nitrate (excluding in tablets or similar forms or in packages of a weight of ≤ 10 kg), mln.t N	0,4	0,4	0,4	0,5	0,5	0,5	...
Plasticised polyvinyl chloride mixed with any other substance, in primary forms, thsd.t	40,5	60,6	61,1	58,4	56,6	60,2	...
Urea resins and thiourea resins, in primary forms, thsd.t	129,4	100,8	96,7	84,4	66,8	72,8	...
Polyurethanes, in primary forms, thsd.t	17,3	19,5	21,4	17,6	13,3	11,5	...
Paints and varnishes, based on acrylic or vinyl polymers dispersed or dissolved in an aqueous medium (including enamels and lacquers), thsd.t	60,7	76,0	75,9	78,1	79,7	80,6	...
Other paints, varnishes dispersed or dissolved in an aqueous medium, thsd.t	18,5	19,3	18,4	27,3	20,4	21,8	...
Paints and varnishes, based on polyesters dispersed/dissolved in a non- aqueous medium including enamels and lacquers excluding weight of the solvent > 50% of the weight of the solution, thsd.t	43,4	55,5	49,3	48,3	43,7	40,5	...
Soap and organic surface-active products in bars, etc, n.e.c., thsd.t	10,7	12,8	11,9	9,6	10,2	7,9	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021 ¹	2022
Washing preparations and cleaning preparations, with or without soap, p.r.s. including auxiliary washing preparations excluding those for use as soap, surfaceactive preparations, thsd.t	190,3	193,8	200,5	185,5	212,8	214,2	...
Polishes, creams and similar preparations, for the aintenance of wooden furniture, floors or other woodwork (excluding artificial and prepared waxes), thsd.t	0,5	0,4	0,4	0,4	c	c	...
Polishes and similar preparations, for coachwork (excluding artificial and prepared waxes, metal polishes), thsd.t	0,4	1,7	1,8	1,8	c	c	...
Perfumes, thsd.dal	43,7	5,9	5,5	5,0	c	c	...
Toilet waters, thsd.dal	49,5	27,6	38,1	35,7	36,2	30,7	...
Manicure or pedicure preparations, thsd.t	1,3	1,3	1,1	0,9	0,7	0,6	...
Beauty, make-up and skin care preparations including suntan (excluding medicaments, lip and eye make-up, manicure and pedicure preparations, powders for cosmetic use and talcum powder), thsd.t	5,2	6,4	7,4	8,2	7,0	6,4	...
Shampoos, mln.dal	1,5	1,2	1,1	1,2	1,1	1,1	...
Preparations for permanent waving or straightening of hair, t	59,0	50,0	84,0	124,9	150,6	154,8	...
Hair preparations (excluding shampoos, permanent waving and hair straightening preparations, lacquers), thsd.t	6,0	5,8	5,3	5,3	5,2	6,1	...
Soap and organic surface-active products in bars, etc, for toilet use, thsd.t	26,9	24,6	21,2	13,2	13,4	14,8	...
Organic surface-active products and preparations for washing the skin; whether or not containing soap, p.r.s., thsd.t	10,5	13,2	14,8	13,8	15,0	18,1	...
Other personal preparations (perfumeries, toilet, depilatories), thsd.t	14,0	14,5	24,1	31,5	c	c	...
Polypropylene filament yarn, n.p.r.s. (excluding sewing thread), thsd.t	3,5	4,0	4,5	4,6	4,4	4,9	...
Polypropylene monofilament of ≥ 67 decitex and with a cross-sectional dimension of ≤ 1 mm (excluding elastomers), thsd.t	7,8	9,9	8,5	8,4	8,0	8,0	...
Manufacture of basic pharmaceutical products and pharmaceutical preparations							
Medicaments of other antibiotics, p.r.s., t	1217,6	1156,8	1230,7	1107,6	1680,1	1418,2	...
Medicaments containing corticosteroid hormones, their derivatives and structural analogues, put up in measured doses or for retail sale, t	84,2	115,9	127,8	112,0	114,0	121,0	...
Medicines other, that contain mixed or non-mixed products., thsd.t	41,3	46,9	43,5	45,8	45,5	46,9	...
Preparations for X-ray contrast examinations, diagnostic reagents for administration to patients, t	52,9	58,9	78,2	94,3	c	c	...
Manufacture of rubber and plastics products							
Agrarian tyres; other new pneumatic tyres, of rubber, thsd.pcs	133,9	200,2	c	145,7	143,0	248,4	...
Rubber compounded with carbon black or silica, unvulcanised, thsd.t	2,3	3,5	5,0	5,4	6,7	8,0	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Other compounded rubber, unvulcanised, in primary forms or in plates, sheets or strip, thsd.t	2,1	2,4	2,9	3,7	2,4	3,1	...
Rubber hose reinforced with textiles, thsd.t	1,1	1,8	4,3	4,5	2,6	3,5	...
Rubber hose assemblies, thsd.t	0,3	0,6	0,6	0,5	0,6	0,7	...
Other plates, sheets, film, foil and strip, of polymers of ethylene, not reinforced, thickness ≤ 0,125 mm, thsd.t	73,8	81,1	82,4	85,7	82,7	92,0	...
Other plates, sheets, film, foil and strip, of polymers of ethylene, not reinforced, etc, thickness > 0,125 mm, thsd.t	19,3	18,0	18,9	27,9	25,9	26,4	...
Other plates, sheets, film, foil and strip, of biaxially orientated polymers of propylene, thickness ≤ 0,10 mm, thsd.t	20,6	18,0	12,5	10,4	8,3	9,4	...
Other plates, sheets, film, foil and strip, of polymers of styrene, not reinforced, etc, thsd.t	22,5	23,5	24,9	23,1	27,1	26,8	...
Plates, sheets, film, foil and strip, of non-cellular plastics, n.e.c., not reinforced, laminated, supported or similarly combined with other materials (excluding self-adhesive products, floor, wall and ceiling coverings of HS 3918 and sterile surgical or dental adhesion barriers of CN 3006 10 30), thsd.t	25,1	32,1	33,1	31,7	c	c	...
Sacks and bags (including cones), of polymers of ethylene (excluding of synthetic fibres), thsd.t	47,5	54,9	61,5	74,6	73,5	78,2	...
Plastic doors, windows and their frames and thresholds for doors, mln.pcs	2,3	3,3	3,2	3,1	3,2	3,2	...
Tableware and kitchenware of plastic, thsd.t	7,3	8,0	8,4	8,8	9,4	9,5	...
Household articles and toilet articles, of plastics (excluding tableware, kitchenware, baths, shower-baths, washbasins, bidets, lavatory pans, seats and covers, flushing cisterns and similar sanitary ware), thsd.t	5,8	7,8	8,7	11,4	10,5	9,8	...
Production of other non-metallic mineral products							
Multiple-walled insulating units of glass, mln.sq.m	2,1	2,7	2,6	2,8	2,9	3,0	...
Glass preserving jars, stoppers, lids and other closures (including stoppers and closures of any material presented with the containers for which they are intended), thsd.t	164,3	216,5	172,9	219,8	279,3	280,7	...
Bottles of colourless glass of a nominal capacity < 2,5 l, for beverages and foodstuffs (excluding bottles covered with leather or composition leather, infant's feeding bottles), bln.pcs	1,2	1,4	1,4	1,5	1,5	1,6	...
Refractory ceramic constructional goods containing >50% of MgO, CaO or Cr ₂ O ₃ including bricks, blocks and tiles excluding goods of siliceous fossil meals or earths, tubing and piping, thsd.t	53,4	63,7	61,2	58,1	c	c	...
Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods containing, by weight, > 7% but < 45% alumina, but > 50% by weight combined with silica, thsd.t	138,0	162,5	162,0	163,9	c	c	...
Ceramic slabs and tiles, mln.sq.m	44,7	52,3	54,5	49,9	46,6	50,5	...
Non-refractory clay building bricks (excluding of siliceous fossil meals or earths), mln.cub.m	2,2	2,1	2,0	1,9	1,7	1,9	...
Porcelain or china tableware and kitchenware (excluding electro-thermic apparatus, coffee or spice mills with metal working parts), thsd.t	1,0	1,5	1,3	0,7	c	c	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021 ¹	2022
Portland cement, mln.t	c	9,0	8,9	9,1	9,6	11,0	...
Other hydraulic cements, mln.t	c	0,3	0,3	0,1	c	c	...
Quicklime, mln.t	2,5	2,2	2,3	2,2	2,3	2,6	...
Slaked lime, mln.t	0,2	0,3	0,3	0,2	0,1	0,1	...
Blocks and bricks of cement, artificial stone or concrete meant for building, mln.t	3,4	3,7	3,6	3,4	3,4	4,1	...
Elements (cement, concrete or artificial stone) of prefabricated structures for construction, mln.t	4,4	4,8	4,6	4,2	3,9	4,4	...
Ready-mixed concrete, mln.t	12,5	18,5	18,9	19,0	18,7	24,0	...
Factory made mortars (except concrete solutions ready for use), mln.t	1,6	2,2	2,4	2,4	3,6	4,6	...
Articles of asbestos-cement, of cellulose fibre-cement or similar mixtures of fibres (asbestos, cellulose or other vegetable fibres, synthetic polymer, glass or metallic fibres, etc.) and cement or other hydraulic binders, containing asbestos, thsd.t	132,9	163,3	147,6	114,8	105,6	c	...
Articles of asphalt or of similar materials, e.g. petroleum bitumen or coal tar pitch, in rolls, mln.sq.m	27,8	39,1	38,3	21,0	25,7	23,1	...
Slag wool, rock wool and similar mineral wools and mixtures thereof, in bulk, sheets or rolls, thsd.t	177,0	182,4	190,7	235,9	c	224,9	...
Manufacture of basic metals							
Pig iron and spiegeleisen in pigs, blocks or other primary forms, mln.t	21,9	19,8	20,5	20,1	20,2	20,8	...
Ferro-silico-manganese, thsd.t	750,2	875,0	912,3	858,7	c	c	...
Ferro-nickel, thsd.t	95,2	74,5	79,5	79,3	c	c	...
Flat semi-finished products (of non-alloy steel), mln.t	8,3	9,1	9,3	9,4	10,1	10,6	...
Ingots, other primary forms and long semi-finished products for seamless tubes (of non-alloy steel), mln.t	7,9	7,2	6,7	6,6	c	c	...
Other ingots, primary forms and long semi-finished products including blanks (of non-alloy steel), mln.t	8,0	5,0	5,3	4,9	5,0	4,2	...
Flat semi-finished products (slabs) (of stainless steel), thsd.t	0,5	0,7	0,5	0,3	c	c	...
Ingots, other primary forms and long semi-finished products for seamless tubes (of stainless steel), thsd.t	100,8	99,2	103,3	91,4	c	c	...
Other ingots, primary forms and long semi-finished products (of stainless steel), thsd.t	20,2	18,8	18,2	18,4	c	c	...
Flat semi-finished products (of alloy steel other than of stainless steel), mln.t	1,0	1,1	1,2	1,3	c	c	...
Ingots, other primary forms and long semi-finished products for seamless tubes (of alloy steel other than of stainless steel), mln.t	3,6	4,0	3,7	3,4	1,0	1,1	...
Other ingots, primary forms and long semi-finished products (of alloy steel other than of stainless steel), mln.t	0,4	0,6	0,9	0,9	1,6	2,4	...
Casing, tubing and drill pipe, of a kind used in the drilling for oil or gas, seamless, of steel other than stainless steel, thsd.t	94,3	176,0	222,0	151,7	c	c	...
Tubes and pipes, of circular cross-section, hot-finished, seamless, of steel other than stainless steel (excluding line pipe of a kind used for oil or gas pipelines and casing, tubing and drill-pipe used for oil or gas drilling), thsd.t	278,9	329,3	380,3	387,7	c	c	...
Tubes and pipes, of circular cross-section, hot- or cold-formed and welded, of an external diameter ≤ 406,4 mm, of steel other than stainless steel, thsd.t	224,6	156,8	158,8	140,2	164,1	164,0	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021 ¹	2022
Tubes and pipes, of square or rectangular cross-section, of a wall thickness ≤ 2 mm, hot- or cold-formed and welded, of steel other than stainless steel, thsd.t	66,1	222,4	181,9	208,0	224,0	177,2	...
Tubes and pipes, of square or rectangular cross-section, of a wall thickness > 2 mm, hot- or cold-formed and welded, of steel other than stainless steel, thsd.t	149,1	173,2	192,3	151,8	135,3	125,5	...
Cold-formed sections, obtained from flat products, of non-alloy steel, coated with zinc, thsd.t	101,1	125,6	104,2	98,2	105,4	124,5	...
Cold-profiled (ribbed) sheets, of non-alloy steel, thsd.t	117,6	165,0	164,0	156,9	172,8	186,3	...
Iron or non-alloy steel wire containing < 0,25% of carbon including crimping wire excluding stranded wire, barbed wire used for fencing - duplex wire - saw-tooth wire, insulated electric wire, thsd.t	178,1	203,9	191,9	203,4	213,0	266,3	...
Iron or non-alloy steel wire containing 0,25-0,6% of carbon including crimped wire excluding stranded wire, barbed wire used for fencing, duplex wire, saw-tooth wire, insulated electric wire, thsd.t	43,9	55,8	31,0	30,2	31,5	c	...
Iron or non-alloy steel wire containing ≥ 0,6% of carbon including crimping wire excluding stranded wire, barbed wire used for fencing, duplex wire, saw-tooth wire, insulated electric wire, thsd.t	42,5	42,0	56,0	62,9	c	c	...
Iron or steel equipment for scaffolding, shuttering, propping/pit-propping including pit head frames and superstructures, extensible coffering beams, tubular scaffolding and similar equipment, thsd.t	56,5	69,5	86,1	86,3	84,2	81,7	...
Other structures principally of sheet: other, thsd.t	64,4	103,3	122,4	152,0	136,0	173,6	...
Weirs, sluices, lock-gates, landing stages, fixed docks and other maritime and waterway structures, of iron or steel, structures and parts of structures of iron or steel, n.e.s. (excluding bridges and bridge-sections; towers; lattice masts; gates; doors, windows and their frames and thresholds; equipment for scaffolding, shuttering, propping or pit-propping, and structures and parts of structures not manufactured exclusively or mainly from plate), thsd.t	101,4	143,4	164,7	187,9	87,4	76,9	...
Boilers for central heating other than those of HS 8402, thsd.pcs	249,2	187,8	170,7	153,1	98,7	129,1	...
Iron or steel reservoirs, tanks, vats and similar containers for liquids, of a capacity > 300 litres (excluding fitted with mechanical or thermal equipment, lined or heat insulated), thsd.t	6,2	9,5	8,3	8,8	7,3	6,4	...
Iron or steel reservoirs, tanks, vats and similar containers for solids, of a capacity > 300 litres (excluding fitted with mechanical or thermal equipment), thsd.t	2,2	10,5	15,1	12,5	12,7	16,3	...
Super-heated water boilers (excluding central heating hot water boilers capable of producing low pressure steam), thsd.pcs	3,5	1,5	c	2,3	c	c	...
Iron or steel hexagon bolts with heads, with a tensile strength < 800 MPa (excluding of stainless steel), thsd.t	9,6	8,9	8,1	5,4	c	c	...
Iron or steel hexagon bolts with heads, with a tensile strength ≥ 800 MPa (excluding of stainless steel), thsd.t	2,5	5,1	4,3	3,0	c	c	...
Iron or steel nuts (including self-locking nuts), thsd.t	8,0	8,0	5,7	3,0	c	c	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Threaded articles, n.e.c., of iron or steel, thsd.t	1,3	3,9	5,5	5,3	4,3	5,6	...
Table, kitchen or household articles and parts thereof of iron other than cast iron, or steel other than stainless (excluding enamelled), thsd.t	11,0	13,3	13,8	13,6	c	c	...
Engineering							
Photosensitive semiconductor devices; solar cells, photo-diodes, photo-transistors, etc, mln.pcs	0,9	0,01	0,01	0,2	c	c	...
Multilayer printed circuits, consisting only of conductor elements and contacts, mln.pcs	1,0	0,6	0,5	0,3	c	c	...
Printed circuits consisting only of conductor elements and contacts (excl. multiple printed circuits), mln.pcs	1,2	1,3	1,0	0,6	c	c	...
Passive networks (including networks of resistors and/or capacitors) (excluding resistor chip arrays, capacitor chip arrays, boards containing active components, hybrids), mln.pcs	1,2	3,1	3,1	3,5	3,0	4,2	...
Machines for the reception, conversion and transmission or regeneration of voice, images or other data, (including switching and routing apparatus), thsd.pcs	31,9	238,4	180,6	123,1	140,4	127,9	...
Thermometers, liquid-filled, for direct reading, not combined with other instruments (excluding clinical or veterinary thermometers), mln.pcs	2,6	3,6	2,8	2,6	c	c	...
Non-electronic hydro-, hygro-, psychrometers (including hygrographs, thermo-hygrographs, baro-thermo-hygrographs, actinometers, pagoscopes; excluding radio-sondes for atmospheric soundings), mln.pcs	1,4	1,4	2,1	1,7	c	c	...
Other non-electronic instruments and apparatus for physical or chemical analyses, n.e.c., thsd.pcs	279,8	268,7	282,8	179,9	c	c	...
Gas supply or production meters (including calibrated), thsd.pcs	806,6	615,1	367,4	445,9	394,3	c	...
Liquid supply or production meters (including calibrated) (excluding pumps), mln.pcs	1,6	1,5	1,1	0,9	0,8	1,1	...
Electricity meters (including calibrating (excluding voltmeters, ammeters, wattmeters, etc), mln.pcs	0,8	0,9	0,9	1,0	1,0	1,4	...
Automatic regulating or controlling instruments and apparatus, hydraulic or pneumatic, thsd.pcs	7,8	25,6	3,4	7,1	5,1	10,5	...
Instruments and apparatus, regulating or controlling, n.e.c., thsd.pcs	61,1	93,7	109,0	116,1	115,2	110,7	...
Single-phase AC motors of an output ≤ 750 W, thsd.pcs	64,2	63,4	54,0	36,7	38,0	42,7	...
Multi-phase AC motors of an output ≤ 750 W, thsd.pcs	127,0	123,2	96,7	54,4	c	c	...
Multi-phase AC motors of an output > 0,75 kW but ≤ 7,5 kW, thsd.pcs	27,3	27,2	17,0	12,9	c	c	...
Other transformers, n.e.c., having a power handling capacity ≤ 1 kVA, mln.pcs	6,9	11,0	13,3	11,3	c	c	...
Other apparatus for switching electrical circuits > 1000 V, thsd.pcs	20,4	61,3	61,8	38,3	28,5	28,5	...
Fuses for a voltage ≤ 1 kV and for a current > 63 A, mln.pcs	1,2	0,2	0,2	0,3	c	c	...
Automatic circuit breakers for a voltage ≤ 1 kV and for a current ≤ 63 A, mln.pcs	1,2	3,2	2,1	2,5	2,4	1,5	...
Relays for a voltage > 60 V but ≤ 1 kV, mln.pcs	3,2	4,0	5,0	4,5	c	c	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Insulated winding wire, thsd.t	5,0	10,6	9,1	4,3	10,3	5,0	...
Other electric conductors, for a voltage ≤ 1000 V, not fitted with connectors, thsd.t	108,0	111,7	143,0	156,2	152,7	118,7	...
Insulated electric conductors for voltage > 1000 V (excluding winding wire, coaxial cable and other coaxial electric conductors, ignition and other wiring sets used in vehicles, aircraft, ships), thsd.t	9,1	9,0	13,2	19,3	17,4	c	...
Electrical apparatus for switching electrical circuits for a voltage ≤ 1 kV (including push-button and rotary switches) (excluding relays), mln.pcs	17,2	15,1	15,9	16,0	15,0	16,0	...
Lamp-holders for a voltage ≤ 1 kV, mln.pcs	8,9	9,9	6,3	4,0	c	c	...
Plugs and sockets for a voltage ≤ 1 kV (excluding for coaxial cables, for printed circuits), mln.pcs	6,7	5,4	4,6	4,1	3,5	2,6	...
Prefabricated elements for electrical circuits for a voltage ≤ 1 kV, mln.pcs	10,3	17,1	18,8	17,4	c	c	...
Connections and contact elements for wires and cables for a voltage ≤ 1 kV, mln.pcs	5,3	5,5	10,0	13,6	9,3	11,3	...
Chandeliers and other electric ceiling or wall lighting fittings (excluding those used for lighting public open spaces or thoroughfares), mln.pcs	1,3	1,3	1,3	1,3	1,1	1,3	...
Washing machines and machines for drying clothes, everyday, thsd.pcs	270,3	326,3	340,9	300,2	c	c	...
Electric water heaters and immersion heaters (excluding instantaneous water heaters), mln.pcs	1,1	1,4	1,2	1,0	0,9	1,1	...
Electric radiators, convection heaters and heaters or fires with built-in fans, thsd.pcs	703,8	469,7	622,9	609,1	c	c	...
Other electric space heaters, thsd.pcs	55,8	138,7	231,3	236,5	182,8	201,5	...
Electric cooking plates, boiling rings and hobs for domestic use, thsd.pcs	213,7	211,4	246,1	176,6	104,4	120,1	...
Appliance cords, extension cords, and other electrical cord sets, for a voltage ≤ 1 kV, with insulated wire and connectors, thsd.t	25,5	14,1	0,3	0,3	0,8	1,2	...
Hydraulic cylinders, thsd.pcs	82,3	157,4	168,4	189,0	187,3	284,9	...
Hydraulic pumps (gear), thsd.pcs	632,8	672,9	667,1	578,8	c	c	...
Hydraulic systems, with cylinders as actuators, thsd.pcs	133,4	144,7	152,0	134,7	c	c	...
Submersible motor, single-stage rotodynamic drainage and sewage pumps, thsd.pcs	68,4	65,2	52,3	41,6	c	c	...
Submersible motor, multi-stage rotodynamic pumps, thsd.pcs	114,5	121,7	158,7	120,4	c	c	...
Bridge cranes on fixed bearings, pcs	78	64	112	72	69	74	...
Mobile cranes, gantry cranes and bridge cranes, pcs	59	107	94	119	72	124	...
Bucket type continuous-action elevators and conveyors for goods or materials, pcs	625	1134	738	675	585	698	...
Belt type continuous-action elevators and conveyors for goods or materials, pcs	780	1185	1512	1371	3999	1738	...
Continuous-action elevators or conveyors for goods or materials (excluding pneumatic elevators or conveyors, those designed for use underground, bucket type, belt type, roller conveyors), thsd.pcs	1,6	2,6	2,6	1,8	1,7	2,8	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Refrigerated show-cases and counters incorporating a refrigerating unit or evaporator (excluding for frozen food storage), thsd.pcs	6,8	2,8	20,6	61,6	c	c	...
Other refrigerating or freezing equipment, thsd.pcs	83,5	127,6	129,4	81,7	93,7	116,2	...
Centrifugal fans (excluding table, floor, wall, window, ceiling or roof fans with a self-contained electric motor of an output ≤ 125 W), thsd.pcs	164,6	168,9	203,8	183,0	c	c	...
Tractors of an engine power > 59 kW, excluding pedestrian-controlled tractors, road tractors for semi-trailers, track-laying tractors, thsd.pcs	2,8	3,3	2,4	1,4	0,9	1,2	...
Ploughs, thsd.pcs	3,7	2,9	3,0	2,5	2,7	2,5	...
Rippers and cultivators, thsd.pcs	3,4	4,0	2,9	3,9	2,5	3,2	...
Disk harrows, thsd.pcs	2,3	3,3	2,2	2,1	2,3	3,6	...
Besides disk harrow, thsd.pcs	5,8	9,3	10,4	5,1	5,6	6,9	...
Seeders, planters and transplanters, thsd.pcs	4,2	5,3	3,8	3,2	3,3	5,9	...
Mowers, including cutter bars, designed to be carried on or hauled by a tractor, thsd.pcs	2,5	3,6	1,6	1,1	0,6	0,5	...
Sprayers and powder distributors designed to be mounted on or drawn by agricultural tractors (excluding watering appliances), pcs	800	1324	1298	1058	1366	1977	...
Self-loading or unloading trailers and semi-trailers for agriculture, pcs	1666	3799	4516	3912	2166	2268	...
Machines and mechanisms for feed preparation for animals, thsd.pcs	63,2	49,3	30,2	17,7	15,6	6,8	...
Machine tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials, n.e.c, thsd.pcs	1,1	1,0	1,0	0,9	0,5	0,5	...
Converters and casting machines, casting forms and buckets used in metallurgy and foundry production, thsd.pcs	0,4	0,2	0,2	3,3	c	c	...
Rollers for rolling mills, thsd.pcs	4,4	6,0	7,3	6,0	c	6,1	...
Elevators, conveyers and lifts of continuous, operation for underground working, pcs	53	35	94	60	26	44	...
Sorting, screening, separating, washing machines; crushing, grinding, mixing, kneading machines excluding concrete/mortar mixers, machines for mixing mineral substances with bitumen, pcs	1980	1276	1340	1802	1717	1504	...
Concrete mixers and mortar mixers, thsd.pcs	4,8	6,0	5,9	6,0	c	6,8	...
Machinery used in the milling industry or for the working of cereals or dried leguminous vegetables (excluding farm-type machinery), thsd.pcs	4,9	5,1	5,5	5,5	c	c	...
Bakery machinery (excluding ovens and dough rollers), thsd.pcs	1,5	1,7	1,4	1,4	c	0,6	...
Machines and equipment for producing confectionery, cocoa or chocolate, pcs	163	295	334	308	517	c	...
Machines and equipment for sugar production, pcs	727	540	291	250	148	c	...
Machines and equipment for processing meat and poultry, thsd.pcs	11,1	11,8	10,1	10,9	8,0	c	...

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Table 15.12 continued

	2015	2017	2018	2019	2020	2021	2022
Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables, thsd.pcs	1,3	2,4	3,1	2,6	2,9	2,9	...
Motor vehicles for the transport of ≥ 10 persons, thsd.pcs	1,0	0,9	1,0	1,1	1,0	0,9	...
Goods vehicles with a diesel or semi-diesel engine, of a gross vehicle weight > 5 tonnes but ≤ 20 tonnes (including vans) (excluding dumpers for off- highway use, tractors), pcs	965	c	327	156	c	15	...
Other trailers and semi-trailers n.e.c., thsd.pcs	35,4	26,2	25,7	18,9	18,0	17,3	...
Inflatable vessels for pleasure or sports, thsd.pcs	34,8	18,9	26,6	24,0	29,7	31,9	...
Railway or tramway goods vans and wagons, not self-propelled, thsd.pcs	1,4	6,9	11,5	10,8	3,3	2,5	...
Bicycles and other cycles (including delivery tricycles), non-motorised, thsd.pcs	112,0	94,8	141,7	127,5	c	c	...
Invalid carriages not mechanically propelled, thsd.pcs	18,6	8,6	11,7	8,9	6,4	3,5	...
Production of furniture							
Upholstered seats with metal frames (excluding swivel seats, medical, surgical, dental or veterinary seats, barbers' or similar chairs, for motor vehicles, for aircraft), mln.pcs	2,3	2,1	2,0	2,1	1,4	1,1	...
Non-upholstered seats with metal frames (excluding medical, surgical, dental or veterinary seats, barbers' or similar chairs, swivel seats), thsd.pcs	495,0	583,9	529,9	549,4	425,6	363,8	...
Upholstered seats with wooden frames (including three piece suites) (excluding swivel seats), thsd.pcs	564,6	409,9	440,1	523,3	541,7	698,6	...
Non-upholstered seats with wooden frames (excluding swivel seats), thsd.pcs	755,9	665,8	433,3	229,4	267,2	320,0	...
Metal furniture for offices, thsd.pcs	978,1	953,5	955,0	991,9	839,9	1703,0	...
Wooden furniture of a kind used in offices, thsd.pcs	376,3	650,3	623,0	794,8	787,1	589,5	...
Wooden furniture for shops, thsd.pcs	133,0	275,1	222,8	271,3	275,6	336,4	...
Kitchen furniture, mln.pcs	0,9	1,3	1,2	1,6	1,8	1,8	...
Wooden bedroom furniture (excluding builders' fittings for cupboards to be built into walls, mattress supports, lamps and lighting fittings, floor standing mirrors, seats), thsd.pcs	706,2	750,3	673,8	686,6	767,3	953,5	...
Wooden furniture for the dining-room and living-room (excluding floor standing mirrors, seats), mln.pcs	0,8	1,5	1,7	2,0	2,2	3,2	...
Supply of electricity, gas, steam and conditioned air							
Electricity, bln. kW·h	163,7	156,0	159,8	154,1	147,8	156,7	...
of which produced by							
heat power plants	67,5	58,2	61,1	58,3	55,4	49,1	...
nuclear power plants	87,6	85,6	84,4	83,0	76,2	86,2	...
hydro power plants	7,0	10,5	12,0	7,9	7,6	10,4	...
wind power plants	1,1	1,0	1,2	2,0	3,3	3,8	...
solar power plants	0,5	0,7	1,1	2,9	5,4	7,1	...

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15.13. Output of sausages and similar products of meat, offal or blood and food preparations based thereon (excluding liver sausages and prepared meals and dishes), by region

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	277,5	228,8	247,1	247,8	236,6	236,4	253,8	...
Autonomous Republic of Crimea	20,3	...	...	...	...	...	...	...
oblasts								
Vinnitsya	4,8	5,5	6,8	8,0	8,0	8,9	...	...
Volyn	14,7	10,6	8,2	8,9	11,0	11,4	...	...
Dnipropetrovsk	43,1	52,4	62,9	67,3	64,9	68,7	...	...
Donetsk	36,9	26,7	37,7	36,4	38,8	c	...	...
Zhytomyr	8,4	17,0	16,4	13,4	10,7	11,6	...	...
Zakarpattia	0,3	0,7	1,5	1,8	1,4	c	...	...
Zaporizhzhya	11,3	12,5	16,8	13,6	9,1	c	...	...
Ivano-Frankivsk	2,2	1,6	0,7	0,7	0,9	2,2	...	...
Kyiv	9,5	5,6	5,1	5,0	4,5	4,4	...	...
Kirovohrad	18,2	18,9	15,5	14,8	13,2	c	...	...
Luhansk	16,8	c	c	c	c	c	...	...
Lviv	5,1	6,3	6,5	4,5	4,9	5,4	...	...
Mykolayiv	2,3	1,3	0,9	0,7	0,7	0,6	...	...
Odesa	7,6	5,5	4,1	4,4	2,5	1,7	...	...
Poltava	32,4	36,3	36,2	35,4	32,4	c	...	...
Rivne	2,9	0,7	0,7	0,9	0,8	0,8	...	...
Sumy	1,2	1,2	1,0	0,8	0,7	0,6	...	...
Ternopil	1,1	0,6	0,8	0,9	1,2	0,7	...	...
Kharkiv	19,8	15,0	16,8	22,7	22,9	22,4	...	...
Kherson	c	c	c	c	c	c	...	...
Khmelnyskiy	5,9	4,0	3,7	3,8	4,0	c	...	...
Cherkasy	2,1	1,9	1,3	0,5	0,4	0,3	...	...
Chernivtsi	5,9	2,1	1,3	1,3	1,1	c	...	...
Chernihiv	1,6	1,3	1,2	0,9	1,0	0,9	...	...
cities							...	...
Kyiv	1,4	1,1	0,6	0,8	0,9	0,9	...	...
Sevastopol	c	...	...	...	...	...	...	...

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**15.14. Output of crude sunflower-seed oil and safflower and its fractions
(excluding chemically modified), by region**

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	2990,4	3715,8	5354,8	5148,6	5836,2	6084,4	4928,7	...
Autonomous Republic of Crimea	0,2	...	...	...	...	...	...	...
oblasts								
Vinnitsya	108,8	351,7	475,6	457,2	444,3	c	...	...
Volyn	—	c	c	—	c	—	...	...
Dnipropetrovsk	210,0	288,1	274,0	268,5	379,4	375,6	...	...
Donetsk	387,7	154,0	188,3	119,7	164,7	c	...	...
Zhytomyr	0,0	0,1	1,0	1,2	c	c	...	...
Zaporizhzhya	427,6	590,9	586,4	577,0	628,8	689,7	...	...
Ivano-Frankivsk	c	c	—	c	—	—	...	...
Kyiv	125,8	115,1	103,2	109,2	110,1	c	...	...
Kirovohrad	353,7	446,6	825,9	746,6	872,5	886,4	...	...
Luhansk	64,4	91,5	99,1	99,4	108,3	c	...	...
Lviv	—	—	c	c	c	c	...	...
Mykolayiv	84,9	255,4	747,0	743,6	866,0	1023,2	...	...
Odesa	375,8	529,2	1014,5	965,6	1018,8	969,1	...	...
Poltava	187,9	226,4	268,0	275,5	306,0	c	...	...
Rivne	c	c	c	—	c	c	...	...
Sumy	3,3	9,3	14,7	11,1	36,3	c	...	...
Ternopil	0,2	4,0	7,5	2,5	3,9	c	...	...
Kharkiv	347,1	293,0	358,1	352,1	425,9	420,7	...	...
Kherson	181,2	201,5	201,7	187,2	200,5	c	...	...
Khmelnyskiy	0,1	0,1	3,6	3,4	c	c	...	...
Cherkasy	73,8	75,1	75,1	73,1	86,1	c	...	...
Chernivtsi	51,1	62,9	64,5	c	c	c	...	...
Chernihiv	6,6	20,1	13,6	14,2	33,5	c	...	...
cities								
Kyiv	—	—	—	c	c	c	...	...
Sevastopol	c	...	...	...	...	...	...	...

INDUSTRY

**15.15. Output of milk and cream of a fat content more than 1% but less than 6%,
not concentrated nor containing added sugar or other sweetening matter,
in immediate packings of a net content no more than 2 L, by region**

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	521,0	472,3	478,2	496,7	474,4	493,4	466,1	...
Autonomous Republic of Crimea	10,6	...	...	...	...	...	...	...
oblasts								
Vinnitsya	74,9	c	c	90,0	92,5	c	...	...
Volyn	c	c	c	c	c	c	...	...
Dnipropetrovsk	54,8	41,4	49,8	52,7	55,3	53,0	...	...
Donetsk	46,9	5,7	4,0	3,2	3,4	c	...	...
Zhytomyr	c	15,4	31,2	37,1	12,2	c	...	...
Zakarpattia	c	—	—	—	—	—	...	...
Zaporizhzhya	13,2	10,2	9,4	8,1	8,6	6,8	...	...
Ivano-Frankivsk	4,4	4,6	4,2	3,4	3,2	1,6	...	...
Kyiv	95,3	112,4	114,8	123,2	119,6	127,7	...	...
Kirovohrad	c	c	1,2	1,5	1,9	c	...	...
Luhansk	8,8	2,2	1,9	1,6	1,1	c	...	...
Lviv	19,7	13,2	16,8	21,7	31,0	c	...	...
Mykolayiv	9,2	10,9	8,8	7,8	7,2	c	...	...
Odesa	15,5	4,5	5,0	5,3	5,1	5,0	...	...
Poltava	36,3	45,4	38,4	38,6	37,4	35,2	...	...
Rivne	4,4	6,0	7,2	7,8	8,2	c	...	...
Sumy	16,5	c	c	c	c	c	...	...
Ternopil	13,5	28,6	26,3	26,1	25,5	c	...	...
Kharkiv	34,6	30,5	26,4	22,5	16,6	15,9	...	...
Kherson	8,4	c	c	c	—	—	...	...
Khmelnyskiy	5,5	10,2	12,6	11,6	9,1	9,8	...	...
Cherkasy	—	c	c	c	c	c	...	...
Chernivtsi	—	0,3	0,5	c	c	c	...	...
Chernihiv	7,6	7,5	8,2	9,9	9,7	c	...	...
city								
Kyiv	c	c	c	c	c	c	...	...

INDUSTRY

**15.16. Output of grated, powdered, blue-veined and other non-processed cheese
(excluding fresh cheese, whey cheese and curd), by region**

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	185,8	96,6	94,3	97,0	86,1	85,2	77,8	...
Autonomous Republic of Crimea	0,9	...	...	...	...	...	...	...
oblasts								
Vinnitsya	8,1	10,1	9,4	10,6	9,3	8,6	...	...
Volyn	c	—	c	c	0,0	c	...	...
Dnipropetrovsk	0,7	1,1	1,3	1,0	0,5	c	...	...
Donetsk	0,9	0,8	0,7	0,7	0,7	c	...	...
Zhytomyr	3,9	5,7	5,1	5,3	6,0	c	...	...
Zakarpattia	c	c	c	c	c	c	...	...
Zaporizhzhya	6,5	0,4	0,2	0,3	0,2	0,2	...	...
Ivano-Frankivsk	4,2	0,1	0,1	0,1	0,1	c	...	...
Kyiv	1,2	2,2	2,8	3,6	3,2	3,4	...	...
Kirovohrad	1,3	0,1	0,7	0,3	0,5	c	...	...
Luhansk	1,5	c	c	c	c	c	...	...
Lviv	0,6	c	c	c	c	c	...	...
Mykolayiv	8,8	3,9	6,2	8,3	7,9	6,3	...	...
Odesa	2,0	0,6	1,2	1,1	1,0	1,0	...	...
Poltava	40,4	8,5	3,9	4,5	4,0	c	...	...
Rivne	14,7	16,0	17,2	16,7	16,7	c	...	...
Sumy	17,0	13,7	13,1	12,2	7,9	c	...	...
Ternopil	6,0	3,8	2,6	2,7	2,1	c	...	...
Kharkiv	5,6	0,9	0,4	1,7	0,5	0,1	...	...
Kherson	10,6	2,8	2,2	2,1	1,8	1,7	...	...
Khmelnyskiy	11,7	2,7	4,0	3,8	3,3	3,4	...	...
Cherkasy	20,9	14,9	15,4	14,6	14,9	15,8	...	...
Chernivtsi	c	c	c	c	c	c	...	...
Chernihiv	15,9	7,6	7,1	6,8	4,6	c	...	...
city								
Kyiv	c	c	c	c	c	c	...	...

INDUSTRY

15.17. Output of curdled milk, cream, yogurt and other fermented products, by region

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	368,4	297,2	272,2	274,5	279,9	306,5	299,8	...
Autonomous Republic of Crimea	7,2	...	...	...	...	...	...	...
oblasts								
Vinnitsya	0,4	c	8,5	13,5	19,7	c	...	...
Volyn	c	c	c	c	c	c	...	...
Dnipropetrovsk	44,5	31,9	25,8	26,1	27,6	c	...	...
Donetsk	43,1	2,7	1,8	1,4	1,4	c	...	...
Zhytomyr	8,0	4,4	4,1	4,2	4,2	c	...	...
Zakarpattia	0,3	c	—	—	—	—	...	...
Zaporizhzhya	13,1	5,7	4,2	2,7	3,4	3,1	...	...
Ivano-Frankivsk	3,0	2,8	2,7	2,4	1,9	c	...	...
Kyiv	57,0	79,5	74,1	73,3	70,5	94,5	...	...
Kirovohrad	c	c	2,0	c	c	c	...	...
Luhansk	6,1	0,5	0,4	0,4	0,4	0,4	...	...
Lviv	40,2	14,5	17,6	23,1	25,8	c	...	...
Mykolayiv	17,0	19,2	22,6	23,7	24,7	c	...	...
Odesa	3,6	3,4	3,7	3,4	3,9	2,9	...	...
Poltava	32,8	33,9	27,6	28,2	30,8	c	...	...
Rivne	2,7	3,6	4,9	5,3	5,4	c	...	...
Sumy	4,6	c	c	c	c	c	...	...
Ternopil	8,2	20,2	17,2	18,1	18,3	c	...	...
Kharkiv	24,7	28,7	25,1	23,5	17,9	15,8	...	...
Kherson	15,7	c	5,6	2,7	2,2	c	...	...
Khmelnyskiy	2,4	3,4	4,1	3,7	4,6	5,6	...	...
Cherkasy	c	c	c	c	c	c	...	...
Chernivtsi	—	0,3	0,2	c	c	c	...	...
Chernihiv	4,9	4,9	3,2	2,8	2,1	1,7	...	...
city								
Kyiv	22,2	c	c	c	c	c	...	...

INDUSTRY

15.18. Output of wheat or meslin flour, by region

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	2422,5	2056,4	1991,0	1746,0	1737,6	1549,8	1456,7	...
Autonomous Republic of Crimea	142,1	...	...	...	...	...	...	...
oblasts								
Vinnitsya	165,7	194,2	252,3	236,9	250,5	192,2	...	...
Volyn	34,3	30,8	30,0	24,2	28,2	c	...	...
Dnipropetrovsk	156,3	157,7	176,1	161,6	166,2	166,8	...	...
Donetsk	252,8	38,1	c	10,3	8,7	15,7	...	...
Zhytomyr	12,7	14,9	25,9	22,0	32,9	c	...	...
Zakarpattia	26,7	c	13,8	c	c	c	...	...
Zaporizhzhya	78,5	84,1	85,7	66,9	66,3	70,3	...	...
Ivano-Frankivsk	50,2	43,0	33,1	25,9	20,0	c	...	...
Kyiv	124,7	145,9	165,2	174,8	149,4	105,7	...	...
Kirovohrad	33,6	54,2	29,8	37,7	54,2	c	...	...
Luhansk	148,2	54,1	32,7	30,3	33,4	c	...	...
Lviv	52,5	60,2	67,3	72,9	69,7	61,5	...	...
Mykolayiv	61,9	44,7	29,7	24,5	22,5	23,8	...	...
Odesa	106,5	106,8	107,6	76,3	75,4	48,8	...	...
Poltava	68,0	86,5	55,4	34,1	30,9	28,3	...	...
Rivne	48,5	36,5	38,5	38,2	33,3	c	...	...
Sumy	86,3	112,7	94,0	71,0	94,5	c	...	...
Ternopil	59,7	55,8	57,2	46,6	46,5	32,4	...	...
Kharkiv	173,9	304,6	279,2	235,0	227,9	245,1	...	...
Kherson	100,9	87,1	64,1	50,2	32,1	36,0	...	...
Khmelnyskiy	79,2	55,9	103,5	109,1	92,9	85,5	...	...
Cherkasy	144,3	130,6	112,0	67,2	70,4	43,4	...	...
Chernivtsi	32,2	15,6	13,5	12,4	10,5	c	...	...
Chernihiv	25,1	22,0	19,6	21,2	16,4	30,4	...	...
cities								
Kyiv	c	c	c	c	c	c	...	...
Sevastopol	c	...	...	...	...	...	...	...

INDUSTRY

15.19. Output of fresh bread containing by weight in the dry matter state ≤ 5% of sugars and ≤ 5 % of fat (excluding with added honey; eggs; cheese or fruit), by region

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine¹	1807,7	1232,0	1072,6	975,1	892,7	794,8	845,1	...
Autonomous Republic of Crimea	61,4	...	...	...	...	...	...	...
oblasts								
Vinnitsya	66,3	44,0	37,4	34,6	30,1	27,0	...	...
Volyn	42,3	31,3	29,1	28,4	26,8	23,1	...	...
Dnipropetrovsk	186,7	167,9	138,1	125,8	116,3	106,3	...	...
Donetsk	161,6	49,9	44,3	36,1	35,2	31,7	...	...
Zhytomyr	57,2	40,5	34,9	31,3	28,4	26,3	...	...
Zakarpattia	13,6	12,1	9,3	8,5	7,6	5,9	...	...
Zaporizhzhya	74,8	64,3	61,8	50,0	45,9	45,5	...	...
Ivano-Frankivsk	33,8	27,7	26,1	24,9	22,3	20,4	...	...
Kyiv	68,5	113,7	102,5	93,8	93,0	85,5	...	...
Kirovohrad	26,7	14,2	11,3	10,9	9,9	9,9	...	...
Luhansk	74,4	11,7	9,6	7,9	7,3	5,9	...	...
Lviv	70,9	50,7	48,0	43,7	42,0	37,9	...	...
Mykolayiv	36,8	26,3	21,1	19,5	18,4	16,6	...	...
Odesa	93,9	80,8	71,6	68,4	52,2	38,0	...	...
Poltava	58,2	33,6	32,5	29,0	28,9	26,6	...	...
Rivne	36,3	28,0	27,9	28,4	28,5	28,2	...	...
Sumy	61,2	40,6	31,6	32,0	29,4	27,6	...	...
Ternopil	15,7	10,0	7,5	7,5	6,7	c	...	...
Kharkiv	131,3	92,6	79,2	73,9	66,7	64,6	...	...
Kherson	34,4	27,2	23,4	21,7	18,2	15,7	...	...
Khmelnyskiy	55,5	50,4	47,0	44,4	37,9	33,8	...	...
Cherkasy	64,9	35,6	24,8	21,9	19,3	18,7	...	...
Chernivtsi	29,4	23,2	18,6	18,1	17,2	c	...	...
Chernihiv	50,4	29,8	22,1	20,7	18,7	17,2	...	...
cities								
Kyiv	182,9	125,8	112,8	93,3	85,7	61,0	...	...
Sevastopol	18,2	...	...	...	...	...	...	...

¹ The difference between the total and the sum of additive components is explained by rounding of data

INDUSTRY

15.20. Output of refined white cane or beet sugar in solid form, by region

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	1805,0	1459,3	2042,7	1753,6	1490,0	1022,0	1449,7	...
of which								
oblasts								
Vinnitsya	296,0	314,9	428,0	399,8	378,6	254,4	...	...
Volyn	222,2	c	138,4	c	c	c	...	...
Zhytomyr	c	c	c	c	c	c	...	...
Ivano-Frankivsk	c	—	—	—	c	—	...	...
Kyiv	162,5	154,5	167,2	193,3	182,7	117,1	...	...
Kirovohrad	c	c	c	c	c	c	...	...
Lviv	c	c	c	c	c	c	...	...
Mykolayiv	c	c	c	—	—	—	...	...
Poltava	239,9	209,6	230,8	222,6	182,0	168,8	...	...
Rivne	c	—	—	—	—	—	...	...
Sumy	c	—	c	c	—	—	...	...
Ternopil	147,7	c	276,8	226,0	c	c	...	...
Kharkiv	62,1	78,5	118,6	77,1	c	c	...	...
Khmelnyskiy	164,3	167,5	270,9	215,5	192,8	109,3	...	...
Cherkasy	147,2	c	c	c	c	c	...	...
Chernivtsi	c	—	—	—	c	c	...	...
Chernihiv	c	c	c	c	c	c	...	...
city								
Kyiv	—	—	c	c	c	c	...	...

16. AGRICULTURE, HUNTING, FORESTRY. FISHERY

This section presents information about agriculture, hunting, forestry and fishery.

Index of agricultural products reflects the changes in physical volume of agricultural production produced over the periods selected for comparisons.

Enterprise is a business entity with right of legal person or an independent unit of legal person that performs systematic economic activity in agriculture. Farms are also put into enterprises.

Agricultural holdings of households are households that carry out agricultural activity both to provide themselves with foodstuffs and produce marketable agricultural products. This category of producers also includes natural persons-entrepreneurs who undertake their activities in the area of agriculture.

Profitability of agricultural production is compiled as a ratio of profit/loss from sales agricultural products to its full self-cost.

Average price for the agricultural products sold by enterprises is the average unit value (tones, thsd. units) of the sold own production products given its quality but excluding tax on value added, grants, overhead costs, transport and forwarding charges that is calculated by dividing the products sold over the relevant period by its quantity. In 2000/2011, the average price included the sum of grants at the expense of funds of tax on value added and budget grants; since 2012 it is not included.

Agricultural lands are land plots systematically used to obtain agricultural products. Their composition includes arable land (including bare fallow), idle land, perennial plantings, hay land, pastures.

Agricultural lands area owned and used by enterprises are land plots systematically used to obtain agricultural products. The agricultural lands area composition includes arable land, fallows, perennial plantings, hay land, pastures.

The revised sown area of agricultural crops is the area that was actually occupied by agricultural crops in the spring (area under winter crops which were preserved and area under spring crops) including the sowing of late crops for the current year harvest (summer plantings) as well as changes in the use of crops (transition of crops from groups of one production direction to others, for example, for grain, green fodder, hay, etc).

Area under perennial plantings is the total area occupied by separate gardens, patches of berries, vineyards and other perennial plantings and the area under trees and bushes that grow separately regardless of the age of plantings.

Area under perennial plantings at a fruitful age is the area under gardens, patches of berries, vineyards and other perennial plantings which have reached the fruit bearing age.

Area with the harvested agricultural crops is the area where the activities related to collecting agricultural crops harvest were performed.

Volume of production (gross harvest) of agricultural crops is the total amount of products collected from the main, repeated and inter-row plantings. Volume of production (gross harvest) of grain and leguminous and sunflower crops is given in the mass after completion, sugar beets (factory) in the mass without land and admixture, vegetable crops include the closed soil products.

Yield of agricultural crops is an average size of certain crop produce obtained from a unit of actually harvested area. It is calculated as a ration of gross harvest from principle, secondary and between row sowing area and actual harvested area of a given crop.

Volume of production (gross harvest) of perennial crops out of the total area of plantings is the total amount of products harvested from perennial plantings regardless of their age.

Yield of perennial plantings is an average size of certain products of perennial plantings. It is calculated as a ratio of gross harvest from total area under perennial plantings and planted area under this crop in fruit bearing age.

Volume of the applied fertilizers is the mass of mineral (in terms of 100% of active substances) and organic (in physical mass) fertilizers applied to the soil to improve the nutritional conditions and increase the yields of agricultural crops.

Volume of the applied pesticides is the mass (in active substances) of the pesticides applied to protect agricultural crops from pests.

Area treated with fertilizers/pesticides is the area with the applied fertilizers (mineral, organic), pesticides used for harvest of agricultural crops of reference year.

Volume of the applied fertilizers/pesticides per 1 ha of the sown revised/cultivated area is the average indicator characterizing fertilizers and pesticide applied to the soil per unit of area. It is calculated as a ratio of the applied mineral fertilizers in terms of 100% of active substances, organic fertilizers in physical mass and used pesticides in terms of active substance which were used for certain agricultural crop to the sown revised/cultivated area under this crop.

Part of area treated with fertilizers/pesticides is a ratio of area with the applied fertilizers/pesticides to the sown revised area under certain agricultural crop.

Population of livestock animals is the indicator characterizing the availability of livestock animals of the relevant type (total or by sex and age group) as of reporting date.

Meat production (in the slaughter weight) or slaughter weight of agricultural animals sold for slaughtering is the product of the total live weight of agricultural animals sold for slaughtering and the coefficient for converting the live weight of animals into slaughter weight.

Milk production (gross yield) is the overall volume of actually milk yield taken from cows of all breeds, buffalo cows, sheep

and goats, mares, other dams of livestock animals.

Wool production (gross amount of wool shorn) of all kinds is the overall actual volume of wool shorn from live sheep and goats including wool that was used to intra-farm needs.

Eggs production from poultry is the overall number of eggs obtained from all kinds of poultry including the losses due to breakage, spoiling, etc as well as eggs spent for young birds reproduction (incubation) by hens or in hatchers.

Average milk yield from one cow is a ratio of cow milk production (gross yield) to the relevant number of uterus cow at the beginning of reference year.

Average wool shorn from one sheep is a ratio of sheep wool production (gross wool shorn) to the number of sheep at the beginning of the year.

Volume of production of main types of plant/animal products per person is a ratio of production (gross harvest) of certain type plant products/production of certain type of animal products to the average annual number of available population for the reference year.

Hunting areas are the land and waters (forest, fields, meadows, swamps, lakes, etc) which are inhabited with animals that could be used for hunting or game shooting and catching.

Hunting animals are the wild beasts and birds that could be huntable species.

The value of the sold forest products is defined at the price of forestry finished products shipped outside the enterprise. It is mentioned in the documents issued as a basis for the settlements with a customers/clients (including the products according to the barter contracts) excluding value added tax.

Round timber is the total volume of the fallen or otherwise cut and taken away timber that can be used for economic purpose.

