

STATISTICAL YEARBOOK OF UKRAINE

2023

2023

STATISTICAL YEARBOOK OF UKRAINE



KYIV - 2024

STATE STATISTICS SERVICE OF UKRAINE

Edited by **Ihor Verner**

Responsible for edition is Olena Vyshnevskya

The Statistical Yearbook provides data on social and economic situation of Ukraine in 2023 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

© State Statistics Service of Ukraine, 2024

© Igor Verner (edited by), 2024

FOREWORD

Statistical Yearbook of Ukraine for 2023 contains a wide range of statistical indicators on the country's social and economic situation in 2023 as compared to 2000, 2005, 2010, 2015-2022.

The publication is compiled by the following sections: population, 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, forestry, fishery, construction, capital investment, transport, foreign economic activity, domestic trade, information society, activity of enterprises, science.

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 2022–2023 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 2022–2023 which is prepared according to data from central executive bodies has been compiled on the basis of available administrative data.

Information for 2021–2023 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 2021–2023 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 released in order to comply with the requirements of Ukraine's law on official statistics regarding the provision of guarantees of the state statistics bodies on statistical confidentiality
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

CONTENTS

FOREWORD	3
ABBREVIATIONS USED IN THE YEARBOOK	3
CONVENTIONAL SYMBOLS USED IN THE YEARBOOK	3
1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS	12
1.1. Geographical and political characteristics	12
1.2. Religious organisations	13
1.3. Basic social and economic indicators	14
1.4. Indices of basic social and economic indicators	16
2. POPULATION	17
2.1. Population	18
2.2. Present population in 1939–2022	18
2.3. Resident population, by sex and age	19
2.4. Pensioners of all categories	20
2.5. Pensioners of all categories, by region	20
3. LABOUR MARKET	21
3.1. Average monthly wages of regular employees	22
3.2. Average monthly nominal and real wages of regular employees	22
3.3. Average monthly nominal wages of regular employees, by type of economic activity	23
4. INCOME AND EXPENDITURE OF POPULATION	24
4.1. Population income and expenditure	24
4.2. Average monthly pension	25
5. EDUCATION	26
5.1. Pre-school educational institutions	27
5.2. Pre-school educational institutions, by region	28
5.3. Children in pre-school educational institutions, by language of instruction and region	29
5.4. General secondary and tertiary educational institutions for 1914–2023	30
5.5. Enrollment in educational institutions	31
5.6. General secondary educational institutions	31
5.7. General secondary educational institutions, by region	32

5.8. General secondary educational institutions at the beginning of 2023/24, by region	33
5.9. General secondary educational institution at the beginning of 2023/24 academic year	34
5.10. Pupils of day general secondary educational institutions, by language of instruction and region	35
5.11. Pupils graduating from general secondary educational institutions	36
5.12. Professional (vocational and technical) educational institutions	36
5.13. Number of persons issued from professional (vocational and technical) educational institutions, by region	37
5.14. Institution of professional pre-tertiary and tertiary education	37
5.15. Admission and graduation of specialists by institutions of pre-tertiary education by sources of financing of education in 2023	38
5.16. Enrollment and graduation of experts by tertiary educational institutions by source of financing in 2023	38
5.17. Institutions of professional pre-tertiary education by region	39
5.18. Institutions of tertiary education by region	40
5.19. Training of postgraduate students	41
6. HEALTH CARE AND SOCIAL PROTECTION	42
6.1. Health care institutions, facilities and personnel	44
6.2. Health care indicators	44
6.3. Physicians of all specialisations, by region	45
6.4. Paramedical personnel, by region	46
6.5. Hospital beds, by region	47
6.6. Planned capacity of out-patient and polyclinic institutions, by region	48
6.7. Incidence of selected infections diseases	49
6.8. HIV infections and number of persons registered as HIV positive	49
6.9. HIV infected and HIV positive, by region	50
6.10. Incidence of malignant tumours	51
6.11. Incidence of malignant tumours in 2023, by location	51
6.12. Incidence of active tuberculosis	51
6.13. Incidence of active tuberculosis, by region	52
6.14. Incidence of venereal disease	53
6.15. Abortions	53
6.16. Industrial injuries	53
6.17. Number of persons with disabilities, by region	54
6.18. Number of newly recognized persons with disabilities by class of diseases in 2023	55
6.19. Number of newly recognized persons with disabilities by region	56
6.20. Care homes for the aged persons and persons with disabilities (adults, children and the youth)	56
6.21. Care homes for the aged persons and persons with disabilities (adults, children and the youth), by region	57
6.22. Cash benefits to low-income persons incapable of working	58
6.23. Selected boarding schools and institutions for social protection of children	58
6.24. Adopted orphans and children deprived of parents' guardianship	59
6.25. Children who were in centres of social and psychological rehabilitation and shelter-care facilities for children	60

7. CULTURE AND SPORT	61
7.1. Cultural institutions in 1913–2017	61
7.2. Libraries, cinemas and club-houses	62
7.3. Number of art schools	62
7.4. Publication of books, magazines and newspapers	63
7.5. Sports school for children in 2023, by region	64
7.6. Activity of physical training and sports institutions	65
7.7. Sports facilities	66
7.8. Physical training and health activities in 2023	67
8. JUSTICE AND CRIME	68
8.1. Number recorded criminal offences, by individual species	69
8.2. Number of the registered criminal offences, by region	69
8.3. Criminal offences in the sphere of distribution of narcotic drugs, psychotropic substances, their analogues or by precursors	70
8.4. Court convictions, by selected crime	70
8.5. Court convictions, by region	71
8.6. Institutions executing sentences and number of prisoners	72
8.7. Number and composition of children who are registered with units for preventive activity on juvenile prevention	72
8.8. Consideration of cases (applications) by courts of first instance in the procedure of civil justice	73
8.9. State notary services	73
8.10. Fires	74
8.11. Fires, by cause	74
9. NATURAL RESOURCES AND ENVIRONMENT PROTECTION	75
Land	77
9.1. Lands of Ukraine	77
9.2. Preserves and national nature parks	77
Water resources	78
9.3. General indicators of water use	78
Atmosphere	79
9.4. Air emissions and greenhouses gases emissions	79
Waste	80
9.5. Main indicators of the I-IV grades of hazard waste generation and management	80
9.6. Main indicators of the I-III grades of hazard waste generation and management	80
9.7. Generation of wastes, by hazard classes	80
9.8. Wastes generation by type of economic activity of enterprises and in households	81
9.9. Generation of wastes, by category of materials	82

Use of environment, economic indicators	83
9.10. Capital investment and current expenditure on environmental protection	83
9.11. Capital investment on environmental protection, by purpose.....	83
9.12. Current expenditure for environmental protection, by purpose	84
10. NATIONAL ACCOUNTS	85
10.1. Gross domestic product (GDP)	87
10.2. GDP production and distribution, by type of economic activity	87
10.3. GVA structure, by type of economic activity in volume of GDP	91
10.4. GDP structure, by income category	91
10.5. GDP, by category of final use	92
11. GOVERNMENT FINANCE AND CREDIT	93
11.1. Consolidated budget of Ukraine	94
11.2. Ukraine's Central budget deficit and sources used for its funding	95
11.3. Budgets of Ukraine (excluding inter-budget transfers)	95
11.4. Monetary aggregates	99
11.5. Resident deposit-taking corporations (banks) loans	99
11.6. Official exchange rate of hryvnia to foreign currencies set by the National Bank of Ukraine, average per year	99
11.7. Deposits by households, held with deposit-taking corporations (banks)	99
12. PRICES	100
12.1. Price indices	101
12.2. Consumer and producer price indices	101
12.3. Consumer prices indices for the main groups of goods and services	102
12.4. Consumer price indices, by region	103
12.5. Consumer price indices in 2023, by region	104
12.6. Industrial producer price indices, by type of activity	106
12.7. Producer price indices, by selected consumer goods	107
12.8. Price indices for agricultural products sold by agricultural enterprises	108
12.9. Construction price indices	108
13. THE REGISTER OF STATISTICAL UNITS	109
13.1. Number of registered legal persons, by region	110
13.2. Number of registered legal persons, by the organisational and legal forms	111
13.3. Number of registered legal persons, by type of economic activity	114
14. CAPITAL ASSETS	115
14.1. Capital assets, by types of economic activity	116

14.2. Cost of new fixed assets received during the year, by types of economic activity	117
14.3. Degree of depreciation of capital assets, by types of economic activity	118
15. INDUSTRY	119
15.1. Industrial production indices, by type of activity	119
15.2. Industrial production indices of foodstuffs, beverages and tobacco products enterprises, by type of activity	121
15.3. Industrial production indices of coke and refined petroleum products enterprises, by type of activity	122
15.4. Industrial production indices for chemicals and chemical products, by type of activity	122
15.5. Industrial production indices of rubber and plastic products, manufacture of other non-metallic mineral products, by type of activity	122
15.6. Industrial production indices of engineering, by type of activity	123
15.7. Industrial products sold (goods, services), by type of economic activity	124
16. AGRICULTURE, FORESTRY, FISHERY	125
Agriculture	127
16.1. Index of agricultural products, by category of enterprises	127
16.2. Index of agricultural products	127
16.3. Index of agricultural products, by region	128
16.4. Structure of agricultural production, by type	129
16.5. Structure of agricultural production, by category of producers	129
16.6. Structure of agricultural production, by type in 2023, by region	130
16.7. Structure of agricultural production, by category of producers in 2023, by region	131
16.8. Distribution of enterprises engaged in agricultural activity in 2023, by size of agricultural lands	132
16.9. Average prices for selling agricultural products by agricultural enterprises	132
Crop growing	133
16.10. Sown area for agricultural crops in 1940–2023	133
16.11. Sown area for agricultural crops	134
16.12. Sown area for agricultural crops in 2023, by region	135
16.13. Harvested area	136
16.14. Area planted with fruit and berry crops, and grapes	136
16.15. Output of agricultural crops in 1913–2023.....	137
16.16. Output of agricultural crops	138
16.17. Output of agricultural crops, by category of enterprises	139
16.18. Share of the agricultural crop production by household holdings	140
16.19. Output of grain and leguminous crops, by region	140
16.20. Output of factory sugar beets, by region	141
16.21. Output of sunflower, by region	142
16.22. Output of potatoes, by region	143
16.23. Output of vegetable crops, by region	144
16.24. Output of fruit and berry crops, by region	145
16.25. Output of grapes, by region	146
16.26. Yields of agricultural crops in 1940–2023.....	147
16.27. Yields of agricultural crops	148
16.28. Yields of grain and leguminous crops in 2023, by region	149