Low-grade wood is round timber used as fuel for cooking, heating or producing energy. This term also includes wood used for production of charcoal, wood pallets and other agglomerates, wood chips that were directly

obtained in the forests from round timber and are subject to using as fuel.

Test felling and forest rehabilitation and other felling are a periodical felling of a part of the planted trees and bushes which are made since the beginning of planting, but before the main felling, to make the necessary storage, and improve planting.

Timber harvesting is a clear-cutting of ripe trees on a special parcel of forest in order to obtain wood. It also includes the felling of some trees planted for the purpose of cultivation and protection of the forest, and procurement of wood when cleaning blocked forest trails.

Main felling is felling of ripe trees in order to procure the timber.

Forest restoration is the work dealing with the improvements to forests on forest compartments covered with forest vegetation (timber blocking, burned areas, etc) and forest planting in the lands of agricultural purpose not covered by the forest vegetation.

Forest protection against infestations and diseases is ensured through systematic observation over the forests status, timely detection of the forest infestations and diseases, prophylactics of these core areas, their location and liquidation.

Volume of harvesting of water bio-resources is the volume of fish and other water bio-resources extracted from all fishery water bodies or other parts (sees, oceans, ponds, rivers, water reservoirs, lakes and other water basins) both to sell to re-processors, trade organisations, etc and also to further process them at the own enterprise regardless of the purpose of their further usage: production of food, technical, feed, medical and other types of products. At the enterprises engaged in pond fish farming, the volume of catch live pond fish also includes the fish that have been re-weighted and transferred from fishing pond to winter ponds.

AGRICULTURE, HUNTING, FORESTRY. FISHERY

AGRICULTURE

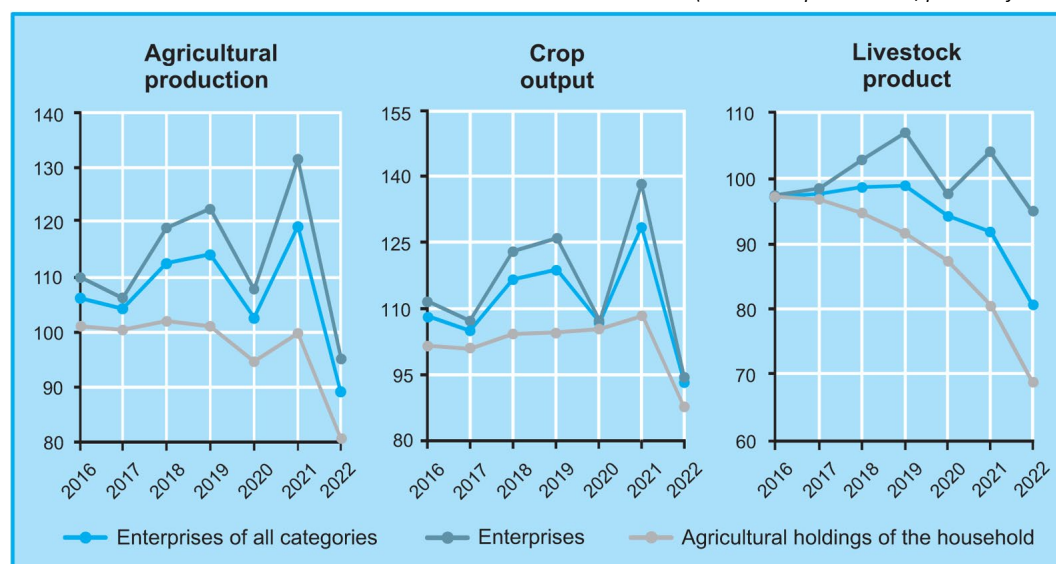
16.1. Index of agricultural products, by category of enterprises

(at constant price in 2016; percent of the previous year)

	Enterprises of all categories			Including					
	agricultural production	of which		agricultural production	of which		agricultural production	of which	
		crop output	livestock product		crop output	livestock product		crop output	livestock product
2015	95,2	94,8	96,4	94,8	94,5	96,5	95,8	95,5	96,3
2016	106,3	109,1	97,3	109,7	112,4	97,5	100,9	102,8	97,2
2017	97,8	97,1	100,2	97,0	96,2	101,0	99,3	99,1	99,6
2018	108,2	110,2	101,2	112,0	113,6	104,5	101,7	103,3	98,1
2019	101,4	101,8	100,2	102,7	102,5	103,8	99,1	100,2	96,7
2020	89,9	87,9	97,5	88,0	85,8	99,3	93,6	92,8	95,6
2021	116,4	122,6	95,4	122,3	127,8	98,0	105,6	111,4	92,4
2022	75,0	72,0	88,0	72,0	68,5	91,8	81,4	80,6	83,6

16.2. Index of agricultural products

(at constant price in 2016; percent of 2015)



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16.3. Index of agricultural products, by region

(at constant price in 2016; percent of the previous year)

	2015	2017	2018	2019	2020	2021	2022
Ukraine	95,2	97,8	108,2	101,4	89,9	116,4	75,0
Autonomous Republic of Crimea	...	...	...	...	...	...	...
oblasts							
Vinnitsya	91,7	95,9	110,6	101,1	85,2	122,1	81,7
Volyn	95,3	104,9	103,1	101,3	100,4	102,8	97,0
Dnipropetrovsk	106,2	100,6	102,7	110,0	85,7	122,3	80,9
Donetsk	64,8	102,3	90,4	121,6	95,8	108,0	26,5
Zhytomyr	91,1	105,9	111,8	100,9	95,3	112,2	83,5
Zakarpattia	95,0	101,5	106,9	100,9	96,5	91,9	100,5
Zaporizhzhya	109,2	96,8	85,6	129,5	88,4	117,4	25,1
Ivano-Frankivsk	95,4	104,1	101,3	97,2	103,5	105,5	98,1
Kyiv	89,1	95,8	123,9	91,7	83,9	119,0	79,2
Kirovohrad	97,6	86,2	120,6	107,6	70,5	146,3	86,5
Luhansk	77,7	94,1	109,1	114,4	88,6	107,4	29,8
Lviv	97,0	106,2	103,6	100,8	104,4	107,6	103,4
Mykolayiv	102,0	91,0	106,1	107,0	76,1	147,0	56,2
Odesa	96,1	99,5	101,1	88,4	61,0	192,0	68,5
Poltava	107,2	83,3	123,8	95,7	88,8	109,6	99,7
Rivne	92,7	105,1	102,5	99,4	103,0	102,0	95,8
Sumy	95,3	100,1	111,3	100,0	103,7	90,1	93,7
Ternopil	88,7	111,2	103,8	97,8	100,0	113,4	95,3
Kharkiv	97,1	90,2	106,1	102,5	98,0	98,3	44,2
Kherson	104,9	99,7	100,5	104,7	94,6	113,9	4,9
Khmelnyskiy	87,2	112,1	102,5	97,0	97,4	113,6	89,8
Cherkasy	99,3	88,6	122,8	97,7	78,7	134,9	87,3
Chernivtsi	91,0	105,4	105,1	95,6	99,8	109,2	91,9
Chernihiv	98,0	105,4	111,1	97,8	102,9	105,8	79,2
city							
Sevastopol	...	...	...	...	...	...	...

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16.4. Structure of agricultural production, by type

(at constant price in 2016; percentage of total volume)

	2015	2017	2018	2019	2020	2021	2022
Crop output	75,9	77,4	78,9	79,1	77,3	81,4	78,2
Grain and leguminous crops	32,4	32,0	33,6	35,2	33,9	38,5	32,3
Industrial crops	25,0	26,9	28,4	28,6	26,5	28,0	30,0
Potatoes, vegetable and cucurbits crops	13,0	12,9	12,1	11,4	12,9	11,3	13,0
Fruit and berry crops, grapes	2,5	2,3	2,6	2,1	2,2	2,0	2,4
Fodder crops	1,7	1,5	1,4	1,3	1,3	1,1	1,3
Other products and change in incomplete production	1,3	1,8	0,8	0,5	0,5	0,5	-0,8
Livestock product	24,1	22,6	21,1	20,9	22,7	18,6	21,8
Raising farm livestock	11,8	11,2	10,8	10,9	12,0	10,1	11,9
Milk	7,9	7,4	6,7	6,3	6,7	5,4	6,5
Eggs	3,3	2,9	2,8	2,8	3,1	2,3	2,6
Other products	1,1	1,1	0,8	0,9	0,9	0,8	0,8

16.5. Structure of agricultural production, by category of producers

(at constant price in 2016; percentage of total volume)

	2015	2017	2018	2019	2020	2021	2022
Enterprises							
Agricultural production	61,6	63,0	65,2	66,1	64,6	67,9	65,2
Crop output	66,1	67,4	69,5	69,9	68,3	71,2	67,7
Livestock product	47,5	48,0	49,5	51,3	52,3	53,7	56,1
Agricultural holdings of households							
Agricultural production	38,4	37,0	34,8	33,9	35,4	32,1	34,8
Crop output	33,9	32,6	30,5	30,1	31,7	28,8	32,3
Livestock product	52,5	52,0	50,5	48,7	47,7	46,3	43,9

16.6. Structure of agricultural production, by type in 2022, by region

(at constant price in 2016; percent)

	Enterprises of all categories			Enterprises			Agricultural holdings of the household		
	agricultural production	of which		agricultural production	of which		agricultural production	of which	
		crop output	livestock product		crop output	livestock product		crop output	livestock product
Ukraine	100,0	78,2	21,8	100,0	81,3	18,7	100,0	72,5	27,5
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
oblasts									
Vinnitsya	100,0	64,9	35,1	100,0	61,6	38,4	100,0	73,8	26,2
Volyn	100,0	72,3	27,7	100,0	71,9	28,1	100,0	72,7	27,3
Dnipropetrovsk	100,0	75,1	24,9	100,0	71,3	28,7	100,0	84,0	16,0
Donetsk	100,0	65,1	34,9	100,0	59,6	40,4	100,0	72,6	27,4
Zhytomyr	100,0	82,4	17,6	100,0	92,1	7,9	100,0	70,1	29,9
Zakarpattia	100,0	54,4	45,6	100,0	89,9	10,1	100,0	50,9	49,1
Zaporizhzhya	100,0	84,6	15,4	100,0	90,8	9,2	100,0	79,3	20,7
Ivano-Frankivsk	100,0	63,2	36,8	100,0	71,3	28,7	100,0	56,9	43,1
Kyiv	100,0	71,7	28,3	100,0	69,3	30,7	100,0	77,4	22,6
Kirovohrad	100,0	88,8	11,2	100,0	95,5	4,5	100,0	76,5	23,5
Luhansk	100,0	79,0	21,0	100,0	56,2	43,8	100,0	79,3	20,7
Lviv	100,0	73,4	26,6	100,0	75,8	24,2	100,0	70,5	29,5
Mykolayiv	100,0	88,3	11,7	100,0	95,9	4,1	100,0	73,6	26,4
Odesa	100,0	88,2	11,8	100,0	97,1	2,9	100,0	73,0	27,0
Poltava	100,0	85,5	14,5	100,0	87,1	12,9	100,0	81,6	18,4
Rivne	100,0	78,3	21,7	100,0	85,1	14,9	100,0	71,9	28,1
Sumy	100,0	90,3	9,7	100,0	94,5	5,5	100,0	73,4	26,6
Ternopil	100,0	80,7	19,3	100,0	87,6	12,4	100,0	65,9	34,1
Kharkiv	100,0	89,0	11,0	100,0	91,4	8,6	100,0	83,8	16,2
Kherson	100,0	58,0	42,0	100,0	75,7	24,3	100,0	...	100,0
Khmelnyskiy	100,0	80,9	19,1	100,0	87,9	12,1	100,0	64,0	36,0
Cherkasy	100,0	68,2	31,8	100,0	65,4	34,6	100,0	77,8	22,2
Chernivtsi	100,0	74,4	25,6	100,0	82,6	17,4	100,0	71,5	28,5
Chernihiv	100,0	88,0	12,0	100,0	91,8	8,2	100,0	71,7	28,3
city									
Sevastopol	...	...	...	...	...	...	...	...	...

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16.7. Structure of agricultural production, by category of producers in 2022, by region

(at constant price in 2016; percent)

	Agricultural production			Crop output			Livestock product		
	enterprises of all categories	of which		enterprises of all categories	of which		enterprises of all categories	of which	
		enterprises	agricultural holdings of the household		enterprises	agricultural holdings of the household		enterprises	agricultural holdings of the household
Ukraine	100,0	65,2	34,8	100,0	67,7	32,3	100,0	56,1	43,9
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
oblasts									
Vinnitsya	100,0	73,3	26,7	100,0	69,6	30,4	100,0	80,1	19,9
Volyn	100,0	54,1	45,9	100,0	53,8	46,2	100,0	54,8	45,2
Dnipropetrovsk	100,0	70,0	30,0	100,0	66,4	33,6	100,0	80,7	19,3
Donetsk	100,0	58,1	41,9	100,0	53,2	46,8	100,0	67,2	32,8
Zhytomyr	100,0	55,8	44,2	100,0	62,4	37,6	100,0	24,9	75,1
Zakarpattia	100,0	9,0	91,0	100,0	14,9	85,1	100,0	2,0	98,0
Zaporizhzhya	100,0	46,5	53,5	100,0	49,8	50,2	100,0	27,8	72,2
Ivano-Frankivsk	100,0	43,9	56,1	100,0	49,6	50,4	100,0	34,3	65,7
Kyiv	100,0	70,3	29,7	100,0	68,0	32,0	100,0	76,3	23,7
Kirovohrad	100,0	64,7	35,3	100,0	69,6	30,4	100,0	25,8	74,2
Luhansk	100,0	1,4	98,6	100,0	1,0	99,0	100,0	2,9	97,1
Lviv	100,0	54,8	45,2	100,0	56,6	43,4	100,0	49,9	50,1
Mykolayiv	100,0	65,7	34,3	100,0	71,4	28,6	100,0	22,8	77,2
Odesa	100,0	63,2	36,8	100,0	69,5	30,5	100,0	15,5	84,5
Poltava	100,0	71,1	28,9	100,0	72,4	27,6	100,0	63,2	36,8
Rivne	100,0	48,4	51,6	100,0	52,7	47,3	100,0	33,2	66,8
Sumy	100,0	79,9	20,1	100,0	83,7	16,3	100,0	45,1	54,9
Ternopil	100,0	67,9	32,1	100,0	73,7	26,3	100,0	43,4	56,6
Kharkiv	100,0	69,1	30,9	100,0	70,9	29,1	100,0	54,2	45,8
Kherson	100,0	76,6	23,4	100,0	100,0	...	100,0	44,3	55,7
Khmelnytskyi	100,0	70,8	29,2	100,0	76,9	23,1	100,0	44,9	55,1
Cherkasy	100,0	77,6	22,4	100,0	74,5	25,5	100,0	84,4	15,6
Chernivtsi	100,0	26,4	73,6	100,0	29,4	70,6	100,0	18,0	82,0
Chernihiv	100,0	80,7	19,3	100,0	84,3	15,7	100,0	54,8	45,2
city									
Sevastopol	...	...	...	...	...	...	...	...	...

16.8. Distribution of enterprises¹ engaged in agricultural activity in 2022, by size of agricultural lands

	Number of enterprises		Area of agricultural lands	
	units	percent of the total number	thsd.ha	percent of the total area of agricultural land
Enterprises that have agricultural lands	29631	100,0	17274,4	100,0
including with the area, ha	478	1,6	1,8	0,0
under 5,00	1242	4,2	9,7	0,1
5,01–10,00	2099	7,1	32,6	0,2
10,01–20,00	6655	22,4	247,0	1,4
20,01–50,00	3939	13,3	286,3	1,6
50,01–100,00	7904	26,7	1924,8	11,1
100,01–500,00	2766	9,3	1980,8	11,5
500,01–1000,00	4055	13,7	8459,6	49,0
1000,01–5000,00	493	1,7	4331,8	25,1
over 5000,00	29631	100,0	17274,4	100,0

¹ Data are presented by units which actually submitted report by form 4-cr (annual) "Report on cultivated areas for agricultural crops" and meet the criteria defined by statistical methodology

16.9. Structure of production cost of agriculture products (operations, services) by enterprises¹

(percent)

	Products (operations, services) of agriculture					
	2017	2018	2019	2020	2021	2022
Production costs, total	100,0	100,0	100,0	100,0	...	...
Direct material expenses, total	59,8	56,0	57,7	55,7	...	...
including						
seeds and planting stock	7,5	8,1	8,3	8,1	...	...
fodder	10,3	11,7	11,4	12,4	...	...
other agricultural produce	1,4	1,5	1,7	1,5	...	...
mineral fertilisers	12,3	13,0	15,0	13,7	...	...
fuels and lubricants	7,6	8,8	8,7	7,0	...	...
electricity	0,8	0,9	1,0	1,0	...	...
fuels and energy	1,1	1,1	0,6	0,4	...	...
spare parts, repair and construction materials for repair	4,6	4,8	5,0	4,8	...	...
Direct expenses for labour remuneration	5,0	5,7	6,4	6,8	...	...
Other direct expenses, total	19,6	21,4	21,3	23,4	...	...
including						
benefits-related deductions	1,1	1,2	1,4	1,5	...	...
rent payments for						
land parcels (shares)	8,9	9,9	9,7	10,5	...	...
property shares	0,1	0,1	0,1	0,1	...	...
depreciation	4,7	5,8	7,0	8,1	...	...
General production expenses, total	15,6	16,9	14,6	14,1	...	...
of which						
payment for services of outside organisations	7,2	7,7	7,7	7,5	...	...

¹ Information is compiled on enterprises with the main type of activity: *Cultivation of non-perennial and biennial crops, Cultivation of permanent crops, Restoration of plants, Animal breeding, Mixed agriculture, Supporting activities in agriculture and after harvest activity and Production of poultry meat* (codes 01.1-01.6 and 10.12 by the *Classification of Types of Economic Activity* SC 009:2010)

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**16.10. Profitability of production of basic types of agricultural products
by enterprises¹**

	(percent)						
	2015	2017	2018	2019	2020	2021	2022
Grain and leguminous crops	42,6	25,0	24,7	11,8	20,0	...	...
Factory sugar beets	27,7	12,4	-11,4	-15,4	-13,5	...	...
Sunflowers	78,4	41,3	32,5	23,5	39,4	...	...
Potatoes	24,6	10,0	6,8	15,4	11,0	...	...
Vegetable crops	32,0	9,9	13,3	2,8	8,0	...	...
Fruit and berry crops	58,3	35,4	6,4	6,2	19,0	...	...
Grapes	92,9	51,6	22,6	-7,2	-16,2	...	...
Cattle for meat ²	-16,9	3,4	-17,7	-27,1	-24,2	...	...
Pigs for meat ²	12,6	3,5	6,9	4,7	2,6	...	...
Sheep and goats for meat ²	-26,6	-39,6	-16,6	-39,7	-39,4	...	...
Poultry for meat ²	-5,4	7,0	5,7	-3,7	-0,2	...	...
Milk	12,7	26,9	16,1	20,6	20,4	...	...
Eggs ³	60,9	-9,0	5,4	-23,5	-19,2	...	...
Wool ³	-61,9	-69,8	-69,5	-71,1	-72,0	...	...

¹ See the footnote to Table 16.9

² Excluding the transfers on own production capacities

³ For 2015, 2016, data on hen eggs are presented for large and medium-sized agricultural enterprises engaged in agricultural activity

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16.11. Average prices for selling agricultural products by agricultural enterprises

(1 t; UAH)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Enterprises										
Grain and leguminous crops	443,8	417,8	1120,9	2912,1	3771,6	4315,0	3867,5	4794,1	6296,1	6399,7
including										
wheat	487,0	415,2	1085,8	2796,2	3814,7	4586,1	4077,1	5017,5	6433,6	6097,1
rye	468,8	317,2	792,7	2222,4	3106,4	3205,5	4276,8	4594,3	4470,5	4755,3
corn	386,4	343,1	1246,1	2989,9	3668,9	4011,5	3684,6	4668,6	6245,5	6555,4
barley	374,2	488,5	955,1	2661,5	3634,2	4815,4	3932,5	4352,7	5862,6	5632,7
oats	345,6	334,2	766,8	2065,4	3301,5	3906,1	4305,6	4649,6	4948,1	5343,9
millet	349,9	295,4	1036,2	3315,8	3634,0	7700,2	6929,5	5974,6	6559,0	7238,2
buckwheat	748,0	883,8	3910,0	9098,3	10490,8	5827,8	7158,7	14550,8	17909,2	23805,4
rice	707,7	1017,9	2348,1	7426,3	7663,4	7909,4	7898,7	8663,6	9007,7	13145,2
legumes	575,0	579,0	1596,4	5382,5	5719,2	5394,5	5337,4	6224,1	8264,6	8029,8
Oil crops	525,7	981,5	2942,6	7531,5	9132,0	9318,3	8321,2	10852,9	16418,5	15036,9
Factory sugar beets	121,5	177,0	478,5	788,6	825,3	749,0	753,7	871,5	1164,1	1572,2
Potatoes	517,1	685,2	2131,0	2436,3	3296,3	3746,0	5474,7	5103,4	4993,4	4519,5
Vegetable crops	572,1	1462,1	2551,6	3903,4	4136,1	4448,0	4497,0	4437,1	4679,6	14025,0
Fruit and berry crops	394,9	987,8	2419,8	5894,5	8766,6	5054,0	6494,4	9140,2	8177,1	8126,4
Grapes	724,5	1476,1	3638,2	6450,3	6219,5	5822,3	5451,4	6739,0	7211,9	7320,6
Livestock animals (live weight)	2358,0	6909,9	10797,1	121966,2	31838,4	33331,2	32679,8	32490,6	37380,5	45676,7
Milk	536,4	1126,9	2938,7	4347,3	7234,0	7602,4	8198,2	8839,9	10300,7	10969,0
Eggs, for thsd.pcs	191,7	251,8	470,6	1333,2	1145,9	1600,3	1206,1	1258,6	1877,3	2328,3
Wool	3182,5	4441,4	4165,3	14216,7	19833,9	23350,5	25027,3	12537,4	13528,7	8327,4
Agricultural holdings of the household										
Grain and leguminous crops	...	454,0	1195,6	2805,4	3431,3	3986,1	3702,9	4411,5	5413,5	...
Oil crops	...	1079,5 ¹	3026,0	6708,3	8056,8	8168,3	6737,2	9590,5	14216,7	...
Factory sugar beets	...	170,4	354,6	631,6	747,9	700,0	—	—	—	...
Potatoes	...	1111,5	3601,6	3566,6	4532,4	3563,2	9276,8	6999,2	5985,1	...
Vegetable crops	...	1449,7	3061,4	7557,3	6913,0	8013,3	11677,0	12688,0	12555,9	...
Fruit and berry crops	...	1920,2	5043,7	9790,9	13256,4	9116,4	18123,0	17993,2	17390,8	...
Grapes	...	901,6	3842,1	7831,6	10403,0	6662,6	11758,0	7182,3	13724,6	...
Livestock animals (live weight)	...	7661,3	12939,4	25345,9	33591,1	37968,6	38429,4	40142,2	44581,3	...
Milk	...	1035,2	2563,4	3619,9	5550,2	5995,8	6638,2	6874,5	8510,3	...
Eggs, for thsd.pcs	...	389,7	809,0	1749,2	1999,0	2462,7	2423,1	2377,6	3132,3	...
Wool	...	3054,8	3507,3	8021,0	19631,9	17570,6	—	—	3996,8	...

¹ Sale of sunflower seeds

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CROP GROWING

16.12. Distribution of land areas and agricultural lands

(source: the State Service of Geodesy, Cartography and Cadastre of Ukraine; beginning of year; thsd.ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total agricultural land	41829,5	41763,8	41596,4	41511,7	41504,9	41489,3	41329,0	41310,9	...	...
including										
arable fields	32669,9	32482,2	32478,4	32531,1	32543,4	32544,3	32698,5	32757,3	...	...
hay fields	2336,4	2438,0	2409,8	2407,3	2402,9	2399,4	2294,4	2283,9	...	...
pastures	5501,6	5530,1	5489,7	5441,0	5430,9	5421,5	5282,6	5250,3	...	...
conversions	376,4	409,7	320,8	239,4	230,6	229,3	190,5	166,7	...	...
perennial plantations	945,2	903,8	897,7	892,9	897,1	894,8	863,0	852,7	...	...

16.13. Sown area for agricultural crops in 1940–2022

(thsd.ha)

	Agricultural crops	Of which				
		grain and leguminous crops	factory sugar beets	sunflowers	potatoes	vegetable crops in open ground (without seed crops)
1940	31336	21385	820	720	2060	486
1950	30656	20047	828	894	1904	374
1955	32892	20446	1092	935	2152	461
1960	33547	13729	1457	1505	2186	474
1965	33785	16495	1863	1777	2108	464
1970	32782	15518	1659	1710	1988	466
1975	33617	16540	1769	1672	1857	499
1980	33578	16473	1775	1683	1682	497
1985	32656	16077	1641	1480	1528	499
1990	32406	14583	1607	1636	1429	456
1995	30963	14152	1475	2020	1532	503
2000	27173	13646	856	2943	1629	538
2005	26044	15005	652	3743	1514	465
2010	26952	15090	501	4572	1408	462
2015	26902	14738	237	5105	1291	440
2016	27026	14401	292	6073	1312	442
2017	27585	14624	316	6034	1323	439
2018	27699	14839	276	6117	1319	433
2019	28001	15318	222	5928	1309	446
2020	28147	15392	220	6457	1325	457
2021	28581	15995	227	6622	1283	454
2022	23405	12171	184	5293	1208	373

16.14. Sown area for agricultural crops

(thsd.ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Agricultural crops	27173	26044	26952	26902	27585	27699	28001	28147	28581	23405
Grain and leguminous crops	13646	15005	15090	14739	14624	14839	15318	15392	15995	12171
Winter crops	6324	7289	7904	7904	7242	7455	7836	7600	8226	6153
including										
wheat ¹	5316	6185	6137	6696	6168	6417	6650	6429	6908	5217
rye	668	622	286	150	171	149	115	137	171	101
barley	340	482	1481	1058	887	874	1058	1025	1139	828
Summer crops	7322	7716	7186	6835	7382	7384	7482	7792	7769	6018
of which										
wheat ¹	303	480	314	171	202	197	167	167	188	218
barley	3645	4018	3024	1768	1620	1618	1555	1370	1337	947
oats	521	468	326	213	198	197	183	200	178	154
corn	1364	1711	2709	4123	4520	4580	5005	5432	5522	4325
millet	437	141	95	112	58	55	92	159	83	51
buckwheat	574	426	225	133	189	112	69	84	90	121
rice	26	21	29	12	13	13	11	11	10	1
legumes crops	408	422	429	250	506	565	348	315	314	180
Industrial crops	4187	5260	7296	8350	9259	9266	9130	9224	9244	8292
of which										
factory sugar beets	856	652	501	237	316	276	222	220	227	184
sunflowers	2943	3743	4572	5105	6034	6117	5928	6457	6622	5293
rape and colza	214	207	907	682	789	1042	1282	1127	1006	1186
soya	65	438	1076	2158	2000	1716	1609	1351	1311	1559
flax	23	25	1	2	2	1	1	c	1	c
Potatoes, vegetable and cucurbits crops	2277	2041	1967	1823	1844	1825	1828	1854	1807	1620
of which										
potatoes	1629	1514	1408	1291	1323	1319	1309	1325	1283	1208
vegetable crops in open ground (without seed crops)	538	465	462	440	439	433	446	457	454	373
Fodder crops	7063	3738	2599	1990	1858	1769	1725	1677	1535	1322
of which										
fodder roots	285	294	244	213	206	203	192	191	177	163
fodder corn	1920	774	473	309	286	258	243	262	214	195
annual grass	1765	891	583	393	353	338	312	302	269	195
perennial grass	2985	1702	1238	1027	955	920	921	869	819	724

¹ Here and further (Table 16.16, 16.18, 16.19, 16.31, 16.32) from 2017, excluding triticale.

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16.15. Sown area for agricultural crops in 2022, by region

(thsd.ha)

	Agricultural crops	Of which			
		grain and leguminous crops	industrial crops	potatoes, vegetable and cucurbits crops	fodder crops
Ukraine	23405	12171	8292	1620	1322
Autonomous Republic of Crimea	...	...	...	...	...
oblasts					
Vinnitsya	1631	811	572	131	117
Volyn	613	309	145	99	60
Dnipropetrovsk	1943	1066	745	98	34
Donetsk	392	227	135	23	7
Zhytomyr	1140	461	420	107	152
Zakarpattia	186	81	25	43	37
Zaporizhzhya	611	338	233	21	19
Ivano-Frankivsk	388	145	109	71	63
Kyiv	1192	633	384	117	58
Kirovohrad	1720	862	762	59	37
Luhansk	193	92	74	17	10
Lviv	746	327	212	142	65
Mykolayiv	1301	728	513	27	33
Odesa	1849	1183	602	40	24
Poltava	1731	927	634	84	86
Rivne	624	284	170	85	85
Sumy	1141	552	465	67	57
Ternopil	852	443	300	66	43
Kharkiv	1048	629	341	44	34
Kherson ¹	132	85	45	1	1
Khmelnyskiy	1217	558	489	73	97
Cherkasy	1214	650	415	75	74
Chernivtsi	309	123	92	49	45
Chernihiv	1232	657	410	81	84
city					
Sevastopol	...	...	...	...	...

¹Data are given by enterprises excluding households holdings.

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16.16. Harvested area

(thsd.ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Grain and leguminous crops	12587	14605	14576	14641	14560	14794	15292	15283	15948	11773
Winter crops	5846	7187	7698	7870	7231	7445	7830	7542	8219	5979
including										
wheat	4888	6105	5982	6670	6161	6409	6645	6388	6903	5065
rye	636	608	279	149	170	148	115	137	171	100
barley	322	474	1437	1051	885	873	1057	1008	1137	807
Summer crops	6741	7418	6878	6771	7329	7349	7462	7741	7729	5794
of which										
wheat	273	466	302	169	200	195	167	167	187	217
barley	3367	3876	2880	1755	1617	1611	1552	1367	1335	934
oats	481	450	311	211	198	196	182	199	178	154
corn	1279	1660	2648	4084	4481	4564	4987	5392	5482	4125
millet	367	120	85	113	56	55	93	159	87	49
buckwheat	529	396	199	128	185	113	69	84	92	121
rice	25	21	29	12	13	13	11	11	10	1
legumes crops	383	401	391	247	504	556	347	310	311	174
Factory sugar beets	747	623	492	237	314	275	221	220	227	184
Sunflowers	2842	3689	4526	5166	6061	6167	5959	6481	6665	5238
Rape and colza	157	195	863	671	786	1039	1279	1113	1005	1156
Soya	61	422	1037	2136	1982	1729	1613	1364	1323	1527
Flax (fiber)	20	24	1	1	1	1	1	c	c	c
Potatoes	1631	1516	1412	1291	1323	1320	1309	1325	1283	1204
Vegetable crops	519	464	468	447	446	440	452	465	461	375
Fodder roots	281	294	246	214	206	203	192	191	177	163
Fodder corn	1843	766	469	308	288	259	247	267	216	202
Annual hay grass	289	342	298	267	253	234	218	213	191	143
Perennial hay grass	1249	1001	903	819	774	758	762	727	694	615

16.17. Area planted with fruit and berry crops, and grapes

(thsd.ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Plantations of fruit and berry crops	425	299	255	235	226	228	225	219	217	193
of which fruit-bearing	378	266	223	206	199	200	196	191	191	171
Vineyards	110	96	87	45	44	43	42	39	37	30
of which fruit-bearing	99	81	68	42	41	41	40	37	35	29

16.18. Output of agricultural crops in 1913–2022

(thsd.t)

	Grain and leguminous crops		Factory sugar beets	Sunflowers	Potatoes	Vegetable crops	Fruit and berry crops	Grapes
	total	of which wheat						
1913	23157	7970	9337	71	8546	...	...	...
1940	26420	8407	13052	946	20664	5486	790	161
1950	20448	6701	13925	703	20329	2318	765	66
1955	31655	14243	21751	1385	16984	4677	1054	173
1960	21368	6645	29050	1603	19461	4948	1038	423
1965	30940	15791	41153	2544	18157	5350	1860	958
1970	35422	15177	41847	2530	19726	5807	2350	904
1975	32802	17747	35925	2277	16469	6038	2510	1187
1980	36625	20567	37558	2119	13133	7186	2253	886
1985	38899	16482	38326	2168	20315	7384	3420	430
1990	51009	30374	44264	2571	16732	6666	2902	836
1995	33930	16273	29650	2860	14729	5880	1897	457
2000	24459	10197	13199	3457	19838	5821	1453	514
2005	38016	18699	15468	4706	19462	7295	1690	443
2010	39271	16851	13749	6772	18705	8122	1747	408
2015	60126	26532	10331	11181	20839	9214	2153	386
2016	66088	26044	14011	13627	21750	9415	2007	378
2017	61917	26159	14882	12236	22208	9286	2048	410
2018	70057	24606	13968	14165	22504	9440	2571	468
2019	75143	28328	10204	15254	20269	9688	2119	366
2020	64933	24877	9150	13110	20838	9653	2024	281
2021	86010	32151	10854	16392	21356	9935	2235	264
2022	53864	20729	9941	11329	20899	7512	1995	258

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16.19. Output of agricultural crops

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Grain and leguminous crops	24459	38016	39271	60126	61917	70057	75143	64933	86010	53864
Winter crops	11348	19744	19899	29605	28994	27268	31917	28038	36846	22905
including										
wheat	9775	17683	16217	25937	25399	23907	27664	24259	31369	19907
rye	966	1053	463	387	505	393	333	455	591	309
barley	607	1008	3219	3281	3041	2923	3879	3291	4856	2663
Summer crops	13111	18272	19372	30521	32923	42789	43226	36895	49164	30959
of which										
wheat	422	1016	634	595	760	699	664	618	782	822
barley	6265	7967	5266	5007	5244	4426	5038	4345	4581	2945
oats	881	791	459	489	471	419	422	510	468	379
corn	3848	7167	11953	23328	24669	35801	35880	30290	42110	26187
millet	426	141	117	213	84	81	170	256	205	91
buckwheat	481	275	134	128	180	137	85	98	106	148
rice	90	93	148	63	84	69	55	61	49	3
legumes crops	652	758	592	502	1239	955	710	600	681	334
Factory sugar beets	13199	15468	13749	10331	14882	13968	10204	9150	10854	9941
Sunflowers	3457	4706	6772	11181	12236	14165	15254	13110	16392	11329
Rape and colza	132	285	1470	1738	2195	2751	3280	2557	2939	3318
Soya	64	613	1680	3931	3899	4461	3699	2798	3493	3444
Potatoes	19838	19462	18705	20839	22208	22504	20269	20838	21356	20899
Vegetable crops	5821	7295	8122	9214	9286	9440	9688	9653	9935	7512
Fodder roots	6672	8015	6771	6188	6148	6194	5809	5521	5201	5021
Fodder corn	24183	12509	7511	6843	6546	6955	6373	6621	6838	5934
Annual hay grass	647	942	953	977	992	940	904	821	795	556
Perennial hay grass	2572	2969	3238	3124	3164	3206	3243	2983	2953	2576
Fruit and berry crops	1453	1690	1747	2153	2048	2571	2119	2024	2235	1995
Grapes	514	443	408	386	410	468	366	281	264	258

16.20. Output of agricultural crops, by category of enterprises

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Enterprises										
Grain and leguminous crops	19964	28791	29779	46507	47905	56096	59982	51718	69689	42315
Factory sugar beets	11594	12146	12663	9554	14227	13317	9658	8627	10354	9508
Sunflowers	3025	3710	5586	9549	10597	12194	13089	11493	14214	9989
Potatoes	277	239	483	456	429	416	373	398	495	433
Vegetable crops	986	781	964	1282	1344	1357	1421	1491	1402	445
Fruit and berry crops	264	200	287	412	334	556	351	341	464	353
Grapes	360	258	260	206	240	263	144	99	101	83
Agricultural holdings of households										
Grain and leguminous crops	4495	9225	9492	13619	14012	13961	15161	13215	16321	11549
Factory sugar beets	1605	3322	1086	777	655	651	546	523	500	433
Sunflowers	432	996	1186	1632	1639	1971	2165	1617	2178	1340
Potatoes	19561	19223	18222	20383	21779	22088	19896	20440	20861	20466
Vegetable crops	4835	6514	7158	7932	7942	8083	8267	8162	8533	7067
Fruit and berry crops	1189	1490	1460	1741	1714	2015	1768	1683	1771	1642
Grapes	154	185	148	180	170	205	222	182	163	175

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16.21. Share of the agricultural crop production by household holdings

(percentage of total volume)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Grain and leguminous crops	18,4	24,3	24,2	22,7	22,6	19,9	20,2	20,4	19,0	21,4
Factory sugar beets	12,2	21,5	7,9	7,5	4,4	4,7	5,4	5,7	4,6	4,4
Sunflower	12,5	21,2	17,5	14,6	13,4	13,9	14,2	12,3	13,3	11,8
Potatoes	98,6	98,8	97,4	97,8	98,1	98,1	98,2	98,1	97,7	97,9
Vegetable crops	83,1	89,3	88,1	86,1	85,5	85,6	85,3	84,6	85,9	94,1
Fruit and berry crops	81,8	88,2	83,6	80,9	83,7	78,4	83,4	83,2	79,2	82,3
Grapes	30,0	41,8	36,3	46,6	41,4	43,8	60,7	64,8	61,7	67,8

16.22. Per capita agricultural crop production

(kg)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Grain and leguminous crops	497	807	856	1403	1457	1657	1788	1555	2079	...
Factory sugar beets	268	328	300	241	350	330	243	219	262	...
Sunflower	70	100	148	261	288	335	363	314	396	...
Potatoes	403	413	408	486	523	532	482	499	516	...
Vegetable crops	118	155	177	215	219	223	231	231	240	...
Fruit and berry crops	30	36	38	50	48	61	50	48	54	...
Grapes	10	9	9	9	10	11	9	7	6	...

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16.23. Output of grain and leguminous crops, by region

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	24459	38016	39271	60126	61917	70057	75143	64933	86010	53864
Autonomous Republic of Crimea	1064	1160	1401	...	...	...	...	...	...	...
oblasts										
Vinnitsya	1745	2035	3111	3768	4889	5911	5936	4015	6535	3564
Volyn	503	677	579	1062	1165	1237	1293	1401	1509	1359
Dnipropetrovsk	1571	2908	2709	3866	3578	3488	4285	3540	4949	3271
Donetsk	1011	1912	1797	1536	1908	1344	1969	1988	2228	544
Zhytomyr	721	750	1087	1460	1994	2424	2738	2526	3357	1987
Zakarpattia	167	296	256	332	390	376	392	327	363	306
Zaporizhzhya	1150	1806	1905	2728	2907	2233	3339	2965	3838	770
Ivano-Frankivsk	253	335	346	689	754	805	744	827	1009	844
Kyiv	1431	2284	2003	2820	2647	4082	4216	2987	4567	2978
Kirovohrad	1378	2479	2374	3314	2858	3763	4346	2689	4981	3887
Luhansk	442	1311	811	993	1276	1159	1446	1376	1391	253
Lviv	481	627	623	1366	1417	1440	1644	1607	1828	1904
Mykolayiv	921	1763	2201	2896	2675	2673	3138	2362	3925	2134
Odesa	1581	2669	2929	3489	4265	4320	3748	1955	5105	3062
Poltava	1408	2851	2854	5363	4242	6342	6119	5050	5980	5097
Rivne	495	599	636	1102	1209	1260	1493	1444	1727	1403
Sumy	968	1119	1324	3735	3686	4470	4432	4820	4261	3472
Ternopil	741	1045	1261	2199	2622	2632	2700	2837	3304	2643
Kharkiv	1268	2407	1266	4210	3859	3829	4416	4853	4937	2445
Kherson	1166	1539	1515	2622	2545	2268	2740	2720	3529	145 ¹
Khmelnyskiy	1242	1205	1743	2793	3421	3861	3798	3985	4831	3516
Cherkasy	1594	2217	2531	3745	2927	4644	4560	2692	5150	3659
Chernivtsi	326	427	488	524	604	586	642	578	729	665
Chernihiv	832	1595	1518	3514	4079	4910	5009	5389	5977	3956
city										
Sevastopol	...	...	3	...	...	...	...	...	...	...

¹ See the footnote to Table 16.15.

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16.24. Output of factory sugar beets, by region

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	13199	15468	13749	10331	14882	13968	10204	9150	10854	9941
Autonomous Republic of Crimea	—	—	—	...	...	...	...	...	...	...
oblasts										
Vinnitsya	1916	2050	2457	2057	2834	3150	1951	2001	2307	2353
Volyn	486	711	474	420	621	528	412	337	380	381
Dnipropetrovsk	270	359	33	31	55	54	35	25	32	—
Donetsk	37	47	17	10	c	c	c	11	11	2
Zhytomyr	388	595	304	607	730	708	601	442	445	161
Zakarpattia	—	—	—	—	—	—	—	—	—	—
Zaporizhzhya	27	26	3	—	—	—	—	—	—	—
Ivano-Frankivsk	202	151	80	33	73	66	50	26	23	c
Kyiv	1216	1562	1094	882	1049	1396	838	815	967	201
Kirovohrad	642	699	513	483	586	389	484	318	449	502
Luhansk	78	18	0	—	0	0	0	—	—	—
Lviv	401	437	529	583	809	672	619	723	849	1109
Mykolayiv	130	146	19	85	96	—	—	—	—	—
Odesa	214	116	8	—	—	—	—	—	—	—
Poltava	975	1543	1802	1396	1446	1473	1107	1049	1043	1072
Rivne	431	582	1010	454	643	724	560	789	803	998
Sumy	773	644	336	75	252	140	c	c	c	—
Ternopil	1202	1476	1555	727	1737	1703	1177	859	894	1204
Kharkiv	1117	1103	462	539	850	577	250	155	253	—
Kherson	25	33	—	—	c	—	—	—	—	—
Khmelnyskiy	1146	1041	1606	1141	1983	1424	1395	959	1609	1288
Cherkasy	860	1253	977	491	674	704	399	338	485	455
Chernivtsi	322	181	104	6	c	c	c	c	c	c
Chernihiv	341	695	366	311	269	250	217	200	229	102
city										
Sevastopol	...	...	—	...	...	...	...	...	...	...

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16.25. Output of sunflower, by region

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	3457	4706	6772	11181	12236	14165	15254	13110	16392	11329
Autonomous Republic of Crimea	38	26	36	...	...	...	...	...	...	...
oblasts										
Vinnitsya	67	87	275	504	726	808	846	773	985	751
Volyn	0	0	0	5	39	70	94	101	101	86
Dnipropetrovsk	452	613	856	1199	1203	1283	1449	1013	1416	1091
Donetsk	462	473	592	528	555	531	686	572	778	228
Zhytomyr	0	6	27	141	248	299	325	346	370	377
Zakarpattia	1	2	2	5	7	5	8	6	7	8
Zaporizhzhya	444	735	758	962	866	720	1020	827	1069	229
Ivano-Frankivsk	1	1	5	27	77	58	61	64	91	114
Kyiv	25	47	122	292	397	570	508	455	596	469
Kirovohrad	305	525	713	1170	1092	1459	1540	1033	1596	1312
Luhansk	238	312	383	485	566	721	861	678	809	123
Lviv	—	0	0	28	74	80	73	85	102	109
Mykolayiv	251	427	586	939	876	1087	1063	692	1160	623
Odesa	311	340	328	755	904	886	693	453	966	571
Poltava	201	288	466	848	731	944	979	974	996	1243
Rivne	0	0	3	10	67	58	78	102	108	123
Sumy	40	27	129	471	516	621	777	880	782	873
Ternopil	1	1	13	75	234	191	216	285	278	335
Kharkiv	342	301	703	1172	1103	1468	1481	1356	1420	697
Kherson	155	289	361	486	499	553	641	532	672	16 ¹
Хмельницька	3	3	42	106	439	484	513	569	510	577
Cherkasy	107	181	303	542	505	641	674	569	810	658
Chernivtsi	6	10	8	21	44	52	34	53	63	48
Chernihiv	7	12	61	410	468	576	634	692	707	668
city										
Sevastopol	...	...	0	...	...	...	...	...	...	...

¹ See the footnote to Table 16.15

16.26. Output of potatoes, by region

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	19838	19462	18705	20839	22208	22504	20269	20838	21356	20899
Autonomous Republic of Crimea	250	159	363	...	...	...	...	...	...	...
oblasts										
Vinnitsya	1418	1523	1580	1837	1885	1908	1827	1908	1595	1747
Volyn	1194	975	986	1099	1139	1164	1174	1201	1209	1366
Dnipropetrovsk	683	584	434	560	568	524	434	466	707	795
Donetsk	763	720	474	398	447	344	358	417	461	169
Zhytomyr	1065	1111	1166	1177	1648	1879	1599	1774	1879	1897
Zakarpattia	478	544	501	546	531	530	495	478	482	515
Zaporizhzhya	291	329	269	258	226	190	219	178	222	117
Ivano-Frankivsk	845	755	766	942	1000	1010	1008	999	1024	1046
Kyiv	1351	1121	1496	1434	1701	1830	1506	1549	1519	1558
Kirovohrad	317	532	416	525	560	576	503	515	532	504
Luhansk	359	670	340	208	299	232	209	214	201	208
Lviv	1510	1297	1259	1622	1694	1698	1573	1601	1681	1831
Mykolayiv	73	213	171	196	183	171	177	207	311	176
Odesa	316	406	541	495	393	305	381	361	324	297
Poltava	694	950	819	1138	997	1096	996	1004	1082	1262
Rivne	876	912	1066	1228	1311	1311	1285	1286	1298	1315
Sumy	928	917	980	1068	1107	1000	951	902	796	892
Ternopil	1043	682	831	928	991	1036	960	914	1045	965
Kharkiv	1183	1270	475	1029	1078	1079	843	713	663	338
Kherson	295	207	250	287	271	296	259	280	426	...
Khmelnyskiy	1077	978	1084	1065	1385	1387	1096	1280	1169	1179
Cherkasy	940	929	760	778	732	916	632	729	905	951
Chernivtsi	418	420	496	586	615	614	579	597	637	626
Chernihiv	1471	1258	1178	1435	1447	1408	1205	1265	1188	1141
city										
Sevastopol	...	...	4	...	...	...	...	...	...	...

16.27. Output of vegetable crops, by region

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	5821	7295	8122	9214	9286	9440	9688	9653	9935	7512
Autonomous Republic of Crimea	186	128	395	...	...	...	...	...	...	...
oblasts										
Vinnitsya	196	293	311	461	483	461	456	430	503	500
Volyn	111	215	249	276	303	280	282	280	274	292
Dnipropetrovsk	433	494	560	728	703	749	727	684	793	674
Donetsk	444	475	415	208	233	236	270	241	288	112
Zhytomyr	194	203	209	272	327	340	394	403	377	350
Zakarpattia	123	218	246	267	271	284	271	281	260	272
Zaporizhzhya	231	298	282	436	352	274	274	254	256	107
Ivano-Frankivsk	134	127	122	170	174	178	181	185	193	198
Kyiv	295	402	455	511	581	604	566	566	708	669
Kirovohrad	213	269	218	235	243	258	261	254	259	256
Luhansk	249	278	257	163	187	164	178	148	154	147
Lviv	269	380	412	484	511	513	709	807	829	847
Mykolayiv	174	267	354	483	555	516	478	575	630	148
Odesa	301	526	474	437	288	271	289	247	241	277
Poltava	199	350	406	517	402	524	546	563	567	557
Rivne	134	171	216	214	268	265	269	275	273	274
Sumy	138	140	154	189	184	201	203	205	209	213
Ternopil	140	145	194	255	274	265	283	273	270	281
Kharkiv	416	523	464	690	688	694	676	579	568	279
Kherson	421	526	841	1252	1269	1317	1320	1316	1231	...
Khmelnyskiy	155	225	209	187	269	263	249	225	224	230
Cherkasy	344	296	281	365	313	355	359	388	379	397
Chernivtsi	146	184	219	222	234	238	248	254	256	238
Chernihiv	175	162	175	192	174	190	199	220	193	194
city										
Sevastopol	...	...	4	...	...	...	...	...	...	...

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16.28. Output of fruit and berry crops, by region

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	1453	1690	1747	2153	2048	2571	2119	2024	2235	1995
Autonomous Republic of Crimea	133	59	102	...	...	...	...	...	...	...
oblasts										
Vinnitsya	73	185	189	292	234	332	235	219	271	230
Volyn	39	28	34	38	37	43	40	39	41	41
Dnipropetrovsk	196	166	131	145	141	185	154	122	151	133
Donetsk	158	228	102	105	107	106	85	87	95	38
Zhytomyr	24	35	31	51	40	57	47	43	50	50
Zakarpattia	104	66	97	138	119	179	133	101	109	106
Zaporizhzhya	58	81	59	67	62	85	52	44	64	27
Ivano-Frankivsk	25	32	39	47	51	61	53	57	61	57
Kyiv	22	25	52	72	61	77	62	76	91	82
Kirovohrad	24	22	27	28	32	38	30	29	23	29
Luhansk	53	38	17	34	34	75	57	60	63	56
Lviv	90	74	90	107	114	137	123	141	131	142
Mykolayiv	24	37	38	36	29	43	28	25	29	17
Odesa	66	114	74	85	90	109	107	88	96	98
Poltava	22	40	101	106	112	126	121	124	122	124
Rivne	35	52	86	99	81	87	90	93	93	93
Sumy	5	9	14	17	17	21	18	17	17	18
Ternopil	11	21	18	71	64	88	81	83	102	101
Kharkiv	34	71	65	88	82	81	59	49	49	23
Kherson	65	59	59	65	66	74	57	45	39	...
Khmelnyskiy	78	149	158	205	226	237	205	202	218	205
Cherkasy	36	24	37	57	37	62	47	42	36	48
Chernivtsi	53	63	97	179	193	246	221	217	265	258
Chernihiv	25	12	16	21	19	22	14	21	19	19
city										
Sevastopol	...	...	14	...	...	...	...	...	...	...

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16.29. Output of grapes, by region

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	513,8	442,6	407,9	386,3	409,6	467,6	366,3	281,0	264,1	257,9
Autonomous Republic of Crimea	179,4	116,3	90,5	...	...	...	...	...	...	...
oblasts										
Vinnitsya	0,7	2,1	2,6	4,3	4,2	4,3	3,6	3,7	3,5	3,7
Volyn	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Dnipropetrovsk	5,3	6,6	6,7	5,2	5,4	6,0	7,3	9,6	7,5	7,9
Donetsk	16,1	11,5	6,6	3,0	5,5	6,0	6,3	5,2	5,0	2,4
Zhytomyr	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Zakarpattia	41,9	27,2	20,3	27,2	25,3	26,6	26,7	26,8	29,9	30,8
Zaporizhzhya	3,1	4,7	5,9	5,0	7,3	7,3	7,7	4,9	3,8	1,9
Ivano-Frankivsk	0,7	0,7	0,7	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Kyiv	0,1	0,2	0,6	1,9	2,4	2,8	2,9	2,6	2,7	2,6
Kirovohrad	1,5	0,6	1,6	2,4	2,8	3,3	3,3	3,2	3,0	3,2
Luhansk	1,4	1,1	0,9	1,3	2,0	2,7	2,9	2,7	2,8	2,4
Lviv	1,4	1,2	1,2	1,4	1,4	1,4	1,4	1,3	1,3	1,4
Mykolayiv	30,2	37,4	38,9	50,8	51,3	62,1	30,6	21,9	17,8	34,5
Odesa	201,4	193,3	175,1	238,7	253,6	296,7	241,7	169,8	169,0	158,3
Poltava	0,4	0,6	1,8	1,9	1,9	2,4	2,7	2,7	2,7	2,7
Rivne	0,1	0,2	0,2	0,2	0,2	0,2	0,3	0,3	0,3	0,3
Sumy	0,2	0,3	0,2	0,2	0,2	0,2	0,2	0,3	0,2	0,2
Ternopil	0,0	0,1	0,1	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Kharkiv	1,1	0,4	0,6	0,6	0,6	0,7	0,7	0,7	0,6	0,3
Kherson	26,3	36,1	29,3	36,9	40,8	39,0	22,4	20,1	9,2	...
Khmelnyskiy	0,3	0,3	0,5	0,6	0,7	0,7	0,7	0,6	0,6	0,6
Cherkasy	0,5	0,5	0,8	1,8	1,0	2,2	2,0	1,7	1,2	1,6
Chernivtsi	1,0	0,7	0,9	1,1	1,2	1,2	1,2	1,2	1,2	1,3
Chernihiv	0,3	0,1	0,1	0,4	0,4	0,4	0,3	0,3	0,4	0,4
city										
Sevastopol	...	...	21,4	...	...	...	...	...	...	...

16.30. Yields of agricultural crops in 1940–2022

(1 ha; centner)

	Grain and leguminous crops	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops	Fruit and berry crops	Grapes
1940	12,4	159	13,1	101	113	22,8	21,8
1950	10,2	168	8,1	107	62	21,2	13,1
1955	15,5	199	14,8	79	103	26,1	27,1
1960	15,5	199	10,6	89	103	22,1	34,3
1965	18,8	221	14,3	86	112	31,2	35,9
1970	22,8	252	14,8	99	120	25,9	37,6
1975	19,8	203	13,6	88	116	29,5	59,1
1980	22,5	213	13,0	79	146	28,7	51,0
1985	24,2	234	14,6	133	148	47,2	32,1
1990	35,1	276	15,8	117	149	42,7	58,3
1995	24,3	205	14,2	96	120	29,8	33,2
2000	19,4	177	12,2	122	112	38,4	51,7
2005	26,0	248	12,8	128	157	63,7	54,9
2010	26,9	279	15,0	132	174	78,2	60,3
2015	41,1	436	21,6	161	206	104,5	92,3
2016	46,1	482	22,4	166	211	101,9	88,4
2017	42,5	475	20,2	168	208	103,1	99,3
2018	47,4	509	23,0	171	214	128,4	114,9
2019	49,1	461	25,6	155	214	108,1	92,7
2020	42,5	416	20,2	157	207	105,6	75,6
2021	53,9	479	24,6	166	215	117,3	76,1
2022	45,8	541	21,6	174	200	116,1	89,0

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16.31. Yields of agricultural crops

(1 ha; centner)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Grain and leguminous crops	19,4	26,0	26,9	41,1	42,5	47,4	49,1	42,5	53,9	45,8
Winter crops	19,4	27,5	25,9	37,6	41,1	36,6	40,8	37,2	44,8	38,3
Including										
wheat	20,0	29,0	27,1	38,9	41,2	37,3	41,6	38,0	45,4	39,3
rye	15,2	17,3	16,6	25,9	29,7	26,6	28,9	33,3	34,6	30,8
barley	18,9	21,2	22,4	31,2	34,4	33,5	36,7	32,7	42,7	33,0
Summer crops	19,5	24,6	28,2	45,1	46,3	58,2	57,9	47,7	63,6	53,4
of which										
wheat	15,4	21,8	21,0	35,1	37,9	35,8	39,7	37,1	41,7	38,0
barley	18,6	20,6	18,3	28,5	32,4	27,5	32,4	31,8	34,3	31,5
oats	18,3	17,6	14,8	23,2	23,9	21,4	23,2	25,6	26,2	24,6
corn	30,1	43,2	45,1	57,1	55,1	78,4	71,9	56,2	76,8	63,5
millet	11,6	11,7	13,7	18,9	15,0	14,6	18,1	16,1	23,5	18,4
buckwheat	9,1	6,9	6,7	10,0	9,7	12,1	12,3	11,6	11,5	12,2
rice	35,6	43,4	50,5	53,4	50,5	54,9	52,2	54,0	49,3	41,7
legumes crops	17,0	18,9	15,1	20,4	24,6	17,2	20,4	19,3	21,9	19,1
Factory sugar beets	177	248	279	436	475	509	461	416	479	541
Sunflowers	12,2	12,8	15,0	21,6	20,2	23,0	25,6	20,2	24,6	21,6
Rape and colza	8,4	14,6	17,0	25,9	27,9	26,5	25,6	23,0	29,3	28,7
Soya	10,6	14,5	16,2	18,4	19,7	25,8	22,9	20,5	26,4	22,6
Potatoes	122	128	132	161	168	171	155	157	166	174
Vegetable crops	112	157	174	206	208	214	214	207	215	200
Fodder roots	238	273	276	289	298	305	302	288	294	308
Fodder corn	131	163	160	222	227	269	259	248	316	294
Annual hay grass	22,4	27,5	32,0	36,6	39,2	40,1	41,4	38,6	41,7	38,9
Perennial hay grass	20,6	29,7	35,8	38,1	40,9	42,3	42,5	41,0	42,5	41,9
Fruit and berry crops	38,4	63,7	78,2	104,5	103,1	128,4	108,1	105,6	117,3	116,1
Grapes	51,7	54,9	60,3	92,3	99,3	114,9	92,7	75,6	76,1	89,0

16.32. Yields of grain and leguminous crops in 2022, by region

(1 ha; centner)

	Grain and leguminous crops	Including					
		wheat	rye	barley	oats	corn	millet
Ukraine	45,8	39,3	30,9	32,2	24,6	63,5	18,4
Autonomous Republic of Crimea	...	...	...	...	...	...	...
oblasts							
Vinnitsya	44,4	40,3	39,1	35,1	27,1	51,4	19,9
Volyn	44,7	43,8	27,5	33,7	21,3	83,9	28,8
Dnipropetrovsk	32,1	32,3	27,5	27,5	20,7	37,1	11,1
Donetsk	29,6	31,0	30,5	24,3	c	34,3	11,2
Zhytomyr	43,3	40,4	32,4	36,1	26,6	54,3	17,5
Zakarpattia	38,6	35,8	c	29,6	24,7	41,9	—
Zaporizhzhya	26,9	28,1	34,0	25,5	c	28,1	5,9
Ivano-Frankivsk	58,3	50,2	27,0	44,6	26,9	79,3	c
Kyiv	48,7	38,4	28,8	32,1	24,4	61,6	13,8
Kirovohrad	45,2	42,3	31,8	35,7	18,2	53,7	19,0
Luhansk	29,9	33,6	27,9	24,1	22,1	28,0	12,7
Lviv	58,5	51,3	33,8	50,0	27,0	87,5	c
Mykolayiv	30,3	32,0	c	27,2	22,7	34,4	10,9
Odesa	26,0	26,3	24,5	25,6	16,2	28,8	7,7
Poltava	57,5	41,3	33,2	34,4	28,1	72,4	31,2
Rivne	49,9	45,3	29,2	39,1	26,2	75,3	9,6
Sumy	64,4	53,6	34,9	38,0	25,8	80,4	32,4
Ternopil	59,7	53,2	26,1	44,9	29,8	88,5	c
Kharkiv	42,3	38,8	29,2	34,4	28,0	60,6	27,8
Kherson ¹	31,9	31,6	—	32,9	26,5	57,4	c
Khmelnyskiy	63,4	56,4	39,7	45,1	26,5	81,2	20,0
Cherkasy	56,5	46,4	36,4	39,9	26,6	66,3	35,9
Chernivtsi	54,0	41,2	43,1	31,8	27,8	70,0	c
Chernihiv	62,8	48,4	32,5	40,9	22,8	76,3	16,8
city							
Sevastopol	...	...	...	...	...	...	...

¹ See the footnote to Table 16.15.

16.33. Yields of agricultural crops in 2022, by region

(1 ha; centner)

	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops	Fruit and berry crops
Ukraine	541,2	21,6	173,5	200,3	116,1
Autonomous Republic of Crimea	...	...	...	...	...
oblasts					
Vinnitsya	487,4	22,9	165,4	213,4	106,1
Volyn	522,4	20,5	160,1	215,3	100,4
Dnipropetrovsk	–	18,2	135,7	202,5	96,6
Donetsk	288,4	20,9	117,9	170,5	127,6
Zhytomyr	502,6	20,7	209,7	220,6	121,1
Zakarpattia	–	17,3	170,0	218,7	84,3
Zaporizhzhya	–	13,5	120,0	191,3	66,7
Ivano-Frankivsk	c	27,8	173,0	180,8	76,1
Kyiv	358,1	22,3	190,4	196,0	99,6
Kirovohrad	560,7	21,7	126,4	152,3	71,0
Luhansk	–	16,8	194,4	270,5	145,0
Lviv	738,4	25,1	185,2	196,2	104,6
Mykolayiv	–	15,4	113,9	157,8	61,5
Odesa	–	13,5	126,5	200,3	136,2
Poltava	478,5	28,1	232,7	228,5	238,0
Rivne	551,2	22,3	181,5	214,6	138,2
Sumy	–	26,2	164,4	185,3	57,3
Ternopil	595,7	32,0	177,3	242,9	169,3
Kharkiv	–	22,9	129,1	173,5	45,8
Kherson	–	13,8 ¹	...	...	...
Khmelnyskiy	608,9	28,9	192,1	210,1	167,6
Cherkasy	462,7	26,7	181,7	204,2	99,1
Chernivtsi	c	25,6	178,0	182,7	169,2
Chernihiv	595,7	23,2	166,0	176,3	66,8
city					
Sevastopol	...	...	...	...	...

¹ See the footnote to Table 16.15.

16.34. Use of fertilisers in enterprises¹

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Mineral fertilisers (in nutrients)										
Amounts of fertilizers used for harvest, thsd.t	281,9	560,5	1064,2	1415,0	2028,1	2150,6	2142,5	2488,7	2584,1	1831,9
Including	278,7	557,9	1060,6	1412,0	2023,8	2147,4	2138,5	2483,9	2579,5	1828,1
for seeds of agricultural crops	4,6	7,8	12,6	14,5	16,5	16,1	16,4	16,4	16,8	12,7
Fertilized area, mln.ha	22	45	70	81	89	91	91	93	92	88
Share of area fertilizer-treated, percent										
Amounts of fertilizers used for harvest, per 1 ha of area, kg	13	32	58	79	110	121	119	140	142	126
sown area revised	60	72	84	98	123	134	131	152	154	144
tilled area	281,9	560,5	1064,2	1415,0	2028,1	2150,6	2142,5	2488,7	2584,1	1831,9
Organic fertilizers										
Amounts of fertilizers used for harvest, thsd.t	28964,1	13387,3	9963,6	9662,7	9273,9	10674,7	10429,8	10222,9	10745,9	9728,2
Including	28410,1	13245,8	9874,1	9636,3	9250,3	10643,6	10405,7	10210,0	10721,0	9716,2
for seeds of agricultural crops	0,7	0,5	0,4	0,4	0,5	0,8	0,8	1,0	1,0	0,7
Fertilized area, mln.ha	3	3	2	3	3	4	4	5	6	5
Share of area fertilizer-treated, percent										
Amounts of fertilizers used for harvest, per 1 ha of area, kg	1325	767	544	539	502	599	578	576	590	670
sown area revised	39762	28473	24350	21811	18368	13633	13419	10600	10381	13222
tilled area	28964,1	13387,3	9963,6	9662,7	9273,9	10674,7	10429,8	10222,9	10745,9	9728,2

¹ By the range of enterprises defined by statistical methodology

16.35. Utilization of pesticides at enterprises¹

	2018	2019	2020	2021	2022
Amounts of pesticides used for harvest, thsd.t	25,3	24,3	24,6	27,0	19,4
including for seeds of agricultural crops	24,8	23,9	24,2	26,5	19,1
Area treated with pesticides, mln.ha	16,0	16,1	16,2	16,6	12,9
Share of pesticide-laden area, percent	89,4	89,5	91,3	91,4	89,0
Amounts of pesticides used for harvest, per 1 ha of area, kg					
sown area revised	1,4	1,3	1,4	1,5	1,3
tilled area	1,6	1,5	1,5	1,6	1,5

¹ See the footnote to Table 16.34

CATTLE RAISING

16.36. Number of livestock animals in 1915–2022

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats		Horses	Poultry, mln. heads
	Total	of which cows		total	of which sheep		
1915	9132	4116	6469	6904	6849	6454	...
1940	10996	5965	9186	7325	6700	4674	...
1950	11182	4812	7766	6740	5465	2245	...
1955	12424	6209	11736	9261	8052	2199	95,8
1960	17632	7814	18194	10631	10062	1840	129,6
1965	21324	8481	18920	9342	8646	1537	120,5
1970	21352	8563	20746	8971	8614	1322	155,2
1975	24180	8978	16847	9115	8863	1057	168,3
1980	25368	9271	19783	9051	8815	837	233,6
1985	26638	8851	20088	9222	8879	827	252,6
1990	24623	8378	19427	8419	7896	738	246,1
1995	17557	7531	13144	4099	3209	756	149,8
2000	9424	4958	7652	1875	963	701	123,7
2005	6514	3635	7053	1630	872	555	162,0
2010	4494	2631	7960	1732	1101	414	203,8
2015	3750	2167	7079	1325	744	306	204,0
2016	3682	2109	6669	1315	719	292	201,7
2017	3531	2018	6110	1309	727	265	204,8
2018	3333	1919	6025	1269	699	244	211,7
2019	3092	1789	5727	1205	659	224	220,5
2020	2874	1673	5876	1140	621	202	200,6
2021	2644	1544	5609	1094	607	181	202,2
2022	2307	1353	4948	941	519	159	180,5

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16.37. Number of livestock animals, by category of enterprises

(end of year; thsd. heads)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
All categories										
Cattle	9424	6514	4494	3750	3531	3333	3092	2874	2644	2307
of which cows	4958	3635	2631	2167	2018	1919	1789	1673	1544	1353
Pigs	7652	7053	7960	7079	6110	6025	5727	5876	5609	4948
Sheep and goats	1875	1630	1732	1325	1309	1269	1205	1140	1094	941
of which sheep	963	872	1101	744	727	699	659	621	607	519
Poultry, mln. heads	123,7	162,0	203,8	204,0	204,8	211,7	220,5	200,6	202,2	180,5
Enterprises										
Cattle	5037	2492	1526	1270	1167	1138	1050	1008	1003	942
of which cows	1851	866	589	505	467	468	439	424	425	394
Pigs	2414	2602	3625	3704	3304	3395	3300	3629	3577	3144
Sheep and goats	413	271	299	187	187	182	169	151	168	141
of which sheep	412	269	295	181	178	173	159	140	156	127
Poultry, mln. heads	25,3	66,6	110,5	112,0	112,5	118,8	127,8	109,7	113,5	101,8
Agricultural holdings of households										
Cattle	4387	4022	2968	2480	2364	2195	2042	1866	1641	1365
of which cows	3107	2769	2042	1662	1551	1451	1350	1249	1119	959
Pigs	5238	4451	4335	3375	2806	2630	2427	2247	2032	1804
Sheep and goats	1462	1359	1433	1138	1122	1087	1036	989	926	800
of which sheep	551	603	806	563	549	526	500	481	451	392
Poultry, mln. heads	98,4	95,4	93,3	92,0	92,3	92,9	92,7	90,9	88,7	78,7

16.38. Number of livestock animals in 2022, by region

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry, mln. heads
	total	of which cows			
Ukraine	2307	1353	4948	941	180,5
Autonomous Republic of Crimea	...	...	...	...	...
oblasts					
Vinnysya	175	97	183	25	36,3
Volyn	100	67	223	20	5,9
Dnipropetrovsk	82	46	275	39	19,7
Donetsk	8	5	137	4	0,6
Zhytomyr	126	82	110	19	6,7
Zakarpattia	109	71	218	130	3,4
Zaporizhzhya	16	9	43	10	1,0
Ivano-Frankivsk	102	62	304	28	4,0
Kyiv	105	51	640	39	21
Kirovohrad	70	41	190	27	4,1
Luhansk	20	11	15	17	0,5
Lviv	99	64	464	27	11,1
Mykolayiv	53	33	64	37	1,5
Odesa	133	83	135	257	1,7
Poltava	182	98	246	43	5,3
Rivne	77	57	222	19	7,9
Sumy	90	50	71	24	3,6
Ternopil	130	84	374	19	4,9
Kharkiv	79	39	60	24	2,7
Kherson	9	5	3	1	0,3
Khmelnyskiy	220	122	365	46	7,2
Cherkasy	127	60	308	25	24,4
Chernivtsi	66	44	108	41	3,5
Chernihiv	129	72	190	20	3,2
city					
Sevastopol	...	...	...	...	...

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16.39. Output of animal products in 1940–2022

	Meat (slaughter weight), thsd.t	Milk, thsd.t	Eggs, mln.pcs	Wool, t
1940	1127	7114	3273	13454
1950	1195	6804	3490	11884
1955	1351	9670	4292	17980
1960	2068	13995	7187	27583
1965	2221	16629	6941	22063
1970	2850	18712	9202	24837
1975	3516	21287	12429	28773
1980	3500	21112	14606	27243
1985	3918	23039	16645	28701
1990	4358	24508	16287	29804
1995	2294	17274	9404	13926
2000	1663	12658	8809	3400
2005	1597	13714	13046	3195
2010	2059	11249	17052	4192
2015	2323	10615	16783	2270
2016	2324	10382	15100	2072
2017	2318	10281	15506	1967
2018	2355	10064	16132	1908
2019	2492	9663	16678	1734
2020	2478	9264	16167	1573
2021	2438	8714	14071	1497
2022	2207	7768	11922	1237

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16.40. Output of animal products, by category of enterprises

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
All categories										
Meat (slaughter weight), thsd.t	1663	1597	2059	2323	2318	2355	2492	2478	2438	2207
of which										
beef and veal	754	562	428	384	363	359	370	345	311	268
pork	676	494	631	760	736	703	708	697	724	659
poultry	193	497	954	1144	1185	1259	1382	1405	1374	1253
Milk, thsd.t	12658	13714	11249	10615	10281	10064	9663	9264	8714	7768
Eggs, mln.pcs	8809	13046	17052	16783	15506	16132	16678	16167	14071	11922
Wool, t	3400	3195	4192	2270	1967	1908	1734	1573	1497	1237
Enterprises										
Meat (slaughter weight), thsd.t	438	588	1134	1464	1483	1534	1698	1704	1720	1608
of which										
beef and veal	305	154	105	94	95	88	102	85	78	81
pork	91	111	256	400	373	360	385	385	432	407
poultry	36	320	772	968	1014	1085	1210	1232	1209	1119
Milk, thsd.t	3669	2582	2217	2669	2766	2755	2728	2761	2768	2644
Eggs, mln.pcs	2977	6458	10249	9762	8365	8900	9358	8913	7013	5786
Wool, t	1311	692	710	314	255	236	200	146	151	94
Agricultural holdings of households										
Meat (slaughter weight), thsd.t	1225	1009	925	859	835	821	794	774	718	599
of which										
beef and veal	449	408	323	290	268	271	268	260	233	187
pork	585	383	375	360	363	343	323	312	292	252
poultry	157	177	182	176	171	174	172	173	165	134
Milk, thsd.t	8989	11132	9032	7946	7515	7309	6935	6503	5946	5124
Eggs, mln.pcs	5832	6588	6803	7021	7141	7232	7320	7254	7058	6136
Wool, t	2089	2503	3482	1956	1712	1672	1534	1427	1346	1143

16.41. Share of animal products production by household holdings

(percentage of total volume)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Meat (slaughter weight)	73,7	63,2	44,9	37,0	36,0	34,9	31,9	31,2	29,5	27,1
Milk	71,0	81,2	80,3	74,9	73,1	72,6	71,8	70,2	68,2	66,0
Eggs	66,2	50,5	39,9	41,8	46,1	44,8	43,9	44,9	50,2	51,5
Wool	61,4	78,3	83,1	86,2	87,0	87,6	88,5	90,7	89,9	92,4

16.42. Per capita animal products production

(kg)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Meat (slaughter weight)	34	34	45	54	55	56	59	59	59	...
Milk	257	291	245	248	242	238	230	222	211	...
Eggs, pcs	179	277	372	392	365	382	397	387	340	...
Wool	0,1	0,1	0,1	0,1	0,1	0,0	0,0	0,0	0,0	...

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16.43. Output of meat, by region

(slaughter weight; thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	1663	1597	2059	2323	2318	2355	2492	2478	2438	2207
Autonomous Republic of Crimea	69	115	144	...	...	...	...	...	...	...
oblasts										
Vinnitsya	93	49	62	309	320	351	459	473	471	478
Volyn	43	59	94	121	113	114	115	118	117	108
Dnipropetrovsk	85	118	207	230	258	247	254	259	290	263
Donetsk	86	89	103	90	86	85	84	85	85	51
Zhytomyr	64	45	48	53	53	55	57	55	52	43
Zakarpattia	45	44	50	53	55	57	58	56	52	51
Zaporzhzhya	74	52	57	61	52	49	46	44	41	18
Ivano-Frankivsk	52	56	64	86	80	85	91	94	97	98
Kyiv	116	165	193	216	233	228	217	215	150	149
Kirovohrad	53	45	46	53	51	51	50	52	52	50
Luhansk	51	48	45	22	11	7	9	8	9	6
Lviv	69	82	115	120	127	131	130	129	147	147
Mykolayiv	49	28	29	33	30	34	31	28	25	21
Odesa	89	51	46	49	45	42	39	36	32	30
Poltava	67	40	50	76	74	69	71	63	68	69
Rivne	60	46	50	54	56	58	56	54	55	50
Sumy	68	56	40	44	44	45	47	46	39	23
Ternopil	48	40	37	55	54	57	58	57	68	71
Kharkiv	84	95	83	94	86	81	88	88	73	28
Kherson	56	40	42	49	40	41	40	37	33	7
Khmelnyskiy	74	48	48	65	65	67	68	61	64	66
Cherkasy	74	102	326	314	312	330	349	343	348	314
Chernivtsi	29	31	39	41	40	40	41	42	37	34
Chernihiv	65	53	40	35	33	31	34	35	33	32
city										
Sevastopol	...	...	1	...	...	...	...	...	...	...

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16.44. Output of milk, by region

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	12658	13714	11249	10615	10281	10064	9663	9264	8714	7768
Autonomous Republic of Crimea	403	347	348	...	...	...	...	...	...	...
oblasts										
Vinnitsya	655	849	836	838	851	825	763	730	686	631
Volyn	458	551	450	425	412	391	369	354	338	324
Dnipropetrovsk	522	494	340	345	301	294	285	275	246	229
Donetsk	473	514	339	228	190	186	174	156	144	62
Zhytomyr	656	732	578	578	548	553	518	506	488	464
Zakarpattya	360	396	392	358	325	346	350	337	312	298
Zaporizhzhya	354	384	262	261	261	244	220	202	181	106
Ivano-Frankivsk	523	576	466	474	464	441	429	410	393	370
Kyiv	679	693	451	446	436	433	396	384	368	321
Kirovohrad	385	395	343	311	306	308	300	272	269	273
Luhansk	318	409	284	159	125	127	114	111	102	73
Lviv	1032	930	656	571	528	507	481	460	425	388
Mykolayiv	347	432	364	344	342	325	299	279	246	197
Odesa	532	606	404	385	349	335	321	309	291	287
Poltava	589	754	701	794	792	762	759	734	691	663
Rivne	436	502	433	437	433	397	358	337	283	274
Sumy	480	498	431	418	416	411	396	386	355	293
Ternopil	506	485	417	461	451	450	455	468	463	494
Kharkiv	540	567	467	524	522	527	519	470	427	212
Kherson	320	357	306	300	293	284	283	266	238	65
Khmelnyskiy	657	722	608	581	597	624	636	652	654	673
Cherkasy	499	519	479	530	508	484	467	461	436	442
Chernivtsi	333	368	308	294	282	273	260	248	236	227
Chernihiv	601	634	581	553	549	537	511	457	442	402
city										
Sevastopol	...	...	5	...	...	...	...	...	...	...

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16.45. Output of eggs, by region

(mln.pcs)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	8809	13046	17052	16783	15506	16132	16678	16167	14071	11922
Autonomous Republic of Crimea	447	582	799	...	...	...	...	...	...	...
oblasts										
Vinnysya	349	570	798	857	946	918	934	868	709	606
Volyn	159	219	182	194	202	203	205	207	207	195
Dnipropetrovsk	437	881	998	924	845	842	846	761	721	673
Donetsk	854	1389	1868	629	588	696	890	921	602	245
Zhytomyr	271	441	489	590	688	696	694	706	719	691
Zakarpattya	230	299	317	340	359	391	411	395	377	367
Zaporizhzhya	345	557	740	721	682	667	679	575	372	190
Ivano-Frankivsk	236	347	731	593	353	423	487	557	276	266
Kyiv	787	1463	2007	2743	2833	3244	3310	3443	3323	2596
Kirovohrad	179	283	499	506	440	463	583	592	469	457
Luhansk	380	609	844	125	88	72	73	70	79	48
Lviv	466	548	577	537	556	561	581	579	599	602
Mykolayiv	164	314	573	284	253	240	275	201	157	136
Odesa	657	684	584	355	306	252	205	176	137	118
Poltava	405	538	620	668	746	810	829	678	630	724
Rivne	194	328	434	565	616	624	642	614	634	665
Sumy	285	371	268	415	383	391	411	394	349	262
Ternopil	234	290	370	490	483	534	588	583	533	480
Kharkiv	479	752	1101	700	555	604	707	636	481	308
Kherson	190	250	437	1578	1025	1127	870	809	658	155
Khmelnyskiy	160	193	392	1641	1308	1090	1027	973	725	884
Cherkasy	379	535	747	669	642	660	793	802	753	729
Chernivtsi	183	244	408	364	320	336	348	344	280	275
Chernihiv	339	359	257	295	289	288	290	283	281	250
city										
Sevastopol	...	...	12	...	...	...	...	...	...	...

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16.46. Productivity of livestock animals

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Average annual milk yield per cow, kg										
All categories	2359	3487	4082	4644	4820	4922	4976	5129	5155	5119
Enterprises	1588	2952	3975	5352	6025	6190	6101	6634	6863	6611
Agricultural holdings of households	2960	3643	4110	4437	4480	4559	4630	4666	4604	4569
Average annual wool yield per sheep, kg										
All categories	3,0	3,5	3,4	2,9	2,8	2,7	2,6	2,7	2,9	2,7
Enterprises	2,4	2,6	2,3	1,7	1,6	1,5	1,5	1,5	1,6	1,2
Agricultural holdings of households	3,8	3,8	3,8	3,3	3,2	3,0	2,9	3,0	3,3	3,0

16.47. Average weight of one livestock animal sold to processing enterprises

(kg)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
All categories										
Cattle	320	381	427	448	452	464	470	479	470	...
Pigs	101	112	109	112	109	111	113	113	114	...
Sheep and goats	40	44	47	50	50	52	51	50	52	...
Enterprises										
Cattle	311	375	409	439	443	456	470	478	476	...
Pigs	91	110	108	112	109	111	113	113	114	...
Sheep and goats	35	42	47	50	49	49	c	c	c	...
Agricultural holdings of households										
Cattle	328	386	452	502	491	497	469	484	438	...
Pigs	116	138	132	119	151	140	154	125	123	...
Sheep and goats	42	44	48	54	61	69	c	c	c	...

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16.48. Average annual yield of milk per cow, by region

(kg)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	2359	3487	4082	4644	4820	4922	4976	5129	5155	5119
Autonomous Republic of Crimea	2503	3415	3639	...	...	...	...	...	...	...
oblasts										
Vinnitsya	2316	3658	4570	5137	5344	5472	5585	5757	5892	5967
Volyn	2147	3239	3673	4082	4246	4446	4503	4611	4724	4891
Dnipropetrovsk	2231	3710	4018	4387	4123	3975	4075	4075	3770	4513
Donetsk	2399	4213	4438	4426	5492	5406	5307	5171	5394	2491
Zhytomyr	2121	3358	4024	4877	4977	5087	4620	4958	4976	4982
Zakarpattia	2554	2829	3582	3634	3619	3854	3872	3732	3474	3677
Zaporizhzhya	2116	4100	4041	4266	4285	4269	4283	4465	4535	3541
Ivano-Frankivsk	2475	3262	3647	4354	4630	4798	4902	5071	5166	5375
Kyiv	2597	4262	5248	6048	6628	6881	6594	6898	6970	6471
Kirovohrad	2553	3837	4630	4984	5272	5491	5716	5527	5559	6003
Luhansk	2134	3724	4296	4197	4422	4772	4510	5309	5304	4142
Lviv	3132	3590	3861	4180	4348	4514	4654	4881	5022	5085
Mykolayiv	2037	3482	3839	4110	4321	4275	4859	5092	5112	4539
Odesa	2263	3178	3697	3502	3447	3388	3331	3329	3312	3652
Poltava	2352	3963	4826	6016	6113	6120	6133	6262	6306	6378
Rivne	2131	3107	3682	4206	4523	4178	4304	4494	4238	4449
Sumy	2271	3084	4142	4940	5054	5083	5099	5366	5217	5155
Ternopil	2508	3107	3563	4561	4705	5119	5171	5352	5369	5684
Kharkiv	2137	3537	4560	5483	5572	5800	5792	5821	5783	3790
Kherson	2122	3301	3790	4163	4256	4218	4525	5073	5459	4274
Khmelnyskiy	2383	3329	3816	4175	4389	4658	4841	5119	5276	5429
Cherkasy	2389	3732	4682	5724	6012	6111	6276	6601	6615	7155
Chernivtsi	2620	3645	4084	4764	4876	4926	4890	4898	4778	4734
Chernihiv	2177	3159	4075	4735	4970	5223	5268	5233	5534	5425
city										
Sevastopol	...	...	3670	...	...	...	...	...	...	...

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16.49. Animal products supplied for processing enterprises

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
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Livestock animals (live weight)

Supply, total¹ **451,9 489,0 1442,9 1689,9 1717,6 1752,3 1891,5 1778,2 1826,9 ...**

including purchased
from

enterprises 213,4 288,7 406,6 376,5 316,6 302,7 300,0 272,7 253,4 ...

agricultural holdings
of households 238,5 200,3 106,1 18,7 25,2 24,8 21,3 10,0 11,8 ...

out of the total by type of agricultural animals

cattle 341,9 334,9 224,7 123,8 129,2 124,4 120,6 83,6 88,7 ...

pigs 74,5 107,7 230,4 325,3 329,4 308,5 317,3 303,1 318,0 ...

poultry 16,7 38,3 947,8 1203,3 1257,4 1317,8 1451,7 1389,4 1418,4 ...

Milk

Supply, total¹ **3334,8 5689,0 4793,2 4251,2 4348,3 4179,2 3800,0 3511,8 3197,8 ...**

including purchased
from

enterprises 1819,6 1874,7 2193,0 2743,7 2688,5 2719,9 2610,4 2556,0 2477,9 ...

agricultural holdings
of households 1515,2 3814,3 2544,2 1346,1 1239,3 1088,6 851,1 733,1 554,0 ...

¹ From 2010, including goods for processing and own production of processing enterprises

HUNTING

16.50. Number of hunting animals, by type

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ungulates, heads	177788	195005	238975	231294	220973	217109	217409	222920	...	...
Elk	4771	4510	5524	6439	6409	6222	6285	6214	...	...
Deer	15986	17606	19996	15985	17116	16805	17224	18019	...	...
Wild boars	36181	43119	61715	56856	37395	30262	27498	28449	...	...
Roe deer	118974	126267	147728	149729	157536	161146	164051	167744	...	...
European bisons	426	303	268	245	239	245	271	298	...	...
Fallow deer	1021	2692	3232	1339	1511	1620	1260	1290	...	...
Mouflons	370	419	420	701	765	809	820	906	...	...
Koulans	59	89	92	—	2	—	—	—	...	...
Fur animals, thsd. heads	2416,4	2348,4	2249,6	1705,5	1728,1	1716,6	1732,1	1703,1	...	...
Squirrels	59,5	62,1	66,8	62,8	64,8	64,8	64,5	67,6	...	...
Hares	1874,1	1789,8	1645,9	1224,0	1248,5	1248,5	1258,7	1227,4	...	...
Martens	53,1	59,5	63,2	57,7	57,2	55,5	54,1	54,4	...	...
Foxes	116,3	87,8	79,7	57,1	56,0	50,2	48,6	48,5	...	...
Musk-rats	146,4	172,0	187,0	121,3	111,7	107,7	110,7	108,7	...	...
Minks	3,4	3,6	5,8	7,5	8,6	13,0	12,5	12,2	...	...
Beavers	15,0	23,4	43,1	47,7	51,3	48,6	48,8	49,0	...	...
Wolves	2,8	2,6	2,7	2,1	2,3	2,2	2,1	2,0	...	...
Brown bears	0,3	0,3	0,4	0,3	0,3	0,3	0,3	0,3	...	...
Wild rabbits	0,2	0,3	0,2	0,1	0,2	0,1	0,3	0,0	...	...
Steppe marmots	76,7	69,8	67,4	48,1	50,0	49,0	54,6	55,0	...	...
Raccoon dogs	9,9	10,6	11,2	10,9	10,9	10,4	11,0	11,2	...	...
Badgers	24,7	24,7	26,5	25,8	27,9	27,7	28,4	29,4	...	...
Otters	8,7	11,7	13,4	13,9	13,7	13,8	14,0	14,4	...	...
Black polecats	20,0	21,8	25,7	19,0	17,5	17,2	16,4	16,1	...	...
Forest cats	0,6	1,0	1,2	1,2	1,3	1,4	1,4	1,4	...	...
Lynxes	0,3	0,4	0,4	0,4	0,4	0,4	0,4	0,4	...	...
Ermines	4,4	7,0	9,0	5,6	5,3	5,4	5,0	4,9	...	...
Jackals	...	...	...	0,0	0,2	0,4	0,3	0,2	...	...
Furred game, thsd. heads	9417,5	9280,9	10672,9	9756,2	9982,0	10388,2	10522,4	10474,1	...	...
including										
Partridges	1013,7	890,1	992,5	677,5	707,4	715,9	734,3	727,9	...	...
Wood grouses	3,8	3,8	3,8	3,4	3,0	3,0	3,0	3,1	...	...
Black grouses	13,3	12,7	11,0	13,7	11,9	12,5	11,7	11,2	...	...
Geese	162,2	103,7	117,5	92,2	111,9	97,4	98,0	88,0	...	...
Ducks	3125,3	2892,8	2866,2	2524,3	2560,6	2677,7	2675,5	2608,0	...	...
Pheasants	271,2	281,6	336,4	305,4	344,5	367,1	394,8	421,7	...	...
Quails	799,3	927,9	1399,2	1239,1	1290,2	1388,5	1395,8	1395,4	...	...
Hazel-grouses	16,4	21,6	23,9	20,9	19,7	18,7	18,6	19,1	...	...
Swans	55,1	21,9	19,1	27,1	29,1	30,2	32,9	33,8	...	...
Bittern	1527,4	1667,1	1892,7	1573,7	1588,2	1599,9	1582,6	1531,8	...	...
Sandpipers	1018,0	938,4	1130,1	870,1	822,1	879,5	909,0	877,5	...	...
Pigeons	1411,8	1519,3	1880,5	1934,5	2055,6	2145,7	2227,7	2317,4	...	...

AGRICULTURE, HUNTING, FORESTRY. FISHERY

FORESTRY

16.51. Forest and forested area

(source: State Service on Geodesy, Cartography and Cadaster of Ukraine; as of January 1, 2020)

Area, thsd.ha	10686,8
of which forested area	8925,8

16.52. Forest products harvesting by type

(thsd.cub.m)

	2000	2005	2010	2015	2019	2020 ¹	2021 ¹	2022 ¹
Types of round wood, total	11261,7	15244,3	16145,6	19267,7	17886,6	16773,0	16666,9	15085,1
Industrial round wood, total	5239,2	6617,0	7536,0	8302,6	9303,4	8996,3	8214,8	6395,8
coniferous species	...	...	...	6647,4	7314,8	7343,8	6552,4	4823,3
broadleaf species	...	...	...	1655,2	1988,6	1652,5	1662,4	1572,5
Low-grade wood	6022,5	8627,3	8609,6	10965,1	8583,2	7776,7	8452,1	8689,3

¹ Source: the State Forest Agency of Ukraine

16.53. Realization of forest products in 2022

(source: the State Forest Agency of Ukraine)

	Number, thsd.cub.m	Value, mln. UAH	Average selling price, UAH for cub.m
Types of round wood, total	15360,1	20476,0	1333,1
Industrial round wood, total	6502,0	15292,1	2351,9
coniferous species	4924,7	9042,4	1836,1
broadleaf species	1577,3	6249,7	3962,2
Low-grade wood	8858,1	5183,9	585,2

AGRICULTURE, HUNTING, FORESTRY. FISHERY

16.54. Timber harvesting

	Volume of the marketable timber produced, thsd.cub.m						
	2005	2010	2015	2019	2020 ¹	2021 ¹	2022 ¹
Total	15244,3	16145,6	19267,7	20869,6	16773,0	16666,9	15085,1
including							
main use							
felling	6455,9	7239,0	8391,8	7914,6	6598,6	6646,4	5848,8
forest							
harvesting and							
reproduction							
felling	8460,5	8843,4	10767,8	12721,5	10046,3	9722,9	9115,6
examina-tion							
felling	1574,0	1255,0	1101,9	1848,0	1102,3	1688,8	2181,0
sanitation							
felling	5063,7	6553,6	8994,6	9907,9	8253,5	7332,4	6316,1
other felling	327,9	63,2	108,1	233,5	128,1	297,6	120,7

¹ See the footnote to Table 16.52

16.55. Wood felling and procurement by species composition of forest range

	Procured wood, thsd.cub.m				
	2018	2019	2020 ¹	2021 ¹	2022 ¹
Total	22529,7	20869,6	17826,2	17649,4	15934,3
Conifers	15197,7	13702,8	11575,9	10825,4	8876,1
Hard-wooded					
broad leaved	5602,5	5602,8	4547,0	4813,6	5095,2
Soft-wooded					
broadleaved	1716,9	1543,7	1672,5	1971,8	1918,2
Other woody					
species	9,3	18,6	30,8	38,6	44,8

¹ See the footnote to Table 16.52

AGRICULTURE, HUNTING, FORESTRY. FISHERY

16.56. Timber harvesting, by region

	Felling area, thsd.ha					Volume of the marketable timber produced, thsd.cub.m				
	2015	2019	2020 ¹	2021 ¹	2022 ¹	2015	2019	2020 ¹	2021 ¹	2022 ¹
Ukraine	399,3	436,8	382,0	...	...	19267,7	17886,6	16773,0	16666,9	15085,1
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...	...
oblasts										
Vinnitsya	16,5	18,4	13,7	...	...	686,6	671,0	584,2	579,5	651,4
Volyn	22,2	33,4	23,9	...	...	1127,6	1291,6	1202,9	1040,1	1177,1
Dnipropetrovsk	3,2	2,7	2,8	...	...	83,6	77,3	67,2	69,5	66,7
Donetsk	3,1	4,5	3,8	...	...	88,6	66,6	52,7	53,4	17,5
Zhytomyr	58,4	68,0	63,8	...	...	3127,3	3209,0	2876,0	2710,5	2410,3
Zakarpattia	25,3	22,7	20,7	...	...	1451,2	1090,3	840,3	822,2	783,9
Zaporizhzhya	2,5	1,4	1,4	...	...	30,8	19,2	17,9	16,4	2,4
Ivano-Frankivsk	28,0	21,8	18,6	...	...	1223,6	988,1	831,4	815,3	820,5
Kyiv	23,2	35,6	36,9	...	...	1565,8	1647,4	1728,5	1611,1	1248,9
Kirovohrad	4,0	4,7	4,2	...	...	217,5	191,7	180,0	193,0	237,5
Luhansk	8,5	8,2	9,2	...	...	169,0	154,9	176,2	315,2	34,7
Lviv	24,5	23,3	19,9	...	...	1284,4	1027,8	1015,9	1129,3	1235,1
Mykolayiv	2,5	2,1	1,8	...	...	37,2	26,7	22,4	22,3	32,5
Odesa	5,9	4,1	2,2	...	...	106,2	75,0	34,1	54,4	83,4
Poltava	9,0	8,6	7,7	...	...	491,3	341,3	373,4	375,7	336,6
Rivne	34,9	42,8	39,4	...	...	1528,9	1736,5	1470,7	1431,0	1423,2
Sumy	21,2	23,0	19,9	...	...	982,6	1001,1	1002,1	994,9	820,8
Ternopil	9,7	7,6	5,7	...	...	279,9	269,0	244,9	257,9	276,0
Kharkiv	13,9	18,9	15,6	...	...	476,7	534,6	459,6	507,6	259,5
Kherson	3,1	1,2	2,0	...	...	76,6	45,2	49,1	54,9	9,4
Khmelnyskiy	14,1	15,5	14,4	...	...	698,6	741,4	649,3	710,2	753,5
Cherkasy	16,3	17,7	19,9	...	...	699,0	526,5	785,7	782,0	815,7
Chernivtsi	13,9	11,2	8,4	...	...	828,5	569,7	540,4	552,0	493,8
Chernihiv	25,3	30,5	26,1	...	...	1575,0	1474,1	1568,1	1568,5	1094,7
cities										
Kyiv	10,1	8,9	—	...	...	431,2	110,6	—	—	—
Sevastopol	...	...	...	...	...	...	...	...	...	...

¹ See the footnote to Table 16.52

16.57. Number of cut non-woof forest products

(t)

	Mushrooms	Berries	Tree sap	Hay	Nuts	Rushes	Christmas tree, thsd.pcs
1995	...	...	...	...	...	...	...
2000	54	...	1129	5373	249	...	58639,7
2005	76	4950	2155	4110	16	—	613,6
2010	474	5731	2909	2388	23	4212	646,9
2015	68	3325	2390	1142	35	4372	420,6
2016	215	5379	2122	1133	4	3425	414,7
2017	665	2491	1276	1247	6	2801	431,6
2018	262	3799	1228	733	9	2073	466,3
2019	438	2057	980	1050	45	1663	522,5
2020	54	1672	357	813	c	—	454,5
2021	142	3260	289	380	c	—	394,2
2022	499	3379	210	301	c	—	195,6

16.58. Forest reproduction

(thsd.ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Area where the work on forest cultivation was made	37,8	58,6	70,1	60,4	64,7	51,5	48,8	44,8	49,3	36,9
including by form of reproduction										
reforestation	37,8	58,6	42,3	57,9	62,5	49,3	46,6	42,5	45,6	34,1
including										
planting and sowing	29,8	45,8	...	37,9	40,6	32,4	29,9	28,0	30,2	24,6
natural reproduction	8,0	12,8	...	20,0	21,9	16,9	16,7	14,5	15,4	9,5
forest cultivation	...	...	27,8	2,5	2,2	2,2	2,2	2,3	3,7	2,8
including										
planting and sowing	...	...	...	2,5	2,1	2,2	2,2	2,3	3,2	2,0
natural reproduction	...	...	...	0,0	0,1	0,0	0,0	0,0	0,5	0,8

16.59. Afforestation by plant species composition

(ha)

	2015	2017	2018	2019	2020	2021	2022
Area where the work on forest cultivation was made	2521	2198	2257	2197	2309	3734	2768
pine	1262	1162	896	771	627	1223	1313
spruce	6	4	5	7	14	61	133
other conifers	10	1	3	21	9	53	90
oak	301	413	669	661	756	1177	622
beech	6	6	—	—	3	19	16
other hard-wooded broad leaved	844	511	547	660	787	969	373
birch	18	30	72	22	25	76	93
aspen	2	—	—	—	3	20	8
alder	27	25	20	25	57	76	83
other soft-wooded broadleaved	38	4	12	8	5	6	27
other woody species	7	40	33	22	20	49	7
shrubs	—	2	—	—	3	5	3

16.60. Areas of forest renewal by forest planting and sowing, by region

(ha)

	2000 ¹	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	29802	45855	56076	40417	42651	34656	32139	30225	30249	24554
Autonomous Republic of Crimea	89	30	1411	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	1008	1276	2791	1963	1897	1559	1403	1335	1168	1015
Volyn	1776	3093	2400	2108	2644	2408	2771	3145	2749	1754
Dnipropetrovsk	522	406	1907	246	91	92	252	309	149	180
Donetsk	403	583	1987	241	244	212	210	163	112	—
Zhytomyr	3605	5308	4282	6416	7986	5825	5694	5482	7137	7240
Zakarpattia	1687	1955	1122	1361	1140	891	822	769	758	727
Zaporizhzhya	438	624	2004	363	6	616	471	444	24	—
Ivano-Frankivsk	1577	1699	1080	1772	1732	1468	1060	897	864	696
Kyiv	2121	3437	2307	3753	3979	3562	3060	2516	2074	1273
Kirovohrad	389	844	2268	729	749	423	440	346	204	152
Luhansk	1756	4160	5849	437	959	814	982	776	1002	—
Lviv	2572	4138	2422	2413	2598	1870	1458	1206	1276	1195
Mykolayiv	292	666	2498	148	17	12	177	223	26	1
Odesa	352	389	3218	265	354	119	37	59	5	—
Poltava	552	1701	2035	1810	1593	1227	1062	931	1108	1065
Rivne	1868	2997	3505	4249	5216	4508	3748	3800	3704	3045
Sumy	1383	1921	2214	1935	1794	1464	1487	1384	1533	1249
Ternopil	760	959	839	716	645	682	630	605	368	284
Kharkiv	1587	1775	1068	844	1075	542	512	459	249	196
Kherson	105	578	1581	690	110	123	67	134	355	—
Khmelnyskiy	1120	1884	2053	1432	1473	1314	1344	1202	1044	787
Cherkasy	1020	949	1393	1313	1555	1281	1206	1081	1212	819
Chernivtsi	834	1391	1103	990	698	411	403	383	453	435
Chernihiv	1903	2894	2656	3977	3849	3002	2695	2463	2648	2417
cities										
Kyiv	82	174	51	246	247	240	148	113	27	24
Sevastopol	1	24	32	...	...	...	...	...	...	...

¹ In addition, in forests of Ukrzaliznytsya, Ukrainian Railway Corporation (Ministry of Infrastructure of Ukraine), forest planting and sowing amounted to 11 ha in 2000

AGRICULTURE, HUNTING, FORESTRY. FISHERY

16.61. Forest cultivation work and forest protection measures

(thsd.ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Area for shifting crops into the wooded lands	26,9	26,5	40,0	45,5	42,1	41,0	41,1	40,0	39,4	38,5
Area for shifting the natural renewal into the wooded lands	5,2	7,8	14,8	15,3	14,8	16,4	18,2	17,9	18,3	17,3
Planted area where the forest protection measures were implemented, total	174,3	234,8	81,9	46,0	46,1	104,5	96,6	94,7	80,5	63,9
forest protection from pests and diseases by biological method	159,1	188,6	68,4	31,6	31,4	96,9	94,4	85,6	78,4	63,9
forest protection from pests and diseases by chemical method	15,2	46,2	13,5	14,4	14,7	7,6	2,2	9,1	2,1	...
Area where the new outbreaks of forest pest and diseases were located, total	135,7	151,1	113,0	120,1	234,7	240,3	234,3	202,8	266,4	171,4
pests	98,9	100,5	46,7	60,2	147,4	133,2	138,2	110,3	160,4	72,3
diseases	36,8	50,6	66,3	59,9	87,3	107,1	96,1	92,5	106,0	99,1
Areas where the pests and forest diseases centers were liquidated due to the conducted actions and under the influence of natural factors, total	71,8	223,9	101,0	123,1	154,2	242,9	183,6	222,9	38,3	32,7
pests	41,9	191,3	48,6	68,6	89,3	164,4	115,8	121,1	25,3	21,2
diseases	29,9	32,6	52,4	54,5	64,9	78,5	67,8	101,8	13,0	11,5

16.62. Area of forest ranges dying

(ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Area of forest ranges dying	8908	12085	20864	27768	20111	15069	12398	39756	9518	12390
Including										
Pests	388	860	1295	1183	5439	8762	6223	5492	2785	3690
Diseases	1278	3294	5632	7258	2334	2464	2808	2079	1503	1429
adverse weather conditions	6421	6064	10113	8350	3065	2605	2817	3919	2524	902
forest fires	696	1437	3127	8564	8763	1085	395	28056	2607	6310
Other	125	430	697	2413	510	153 ¹	155 ¹	210 ¹	99 ¹	59 ¹

¹ In 2018, 2019, 2020 and 2021, the indicator of forest plantations loss due to other causes includes: 59 ha, 112 ha and 70 ha due to damage by wild animals, 81 ha, 41 ha and 140 ha due to anthropogenic factors, 13 ha and 2 ha due to excessive humidity

16.63. Forest fires¹

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Incidents	3696	4223	3240	3813	3131	1301	1263	2608	660	1052
Forest areas suffered from fires, thsd.ha	1,6	2,3	3,7	14,7	5,9	1,5	1,1	75,0	0,3	15,8
Losses due to forest fires, mln. UAH	1,4	3,5	26,7	20,2	45,9	29,5	6,8	19,1	2,1	300,4

¹ Since 2018, the State Emergency Service of Ukraine

AGRICULTURE, HUNTING, FORESTRY. FISHERY

FISHERY

16.64. Harvesting of water bio-resources, by type¹

(t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Water bio-resources	350087	265585	218681	88552	92645	86223	92682	76508	69873	31597
Fish	346699	234185	215017	73963	81875	64738	58096	48229	41816	22536
including										
European anchovy (Azov anchovy)	...	...	...	1244	1952	685	760	1081	294	c
Grass carp	...	...	...	485	471	518	511	594	596	461
Silverside	...	...	...	305	166	620	410	241	368	70
Bullhead	752	9607	8888	15651	22989	11770	10136	4988	2368	2
Pondweed bug	...	...	...	244	221	267	245	209	102	4
Redeye	...	...	...	147	244	202	188	140	156	120
Crucian carp	...	...	...	5305	9367	8133	8848	8443	8741	5277
Flounder	...	216	215	86	109	131	131	157	288	2
Sprat (Black and Caspian Sea)	...	...	...	1653	1443	4390	5033	4110	4021	–
Carp	8519	10531	9858	9807	9017	9184	7570	6960	6378	5656
Bream	2209	1979	2713	2948	3264	3259	3035	2742	2854	1884
Perch	...	...	...	270	432	462	526	487	421	c
Herring	73	270	485	155	98	153	375	240	430	c
Sturgeon	...	6	21	36	57	71	37	23	33	21
Mugil soiuy, mullet	5459	6035	3837	379	770	931	943	582	332	218
Silver breams	...	...	...	881	1317	1219	1201	1390	1163	815
Bruise	...	...	...	137	248	248	210	254	263	290
Fresh-water catfish	...	46	207	289	327	340	418	384	383	196
Pike-perch	1183	423	367	733	1091	1043	1034	911	924	572
Roach (dace)	2421	1077	688	2412	2712	2550	2490	2609	2596	1683
Silver carp	15239	14705	11752	11523	9115	9957	9149	8539	7672	4214
Trout	...	26	171	405	360	370	304	307	333	345
Cekhonya	...	...	...	94	133	141	118	117	113	96
Pike	...	183	197	297	332	277	308	296	193	162
Other water living resources	3388	31400	3664	14589	10770	21485	34586	28279	28057	9061
including										
Crustaceans	10	14077	41	13081	8693	15631	23164	21803	22496	9047
Molluscs	3353	17256	2732	900	1691	c	c	6475	5114	14

¹ From 2010 data include fishing by natural persons-entrepreneurs

AGRICULTURE, HUNTING, FORESTRY. FISHERY

16.65. Harvesting of water bio-resources, by region¹

(t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	350087	265585	218681	88552	92645	86223	92682	76508	69873	31597
Autonomous Republic of Crimea	126698	34269	15207	...	...	...	...	...	...	...
oblasts										
Vinnysya	1824	1817	1926	2037	1923	1974	1976	1544	1324	1189
Volyn	261	401	423	772	621	537	455	513	517	577
Dnipropetrovsk	2717	1997	1794	2035	3717	3598	3700	4427	3591	686
Donetsk	7777	10811	9887	6362	7573	6285	4315	2847	1993	68
Zhytomyr	911	833	534	609	658	838	841	412	474	320
Zakarpattia	281	388	377	402	319	316	228	147	208	133
Zaporizhzhya	3722	9668	11926	22522	25429	12849	9126	5750	3283	102
Ivano-Frankivsk	357	551	507	610	609	629	517	593	563	471
Kyiv	2002	1393	1999	3653	4392	3656	3614	3231	2135	1655
Kirovohrad	1363	1128	1553	1832	2306	2424	1137	1412	1376	1544
Luhansk	1196	370	513	c	266	173	134	156	115	—
Lviv	1312	1575	1287	809	817	875	755	656	1037	1031
Mykolayiv	2944	761	3000	1934	10572	18778	26231	23169	24862	9404
Odesa	31512	23258	19527	22245	10933	12802	17059	11313	10473	3036
Poltava	3288	2163	1379	1113	1436	1077	1279	1305	1748	1688
Rivne	504	601	486	520	512	595	367	445	470	302
Sumy	1925	2329	2112	2534	2422	2304	1888	1740	1126	655
Ternopil	286	408	745	239	307	344	412	389	349	364
Kharkiv	1025	987	1131	1248	979	1077	954	1022	719	606
Kherson	5816	6840	4801	4530	7517	5590	6476	5756	4291	c
Khmelnyskiy	700	746	176	479	623	668	607	552	539	1319
Cherkasy	5175	4448	5254	5856	5706	5823	5914	5429	6909	5789
Chernivtsi	522	464	487	1081	772	744	809	586	808	524
Chernihiv	397	707	1148	1055	638	734	599	325	123	68
cities										
Kyiv	2240	—	19193	c	1598	1533	3289	2789	840	c
Sevastopol	143332	156672	111309	...	...	...	...	...	...	...