16.29. Yields of agricultural crops in 2023, by region	150
16.30. Use of fertilisers in enterprises.....	151
16.31. Utilization of pesticides at enterprises	151
Cattle raising	152
16.32. Number of livestock animals in 1915–2023	152
16.33. Number of livestock animals, by category of enterprises	153
16.34. Number of livestock animals in 2023, by region	154
16.35. Output of animal products in 1940–2023.....	155
16.36. Output of animal products, by category of enterprises	156
16.37. Share of animal products production by household holdings	156
16.38. Output of meat, by region	157
16.39. Output of milk, by region	158
16.40. Output of eggs, by region	159
16.41. Productivity of livestock animals	160
16.42. Average weight of one livestock animal sold to processing enterprises	160
16.43. Average milk yield per one cow, by region	161
16.44. Animal products supplied for processing enterprises	162
Forestry	163
16.45. Forest and forested area	163
16.46. Harvesting forest products by type	163
16.47. Forest products sold in 2023	163
16.48. Harvesting wood.....	164
16.49. Harvesting wood by species composition of forest range	164
16.50. Roundwood, by region	165
16.51. Number of cut non-woof forest products.....	166
16.52. Forestation area	166
16.53. Afforestation by plant species composition	166
16.54. Forestation by forest planting and sowing, by region	167
16.55. Forest cultivation work and forest protection measures	168
16.56. Area of forest ranges dying.....	168
16.57. Forest fires.....	168
Fishery	169
16.58. Harvesting of water bio-resources, by type	169
16.59. Harvesting of water bio-resources, by region	170
17. CONSTRUCTION	171
17.1. Indices for production in construction	171
17.2. Structure of volumes of the produced construction products by type	171
17.3. Total area of residential buildings , putting into service, by region.....	172
17.4. Total area of residential buildings, putting into service in 2023, by region.....	173
17.5. Total area of residential buildings, putting into service, by types	174
17.6. Total area of residential buildings, putting into service, in urban areas, by region.....	175
17.7. Total area of residential buildings, putting into service, in rural areas, by region	176
17.8. Total area of residential buildings, putting into service and number of dwellings in residential buildings	177

18. CAPITAL INVESTMENT	178
18.1. Capital investments by types of assets	179
18.2. Structure of capital investments by sources of financing	180
18.3. Structure of capital investment in 2023 by sources of financing	180
18.4. Capital investment by types of economic activity	181
18.5. Capital investment by types of economic activity in industry	183
19. TRANSPORT	184
19.1. Freight shipped in 1940–2023, by mode of transport	185
19.2. Freight traffic in 1940–2023, by mode of transport	186
19.3. Passenger transportation by mode of transport in 1940-2023	187
19.4. Passenger traffic in 1940–2023, by mode of transport (excluding urban electric transport)	188
19.5. Freight and passengers transported, freight and passenger traffic	189
19.6. Freight and passengers transported, freight and passenger traffic	189
19.7. Rolling stock of electric transport	189
20. FOREIGN ECONOMIC ACTIVITY	190
20.1. Foreign trade in goods, by country	190
20.2. Exports/imports of goods in 2023, by region	193
20.3. Commodity structure of foreign trade in 2023	194
20.4. Exports/imports of goods for processing, by country	195
21. INFORMATION SOCIETY	197
21.1. Use of information and communication technologies at enterprises, by type of economic activity	198
21.2. Use of information and communication technologies at enterprises, by average number of employees	198
21.3. Electronic commerce at enterprises by type of economic activity	199
21.4. Electronic commerce at retail enterprises by the average number of workers	199
22. ACTIVITY OF ENTERPRISES	200
22.1. Indicators of business entities' activity	202
22.2. Number of active business entities by type of economic activity and distribution into enterprises and individual entrepreneurs	203
22.3. Number of persons employed of business entities by type of economic activity and distribution into enterprises and individual entrepreneurs	205
22.4. Number of employees of business entities by type of economic activity and distribution into enterprises and individual entrepreneurs	207
22.5. Turnover of business entities by type of economic activity and distribution into enterprises and individual entrepreneurs	209
22.6. Distribution of active large, medium, small and microenterprises by type of economic activity	211
22.7. Distribution of number of persons employed at large, medium, small and microenterprises by type of economic activity	214

22.8. Distribution of number of employees at large, medium, small and microenterprises by type of economic activity.....	217
22.9. Distribution of turnover of large, medium, small and microenterprises by type of economic activity.....	220
Finance of the enterprises	223
22.10. Enterprises' balance structure, by type of economic activity	223
22.11 Financial results before taxation of enterprises, by type of economic activity.....	227
22.12 Profitability of operational activity of enterprises, by type of economic activity.....	229
 23. SCIENCE	230
23.1. R&D personnel by occupation	232
23.2. R&D personnel by education level	232
23.3. R&D personnel by field of science.....	232
23.4. Researchers by age groups	233
23.5. Intramural R&D expenditure by types of expenditure	233
 24. INTERNATIONAL COMPARISONS	234
24.1. Area and population in 2022	234
24.2. Total fertility rate	236
24.3. Females life expectancy at birth	238
24.4. Males life expectancy at birth	240
24.5. Labour force of women aged 15–64 year old	242
24.6. Labour force of men aged 15–64 year old	244
24.7. Unemployment rate	246
24.8. GDP	248
24.9. GDP annual growth rate (decrease)	250
24.10. GDP per capita	252
24.11. Growth rate (decrease) of industrial production	254
24.12. Changes in consumer price	256
24.13. Changes in industrial producer price	258
 INDEX	260

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 (Zakarpattia 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 2023

(source: the Ukrainian Hydrometeorological center; mm)

Steppe	499	Forest	736
Forest-steppe	599	Kyiv city	673

Air temperature

(source: the Ukrainian Hydrometeorological center; °C)

Average monthly air temperature in 2023

	January	July
Steppe	0,5	23,2
Forest-steppe	-0,2	21,0
Forest	1,3	20,1
Kyiv city	-0,3	21,5

The absolute minimum of air temperature in 2023 – minus 25 ° – was observed in January in the Sumy region.

The absolute maximum of air temperature in 2023 – plus 40 ° – was observed in July in the Mykolayiv 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>	
Lakes		Estuaries	
Yalpuh	149	Dniprovs'kyi	800
Kagul	90	Utyuts'kyi	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>	
Ukrainian Carpathians		Crimean Mountains	
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. Number of religious organizations¹

(beginning of year)

	2001	2006	2011	2016	2019	2020	2021	2022	2023	2024
Total, units	24311	30507	33977	35709	36739	36796	37049	28231	36657	35778
Centers, departments (eparchies, dioceses, etc)	241	299	362	378	391	390	394	293	398	386
Communities	23400	29262	32521	34183	35162	35210	35453	26656	35040	34171
Monasteries	277	386	459	516	531	536	536	452	547	552
Missions	214	309	357	359	368	369	372	289	382	381
Brotherhoods	53	76	78	75	83	84	85	78	86	87
<u>Theological schools</u>	126	175	200	198	204	207	209	463	204	201

¹ Beginning 2001–2020, data of the Ministry of Culture and Information Policy of Ukraine, 2021–2024, data of the State Service of Ukraine for Ethnopolitics and Freedom of Conscience

Of the total religious organisations as of January 1, 2024, 19510 were Orthodox, 5295 Catholic, 10038 Protestant, 327 communities of Judaic denomination, 211 Moslem, 165 of Eastern cults and 232 other

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.3. Basic social and economic indicators

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Gross domestic product (at current prices) ¹ , bln. UAH	176,1	457,3	1120,6	1988,5	3560,3	3977,2	4222,0	5450,8	5239,1	6537,8
per capita ¹ , UAH	3582	9709	24429	46413	84228	94633	101138	131734	...	...
Population income, bln. UAH	128,7	381,4	1101,2	1772,0 ¹	3248,7 ¹	3744,1 ¹	4045,2 ¹	4863,5 ¹	5257,1 ¹	...
Consumer price index (Dec. over Dec. of the previous year), percent	125,8	110,3	109,1	143,3	109,8	104,1	105,0	110,0	126,6	105,1
Industrial producer price index (Dec. over Dec. of the previous year), percent	120,8	109,5	118,7	125,4	114,2	92,6	114,5	162,2	138,2	116,2
Price indices for agricultural products sold by enterprises (of the previous year), percent	155,8	108,1	130,0	154,5	109,3	92,4	119,2	136,0	101,2	92,4
Consolidated budget, bln. UAH										
Revenue	49,1	134,2	314,5	652,0	1184,3	1289,8	1376,7	1662,3	2196,6	3104,8
Expenditure	48,2	141,7	377,8	679,9	1250,2	1372,4	1595,4	1845,4	3043,9	4441,3
Lending	-0,1	0,3	1,3	3,1	1,9	4,8	5,7	4,8	-2,2	-5,1
Excess of expenditure over revenue (deficit)	-1,0	7,8	64,7	30,9	67,8	87,3	224,5	187,8	845,0	1331,5
Profit before taxation, bln. UAH	36,1	89,2	212,0	475,3	746,5	933,2	848,6	1352,1	1010,1	1344,4
Loss before taxation, bln. UAH	22,2	24,8	153,7	815,4	317,4	268,3	545,4	232,8	964,0	490,7
Industrial products sold, bln. UAH	...	...	1065,8	1776,6	3045,2	3019,4	3236,4	4678,9	3854,0	4402,9
Capital investment, bln. UAH	...	111,2 ²	189,1	273,1	578,7	624,0	508,2	673,9	409,7	627,3
Total area of residential buildings, putting into service, mln.sq.m	5,6	7,8	9,3 ³	11,0 ³	8,7 ³	11,0 ³	8,5 ³	11,4 ³	7,1 ³	7,4 ³

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.3 continued

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Freight shipped by all type of carriers ⁴ , bln.t	1,5	1,8	1,8	1,5	1,6	1,6	1,6	1,5	0,9	0,9
Passenger departure (transportation) by transport of general use ⁵ , bln.	7,8	8,2	6,8	5,2	4,5	4,3	2,6	2,7	1,6	2,0
Average monthly nominal wages ⁶ , UAH	230	806	2239	4195	8865	10497	11591	14014	14847	17442

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 17.3

⁴ Including automobile passenger transportation by small businesses (natural and legal persons)

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

⁵ Excluding shipments made for one's own needs and including commercial cargo shipments made by legal entities and natural entities-entrepreneurs

⁶ 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

1.4. Indices of basic social and economic indicators

(percent of the previous year)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Gross domestic product	105,9	103,1 ¹	104,1 ¹	90,2 ¹	103,5 ¹	103,2 ¹	96,2 ¹	103,4 ¹	71,2 ¹	105,3 ¹
per capita	106,7	103,8 ¹	104,5 ¹	90,6 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	109,0 ¹	104,5 ¹	109,2 ¹	85,9 ¹	...
Profit before taxation	...	121,0	147,5	142,1	110,7	125,0	90,9	159,3	74,7	133,1
Loss before taxation	...	85,2	81,4	95,0	79,4	84,5	203,3	42,7	414,0	50,9
Industrial production ²	113,2	103,1	112,0	87,7	103,0	99,5	95,5	101,9	63,3	106,8
Agricultural production	109,8	100,1	98,5	95,2	108,2	101,4	89,9	116,4	74,7	111,1
Total area of residential buildings, putting into service	90,4	103,3	145,9	113,4	94,3	126,9	76,6	135,3	62,2	103,8
Freight shipped by all type of carriers	99,5	104,3	108,7	90,8	103,9	96,1	103,9	92,5	59,4	97,4
Passenger departure (transportation) by transport of general use	98,3	102,5	94,1	87,5	96,5	95,0	60,3	103,3	60,3	127,3
Shipment of commercial cargo by all type of transport	...	97,8	108,6	89,5	98,1	108,2	88,8	103,5	51,1	103,4
Average monthly wages										
Nominal	129,6	136,7	120,0	120,5	124,8	118,4	110,4	120,9	105,9	117,5
Real	99,1	120,3	110,2	79,8	112,5	109,8	107,4	110,5	...	...