¹ See the footnote to Table 16.64

17. CONSTRUCTION

The **construction work**, according to *the Classification of Types of Economic Activity*, State Classifier 009:2010, include general and specialised construction work of buildings and structures. This activity includes new construction, repair operations and reconstruction, construction of buildings and prefabricated structures on the site of operations as well as construction of temporary objects (Section F *Construction*).

Indices of construction produce are produced in line with international

standards by the Technique approved by SSSU decree 224 of August 2, 2005 (with changes by the decrees № 91 of the State Statistics Service of Ukraine dated on March 14, 2013 and № 61 of January 23, 2020).

Residential buildings includes dwelling: single-family house, houses with two and more apartments and boarding **houses** (including old people's homes, student's hostels and others, e.g. refugee's hostels, hostels for workers and employees, orphanages, homes for the homeless etc).

17.1. Indices of construction output

(percent of the previous year)

	2015	2017	2018	2019	2020	2021	2022
Total	87,5	126,4	108,6	123,6	105,6	106,8	35,2
Buildings	91,7	121,5	103,5	119,1	93,7	110,0	38,2
residential	98,9	116,3	100,9	104,8	83,5	119,2	40,2
non-residential	85,8	126,1	105,7	130,3	100,3	105,1	37,0
Engineering structures	83,7	131,7	113,6	127,7	115,6	104,6	33,1

17.2. Construction output, by type of construction output

(percent)

	2010	2015	2017	2018	2019	2020	2021	2022
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Buildings	45,6	50,3	50,0	47,3	46,0	39,9	39,9	43,6
residential	16,1	24,2	22,5	20,8	18,3	14,4	15,2	17,4
non-residential	29,5	26,1	27,5	26,5	27,7	25,5	24,7	26,2
Engineering structures	54,4	49,7	50,0	52,7	54,0	60,1	60,1	56,4

CONSTRUCTION

17.3. Indices of construction output, by region

(percent of the previous year)

	2015	2017	2018	2019	2020	2021	2022
Ukraine	87,5	126,4	108,6	123,6	105,6	106,8	35,2
Autonomous Republic of Crimea	...	...	...	...	...	...	...
oblasts							
Vinnitsya	104,8	113,3	144,7	177,7	98,7	120,6	...
Volyn	133,8	99,0	100,7	122,4	103,7	108,4	...
Dnipropetrovsk	91,0	136,7	125,1	128,9	86,4	98,3	...
Donetsk	41,5	105,3	136,8	125,4	135,5	94,6	...
Zhytomyr	87,7	142,4	107,3	127,6	75,6	103,9	...
Zakarpattia	115,2	150,7	104,2	122,8	82,0	76,4	...
Zaporizhzhya	97,6	132,7	120,8	96,2	78,1	101,4	...
Ivano-Frankivsk	106,3	134,4	117,9	107,8	98,3	110,8	...
Kyiv	99,7	122,3	103,9	133,9	116,3	111,9	...
Kirovohrad	104,7	166,5	85,8	121,3	64,2	78,5	...
Luhansk	49,2	74,2	87,1	101,1	103,6	90,7	...
Lviv	120,1	111,9	111,5	123,3	122,7	110,4	...
Mykolayiv	122,7	116,5	86,8	150,2	74,0	113,1	...
Odesa	80,2	149,3	111,5	111,3	149,1	103,9	...
Poltava	84,6	119,4	98,4	104,4	102,9	96,4	...
Rivne	64,7	114,4	130,9	127,3	94,5	115,6	...
Sumy	89,3	98,2	92,0	104,9	105,9	101,6	...
Ternopil	95,9	103,1	93,6	126,9	102,2	137,3	...
Kharkiv	102,5	122,9	101,5	112,9	93,1	117,2	...
Kherson	93,8	134,6	98,7	144,7	68,3	93,6	...
Khmelnyskiy	108,9	127,2	121,0	109,0	161,6	118,6	...
Cherkasy	95,4	108,9	123,8	101,4	116,8	119,2	...
Chernivtsi	89,0	109,1	93,3	138,7	99,1	64,1	...
Chernihiv	64,7	130,0	103,1	152,0	123,8	100,8	...
cities							
Kyiv	86,2	133,0	100,9	126,1	99,0	107,8	...
Sevastopol	...	...	...	...	...	...	...

CONSTRUCTION

17.4. Total area of residential buildings put into operation, by region¹

(thsd.sq.m of total size)

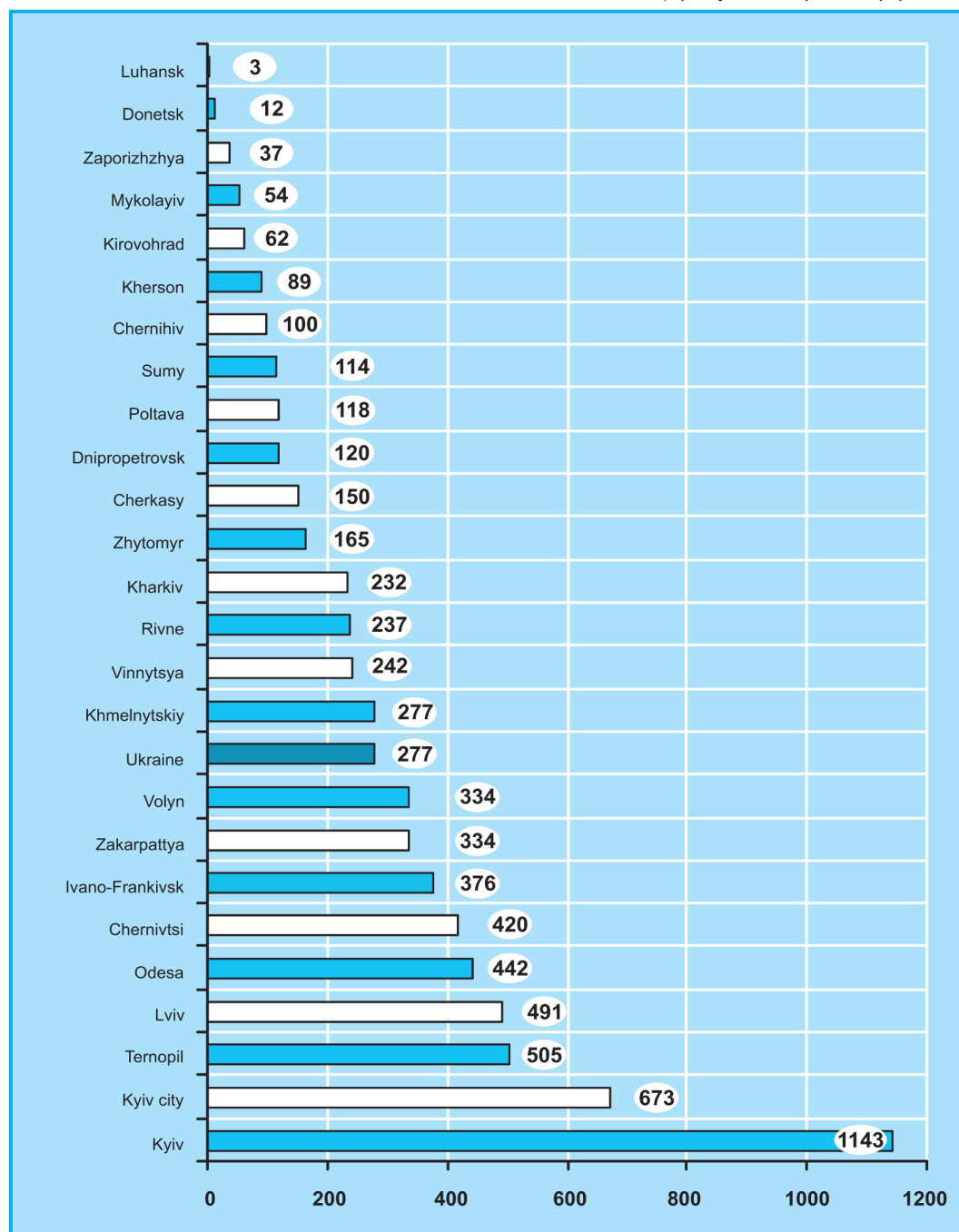
	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	5558	7816	9339	11044	9217	8689	11029	8451	11434	7110
Autonomous Republic of Crimea	179	283	535	...	...	...	...	...	...	...
oblasts										
Vinnitsya	141	350	292	391	304	224	287	322	366	404
Volyn	126	155	175	329	308	371	437	356	341	275
Dnipropetrovsk	431	375	226	340	320	284	414	259	374	182
Donetsk	344	329	293	43	38	41	63	47	48	4
Zhytomyr	118	192	201	213	124	146	196	154	196	118
Zakarpattia	213	232	293	442	368	429	507	391	416	309
Zaporizhzhya	131	159	144	101	89	68	90	53	61	19
Ivano-Frankivsk	217	332	600	856	523	404	753	506	509	493
Kyiv	337	635	1184	1864	1719	1541	1861	1733	2042	1457
Kirovohrad	78	108	98	117	41	48	71	58	56	34
Luhansk	181	253	147	22	15	16	21	15	7	1
Lviv	372	499	642	1165	889	897	1292	1016	1211	721
Mykolayiv	101	123	133	168	52	51	112	62	60	35
Odesa	268	450	640	632	683	568	1087	525	1039	694
Poltava	169	210	246	266	206	203	217	197	159	236
Rivne	107	145	207	361	360	319	352	293	271	244
Sumy	110	143	182	157	92	97	111	62	119	42
Ternopil	149	245	288	480	244	261	411	309	517	183
Kharkiv	249	367	416	384	348	529	382	315	604	43
Kherson	128	163	182	113	59	95	121	100	89	8
Khmelnyskiy	168	287	362	469	335	325	324	279	342	283
Cherkasy	109	161	187	193	133	131	173	111	175	93
Chernivtsi	116	201	294	382	187	287	490	327	374	221
Chernihiv	95	153	160	190	118	98	143	96	96	103
cities										
Kyiv	859	1201	1012	1366	1662	1256	1114	865	1962	908
Sevastopol	62	65	200	...	...	...	...	...	...	...

¹ For 2010–2016, 2018–2022 including data on housing put into service according to procedures (Ukraine's Ministry of Regional Development, Construction and Public Utilities' Decree 158 of July 3, 2018 (with changes), Decree 79 of April 24, 2015, Decree 95 of March 19, 2013 and Decree 91 of June 24, 2011, and Ukraine Cabinet of Ministers' regulation 1035 of September 09, 2009); for 2017–2021 new construction (excluding an increase in area due to reconstruction)

CONSTRUCTION

17.5. Total area of residential buildings put into operation in 2022, by region¹

(sq.m of total size per 1000 population)



¹ See the footnote to Table 17.4

CONSTRUCTION

17.6. Total area of residential buildings put into operation by types¹

	2005	2010	2015	2017	2018	2019	2020	2021	2022
--	------	------	------	------	------	------	------	------	------

Thsd.sq.m of total size

Total	7815,9	9339,3	11044,4	9217,4	8689,4	11029,3	8451,2	11433,8	7110,2
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single-family house	4385,7	6266,8	5580,0	3555,6	4247,7	5847,1	4271,8	4351,6	2783,5
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houses with two and more apartments	3410,9	3050,4	5435,2	5648,2	4434,6	5176,4	4172,3	7051,8	4320,5
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boarding houses	19,3	22,1	29,2	13,6	7,1	5,8	7,1	30,4	6,2
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Percentage of total

Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------

single-family house	56,1	67,1	50,5	38,6	48,9	53,0	50,5	38,0	39,1
------------------------	------	------	------	------	------	------	------	------	------

houses with two and more apartments	43,7	32,7	49,2	61,3	51,0	46,9	49,4	61,7	60,8
--	------	------	------	------	------	------	------	------	------

boarding houses	0,2	0,2	0,3	0,1	0,1	0,1	0,1	0,3	0,1
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¹ See the footnote to Table 17.4

CONSTRUCTION

17.7. Total area of residential buildings put into operation in urban areas, by region¹

(thsd.sq.m of total size)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	4329	6088	6304	7465	6506	5652	6806	5149	7940	4752
Autonomous Republic of Crimea	125	232	378	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	90	214	186	251	231	157	163	201	241	163
Volyn	81	114	94	165	134	161	181	136	147	123
Dnipropetrovsk	381	302	181	259	295	245	359	221	334	152
Donetsk	308	285	253	36	29	29	48	33	36	c
Zhytomyr	84	126	109	140	65	79	100	89	131	81
Zakarpattia	72	137	138	199	158	168	191	169	199	160
Zaporizhya	106	127	107	85	71	51	67	41	48	16
Ivano-Frankivsk	157	227	322	400	264	139	372	241	308	300
Kyiv	197	352	488	832	749	636	767	735	907	733
Kirovohrad	59	84	64	86	33	37	52	46	42	27
Luhansk	141	200	127	18	12	10	17	12	6	c
Lviv	248	344	404	822	648	578	819	634	762	492
Mykolayiv	92	109	119	141	47	47	99	53	51	34
Odesa	215	356	419	530	487	379	714	299	732	519
Poltava	123	161	179	181	144	129	124	115	109	204
Rivne	56	92	107	204	218	162	167	140	141	130
Sumy	83	115	145	132	78	80	90	44	104	37
Ternopil	126	200	188	300	186	161	230	204	382	112
Kharkiv	199	305	333	340	321	493	336	295	555	37
Kherson	101	122	127	81	44	73	82	69	61	5
Khmelnyskiy	117	233	277	411	302	287	258	210	284	250
Cherkasy	82	121	123	148	115	109	133	81	144	74
Chernivtsi	86	126	133	191	113	113	208	139	168	96
Chernihiv	81	141	103	147	100	73	115	77	86	95
cities										
Kyiv	859	1201	1012	1366	1662	1256	1114	865	1962	908
Sevastopol	60	62	188	...	...	...	...	...	...	...

¹ See the footnote to Table 17.4

CONSTRUCTION

17.8. Total area of residential buildings put into operation in rural areas, by region¹

(thsd.sq.m of total size)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	1229	1728	3035	3579	2711	3037	4223	3302	3494	2358
Autonomous Republic of Crimea	54	51	157	...	...	...	...	...	...	...
oblasts										
Vinnitsya	51	136	106	140	73	67	124	121	125	241
Volyn	45	41	81	164	174	210	256	220	194	152
Dnipropetrovsk	50	73	45	81	25	39	55	38	40	30
Donetsk	36	44	40	7	9	12	15	14	12	c
Zhytomyr	34	66	92	73	59	67	96	65	65	37
Zakarpattia	141	95	155	243	210	261	316	222	217	149
Zaporizhya	25	32	37	16	18	17	23	12	13	3
Ivano-Frankivsk	60	105	278	456	259	265	381	265	201	193
Kyiv	140	283	696	1032	970	905	1094	998	1135	724
Kirovohrad	19	24	34	31	8	11	19	12	14	7
Luhansk	40	53	20	4	3	6	4	3	1	c
Lviv	124	155	238	343	241	319	473	382	449	229
Mykolayiv	9	14	14	27	5	4	13	9	9	1
Odesa	53	94	221	102	196	189	373	226	307	175
Poltava	46	49	67	85	62	74	93	82	50	32
Rivne	51	53	100	157	142	157	185	153	130	114
Sumy	27	28	37	25	14	17	21	18	15	5
Ternopil	23	45	100	180	58	100	181	105	135	71
Kharkiv	50	62	83	44	27	36	46	20	49	6
Kherson	27	41	55	32	15	22	39	31	28	3
Khmelnyskiy	51	54	85	58	33	38	66	69	58	33
Cherkasy	27	40	64	45	18	22	40	30	31	19
Chernivtsi	30	75	161	191	74	174	282	188	206	125
Chernihiv	14	12	57	43	18	25	28	19	10	8
city										
Sevastopol	2	3	12	...	...	...	...	...	...	...

¹ See the footnote to Table 17.4

CONSTRUCTION

17.9. Total area of residential buildings put into operation and the number of apartments built¹

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total										
Total size, thsd.sq.m	5558	7816	9339	11044	9217	8689	11029	8451	11434	7110
in urban areas	4329	6088	6304	7465	6506	5652	6806	5149	7940	4752
in rural areas	1229	1728	3035	3579	2711	3037	4223	3302	3494	2358
Number of apartments built, thsd.	63	76	77	120	117	103	126	97	152	93
in urban areas	52	63	57	89	91	76	88	66	117	69
in rural areas	11	13	20	31	26	27	38	31	35	24
Per 1000 population										
Total size, sq.m	113	167	204	259	218	206	263	203	277	173
in urban areas	130	192	202	254	223	194	235	179	278	166
in rural areas	77	113	210	269	207	233	327	259	277	187
Number of apartments built	1,3	1,6	1,7	2,8	2,8	2,4	3,0	2,3	3,7	2,2
in urban areas	1,6	2,0	1,8	3,0	3,1	2,6	3,0	2,3	4,1	2,4
in rural areas	0,7	0,8	1,4	2,4	2,0	2,1	3,0	2,4	2,8	1,9

¹ See the footnote to Table 17.4

18. CAPITAL INVESTMENT

Capital investment is expenditure for an acquisition or production (creation) of tangible and intangible non-current assets. The calculation of investment per capita is made on the basis of average annual resident population.

Investment into tangible assets is investment into residential buildings, non-residential buildings, engineering structures, machines, equipment and tools, transport facilities, land, long-term biological assets of animal breeding and crop farming other tangible assets.

Investment into intangible assets is investment into an acquisition or creation

using one's own resources of the rights to use natural resources and property, software and databases, the rights for commercial brands, subjects of industrial property, copyrights and related rights, patents, licences, concessions, etc.

The calculation of investment per capita is made on the basis of average annual resident population.

Capital investment index is produced in line with the Technique to compile capital investment index approved by SSSU order No 303 of December 10, 2021 with changes.

CAPITAL INVESTMENT

18.1. Capital investment by type of assets

	2015	2017	2018	2019	2020	2021 ¹	2022
Mln. UAH							
Total	273116	448462	578726	623979	508217	673899	...
Investment into material assets	254731	432040	542335	600568	483324	642801	...
residential buildings	45610	53372	57396	58015	34886	51502	...
non-residential buildings	43331	65605	88846	100468	78920	104262	...
engineering structure	50949	78564	111315	149153	127995	167822	...
machines, equipment and stock	84423	154722	187651	198455	161637	207546	...
transport vehicles	19650	60124	73926	65871	50075	72719	...
land	1442	1994	1673	2230	2298	3013	...
long-term biological assets of crop growing and cattle raising	2762	3728	4528	6000	5247	5824	...
other material assets	6564	13931	17000	20376	22266	30113	...
Investment into non-material assets	18385	16422	36391	23411	24893	31098	...
including							
software and data bases	4908	8196	9476	10215	12411	16644	...
rights on commercial notations, objects of industrial ownership, author's rights (including entertainment programs and originals of literary and artistic works), patents, licences, concessions, etc ²	12654	6228	24382	8389	8389	6044	...
Percentage of total							
Total	100,0	100,0	100,0	100,0	100,0	100,0	...
Investment into material assets	93,3	96,3	93,7	96,2	95,1	95,4	...
residential buildings	16,7	11,9	9,9	9,3	6,9	7,6	...
non-residential buildings	15,9	14,6	15,4	16,1	15,5	15,5	...
engineering structure	18,7	17,5	19,2	23,9	25,2	24,9	...
machines, equipment and stock	30,9	34,5	32,4	31,8	31,8	30,8	...
transport vehicles	7,2	13,4	12,8	10,5	9,9	10,8	...
land	0,5	0,5	0,3	0,3	0,4	0,4	...
long-term biological assets of crop growing and cattle raising	1,0	0,8	0,8	1,0	1,0	0,9	...
other material assets	2,4	3,1	2,9	3,3	4,4	4,5	...
Investment into non-material assets	6,7	3,7	6,3	3,8	4,9	4,6	...
including							
software and data bases	1,8	1,8	1,6	1,6	2,4	2,5	...
rights on commercial notations, objects of industrial ownership, author's rights (including entertainment programs and originals of literary and artistic works), patents, licences, concessions, etc ²	4,6	1,4	4,2	1,3	1,7	0,9	...

¹ Information for 2021 has been compiled on the basis of the reports actually submitted by enterprises and additional estimates made for indicators

² For 2015–2019 the data are updated

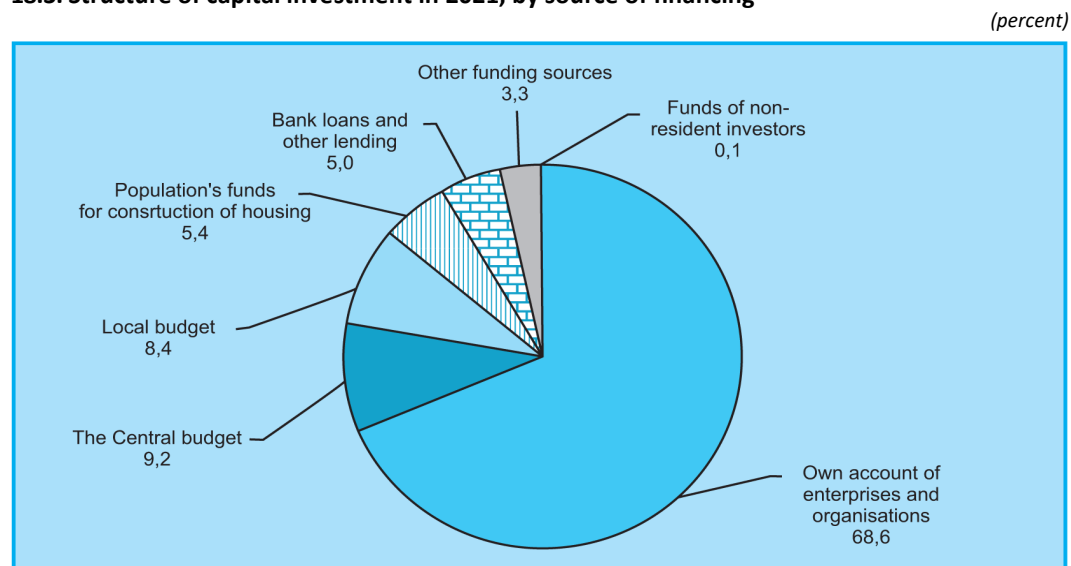
CAPITAL INVESTMENT

18.2. Structure of capital investments, by source of financing

	(percent)						
	2015	2017	2018	2019	2020 ¹	2021 ¹	2022 ¹
Total	100,0	100,0	100,0	100,0	100,0	100,0	...
including on account of							
the Central budget	2,5	3,4	3,9	4,9	8,7	9,2	...
local budgets	5,2	9,3	8,7	9,1	10,4	8,4	...
own account of enterprises and organisations	67,5	69,1	70,8	65,4	66,5	68,6	...
bank loans and other lending	7,6	6,6	7,8	10,8	6,7	5,0	...
funds of non-resident investors	3,0	1,4	0,3	0,7	0,4	0,1	...
population's funds for construction of housing	11,7	7,3	6,0	5,2	4,9	5,4	...
other funding sources	2,5	2,9	2,5	3,9	2,4	3,3	...

¹ Data for January-December

18.3. Structure of capital investment in 2021, by source of financing¹



¹ See the first footnote to Table 18.2

CAPITAL INVESTMENT

18.4. Capital investment, by type of economic activity

(mln. UAH)

	2015	2017	2018	2019	2020	2021 ¹	2022
Total	273116	448462	578726	623979	508217	673899	409660
Agriculture, forestry and fishing	30155	64243	66104	59130	50680	69950	51439
Agriculture, hunting and related services	29310	63401	65059	58555	50189	67993	49612
Forestry and logging	789	769	980	549	460	1413	1463
Fishing	56	73	65	26	31	544	364
Industry	87656	143300	199896	254196	180537	242923	126113
Construction	43464	52176	55994	62347	39615	55725	32628
Wholesale and retail trade; repair of motor vehicles and motorcycles	20663	33665	51818	44174	41685	58785	36719
Wholesale and retail trade and repair of motor vehicles and motorcycles	1469	2826	3103	3467	3628	4093	2618
Wholesale trade, except of motor vehicles and motorcycles	13536	22097	28840	22428	18075	23004	17111
Retail trade, except of motor vehicles and motorcycles	5658	8742	19875	18279	19982	31688	16990
Transport and storage, postal and courier activities	18704	37944	50078	43793	34885	43945	49533
Land and via pipeline transport	8120	22246	31006	24570	20208	27942	24726
Water transport	303	254	198	252	326	232	85
Air transport	648	1302	1528	1768	856	1598	685
Warehousing and support activities for transport	9529	13758	16962	17144	12967	13014	23288
Postal and courier activities	104	384	384	59	528	1159	749
Accommodation and food service activities	1393	2134	2675	2832	1951	2690	2183
Accommodation	890	1380	1473	983	840	954	799
Food and beverage service activities	503	754	1202	1849	1111	1736	1384
Information and communication	22975	18395	29885	21063	22382	23858	16870
Publishing, audiovisual and broadcasting activities	2304	3568	4745	5766	5194	6186	2185
Telecommunications	19537	12777	21318	11734	14297	13126	11563
IT and other information services	1134	2050	3822	3563	2891	4546	3122
Financial and insurance activities	6448	8055	10652	11246	11979	10100	8907
Real estate activities	11899	22506	27557	28147	19940	30669	14280
Professional, scientific and technical activities	4065	7965	10798	11912	11823	17126	6013
Legal, accounting, management, architecture, engineering, technical testing and analysis activities	3244	5562	7752	8301	8470	13146	2201
Scientific research and development	518	1110	1511	2058	2076	2630	3185
Advertising and market research, other professional, scientific and technical activities, veterinary activities	303	1293	1535	1553	1277	1350	627
Administrative and support service activities	6535	12747	11838	11741	8624	13163	6587
Public administration and defence, compulsory social security	13942	32844	44598	54306	62303	73983	36531
Education	1540	3493	4460	4789	3740	3866	2008
Human health and social work activities	2367	6708	8139	9485	14836	21779	17413
Arts, entertainment and recreation	1044	1649	3663	4146	2773	4423	2153
Other services	266	638	571	672	464	914	283

¹ See the first footnote to Table 18.2

CAPITAL INVESTMENT

18.5. Indices for capital investment, by type of economic activity*(percent of the previous year)*

	2015	2017	2018	2019	2020	2021	2022
Total	98,3	122,1	116,4	115,5	61,8	113,0	...
Agriculture, forestry and fishing	127,1	130,7	108,5	90,0	54,7	124,9	...
Agriculture, hunting and related services	126,1	131,2	108,4	90,4	54,6	123,5	...
Forestry and logging	166,1	100,0	115,5	60,7	65,5	245,0	...
Fishing	248,5	153,7	106,4	75,9	53,6	147,4	...
Industry	80,1	123,4	122,2	134,7	56,4	110,8	...
Construction	96,4	110,5	86,1	109,8	60,3	124,7	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	75,7	113,0	149,1	100,3	60,8	125,0	...
Wholesale and retail trade and repair of motor vehicles and motorcycles	122,8	149,0	102,5	130,6	65,2	126,7	...
Wholesale trade, except of motor vehicles and motorcycles	72,4	114,3	132,8	96,5	51,5	100,7	...
Retail trade, except of motor vehicles and motorcycles	76,8	102,9	201,0	101,4	73,5	149,5	...
Transport and storage, postal and courier activities	93,0	142,2	121,9	96,6	56,8	135,4	...
Land and via pipeline transport	166,7	147,4	124,3	89,4	64,2	144,9	...
Water transport	129,3	105,3	84,5	129,7	67,1	135,6	...
Air transport	166,5	160,6	135,9	109,6	24,1	363,2	...
Warehousing and support activities for transport	64,2	130,4	117,6	110,9	45,7	95,1	...
Postal and courier activities	56,8	336,7	94,4	16,8	734,7	205,2	...
Accommodation and food service activities	67,4	102,9	106,7	148,7	55,2	110,9	...
Accommodation	61,4	116,8	88,5	106,0	57,5	87,7	...
Food and beverage service activities	76,7	89,5	129,8	185,5	54,0	123,7	...
Information and communication	221,8	102,0	141,9	83,4	87,3	83,7	...
Publishing, audiovisual and broadcasting activities	100,4	103,5	134,0	124,8	68,9	93,0	...
Telecommunications	261,6	102,5	142,5	67,3	102,7	75,7	...
IT and other information services	139,1	97,1	149,0	140,5	60,7	114,4	...
Financial and insurance activities	82,3	102,4	130,4	102,8	76,6	71,7	...
Real estate activities	82,5	84,1	114,4	111,7	67,1	109,2	...
Professional, scientific and technical activities	117,9	132,4	107,5	131,4	77,3	114,1	...
Legal, accounting, management, architecture, engineering, technical testing and analysis activities	112,5	119,9	104,0	125,8	86,9	111,8	...
Scientific research and development	124,7	222,1	107,8	162,3	59,0	135,2	...
Advertising and market research, other professional, scientific and technical activities, veterinary activities	184,3	135,5	127,8	120,2	57,9	97,6	...
Administrative and support service activities	136,9	118,7	77,8	137,2	61,1	103,0	...
Public administration and defence, compulsory social security	226,2	144,9	115,3	129,9	92,6	95,3	...
Education	152,7	168,4	108,4	131,6	54,3	81,3	...
Human health and social work activities	145,8	189,5	105,8	146,6	52,5	179,1	...
Arts, entertainment and recreation	144,2	165,9	185,8	117,1	28,9	201,5	...
Other services	106,7	166,6	78,6	114,7	78,1	178,2	...

¹ See the first footnote to Table 18.2

CAPITAL INVESTMENT

18.6. Capital investment, by type of economic activity in industry

(mln. UAH)

	2015	2017	2018	2019	2020	2021	2022 ¹
Industry	87656	143300	199896	254196	180537	242923	126113
Mining and quarrying	18466	35552	53984	68521	50343	61308	25396
Manufacturing	46219	73884	100870	105878	84408	113275	60458
Manufacture of food products, beverages and tobacco products	13548	18927	30213	31889	28875	28166	17484
Manufacture of textiles, apparel, leather and related products	987	1882	1846	1492	1202	1960	1380
Manufacture of wood and paper products, and printing	4031	6841	7533	9994	6191	18759	10604
Manufacture of coke, and refined petroleum products	580	979	1503	1831	1986	3413	403
Manufacture of chemicals and chemical products	1680	2981	2792	2488	2496	2947	1861
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1623	1879	2433	2425	2907	3294	2172
Manufacture of rubber and plastics products, and other non-metallic mineral products	3818	10440	13132	10873	9230	10922	5637
Manufacture of basic metals and fabricated metal products, except machinery and equipment	12470	17829	26376	31093	19996	27285	10148
Manufacture of computer, electronic and optical products	420	756	956	657	608	854	608
Manufacture of electrical equipment	585	1485	1900	1759	1443	2349	1268
Manufacture of machinery and equipment n.e.c.	1945	3291	4057	3176	3177	3934	2293
Manufacture of transport equipment, trailers, and semitrailers and other	3332	4781	5578	5374	3975	4881	3542
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	1200	1813	2551	2827	2322	4511	3058
Electricity, gas, steam and air-conditioning supply	21347	31021	41784	75612	42132	63325	35766
Water supply, sewerage, waste management and remediation	1624	2843	3258	4185	3654	5015	4493

¹ See the first footnote to Table 18.2

CAPITAL INVESTMENT

18.7. Indices for capital investment, by type of economic activity in industry¹*(percent of the previous year)*

	2015	2017	2018	2019	2020	2021	2022
Industry	80,1	123,4	122,2	134,7	56,4	110,8	...
Mining and quarrying	73,9	151,4	141,5	138,1	55,2	109,6	...
Manufacturing	86,3	129,1	121,1	125,8	54,9	108,6	...
Manufacture of food products, beverages and tobacco products	75,9	107,4	123,6	148,9	53,5	94,4	...
Manufacture of textiles, apparel, leather and related products	135,9	113,8	90,4	76,9	67,3	126,9	...
Manufacture of wood and paper products, and printing	150,0	180,3	104,5	154,0	69,4	52,2	...
Manufacture of coke, and refined petroleum products	90,2	114,3	150,2	167,3	63,9	204,2	...
Manufacture of chemicals and chemical products	72,3	176,9	84,6	99,1	71,0	110,3	...
Manufacture of pharmaceuticals, medicinal chemical and botanical products	91,0	111,9	124,3	112,5	91,7	95,2	...
Manufacture of rubber and plastics products, and other non-metallic mineral products	83,1	150,6	124,7	95,6	54,3	124,8	...
Manufacture of basic metals and fabricated metal products, except machinery and equipment	83,5	126,7	134,6	129,7	47,4	125,7	...
Manufacture of computer, electronic and optical products	130,7	120,7	103,3	86,8	52,9	158,7	...
Manufacture of electrical equipment	99,3	148,1	109,2	101,0	56,1	154,1	...
Manufacture of machinery and equipment n.e.c.	74,1	133,4	123,5	93,9	56,5	115,7	...
Manufacture of transport equipment, trailers, and semitrailers and other	107,2	137,3	119,8	98,6	50,3	137,9	...
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	94,3	145,8	99,5	127,4	53,1	137,6	...
Electricity, gas, steam and air-conditioning supply	72,3	90,8	103,0	157,9	60,6	116,8	...
Water supply, sewerage, waste management and remediation	123,2	129,2	105,8	137,4	66,8	112,6	...

¹ See the first footnote to Table 18.2

19. TRANSPORT

Freight shipped is the total quantity of goods expressed in tons (gross), shipped.

Freight transported refers to the total freight loaded and shipped by selected type of carrier (trucks, railway coaches, sea and river vessels and aeroplanes) or pipelines. Freight is measured in tons (pumping of gas or ammonia is measured in tons or cubic meters).

Freight turnover is the sum of the weight products transported (relocated) cargo (gross) by the distance of transportation (relocation) for each consignment of cargo (measured in tonne-kilometers).

Passengers carried is the total number of passengers admitted for transport.

Transport passengers is the total number of passengers transported by category of carrier (busses, motor cars, trolley buses, trams, passenger railway coaches, sea and river vessels and airplanes).

Passenger turnover is the sum of the products of the number of passengers carried

by the distance of transportation for each trip (measured in passenger-kilometers).

Intracity transport refers to passenger transportation within the boundaries of an inhabited locality.

Commuter transport includes passenger transportation by routes, the length of which does not exceed 50 km regardless of administrative division apart from city routes.

Long-distance transport refers to passenger transportation by routes, the length of which exceed 50 km and which are within boundaries of the Autonomous Republic of Crimea, region (inter-oblast) or are outside the Autonomous Republic of Crimea, region (interregional).

Average distance of transport is defined by dividing freight and passenger traffic by the quantity of shipped freight and transported passengers respectively.

TRANSPORT

TRANSPORT

19.1. Freight shipped in 1940–2022, by mode of transport

(mln.t)

	By mode of transport			
	rail ¹	road ²	sea	river
1940	200	187	5,4	4,6
1950	228	366	6,6	4,3
1955	348	687	13,8	9,8
1960	504	1678	20	12,8
1965	663	2362	29	17,4
1970	795	3058	38	27,3
1975	976	4057	46	42,3
1980	981	4392	47	51,3
1985	1024	4727	56	57
1990	974	4897	53	66
1995	360	1816	21	13
2000	357	939	6,3	8,3
2005	450	1121	8	13
2010	433	1168	4	7
2015	350	1021	3	3
2016	343	1086	3	4
2017	339	1122	2	4
2018	322	1206	2	4
2019	313	1147	2	4
2020	306	1232	2	4
2021	314	1121	2	3
2022	...	...	...	...

¹ According to data from the Joint-stock partnership *Ukrainian rail*. Before 1995, dispatched cargo; since 2000, cargo transportation

² Including shipments for one's own needs. Since 1980, including cargo transportation by pick-ups and vans with car chassis; since 2005, including commercial cargo transportation by natural persons-entrepreneurs

19.2. Freight shipped, by mode of transport

(mln.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Transport	1529	1805	1765	1474	1582	1643	1579	1641	1518	...
Land	1514	1784	1754	1468	1576	1637	1573	1635	1513	...
rail ¹	357	450	433	350	339	322	313	306	314	...
road ¹	939	1121	1168	1021	1122	1206	1147	1232	1121	...
pipeline	218	213	153	97	115	109	113	97	78	...
Water	15	21	11	6	6	6	6	6	5	...
sea	6,3	8	4	3	2	2	2	2	2	...
river	8,3	13	7	3	4	4	4	4	3	...
Air ²	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	...

¹ See the relevant footnotes to Table 19.1

² Since 2003, State Aviation Administration of Ukraine

TRANSPORT

19.3. Share of freight shipped, by mode of transport

(percent)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Transport	100	100	100	100	100	100	100	100	100	...
Land	99	99	99	100	100	100	100	100	100	...
rail ¹	23	25	24	24	22	20	20	19	21	...
road ¹	61	62	66	69	71	73	73	75	74	...
pipeline	15	12	9	7	7	7	7	6	5	...
Water	1	1	1	0	0	0	0	0	0	...
sea	0	0	0	0	0	0	0	0	0	...
river	1	1	0	0	0	0	0	0	0	...
Air ²	0	0	0	0	0	0	0	0	0	...

¹ See the relevant footnotes to Table 19.1

² See the second footnote to Table 19.2

19.4. Volume indices for freight shipped, by mode of transport

(percent of the previous year)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Transport	99,5	104	109	91	103	104	96	104	93	...
Land	99	104	109	91	103	104	96	104	93	...
rail ¹	107	97	111	91	99	95	97	98	103	...
road ¹	98	109	109	90	103	107	95	107	91	...
pipeline	94	96	99	98	108	95	103	87	80	...
Water	101	104	113	108	88	95	109	92	95	...
sea	98	98	87	117	74	84	112	86	102	...
river	103	109	136	100	100	102	107	95	92	...
Air ²	206	125	103	88	112	120	93	95	93	...

¹ See the relevant footnotes to Table 19.1

² See the second footnote to Table 19.2

TRANSPORT

19.5. Freight traffic in 1940–2022, by mode of transport

(bln.tkm)

	Total	By mode of transport					
		rail ¹	road ²	sea	river	pipeline ³	air ⁴
1940	79,0	71,9	1,7	4,3	1,1	...	0,0
1950	97,4	85,0	3,6	7,7	1,1	...	0,0
1955	163,8	141,6	7,3	11,7	3,2	...	0,0
1960	269,0	216,4	17,7	30,7	4,1	0,1	0,0
1965	410,4	292,8	27,4	80,1	4,5	5,5	0,1
1970	611,6	380,2	41,6	172,3	6,1	11,2	0,2
1975	743,2	458,9	58,6	192,7	8,9	23,9	0,2
1980	839,6	469,6	70,1	168,8	10,7	120,2	0,2
1985	985,6	497,9	71,8	248,3	12,2	155,2	0,2
1990	1039,3	474,0	79,7	265,6	11,9	208,0	0,1
1995	544,0	195,8	34,5	123,1	5,7	184,9	0,0
2000	394,1	172,8	19,3	8,6	5,9	187,5	0,0
2005	473,6	224,0	35,3	9,6	6,3	198,1	0,3
2010	418,7	218,1	53,9	5,2	3,8	137,3	0,4
2015	334,7	195,1	53,3	3,9	1,6	80,7	0,2
2016	344,2	187,6	58,0	2,5	1,5	94,4	0,2
2017	364,2	191,9	62,3	2,9	1,4	105,4	0,3
2018	361,3	186,3	72,1	1,8	1,6	99,2	0,3
2019	355,0	181,8	65,0	1,8	1,6	104,5	0,3
2020	313,2	175,6	65,1	1,5	1,4	69,3	0,3
2021	304,7	180,4	61,8	1,6	1,4	59,2	0,3
2022	...	...	...	...	...	...	...

¹ According to data from the Joint-stock partnership *Ukrainian rail*

² See the second footnote to Table 19.1

³ Prior to 1980, oil and oil products including oil pipeline *Druzhba*

⁴ See the second footnote to Table 19.2

TRANSPORT

19.6. Freight traffic, by mode of transport

(bln.tkm)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Transport	394,1	473,6	418,7	334,7	364,2	361,3	355,0	313,2	304,7	...
Land	379,6	457,4	409,3	329,1	359,6	357,6	351,3	310,0	301,4	...
rail ¹	172,8	224,0	218,1	195,1	191,9	186,3	181,8	175,6	180,4	...
road ²	19,3	35,3	53,9	53,3	62,3	72,1	65,0	65,1	61,8	...
pipeline	187,5	198,1	137,3	80,7	105,4	99,2	104,5	69,3	59,2	...
Water	14,5	15,9	9,0	5,4	4,3	3,4	3,4	2,9	3,0	...
sea	8,6	9,6	5,2	3,9	2,9	1,8	1,8	1,5	1,6	...
river	5,9	6,3	3,8	1,6	1,4	1,6	1,6	1,4	1,4	...
Air ³	0,0	0,3	0,4	0,2	0,3	0,3	0,3	0,3	0,3	...

¹ See the first footnote to Table 19.5

² See the second footnote to Table 19.1

³ See the second footnote to Table 19.2

19.7. Distribution of freight traffic, by mode of transport

(percent)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Transport	100	100	100	100	100	100	100	100	100	...
Land	97	97	98	98	99	99	99	99	99	...
rail ¹	44	47	52	58	53	52	51	56	59	...
road ²	5	7	13	16	17	20	18	21	20	...
pipeline	48	42	33	24	29	27	30	22	20	...
Water	3	3	2	2	1	1	1	1	1	...
sea	2	2	1	1	1	1	0,5	0,5	1	...
river	1	1	1	0,5	0,4	0,4	0,5	0,4	0,4	...
Air ³	0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	...

¹ See the first footnote to Table 19.5

² See the second footnote to Table 19.1

³ See the second footnote to Table 19.2

TRANSPORT

19.8. Freight shipped, by rail of general use¹

(mln.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total shipment	357	450	433	350	339	322	313	306	314	...
coal	98	120	118	73	67	65	59	49	50	...
coke	11	11	11	8	6	6	5	5	5	...
oil and oil products	27	27	31	17	14	12	12	11	12	...
ferrous metals (including scrap)	45	49	40	29	26	25	24	22	24	...
timber	3	5	5	5	4	3	1	1	1	...
grains, cereals and flour	6	13	13	29	37	34	40	35	34	...
ore	65	80	82	85	70	71	75	80	78	...
cement	4	9	6	6	6	6	6	6	6	...
chemical and mineral fertilisers	10	12	12	10	12	9	9	9	11	...
other freight	88	124	115	88	97	91	82	88	93	...

¹ See the first footnote to Table 19.1

19.9. Freight shipped, by river

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total shipment	8350	12869	6989	3156	3640	3698	3990	3788	3482	...
By type of freight										
oil and oil products	—	27	3	—	1	0	—	3	—	...
coal	245	1210	618	86	163	144	53	34	40	...
coke	240	160	296	36	23	10	1	7	2	...
all kind of ores	1594	3086	2250	465	343	524	642	145	124	...
construction	3791	5891	3027	1174	1576	1462	1863	2074	1811	...
chemical and mineral fertilisers	116	206	89	166	158	188	145	204	204	...
timber	9	4	—	4	1	—	1	1	2	...
paper	4	31	6	3	—	1	2	—	7	...
all kind of metals	1599	795	189	481	300	382	408	308	305	...
machines and equipment	48	38	26	—	1	0	1	1	0	...
sugar	11	43	1	—	—	14	10	—	1	...
grains, cereals and flour	211	920	287	561	377	419	451	568	545	...
cotton, flax	4	—	—	—	—	—	—	—	—	...
freight in containers	26	—	3	1	—	—	—	—	0	...
other freight	452	458	194	179	697	554	413	443	441	...
By type of communication route										
international	4314	5828	3322	1189	1205	1240	1422	1102	1076	...
coastal	4036	7041	3667	1967	2435	2458	2568	2686	2406	...

TRANSPORT

19.10. Freight shipped, by sea

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Total shipment	6316	8575	4068	3292	2253	1892	2120	1812	1852	...
By type of freight										
oil and oil products	344	10	249	71	32	30	30	7	20	...
coal	271	99	45	28	—	—	5	—	—	...
coke	89	37	—	6	34	23	18	3	—	...
all kind of ores	1038	758	206	892	272	38	58	—	3	...
construction	965	1812	704	110	95	71	96	188	177	...
chemical and mineral fertilisers	201	211	46	32	10	12	9	20	16	...
timber	262	259	30	7	4	6	2	—	—	...
paper	97	25	0	3	—	3	7	—	6	...
all kind of metals	1003	2038	535	1170	1063	1006	1030	1067	707	...
grains, cereals and flour	247	1062	656	110	204	473	587	317	571	...
freight in containers	733	781	92	30	8	0	—	—	—	...
other freight	1066	1483	1505	833	531	230	278	210	352	...
By type of communication routes										
international	5241	6334	2959	2046	1408	1207	1089	969	1133	...
coastal	1075	2241	1109	1246	845	685	1031	843	719	...

TRANSPORT

19.11. Freight shipped by road, by region¹

(mln.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	938,9	1120,8	1168,2	1020,6	1121,7	1205,5	1147,0	1232,4	1121,2	...
Autonomous Republic of Crimea	17,0	20,1	22,4	...	...	...	...	...	...	...
oblasts										
Vinnitsya	28,3	26,9	30,1	30,0	27,8	29,2	30,0	31,7	35,0	...
Volyn	7,6	10,3	10,1	10,6	13,0	13,4	13,1	12,4	12,6	...
Dnipropetrovsk	234,9	303,7	359,2	300,4	328,1	324,4	336,6	391,0	399,9	...
Donetsk	125,3	170,5	149,8	77,0	105,1	112,7	92,5	95,5	71,1	...
Zhytomyr	29,3	35,0	40,1	52,1	43,4	43,3	39,0	43,2	35,6	...
Zakarpattia	10,8	13,7	11,9	9,1	8,7	8,8	9,8	10,1	10,8	...
Zaporizhzhya	40,0	46,3	64,9	28,5	30,4	30,7	30,7	32,1	21,1	...
Ivano-Frankivsk	13,1	10,0	9,1	14,3	20,2	12,0	14,1	15,1	15,6	...
Kyiv	36,3	33,5	41,0	40,6	48,9	56,3	51,5	81,3	63,8	...
Kirovohrad	16,3	25,1	28,1	43,8	45,8	49,2	38,5	32,2	42,1	...
Luhansk	26,1	31,8	24,3	27,3	4,9	4,7	4,8	4,0	3,4	...
Lviv	29,6	20,3	19,5	20,6	23,2	25,8	24,4	25,0	23,5	...
Mykolayiv	13,6	30,8	21,9	19,5	20,5	21,3	20,6	20,6	14,2	...
Odesa	24,9	23,0	26,3	22,2	24,1	29,0	28,8	29,3	26,3	...
Poltava	95,3	108,9	142,1	161,4	173,0	171,8	160,1	167,1	113,2	...
Rivne	15,5	18,4	13,7	12,5	19,2	17,1	19,5	22,9	29,7	...
Sumy	19,4	13,4	10,8	11,6	12,6	12,7	12,4	14,8	12,6	...
Ternopil	13,0	9,5	9,6	13,8	16,7	18,4	16,2	18,6	18,0	...
Kharkiv	27,8	36,5	28,8	28,3	32,4	32,8	29,6	27,7	23,1	...
Kherson	13,2	11,4	13,6	10,9	13,4	14,0	15,0	11,1	10,3	...
Khmelnyskiy	25,3	24,6	21,4	27,6	32,2	33,5	30,4	37,5	36,3	...
Cherkasy	33,9	46,7	24,1	25,0	30,1	42,7	34,6	23,4	30,0	...
Chernivtsi	5,7	8,3	7,2	4,7	6,9	7,0	7,4	4,4	4,2	...
Chernihiv	13,2	15,0	12,4	10,3	11,7	11,9	12,5	13,6	13,5	...
cities										
Kyiv	16,4	17,8	19,0	18,5	29,4	82,8	74,9	67,8	55,3	...
Sevastopol	7,1	9,3	6,8	...	...	...	...	...	...	...

¹ See the second footnote to Table 19.1

TRANSPORT

19.12. Road freight traffic, by region¹

(mln.tkm)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	19281,6	35244,0	53918,4	53293,4	62296,8	72068,3	64952,9	65176,9	61843,9	...
Autonomous Republic of Crimea	489,2	737,4	895,9	...	...	...	...	...	...	...
oblasts										
Vinnitsya	582,2	1034,5	1532,8	1650,9	1672,7	1783,1	1817,8	1951,2	2089,4	...
Volyn	321,3	998,3	1690,5	1838,4	2401,7	2770,3	2966,5	2885,5	3176,9	...
Dnipropetrovsk	1389,7	2180,6	3587,1	3641,6	4815,6	5138,0	4888,4	5302,7	4685,3	...
Donetsk	1301,9	2202,4	2897,1	2238,3	2367,3	2125,6	1073,1	992,6	928,5	...
Zhytomyr	482,2	724,4	1038,1	1014,6	990,9	1117,7	1124,6	1029,2	769,0	...
Zakarpattia	423,5	1755,5	2754,3	4676,1	5285,6	5073,1	5002,1	4410,6	4444,0	...
Zaporizhzhya	2838,9	2912,1	1758,7	1278,4	1522,8	1499,6	1532,0	1581,9	1411,2	...
Ivano-Frankivsk	327,5	520,8	1477,4	1507,5	1690,9	1486,4	1488,3	1522,0	1560,9	...
Kyiv	1103,2	2402,5	4147,4	3424,2	4191,6	6349,2	4253,8	6020,5	4170,4	...
Kirovohrad	263,2	561,5	1083,1	1738,8	1470,5	1582,1	1142,1	1080,8	1927,5	...
Luhansk	887,5	1697,5	2706,3	1203,6	477,2	482,5	651,4	498,8	411,4	...
Lviv	1748,8	1911,3	3878,0	4344,8	4604,1	5317,6	5150,1	5127,7	5147,3	...
Mykolayiv	272,8	848,3	1393,4	1268,7	1466,5	1656,8	1785,5	1834,0	1561,6	...
Odesa	623,5	1264,0	2531,0	2776,8	2886,9	3828,8	3693,5	3543,1	3241,4	...
Poltava	866,2	1611,0	2776,7	3158,6	2563,0	2732,8	2326,7	2660,3	2181,4	...
Rivne	434,1	939,5	1518,4	1247,7	2270,0	2154,8	2055,8	2145,5	2251,1	...
Sumy	490,2	603,0	670,0	651,2	765,8	890,3	1175,1	1239,8	1082,7	...
Ternopil	308,6	551,8	1034,6	1123,0	1321,9	1381,1	1229,7	1391,5	1333,1	...
Kharkiv	611,0	1778,6	3156,5	2653,1	4478,3	4553,9	3783,4	3233,6	2935,2	...
Kherson	282,9	638,6	1139,1	1269,1	1353,5	1371,0	1375,7	1069,5	1323,6	...
Khmelnyskiy	587,3	1248,7	2044,8	2344,7	2151,3	2103,0	2049,3	1807,8	1970,0	...
Cherkasy	661,3	1194,2	1675,3	2599,8	3074,6	3480,9	2270,9	1821,9	2329,7	...
Chernivtsi	193,6	372,6	1026,7	1035,1	1272,3	1425,5	1561,4	845,4	771,2	...
Chernihiv	288,0	773,1	1201,2	719,4	1173,8	1272,3	1347,3	1373,2	1366,8	...
cities										
Kyiv	1434,9	3657,8	4130,2	3889,0	6028,0	10491,9	9208,4	9807,8	8774,3	...
Sevastopol	68,1	124,0	173,8	...	...	...	...	...	...	...