¹ See the first footnote to Table 1.3

² See methodology notes to Chapter 15

2. POPULATION

Available population is population who at the moment of census stays on the certain territory including persons who temporarily reside (provided their absence at the place of usual residence is not more than 12 months).

Resident population is population who permanently resides at the moment of census on certain territory including those temporarily absent if their absence at the place of usual residence did 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 temporally occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol. The calculations/estimates of the population numbers are based on available administrative data of the territorial authorities of the Ministry of Justice regarding the state registration of births and deaths, and the registration authorities on change in registration of person's place of residence.

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.

Given the situation that has emerged due to the Russian Federation's military aggression against Ukraine, in line with the provisions of 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 and order № 263 of the Cabinet of Ministers of Ukraine of March 12, 2022 on some issues related to ensuring the functioning of information and communication systems, electronic communication systems, public electronic registers under martial law, currently it is not possible for the SSSU territorial authorities to obtain full relevant administrative data which are on information source for producing the population numbers, its composition and other demographic indicators.

In view of the above, starting from data as of January 1, 2023, the compilation of relevant statistical information has been suspended.

POPULATION

2.1. Population¹

	2001	2002 ¹	2006	2011	2016	2018	2019	2020	2021	2022
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

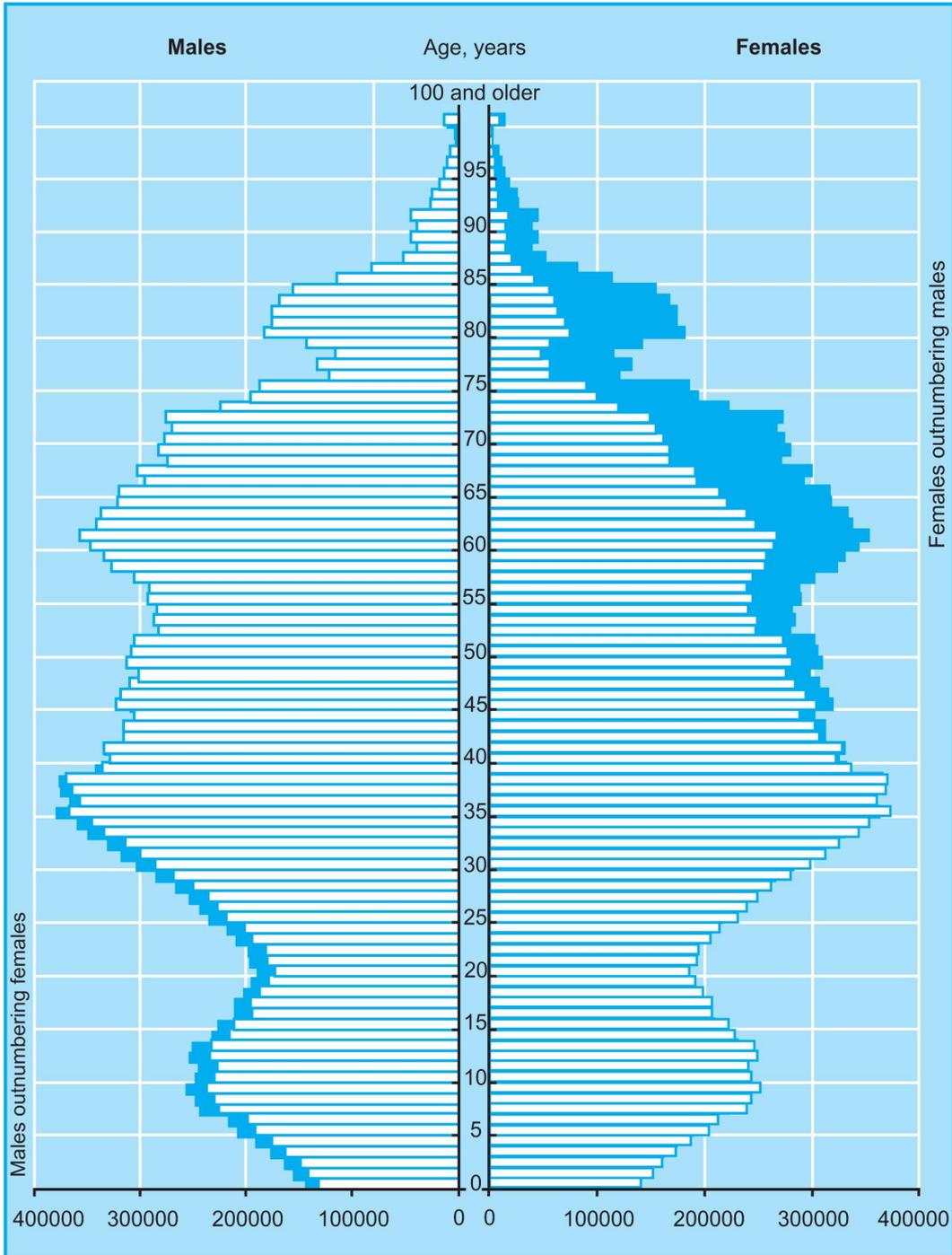
	Population, mln.			Share of the total population, percent	
	total	urban	rural	urban	rural
1939	40,5	13,6	26,9	33,6	66,4
1959	41,9	19,2	22,7	45,8	54,2
1970	47,1	25,7	21,4	54,5	45,5
1979	49,8	30,5	19,3	61,3	38,7
1989	51,7	34,6	17,1	66,9	33,1
1991	51,9	35,1	16,8	67,5	32,5
1996	51,3	34,8	16,5	67,8	32,2
2001	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