¹ See the second footnote to Table 19.1

TRANSPORT

19.13. Passenger transportation by mode of transport in 1940–2022

(mln.)

	By mode of transport							
	rail ¹	bus ²	sea	river	air ³	tram	trolley-bus	subway
1940	243	29	...	7	0,0	1489	30	—
1950	216	59	5,3	4,4	0,3	873	162	—
1955	330	495	10,5	12	0,3	1304	340	—
1960	373	1408	14	15	2	1736	592	5
1965	435	2885	18	19	5,4	1913	1002	60,4
1970	506	5061	20	21,4	10	1785	1536	127
1975	616	7089	29	28	13	1775	2015	236
1980	649	7801	28	25	12,5	1774	2368	430
1985	695	8077	29	24	13	1670	2477	603
1990	669	8331	26	19	15	2007	3232	678
1995	577	3483	8	4	2	822	1359	561
2000	499	2557	4	2	1	1381	2582	754
2005	445	3837	11	2	4	1111	1903	887
2010	427	3726	7	1	6	714	1204	760
2015	390	2250	0	1	6	739	1081	700
2016	389	2025	0	1	8	694	1039	698
2017	165	2019	0	1	10	676	1058	719
2018	158	1907	0	1	12	666	1016	727
2019	155	1805	0	1	14	627	945	715
2020	68	1084	0	1	5	423	579	411
2021	2655	1089	0	1	9	398	594	483
2022	...	...	...	...	...	...	...	...

¹ Number of the passengers shipped according to data from the Joint-stock partnership *Ukrainian rail*. Since 2010, including passengers transported by city rail. Since 2017, the Joint-stock partnership *Ukrzaliznythya* changed the procedure for accounting the transportation of passengers by rail of suburban service who make use of benefits for free travel

² Since 1999, including automobile passenger transportation by small businesses (natural and legal persons)

³ See the second footnote to Table 19.2

TRANSPORT

19.14. Passenger transportation by mode of transport

(mln.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Transport	7780	8200	6845	5167	4648	4487	4262	2570	2655	1600
Land	7773	8183	6831	5160	4637	4474	4247	2565	2645	...
rail ¹	499	445	427	390	165	158	155	68	81	...
bus ²	2557	3837	3726	2250	2019	1907	1805	1084	1089	...
city electric transport	4717	3901	2678	2520	2453	2409	2287	1413	1475	...
tram	2582	1903	1204	1081	1058	1016	945	579	594	...
trolley-bus	1381	1111	714	739	676	666	627	423	398	...
subway trains	754	887	760	700	719	727	715	411	483	...
Water	6	13	8	1	1	1	1	0	1	...
sea	4	11	7	0	0	0	0	0	0	...
river	2	2	1	1	1	1	1	0	1	...
Air ³	1	4	6	6	10	12	14	5	9	...

¹ See the first footnote to Table 19.13

² See the second footnote to Table 19.13

³ See the second footnote to Table 19.2

In 2022, automobile transportation of passengers by small businesses amounted 228 mln. passengers.

19.15. Indices of the number of passengers transported by mode of transport

(percent of the previous year)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Transport	98	103	94	88	100	97	95	60	103	60
Land	98	103	94	88	100	96	95	60	103	...
rail ¹	102	99	100	100	98	96	98	44	119	...
bus ²	102	103	93	77	99,7	94	95	60	101	...
city electric transport	96	102	95	97	101	98	95	62	104	...
tram	94	103	94	99	102	96	93	61	103	...
trolley-bus	95	100	91	96	97	99	94	67	94	...
subway trains	104	105	101	96	103	101	98	58	117	...
Water	111	115	99	97	124	113	101	46	151	...
sea	122	117	107	87	94	251	110	66	201	...
river	95	105	65	97	126	106	100	43	141	...
Air ³	107	118	119	97	128	119	109	35	195	...

¹ See the first footnote to Table 19.13. To make the correct comparisons of data for 2016 and 2017, data for 2016 have been re-calculated according to the procedure for accounting the transportation of passengers by rail of suburban service who enjoy the benefits for free travel

² See the second footnote to Table 19.13

³ See the second footnote to Table 19.2

TRANSPORT

**19.16. Passenger traffic in 1940–2022, by mode of transport
(excluding urban electric transport)**

(bln. passenger.km)

	Total	By mode of transport				
		rail ¹	bus ²	sea	river	air ³
1940	...	16,4	0,3	...	0,4	0,0
1950	14,3	13,5	0,4	0,1	0,2	0,1
1955	24,9	21,1	3,0	0,3	0,3	0,2
1960	37,9	26,5	10,0	0,4	0,3	0,7
1965	60,6	32,2	24,1	0,7	0,4	3,2
1970	96,1	42,1	46,6	0,8	0,5	6,1
1975	133,0	53,2	69,1	1,0	0,6	9,1
1980	154,6	60,1	81,7	1,3	0,6	10,9
1985	168,2	67,0	86,7	1,4	0,6	12,5
1990	184,1	76,0	90,3	1,1	0,6	16,1
1995	102,5	63,8	34,8	0,5	0,1	3,3
2000	82,4	51,8	28,8	0,1	0,0	1,7
2005	111,4	52,7	52,5	0,1	0,0	6,1
2010	113,3	50,2	52,0	0,1	0,0	11,0
2015	81,4	35,4	34,6	0,0	0,0	11,4
2016	86,9	36,8	34,6	0,0	0,0	15,5
2017	84,0	28,1	35,5	0,0	0,0	20,4
2018	89,2	28,7	34,6	0,0	0,0	25,9
2019	92,6	28,4	33,9	0,0	0,0	30,3
2020	39,9	10,7	19,1	0,0	0,0	10,1
2021	53,2	15,7	18,8	0,0	0,0	18,7
2022	25,6	...	...	...	...	...

¹ See the first footnote to Table 19.13

² See the second footnote to Table 19.13

³ See the second footnote to Table 19.2

TRANSPORT

19.17. Passenger turnover by mode of transport

(bln. passenger.km)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Transport	113,1	135,8	130,0	97,0	99,4	104,4	107,2	49,0	62,7	31,1
Land	111,3	129,6	118,9	85,6	79,0	78,5	76,9	38,9	44,0	...
rail ¹	51,8	52,7	50,2	35,4	28,1	28,7	28,4	10,7	15,7	...
bus ²	28,8	52,5	52,0	34,6	35,5	34,6	33,9	19,1	18,8	...
city electric transport	30,7	24,4	16,7	15,7	15,4	15,2	14,6	9,1	9,5	...
tram	16,8	11,2	6,9	6,1	6,0	5,8	5,4	3,5	3,5	...
trolley-bus	9,0	6,5	4,0	4,2	3,9	3,9	3,7	2,5	2,4	...
subway trains	4,9	6,7	5,8	5,4	5,5	5,5	5,5	3,1	3,6	...
Water	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0	...
sea	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0	...
river	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	...
Air ³	1,7	6,1	11,0	11,4	20,4	25,9	30,3	10,1	18,7	...

¹ See the first footnote to Table 19.13

² See the second footnote to Table 19.13

³ See the second footnote to Table 19.2

19.18. Passenger transportation by type of traffic by selected mode of transport

(mln.)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Intercity transportation	154	226	227	170	182	181	184	91	97	...
rail (long distance) ¹	45	60	62	40	46	47	46	16	26	...
sea (including commuter)	4	11	7	0	0	0	0	0	0	...
air ²	1	4	6	6	10	12	14	5	9	...
bus (including international connection) ³	97	144	148	124	126	122	124	70	62	...
trolley-bus	7	7	4	...	...	...	...	...	...	...
Intracity transportation	6452	6860	5597	4186	3954	3845	3655	2237	2314	...
bus ³	1742	2966	2923	1666	1501	1436	1368	824	839	...
city electric transport										
trolley-bus	2575	1896	1200	1081	1058	1016	945	579	594	...
tram	1381	1111	714	739	676	666	627	423	398	...
subway trains	754	887	760	700	719	727	715	411	483	...
Commuter transportation	1174	1114	1021	811	512	461	423	242	244	...
rail ⁴	454	385	365	350	119	111	109	52	56	...
river	2	2	1	1	1	1	1	0	0	...
bus ³	718	727	655	460	392	349	313	190	188	...

¹ See the first footnote to Table 19.5

² See the second footnote to Table 19.2

³ See the second footnote to Table 19.13

⁴ See the first footnote to Table 19.13

TRANSPORT

19.19. Rolling stock, by mode of transport and purpose

(end of year; units)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Rail transport¹										
diesel locomotive ²	2741	2572	2539	2151	1924	1944	1986	1982	1970	1970
electric locomotives ²	1796	1797	1861	1720	1627	1627	1628	1596	1595	1595
steam locomotives ²	140	66	51	24	23	22	22	22	22	22
freight stock ³ , thsd.	185,7	150,3	120,6	107,9 ⁴	104,1 ⁴	106,4 ⁴	105,8 ⁴	105,9 ⁴	104,64	121,64
passenger stock ⁵ , thsd.	9,0	7,9	7,3	5,2	4,5	4,3	4,0	3,8	3,7	3,7
River boats⁶	2025	1962	2064	1321	1401	x	x	x	x	x
Sea crafts⁶	878	1177	1084	2485	3334	x	x	x	x	x
Electric transport										
trolley-bus	5313	4554	3710	2792	2730	2670	2744	2980	2983	2667
tram-cars	3459	2905	2522	1961	1971	1967	1933	1922	1937	1880
transit vehicles	925	993	1119	1195	1192	1192	1192	1192	1192	1192
Airplanes and helicopters	954	659	395	196	200	205	205	155	155	81

¹ See the first footnote to Table 19.5

² Since 2014, excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol, since 2017 also excluding a part of the temporarily occupied territories in the Donetsk and Luhansk regions

³ The inventory number of the joint-stock company *Ukrainian rail freight wagons*, since 2012 including the number of the own wagons that belong to enterprises directly subordinated to the joint-stock company *Ukrainian rail*

⁴ Taking into account the temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and a part of the temporarily occupied territories in the Donetsk and Luhansk regions

⁵ Since 2014, excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol, since 2016 also excluding a part of the temporarily occupied territories in the Donetsk and Luhansk regions

⁶ Vessels of enterprises functioning in all economic industries, since 2005 include vessels which are not fit for service. Data on the availability of river and sea transport for 2010 – data for 2008, for 2014/2015 – river transport according to data from the *State Inspection of Ukraine on safety in maritime and river transport*, sea transport – according to data from the *State Inspection of Ukraine on safety in maritime and river transport* and the *State Agency for Fisheries of Ukraine*, for 2016/2017 – river transport according to data from the *State Service of Ukraine on Transport Safety*, sea transport according to data from the *State Service of Ukraine on Transport Safety* and the *State Agency for Fisheries of Ukraine*

According to data from the State Service of Sea and River Transport of Ukraine, at the end of 2021 the State Vessels Register of Ukraine registered 714 vessels are sea vessels, 1358 vessels are river vessels, 288 vessels are vessels of combine navigation area, 10716 vessels are leisure boats with the engine turning up 75 horsepower and more. At the end of 2022 in Ukraine's Vessel Book, over 112,9 thsd. leisure boats with engine turning up to 75 horsepower are registered.

TRANSPORT

ROADS

19.20. Length of transport network in 1940–2022

(thsd.km)

	Operational length of public railroads ¹		Operational length of public navigable river routes ²		Operational length of public automobile roads ³	
	total	including electrified tracks	total	including those with illuminant and light-reflecting road signs ⁴	total	including with hard coating
1940	20,1	0,2	3,2	2,8	270,7	29,3
1950	20,2	0,2	4,8	2,3	275,0	33,5
1955	20,4	0,3	5,4	2,3	268,2	37,6
1960	21,1	1,5	4,8	3,0	236,2	47,4
1965	21,7	3,6	4,9	2,9	236,1	67,2
1970	22,1	5,3	4,8	4,0	223,5	90,8
1975	22,3	6,6	4,5	3,9	173,8	116,7
1980	22,6	7,1	4,9	4,3	163,2	133,7
1985	22,7	7,6	4,9	4,3	162,3	145,2
1990	22,8	8,1	4,0	3,6	167,8	157,2
1995	22,8	8,5	3,7	1,7	172,3	163,3
2000	22,3	9,1	2,4	0,5	169,5	163,8
2005	22,0	9,4	2,2	1,1	169,3	165,0
2010	21,7	9,9	2,2	1,1	169,5	165,8
2015	21,0	10,0	1,6	0,7	163,0	159,4
2016	21,0	10,0	1,6	0,7	163,0	159,5
2017	19,8	9,3	2,1	0,7	163,1	159,6
2018	19,8	9,3	1,9	0,7	161,9	158,5
2019	19,8	9,3	1,9	0,7	161,9	158,4
2020	19,8	9,3	1,9	0,7	162,2	158,7
2021	19,7	9,3	1,9	0,7	161,8	158,4
2022	19,8	9,4	1,9	0,7	...	...

¹ See the first footnote to Table 20.5 and second footnote to Table 19.19

² For 2011–2016, according to data from the state enterprise *Ukrainian Water Ways* and the *State Hydrographic Service of Ukraine*, since 2017 – according to data from the *State Hydrographic Service of Ukraine*

³ According to data from the *State Highway Service of Ukraine* (Ukravtodor), since 2014 – excluding the temporarily occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol. Since 2018, according to data from the Ukravtodor and regional state administrations, also excluding the temporarily occupied territories of the Luhansk region with regard to local highways

⁴ Prior to 1980, with illuminant signs; since 1985, with illuminant and light-reflecting road signs

TRANSPORT

19.21. Operational length of transport network

(thsd.km)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Public railroads ¹	22,3	22,0	21,7	21,0	19,8	19,8	19,8	19,8	19,7	19,8
Public navigable river routes ²	2,4	2,2	2,2	1,6	2,1	1,9	1,9	1,9	1,9	1,9
Public automobile roads ³	169,5	169,3	169,5	163,0	163,1	161,9	161,9	162,2	161,8	...
including with hard coating	163,8	165,0	165,8	159,4	159,6	158,5	158,4	158,7	158,4	...
Trolley-bus routes (single-track)	4,3	4,4	4,4	3,3	3,4	3,4	3,4	3,4	3,4	3,0
Tram routes (single-track railroads)	2,1	2,1	2,0	1,6	1,6	1,5	1,5	1,5	1,5	1,4
Subways (double-track railroads), km	91,7	101,5	108,4	112,3	113,4	113,4	113,4	113,4	113,4	113,4

¹ See the first footnote to Table 19.20

² See the second footnote to Table 19.20

³ See the third footnote to Table 19.20

TRANSPORT

19.22. Average distance of freight transport, by mode

(km)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Rail ¹	484	497	504	557	565	578	581	575	574	...
Sea	1362	1120	1271	1173	1264	963	837	830	859	...
River	706	491	549	498	391	417	406	362	390	...
Road	21	31	46	52	56	60	57	53	55	...
Pipeline	859	932	895	830	918	907	928	711	763	...

¹ See the first footnote to Table 19.5

19.23. Average distance of passenger transport, by mode

(km)

	2000	2005	2010	2015	2017	2018	2019	2020	2021	2022
Rail ¹	104	118	118	91	170	182	184	157	193	...
Sea	15	6	8	559	377	29	17	13	13	...
River	12	24	42	15	35	43	41	13	12	...
Air	1489	1608	1794	1803	1928	2066	2206	2107	2004	...
Bus	11	14	14	15	18	18	19	18	17	...
City electric transport										
trolley-bus	7	6	6	6	6	6	6	6	6	...
tram	7	6	6	6	6	6	6	6	6	...
subway trains	7	8	8	8	8	8	8	8	8	...

¹ See the first footnote to Table 19.13

20. FOREIGN ECONOMIC ACTIVITY

Statistics of **foreign trade in goods** are compiled on the basis of the information of the State Customs Service of Ukraine adjusted for the total amount of oil and natural gas, fish caught in international waters and goods purchased in foreign ports. The data on exports in goods are recorded by country of destination whereas the data on imports by country of origin.

Country of destination refers to the country identified at the moment of loading as the final country to which goods are to be delivered.

The country where goods were produced or processed is considered the **country of origin**.

The goods are valued in national currency. Conversions into USD are made according to the date the customs

declaration was completed and the official exchange rate of the National Bank of Ukraine (NBU) fixed for that particular date. According to enterprise reports, conversions into the USD are made according to the monthly and quarterly average exchange rates.

Statistical information about **foreign trade in services** is compiled using data from enterprises-legal persons, permanent missions of non-residents to Ukraine, central and local bodies of executive power, chief controllers of the state and local budgets who effected exports/imports operations of services.

Services are valued using the contract currency. Conversions into USD and national currency are made using the official average quarterly exchange rate set on the basis of the NBU daily exchange rates.

20.1. Foreign trade in goods, by country

(mln. USD)

	Exports					Imports				
	2010	2015	2020	2021	2022	2010	2015	2020	2021	2022
Total	51405,2	38127,1	49191,8	68072,3	44135,6	60742,2	37516,4	54336,1	72843,1	55295,7
including										
Australia	23,6	10,7	42,3	60,9	...	246,6	159,3	25,7	154,4	...
Austria	508,0	347,2	580,0	915,2	...	697,6	369,6	559,7	860,1	...
Azerbaijan	610,8	318,8	346,8	394,9	...	951,2	30,3	318,5	687,4	...
Algeria	159,3	205,6	357,3	452,7	...	4,9	17,1	7,2	109,1	...
Bangladesh	112,7	207,0	358,2	311,3	...	17,8	54,0	97,7	124,1	...
Belgium	356,9	296,8	560,9	659,0	...	588,3	366,8	526,4	752,3	...
belarus	1899,2	870,7	1335,3	1479,6	...	2567,6	2449,1	2874,5	4823,0	...
Bulgaria	450,6	419,5	511,5	835,3	...	218,0	253,1	289,9	542,3	...

FOREIGN ECONOMIC ACTIVITY

Table 20.1 continued

	Exports					Imports				
	2010	2015	2020	2021	2022	2010	2015	2020	2021	2022
Brazil	359,9	33,5	64,3	181,3	...	459,7	166,1	266,8	384,5	...
Viet Nam	136,7	87,0	184,3	276,8	...	117,6	252,0	460,5	574,5	...
Armenia	201,3	101,6	112,2	135,2	...	17,9	7,4	17,6	26,0	...
Ghana	57,5	37,5	81,5	171,6	...	209,4	104,2	133,6	128,4	...
Guinea	13,6	13,3	15,5	17,8	...	106,1	114,1	144,2	140,4	...
Hong Kong, Special administrative region of China	26,3	15,4	71,0	84,0	...	30,6	12,2	83,5	36,0	...
Greece	164,0	153,8	178,8	212,8	...	104,1	238,6	317,0	495,6	...
Georgia	527,5	402,7	366,4	436,1	...	136,1	61,8	135,4	204,9	...
Denmark	124,5	144,7	216,9	285,8	...	240,5	147,6	220,9	305,3	...
Ecuador	11,8	1,8	6,7	4,3	...	161,2	119,4	120,5	156,6	...
Estonia	106,3	66,2	109,7	168,6	...	123,4	77,5	177,6	169,8	...
Ethiopia	65,9	138,0	140,1	278,5	...	1,0	1,4	4,4	7,3	...
Egypt	1328,0	2079,8	1617,8	1944,6	...	84,2	55,6	80,9	149,1	...
Israel	467,6	597,1	563,5	730,9	...	91,5	169,9	171,0	225,1	...
India	1426,0	1444,1	1972,1	2494,4	...	680,7	443,7	721,9	961,4	...
Indonesia	352,6	185,9	735,6	809,9	...	408,6	168,8	278,0	431,9	...
Iraq	345,0	472,5	597,6	694,3	...	0,5	0,0	0,3	0,1	...
Iran (Islamic Republic of)	1030,7	533,6	258,8	624,9	...	49,9	30,5	48,2	98,8	...
Ireland	4,5	59,2	94,4	97,9	...	112,1	75,4	209,3	231,5	...
Spain	411,7	1043,6	1250,2	1677,2	...	468,6	440,8	735,1	975,9	...
Italy	2412,4	1979,8	1928,9	3469,3	...	1390,3	976,3	2128,7	2675,5	...
Jordan	518,5	135,8	181,1	207,9	...	21,1	4,8	6,1	8,0	...
Kazakhstan	1300,4	712,7	336,1	438,4	...	766,2	377,6	424,4	846,6	...
Canada	73,3	30,2	81,3	160,1	...	160,2	206,3	201,4	260,6	...
China	1316,6	2399,1	7099,9	8003,6	...	4700,4	3771,0	8318,4	10981,7	...
Colombia	16,1	23,0	29,7	226,5	...	13,4	25,6	51,3	85,9	...
Cote d'Ivoire	44,6	23,8	42,4	99,3	...	135,4	39,6	71,5	82,8	...
Latvia	180,2	150,3	229,4	288,6	...	88,1	87,1	159,0	210,3	...
Lithuania	264,4	236,3	431,4	576,9	...	637,5	552,6	813,4	1290,9	...
Lebanon	1031,9	300,1	327,3	389,1	...	4,2	1,3	4,3	4,6	...
Libya	201,5	182,7	327,8	468,0	...	0,3	0,0	42,0	181,5	...
Malaysia	96,9	159,6	181,1	132,4	...	171,0	132,1	235,0	272,6	...

FOREIGN ECONOMIC ACTIVITY

Table 20.1 continued

	Exports					Imports				
	2010	2015	2020	2021	2022	2010	2015	2020	2021	2022
Morocco	103,5	212,5	373,0	482,8	...	9,2	28,5	91,9	124,5	...
Mexico	200,1	118,2	69,5	218,3	...	63,4	61,7	221,8	302,7	...
Nigeria	245,3	120,9	69,3	188,4	...	13,6	2,3	3,5	8,3	...
Netherlands	563,2	905,7	1802,2	2262,5	...	837,9	452,6	750,8	1012,6	...
Germany	1499,5	1328,7	2071,7	2866,4	...	4605,3	3975,6	5339,7	6284,4	...
Norway	84,1	12,8	27,0	40,8	...	261,3	741,7	288,6	387,9	...
United Arab Emirates	275,2	301,8	439,1	530,8	...	50,9	57,6	61,0	85,5	...
Poland	1787,2	1977,3	3272,7	5227,4	...	2788,8	2324,0	4140,9	4962,5	...
Portugal	121,8	320,5	234,0	341,2	...	51,5	45,2	68,2	88,8	...
Korea, Republic of	498,0	395,4	351,5	299,9	...	786,0	256,4	497,5	694,5	...
Moldova, Republic of	713,5	524,3	679,6	864,2	...	73,6	41,2	74,1	112,5	...
russian federation	13428,1	4827,7	2706,0	3414,1	...	22198,0	7492,7	4541,8	6083,5	...
Romania	705,8	569,9	1081,0	1543,4	...	682,2	318,2	682,4	796,4	...
Saudi Arabia	644,5	761,6	719,0	768,6	...	37,4	145,0	101,9	188,5	...
Serbia	199,0	105,9	136,6	215,0	...	75,7	83,3	165,2	195,1	...
Slovakia	568,2	468,5	446,8	999,3	...	442,6	346,3	1143,4	923,2	...
Slovenia	11,6	16,3	40,3	75,5	...	212,6	128,9	253,4	287,8	...
United Kingdom of Great Britain and Northern Ireland	506,5	367,9	666,9	1083,2	...	821,0	570,1	734,2	1115,2	...
USA	807,3	481,8	983,9	1610,5	...	1766,8	1480,7	3068,7	3333,3	...
Thailand	432,6	334,9	164,5	224,9	...	162,8	120,6	194,1	252,5	...
Taiwan, Province of China	80,0	41,5	43,3	107,1	...	141,2	141,3	234,8	293,1	...
Tunisia	232,0	333,5	414,8	407,4	...	3,6	8,5	12,9	41,5	...
Turkey	3024,0	2771,8	2436,3	4142,6	...	1298,3	851,7	2418,8	3260,3	...
Turkmenistan	208,9	170,3	56,0	52,7	...	31,4	16,3	29,5	92,3	...
Hungary	860,1	909,7	1263,8	1622,1	...	1214,6	1608,5	1399,5	1571,0	...
Uzbekistan	228,5	174,5	295,5	429,3	...	81,7	62,3	137,0	273,4	...
Philippines	31,6	107,4	169,9	117,3	...	23,0	17,4	49,1	64,7	...
Finland	34,1	48,0	54,5	110,8	...	429,8	223,0	249,2	306,1	...
France	476,9	497,9	592,4	896,5	...	1106,7	892,8	1467,7	1764,9	...
Czechia	626,2	541,0	826,3	1414,6	...	747,9	479,7	961,7	1480,8	...
Switzerland	472,2	123,2	142,7	177,6	...	508,2	457,7	876,0	2496,8	...
Sweden	77,8	60,6	72,5	107,6	...	358,8	273,5	428,1	724,6	...
Japan	104,8	235,6	181,7	347,2	...	801,7	382,2	1076,5	1227,3	...

FOREIGN ECONOMIC ACTIVITY

20.2. Exports/imports of goods in 2022, by region

	Exports			Imports		
	number of enterprises	value, mln. USD	percentage of total	number of enterprises	value, mln. USD	percentage of total
Ukraine	16633	44135,6	100,0	29863	55295,7¹	100,0
Autonomous Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnitsya	734	1600,5	3,6	654	622,8	1,1
Volyn	486	1065,7	2,4	893	2034,2	3,7
Dnipropetrovsk	1182	6250,8	14,2	2451	3951,6	7,1
Donetsk	112	284,2	0,6	157	139,1	0,3
Zhytomyr	584	718,1	1,6	482	1206,0	2,2
Zakarpattia	507	1970,4	4,5	758	1645,4	3,0
Zaporizhzhya	412	2808,7	6,4	592	1195,4	2,2
Ivano-Frankivsk	428	684,5	1,6	523	598,0	1,1
Kyiv	1008	2095,7	4,7	1934	3621,1	6,5
Kirovohrad	340	873,2	2,0	288	249,5	0,5
Luhansk	20	8,7	0,0	29	12,3	0,0
Lviv	1280	3024,8	6,9	2830	5387,5	9,7
Mykolayiv	314	1642,9	3,7	320	733,5	1,3
Odesa	1096	2400,1	5,4	1688	2132,5	3,9
Poltava	403	1867,0	4,2	552	1201,5	2,2
Rivne	413	744,2	1,7	533	550,9	1,0
Sumy	349	723,7	1,6	282	582,5	1,1
Ternopil	320	780,4	1,8	453	518,9	0,9
Kharkiv	1059	879,7	2,0	1731	1252,9	2,3
Kherson	110	57,0	0,1	116	36,8	0,1
Khmelnytskyi	388	780,2	1,8	541	707,5	1,3
Cherkasy	489	1293,9	2,9	513	607,0	1,1
Chernivtsi	315	286,6	0,6	386	486,3	0,9
Chernihiv	433	717,5	1,6	323	300,4	0,5
cities						
Kyiv	3845	10463,7	23,7	10818	22003,5	39,8
Sevastopol	...	...	...	...	...	...

¹ Including crude natural gas non-distributed by region

FOREIGN ECONOMIC ACTIVITY

20.3. Commodity structure of foreign trade in 2022

	Exports		Imports	
	mln. USD	percentage of total	mln. USD	percentage of total
Total	44135,6	100,0	55295,7	100,0
including				
by UCCFT ¹ category				
livestock and products of cattle farming	1471,8	3,3	1175,2	2,1
products of plant-growing industry	13472,7	30,5	1927,0	3,5
animal and vegetable oils and fats	5948,6	13,5	293,9	0,5
finished foodstuffs	2496,9	5,7	2645,1	4,8
mineral products	4322,5	9,8	13123,5	23,7
products of chemical industry and other industries related to chemical	1286,8	2,9	6213,4	11,2
polymeric materials, plastic and similar	470,1	1,1	3247,3	5,9
raw leather, cleansed leather	104,5	0,2	240,5	0,4
wood and wood products	1884,9	4,3	197,6	0,4
wood mass or mass of other fibrous cellulosic materials	277,5	0,6	760,5	1,4
textiles and textile products	671,5	1,5	2483,7	4,5
footwear, head-dress and umbrellas	175,1	0,4	570,9	1,0
articles of stone, plaster, cement	300,6	0,7	659,1	1,2
natural or cultured pearls, precious or semiprecious stones	41,0	0,1	70,2	0,1
non-precious metals and articles thereof	6003,5	13,6	2591,4	4,7
machines, equipment and machinery; electrotechnical equipment	3732,3	8,5	9159,2	16,6
vehicles for land transport, flying devices, floating crafts	360,5	0,8	5658,6	10,2
optical and photographic devices and instruments	121,0	0,3	1168,9	2,1
miscellaneous manufactured goods	972,4	2,2	713,2	1,3
art products	1,1	0,0	0,5	0,0
goods purchased at ports	0,7	0,0	69,2	0,1

¹ The Ukrainian Classification of Commodities in Foreign Trade

FOREIGN ECONOMIC ACTIVITY

20.4. Exports/imports of goods for processing, by country

(thsd. USD)

	Exports					Imports				
	2010	2015	2020	2021	2022	2010	2015	2020	2021	2022
Total	60718,0	67183,7	86290,8	95174,4	15846,9	3151515,8	2366554,0	2863715,3	3565673,5	2387142,8
including										
Australia	—	—	—	—	...	84,3	1348,0	231,2	38782,1	...
Austria	—	—	—	1,3	...	59212,0	38089,3	46728,1	57396,9	...
Bangladesh	—	—	—	—	...	1381,4	2482,8	1147,4	1133,9	...
Belgium	1418,3	—	—	—	...	39264,4	22678,4	20987,0	21042,5	...
belarus	205,2	111,5	79,6	657,4	...	2252,0	1305,6	13584,9	48175,9	...
Bulgaria	—	—	—	4,8	...	859,4	1309,3	4040,3	148487,8	...
Brazil	—	—	—	—	...	20635,1	15050,8	34519,0	51785,1	...
Viet Nam	—	—	—	—	...	762,2	557,8	2950,1	3590,0	...
Guyana	—	—	—	—	...	—	—	32288,0	40189,2	...
Guatemala	—	—	—	—	...	—	86364,6	53113,3	58962,0	...
Guinea	—	—	—	—	...	70012,1	110635,6	141620,7	135911,0	...
Hong Kong, Special administrative region of China	—	—	—	—	...	4904,6	1625,5	2579,0	4760,5	...
Greece	1476,4	—	—	—	...	226,1	766,4	1625,5	179,5	...
Denmark	—	—	32,5	—	...	9836,4	26155,1	32343,6	37365,5	...
Estonia	—	—	—	—	...	6061,9	1133,8	1488,6	3910,1	...
Israel	—	—	—	—	...	1079,6	2525,1	2406,1	6141,5	...
India	—	—	—	—	...	4789,2	12885,0	8734,2	12084,0	...
Indonesia	—	—	—	—	...	81066,7	3712,6	30575,1	10891,1	...
Ireland	—	—	—	—	...	1888,9	531,7	177,4	148,8	...
Spain	—	—	3,1	30,0	...	13419,5	16618,4	13434,9	17611,1	...
Italy	1447,6	649,4	1869,3	4169,7	...	156062,8	146277,1	138933,5	171979,4	...
Kazakhstan	—	—	—	—	...	16436,1	304,3	15592,7	9530,8	...
Canada	—	4,7	—	—	...	1318,6	672,3	791,6	956,1	...
China	242,5	38,5	29,4	—	...	35539,9	167474,8	325987,2	505388,5	...
Latvia	—	—	—	—	...	24136,4	9244,7	6457,7	14385,6	...
Lithuania	—	61,0	—	18,3	...	7041,4	6576,8	4336,7	10026,5	...
Luxembourg	—	—	—	—	...	995,4	595,1	514,0	701,8	...
Malaysia	—	—	—	—	...	1319,5	15340,3	18433,0	24631,7	...
Morocco	—	—	—	—	...	659,4	3604,0	7082,9	6578,8	...
Mexico	—	—	—	—	...	2771,8	6429,4	5915,2	6601,3	...
Netherlands	270,5	—	—	—	...	35758,3	35548,2	25256,4	32826,4	...
Germany	20201,8	8342,5	20275,7	25645,4	...	361692,6	384740,2	357443,7	354643,0	...

FOREIGN ECONOMIC ACTIVITY

Table 20.4 continued

	Exports					Imports				
	2010	2015	2020	2021	2022	2010	2015	2020	2021	2022
Norway	—	—	3026,2	5827,9	...	6049,2	3001,8	8526,5	11468,0	...
Pakistan	—	—	—	—	...	1007,1	1893,6	2136,2	1995,0	...
South Africa	—	—	—	—	...	16,2	7085,9	29670,9	31455,3	...
Poland	838,7	50,4	618,5	613,3	...	143737,4	304358,2	325297,1	338647,1	...
Portugal	—	0,6	—	—	...	12775,5	12303,1	11263,9	14073,7	...
Korea, Republic of	89,2	—	—	—	...	14744,4	23710,9	13810,0	20572,0	...
Moldova, Republic of	153,8	128,2	—	—	...	775,1	1052,9	11371,4	22203,3	...
russian federation	4494,3	39,7	7,6	—	...	1394055,1	72266,4	191820,1	65874,1	...
Romania	—	178,5	93,7	0,6	...	30679,8	28224,9	136796,6	143438,3	...
Singapore	—	—	—	—	...	2671,2	4268,5	3434,1	3346,3	...
Slovakia	—	—	10,5	223,4	...	11610,6	15095,8	16580,0	28590,7	...
Slovenia	—	497,3	1,4	—	...	1932,1	3471,6	3178,4	3126,8	...
United Kingdom of Great Britain and Northern Ireland	6169,8	3018,0	—	—	...	18819,9	17391,1	16673,6	11450,8	...
USA	—	160,6	118,3	90,7	...	43350,0	33426,5	36122,8	38712,5	...
Thailand	—	—	—	—	...	1495,6	14216,2	9869,5	17683,6	...
Taiwan, Province of China	—	4,9	—	—	...	7485,1	30486,6	47589,5	58602,2	...
Tunisia	123,1	—	—	—	...	578,9	4150,4	3597,6	29261,0	...
Turkey	—	179,3	31,0	61,2	...	42826,0	36321,5	47093,9	71412,5	...
Hungary	479,7	207,3	—	—	...	204685,0	283883,0	333483,0	346297,2	...
Uzbekistan	345,0	—	—	—	...	2070,8	—	693,3	793,3	...
Uruguay	—	—	—	—	...	29,4	3620,6	795,1	618,9	...
Philippines	—	—	—	—	...	807,7	4277,3	12654,2	18734,3	...
Finland	683,9	101,0	288,0	344,5	...	45472,4	17448,9	16716,6	11565,2	...
France	131,1	—	—	35,5	...	35563,3	35333,2	34145,1	34952,3	...
Croatia	—	—	—	—	...	596,2	15,2	356,8	323,6	...
Czechia	883,2	20,5	—	40,1	...	46726,4	87020,5	73590,0	154708,4	...
Switzerland	20832,7	52754,6	59412,3	57410,3	...	22896,0	24141,0	56750,8	66967,1	...
Sweden	—	19,2	393,7	—	...	45024,2	44838,4	6945,1	7958,6	...
Japan	—	—	—	—	...	8388,0	23820,2	23019,4	27366,3	...

FOREIGN ECONOMIC ACTIVITY

20.5. Foreign trade in services, by country

(mln. USD)

	Exports					Imports				
	2010 ¹	2015	2020	2021	2022	2010 ¹	2015	2020	2021	2022
Total	12324,2	9736,6	11547,2	12785,6	...	5467,2	5523,0	5876,5	7976,5	...
including										
Australia	3,1	2,1	9,4	20,7	...	0,9	0,9	2,9	3,2	...
Austria	182,8	145,5	177,9	253,5	...	144,0	93,1	112,5	116,7	...
Azerbaijan	25,3	31,3	23,6	37,2	...	13,1	10,2	27,9	22,3	...
Algeria	239,4	52,6	109,5	139,1	...	63,9	49,4	153,1	182,5	...
Bahamas	131,8	77,1	114,9	116,7	...	63,3	80,9	100,5	110,3	...
Belgium	30,1	43,6	48,2	66,5	...	17,5	19,2	27,0	70,9	...
belarus	203,2	175,5	156,6	100,8	...	92,0	42,2	7,1	4,6	...
Bulgaria	12,8	11,9	4,8	8,0	...	6,6	3,9	2,4	7,3	...
British Virgin Islands	17,9	31,2	63,7	91,1	...	7,5	14,7	4,4	11,7	...
Hong Kong, Special administrative region of China	80,7	30,3	12,2	12,2	...	23,9	24,4	10,5	47,8	...
Greece	54,1	39,1	35,3	46,8	...	17,7	11,8	33,9	53,3	...
Georgia	87,2	112,4	194,5	238,5	...	17,5	32,2	80,0	84,1	...
Denmark	114,0	114,6	203,0	150,8	...	12,1	30,0	46,3	65,5	...
Estonia	48,5	43,6	34,5	86,8	...	32,2	26,4	72,8	172,7	...
Egypt	64,5	144,5	215,1	294,7	...	28,7	24,2	33,9	42,5	...
Israel	31,2	45,6	96,7	148,1	...	4,7	13,1	9,1	8,6	...
India	48,4	26,9	119,4	124,6	...	10,2	49,5	262,4	376,6	...
Iraq	30,2	27,6	49,0	57,4	...	17,3	29,9	36,1	39,2	...
Ireland	127,2	133,3	88,4	106,4	...	35,2	34,8	40,9	44,5	...
Spain	83,7	65,7	31,9	52,5	...	22,1	14,0	23,3	28,2	...
Italy	101,9	71,0	106,1	120,9	...	38,5	43,8	55,8	22,2	...
Kazakhstan	0,0	0,0	5,0	6,9	...	0,0	0,8	2,0	6,9	...
Canada	73,9	40,6	124,3	95,7	...	17,5	128,4	197,2	284,3	...
China	418,7	251,2	408,6	386,1	...	817,6	287,7	238,6	361,7	...
Cyprus	31,7	75,7	44,5	54,9	...	32,0	36,0	42,8	71,5	...
Latvia	36,8	33,7	56,8	66,9	...	16,2	14,5	38,8	77,4	...
Lithuania	42,8	23,7	13,6	15,9	...	0,2	0,0	0,3	0,0	...
Liberia	5,0	5,2	27,6	32,0	...	5,9	83,3	67,1	110,9	...
Luxembourg	11,2	11,8	12,3	13,6	...	0,6	0,7	2,0	1,2	...
Malaysia	0,8	0,2	0,2	4,6	...	1,2	7,5	7,7	30,3	...
Malta	93,1	106,2	145,3	276,8	...	2,3	77,3	116,3	236,5	...
Morocco	2,7	7,7	20,6	21,7	...	0,5	0,4	0,3	0,7	...
Marshall Islands	25,2	80,6	36,3	45,2	...	0,1	0,4	0,3	0,3	...

FOREIGN ECONOMIC ACTIVITY

Table 20.5 continued

	Exports					Imports				
	2010 ¹	2015	2020	2021	2022	2010 ¹	2015	2020	2021	2022
Nigeria	8,5	12,6	13,0	16,7	...	0,7	0,9	0,4	0,6	...
Netherlands	103,2	111,8	243,3	303,5	...	125,1	140,7	112,5	141,9	...
Germany	337,2	452,0	630,4	725,6	...	353,4	538,5	420,2	490,0	...
Norway	41,3	22,7	38,2	45,8	...	10,5	42,2	42,2	13,8	...
United Arab Emirates	69,4	204,7	331,5	402,4	...	49,9	89,3	77,7	131,4	...
Panama	168,3	131,7	23,2	23,2	...	30,0	14,9	5,6	4,2	...
Poland	93,1	181,9	441,0	477,6	...	141,2	98,7	201,0	285,0	...
Portugal	10,9	5,8	6,3	7,7	...	54,1	8,3	3,8	15,2	...
Korea, Republic of	12,4	43,6	52,1	58,9	...	6,4	18,3	16,0	19,2	...
Moldova, Republic of	67,1	40,0	57,9	68,4	...	29,1	32,2	28,3	44,9	...
russian federation	5157,1	3039,8	2637,8	1945,2	...	793,5	653,9	176,0	189,4	...
Saudi Arabia	1,8	18,5	6,3	11,4	...	0,6	0,7	0,5	4,3	...
Romania	21,6	43,3	111,8	125,4	...	11,2	9,0	21,7	26,7	...
Serbia	12,1	12,2	13,1	14,8	...	7,2	1,2	4,2	8,3	...
Singapore	17,7	16,0	50,1	69,7	...	5,6	9,1	15,3	30,9	...
Slovakia	50,6	26,8	52,4	48,9	...	18,2	101,8	24,1	39,4	...
Slovenia	5,8	21,0	24,3	26,3	...	3,9	5,9	8,8	12,2	...
United Kingdom of Great Britain and Northern Ireland	557,8	553,3	635,7	784,5	...	598,8	717,1	519,7	609,6	...
USA	596,9	666,4	1419,2	1951,9	...	379,4	487,2	687,9	793,8	...
Turkey	154,6	163,3	146,0	184,6	...	224,7	195,3	441,3	952,2	...
Hungary	223,9	92,3	200,8	258,0	...	52,3	50,0	58,2	42,6	...
Uzbekistan	13,6	7,1	13,8	26,2	...	3,2	2,6	3,3	6,5	...
Finland	48,1	24,5	28,2	36,1	...	22,0	21,2	35,5	39,9	...
France	123,6	108,3	182,9	208,5	...	230,2	112,0	130,6	183,3	...
Croatia	6,1	2,9	6,9	7,6	...	5,9	2,8	7,3	11,0	...
Czechia	43,1	64,6	105,9	116,1	...	38,6	34,6	54,0	69,1	...
Montenegro	2,8	2,9	3,0	2,1	...	3,0	4,5	7,4	36,7	...
Switzerland	431,2	770,2	778,6	1189,7	...	178,6	234,6	217,2	279,9	...
Sweden	44,6	80,7	106,2	115,9	...	158,9	48,3	57,2	91,1	...
Sri Lanka	1,6	0,4	0,7	11,2	...	0,9	14,0	4,6	3,6	...
Japan	14,6	7,0	9,1	12,8	...	6,1	14,0	7,9	3,0	...

¹ The volumes of exports/imports of services have been updated in line with the Technique for retrospective recalculation of value of services for processing in external economic activity (SSSU decree № 419 of December 31, 2014) excluding distribution by country

21. DOMESTIC TRADE

Wholesale turnover is resale (sale without processing) by legal persons whose main type of activity is wholesale trade (hereinafter, the wholesalers) on behalf of their name of the new or consumed goods (finished products) at the moment of their dispatch, purchasing on one's own account without any changes (apart from conventional trade-related operations: weighting, sorting of large lots of goods, packing, dividing into lots, distributing, stacking, mixing, etc) to retailers, enterprises and organizations or other wholesalers (apart from the population) to be used or further sale within Ukraine and for exports. Wholesale turnover excludes VAT.

Turnover of retail trade is a summarized measure which consists of retail turnover of legal persons (hereinafter, the retailers) and natural persons-entrepreneurs whose main type of economic activity is retail trade.

The indicator is calculated in accordance with the Methodology for calculating the turnover of retail trade, taking into account the activities of individual entrepreneurs, approved by the order of the State Statistics Service dated 04.04.2016 № 53, starting from 2017.

Retail turnover is a part of the turnover of enterprises by type of economic activity retail trade, which includes income from the resale mainly to the population of new or used goods (for cash, bank payment cards, etc) as in in-store and out-of-store, including value added tax.

The **index of the physical volume** of retail trade turnover or retail trade turnover is calculated on the basis of the Methodological recommendations for calculating the indices of the physical volume of retail trade turnover, approved by the order of the State Statistics Committee of 06.11.2000 № 353.

DOMESTIC TRADE

21.1. Wholesale and retail turnover of wholesale and retail enterprises

	2017	2018	2019	2020	2021	2022
Wholesale turnover of wholesale enterprises, bln. UAH	1908,7	2215,4	2322,2	2462,6	3153,2	...
Share of goods in wholesale turnover of wholesale enterprises, percent						...
food products	16,5	16,1	16,9	17,8	15,6	...
manufactured goods	83,5	83,9	83,1	82,2	84,4	...
Turnover of retail trade, bln. UAH	815,3	930,6	1094,0	1201,6	1443,8	1396,3
including retail turnover of retail enterprises	586,3	668,4	793,5	868,3	1044,5	971,1
Share of goods in retail turnover of retail enterprises, percent						
food products	39,8	43,3	42,4	44,2	43,1	...
manufactured goods	60,2	56,7	57,6	55,8	56,9	...

21.2. Wholesale turnover of wholesale enterprises, by region

(mln. UAH)

	2010	2015	2017	2018	2019	2020	2021	2022
Ukraine	993695,8	1244220,8	1908670,6	2215367,4	2322176,9	2462558,8	3153187,3	...
Autonomous Republic of Crimea	13714,8	...	...	...	...	...	...	...
oblasts								
Vinnitsya	8457,2	18228,0	18838,4	24045,3	24885,9	30701,1	39539,8	...
Volyn	15810,2	18495,0	72637,7	86133,4	43603,8	65907,4	42162,6	...
Dnipropetrovsk	98919,8	93252,0	149822,4	154530,6	198109,7	207136,7	246921,1	...
Donetsk	173920,2	68053,0	57418,5	60669,1	61815,0	56132,8	106240,2	...
Zhytomyr	13616,4	6689,5	18193,1	22013,6	20869,4	18054,0	26411,3	...
Zakarpattia	6770,3	14000,1	6454,1	8873,7	7990,5	10984,3	12908,7	...
Zaporizhzhya	25661,9	22811,8	39675,0	49225,1	50512,7	47905,7	56001,8	...
Ivano-Frankivsk	8616,9	9244,6	12225,3	15606,0	37568,0	31970,3	25322,4	...
Kyiv	43988,9	83826,2	122010,3	149488,5	157062,7	149793,1	186850,1	...
Kirovohrad	8409,7	14450,8	20211,6	22908,4	25857,6	29986,8	37935,3	...
Luhansk	22089,8	3800,9	4770,6	6246,0	5689,6	5681,7	6648,8	...
Lviv	23915,6	36354,2	43280,5	59296,6	64574,6	84299,1	139111,9	...
Mykolayiv	21057,3	23706,5	37269,0	46966,5	58397,5	48576,9	80232,5	...
Odesa	46337,3	43597,4	91670,6	109362,7	107057,1	124779,8	159203,5	...
Poltava	32607,6	16224,3	27088,5	30873,7	37817,5	31480,1	41293,8	...
Rivne	3729,2	6231,1	8984,2	9896,2	12202,5	14074,9	19901,2	...
Sumy	5261,3	11052,9	16952,2	21556,5	21853,7	17425,5	24740,7	...
Ternopil	4944,0	30458,6	11775,6	14023,5	12937,9	13849,5	26345,7	...
Kharkiv	46662,4	62936,7	79989,3	78960,5	83122,2	85847,7	108448,3	...
Kherson	10473,0	8967,4	12630,3	11985,2	12611,4	11338,1	18616,0	...
Khmelnyskiy	5009,4	6876,3	15715,8	17776,8	18556,2	20633,2	24358,3	...
Cherkasy	9841,5	23101,2	26939,2	37358,3	45182,2	47086,2	66824,4	...
Chernivtsi	2529,6	3690,8	5106,7	6517,9	8459,8	8482,4	10882,4	...
Chernihiv	5926,9	9863,4	12413,9	17559,3	19902,7	18398,8	20305,4	...
cities								
Kyiv	324179,1	608308,1	996597,8	1153494,0	1185536,7	1282032,7	1625981,1	...
Sevastopol	11245,5	...	...	...	...	...	...	...

DOMESTIC TRADE

21.3. Wholesale turnover of wholesale enterprises, by goods groups

	Mln. UAH			Percent of total		
	2020	2021	2022	2020	2021	2022
All commodities	2462558,8	3153187,3	...	100,0	100,0	...
Food products	437577,3	490576,1	...	17,8	15,6	...
meat and meat products	41797,9	50220,9	...	1,7	1,6	...
dairy products, butter and cheese	25824,5	26756,6	...	1,0	0,9	...
eggs	2058,2	2475,6	...	0,1	0,1	...
edible oils and fats	18402,4	20518,1	...	0,7	0,7	...
including vegetable oil	16292,5	18531,7	...	0,7	0,6	...
alcoholic beverages	43366,5	47655,5	...	1,8	1,5	...
including						
distilled alcoholic beverages	22048,1	25776,0	...	0,9	0,8	...
fresh grape wines and mash grape	6898,2	7457,5	...	0,3	0,2	...
cider and other fruit and berries wines	561,6	771,9	...	0,0	0,0	...
vermouth and other flavoured fresh grape wines	1982,0	2211,0	...	0,1	0,1	...
beer, apart from brewery waste	11876,6	11439,1	...	0,5	0,4	...
mineral waters and soft drinks and fruit and vegetable juices	19239,4	22408,8	...	0,8	0,7	...
tobacco products, apart from tobacco waste	122765,2	136660,4	...	5,0	4,3	...
bakery products and flour confectionary	7033,3	8302,9	...	0,3	0,3	...
sugar	5192,2	6824,9	...	0,2	0,2	...
sugar confectionary products and chocolate	24412,9	27040,8	...	1,0	0,9	...
coffee, tea, cocoa and spices	14337,2	15245,8	...	0,6	0,5	...
fish, crustacean and molluscs	15079,3	17153,1	...	0,6	0,5	...
fruit and vegetables, processed	5339,7	5885,0	...	0,2	0,2	...
fresh fruit and vegetables	19909,1	20374,5	...	0,8	0,6	...
other food products	72819,5	83053,2	...	3,0	2,6	...
including						
rice	1273,6	1280,3	...	0,1	0,0	...
flour	1545,7	1896,4	...	0,1	0,1	...
cereals and coarse flour	1899,9	2333,5	...	0,1	0,1	...
macaroni	1190,5	1619,8	...	0,0	0,1	...
edible salt	1421,4	1426,9	...	0,1	0,0	...

DOMESTIC TRADE

Table 21.3 continued

	Min. UAH			Percent of total		
	2020	2021	2022	2020	2021	2022
Manufactured goods	2024981,5	2662611,2	...	82,2	84,4	...
motor vehicles for light loads	76628,0	100482,7	...	3,1	3,2	...
freight motor vehicles	9393,5	12653,1	...	0,4	0,4	...
tires and rubber bags for vehicles	12894,4	16999,9	...	0,5	0,5	...
parts and equipment for cars and motor vehicles	50750,6	65650,6	...	2,1	2,1	...
motorcycles, parts and equipment for them	412,3	572,8	...	0,0	0,0	...
wheat	152834,4	219942,5	...	6,2	7,0	...
including						
hard wheat	62455,5	94419,3	...	2,5	3,0	...
corn	71612,1	97374,5	...	2,9	3,1	...
barley	16712,6	24967,8	...	0,7	0,8	...
seeds and fruits of oilseeds	46841,1	69137,0	...	1,9	2,2	...
feedstuffs for animals	8346,8	9563,3	...	0,3	0,3	...
other agricultural raw materials	8893,8	12934,0	...	0,4	0,4	...
live animals	497,5	821,5	...	0,0	0,0	...
textile products, clothes and footwear	9274,4	10129,2	...	0,4	0,3	...
household electrical appliances and electronic equipment for receiving, recording, reproducing sound and images	45115,1	57305,4	...	1,8	1,8	...
articles made from ceramics and glass	3850,5	4732,0	...	0,2	0,2	...
cleans and lustre preparations	10727,4	9387,2	...	0,4	0,3	...
perfumery and cosmetics	33591,7	32817,0	...	1,4	1,0	...
basic pharmaceutical products	176402,9	212668,2	...	7,2	6,7	...
surgical, medical and orthopedic instruments and devices	21470,4	24704,5	...	0,9	0,8	...
furniture, carpets and illuminating devices	5973,6	6376,0	...	0,2	0,2	...
watches and jewellery	293,8	c	...	0,0	c	...
wood products, cork, wicker and knife-made	1147,3	3252,0	...	0,0	0,1	...
books, newspapers, magazines and periodicals, printed and in electronic formats	961,2	1068,3	...	0,0	0,0	...
stationery	3207,4	3640,2	...	0,1	0,1	...
other consumer goods	18260,9	19775,0	...	0,7	0,6	...
including sporting goods	1901,8	2652,2	...	0,1	0,1	...
information and communication equipment	34483,7	52612,7	...	1,4	1,7	...
machinery and equipment for agriculture, mining and construction, textile, clothing and knitwear production	34987,5	46821,8	...	1,4	1,5	...
office furniture, machinery and equipment	5030,0	7754,3	...	0,2	0,2	...
other machinery and equipment	38337,3	44498,8	...	1,6	1,4	...
fuel solid	29501,6	37941,4	...	1,2	1,2	...
including black coal	22390,8	29222,1	...	0,9	0,9	...

DOMESTIC TRADE

Table 21.3 continued

	Mln. UAH			Percent of total		
	2020	2021	2022	2020	2021	2022
motor fuel	269615,1	390267,1	...	10,9	12,4	...
including						
petrol for motor vehicles including aircraft						
gasoline	53132,6	82293,4	...	2,2	2,6	...
gas oil (diesel fuel)	190404,5	271348,1	...	7,7	8,6	...
liquid propane and butane	25812,2	36293,7	...	1,0	1,2	...
fuel solid, liquid and gaseous other	36365,7	25562,3	...	1,5	0,8	...
including						
heavy fuel oil	1243,3	1987,6	...	0,1	0,1	...
oils and lubricants; hard oil distillates	12124,4	15276,4	...	0,5	0,5	...
basic ferrous metals: iron, cast iron, steel and ferroalloys	84089,6	149656,6	...	3,4	4,7	...
including						
ferroalloys	2994,8	5396,6	...	0,1	0,2	...
steel	4158,8	c	...	0,2	c	...
flat section hot rolled of plating steel, with galvanic or other coating, flat products of high cutting steel and silicone						
electrotechnical steel	4023,7	7240,8	...	0,2	0,2	...
flat section hot rolled of steel	17277,7	31896,1	...	0,7	1,0	...
cold rolled flat products from non-alloyed steel width not less than 600 mm	7954,7	13143,1	...	0,3	0,4	...
rods and cores, heat treated, from steel and tongued and grooved pales and structural elements of rail and tram tracks, heat treated, from ferrous metals	26204,3	46943,2	...	1,1	1,5	...
tubes, hollow lances, cross sections and fittings of steel	15949,5	24734,3	...	0,6	0,8	...
products of other primary processing of steel other	3588,2	3892,8	...	0,1	0,1	...
pellets and powders from processed or mirror pig iron or from ferrous metals	34,0	c	...	0,0	c	...
metal ore	8702,9	c	...	0,4	c	...
non-ferrous metals (excluding precious metals) – aluminum, lead, zinc and tin, copper, other non-ferrous metals	4698,8	5853,7	...	0,2	0,2	...
wood and wood products	9611,6	13299,1	...	0,4	0,4	...
sanitary equipment	6574,6	8083,4	...	0,3	0,3	...
paints, varnishes and enamels	6283,6	8138,4	...	0,3	0,3	...
sheet glass	2727,2	5557,4	...	0,1	0,2	...
wallpaper, floor coverings (except carpets)	4957,9	5406,1	...	0,2	0,2	...
other construction materials	62401,2	78175,3	...	2,5	2,5	...
hardware, plumbing and heating equipment	17290,3	21024,3	...	0,7	0,7	...
fertilizers, agrochemical products	145760,7	220185,0	...	5,9	7,0	...
industrial chemicals	27235,4	35671,2	...	1,1	1,1	...
paper and carton	4335,7	7196,8	...	0,2	0,2	...
plastics and rubber in primary forms	9210,7	11689,8	...	0,4	0,4	...
wastes and scrap	25573,2	44585,8	...	1,0	1,4	...
other non-food products	459438,2	538012,6	...	18,7	17,1	...

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21.4. Retail turnover of retail enterprises, by region

	Mln. UAH				At comparable prices, percent of the previous year			
	2019	2020	2021	2022	2019	2020	2021	2022
Ukraine	1094045,8	1201624,0	1443832,9	1396268,8	110,3	107,6	110,7	78,6
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...
oblasts								
Vinnitsya	32144,2	33021,3	41569,6	...	119,1	102,3	118,6	...
Volyn	19619,7	22497,1	26598,4	...	112,4	110,8	108,2	...
Dnipropetrovsk	102461,5	114221,3	132227,3	...	112,7	110,3	107,6	...
Donetsk	35319,2	37386,8	43635,0	...	110,9	103,2	106,3	...
Zhytomyr	26027,5	27816,3	34397,5	...	104,0	106,2	114,9	...
Zakarpattia	23519,8	22828,5	30118,6	...	100,9	94,7	121,4	...
Zaporizhzhya	45223,6	52262,9	62151,3	...	110,2	114,6	110,3	...
Ivano-Frankivsk	25805,3	27374,5	33013,2	...	109,4	104,5	111,4	...
Kyiv	83453,1	99186,1	120866,3	...	120,6	116,3	111,6	...
Kirovohrad	19679,5	22369,8	26378,6	...	111,7	111,3	109,3	...
Luhansk	10561,9	11307,3	13147,1	...	119,2	104,7	106,4	...
Lviv	66601,9	70602,2	89383,7	...	107,8	103,3	117,2	...
Mykolayiv	25487,9	26764,3	32688,6	...	106,2	103,8	112,6	...
Odesa	81447,5	88061,4	105796,4	...	111,0	106,2	110,2	...
Poltava	34301,1	39098,1	48945,7	...	103,6	112,2	116,1	...
Rivne	20642,3	21794,2	27370,2	...	111,3	103,2	115,5	...
Sumy	21348,1	22833,0	27469,0	...	102,2	105,1	109,9	...
Ternopil	16145,9	17790,9	23258,0	...	117,1	109,7	123,9	...
Kharkiv	82126,9	87393,7	97012,0	...	105,5	103,6	101,7	...
Kherson	23690,9	25388,6	29780,3	...	102,3	105,3	108,8	...
Khmelnyskiy	24234,6	27809,5	33622,9	...	111,5	111,7	112,1	...
Cherkasy	27126,2	29387,6	36836,2	...	115,0	106,0	114,7	...
Chernivtsi	15282,8	16088,6	22030,8	...	95,3	103,1	127,4	...
Chernihiv	19282,1	22119,6	26744,5	...	101,4	112,4	111,6	...
cities								
Kyiv	212512,3	236220,4	278791,7	...	114,2	108,7	108,0	...
Sevastopol	...	...	...	...	...	...	...	...

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21.5. Volume indices of retail turnover of retail enterprises

(at comparable prices; percent of the previous year)

	2017	2018	2019	2020	2021	2022
All goods	106,0	105,8	111,4	107,2	110,9	75,5
Food products	105,5	111,2	105,8	109,6	105,7	...
foodstuffs	106,8	114,6	107,0	109,8	107,0	...
alcoholic beverages	99,8	113,2	104,4	109,7	111,4	...
Manufactured goods	106,4	102,1	115,6	105,4	115,0	...

21.6. Retail turnover of retail enterprises, by region

(mln. UAH)

	2017	2018	2019	2020	2021	2022
Ukraine	586330,1	668369,6	793479,2¹	868283,3¹	1044516,5¹	971141,6
Autonomous Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnitsya	12280,7	14707,8	18494,9	19460,2	24991,3	...
Volyn	9556,4	10295,4	12334,2	14361,2	16570,1	...
Dnipropetrovsk	56060,4	66023,9	79200,4	87987,0	102431,6	...
Donetsk	15766,7	19243,1	23105,2	24513,3	28819,1	...
Zhytomyr	12381,5	14465,8	16465,7	17980,4	22162,0	...
Zakarpattia	12196,8	13560,6	14951,1	14006,1	19234,6	...
Zaporizhzhya	25530,6	27779,1	32942,6	37242,7	44126,2	...
Ivano-Frankivsk	11402,1	13345,1	15804,1	17054,9	20748,1	...
Kyiv	41771,5	49871,5	65042,2	76812,6	95103,6	...
Kirovohrad	10423,5	11473,0	13879,2	15443,6	18615,2	...
Luhansk	3229,5	4393,0	5264,9	6132,3	7302,6	...
Lviv	37054,2	42944,0	49898,3	53113,8	67023,4	...
Mykolayiv	13208,1	14947,3	17393,2	18489,2	22536,9	...
Odesa	47001,6	53107,6	62660,0	66979,4	80329,3	...
Poltava	16675,0	19585,9	22331,2	25557,1	31166,6	...
Rivne	9403,4	10749,2	12561,8	13280,4	16883,1	...
Sumy	9671,0	11526,4	13015,1	14076,1	16870,4	...
Ternopil	6528,2	7169,4	8820,5	9633,6	12975,9	...
Kharkiv	46078,5	51926,0	58839,3	61838,1	67946,6	...
Kherson	12689,1	14720,8	16436,5	17703,3	20658,1	...
Khmelnyskiy	11289,3	11604,5	13864,9	15908,8	19481,6	...
Cherkasy	11327,9	12567,3	15173,0	16382,9	21066,0	...
Chernivtsi	7194,0	8040,9	8129,1	8469,7	10908,0	...
Chernihiv	10285,1	11448,4	12710,5	14505,5	17190,3	...
cities						
Kyiv	137325,0	152873,6	184161,5	201350,9	239375,8	...
Sevastopol	...	...	...	...	...	...

¹ The differences between the sum and the sum of summands are explained by rounding the data

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21.7. Volume indices of retail turnover of retail enterprises, by goods groups*(at comparable prices; percent of the previous year)*

	2017	2018	2019	2020	2021	2022
All commodities	106,0	105,8	111,4	107,2	110,9	75,5
Food products	105,5	111,2	105,8	109,6	105,7	...
meat and meat products	96,3	110,1	108,4	110,5	103,8	...
fish, crustaceans and molluscs (including fish products)	117,0	126,5	110,8	118,1	111,7	...
rennet cheese, processed and lactic cheese	101,0	113,1	113,9	112,6	103,7	...
butter and pasty dairy products	90,0	105,2	112,9	115,8	97,0	...
eggs	109,4	101,1	117,9	117,8	87,2	...
vegetable oil	96,6	112,0	98,1	115,1	92,1	...
cereals	122,9	124,6	102,6	91,7	99,7	...
macaroni	113,6	109,0	94,8	149,6	129,6	...
sugar	118,0	105,4	109,9	99,1	90,3	...
coffee	107,2	116,2	111,0	111,6	103,7	...
tea	103,7	111,3	106,5	109,5	102,6	...
bakery products and confectionary	110,6	108,7	109,4	100,3	109,2	...
sugar confectionery	118,3	119,9	112,6	105,3	111,8	...
fresh fruit and vegetables	105,6	118,1	102,4	119,0	111,6	...
alcoholic beverages	99,8	113,2	104,4	109,7	111,4	...
other beverages (non-alcoholic)	113,1	117,0	108,9	105,1	115,9	...
Manufactured goods	106,4	102,1	115,6	105,4	115,0	...
clothes	118,7	118,6	120,5	102,2	134,8	...
footwear	105,5	105,3	131,7	108,8	133,4	...
cosmetic products and products for toilets	113,6	106,9	121,7	101,0	110,5	...
household detergents, cleaners and care products	117,3	126,2	113,6	111,5	111,6	...
watches and jewellery	82,5	281,7	227,9	86,2	116,5	...
books, newspapers and magazines	104,9	108,4	95,1	99,7	116,0	...
computers, networking, software	107,1	108,8	163,7	141,1	139,1	...
household equipment for receiving, recording, reproducing sound and images	100,1	166,1	124,5	139,7	107,4	...
household home appliances and lighting accessories	154,8	105,3	120,9	116,0	107,2	...
furniture	153,3	114,9	128,4	113,4	120,8	...
wallpaper, floor coverings, carpets and rugs	130,4	107,8	106,6	106,9	101,0	...
construction materials and products of iron	118,0	104,8	101,3	102,8	99,6	...
pharmaceuticals, medical and orthopaedic goods	113,1	110,9	115,6	104,7	100,1	...
cars and automobile goods	119,6	97,2	128,2	105,2	119,5	...
petrol engine and gas oil (diesel fuel)	91,9	77,2	115,3	112,9	145,0	...
propane, butane and methane for cars	130,4	91,3	138,7	114,9	107,2	...

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21.8. Retail turnover of retail enterprises, by goods groups

	Min. UAH			Percent of total		
	2020	2021	2022	2020	2021	2022
All commodities	868283,3	1044516,5	971141,6	100,0	100,0	100,0
Food products	384091,6	449762,3	...	44,2	43,1	...
meat	17457,4	19442,8	...	2,0	1,9	...
meat products	26739,1	30588,3	...	3,1	2,9	...
fish, crustaceans and molluscs (including fish products)	18623,0	22255,1	...	2,1	2,1	...
dairy products	44317,7	49053,8	...	5,1	4,7	...
including						
milk	8350,1	8804,5	...	1,0	0,8	...
rennet cheese, processed and lactic cheese	17889,8	19889,4	...	2,1	1,9	...
butter and pasty dairy products	5906,0	6229,8	...	0,7	0,6	...
eggs	5855,9	7503,2	...	0,7	0,7	...
edible oils and fats	5169,1	7054,2	...	0,6	0,7	...
including vegetable oil	4115,1	5878,5	...	0,5	0,6	...
bakery products and flour confectionery	29992,8	37562,0	...	3,5	3,6	...
including flour confectionery	15502,4	19040,7	...	1,8	1,8	...
sugar confectionery	28366,7	33782,5	...	3,3	3,2	...
fresh fruit and vegetables	31355,4	34235,0	...	3,6	3,3	...
including fresh vegetables	13136,0	13799,2	...	1,5	1,3	...
processed fruits and vegetables	11546,8	13592,0	...	1,3	1,3	...
alcoholic beverages	59846,0	68360,0	...	6,9	6,6	...
other non-alcoholic beverages	20874,8	25301,3	...	2,4	2,4	...
including						
juices	4759,1	5773,1	...	0,5	0,6	...
mineral waters	7667,6	8574,0	...	0,9	0,8	...
coffee, tea, cocoa and spices	13637,4	15074,3	...	1,6	1,4	...
including						
coffee	7428,3	7882,5	...	0,9	0,8	...
tea	3939,6	4168,7	...	0,5	0,4	...
homogenized and dietetic foods (including baby foods)	6277,4	7515,4	...	0,7	0,7	...
other food products	33258,1	41407,6	...	3,8	4,0	...
including						
sugar	2951,3	4303,8	...	0,3	0,4	...
flour	1779,4	1867,9	...	0,2	0,2	...
cereals	6006,9	6847,0	...	0,7	0,7	...
macaroni	5914,8	8482,6	...	0,7	0,8	...
edible salt	454,4	457,0	...	0,1	0,0	...
tobacco products (including related products)	30774,0	37034,8	...	3,5	3,6	...

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Table 21.8 continued

	Mln. UAH			Percent of total		
	2020	2021	2022	2020	2021	2022
Manufactured goods	484191,7	594754,2	...	55,8	56,9	...
textile goods, curtains, drapes and tulle	2915,8	3314,1	...	0,3	0,3	...
clothes	25112,0	32352,6	...	2,9	3,1	...
footwear	8170,9	10212,9	...	0,9	1,0	...
cosmetic products and products for toilets	31028,5	34716,6	...	3,6	3,3	...
watches and jewellery	1788,3	2331,7	...	0,2	0,2	...
books, newspapers, magazines	1816,9	2201,5	...	0,2	0,2	...
stationery	2141,5	2422,0	...	0,2	0,2	...
computers, networking, software	9903,7	13527,2	...	1,1	1,3	...
household electrical appliances and electronic equipment for receiving, recording, reproducing sound and images	8301,3	9037,6	...	1,0	0,9	...
telecommunication equipment	16083,2	21084,0	...	1,8	2,0	...
including telephone sets mobile	13198,7	17990,5	...	1,5	1,7	...
games and toys	4725,3	6108,5	...	0,5	0,6	...
motorcycles, parts and accessories	555,9	641,0	...	0,1	0,1	...
cars, parts and accessories	65005,8	80561,7	...	7,5	7,7	...
including cars	55218,1	69685,1	...	6,4	6,7	...
tools and equipment for camping, sports	3425,3	3773,2	...	0,4	0,4	...
furniture	6651,9	8584,5	...	0,8	0,8	...
wallpaper, floor coverings, carpets and rugs	6631,8	7087,7	...	0,8	0,7	...
household electrical appliances	24894,2	27024,5	...	2,9	2,6	...
lighting accessories	3476,3	4095,0	...	0,4	0,4	...
ceramics, glass, wood, cork, wicker, cutlery, non-electric household products	7946,2	8803,6	...	0,9	0,8	...
construction materials and products of iron	25921,2	27253,0	...	3,0	2,6	...
gardening equipment and inventory, hand tools	5832,9	7499,8	...	0,7	0,7	...
pharmaceuticals	85015,1	87695,7	...	9,8	8,4	...
medical and orthopedic goods	15388,9	17760,7	...	1,8	1,7	...
petrol engine	28063,5	49329,5	...	3,2	4,7	...
gas oil (diesel fuel)	22254,3	39365,0	...	2,6	3,8	...
propane, butane and methane for cars	16661,9	25416,5	...	1,9	2,4	...
animals – pets and food for them	4364,5	5468,6	...	0,5	0,5	...
other manufactured goods	50114,6	57085,5	...	5,8	5,5	...
including detergents, household cleaning and care products	18606,9	20785,1	...	2,1	2,0	...

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**21.9. Share of sale of goods produced on the territory of Ukraine and sold
by retail trade enterprises**

	(percent)					
	2017	2018	2019	2020	2021	2022
All commodities	52,3	53,2	52,4	53,4	53,1	...
Food products	82,2	81,4	80,0	79,4	77,6	...
meat	95,6	96,5	97,1	96,5	96,2	...
meat products	93,7	94,1	93,2	93,9	92,4	...
fish, crustaceans and molluscs (including fish products)	61,8	60,6	72,9	73,2	74,4	...
dairy products	90,4	89,6	89,4	86,8	84,1	...
including						
milk	—	—	95,5	94,0	91,8	...
rennet cheese, processed and lactic cheese	85,1	83,7	80,3	76,2	71,9	...
butter and pasty dairy products	96,1	96,5	96,4	95,1	91,4	...
eggs	98,5	99,2	99,1	99,1	99,0	...
edible oils and fats	92,9	92,9	86,5	84,5	85,8	...
including vegetable oil	92,6	92,8	84,0	81,4	83,8	...
bakery products and flour confectionery	95,1	95,3	92,9	92,1	92,0	...
including flour confectionery	93,1	93,5	90,1	88,5	88,0	...
sugar confectionery	85,9	85,1	76,1	74,9	73,7	...
fresh fruit and vegetables	56,3	57,3	46,2	47,2	47,5	...
including fresh vegetables	84,2	85,4	70,5	74,1	76,5	...
processed fruit and vegetables	67,2	65,5	69,8	70,0	69,5	...
alcoholic beverages	77,5	75,3	73,4	71,1	67,7	...
other non-alcoholic beverages	91,7	91,7	89,8	88,8	87,1	...
including						
juices	93,5	94,7	94,1	92,7	90,6	...
mineral waters	89,7	88,9	86,4	85,5	84,3	...
coffee, tea, cocoa and spices	55,2	54,6	69,2	72,0	71,7	...
including						
coffee	42,2	40,2	65,8	68,6	67,8	...
tea	74,0	76,1	72,9	77,0	75,9	...
homogenized and dietetic foods (including baby foods)	42,8	42,6	59,9	61,6	64,2	...
other food products	85,5	84,3	81,8	82,3	83,7	...
including						
sugar	97,1	96,9	96,3	96,3	97,2	...
flour	94,9	94,7	91,9	95,7	95,1	...
cereals	92,6	92,1	79,9	79,7	79,3	...
macaroni	74,9	72,9	65,8	72,9	79,3	...
edible salt	95,0	94,9	93,4	93,7	90,8	...
tobacco products (including related products)	88,1	87,0	85,7	87,0	73,4	...

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Table 21.9 continued

	2017	2018	2019	2020	2021	2022
Manufactured goods	32,6	31,7	32,0	32,9	34,5	...
textile goods, curtains, drapes and tulle	25,9	28,7	34,6	35,5	33,5	...
clothes	8,2	8,8	7,7	7,2	6,2	...
footwear	3,7	4,2	6,0	7,5	7,8	...
cosmetic products and products for toilets	17,6	18,9	23,7	26,0	24,9	...
watches and jewellery	14,9	4,8	3,3	4,0	2,0	...
books, newspapers, magazines	79,8	79,7	84,0	79,9	74,6	...
stationery	50,4	51,2	55,0	55,5	56,1	...
computers, networking, software	1,0	1,9	3,1	3,7	3,6	...
household electrical appliances and electronic equipment for receiving, recording, reproducing sound and images	0,4	0,4	0,5	1,3	1,5	...
telecommunication equipment	0,1	0,1	0,2	0,3	0,3	...
including telephone sets mobile	0,0	0,0	0,1	0,2	0,1	...
games and toys	13,2	13,1	15,7	19,5	20,4	...
motorcycles, parts and accessories	1,4	2,2	2,0	0,9	0,9	...
cars, parts and accessories	5,3	4,4	4,1	4,0	3,6	...
including cars	3,2	3,6	2,3	1,8	2,3	...
tools and equipment for camping, sports	21,7	21,6	27,1	25,3	25,6	...
furniture	43,6	48,3	51,4	48,9	42,6	...
wallpaper, floor coverings, carpets and rugs	44,6	45,3	46,3	49,0	48,0	...
household electrical appliances	8,0	8,3	8,5	8,4	8,5	...
lighting accessories	37,4	38,2	38,6	42,4	42,9	...
ceramics, glass, wood, cork, wicker, cutlery, non-electric household products	32,6	30,8	46,6	47,5	46,5	...
construction materials and products of iron	55,1	56,1	55,1	53,4	51,8	...
gardening equipment and inventory, hand tools	41,4	39,1	38,2	34,2	28,9	...
pharmaceuticals	49,8	50,2	50,0	49,8	49,3	...
medical and orthopedic goods	42,6	43,8	46,5	46,6	47,3	...
petrol engine	58,6	58,1	60,5	64,4	72,9	...
gas oil (diesel fuel)	52,7	52,3	57,8	65,6	71,5	...
propane, butane and methane for cars	60,5	53,7	57,9	67,2	65,2	...
animals – pets and pet food	23,9	21,2	30,7	30,1	33,7	...
other manufactured goods	30,3	31,5	28,8	31,2	32,1	...
including detergents, household cleaning and care products	32,4	31,4	32,3	33,3	30,8	...

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21.10. Retail sales of retail enterprises by product groups*(thsd.t)*

	2017	2018	2019	2020	2021	2022
Meat	195,8	213,9	186,3	201,1	204,6	...
Meat products	142,2	150,0	187,9	205,8	213,1	...
Fish, crustaceans and molluscs (including fish products)	91,3	104,7	113,3	122,6	135,7	...
Milk	—	—	325,5	321,0	304,3	...
Rennet cheese, processed and lactic cheese	76,6	88,6	101,6	116,0	112,3	...
Butter and pasty dairy products	24,7	25,6	29,4	32,2	30,5	...
Eggs, mln	2277,6	2336,4	2539,1	2879,2	2466,0	...
Vegetable oil	82,7	93,7	89,2	99,7	95,5	...
Flour	110,3	115,4	120,8	127,8	113,6	...
Cereals	189,8	200,6	205,2	207,0	200,4	...
Macaroni	107,2	111,3	111,3	152,3	190,6	...
Edible salt	59,0	62,3	57,1	57,5	56,0	...
Sugar	167,8	169,6	192,5	190,5	174,4	...
Coffee	13,3	14,7	15,5	18,8	18,2	...
Tea	8,3	9,0	9,1	9,1	8,8	...
Bakery and flour confectionery	583,4	595,3	596,7	577,7	599,8	...
including flour confectionery	166,5	172,5	179,3	170,7	175,4	...
Sugar confectionery	143,0	169,0	188,7	187,2	199,4	...
Fresh fruit and vegetables	853,0	933,8	960,9	1067,0	1123,1	...
including fresh vegetables	477,8	519,1	497,2	587,0	577,5	...
Processed fruit and vegetables	79,1	92,2	105,7	121,1	120,2	...
Juices, mln. dal	14,7	16,2	17,7	18,5	20,2	...
Mineral waters, mln. dal	60,5	71,4	85,0	90,1	89,0	...
Alcoholic beverages, mln. dal						
vodka and alcoholic beverages	7,3	7,6	7,4	7,6	8,0	...
low-alcohol beverages	3,1	3,7	3,8	4,4	4,9	...
wine	6,7	7,0	7,0	8,0	8,8	...
cognac	1,5	1,7	1,9	2,1	2,2	...
sparkling wines (champagne)	2,2	2,7	2,8	3,3	3,5	...
beer	60,7	66,4	69,7	73,5	76,1	...
in absolute alcohol	6,7	7,2	7,4	7,9	8,3	...

22. INFORMATION SOCIETY

Website is a set of webpages united by contents accessible on the Internet. Information is coded using special languages (language to describe hypertext documents (HTML, XML, Java)) that are read with the help of Web information systems for navigation and browsing such as Microsoft Internet Explorer, Opera, Mozilla Firefox, etc.

The services of cloud-based calculations are supplied (rented) from servers of services providers and permit consumers, from any computer with access to the Internet, to use the software, computer power, disk-related space, etc. for data remote processing and preservation.

Electronic commerce is an economic activity in the sphere of electronic buying/selling, distance sale of goods to customer by making electronic transactions through the use of information and telecommunication systems.

Volume of the sold products (goods, services) is defined according to the sale price for the finished products (goods, services) shipped outside an enterprise and which is mentioned in the documents issued as a basis for settlement with buyer/customer (including products (goods, services) according to the barter contract) less VAT.

The number of employees is defined by taking into account the regular employees, contractors, and unpaid (owners, founders of enterprise and their family members) employees of enterprises.

Since 2021, in line with the updated methodology, the calculation of indicators on the number and share of enterprises that used information and communications technologies is made for the year during which the state statistical observation Usage of information and communications technologies at enterprises is undertaken.

INFORMATION SOCIETY

**22.1. Usage of information and communication technologies at enterprises¹,
by type of economic activity**

(percent to the total number of enterprises)

	Share of enterprises that								
	have access to the Internet			have website			buy cloud computing services		
	2021	2022	2023	2021	2022	2023	2021	2022	2023
Total	86,6	85,1	...	35,3	...	...	10,2	9,8	...
Manufacturing	90,1	87,3	...	44,1	...	...	9,9	9,4	...
Electricity, gas, steam and air-conditioning supply	88,3	96,9	...	41,8	...	...	11,8	8,9	...
Water supply, sewerage, waste management and remediation	92,1	85,1	...	24,3	...	...	7,6	7,0	...
Construction	83,7	84,0	...	23,6	...	...	8,7	8,4	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	87,7	84,4	...	38,8	...	...	11,3	11,1	...
Transport and storage, postal and courier activities	85,5	86,2	...	21,4	...	...	7,7	7,5	...
Accommodation and food service activities	76,8	71,8	...	34,9	...	...	10,0	8,7	...
Information and communication	89,6	88,4	...	57,1	...	...	18,7	15,1	...
Real estate activities	89,5	99,7	...	23,6	...	...	6,6	6,5	...
Professional, scientific and technical activities	84,4	82,4	...	43,8	...	...	13,5	13,2	...
Administrative and support service activities	78,3	75,3	...	22,1	...	...	8,6	8,1	...
Other services	85,9	88,5	...	54,9	...	...	17,2	17,5	...

¹ Here and elsewhere (Table 22.2–22.4) data are given for legal entities with the number of employees of 10 people and more

**22.2. Usage of information and communication technologies at enterprises
by average number of employees**

(percent to the total number of enterprises)

	Share of enterprises that during the year								
	have access to the Internet			have website			buy cloud computing services		
	2021 ¹	2022	2023	2021 ¹	2022	2023	2021 ¹	2022	2023
Enterprises, total	86,6	85,1	...	35,3	...	...	10,2	9,8	...
including with the number of employees, persons									
10-49	84,5	83,4	...	30,5	...	...	9,0	8,7	...
50-249	93,8	91,6	...	47,8	...	...	13,9	12,8	...
250 and more	94,5	88,3	...	69,0	...	...	22,2	19,6	...

22.3. Electronic commerce at enterprises by type of economic activity*(percent)*

	Share of enterprises that were engaged into e-commerce in the total number of enterprises			Share of enterprises that were engaged into e-commerce in the total number of enterprises		
	2020	2021	2022	2020	2021	2022
Total	4,9	5,0	...	5,0	5,3	...
Manufacturing	5,4	5,4	...	3,1	3,2	...
Electricity, gas, steam and air-conditioning supply	1,8	2,0	...	0,1	0,1	...
Water supply, sewerage, waste management and remediation	1,3	1,2	...	0,4	0,4	...
Construction	1,6	1,8	...	0,7	0,6	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	7,7	7,7	...	4,5	4,9	...
Transport and storage, postal and courier activities	3,0	3,2	...	31,1	30,9	...
Accommodation and food service activities	10,1	9,9	...	11,6	12,0	...
Information and communication	9,5	9,6	...	3,5	3,6	...
Real estate activities	0,8	1,0	...	0,7	0,9	...
Professional, scientific and technical activities	2,6	2,7	...	1,5	1,4	...
Administrative and support service activities	3,3	3,3	...	4,1	4,5	...
Other services	8,5	7,9	...	1,0	1,0	...

22.4. Electronic commerce at enterprises with distribution by number of employees*(percent)*

	Share of enterprises that were engaged into e-commerce in the total number of enterprises			Share of enterprises that were engaged into e-commerce in the total number of enterprises		
	2020	2021	2022	2020	2021	2022
Total	4,9	5,0	...	5,0	5,3	...
of which with the average number of workers, persons						
10–49	4,1	4,2	...	2,1	2,2	...
50–249	6,7	6,8	...	3,9	4,0	...
250 and more	10,5	10,5	...	6,6	6,8	...

23. ACTIVITY OF ENTERPRISES

The section contains information on the basic statistical indicators, which characterise conditions and tendencies for development of business entities, which covered enterprises-legal persons and natural persons-entrepreneurs.

The enterprise-legal person (further – the enterprise) – the independent business entity created by competent body of the government authority or local administration or other economic player to satisfy public and personal requirements by regular performance of production, research, trade or other economic activities according to the order stipulated by the *Business Code of Ukraine* and other laws. The enterprise does not incorporate other legal persons, but has the right to create subsidiaries, representations, branches and other separated subdivisions, which have no status of the legal person.

The natural person-entrepreneur – a natural person registered under a stated order with the purpose to realize an entrepreneurial activity.

Statistical data for 2010, 2015, 2019 – 2022 regarding the basic indicators of enterprises' activities by their size are compiled using the criteria for large, middle-sized, small and micro enterprises specified in the *Business Code of Ukraine* as worded as of March 22, 2012, namely:

micro enterprises are entities of any organisational and legal form and form of ownership where during the reference period (calendar year) the average number of employees does not exceed 10 persons and the annual revenue from any activity does not exceed a sum equal to 2 million euros fixed by

period (calendar year) the average number of employees does not exceed 50 persons and the annual revenue from any activity does not exceed a sum equal to 10 million euros fixed by the average annual rate of the National Bank of Ukraine;

large enterprises are entities of any organisational and legal form and form of ownership where during the reference period (calendar year) the average number of employees does not exceed 250 persons and the annual revenue from any activity exceed a sum equal to 50 million euros fixed by the average annual rate of the National Bank of Ukraine;

middle-sized enterprises are other entities.

Number of persons employed workers includes regular employees, those not on the permanent staff and unpaid (owners, founders of an enterprises and members of their families) employees of an enterprise.

Number of employees incorporates regular employees and those not on the permanent staff (working under contracts and in more than one job) at an enterprise.

Volume of sold products (goods, services) is calculated using the prices of final products (goods and services) shipped outside the business that is mentioned in the processed documents which are used as a framework for settlement with a customer (client) (including products (goods, services) by barter contracts) less indirect tax on value added.

Assets are resources controled by an enterprise as a result of the past events and whose uses, as expected, will lead to the acquisition of economic benefits in the future.

Liabilities are arrears of an enterprise that resulted from the past events and whose debt service in the future will lead to decrease in enterprise's resources that embody the economic benefits.

Equity capital is the difference between the enterprises' assets and liabilities.

Financial outcome before taxation (profits, losses) is an algebraic sum of profits (losses) that an enterprise received from operating activity, financial and other income (profit), financial and other expenditure (losses).

Rate profitability of operating activity is a ratio of financial outcome stemming from

operating activity to expenditure on operating activity of the enterprises.

Financial outcome from operating activity (profits, losses) is an algebraic sum of gross profit (loss), other operating income, administrative expenditures, expenditure on sales and other operating expenditures.

Operating activity is the main activity of an enterprise as well as other types of activities which are neither investment or financial.

Information for 2021–2022 has been compiled including data from initially submitted reports of enterprises.

The information is given excluding the performance of budget institutions.

ACTIVITY OF ENTERPRISES

23.1. Indicators of business entities' activity¹

	2010	2015	2019	2020	2021	2022
Number of business entities						
Total, thsd. units	2184,1	1974,4	1941,7	1973,7	1956,3	1732,6
enterprises						
percent of total entities	17,4	17,4	19,6	18,9	19,0	15,1
per 10 thsd. present population, units	83	80	91	90	90	...
natural persons-entrepreneurs						
percent of total entities	82,6	82,6	80,4	81,1	81,0	84,9
per 10 thsd. present population, units	394	381	371	383	383	...
Number of persons employed						
Total, thsd. persons	11000,5	8331,9	9145,5	9057,1	9056,1	7606,1
enterprises						
thsd. persons	8186,0	6041,6	6535,2	6491,3	6511,6	5486,1
percent of total persons employed	74,4	72,5	71,5	71,7	71,9	72,1
natural persons-entrepreneurs						
thsd. persons	2814,5	2290,3	2610,3	2565,8	2544,5	2120,0
percent of total persons employed	25,6	27,5	28,5	28,3	28,1	27,9
Number of employees						
Total, thsd. persons	9073,6	6589,5	7418,8	7379,6	7368,7	6088,1
enterprises						
thsd. persons	8064,2	5930,0	6369,6	6413,6	6409,6	5438,7
percent of total employees	88,9	90,0	85,9	86,9	87,0	89,3
natural persons-entrepreneurs						
thsd. persons	1009,4	659,5	1049,2	966,0	959,1	649,4
percent of total employees	11,1	10,0	14,1	13,1	13,0	10,7
Volume of the sold products (goods, services)						
Total, mln. UAH	3692554,4	5716431,0	10725442,9	11285578,9	15240051,1	11485855,3
enterprises						
mln. UAH	3462136,2	5318957,7	9841060,7	10273152,6	13867032,4	11398997,8
percent of total volume of the sold products (goods, services)	93,8	93,0	91,8	91,0	91,0	99,2
natural persons-entrepreneurs						
mln. UAH	230418,2	397473,3	884382,2	1012426,3	1373018,7	86857,5
percent of total volume of the sold products (goods, services)	6,2	7,0	8,2	9,0	9,0	0,8

¹ Taking into account the results of banks

ACTIVITY OF ENTERPRISES

23.2. Number of entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs

	2010	2015	2019	2020	2021	2022
Total¹, thsd. units	2184,1	1974,4	1941,7	1973,7	1956,31	1732,6
percent						
enterprises	17,4	17,4	19,6	18,9	19,0	15,1
natural persons-entrepreneurs	82,6	82,6	80,4	81,1	81,0	84,9
Agriculture, forestry and fishing						
thsd. units	80,3	79,3	75,5	73,4	70,8	53,2
percent						
enterprises	63,1	59,0	66,6	67,4	67,4	61,7
natural persons-entrepreneurs	36,9	41,0	33,4	32,6	32,6	38,3
Industry						
thsd. units	152,0	135,1	130,3	126,3	121,8	102,5
percent						
enterprises	31,5	31,5	36,6	37,8	40,3	35,5
natural persons-entrepreneurs	68,5	68,5	63,4	62,2	59,7	64,5
Construction						
thsd. units	75,2	55,1	56,8	56,9	56,6	44,8
percent						
enterprises	50,8	52,9	56,1	55,5	55,7	48,2
natural persons-entrepreneurs	49,2	47,1	43,9	44,5	44,3	51,8
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. units	1197,3	989,1	834,2	826,2	777,4	661,2
percent						
enterprises	9,2	9,5	12,2	11,9	12,5	10,2
natural persons-entrepreneurs	90,8	90,5	87,8	88,1	87,5	89,8
Transportation and storage, postal and courier activities						
thsd. units	145,9	119,0	96,2	98,3	94,6	88,2
percent						
enterprises	9,3	12,7	18,2	17,9	18,6	15,0
natural persons-entrepreneurs	90,7	87,3	81,8	82,1	81,4	85,0
Accommodation and food service activities						
thsd. units	50,0	58,4	69,7	71,8	69,7	57,7
percent						
enterprises	19,5	13,2	11,3	10,7	10,8	8,3
natural persons-entrepreneurs	80,5	86,8	88,7	89,3	89,2	91,7
Information and communication						
thsd. units	56,0	116,1	206,1	234,2	284,2	57,7
percent						
enterprises	23,6	11,7	7,7	6,9	5,8	4,0
natural persons-entrepreneurs	76,4	88,3	92,3	93,1	94,2	96,0

ACTIVITY OF ENTERPRISES

Table 23.2 continued

	2010	2015	2019	2020	2021	2022
Financial and insurance activities						
thsd. units	14,6	12,4	10,1	10,3	10,7	9,2
percent						
enterprises	40,4	36,0	41,7	40,8	40,2	34,8
natural persons-entrepreneurs	59,6	64,0	58,3	59,2	59,8	65,2
Real estate activities						
thsd. units	50,4	94,1	98,4	95,8	94,3	79,1
percent						
enterprises	54,8	34,8	39,6	38,4	38,3	33,5
natural persons-entrepreneurs	45,2	65,2	60,4	61,6	61,7	66,5
Professional, scientific and technical activities						
thsd. units	120,7	131,0	134,8	140,4	143,2	137,4
percent						
enterprises	26,7	22,7	22,8	21,2	20,6	14,3
natural persons-entrepreneurs	73,3	77,3	77,2	78,8	79,4	85,7
Administrative and support service activities						
thsd. units	72,6	47,4	53,8	53,7	54,2	45,9
percent						
enterprises	22,1	33,0	35,2	35,0	34,3	28,8
natural persons-entrepreneurs	77,9	67,0	64,8	65,0	65,7	71,2
Education						
thsd. units	10,8	10,9	15,4	16,7	17,9	17,5
percent						
enterprises	22,6	19,2	17,1	16,2	15,1	10,9
natural persons-entrepreneurs	77,4	80,8	82,9	83,8	84,9	89,1
Human health and social work activities						
thsd. units	18,2	21,7	31,0	37,6	34,6	32,2
percent						
enterprises	25,7	19,9	22,4	19,7	22,0	18,9
natural persons-entrepreneurs	74,3	80,1	77,6	80,3	78,0	81,1
Arts, entertainment and recreation						
thsd. units	11,9	14,9	15,2	15,7	15,9	13,6
percent						
enterprises	17,5	14,0	15,5	14,6	14,5	11,0
natural persons-entrepreneurs	82,5	86,0	84,5	85,4	85,5	89,0
Other services						
thsd. units	128,2	89,9	114,2	116,4	110,4	94,2
percent						
enterprises	3,6	4,3	3,0	2,7	2,7	2,0
natural persons-entrepreneurs	96,4	95,7	97,0	97,3	97,3	98,0

¹ See the footnote to Table 23.1

ACTIVITY OF ENTERPRISES

23.3. Number of employees at entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs

	2010	2015	2019	2020	2021	2022
Total¹, thsd. persons	11000,5	8331,9	9145,5	9057,1	9056,1	7606,1
percent						
enterprises	74,4	72,5	71,5	71,7	71,9	72,1
natural persons-entrepreneurs	25,6	27,5	28,5	28,3	28,1	27,9
Agriculture, forestry and fishing						
thsd. persons	811,7	642,6	610,2	575,9	576,1	488,6
percent						
enterprises	94,7	93,0	92,9	92,8	93,0	93,0
natural persons-entrepreneurs	5,3	7,0	7,1	7,2	7,0	7,0
Industry						
thsd. persons	3291,9	2417,8	2254,4	2185,0	2167,1	1808,6
percent						
enterprises	93,9	93,1	91,2	91,9	92,2	92,7
natural persons-entrepreneurs	6,1	6,9	8,8	8,1	7,8	7,3
Construction						
thsd. persons	524,0	282,5	344,4	329,1	349,8	261,4
percent						
enterprises	90,1	87,8	87,5	87,3	88,0	87,1
natural persons-entrepreneurs	9,9	12,2	12,5	12,7	12,0	12,9
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	2961,0	2202,1	2385,3	2353,4	2337,4	1911,4
percent						
enterprises	41,9	42,0	45,6	46,2	48,5	50,7
natural persons-entrepreneurs	58,1	58,0	54,4	53,8	51,5	49,3
Transportation and storage, postal and courier activities						
thsd. persons	1133,0	931,3	907,1	877,3	853,7	747,2
percent						
enterprises	82,0	83,4	83,6	83,1	83,2	82,1
natural persons-entrepreneurs	18,0	16,6	16,4	16,9	16,8	17,9
Accommodation and food service activities						
thsd. persons	249,3	195,2	281,7	248,0	250,5	179,2
percent						
enterprises	54,0	45,0	37,2	34,6	34,5	34,8
natural persons-entrepreneurs	46,0	55,0	62,8	65,4	65,5	65,2
Information and communication						
thsd. persons	284,4	275,1	370,1	383,4	437,1	423,3
percent						
enterprises	82,1	60,5	45,0	40,3	36,1	31,2
natural persons-entrepreneurs	17,9	39,5	55,0	59,7	63,9	68,8

ACTIVITY OF ENTERPRISES

Table 23.3 continued

	2010	2015	2019	2020	2021	2022
Financial and insurance activities						
thsd. persons	318,8	214,8	212,4	209,6	205,5	178,5
percent						
enterprises	96,9	96,1	96,9	96,9	96,6	96,4
natural persons-entrepreneurs	3,1	3,9	3,1	3,1	3,4	3,6
Real estate activities						
thsd. persons	274,1	239,0	251,7	226,9	225,5	183,4
percent						
enterprises	88,6	70,2	69,8	68,4	68,5	67,1
natural persons-entrepreneurs	11,4	29,8	30,2	31,6	31,5	32,9
Professional, scientific and technical activities						
thsd. persons	405,7	318,7	339,9	328,8	336,7	291,5
percent						
enterprises	74,2	63,8	62,2	59,5	59,4	54,3
natural persons-entrepreneurs	25,8	36,2	37,8	40,5	40,6	45,7
Administrative and support service activities						
thsd. persons	337,9	291,5	303,8	301,1	301,9	241,4
percent						
enterprises	78,5	85,4	80,9	81,9	81,5	81,1
natural persons-entrepreneurs	21,5	14,6	19,1	18,1	18,5	18,9
Education						
thsd. persons	46,7	30,7	41,1	41,4	42,7	37,2
percent						
enterprises	76,4	63,8	51,8	51,0	48,7	47,3
natural persons-entrepreneurs	23,6	36,2	48,2	49,0	51,3	52,7
Human health and social work activities						
thsd. persons	112,1	110,2	631,3	793,7	772,9	695,0
percent						
enterprises	81,5	78,3	93,0	93,2	92,6	92,9
natural persons-entrepreneurs	18,5	21,7	7,0	6,8	7,4	7,1
Arts, entertainment and recreation						
thsd. persons	42,5	48,8	50,9	47,8	50,8	41,2
percent						
enterprises	67,1	64,1	54,6	55,0	56,5	60,7
natural persons-entrepreneurs	32,9	35,9	45,4	45,0	43,5	39,3
Other services						
thsd. persons	207,4	131,6	161,2	155,7	148,4	118,2
percent						
enterprises	20,5	17,9	12,1	11,1	11,9	11,0
natural persons-entrepreneurs	79,5	82,1	87,9	88,9	88,1	89,0

¹ See the footnote to Table 23.1

ACTIVITY OF ENTERPRISES

23.4. Number of wage-workers at entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs

	2010	2015	2019	2020	2021	2022
Total¹, thsd. persons	9073,6	6589,5	7418,8	7379,6	7368,7	6088,1
percent						
enterprises	88,9	90,0	85,9	86,9	87,0	89,3
natural persons-entrepreneurs	11,1	10,0	14,1	13,1	13,0	10,7
Agriculture, forestry and fishing						
thsd. persons	738,5	581,8	553,2	523,8	520,2	448,4
percent						
enterprises	98,1	97,9	96,7	96,7	96,7	97,0
natural persons-entrepreneurs	1,9	2,1	3,3	3,3	3,3	3,0
Industry						
thsd. persons	3178,5	2314,6	2152,5	2098,4	2084,5	1737,8
percent						
enterprises	97,0	96,8	94,6	95,3	95,4	96,2
natural persons-entrepreneurs	3,0	3,2	5,4	4,7	4,6	3,8
Construction						
thsd. persons	477,7	247,6	303,9	299,3	318,2	235,4
percent						
enterprises	96,9	96,6	94,0	94,5	94,7	95,5
natural persons-entrepreneurs	3,1	3,4	6,0	5,5	5,3	4,5
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1847,8	1280,9	1616,7	1610,8	1634,7	1310,1
percent						
enterprises	65,8	70,3	65,0	66,5	67,9	73,5
natural persons-entrepreneurs	34,2	29,7	35,0	33,5	32,1	26,5
Transportation and storage, postal and courier activities						
thsd. persons	996,7	823,6	822,0	794,2	773,3	670,7
percent						
enterprises	92,8	93,8	91,5	91,5	91,4	91,2
natural persons-entrepreneurs	7,2	6,2	8,5	8,5	8,6	8,8
Accommodation and food service activities						
thsd. persons	206,5	142,1	216,4	182,6	186,4	125,5
percent						
enterprises	63,9	60,2	46,8	46,3	45,3	49,0
natural persons-entrepreneurs	36,1	39,8	53,2	53,7	54,7	51,0
Information and communication						
thsd. persons	239,1	168,5	172,7	162,5	165,6	137,8
percent						
enterprises	96,6	96,3	92,3	93,4	93,1	94,7
natural persons-entrepreneurs	3,4	3,7	7,7	6,6	6,9	5,3

ACTIVITY OF ENTERPRISES

<i>Table 23.4 continued</i>						
	2010	2015	2019	2020	2021	2022
Financial and insurance activities						
thsd. persons	309,1	205,8	204,6	202,8	198,0	171,9
percent						
enterprises	99,6	99,8	99,7	99,8	99,7	99,8
natural persons-entrepreneurs	0,4	0,2	0,3	0,2	0,3	0,2
Real estate activities						
thsd. persons	242,9	168,0	176,3	162,7	160,6	128,0
percent						
enterprises	96,5	94,1	90,6	92,1	92,1	93,9
natural persons-entrepreneurs	3,5	5,9	9,4	7,9	7,9	6,1
Professional, scientific and technical activities						
thsd. persons	310,1	208,3	221,0	213,5	216,2	171,3
percent						
enterprises	94,8	93,2	89,0	89,4	89,4	90,8
natural persons-entrepreneurs	5,2	6,8	11,0	10,6	10,6	9,2
Administrative and support service activities						
thsd. persons	276,5	255,5	261,1	263,4	262,4	206,9
percent						
enterprises	94,1	95,8	91,1	92,6	92,2	93,8
natural persons-entrepreneurs	5,9	4,2	8,9	7,4	7,8	6,2
Education						
thsd. persons	37,6	21,3	27,1	27,0	26,9	21,4
percent						
enterprises	93,1	89,2	74,2	76,7	75,1	81,3
natural persons-entrepreneurs	6,9	10,8	25,8	23,3	24,9	18,7
Human health and social work activities						
thsd. persons	97,3	91,7	605,2	763,0	745,0	668,4
percent						
enterprises	92,7	92,9	96,6	96,9	96,0	96,6
natural persons-entrepreneurs	7,3	7,1	3,4	3,1	4,0	3,4
Arts, entertainment and recreation						
thsd. persons	32,4	35,4	37,1	33,7	36,6	28,8
percent						
enterprises	87,0	86,7	72,2	76,3	76,5	85,8
natural persons-entrepreneurs	13,0	13,3	27,8	23,7	23,5	14,2
Other services						
thsd. persons	82,9	44,4	49,0	41,9	40,1	25,7
percent						
enterprises	50,1	50,2	36,9	39,9	41,9	49,4
natural persons-entrepreneurs	49,9	49,8	63,1	60,1	58,1	50,6