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

2.3. Resident population, by sex and age

(as of January 1, 2022; persons)



POPULATION

2.4. Pensioners of all categories¹

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

	2001	2006	2011	2016	2019	2020	2021	2022	2023	2024
Total pensioners, thsd.	14447	14050	13738	12296	11470	11335	11131	10841	10688	10517
including										
retired by age	10299	10596	10587	9408	8693	8535	8330	8052	7916	7706
retired due to disability	2015	1605	1491	1400	1415	1454	1479	1491	1495	1538
survivors who lost their benefactor	1150	852	847	726	646	649	641	638	637	658
entitled to pension for long service	552	627	654	660	629	616	604	588	572	551
entitled to welfare pensions	431	370	158	101	84	78	73	68	64	59
judges in resignation who receive the lifetime monetary maintenance (with complete and incomplete work experience)	...	...	1	1	3	3	4	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, 2024, there were 3984,0 thsd. pensioners who lived in rural areas, which amounted to 37,9% of those registered at the Pension Fund of Ukraine bodies.

2.5. Pensioners of all categories, by region

(source: by Pension Fund of Ukraine; as of January 1, 2024)

	Total, persons	Including					judges in resignation which receive the lifelong monetary maintenance (with complete and income-plete work experince)
		old age pensions	disability pensions	survivors' pensions	long service pensions	welfare pensions	
Ukraine	10516537	7705735	1538190	658411	551168	59269	3764
Autonomous Republic of Crimea	...	...	...	...	...	...	...
oblasts							
Vinnnytsya	434100	310422	72269	25327	23541	2413	128
Volyn	256144	174062	47383	20813	12590	1222	74
Dnipropetrovsk	884507	696571	77453	65472	40073	4685	253
Donetsk	712836	550542	73779	57437	27792	3076	210
Zhytomyr	358166	235074	74223	26325	20717	1696	131
Zakarpattya	254120	181203	40931	14597	14114	3203	72
Zaporizhzhya	460874	356236	53536	26520	21782	2609	191
Ivano-Frankivsk	335791	236991	63611	18643	13468	2977	101
Kyiv	537938	397975	80806	30958	25069	2977	153
Kirovohrad	252760	187575	31519	17706	13947	1913	100
Luhansk	258759	207657	19466	18020	12675	844	97
Lviv	664732	460678	124828	45802	30471	2811	142
Mykolayiv	288542	213854	36488	18485	18077	1520	118
Odesa	563321	396685	92140	33238	37250	3770	238
Poltava	410177	295068	64674	26389	21939	1960	147
Rivne	284891	208827	43560	18758	11956	1730	60
Sumy	310491	238886	33135	18298	18385	1674	113
Ternopil	270422	199814	44312	13719	11103	1401	73
Kharkiv	720754	545880	90319	38028	42144	4078	305
Kherson	213522	167478	20830	10562	13324	1240	88
Khmelnyskiy	384986	241158	96137	24651	20935	2013	92
Cherkasy	396974	260463	98479	20327	15023	2545	137
Chernivtsi	206072	148716	35277	9997	10385	1640	57
Chernihiv	304887	220737	44749	19620	18075	1582	124
cities							
Kyiv	750771	573183	78286	38719	56333	3690	560
Sevastopol	...	...	...	...	...	...	...

3. LABOUR MARKET

The indicators from Tables 3.1–3.3 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 Table 3.3 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.

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 Table 3.1 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 table 3.3 the assessment of indicator for 2022–2023 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 their reporting 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. 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	—	—

3.2. 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	...
2023	17442 ¹	117,5 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

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

(UAH)

	2010	2015	2018	2019	2020	2021	2022	2023 ¹	
								UAH	percent of 2022
Total	2239	4195	8865	10497	11591	14014	14847	17442	117,5
Agriculture, forestry and fishing	1472	3309	7557	8856	9757	12287	13061	14625	112,0
of which Agriculture	1430	3140	7166	8738	9734	11733	12243	14184	115,9
Industry	2570	4789	9633	11788	12759	14902	15176	18390	121,2
Construction	1758	3551	7845	9356	9832	11289	9781	12634	129,2
Wholesale and retail trade; repair of motor vehicles and motorcycles	1877	4692	9404	10795	11286	13488	15103	20630	136,6
Transportation and storage, postal and courier activities	2658	4653	9860	11704	11951	13837	13731	17184	125,1
Transportation	2555	4556	10010	11754	11923	14007	...	...	...
Warehousing and support activities for transportation	2993	5358	10884	12954	13137	14961	14763	19056	129,1
Postal and courier activities	1523	2180	5044	5993	6838	8214	8592	11830	137,7
Accommodation and food service activities	1455	2786	5875	6730	6026	8543	9367	12300	131,3
Information and communication	3161	7111	14276	17543	19888	25530	30829	37946	123,1
Financial and insurance activities	4638	8603	16161	19132	20379	23975	27986	34393	122,9
Real estate activities	1856	3659	7329	8626	8981	11142	11560	15509	134,2
Professional, scientific and technical activities	2869	6736	12144	14550	16613	19369	20497	23413	114,2
of which Scientific research and development	2874	4972	10259	11649	12882	15179	16360	19359	118,3
Administrative and support service activities	1839	3114	7228	8700	9878	11186	12291	14395	117,1
Public administration and defence, compulsory social security	2722	4381	12698	14785	16443	19048	20764	23395	112,7
Education	1905	3132	7041	8135	9271	11817	11999	12439	103,7
Human health and social work activities	1628	2829	5853	7020	8848	11616	13738	14688	106,9
of which Human health services	1637	2853	5898	7087	8995	11825	14002	14970	106,9
Arts, entertainment and recreation	1928	4134	7612	8659	9624	12508	11567	13336	115,3
of which									
Creative, arts and entertainment activities	1883	3150	6801	7834	8564	11315	11050	11345	102,7
Libraries, archives, museums and other cultural activities	1911	3049	6381	7519	8024	10462	10469	10990	105,0
Other services	1717	3634	8132	9096	11998	13279	14554	18332	126,0