¹ See the footnote to Table 23.1

ACTIVITY OF ENTERPRISES

23.5. Volume of the sold products (goods, services) of entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs

	2010	2015	2019	2020	2021	2022
Total¹, mln. UAH	3692554,4	5716431,0	10725442,9	11285578,9	15240051,1	11485855,3
percent						
enterprises	93,8	93,0	91,8	91,0	91,0	99,2
natural persons-entrepreneurs	6,2	7,0	8,2	9,0	9,0	0,8
Agriculture, forestry and fishing						
mln. UAH	103561,2	372033,4	572748,3	624070,1	943489,3	682412,1
percent						
enterprises	96,5	97,4	97,1	97,0	97,4	99,7
natural persons-entrepreneurs	3,5	2,6	2,9	3,0	2,6	0,3
Industry						
mln. UAH	1173801,8	1917185,6	3289388,9	3524673,5	4999408,2	4008465,5
percent						
enterprises	98,8	98,5	98,2	98,2	98,3	99,8
natural persons-entrepreneurs	1,2	1,5	1,8	1,8	1,7	0,2
Construction						
mln. UAH	101991,1	150540,5	394919,4	444753,8	539503,3	264518,8
percent						
enterprises	94,8	94,9	93,9	94,5	94,7	99,8
natural persons-entrepreneurs	5,2	5,1	6,1	5,5	5,3	0,2
Wholesale and retail trade; repair of motor vehicles and motorcycles						
mln. UAH	1555284,6	2159334,2	4345851,2	4519524,7	5994849,5	4452093,6
percent						
enterprises	90,4	90,5	91,1	90,0	89,8	98,7
natural persons-entrepreneurs	9,6	9,5	8,9	10,0	10,2	1,3
Transportation and storage, postal and courier activities						
mln. UAH	160170,2	322291,2	603015,8	558433,9	654504,2	541964,8
percent						
enterprises	89,8	91,2	90,0	89,2	88,7	97,7
natural persons-entrepreneurs	10,2	8,8	10,0	10,8	11,3	2,3
Accommodation and food service activities						
mln. UAH	16578,9	29069,3	77863,2	66445,1	107285,4	38181,4
percent						
enterprises	70,0	62,8	54,2	45,5	44,8	93,3
natural persons-entrepreneurs	30,0	37,2	45,8	54,5	55,2	6,7
Information and communication						
mln. UAH	73015,0	141479,6	334865,3	395417,2	528450,7	292105,0
percent						
enterprises	90,3	71,1	59,2	55,2	53,2	99,8
natural persons-entrepreneurs	9,7	28,9	40,8	44,8	46,8	0,2

ACTIVITY OF ENTERPRISES

Table 23.5 continued

	2010	2015	2019	2020	2021	2022
Financial and insurance activities						
mIn. UAH	264857,9	236454,9	306952,2	341735,9	395825,4	483026,5
percent						
enterprises	98,7	99,0	98,5	98,5	98,5	100,0
natural persons-entrepreneurs	1,3	1,0	1,5	1,5	1,5	0,0
Real estate activities						
mIn. UAH	42242,0	90298,1	166359,9	159090,2	192779,6	124785,9
percent						
enterprises	86,4	83,4	81,2	79,9	78,7	99,2
natural persons-entrepreneurs	13,6	16,6	18,8	20,1	21,3	0,8
Professional, scientific and technical activities						
mIn. UAH	151520,8	206687,6	395448,2	343195,1	451805,1	296463,0
percent						
enterprises	95,0	87,4	83,5	78,3	78,2	99,9
natural persons-entrepreneurs	5,0	12,6	16,5	21,7	21,8	0,1
Administrative and support service activities						
mIn. UAH	28731,7	57318,1	128567,0	127087,2	161138,9	102983,7
percent						
enterprises	82,7	85,9	81,2	80,5	79,2	99,8
natural persons-entrepreneurs	17,3	14,1	18,8	19,5	20,8	0,2
Education						
mIn. UAH	1943,8	3101,7	9905,6	11357,1	16649,7	5732,3
percent						
enterprises	79,9	63,7	51,5	48,1	43,5	99,8
natural persons-entrepreneurs	20,1	36,3	48,5	51,9	56,5	0,2
Human health and social work activities						
mIn. UAH	7663,6	12991,0	58517,3	130559,0	195372,0	179952,8
percent						
enterprises	85,1	81,4	87,3	92,6	91,7	100,0
natural persons-entrepreneurs	14,9	18,6	12,7	7,4	8,3	0,0
Arts, entertainment and recreation						
mIn. UAH	3359,1	6955,5	14948,4	12203,5	20969,0	8478,3
percent						
enterprises	83,1	71,8	53,9	45,7	50,4	99,6
natural persons-entrepreneurs	16,9	28,2	46,1	54,3	49,6	0,4
Other services						
mIn. UAH	7832,7	10690,3	26092,2	27032,6	38020,8	4691,6
percent						
enterprises	29,3	31,6	22,2	19,8	18,7	98,6
natural persons-entrepreneurs	70,7	68,4	77,8	80,2	81,3	1,4

¹ See the footnote to Table 23.1

ACTIVITY OF ENTERPRISES

**23.6. Distribution of large, medium, small and micro-enterprises
by type of economic activity**

	2010	2015	2019	2020	2021	2022
Total¹, units	378810	343440	380597	373822	370834	261924
percent						
large enterprises	0,2	0,1	0,1	0,1	0,2	0,2
middle-sized enterprises	5,5	4,4	4,7	4,7	4,7	5,6
small enterprises	94,3	95,5	95,2	95,2	95,1	94,2
of which micro enterprises	79,3	82,8	82,3	82,4	82,2	78,7
Agriculture, forestry and fishing						
units	50666	46744	50239	49452	47753	32844
percent						
large enterprises	0,0	0,1	0,1	0,1	0,1	0,1
middle-sized enterprises	6,8	5,4	4,5	4,3	4,4	5,1
small enterprises	93,2	94,5	95,4	95,6	95,5	94,8
of which micro enterprises	84,8	83,9	84,9	85,0	84,2	80,2
Industry						
units	47827	42564	47679	47806	49059	36422
percent						
large enterprises	0,7	0,6	0,6	0,5	0,6	0,7
middle-sized enterprises	12,8	11,0	10,5	10,3	9,9	11,6
small enterprises	86,5	88,4	88,9	89,2	89,5	87,7
of which micro enterprises	64,3	68,2	68,4	69,2	69,8	64,9
Construction						
units	38215	29165	31869	31633	31500	21574
percent						
large enterprises	0,0	0,0	0,0	0,1	0,1	0,0
middle-sized enterprises	3,9	2,7	2,9	2,9	2,9	3,2
small enterprises	96,1	97,3	97,1	97,0	97,0	96,8
of which micro enterprises	79,9	84,0	81,4	81,4	81,8	79,8
Wholesale and retail trade; repair of motor vehicles and motorcycles						
units	110154	93643	101427	98369	97038	67395
percent						
large enterprises	0,2	0,1	0,2	0,1	0,2	0,2
middle-sized enterprises	3,7	2,9	3,1	3,2	3,3	4,0
small enterprises	96,1	97,0	96,7	96,7	96,5	95,8
of which micro enterprises	82,7	86,1	85,7	85,7	85,1	82,0

ACTIVITY OF ENTERPRISES

Table 23.6 continued

	2010	2015	2019	2020	2021	2022
Transportation and storage, postal and courier activities						
units	13603	15148	17487	17584	17619	13151
percent						
large enterprises	0,3	0,2	0,2	0,2	0,2	0,2
middle-sized enterprises	9,1	7,3	6,6	6,3	6,1	7,0
small enterprises	90,6	92,5	93,2	93,5	93,7	92,8
of which micro enterprises	69,0	75,7	76,5	76,4	76,4	72,3
Accommodation and food service activities						
units	9777	7700	7885	7697	7560	4805
percent						
large enterprises	0,0	0,0	0,1	0,0	0,0	0,0
middle-sized enterprises	4,3	3,2	3,4	3,2	3,0	3,8
small enterprises	95,7	96,8	96,5	96,8	97,0	96,2
of which micro enterprises	76,1	81,5	79,9	82,2	83,0	80,9
Information and communication						
units	13189	13617	15917	16054	16384	11793
percent						
large enterprises	0,1	0,0	0,1	0,0	0,1	0,1
middle-sized enterprises	3,1	2,5	2,2	2,2	2,2	2,8
small enterprises	96,8	97,5	97,7	97,8	97,7	97,1
of which micro enterprises	81,3	84,7	86,2	86,7	86,9	84,1
Financial and insurance activities						
units	5702	4333	4129	4093	4162	3180
percent						
large enterprises	0,1	0,0	0,1	0,2	0,3	0,4
middle-sized enterprises	7,7	6,8	7,1	7,4	7,4	7,4
small enterprises	92,2	93,2	92,8	92,4	92,3	92,2
of which micro enterprises	78,9	79,3	78,0	78,6	78,8	77,1
Real estate activities						
units	27603	32719	38980	36798	36093	26508
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
middle-sized enterprises	2,7	1,5	1,1	1,0	0,9	1,0
small enterprises	97,3	98,5	98,9	99,0	99,1	99,0
of which micro enterprises	83,7	89,9	91,6	91,7	91,9	91,0

ACTIVITY OF ENTERPRISES

Table 23.6 continued

	2010	2015	2019	2020	2021	2022
Professional, scientific and technical activities						
units	32189	29780	30704	29810	29556	19748
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
middle-sized enterprises	2,9	2,1	1,9	1,9	1,9	2,3
small enterprises	97,1	97,9	98,1	98,1	98,1	97,7
of which micro enterprises	85,4	89,9	89,9	90,1	90,1	87,8
Administrative and support service activities						
units	16011	15646	18917	18837	18587	13170
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
middle-sized enterprises	6,6	5,7	4,5	4,4	4,4	5,2
small enterprises	93,4	94,3	95,5	95,6	95,6	94,8
of which micro enterprises	73,7	77,7	79,4	79,8	79,7	76,5
Education						
units	2454	2089	2642	2741	2682	1853
percent						
large enterprises	0,0	—	—	—	—	—
middle-sized enterprises	4,4	2,6	2,1	1,8	2,0	2,6
small enterprises	95,6	97,4	97,9	98,2	98,0	97,4
of which micro enterprises	76,4	82,3	83,0	83,9	84,3	81,4
Human health and social work activities						
units	4684	4307	6942	7407	7569	6131
percent						
large enterprises	—	—	0,0	0,0	0,1	0,0
middle-sized enterprises	6,3	6,2	31,2	34,4	32,9	36,9
small enterprises	93,7	93,8	68,8	65,6	67,0	63,1
of which micro enterprises	71,5	69,2	44,3	41,1	42,4	35,7
Arts, entertainment and recreation						
units	2078	2089	2351	2335	2264	1485
percent						
large enterprises	0,1	0,1	0,1	0,1	0,1	—
middle-sized enterprises	5,1	5,9	4,3	4,3	5,2	7,8
small enterprises	94,8	94,0	95,6	95,6	94,7	92,2
of which micro enterprises	82,7	82,1	81,2	82,6	81,4	77,6
Other services						
units	4658	3896	3429	3206	3008	1865
percent						
large enterprises	—	—	—	—	—	—
middle-sized enterprises	2,0	1,3	1,2	1,2	1,5	2,1
small enterprises	98,0	98,7	98,8	98,8	98,5	97,9
of which micro enterprises	79,2	86,8	89,2	89,3	89,0	87,0

¹ Without taking into account the results of banks

ACTIVITY OF ENTERPRISES

**23.7. Distribution of employees at large, medium, small and micro-enterprises
by type of economic activity**

	2010	2015	2019	2020	2021	2022
Total¹, thsd. persons	7958,2	5889,7	6407,5	6366,1	6391,7	5382,4
percent						
large enterprises	30,2	29,0	25,1	24,7	25,8	25,4
middle-sized enterprises	42,6	44,2	47,6	48,5	46,4	48,0
small enterprises	27,2	26,8	27,3	26,8	27,8	26,6
of which micro enterprises	10,5	11,7	12,1	11,3	12,2	10,8
Agriculture, forestry and fishing						
thsd. persons	768,3	597,6	566,7	534,7	535,7	454,5
percent						
large enterprises	4,3	8,1	7,6	7,2	8,1	7,6
middle-sized enterprises	67,1	57,9	53,2	51,9	49,1	51,0
small enterprises	28,6	34,0	39,2	40,9	42,8	41,4
of which micro enterprises	13,2	14,9	17,4	18,2	19,6	17,1
Industry						
thsd. persons	3091,8	2252,1	2056,4	2008,2	1998,7	1676,0
percent						
large enterprises	45,3	39,0	34,7	34,3	36,0	34,0
middle-sized enterprises	43,0	48,8	51,6	50,5	48,1	50,2
small enterprises	11,7	12,2	13,7	15,2	15,9	15,8
of which micro enterprises	3,0	3,6	4,0	4,5	4,9	4,6
Construction						
thsd. persons	472,1	248,1	301,2	287,3	307,9	227,7
percent						
large enterprises	2,7	1,3	3,0	4,3	7,3	4,2
middle-sized enterprises	44,3	43,7	38,3	38,8	37,6	39,7
small enterprises	53,0	55,0	58,7	56,9	55,1	56,1
of which micro enterprises	19,2	24,4	25,0	22,6	23,0	22,5
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1241,1	925,7	1087,0	1086,2	1132,9	970,0
percent						
large enterprises	21,1	26,7	30,9	32,0	33,5	34,6
middle-sized enterprises	34,6	34,3	33,3	33,6	31,7	32,4
small enterprises	44,3	39,0	35,8	34,4	34,8	33,0
of which micro enterprises	19,6	20,0	18,3	17,0	17,6	15,8

ACTIVITY OF ENTERPRISES

Table 23.7 continued

	2010	2015	2019	2020	2021	2022
Transportation and storage, postal and courier activities						
thsd. persons	928,5	776,5	758,1	729,4	710,0	613,2
percent						
large enterprises	60,4	59,9	56,8	56,7	56,5	57,9
middle-sized enterprises	28,9	28,9	29,1	29,2	28,4	27,3
small enterprises	10,7	11,2	14,1	14,1	15,1	14,8
of which micro enterprises	3,0	4,0	5,3	5,0	5,6	5,1
Accommodation and food service activities						
thsd. persons	134,5	87,9	104,8	85,9	86,3	62,3
percent						
large enterprises	5,4	c	c	c	c	c
middle-sized enterprises	42,9	c	c	c	c	c
small enterprises	51,7	47,6	47,1	45,0	45,3	43,1
of which micro enterprises	19,1	19,0	17,9	18,0	18,9	18,0
Information and communication						
thsd. persons	233,5	166,4	166,6	154,4	158,0	131,9
percent						
large enterprises	39,3	27,9	17,6	18,5	16,5	17,0
middle-sized enterprises	26,8	32,8	36,9	36,6	38,1	39,6
small enterprises	33,9	39,3	45,5	44,9	45,4	43,4
of which micro enterprises	14,2	18,4	22,9	21,5	22,7	20,4
Financial and insurance activities						
thsd. persons	81,2	54,6	78,2	77,9	78,7	68,4
percent						
large enterprises	22,7	c	17,6	21,2	24,4	29,2
middle-sized enterprises	44,9	c	59,0	58,1	54,6	50,4
small enterprises	32,4	30,9	23,4	20,7	21,0	20,4
of which micro enterprises	14,6	15,2	12,3	10,3	10,8	10,1
Real estate activities						
thsd. persons	242,8	167,7	175,7	155,1	154,5	123,0
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	64,2	73,3	77,8	76,7	76,8	76,6
of which micro enterprises	26,9	40,7	47,2	43,6	44,7	42,8

ACTIVITY OF ENTERPRISES

Table 23.7 continued

	2010	2015	2019	2020	2021	2022
Professional, scientific and technical activities						
thsd. persons	301,1	203,4	211,5	195,6	200,1	158,2
percent						
large enterprises	2,3	3,2	c	c	c	c
middle-sized enterprises	46,9	43,8	c	c	c	c
small enterprises	50,8	53,0	55,5	54,9	56,2	54,8
of which micro enterprises	24,8	30,5	32,8	30,8	32,5	29,1
Administrative and support service activities						
thsd. persons	265,2	249,0	245,8	246,7	245,9	195,8
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	40,9	34,2	38,8	39,9	41,7	41,2
of which micro enterprises	12,0	11,6	15,1	14,3	15,2	14,3
Education						
thsd. persons	35,7	19,6	21,3	21,1	20,8	17,6
percent						
large enterprises	c	—	—	—	—	—
middle-sized enterprises	c	38,8	30,7	33,2	32,4	39,5
small enterprises	48,6	61,2	69,3	66,8	67,6	60,5
of which micro enterprises	17,1	25,9	31,0	28,6	30,4	26,4
Human health and social work activities						
thsd. persons	91,4	86,3	586,9	740,0	715,9	645,8
percent						
large enterprises	—	—	c	c	1,8	c
middle-sized enterprises	63,3	61,1	c	c	90,0	c
small enterprises	36,7	38,9	6,2	7,2	8,2	7,9
of which micro enterprises	13,0	13,2	1,5	1,4	2,0	1,4
Arts, entertainment and recreation						
thsd. persons	28,5	31,3	27,8	26,3	28,7	25,0
percent						
large enterprises	c	9,7	c	c	c	—
middle-sized enterprises	c	60,7	c	c	c	68,1
small enterprises	35,5	29,6	39,7	38,9	37,5	31,9
of which micro enterprises	14,3	11,8	14,7	15,3	14,7	11,9
Other services						
thsd. persons	42,5	23,5	19,5	17,3	17,6	13,0
percent						
large enterprises	—	—	—	—	—	—
middle-sized enterprises	24,7	23,7	26,1	27,8	30,2	34,5
small enterprises	75,3	76,3	73,9	72,2	69,8	65,5
of which micro enterprises	29,9	39,2	41,4	38,9	38,2	35,2

¹ See the footnote to Table 23.6

ACTIVITY OF ENTERPRISES

**23.8. Distribution of wage-workers at large, medium, small and micro-enterprises
by type of economic activity**

	2010	2015	2019	2020	2021	2022
Total¹, thsd. persons	7836,4	5778,1	6241,9	6288,4	6289,7	5335,1
percent						
large enterprises	30,6	29,6	25,8	25,0	26,2	25,7
middle-sized enterprises	43,3	45,0	48,9	49,1	47,2	48,4
small enterprises	26,1	25,4	25,3	25,9	26,6	25,9
of which micro enterprises	9,7	10,2	10,0	10,4	10,9	10,2
Agriculture, forestry and fishing						
thsd. persons	724,8	569,4	535,0	506,5	502,9	434,8
percent						
large enterprises	4,5	8,5	8,1	7,6	8,6	7,9
middle-sized enterprises	71,1	60,7	56,3	54,8	52,3	53,3
small enterprises	24,4	30,8	35,6	37,6	39,1	38,8
of which micro enterprises	8,4	10,9	12,9	14,0	14,7	13,7
Industry						
thsd. persons	3082,5	2241,4	2037,1	2000,2	1988,8	1671,4
percent						
large enterprises	45,5	39,1	35,0	34,4	36,1	34,1
middle-sized enterprises	43,1	49,0	52,0	50,7	48,3	50,3
small enterprises	11,4	11,9	13,0	14,9	15,6	15,6
of which micro enterprises	2,9	3,3	3,2	4,2	4,6	4,4
Construction						
thsd. persons	462,8	239,2	285,6	282,8	301,4	224,9
percent						
large enterprises	2,8	1,4	3,2	4,4	7,4	4,2
middle-sized enterprises	45,1	45,3	40,3	39,3	38,4	40,2
small enterprises	52,1	53,3	56,5	56,3	54,2	55,6
of which micro enterprises	18,9	21,8	21,4	21,5	21,4	21,7
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1215,1	899,9	1051,2	1071,3	1110,6	962,3
percent						
large enterprises	21,5	27,5	31,9	32,4	34,2	34,9
middle-sized enterprises	35,4	35,2	34,5	34,1	32,3	32,6
small enterprises	43,1	37,3	33,6	33,5	33,5	32,5
of which micro enterprises	19,0	17,9	15,8	16,0	16,1	15,3

ACTIVITY OF ENTERPRISES

Table 23.8 continued

	2010	2015	2019	2020	2021	2022
Transportation and storage, postal and courier activities						
thsd. persons	924,5	772,7	751,8	727,0	706,7	611,9
percent						
large enterprises	60,6	60,2	57,3	56,9	56,7	58,0
middle-sized enterprises	29,1	29,0	29,3	29,3	28,6	27,4
small enterprises	10,3	10,8	13,4	13,8	14,7	14,6
of which micro enterprises	2,9	3,6	4,6	4,8	5,2	4,9
Accommodation and food service activities						
thsd. persons	132,0	85,5	101,3	84,5	84,4	61,5
percent						
large enterprises	5,5	c	c	c	c	c
middle-sized enterprises	43,8	c	c	c	c	c
small enterprises	50,7	46,2	45,3	44,2	44,1	42,4
of which micro enterprises	18,7	17,0	15,5	16,8	17,2	17,1
Information and communication						
thsd. persons	231,0	162,3	159,4	151,7	154,2	130,5
percent						
large enterprises	39,7	28,6	18,4	18,8	16,9	17,2
middle-sized enterprises	27,1	33,6	38,6	37,2	39,0	40,0
small enterprises	33,2	37,8	43,0	44,0	44,1	42,8
of which micro enterprises	13,9	16,5	19,7	20,2	20,9	19,7
Financial and insurance activities						
thsd. persons	80,1	53,5	76,3	77,1	77,6	67,8
percent						
large enterprises	23,0	c	18,1	21,4	24,7	29,5
middle-sized enterprises	45,5	c	60,4	58,6	55,4	50,8
small enterprises	31,5	29,6	21,5	20,0	19,9	19,7
of which micro enterprises	14,1	13,7	10,3	9,6	9,8	9,5
Real estate activities						
thsd. persons	234,4	158,1	159,7	149,9	147,9	120,3
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	62,9	71,7	75,6	75,9	75,8	76,1
of which micro enterprises	26,4	37,4	42,2	41,8	42,4	41,7

ACTIVITY OF ENTERPRISES

Table 23.8 continued

	2010	2015	2018	2019	2020	2021
Professional, scientific and technical activities						
thsd. persons	294,0	194,2	196,7	190,9	193,3	155,6
percent						
large enterprises	2,3	3,4	c	c	c	c
middle-sized enterprises	48,0	45,9	c	c	c	c
small enterprises	49,7	50,7	52,2	53,8	54,7	54,0
of which micro enterprises	24,2	27,3	28,0	29,1	30,2	27,9
Administrative and support service activities						
thsd. persons	260,3	244,7	237,9	243,9	241,9	194,0
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	39,8	33,0	36,8	39,2	40,7	40,7
of which micro enterprises	11,7	10,1	12,6	13,4	28,5	13,6
Education						
thsd. persons	35,0	19,0	20,1	20,7	20,2	17,4
percent						
large enterprises	c	—	—	—	—	—
middle-sized enterprises	c	40,0	32,5	33,8	33,3	40,0
small enterprises	47,6	60,0	67,5	66,2	66,7	60,0
of which micro enterprises	16,7	24,0	27,6	27,3	28,5	25,6
Human health and social work activities						
thsd. persons	90,2	85,2	584,9	739,5	715,0	645,3
percent						
large enterprises	—	—	c	c	1,8	c
middle-sized enterprises	64,1	61,8	c	c	90,1	c
small enterprises	35,9	38,2	5,9	7,1	8,1	7,8
of which micro enterprises	12,7	12,3	1,3	1,4	1,9	1,4
Arts, entertainment and recreation						
thsd. persons	28,2	30,7	26,8	25,7	28,0	24,7
percent						
large enterprises	c	9,9	c	c	c	—
middle-sized enterprises	c	62,0	c	c	c	68,7
small enterprises	34,9	28,1	37,5	37,5	36,0	31,3
of which micro enterprises	14,1	10,0	11,8	13,5	12,7	11,2
Other services						
thsd. persons	41,5	22,3	18,1	16,7	16,8	12,7
percent						
large enterprises	—	—	—	—	—	—
middle-sized enterprises	25,3	25,0	28,2	28,7	31,5	35,3
small enterprises	74,7	75,0	71,8	71,3	68,5	64,7
of which micro enterprises	29,6	36,3	37,1	37,1	35,7	33,9

¹ See the footnote to Table 23.6

ACTIVITY OF ENTERPRISES

23.9. Distribution of the sold products (goods, services) of large, medium, small and micro-enterprises by type of economic activity

	2010	2015	2019	2020	2021	2022
Total¹, mln. UAH	3366228,2	5159067,1	9639730,6	10049870,8	13616793,2	11033018,1
percent						
large enterprises	41,6	39,8	37,7	36,1	37,8	36,5
middle-sized enterprises	41,5	42,0	43,2	43,4	43,3	44,5
small enterprises	16,9	18,2	19,1	20,5	18,9	19,0
of which micro enterprises	5,4	6,0	6,4	7,0	6,3	6,1
Agriculture, forestry and fishing						
mln. UAH	99891,4	362310,0	556325,9	605483,1	918661,1	680489,9
percent						
large enterprises	11,7	16,9	13,3	12,9	12,5	16,4
middle-sized enterprises	65,6	50,6	49,6	47,8	51,6	45,7
small enterprises	22,7	32,5	37,1	39,3	35,9	37,9
of which micro enterprises	10,0	9,4	11,8	12,8	11,2	11,3
Industry						
mln. UAH	1159231,4	1887535,4	3230045,2	3460666,4	4916736,2	3999858,3
percent						
large enterprises	64,3	57,1	53,6	49,2	53,2	47,0
middle-sized enterprises	31,1	36,6	39,5	42,9	39,6	45,3
small enterprises	4,6	6,3	6,9	7,9	7,2	7,7
of which micro enterprises	1,1	1,4	1,5	1,9	1,8	1,9
Construction						
mln. UAH	96725,3	142871,9	370760,6	420084,3	510988,0	264065,2
percent						
large enterprises	6,4	13,4	8,7	13,9	16,8	9,4
middle-sized enterprises	55,7	42,3	43,1	41,1	40,3	41,3
small enterprises	37,9	44,3	48,2	45,0	42,9	49,3
of which micro enterprises	12,9	16,2	15,1	13,8	13,5	15,5
Wholesale and retail trade; repair of motor vehicles and motorcycles						
mln. UAH	1406132,7	1953257,7	3958371,1	4068233,3	5385021,4	4393718,2
percent						
large enterprises	29,3	28,9	30,9	31,8	31,9	33,4
middle-sized enterprises	45,6	47,7	47,8	44,7	46,5	44,5
small enterprises	25,1	23,4	21,3	23,5	21,6	22,1
of which micro enterprises	8,0	8,1	7,1	8,2	7,2	7,1

ACTIVITY OF ENTERPRISES

Table 23.9 continued

	2010	2015	2019	2020	2021	2022
Transportation and storage, postal and courier activities						
mIn. UAH	143791,5	293959,4	542968,2	498243,7	580411,7	529302,0
percent						
large enterprises	60,9	52,1	51,7	50,6	47,2	44,9
middle-sized enterprises	28,5	34,3	31,2	30,2	32,7	32,8
small enterprises	10,6	13,6	17,1	19,2	20,1	22,3
of which micro enterprises	3,2	4,6	6,0	6,7	7,1	6,6
Accommodation and food service activities						
mIn. UAH	11613,4	18250,0	42201,9	30215,0	48059,1	35617,4
percent						
large enterprises	13,1	c	c	c	c	c
middle-sized enterprises	55,7	c	c	c	c	c
small enterprises	31,2	29,4	33,3	32,4	30,6	27,8
of which micro enterprises	9,2	8,8	10,0	11,7	9,6	9,8
Information and communication						
mIn. UAH	65925,6	100590,4	198276,7	218145,0	280979,7	291555,6
percent						
large enterprises	49,8	38,3	31,6	31,2	28,5	29,3
middle-sized enterprises	29,9	36,0	37,3	36,5	39,4	42,2
small enterprises	20,3	25,7	31,1	32,3	32,1	28,5
of which micro enterprises	7,4	9,4	13,3	14,2	13,9	11,4
Financial and insurance activities						
mIn. UAH	165569,8	74175,6	101088,8	113496,6	139477,2	116989,8
percent						
large enterprises	6,2	c	7,8	14,0	21,7	22,1
middle-sized enterprises	87,8	c	72,4	66,2	59,3	61,0
small enterprises	6,0	15,6	19,8	19,8	19,0	16,9
of which micro enterprises	1,3	2,7	5,2	4,4	4,5	4,3
Real estate activities						
mIn. UAH	36482,9	75284,6	135127,9	127075,0	151671,9	123822,4
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	57,3	51,8	59,7	67,5	68,2	69,7
of which micro enterprises	20,3	22,0	30,5	33,6	34,3	34,5

ACTIVITY OF ENTERPRISES

Table 23.9 continued

	2010	2015	2019	2020	2021	2022
Professional, scientific and technical activities						
mIn. UAH	143937,3	180668,7	330127,3	268661,3	353093,1	296195,5
percent						
large enterprises	64,6	63,1	c	c	c	c
middle-sized enterprises	18,4	18,8	c	c	c	c
small enterprises	17,0	18,1	18,3	23,3	22,2	18,4
of which micro enterprises	6,6	7,5	8,7	11,0	10,5	8,1
Administrative and support service activities						
mIn. UAH	23768,9	49242,3	104410,9	102332,5	127692,3	102729,5
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	45,2	38,0	41,1	42,8	44,2	43,0
of which micro enterprises	16,0	12,8	17,3	18,5	18,7	18,5
Education						
mIn. UAH	1552,2	1975,6	5104,2	5459,0	7244,5	5721,4
percent						
large enterprises	c	—	—	—	—	—
middle-sized enterprises	c	42,8	37,2	39,6	39,9	38,2
small enterprises	38,9	57,2	62,8	60,4	60,1	61,8
of which micro enterprises	13,4	19,8	30,7	30,9	31,3	32,6
Human health and social work activities						
mIn. UAH	6523,4	10573,2	51090,8	120838,4	179076,4	179884,9
percent						
large enterprises	—	—	c	c	4,9	c
middle-sized enterprises	76,2	71,7	c	c	87,6	c
small enterprises	23,8	28,3	12,0	8,4	7,5	7,4
of which micro enterprises	6,2	6,1	2,5	1,5	1,4	1,6
Arts, entertainment and recreation						
mIn. UAH	2789,8	4995,1	8050,8	5573,7	10559,2	8441,7
percent						
large enterprises	c	39,6	c	c	c	—
middle-sized enterprises	c	33,9	c	c	c	66,1
small enterprises	26,5	26,5	47,3	43,0	41,4	33,9
of which micro enterprises	11,4	12,6	20,3	19,3	18,1	13,4
Other services						
mIn. UAH	2292,6	3377,2	5780,3	5363,5	7121,4	4626,3
percent						
large enterprises	—	—	—	—	—	—
middle-sized enterprises	42,3	46,1	34,3	36,2	40,1	38,0
small enterprises	57,7	53,9	65,7	63,8	59,9	62,0
of which micro enterprises	22,3	23,2	28,2	32,2	30,0	30,7

¹ See the footnote to Table 23.6

ACTIVITY OF ENTERPRISES

FINANCE OF THE ENTERPRISES

23.10. Enterprises' balance structure

	Balance, mln. UAH	Assets		
		fixed assets	working assets	fixed assets held for sale and groups disposal
Total				
2019	11494975,4	42,1	57,8	0,1
2020	12682480,1	41,9	58,0	0,1
2021	14070487,8	40,1	59,8	0,1
2022	14654653,0	38,3	61,6	0,1
Agriculture, forestry and fishing				
2019	1030366,7	37,8	62,2	0,0
2020	1130304,9	37,1	62,9	0,0
2021	1344872,4	34,7	65,3	0,0
2022	1441179,2	32,3	67,7	0,0
Industry				
2019	3639017,3	48,2	51,8	0,0
2020	3981332,5	45,6	54,3	0,1
2021	4673516,0	43,9	56,1	0,0
2022	4773826,7	41,4	58,6	0,0
Construction				
2019	541815,4	27,0	72,9	0,1
2020	597073,1	28,1	71,8	0,1
2021	691398,0	24,0	75,9	0,1
2022	688431,0	23,3	76,6	0,1
Wholesale and retail trade; repair of motor vehicles and motorcycles				
2019	2498322,7	13,9	86,0	0,1
2020	2681378,9	13,8	86,2	0,0
2021	2942658,9	13,4	86,6	0,0
2022	3130280,2	13,8	86,2	0,0
Transportation and storage, postal and courier activities				
2019	930387,7	72,9	27,1	0,0
2020	1200279,3	73,0	26,9	0,1
2021	1114777,9	69,1	30,8	0,1
2022	1132065,4	66,5	33,4	0,1
Accommodation and food service activities				
2019	48679,0	62,5	37,4	0,1
2020	54873,0	63,9	36,1	0,0
2021	54249,8	63,1	36,9	0,0
2022	53483,6	58,1	41,9	0,0
Information and communication				
2019	191559,7	61,7	37,0	1,3
2020	218658,5	56,7	43,3	0,0
2021	233959,3	56,8	43,0	0,2
2022	272355,2	47,5	52,4	0,1

¹ See the footnote to Table 23.6

ACTIVITY OF ENTERPRISES

by type of economic activity¹

(end of the year; percent)

own capital	Liabilities		
	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets held for sale and disposal groups and net assets of private pension funds
26,9	14,2	58,9	0,0
26,3	15,1	58,6	0,0
29,2	13,1	57,7	0,0
27,1	13,4	59,5	0,0
50,8	9,0	40,2	0,0
54,2	6,8	39,0	0,0
59,2	6,5	34,3	0,0
56,2	6,9	36,9	0,0
25,0	15,8	59,2	0,0
21,1	18,6	60,3	0,0
24,8	15,8	59,4	0,0
20,8	16,6	62,6	0,0
2,3	16,0	81,7	0,0
3,0	14,0	83,0	0,0
4,8	11,3	83,9	0,0
2,0	12,4	85,5	0,1
7,6	9,6	82,8	0,0
8,8	9,4	81,8	0,0
10,6	8,3	81,1	0,0
11,0	9,0	80,0	0,0
49,9	15,0	35,1	0,0
51,5	16,0	32,5	0,0
50,3	13,6	36,1	0,0
51,4	12,2	36,4	0,0
12,7	29,2	58,1	0,0
9,8	30,1	60,1	0,0
17,0	21,5	61,5	0,0
7,6	23,1	69,3	0,0
26,3	20,9	52,8	0,0
25,3	29,1	45,6	0,0
34,7	24,7	40,6	0,0
33,0	21,0	46,0	0,0

ACTIVITY OF ENTERPRISES

	Balance, mln. UAH	Assets		
		fixed assets	working assets	fixed assets held for sale and groups disposal
Financial and insurance activities				
2019	476069,0	31,9	67,6	0,5
2020	553297,1	28,9	70,6	0,5
2021	711051,4	30,2	69,5	0,3
2022	759989,7	32,8	66,9	0,3
Real estate activities				
2019	750855,1	55,5	44,4	0,1
2020	816998,3	56,3	43,6	0,1
2021	802572,5	58,2	41,7	0,1
2022	844183,6	57,8	42,1	0,1
Professional, scientific and technical activities				
2019	905989,2	51,9	48,1	0,0
2020	856862,7	56,0	44,0	0,0
2021	903371,6	60,3	39,7	0,0
2022	935800,7	56,6	43,4	0,0
Administrative and support service activities				
2019	355819,5	69,5	30,4	0,1
2020	385520,9	66,6	33,3	0,1
2021	362385,3	66,0	33,9	0,1
2022	353498,2	63,2	36,7	0,1
Education				
2019	6006,9	60,0	39,9	0,1
2020	9728,8	71,1	28,9	0,0
2021	8546,1	49,0	51,0	0,0
2022	8484,0	48,7	51,3	0,0
Human health and social work activities				
2019	66625,3	76,3	23,7	0,0
2020	142217,9	69,4	30,6	0,0
2021	166743,0	72,0	28,0	0,0
2022	197396,5	69,3	30,7	0,0
Arts, entertainment and recreation				
2019	42577,9	80,6	19,4	0,0
2020	42892,0	76,4	23,6	0,0
2021	51594,1	74,4	25,6	0,0
2022	57352,7	72,4	27,5	0,1
Other services				
2019	10884,0	64,1	35,9	0,0
2020	11062,2	59,5	40,5	0,0
2021	8791,5	59,6	40,4	0,0
2022	6326,3	44,0	56,0	0,0

ACTIVITY OF ENTERPRISES

Table 23.10 continued

own capital	Liabilities		
	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets held for sale and disposal groups and net assets of private pension funds
35,5	16,2	47,7	0,6
36,7	15,4	47,3	0,6
39,7	13,6	46,2	0,5
42,7	14,2	42,6	0,5
12,7	25,2	62,1	0,0
9,7	26,5	63,8	0,0
17,1	23,5	59,4	0,0
12,3	26,2	61,5	0,0
52,1	12,4	35,5	0,0
48,0	13,8	38,2	0,0
51,9	11,7	36,4	0,0
45,2	8,0	46,8	0,0
36,9	15,2	47,9	0,0
35,6	12,3	52,1	0,0
38,3	14,0	47,7	0,0
41,1	14,6	44,3	0,0
25,7	22,8	51,5	0,0
52,4	5,2	42,4	0,0
22,2	12,5	65,3	0,0
16,4	11,1	72,5	0,0
69,9	8,8	21,3	0,0
66,7	11,1	22,2	0,0
64,6	12,2	23,2	0,0
62,0	13,2	24,8	0,0
40,6	9,5	49,9	0,0
44,1	10,4	45,5	0,0
39,3	13,0	47,7	0,0
32,1	14,6	53,3	0,0
44,7	6,1	49,2	0,0
44,6	1,2	54,2	0,0
42,7	1,2	56,1	0,0
42,9	2,0	55,1	0,0

ACTIVITY OF ENTERPRISES

23.11. Financial outcome before taxation, by type of economic activity¹

(mln. UAH)

	2010	2015	2019	2020	2021	2022
Total						
financial outcome (balance)	58334,0	-340126,6	664849,8	303219,3	1119261,7	46127,2
profit	212008,6	475321,2	933160,0	848622,7	1352088,2	1010079,4
loss	153674,6	815447,8	268310,2	545403,4	232826,5	963952,2
share of enterprises that made a loss	41,0	26,3	26,0	28,6	26,7	33,9
Agriculture, forestry and fishing						
financial outcome (balance)	17291,8	103137,6	94041,4	82230,6	239982,5	87258,4
profit	22306,1	128880,2	116561,3	108581,4	248315,2	126351,9
loss	5014,3	25742,6	22519,9	26350,8	8332,7	39093,5
share of enterprises that made a loss	30,5	11,5	16,9	17,3	11,7	21,5
Industry						
financial outcome (balance)	31221,1	-181360,9	166753,2	-22289,6	449515,3	-228844,3
profit	68933,1	90315,9	283690,5	210676,8	541747,4	234309,4
loss	37712,0	271676,8	116937,3	232966,4	92232,1	463153,7
share of enterprises that made a loss	41,3	27,1	27,9	30,3	28,7	35,4
Construction						
financial outcome (balance)	-4418,2	-25074,1	15974,8	-2047,8	8370,6	-17584,5
profit	4905,1	5648,1	24958,7	16418,9	17691,5	11443,1
loss	9323,3	30722,2	8983,9	18466,7	9320,9	29027,6
share of enterprises that made a loss	44,7	28,9	26,2	29,1	29,0	37,6
Wholesale and retail trade; repair of motor vehicles and motorcycles						
financial outcome (balance)	14883,5	-80564,3	129113,3	45272,0	145861,9	50349,4
profit	42655,9	56898,4	159827,3	118199,0	184883,9	165589,8
loss	27772,4	137462,7	30714,0	72927,0	39022,0	115240,4
share of enterprises that made a loss	37,5	23,9	22,9	25,6	22,9	29,2
Transportation and storage, postal and courier activities						
financial outcome (balance)	5058,9	-13921,8	14414,8	17013,3	31246,8	-23035,5
profit	10387,7	23093,7	44391,5	67223,5	60112,5	42554,2
loss	5328,8	37015,5	29976,7	50210,2	28865,7	65589,7
share of enterprises that made a loss	45,4	29,1	26,2	28,3	27,7	31,6
Accommodation and food service activities						
financial outcome (balance)	-548,1	-7094,4	4648,0	-4440,9	5347,2	-8594,7
profit	619,8	771,4	6205,9	2059,2	7002,7	1464,2
loss	1167,9	7865,8	1557,9	6500,1	1655,5	10058,9
share of enterprises that made a loss	42,7	28,1	29,1	40,9	36,3	44,2
Information and communication						
financial outcome (balance)	4101,4	-10166,6	24838,8	16961,1	34002,5	17396,7
profit	8168,5	12057,3	29818,4	29652,8	40332,8	38606,7
loss	4067,1	22223,9	4979,6	12691,7	6330,3	21210,0
share of enterprises that made a loss	41,0	29,0	28,5	28,9	30,1	35,9

ACTIVITY OF ENTERPRISES

Table 23.11 continued

	2010	2015	2019	2020	2021	2022
Financial and insurance activities						
financial outcome (balance)	15627,0	-171,3	69326,6	196913,0	128070,5	276697,4
profit	38445,2	103182,0	92632,9	214119,8	136851,7	323576,2
loss	22818,2	103353,3	23306,3	17206,8	8781,2	46878,8
share of enterprises that made a loss	41,1	36,7	32,5	32,7	31,4	40,6
Real estate activities						
financial outcome (balance)	-6537,7	-63470,1	47317,5	-36027,1	16729,4	-60191,7
profit	4743,7	39330,9	62345,0	24280,3	35632,3	21050,8
loss	11281,4	102801,0	15027,5	60307,4	18902,9	81242,5
share of enterprises that made a loss	50,1	39,4	33,7	39,2	38,8	45,5
Professional, scientific and technical activities						
financial outcome (balance)	-15110,3	-47964,1	84025,1	-9583,4	44370,1	-48959,7
profit	8218,6	10023,2	89920,5	21489,7	50700,2	16313,7
loss	23328,9	57987,3	5895,4	31073,1	6330,1	65273,4
share of enterprises that made a loss	42,5	30,4	30,3	31,5	31,5	41,5
Administrative and support service activities						
financial outcome (balance)	-1578,5	-9425,1	11446,8	875,3	9477,1	-5459,1
profit	1606,8	3797,8	15749,7	12380,3	14159,8	10236,3
loss	3185,3	13222,9	4302,9	11505,0	4682,7	15695,4
share of enterprises that made a loss	44,0	30,7	29,4	34,0	30,0	36,0
Education						
financial outcome (balance)	88,3	105,3	377,7	143,8	126,7	-208,8
profit	163,1	225,7	558,2	551,5	541,4	643,7
loss	74,8	120,4	180,5	407,7	414,7	852,5
share of enterprises that made a loss	35,7	28,5	31,1	33,6	33,9	36,4
Human health and social work activities						
financial outcome (balance)	9,8	-961,1	1990,8	19616,0	8466,7	10964,8
profit	406,5	547,7	4327,5	21672,2	12320,0	15789,6
loss	396,7	1508,8	2336,7	2056,2	3853,3	4824,8
share of enterprises that made a loss	39,3	30,2	28,9	23,9	29,1	33,2
Arts, entertainment and recreation						
financial outcome (balance)	-1784,6	-3489,2	120,3	-1540,3	-2608,4	-3807,7
profit	248,2	109,0	1587,0	907,1	1345,1	1691,1
loss	2032,8	3598,2	1466,7	2447,4	3953,5	5498,8
share of enterprises that made a loss	48,7	37,4	34,6	46,6	43,9	52,1
Other services						
financial outcome (balance)	29,6	293,5	460,7	123,3	302,8	146,5
profit	200,3	439,9	585,6	410,2	451,7	458,7
loss	170,7	146,4	124,9	286,9	148,9	312,2
share of enterprises that made a loss	37,9	27,5	27,3	32,9	31,3	36,2

¹ See the footnote to Table 23.1

ACTIVITY OF ENTERPRISES

23.12. Profitability of operational activity, by type of economic activity¹*(percent)*

	Rate profitability (upprofitability)					
	2010	2015	2019	2020	2021	2022
Total	4,0	1,0	10,2	6,2	12,6	3,3
Agriculture, forestry and fishing	22,9	41,7	19,2	18,6	40,3	20,0
Industry	3,5	0,9	5,5	3,9	11,2	0,8
Construction	-1,5	-7,6	4,6	1,3	2,3	-2,4
Wholesale and retail trade; repair of motor vehicles and motorcycles	9,8	-0,9	25,3	16,2	17,9	17,2
Transportation and storage, postal and courier activities	5,6	1,1	4,1	4,4	5,8	2,7
Accommodation and food service activities	-1,8	-17,3	10,1	-7,9	9,0	-10,0
Information and communication	7,4	0,5	15,4	14,7	15,6	12,9
Financial and insurance activities	3,5	-8,9	7,8	3,5	8,8	-2,7
Real estate activities	0,3	-33,4	34,7	-6,3	15,5	-17,1
Professional, scientific and technical activities	-6,6	-1,1	26,2	2,4	4,1	-10,4
Administrative and support service activities	-3,3	-11,9	7,0	5,5	7,1	0,8
Education	4,9	5,7	11,0	7,1	5,6	2,1
Human health and social work activities	4,0	-0,6	3,0	11,2	0,0	3,2
Arts, entertainment and recreation	-26,9	-25,3	1,0	-10,6	-12,5	-10,0
Other services	4,3	7,3	6,1	3,4	3,5	5,1

¹ See the footnote to Table 23.6

24. INTERNATIONAL COMPARISONS¹

24.1. Area and population in 2021

Country	Area, thsd.sq.km	Population on average per year, mln.	Population growth rate (decrease) over 2019, percent	Capital
Ukraine	603,5	41,2²	−0,9	Kyiv
Austria	83,9	9,0	0,4	Vienna
Azerbaijan	86,6	10,0	0,4	Baku
Albania	28,7	2,8	−0,9	Tirana
Belgium	30,5	11,6	0,4	Brussels
belarus	207,6	9,3	−0,2	minsk
Bulgaria	111,0	6,9	−0,8	Sofia
Bosnia and Herzegovina	51,2	3,5	−0,2	Sarajevo
United Kingdom of Great Britain and Northern Ireland	242,9	...	−0,1	London
Armenia	29,7	3,0	0,0	Yerevan
Greece	132,0	10,6	−0,5	Athens
Georgia	69,7	3,7	−0,4	Tbilisi
Denmark	43,1	5,9	0,4	Copenhagen
Estonia	45,2	1,3	0,1	Tallinn
Israel	22,1	9,4	1,7	Jerusalem
Ireland	70,3	5,0	0,8	Dublin
Iceland	103,0	0,4	1,6	Reykjavik
Spain	506,0	47,4	−0,1	Madrid
Italy	301,3	59,1	−0,5	Rome
Kazakhstan	2724,9	...	1,0	Astana
Canada	9970,6	38,2	0,6	Ottawa
Kyrgyzstan	199,9	6,7	1,3	Bishkek
Cyprus	9,3	0,9	0,9	Nicosia
Latvia	64,6	1,9	−0,9	Riga
Lithuania	65,3	2,8	0,5	Vilnius
Liechtenstein	0,2	...	0,7	Vaduz

¹ Information is available from the United Nations Economic Commission for Europe statistical data base

INTERNATIONAL COMPARISONS

Table 24.1 continued

Country	Area, thsd.sq.km	Population on average per year, mln.	Population growth rate (decrease) over 2019, percent	Capital
Luxembourg	2,6	0,6	1,6	Luxembourg
Malta	0,3	0,5	0,5	Valletta
Netherlands	41,5	17,5	0,5	Amsterdam
Germany	357,0	83,2	0,0	Berlin
Norway	323,8	5,4	0,5	Oslo
North Macedonia	25,7	1,8	...	Skopje
Poland	312,7	37,7	−0,5	Warsaw
Portugal	92,0	10,3	−0,1	Lisbon
Moldova, Republic of	33,8	2,6	...	Chisinau
russian federation	17075,4	...	...	moscow
Romania	238,4	19,1	−0,7	Bucharest
Serbia	88,4	6,8	−0,9	Belgrade
Slovakia	49,0	5,4	−0,4	Bratislava
Slovenia	20,3	2,1	0,2	Ljubljana
USA	9629,1	331,9	0,7	Washington
Tajikistan	143,1	...	1,9	Dushanbe
Turkey	774,8	...	...	Ankara
Turkmenistan	488,1	...	1,4	Ashgabat
Hungary	93,0	9,7	−0,4	Budapest
Uzbekistan	447,4	34,9	1,2	Tashkent
Finland	338,2	5,5	0,2	Helsinki
France	551,5	67,8	0,3	Paris
Croatia	56,5	3,9	−2,2	Zagreb
Czechia	78,9	10,6	0,0	Prague
Montenegro	13,8	0,6	0,0	Podgorica
Switzerland	41,3	8,7	0,8	Bern
Sweden	450,0	10,4	0,6	Stockholm

² Resident population

INTERNATIONAL COMPARISONS

24.2. Total fertility rate

(average number of births that born a woman)

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	1,1	1,2	1,4	1,5¹	1,3¹	1,2¹	1,2¹	1,2¹
Austria	1,4	1,4	1,4	1,5	1,5	1,5	1,4	1,5
Azerbaijan	2,0	2,3	2,3	2,1	1,8	1,8	...	...
Albania	2,4	1,8	...	1,7	1,4	...	1,3	1,3
Belgium	1,6	1,7	1,9	1,7	1,6	1,6	1,6	1,6
belarus	1,3	1,2	1,5	1,7	1,4	1,4	...	...
Bulgaria	1,3	1,4	1,6	1,5	1,6	1,6	1,6	1,6
Bosnia and Herzegovina	1,3	1,2	1,3	1,2	1,3	1,2	...	...
United Kingdom of Great Britain and Northern Ireland	1,6	1,8	1,9	1,8	1,7	1,7	1,6	...
Armenia	1,3	1,3	1,5	1,6	1,6	1,6	...	...
Greece	1,2	1,3	1,5	1,3	1,4	1,3	1,4	1,4
Georgia	1,5	1,4	2,0	2,3	2,1	2,0	2,0	2,0
Denmark	1,8	1,8	1,9	1,7	1,7	1,7	1,7	1,7
Estonia	1,4	1,5	1,7	1,6	1,7	1,7	1,6	1,6
Israel	3,0	2,8	3,0	3,1	3,1	3,0	2,9	...
Ireland	1,9	1,9	2,0	1,8	1,8	1,7	1,6	1,8
Iceland	2,1	2,0	2,2	1,8	1,7	1,7	1,7	1,8
Spain	1,2	1,3	1,4	1,3	1,3	1,2	1,2	1,2
Italy	1,3	1,3	1,5	1,4	1,3	1,3	1,2	1,2
Kazakhstan	1,8	2,2	2,6	2,7	2,8	2,9	...	...
Canada	1,5	1,5	1,6	1,6	1,5	1,5	...	...
Kyrgyzstan	2,4	2,5	3,0	3,2	3,3	3,3	...	...
Cyprus	1,6	1,5	1,4	1,3	1,3	1,3	1,4	1,4
Latvia	1,2	1,4	1,4	1,7	1,6	1,6	1,6	1,6
Lithuania	1,4	1,3	1,5	1,7	1,6	1,6	1,5	1,4
Luxembourg	1,8	1,6	1,6	1,5	1,4	1,3	1,4	1,4

INTERNATIONAL COMPARISONS

Table 24.2 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	1,7	1,4	1,4	1,4	1,2	1,1	1,1	1,1
Netherlands	1,7	1,7	1,8	1,7	1,6	1,6	1,5	1,6
Germany	1,4	1,3	1,4	1,5	1,6	1,5	1,5	1,6
Norway	1,8	1,8	2,0	1,7	1,6	1,5	1,5	1,6
North Macedonia	1,9	1,5	1,6	1,5	1,4	1,3	1,3	1,4
Poland	1,4	1,2	1,4	1,3	1,5	1,4	1,4	1,3
Portugal	1,6	1,4	1,4	1,3	1,4	1,4	1,4	1,4
Moldova, Republic of	1,3	1,3	1,3	1,9	1,8	1,8	1,8	1,7
russian federation	1,2	1,3	1,6	...	...	...	...	...
Romania	1,3	1,4	1,6	1,6	1,8	1,8	1,8	1,8
Serbia	1,5	1,4	1,4	1,5	1,5	1,5	1,5	1,5
Slovakia	1,3	1,3	1,4	1,4	1,5	1,6	1,6	1,6
Slovenia	1,3	1,3	1,6	1,6	1,6	1,6	1,6	1,6
USA	2,1	2,1	1,9	1,8	1,7	...	...	...
Tajikistan	3,5	3,3	3,6	3,8	...	...	...	...
Turkey	2,3	2,2	2,0	2,1	2,0	1,9	...	...
Hungary	1,3	1,3	1,2	1,4	1,6	1,6	1,6	1,6
Uzbekistan	2,6	2,4	2,3	2,5	2,8	2,8	...	...
Finland	1,7	1,8	1,9	1,6	1,4	1,4	1,4	1,5
France	1,9	1,9	2,0	2,0	1,9	1,9	1,8	1,8
Croatia	...	1,5	1,6	1,4	1,5	1,5	1,5	1,6
Czechia	1,2	1,3	1,5	1,6	1,7	1,7	1,7	1,8
Montenegro	...	1,7	1,7	1,7	1,8	1,8	1,8	1,8
Switzerland	1,5	1,4	1,5	1,5	1,5	1,5	1,5	1,5
Sweden	1,5	1,8	2,0	1,8	1,8	1,7	1,7	1,7