¹ See the footnote to Table 3.2

4. INCOME AND EXPENDITURE OF POPULATION

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.

4.1. Population income and expenditure

(mln. UAH)

	2005	2010	2015 ¹	2018 ¹	2019 ¹	2020 ¹	2021 ¹	2022 ¹
Income	381404	1101175	1772016	3248730	3744060	4045191	4863519	5257066
of which								
wages	160621	449553	709590	1529367	1758588	1832294	2211720	2750808
profit and mixed income	58404	160025	323506	572065	678217	740334	964851	692862
income from ownership, received	11072	67856	80035	91164	117003	104986	107241	58925
social aid and other current transfers received	151307	423741	658885	1056134	1190252	1367577	1579707	1754471
Expenditure and	381404	1101175	1772016	3248730	3744060	4045191	4863519	5257066
of which								
purchase of goods and services	306769	838213	1568173	2884971	3356993	3520546	4305425	3922442
income from ownership, paid	3523	28844	18583	29975	39299	45788	46976	39499
current taxes on income, property and other current transfers paid	25461	72251	154187	302237	360225	414937	503468	731380
accumulation of non-financial assets	4444	19578	-2117	-22889	-40335	-44539	-36771	...
increase in financial assets	41207	142289	33190	54436	27878	108459	44421	...
Available income	298275	847949	1362599	2470325	2905821	3117891	3725498	3847601
Real available income, percent of the previous year	123,9	117,1	79,6	110,9	109,0	104,5	109,2	85,9

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)

INCOME AND EXPENDITURE OF POPULATION

4.2. Average monthly pension¹

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

	2001	2006	2011	2016	2019	2020	2021	2022	2023	2024
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	5385,3
including										
old age	85,2	417,7	1156,0	1690,3	2648,2	3064,8	3539,0	3944,8	4523,0	5247,9
disability	94,5	393,2	1033,8	1545,2	2118,6	2641,1	2859,5	3269,8	3790,7	4407,5
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	2424,0
1st group	99,8	290,2	771,7	1102,2	2163,0	1675,0	1805,0	1928,6	2125,0	2509,1
2nd group	89,3	290,3	796,4	1131,5	2080,3	1636,2	1783,3	1934,1	2120,9	2335,7
3rd group	88,7	277,8	831,8	1206,4	1664,2	1747,6	1830,2	1999,6	2128,7	2438,3
to survivors who lost their benefactor	61,0	302,8	940,0	1640,3	2491,5	2916,5	3249,9	3730,7	4416,9	5209,6
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	4454,5
long service	105,8	443,9	1719,1	2282,4	3970,6	4500,5	4763,3	6442,9	8104,9	9913,9
entitled welfare pensions	43,7	339,6	744,8	1099,0	1499,6	1644,3	1786,1	1955,7	2140,0	2451,5

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

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	2018	2019	2020 ¹	2021 ²	2022 ²	2023 ²
Total institutions ³ , thsd.	16,3	15,1	15,6	14,8	14,9	14,8	15,3	15,0	13,9	13,5
in urban areas	7,4	6,7	6,7	5,7	5,8	5,8	6,1	6,0	5,7	5,8
in rural areas	8,9	8,4	8,9	9,1	9,1	9,0	9,2	9,0	8,2	7,7
Enrollment capacity of the institutions ⁴ , thsd. places	1117	1056	1136	1105	1156	1155	1153	1138	1047	1010
in urban areas	832	773	821	772	806	806	810	800	745	726
in rural areas	285	283	315	333	350	349	343	338	302	284
Total children at the institutions, thsd.	983	1032	1273	1291	1278	1230	1151	1111	934	862
in urban areas	824	840	1012	981	969	936	885	847	711	656
in rural areas	159	192	261	310	309	294	266	264	223	206
Percentage of total children of the specified age attending pre-school	40	51	53	55	61	63	63	65	53 ⁵	...
in urban areas	52	64	64	64	71	73	75	78	62 ⁵	...
in rural areas	18	27	32	40	43	43	42	43	35 ⁵	...
Children at the institutions per 100 places ⁶	88	98	112	114	108	105	98	96	88	84
in urban areas	99	109	123	126	119	115	108	105	95	89
in rural areas	56	68	82	87	83	80	73	74	70	69