¹ The calculation excludes data on the Donetsk and Luhansk regions

INTERNATIONAL COMPARISONS

24.3. Females life expectancy at birth*(years)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	73,5	74,0¹	75,5²	76,3³	76,7³	77,0³	76,2³	74,4³
Austria	81,2	82,2	83,5	83,7	84,1	84,2	83,6	83,7
Azerbaijan	75,1	75,1	76,2	77,6	78,2	78,7	...	...
Albania	...	...	...	79,7	80,5	80,7	79,6	77,7
Belgium	81,0	81,9	83,0	83,4	83,9	84,3	83,0	84,3
belarus	74,7	75,1	76,5	78,9	79,4	79,4	...	...
Bulgaria	75,0	76,2	77,4	78,2	78,6	78,8	77,5	75,1
Bosnia and Herzegovina	76,7	77,5	78,1	78,8	79,6	79,6	...	...
United Kingdom of Great Britain and Northern Ireland	80,3	81,3	82,6	82,8	83,1	...	...	...
Armenia	75,8	76,2	76,4	78,2	79,0	79,5	...	...
Greece	81,3	82,5	83,3	83,7	84,4	84,2	83,9	82,9
Georgia	73,8	73,7	75,8	77,3	78,2	78,4	...	...
Denmark	79,2	80,5	81,4	82,7	82,9	83,5	83,6	83,3
Estonia	76,4	78,2	80,8	82,2	82,7	83,0	83,0	81,4
Israel	81,1	82,1	84,1	84,1	84,8	84,7	...	...
Ireland	79,2	81,3	83,1	83,4	84,1	84,7	84,4	84,3
Iceland	81,6	83,5	84,1	83,8	84,5	84,7	84,6	84,6
Spain	82,8	83,6	85,5	85,7	86,3	86,7	85,2	86,2
Italy	82,8	83,6	84,7	84,9	85,6	85,7	84,5	84,9
Kazakhstan	71,1	72,2	73,4	76,3	77,2	77,3	...	...
Canada	81,6	82,3	83,3	83,9	84,0	84,2	...	...
Kyrgyzstan	72,4	71,9	73,5	74,8	75,6	75,8	...	...
Cyprus	80,1	80,8	83,9	83,7	84,8	84,4	84,4	83,4
Latvia	...	76,3	78,0	79,5	79,7	80,1	80,0	78,0
Lithuania	77,4	77,4	78,9	79,7	80,7	81,2	80,1	78,8
Luxembourg	81,3	82,3	83,5	84,7	84,6	85,2	84,5	84,8

INTERNATIONAL COMPARISONS

Table 24.3 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	80,5	81,4	83,6	84,1	84,6	84,6	84,5	84,3
Netherlands	80,7	81,7	83,0	83,2	83,4	83,7	83,1	83,0
Germany	81,2	82,0	83,0	83,1	83,3	83,7	83,5	83,3
Norway	81,5	82,7	83,3	84,2	84,5	84,7	84,9	84,7
North Macedonia	75,2	75,9	77,2	77,4	78,8	78,6	76,7	75,5
Poland	78,0	79,3	80,7	81,6	81,7	81,9	80,7	79,6
Portugal	80,4	81,5	83,2	84,3	84,5	84,8	84,1	84,4
Moldova, Republic of	71,2	71,7	73,4	73,7	75,0	75,1	...	...
russian federation	72,4	72,4	74,9	...	...	...	...	...
Romania	74,8	75,4	77,7	78,6	79,2	79,5	78,3	76,6
Serbia	75,1	75,4	76,6	77,9	78,4	78,6	77,5	75,7
Slovakia	77,5	78,1	79,3	80,2	80,8	81,2	80,4	78,2
Slovenia	79,9	80,9	83,1	83,9	84,4	84,5	83,4	83,8
USA	79,3	79,9	81,1	...	...	...	...	...
Tajikistan	70,3	73,2	74,4	75,6	76,9	76,8	...	...
Turkey	73,1	76,6	79,4	81,0	81,6	81,8	...	...
Hungary	76,2	77,2	78,6	79,0	79,6	79,7	79,0	77,8
Finland	81,2	82,5	83,5	84,4	84,5	84,8	84,8	84,6
France	83,0	83,8	85,3	85,6	85,8	85,9	85,3	85,5
Croatia	...	78,8	79,9	80,5	81,5	81,6	80,9	79,8
Czechia	78,5	79,2	80,9	81,6	82,0	82,2	81,3	80,5
Montenegro	76,7	76,8	78,5	78,6	79,3	79,5	78,8	77,0
Switzerland	82,8	84,0	84,9	85,1	85,7	85,8	85,1	85,8
Sweden	82,0	82,9	83,6	84,1	84,3	84,8	84,2	84,9

¹ SSSU data for 2004, 2005² SSSU data for 2009, 2010³ See the footnote for Table 24.2

INTERNATIONAL COMPARISONS

24.4. Males life expectancy at birth

(years)

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	62,1	62,2¹	65,3²	66,4³	66,7³	66,9³	66,4³	65,2³
Austria	75,2	76,6	77,8	78,8	79,4	79,7	78,9	78,8
Azerbaijan	68,6	69,6	70,9	72,7	73,3	74,0	...	...
Albania	...	...	...	76,3	77,4	77,6	75,2	73,6
Belgium	74,6	76,2	77,5	78,7	79,4	79,8	78,5	79,4
belarus	63,4	62,9	64,6	68,6	69,2	69,3	...	...
Bulgaria	68,4	69,0	70,3	71,2	71,5	71,6	70,0	68,0
Bosnia and Herzegovina	71,3	72,1	72,9	73,7	74,6	74,6	...	...
United Kingdom of Great Britain and Northern Ireland	75,5	77,0	78,6	79,2	79,5	...	...	...
Armenia	70,1	70,1	70,1	71,7	72,4	73,1	...	...
Greece	75,9	76,8	78,0	78,5	79,3	79,2	78,8	77,4
Georgia	66,2	66,0	66,7	68,7	69,7	69,8	...	...
Denmark	74,5	76,0	77,2	78,8	79,1	79,5	79,7	79,6
Estonia	65,6	67,6	70,9	73,2	74,0	74,5	74,4	72,7
Israel	76,7	78,2	80,2	80,1	80,9	81,0	...	...
Ireland	74,0	76,7	78,5	79,6	80,4	80,8	80,8	80,5
Iceland	77,8	79,6	79,8	81,2	81,3	81,7	81,6	81,8
Spain	75,8	77,0	79,2	80,1	80,7	81,1	79,6	80,4
Italy	76,9	78,1	79,5	80,3	81,2	81,4	80,0	80,5
Kazakhstan	60,1	60,4	63,6	67,5	68,8	68,8	...	...
Canada	76,3	77,6	78,8	79,8	79,9	80,0	...	...
Kyrgyzstan	64,9	64,2	65,3	66,7	67,4	67,6	...	...
Cyprus	75,4	76,5	79,2	79,9	80,9	80,3	80,4	79,2
Latvia	...	64,9	67,9	69,7	70,1	70,9	70,6	68,2
Lithuania	66,7	65,2	67,6	69,2	70,9	71,6	70,1	69,5
Luxembourg	74,6	76,7	77,9	80,0	80,1	80,2	79,9	80,5

INTERNATIONAL COMPARISONS

Table 24.4 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	76,3	77,3	79,3	79,8	80,4	81,2	80,3	80,8
Netherlands	75,6	77,2	78,9	79,9	80,3	80,6	79,7	79,7
Germany	75,1	76,7	78,0	78,3	78,6	79,0	78,7	78,4
Norway	76,0	77,8	79,0	80,5	81,1	81,3	81,6	81,7
North Macedonia	70,8	71,6	72,9	73,5	74,6	74,7	72,2	71,1
Poland	69,6	70,8	72,2	73,5	73,7	74,1	72,5	71,6
Portugal	73,3	74,9	76,8	78,1	78,3	78,7	78,0	78,5
Moldova, Republic of	63,9	63,8	65,0	65,2	66,3	66,8	...	...
russian federation	59,2	59,0	63,1	...	...	...	...	...
Romania	67,7	68,4	70,0	71,4	71,7	71,9	70,4	69,2
Serbia	69,5	70,0	71,4	72,8	73,5	73,4	71,6	70,0
Slovakia	69,2	70,2	71,8	73,1	73,9	74,3	73,5	71,2
Slovenia	72,2	73,9	76,4	77,8	78,5	78,7	77,8	77,7
USA	74,1	74,9	76,2	...	...	...	...	...
Tajikistan	66,1	68,1	70,8	71,8	73,3	73,5	...	...
Turkey	69,0	72,2	74,2	75,4	76,2	76,4	...	...
Hungary	67,5	68,7	70,7	72,3	72,7	73,1	72,3	70,7
Finland	74,2	75,6	76,9	78,7	79,1	79,3	79,2	79,3
France	75,3	76,7	78,2	79,2	79,7	79,9	79,2	79,3
Croatia	...	71,7	73,4	74,4	74,9	75,5	74,7	73,6
Czechia	71,6	72,9	74,5	75,7	76,2	76,4	75,3	74,1
Montenegro	71,5	71,3	73,6	74,4	74,5	74,0	73,2	70,8
Switzerland	77,0	78,7	80,3	80,8	81,9	82,1	81,0	81,8
Sweden	77,4	78,5	79,6	80,4	80,9	81,5	80,6	81,3

¹ See the first footnote to Table 24.3² See the second footnote to Table 24.3³ See the footnote for Table 24.2

INTERNATIONAL COMPARISONS

24.5. Labour force of women aged 15–64 year old*(percent)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	62,6	61,7	62,1	60,4	62,1	63,2	62,2	61,9
Austria	62,4	64,5	68,4	70,3	71,3	71,7	71,5	72,0
Azerbaijan	79,7	71,3	67,9	68,3	69,7	70,8	71,4	71,7
Albania	...	...	59,8	56,6	...	62,4	...	...
Belgium	56,6	59,4	61,7	62,8	64,0	64,6	64,2	65,3
belarus	65,6	...	...	74,9	74,2	74,8	...	...
Bulgaria	56,3	57,9	62,6	65,5	67,1	68,9	67,5	67,7
United Kingdom of Great Britain and Northern Ireland	67,0	67,9	68,5	70,8	72,3	...	...	...
Armenia	...	...	57,4	54,7	50,4	52,6	...	...
Greece	49,1	55,1	57,4	59,8	59,6	59,9	58,8	59,5
Georgia	54,1	58,3	62,8	64,6	63,1	61,7	61,6	...
Denmark	75,3	75,6	74,4	73,3	75,1	75,9	75,7	76,1
Estonia	66,0	67,9	71,3	72,7	75,2	75,5	75,9	76,7
Israel	56,3	58,4	60,9	68,3	69,3	69,1	68,0	...
Ireland	55,3	60,6	64,6	65,2	67,1	67,3	66,2	69,7
Iceland	80,7	77,4	78,6	81,0	79,3	79,9	77,7	77,3
Spain	51,0	58,7	66,1	68,9	68,5	68,8	67,5	69,4
Italy	46,5	50,5	51,4	54,1	56,5	57,1	55,4	55,6
Kazakhstan	...	72,2	72,3	71,7	73,4	73,5	...	...
Canada	69,2	71,7	72,9	73,2	73,8	74,1	72,5	74,3
Kyrgyzstan	62,1	58,0	56,3	53,3	48,0	48,4	...	...
Cyprus	55,7	61,9	65,4	67,5	68,5	68,7	67,5	69,5
Latvia	61,9	64,6	71,2	72,1	74,4	74,4	75,3	72,5
Lithuania	67,6	...	...	72,6	75,9	77,0	77,2	75,9
Luxembourg	50,8	55,5	58,6	64,5	66,5	66,4	68,1	69,0

INTERNATIONAL COMPARISONS

Table 24.5 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	...	...	42,3	55,5	63,6	65,3	67,2	69,1
Netherlands	65,2	67,4	71,8	74,0	75,1	75,9	76,2	79,5
Germany	62,6	67,0	70,1	72,4	74,0	74,9	74,2	74,3
Norway	75,8	74,1	75,4	75,9	75,2	75,5	75,7	77,2
North Macedonia	...	...	50,2	51,9	52,1	54,8	54,0	...
Poland	59,7	56,9	55,9	58,6	59,3	59,2	59,4	61,7
Portugal	63,7	67,8	69,7	70,2	72,1	72,7	71,9	73,0
Moldova, Republic of	...	52,9	44,5	48,3	49,9	46,9	44,4	...
russian federation	65,6	67,4	67,9	...	...	...	...	...
Romania	61,8	56,9	56,2	56,9	58,8	59,4	59,7	55,3
Serbia	...	...	49,3	55,7	60,5	61,2	60,7	62,8
Slovakia	62,7	61,5	62,1	64,5	66,2	66,7	66,7	...
Slovenia	63,3	66,0	67,6	67,9	71,9	72,1	72,3	71,6
USA	68,8	67,3	66,0	65,4	66,8	67,4	65,9	66,2
Turkey	28,5	24,9	29,2	34,3	37,4	37,7	34,2	...
Hungary	50,9	54,4	55,6	61,5	64,1	64,5	64,7	70,4
Finland	74,2	72,7	72,6	74,4	76,3	76,6	76,5	77,0
France	59,4	61,7	63,0	66,3	67,2	67,3	66,6	68,5
Croatia	...	54,6	59,6	62,1	62,3	62,4	62,6	66,1
Czechia	63,6	62,6	61,9	66,4	69,6	69,7	69,2	70,4
Montenegro	...	54,5	53,9	57,1	58,1	60,6	56,5	...
Switzerland	71,3	74,0	74,8	77,9	79,0	79,4	79,2	78,9
Sweden	73,2	75,9	76,2	79,9	81,0	81,2	80,3	80,4

INTERNATIONAL COMPARISONS

24.6. Labour force of men aged 15–64 year old*(percent)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	71,8	71,6	72,4	72,6	73,4	74,5	73,3	72,7
Austria	79,1	76,6	78,5	78,3	79,6	79,8	79,1	80,0
Azerbaijan	88,0	78,7	72,5	73,3	74,9	77,0	77,2	77,6
Albania	...	...	77,8	72,6	...	77,4	...	...
Belgium	73,7	73,9	73,2	71,7	72,1	72,3	71,8	72,8
belarus	73,5	...	...	82,7	83,6	83,3	...	...
Bulgaria	65,7	66,3	71,1	73,0	75,7	77,5	76,4	75,9
United Kingdom of Great Britain and Northern Ireland	81,1	80,5	79,8	80,5	80,9	...	...	...
Armenia	...	...	71,7	64,8	74,2	74,2	...	...
Greece	74,3	77,3	76,8	76,4	76,8	76,3	74,8	74,4
Georgia	70,5	74,7	80,1	83,5	78,0	76,8	76,3	...
Denmark	83,1	83,1	81,0	79,8	80,8	81,8	81,5	81,7
Estonia	74,6	72,5	76,4	78,7	80,5	79,9	80,5	79,8
Israel	67,2	66,9	68,1	75,9	74,4	74,0	71,6	...
Ireland	78,8	80,1	78,7	78,9	78,7	79,1	77,7	79,3
Iceland	86,6	83,4	83,0	84,8	84,6	84,1	82,3	82,2
Spain	76,8	80,6	80,1	79,1	78,3	78,1	76,4	77,1
Italy	74,2	74,3	73,5	73,9	75,1	75,3	74,1	73,2
Kazakhstan	...	80,1	79,9	80,8	81,5	82,1	...	...
Canada	79,9	80,3	79,2	80,0	79,4	79,9	79,0	80,4
Kyrgyzstan	72,5	78,6	80,4	78,7	78,2	77,8	...	...
Cyprus	75,8	80,3	74,9	74,4	76,1	77,2	78,3	79,4
Latvia	73,2	72,6	74,8	77,4	78,9	78,5	79,4	77,5
Lithuania	75,0	73,0	73,2	75,9	78,8	78,9	79,6	79,4
Luxembourg	75,0	73,3	73,0	74,0	72,9	74,8	74,0	74,7

INTERNATIONAL COMPARISONS

Table 24.6 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	80,2	77,6	76,8	80,9	84,3	84,8	84,5	85,4
Netherlands	83,2	81,6	82,2	83,3	83,4	83,8	83,6	85,9
Germany	77,1	79,6	80,5	80,6	82,2	82,8	81,8	82,0
Norway	83,3	80,4	80,3	80,0	80,0	80,4	80,2	81,3
North Macedonia	...	...	77,4	77,4	78,2	77,2	76,7	...
Poland	70,2	68,9	68,9	71,4	72,0	72,4	73,0	74,0
Portugal	78,5	78,8	77,8	76,4	78,0	78,1	76,6	77,5
Moldova, Republic of	...	53,1	48,4	52,5	54,2	52,6	51,2	...
russian federation	75,2	75,0	77,7	...	...	...	...	...
Romania	75,3	71,6	73,8	75,8	77,3	78,2	79,0	76,0
Serbia	...	...	65,4	71,7	74,9	74,7	74,4	77,2
Slovakia	75,4	76,1	76,7	77,7	79,0	79,1	78,6	...
Slovenia	71,4	74,8	75,3	75,3	77,8	77,6	77,4	76,7
USA	79,2	78,0	75,8	74,5	75,6	75,8	73,2	73,6
Turkey	76,6	71,5	71,0	74,3	75,7	74,9	71,8	...
Hungary	65,6	66,3	66,0	73,7	77,3	78,3	78,8	79,4
Finland	78,6	75,7	75,8	76,3	78,8	79,2	79,1	79,7
France	70,5	71,1	70,9	73,3	73,7	73,3	72,4	73,5
Croatia	...	66,2	70,6	71,4	71,3	71,7	72,4	75,7
Czechia	77,9	78,5	79,2	81,4	83,2	83,3	83,3	84,1
Montenegro	...	69,8	69,6	68,2	73,0	74,7	70,2	...
Switzerland	89,2	87,1	86,7	87,0	87,2	87,1	87,0	86,5
Sweden	77,0	80,5	81,8	83,5	84,4	84,7	84,7	84,3

INTERNATIONAL COMPARISONS

24.7. Unemployment rate

(percentage of labor force)

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine¹	11,6	7,2	8,1	9,1	8,8	8,2	9,5	9,9
Austria	3,5	5,6	5,2	6,1	5,2	4,8	6,0	6,2
Azerbaijan	...	...	...	...	...	...	...	...
Albania	...	...	...	...	...	...	...	...
Belgium	7,0	8,5	8,4	8,7	6,0	5,5	5,8	6,3
belarus	...	...	...	5,2	4,8	4,2	4,0	3,9
Bulgaria	16,9	10,1	11,3	10,1	6,2	5,2	6,1	5,3
Bosnia and Herzegovina	...	...	...	...	...	...	...	...
United Kingdom of Great Britain and Northern Ireland	...	...	...	...	...	...	...	...
Armenia	...	...	...	...	...	...	...	...
Greece	11,4	10,0	12,9	25,0	19,7	17,9	17,6	14,7
Georgia	10,3	15,1	27,2	21,9	19,2	17,6	18,5	20,6
Denmark	4,6	4,8	7,7	6,3	5,1	5,0	5,6	5,1
Estonia	14,6	8,0	16,6	6,4	5,4	4,5	6,9	6,2
Israel	...	...	...	...	...	...	...	...
Ireland	4,5	4,6	14,6	9,9	5,8	5,0	5,9	6,2
Iceland	...	2,5	7,6	4,0	2,7	3,5	5,5	6,1
Spain	13,9	9,2	19,9	22,1	15,3	14,1	15,5	14,8
Italy	10,6	7,7	8,5	12,0	10,6	9,9	9,3	9,5
Kazakhstan	...	...	...	...	...	...	...	...
Canada	...	...	...	...	...	...	...	...
Kyrgyzstan	7,5	8,1	8,6	7,6	4,5	5,3	5,8	...
Cyprus	4,9	5,3	6,3	15,0	8,4	7,1	7,6	7,5
Latvia	14,3	10,0	19,7	9,9	7,4	6,3	8,1	7,6
Lithuania	16,4	8,3	17,8	9,1	6,2	6,3	8,5	7,1
Luxembourg	2,4	4,5	4,4	6,7	5,6	5,6	6,8	5,3

INTERNATIONAL COMPARISONS

Table 24.7 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	6,6	6,9	6,9	5,4	3,7	3,6	4,4	3,4
Netherlands	2,9	5,9	6,1	7,9	4,9	4,4	4,9	4,2
Germany	...	...	...	...	...	...	...	...
Norway	3,3	4,4	4,0	4,7	4,0	3,9	4,7	4,4
North Macedonia	...	...	...	...	...	...	...	...
Poland	16,2	17,8	10,0	7,7	3,9	3,3	3,2	3,4
Portugal	4,1	7,7	12,6	13,0	7,2	6,7	7,0	6,6
Moldova, Republic of	...	...	...	...	...	...	...	...
russian federation	...	...	...	...	...	...	...	...
Romania	7,3	7,2	9,0	8,4	5,3	4,9	6,1	5,6
Serbia	12,1	20,8	19,2	17,7	12,7	10,4	9,7	11,0
Slovakia	18,8	16,3	14,3	11,5	6,5	5,7	6,7	6,8
Slovenia	6,8	6,5	7,3	9,0	5,1	4,4	5,0	4,8
USA	...	...	...	...	...	...	...	...
Tajikistan	2,7	1,9	2,1	2,3	2,1	2,1	...	...
Turkey	5,2	9,5	10,7	10,3	10,9	13,7	13,2	...
Hungary	6,4	7,2	10,8	6,6	3,6	3,3	4,1	4,1
Uzbekistan	...	...	5,4	5,2	9,3	9,0	10,5	9,6
Finland	9,8	8,4	8,6	9,4	7,5	6,8	7,7	7,7
France	...	...	...	...	...	...	...	...
Croatia	16,1	12,8	11,7	16,2	8,5	6,6	7,5	7,6
Czechia	8,8	7,9	7,3	5,1	2,2	2,0	2,6	2,8
Montenegro	...	...	...	...	...	...	...	...
Switzerland	2,7	4,5	4,8	4,8	4,7	4,4	4,8	3,0
Sweden	5,5	7,5	8,8	7,6	6,5	7,0	8,5	8,8

¹ For population aged 15–70

INTERNATIONAL COMPARISONS

24.8. GDP¹*(USD bln. at purchasing power parities of 2010)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	...	762,8	802,0	714,7	775,6	800,4	770,3	796,9
Austria	288,1	314,4	335,5	353,6	377,7	383,5	358,7	375,1
Azerbaijan	47,7	89,8	191,8	215,6	212,3	217,5	208,3	220,0
Albania	15,8	21,1	27,2	29,8	33,2	33,9	32,7	35,5
Belgium	343,6	378,3	407,2	434,4	455,0	465,3	440,4	468,0
belarus	120,0	171,9	244,3	259,1	267,3	271,2	269,4	275,9
Bulgaria	80,2	105,8	125,5	134,1	145,8	151,7	145,7	156,8
Bosnia and Herzegovina	...	30,5	35,1	37,9	42,0	43,2	41,9	45,0
United Kingdom of Great Britain and Northern Ireland	1936,9	2212,2	2269,6	2508,5	2628,7	2664,7	...	...
Armenia	11,5	20,8	25,1	31,1	35,2	37,9	35,2	37,3
Greece	265,6	321,4	316,1	258,0	263,9	268,8	244,6	265,3
Georgia	...	...	37,9	48,3	54,6	57,3	53,5	59,0
Denmark	195,7	209,1	211,3	225,3	243,9	247,6	242,6	254,4
Estonia	21,0	29,9	29,3	34,5	39,1	40,6	40,3	43,6
Israel	175,5	194,6	239,8	288,8	327,5	341,1	334,8	363,6
Ireland	125,2	162,4	165,5	228,0	275,1	290,1	308,0	349,9
Iceland	13,6	16,6	17,5	20,0	23,3	23,7	22,0	22,9
Spain	1130,8	1329,1	1394,0	1392,9	1511,7	1541,6	1367,1	1442,5
Italy	1826,5	1911,6	1884,2	1821,1	1892,8	1901,9	1731,1	1852,1
Kazakhstan	274,2	449,1	606,9	773,4	869,5	909,0	886,2	924,2
Canada	1150,4	1301,9	1372,8	1525,7	1642,4	1673,6	1595,8	1673,7
Kyrgyzstan	18,0	21,7	26,9	34,0	38,6	40,3	36,9	39,2
Cyprus	19,3	23,5	26,9	24,8	29,5	31,1	29,8	31,7
Latvia	28,6	42,3	41,2	48,9	53,8	55,2	53,9	56,2
Lithuania	42,1	60,8	64,4	77,6	86,3	90,3	90,2	95,6
Luxemburg	33,5	39,1	44,8	49,8	53,6	54,9	54,5	57,2

INTERNATIONAL COMPARISONS

Table 24.8 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	9,4	10,2	11,9	15,5	18,9	20,2	18,4	20,6
Netherlands	622,4	665,3	712,5	739,5	796,1	811,7	780,1	818,1
Germany	2698,1	2771,0	2938,4	3195,0	3386,7	3422,4	3295,9	3382,5
Norway	247,7	276,3	289,3	315,5	329,7	333,4	329,2	342,0
North Macedonia	16,9	18,6	22,7	25,6	27,4	28,4	27,1	28,2
Poland	527,4	612,8	768,0	895,5	1027,0	1072,7	1051,0	1123,9
Portugal	251,4	262,5	270,4	259,2	281,5	289,1	265,1	279,7
Moldova, Republic of	...	...	32,6	39,0	44,2	45,8	42,0	47,8
russian federation	2442,6	3290,7	3916,3	...	...	...	...	...
Romania	254,9	335,4	385,6	442,4	522,0	542,2	522,2	552,5
Serbia	76,0	103,8	120,2	125,6	138,5	144,5	143,2	154,0
Slovakia	74,4	95,1	121,8	137,7	150,3	154,1	148,9	156,2
Slovenia	45,6	54,3	59,6	60,8	68,7	71,1	68,0	73,6
USA	12634,3	14329,9	15049,0	16723,5	17895,6	18306,2	17799,5	18857,9
Tajikistan	18,3	29,0	39,7	53,1	63,1	67,8	70,8	77,5
Turkey	942,7	1197,0	1399,1	1968,9	2252,1	2269,8	2313,8	2576,5
Turkmenistan	47,6	61,0	99,9	164,7	197,7	203,7	...	...
Hungary	170,0	211,2	209,9	232,4	260,9	273,6	261,2	280,0
Uzbekistan	198,8	258,5	443,3	627,7	731,4	773,1	787,7	846,2
Finland	161,2	183,4	192,1	192,8	206,9	209,4	204,5	210,7
France	1922,5	2090,0	2177,2	2291,4	2413,8	2458,3	2266,9	2421,4
Croatia	8,4	10,5	10,8	10,7	11,8	12,2	11,2	12,6
Czechia	200,2	242,6	274,2	298,2	331,9	342,0	323,2	334,6
Montenegro	...	...	...	...	...	...	...	...
Switzerland	308,4	330,2	370,3	404,0	429,9	434,8	424,5	442,4
Sweden	303,2	345,1	377,0	419,8	448,0	456,9	447,0	471,1

¹ Here and elsewhere (Tables 24.9, 24.10) estimated data from Statistics Division of United Nations Economic Commission for Europe

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24.9. GDP annual growth rate (decrease)¹*(percent of the previous year; at the 2010 PPPs)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine²	5,9	3,1	4,1	-9,8	3,5	3,2	-3,8	3,4
Austria	3,4	2,2	1,8	1,0	2,4	1,5	-6,5	4,6
Azerbaijan	11,1	26,4	5,0	1,1	1,5	2,5	-4,2	5,6
Albania	...	5,5	3,7	2,2	4,0	2,1	-3,5	8,5
Belgium	3,7	2,3	2,9	2,0	1,8	2,3	-5,4	6,3
belarus	...	9,4	7,8	-3,8	3,2	1,4	-0,7	2,4
Bulgaria	4,6	7,1	1,5	3,4	2,7	4,0	-4,0	7,6
Bosnia and Herzegovina	...	...	0,9	4,3	3,8	2,9	-3,0	7,4
United Kingdom of Great Britain and Northern Ireland	3,5	3,0	2,1	2,4	1,3	1,4	...	...
Armenia	5,9	13,9	2,2	3,2	5,2	7,6	-7,2	5,8
Greece	3,9	0,6	-5,5	-0,2	1,7	1,9	-9,0	8,4
Georgia	...	...	...	3,0	4,8	5,0	-6,8	10,5
Denmark	3,7	2,3	1,9	2,3	2,0	1,5	-2,0	4,9
Estonia	10,1	9,5	2,4	1,9	3,8	3,7	-0,6	8,0
Israel	8,7	4,1	5,7	2,5	4,1	4,2	-1,9	8,6
Ireland	9,4	5,7	1,7	24,4	8,5	5,4	6,2	13,6
Iceland	5,0	6,1	-2,8	4,4	4,9	1,8	-7,2	4,3
Spain	5,2	3,7	0,2	3,8	2,3	2,0	-11,3	5,5
Italy	3,8	0,8	1,7	0,8	0,9	0,5	-9,0	7,0
Kazakhstan	9,8	9,7	7,3	1,2	4,1	4,5	-2,5	4,3
Canada	5,5	3,2	2,9	0,6	3,2	1,9	-4,6	4,9
Kyrgyzstan	5,4	-0,2	-0,5	3,9	3,8	4,6	-8,4	6,2
Cyprus	6,0	4,9	2,3	3,4	5,6	5,5	-4,4	6,6
Latvia	5,7	10,7	-4,5	3,9	4,0	2,6	-2,3	4,3
Lithuania	3,7	7,7	1,7	2,0	4,0	4,6	0,0	6,0
Luxemburg	6,9	2,5	3,8	2,3	1,2	2,3	-0,8	5,1
Malta	...	3,4	5,5	9,6	6,2	7,0	-8,6	11,8
Netherlands	4,2	2,1	1,3	2,0	2,4	2,0	-3,9	4,9

INTERNATIONAL COMPARISONS

Table 24.9 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Germany	2,9	0,7	4,2	1,5	1,0	1,1	-3,7	2,6
Norway	3,3	2,7	0,8	1,9	0,8	1,1	-1,3	3,9
North Macedonia	...	4,7	3,4	3,9	2,9	3,9	-4,7	3,9
Poland	4,6	3,5	2,9	4,4	5,9	4,4	-2,0	6,9
Portugal	3,8	0,8	1,7	1,8	2,8	2,7	-8,3	5,5
Moldova, Republic of	...	...	...	-0,7	4,1	3,6	-8,3	13,9
russian federation	10,0	6,4	4,5	...	...	...	...	...
Romania	2,5	4,7	-3,9	3,2	6,0	3,9	-3,7	5,8
Serbia	6,1	5,5	0,7	1,8	4,5	4,3	-0,9	7,6
Slovakia	1,2	6,6	6,7	5,2	4,0	2,5	-3,3	4,9
Slovenia	3,7	3,8	1,3	2,2	4,5	3,5	-4,3	8,2
USA	4,1	3,5	2,7	2,7	2,9	2,3	-2,8	5,9
Tajikistan	8,3	6,7	6,5	6,0	7,6	7,4	4,4	9,4
Turkey	6,9	9,0	8,4	6,1	3,0	0,8	1,9	11,4
Turkmenistan	5,5	13,0	9,2	6,5	6,2	3,0	...	...
Hungary	4,5	4,3	1,1	3,7	5,4	4,9	-4,5	7,2
Uzbekistan	3,8	7,0	33,3	7,2	5,4	5,7	1,9	7,4
Finland	5,8	2,8	3,2	0,5	1,1	1,2	-2,4	3,0
France	3,9	1,7	1,9	1,1	1,9	1,8	-7,8	6,8
Croatia	3,0	4,3	-1,2	2,5	2,8	3,4	-8,5	13,1
Czechia	4,0	6,6	2,4	5,4	3,2	3,0	-5,5	3,6
Montenegro	...	...	...	...	...	...	...	...
Switzerland	4,0	2,8	3,2	1,6	2,9	1,1	-2,4	4,2
Sweden	4,8	2,9	6,0	4,5	2,0	2,0	-2,2	5,4

¹ See the footnote to Table 24.8

² The SSSU calculations: for 2000, in line with the SNA-93; since 2005, according to the Methodological provisions on the updated version of the System of National Accounts 2008 approved by SSSU decree № 398 of December 17, 2013

INTERNATIONAL COMPARISONS

24.10. GDP per capita¹*(thsd. USD; at the 2010 PPPs)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	...	16,2	17,5	16,7	18,3	19,0	18,5	19,3
Austria	36,0	38,2	40,1	41,0	42,7	43,2	40,2	41,9
Azerbaijan	5,9	10,6	21,1	22,4	21,4	21,8	20,8	21,9
Albania	5,1	7,0	9,3	10,3	11,6	11,9	11,5	12,6
Belgium	33,5	36,1	37,4	38,5	39,8	40,5	38,1	40,4
belarus	12,1	17,8	25,7	27,3	28,3	28,7	28,6	29,4
Bulgaria	9,8	13,7	16,7	18,7	20,8	21,7	21,0	22,8
Bosnia and Herzegovina	...	7,9	9,1	10,7	12,0	12,3	12,0	12,9
United Kingdom of Great Britain and Northern Ireland	32,9	36,6	36,2	38,5	39,6	39,9	...	...
Armenia	3,6	6,6	8,2	10,4	11,9	12,8	11,9	12,6
Greece	24,6	29,2	28,4	23,8	24,6	25,1	22,9	24,9
Georgia	...	...	10,0	13,0	14,7	15,4	14,4	15,9
Denmark	36,7	38,6	38,1	39,7	42,1	42,6	41,6	43,5
Estonia	15,0	22,0	22,0	26,3	29,6	30,6	30,4	32,8
Israel	27,9	28,1	31,5	34,5	36,9	37,7	36,3	38,8
Ireland	32,9	39,0	36,3	48,5	56,6	58,9	61,8	69,7
Iceland	48,3	56,1	55,2	60,6	66,0	65,7	60,0	61,6
Spain	27,9	30,4	29,9	30,0	32,4	32,7	28,9	30,5
Italy	32,1	32,9	31,5	30,2	31,6	31,8	29,1	31,3
Kazakhstan	18,3	29,1	37,2	43,6	47,2	48,9	47,2	48,8
Canada	37,5	40,4	40,4	42,8	44,4	44,6	42,0	43,8
Kyrgyzstan	3,6	4,2	4,9	5,8	6,3	6,5	5,9	6,1
Cyprus	27,8	31,9	32,5	29,2	33,9	35,3	33,4	35,2
Latvia	12,1	18,9	19,7	24,7	27,9	28,8	28,4	29,8
Lithuania	12,0	18,3	20,8	26,7	30,8	32,3	32,3	34,1
Luxemburg	76,6	83,9	88,3	87,5	88,1	88,3	86,3	89,3

INTERNATIONAL COMPARISONS

Table 24.10 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	24,0	25,3	28,7	34,8	38,9	40,0	35,7	39,7
Netherlands	39,1	40,8	42,9	43,7	46,2	46,8	44,7	46,7
Germany	33,1	34,1	36,6	39,1	40,8	41,2	39,6	40,7
Norway	55,1	59,8	59,2	60,8	62,1	62,3	61,2	63,2
North Macedonia	8,3	9,2	11,0	12,4	13,2	13,7	13,1	...
Poland	13,8	16,1	19,9	23,3	26,7	27,9	27,4	29,5
Portugal	24,4	25,0	25,6	25,0	27,4	28,1	25,7	27,2
Moldova, Republic of	...	...	9,1	11,0	12,5	12,9	...	...
russian federation	16,7	23,0	27,4	...	...	...	...	...
Romania	11,4	15,7	19,0	22,3	26,8	28,0	27,1	28,9
Serbia	10,1	14,0	16,5	17,7	19,8	20,8	20,8	22,5
Slovakia	13,8	17,6	22,4	25,4	27,6	28,3	27,3	28,7
Slovenia	22,9	27,2	29,1	29,5	33,2	34,0	32,4	34,9
USA	44,7	48,4	48,6	52,3	54,8	55,6	53,7	56,5
Tajikistan	3,0	4,3	5,2	6,2	6,9	7,3	7,5	8,0
Turkey	14,7	17,5	19,1	25,2	27,7	27,5	27,7	...
Turkmenistan	10,6	12,8	19,8	29,6	33,8	34,3	...	...
Hungary	16,6	20,9	21,0	23,6	26,7	28,0	26,8	28,8
Uzbekistan	8,1	10,0	16,0	20,3	22,6	23,6	23,7	25,1
Finland	31,1	35,0	35,8	35,2	37,5	37,9	37,0	38,0
France	31,6	33,1	33,5	34,4	35,8	36,3	33,3	35,5
Croatia	1,9	2,4	2,5	2,6	2,9	3,0	2,8	3,2
Czechia	19,5	23,7	26,1	28,3	31,2	32,1	30,2	31,3
Montenegro	...	...	...	...	...	...	...	...
Switzerland	42,5	44,1	47,2	48,8	50,5	50,7	49,1	50,8
Sweden	34,2	38,2	40,2	42,8	44,0	44,5	43,2	45,2

¹ See the footnote to Table 24.8

INTERNATIONAL COMPARISONS

24.11. Growth rate (decrease) of industrial production*(percentage of the previous year)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine¹	13,2	3,1	12,0	-12,3	3,0	-0,5	-4,5	1,9
Austria	8,7	3,9	7,0	2,4	5,0	0,2	-5,4	11,2
Azerbaijan	6,9	33,5	2,6	2,4	1,5	1,8	-5,0	5,2
Albania	12,0	-0,2	37,5	-9,2	2,1	5,5	-10,0	22,4
Belgium	...	3,3	9,4	-0,7	1,3	4,9	-3,5	16,8
belarus	7,5	10,0	11,7	-6,6	5,7	1,0	-0,7	6,5
Bulgaria	...	6,9	2,0	2,9	0,3	0,6	-5,9	9,8
Bosnia and Herzegovina	...	...	4,4	3,1	1,6	-5,3	-6,4	9,7
United Kingdom of Great Britain and Northern Ireland	...	...	...	...	...	...	...	...
Armenia	6,4	7,5	9,7	5,2	4,3	9,0	-0,9	3,3
Greece	...	-1,5	-6,1	1,0	1,8	-0,8	-2,0	10,4
Georgia	10,8	30,6	14,6	7,7	-10,2	4,0	-5,6	21,0
Denmark	...	2,9	2,1	0,1	2,0	2,7	-5,5	8,3
Estonia	14,6	10,9	23,4	0,3	4,7	6,9	-3,0	13,3
Israel	10,0	4,9	9,5	2,2	3,5	2,9	6,3	5,7
Ireland	14,6	4,0	8,2	35,9	-4,9	7,0	14,5	28,4
Spain	4,0	0,2	0,8	3,3	1,0	0,4	-9,4	7,3
Italy	3,2	-1,8	6,9	1,7	1,6	-1,0	-10,9	12,1
Kazakhstan	15,5	5,0	10,0	-1,6	-7,8	4,1	-0,5	3,6
Canada	...	...	...	...	...	...	...	...
Kyrgyzstan	6,0	-12,1	9,8	-0,2	2,5	6,9	-6,6	9,0
Cyprus	...	0,5	-1,8	5,2	7,2	4,0	-7,0	6,5
Latvia	...	7,2	14,9	3,6	1,5	1,0	-1,4	6,7
Lithuania	-0,2	7,1	6,2	4,4	5,6	3,0	-1,2	19,5
Luxemburg	...	2,2	9,0	1,4	-1,0	-3,1	-10,3	8,2

INTERNATIONAL COMPARISONS

Table 24.11 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	...	-5,6	8,7	-0,4	1,9	1,4	-0,7	-0,3
Netherlands	...	0,4	7,7	-3,6	0,6	-0,8	-3,5	4,9
Germany	5,1	3,0	11,2	1,4	1,1	-3,4	-8,7	4,7
Norway	3,1	0,1	-5,6	1,4	-1,8	-4,3	7,4	2,1
North Macedonia	...	7,0	-4,8	4,9	5,4	3,7	-9,5	1,5
Poland	...	4,4	11,2	4,8	5,9	4,1	-1,2	14,5
Portugal	...	5,1	1,5	2,4	0,4	-2,2	-7,2	3,6
Moldova, Republic of	7,7	7,0	9,3	1,1	8,4	2,0	-5,5	12,1
russian federation	8,8	5,1	7,3	...	...	...	...	...
Romania	...	-3,1	5,5	2,8	3,5	-2,3	-9,2	7,0
Serbia	...	0,7	1,2	7,3	1,3	0,3	0,4	6,4
Slovakia	...	-0,9	12,0	8,5	4,6	0,7	-8,1	10,4
Slovenia	6,2	3,4	7,2	5,6	5,1	3,2	-5,3	10,3
USA	...	...	...	...	...	...	...	...
Tajikistan	9,9	9,7	9,2	11,3	11,1	13,2	8,8	20,8
Turkey	6,0	14,0	13,2	6,2	1,1	-0,6	2,2	16,5
Hungary	...	6,8	10,6	7,4	3,5	5,6	-6,0	9,6
Uzbekistan	6,0	7,0	8,5	7,9	15,6	5,0	0,9	8,7
Finland	8,5	-0,9	5,6	-0,9	3,4	1,6	-3,0	4,1
France	4,3	0,1	4,8	1,6	0,9	0,4	-10,5	6,1
Croatia	1,4	4,5	-1,4	2,7	-1,0	0,6	-2,7	6,3
Czechia	...	4,0	8,6	4,3	3,1	-0,3	-7,2	7,0
Montenegro	...	...	...	...	...	...	...	...
Switzerland	...	...	...	...	...	...	...	...
Sweden	...	2,4	9,4	3,3	2,2	2,4	-4,4	7,3

¹ See methodology notes to Chapter 15

INTERNATIONAL COMPARISONS

24.12. Changes in consumer price*(percentage of the previous year)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	28,2	13,5	9,4	48,7	10,9	7,9	2,7	9,4
Austria	2,4	2,3	1,8	0,9	2,0	1,5	1,4	2,8
Azerbaijan	...	9,6	5,7	4,0	2,3	2,6	2,8	6,6
Albania	0,0	2,4	3,6	1,9	2,0	1,4	1,6	2,0
Belgium	2,6	2,8	2,2	0,6	2,0	1,4	0,7	2,4
belarus	...	10,3	7,7	13,5	4,9	5,6	5,6	9,5
Bulgaria	10,3	5,0	2,4	-0,1	2,8	3,1	1,7	3,3
Bosnia and Herzegovina	1,7	3,8	2,0	-1,0	1,4	0,6	-1,0	2,0
United Kingdom of Great Britain and Northern Ireland	1,0	2,1	2,5	0,4	2,3	1,7	1,0	3,3
Armenia	-0,8	0,6	8,2	3,7	2,5	1,4	1,2	7,2
Greece	3,2	3,5	4,7	-1,7	0,6	0,2	-1,2	1,2
Georgia	4,0	8,3	7,1	4,0	2,6	4,8	5,2	9,6
Denmark	2,9	1,8	2,3	0,4	0,8	0,8	0,4	1,8
Estonia	4,0	4,1	3,0	-0,5	3,4	2,3	-0,4	4,6
Israel	1,1	1,3	2,7	-0,6	0,8	0,8	-0,6	1,5
Ireland	5,5	2,4	-0,9	-0,3	0,5	0,9	-0,3	2,4
Iceland	5,1	4,0	5,4	1,6	2,7	3,0	2,8	4,4
Spain	3,4	3,4	1,8	-0,5	1,7	0,7	-0,3	3,1
Italy	2,5	2,0	1,5	0,0	1,1	0,6	-0,1	1,9
Kazakhstan	12,5	7,7	7,4	6,7	6,0	5,2	6,8	8,0
Canada	2,7	2,2	1,8	1,1	2,3	2,0	0,7	3,4
Kyrgyzstan	19,7	4,3	8,0	6,5	1,5	1,1	6,3	11,9
Cyprus	4,3	2,6	2,4	-2,1	1,4	0,2	-0,6	2,4
Latvia	2,6	6,8	-1,1	0,2	2,5	2,8	0,2	3,3
Lithuania	1,0	2,7	1,3	-0,9	2,7	2,3	1,2	4,7
Luxemburg	3,2	2,5	2,3	0,5	1,5	1,7	0,8	2,5

INTERNATIONAL COMPARISONS

Table 24.12 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	2,4	3,0	1,5	1,1	1,2	1,6	0,6	1,5
Netherlands	2,4	1,7	1,3	0,6	1,7	2,6	1,3	2,7
Germany	1,5	1,6	1,1	0,5	1,7	1,4	0,1	3,1
Norway	3,1	1,5	2,4	2,2	2,8	2,2	1,3	3,5
North Macedonia	8,0	0,5	1,5	-0,3	1,5	0,8	1,2	3,2
Poland	10,5	2,2	2,6	-0,9	1,8	2,2	3,4	5,0
Portugal	2,9	2,3	1,4	0,5	1,0	0,3	0,0	1,3
Moldova, Republic of	30,3	12,0	7,5	9,7	3,0	4,8	3,8	5,1
russian federation	20,8	12,7	6,8	...	...	...	...	...
Romania	45,7	9,0	6,1	-0,6	4,6	3,8	2,6	5,0
Serbia	71,1	16,1	6,1	1,4	2,0	1,8	1,6	4,1
Slovakia	12,2	2,7	1,0	-0,3	2,5	2,7	1,9	3,2
Slovenia	9,0	2,4	1,8	-0,5	1,7	1,6	0,0	1,9
USA	3,4	3,4	1,6	0,1	2,4	1,8	1,2	4,7
Tajikistan	32,8	7,1	6,4	5,7	6,6	7,8	8,6	8,9
Turkey	65,5	8,2	8,6	7,7	16,3	15,2	12,3	19,6
Hungary	9,8	3,6	4,8	-0,1	2,8	3,3	3,3	5,1
Finland	3,6	0,6	1,2	-0,2	1,1	1,0	0,3	2,2
France	1,7	1,8	1,5	0,0	1,8	1,1	0,5	1,6
Croatia	4,6	3,3	1,0	-0,5	1,5	0,8	0,2	2,6
Czechia	3,9	1,9	1,5	0,3	2,2	2,8	3,2	3,8
Montenegro	...	2,6	0,7	1,6	2,6	0,4	-0,3	2,4
Switzerland	1,6	1,2	0,7	-1,2	0,9	0,4	-0,7	0,6
Sweden	1,0	0,4	1,2	0,0	2,0	1,8	0,5	2,2

INTERNATIONAL COMPARISONS

24.13. Changes in industrial producer price*(percentage of the previous year)*

	2000	2005	2010	2015	2018	2019	2020	2021
Ukraine	20,8	16,7	20,9	36,0	17,4	4,1	-1,6	40,8
Austria	...	3,4	4,0	-2,1	3,0	0,1	-2,1	9,3
Azerbaijan	27,5	16,5	26,9	-30,7	26,0	3,2	-24,8	69,6
Belgium	...	5,7	5,4	-4,2	7,1	1,3	-3,8	21,1
belarus	185,6	12,1	13,6	16,9	5,9	5,7	5,3	12,0
Bulgaria	...	7,3	7,2	-1,7	4,1	3,8	-0,2	14,9
Bosnia and Herzegovina	0,9	-0,4	1,0	0,6	3,6	0,1	-1,2	5,6
United Kingdom of Great Britain and Northern Ireland	2,4	10,6	5,4	-7,6	4,2	-2,4	-0,3	5,0
Armenia	-22,2	7,6	22,6	-0,8	0,1	0,6	3,4	9,9
Greece	...	5,8	6,1	-5,8	3,3	0,6	-4,6	11,9
Georgia	6,4	7,4	11,3	7,5	6,1	7,2	11,8	16,7
Denmark	...	9,1	6,4	-6,5	6,4	-0,6	-4,8	25,2
Estonia	...	1,7	1,7	-2,8	7,1	1,5	-3,5	19,3
Israel	3,6	6,2	4,0	-5,9	3,3	-1,1	-5,0	6,8
Ireland	...	...	1,5	-4,3	7,7	-4,9	-7,6	55,9
Spain	5,4	4,7	3,7	-2,0	3,0	-0,4	-4,3	17,3
Italy	...	4,0	3,1	-3,4	3,9	0,0	-4,4	13,0
Kazakhstan	36,2	23,7	25,2	-20,5	19,0	5,1	-8,0	32,5
Canada	4,3	1,6	1,5	-0,8	3,9	-0,1	-0,4	13,9
Kyrgyzstan	32,0	3,1	22,8	8,7	1,5	4,1	21,4	12,0
Cyprus	...	4,9	4,0	-5,7	3,0	2,9	-3,0	7,8
Latvia	...	7,1	-0,2	-1,4	5,5	3,6	-3,2	12,6
Lithuania	10,3	6,0	3,9	-9,1	4,2	0,7	-6,6	12,8
Luxemburg	...	3,6	1,5	-0,5	0,5	2,4	-0,8	12,5

INTERNATIONAL COMPARISONS

Table 24.13 continued

	2000	2005	2010	2015	2018	2019	2020	2021
Malta	...	5,0	11,5	-3,2	0,8	1,1	1,5	2,1
Netherlands	...	6,8	4,2	-4,4	3,0	1,7	-2,7	16,5
Germany	2,9	4,4	1,3	-1,7	2,6	1,3	-0,8	9,7
Norway	...	6,1	8,5	-4,6	8,7	3,1	-2,1	12,6
North Macedonia	...	3,2	8,6	-3,9	-0,3	0,8	0,8	8,5
Poland	...	2,0	3,7	-2,3	2,8	1,6	-0,9	9,8
Portugal	...	10,1	4,3	-6,4	2,4	-0,3	-3,4	11,0
Moldova, Republic of	33,5	5,9	7,4	6,3	0,3	1,8	2,6	8,3
russian federation	46,5	20,7	12,6	...	...	...	...	...
Romania	...	18,4	4,0	-1,8	5,2	5,1	0,2	17,4
Serbia	...	14,2	12,1	0,4	2,4	0,7	-1,7	8,9
Slovakia	...	3,7	-2,4	-4,2	5,0	2,6	0,8	5,5
Slovenia	...	2,8	2,0	-0,5	1,9	1,8	0,7	6,0
USA	8,3	7,3	4,3	-0,8	2,7	1,5	0,6	9,0
Tajikistan	39,0	10,4	34,6	4,8	6,3	2,8	6,0	4,5
Turkey	...	7,1	6,2	5,3	27,0	17,6	12,2	43,9
Hungary	...	6,0	7,3	-3,0	6,2	3,9	0,8	16,9
Finland	5,1	4,2	6,6	-2,2	3,9	0,9	-4,2	12,7
France	4,7	2,8	2,6	-2,2	2,7	0,4	-2,2	9,3
Croatia	...	2,7	4,3	-3,8	2,4	0,8	-2,0	9,6
Czechia	4,8	3,0	1,2	-3,2	2,0	2,6	0,1	7,1
Montenegro	...	2,0	-0,5	0,8	1,7	2,4	0,0	1,3
Switzerland	...	1,6	0,6	-3,4	1,3	0,6	-0,8	2,0
Sweden	3,6	3,8	3,0	-1,0	5,5	2,7	-2,2	11,0

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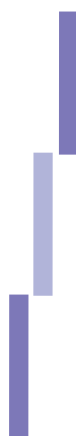
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