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 2020–2023, 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	2023 ²	2000	2005	2010	2015	2020 ¹	2023 ²
Ukraine	16347	15058	15628	14813	15335	13452	983,0	1031,7	1272,7	1291,2	1150,5	861,5
Autonomous Republic of Crimea	684	613	607	...	...	...	36,3	40,3	51,8	...	...	...
oblasts												
Vinnitsya	695	644	704	777	786	672	37,8	39,0	46,3	56,2	48,8	42,4
Volyn	305	355	444	483	488	481	17,0	23,1	31,7	37,9	33,5	28,7
Dnipropetrovsk	1115	954	939	964	1003	968	81,3	82,3	99,3	113,9	96,4	73,8
Donetsk	1402	1155	1144	559	568	336	107,0	105,7	125,0	55,1	45,7	16,8
Zhytomyr	482	575	644	687	668	603	28,4	29,8	38,7	46,6	40,6	32,6
Zakarpattia	505	506	532	572	598	599	20,1	26,9	35,5	47,5	39,6	33,3
Zaporizhzhya	655	544	526	522	538	319	44,2	44,4	52,3	57,4	48,7	27,7
Ivano-Frankivsk	285	283	334	402	464	456	17,5	20,0	27,6	33,6	33,9	31,0
Kyiv	776	710	682	735	806	760	44,5	44,9	56,8	69,8	68,0	56,8
Kirovohrad	566	505	530	508	486	433	23,5	24,0	27,6	32,6	26,5	21,9
Luhansk	644	576	528	237	270	21	41,4	42,8	50,9	15,0	13,6	0,3
Lviv	483	478	589	783	876	936	34,9	40,8	57,1	70,3	68,9	62,6
Mykolayiv	541	517	552	568	555	463	28,9	29,3	36,1	42,4	34,9	22,9
Odesa	735	743	744	756	851	802	45,4	51,7	62,9	74,6	69,4	51,6
Poltava	747	599	562	619	634	584	36,3	34,3	40,1	47,9	41,0	32,4
Rivne	263	265	397	510	555	519	18,2	22,3	32,8	41,1	37,8	33,4
Sumy	590	415	495	516	461	389	29,9	28,5	34,5	37,3	31,2	23,7
Ternopil	474	499	506	577	602	559	19,1	21,6	26,4	31,8	28,0	23,6
Kharkiv	742	612	633	712	753	709	55,1	55,4	67,9	79,0	74,1	50,6
Kherson	561	487	493	468	470	121	26,6	27,1	34,3	37,7	31,3	8,2
Khmelnyskiy	757	806	815	784	749	651	34,1	36,6	42,3	46,8	42,2	36,3
Cherkasy	791	691	696	664	617	554	36,1	35,8	39,4	43,2	35,1	27,8
Chernivtsi	252	309	353	379	385	391	15,3	21,2	27,4	32,2	28,3	24,2
Chernihiv	520	461	414	435	441	383	21,9	22,7	26,1	31,1	26,9	18,6
cities												
Kyiv	687	671	679	596	711	743	72,2	70,6	89,3	110,2	106,1	80,3
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 in pre-school educational institutions, by language of instruction and region

	Number of children ¹ , end of 2023		Share of children, who education in Ukrainian, percent					
	total	including education in Ukrainian	2000	2005	2010	2015	2020 ²	2023 ¹
Ukraine	861515	854543	78,0	84,2	85,9	94,2	97,9	99,2
Autonomous Republic of Crimea	...	...	2,8	3,6	3,3	...	...	...
oblasts								
Vinnnytsya	42452	42452	100,0	99,9	100,0	100,0	100,0	100,0
Volyn	28694	28694	100,0	100,0	100,0	100,0	100,0	100,0
Dnipropetrovsk	73799	73799	84,5	89,2	90,6	93,0	97,9	100,0
Donetsk	16842	16842	34,5	65,9	73,7	86,1	98,0	100,0
Zhytomyr	32644	32644	99,8	100,0	100,0	100,0	100,0	100,0
Zakarpattya	33338	29584	90,2	88,6	89,6	88,4	87,6	88,7
Zaporizhzhya	27714	27714	62,9	77,4	84,0	84,7	96,9	100,0
Ivano-Frankivsk	30959	30959	100,0	100,0	100,0	100,0	100,0	100,0
Kyiv	56775	56775	99,6	99,9	99,9	99,9	99,9	100,0
Kirovohrad	21866	21866	98,2	99,2	99,2	99,4	99,4	100,0
Luhansk	320	320	19,7	35,6	37,6	59,1	91,7	100,0
Lviv	62585	62526	99,7	99,9	99,8	99,8	99,8	99,9
Mykolayiv	22883	22883	90,4	96,2	95,9	96,8	99,4	100,0
Odesa	51629	51437	62,9	72,9	77,8	73,5	91,7	99,6
Poltava	32357	32357	98,3	99,1	98,8	99,6	100,0	100,0
Rivne	33368	33368	99,9	100,0	100,0	100,0	100,0	100,0
Sumy	23668	23668	97,7	97,5	98,7	99,3	100,0	100,0
Ternopil	23559	23559	100,0	100,0	100,0	100,0	100,0	100,0
Kharkiv	50617	50617	82,7	88,7	88,7	88,6	95,2	100,0
Kherson	8223	8223	83,2	86,3	87,4	88,2	99,5	100,0
Khmelnyskiy	36310	36290	99,9	99,9	99,96	100,0	99,9	99,9
Cherkasy	27795	27795	99,9	99,9	100,0	100,0	100,0	100,0
Chernivtsi	24201	21326	93,6	91,3	91,5	90,1	88,5	88,1
Chernihiv	18583	18583	99,5	99,9	99,9	100,0	100,0	100,0
cities								
Kyiv	80334	80262	99,9	99,9	99,9	99,9	99,8	99,9
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 2023, 3,4 thsd. children in multi-national regions were taught in Hungarian, 3,1 thsd. in Romanian, 226 children in Russian, 177 in English, 79 in Polish and 23 in Slovak languages.

EDUCATION

5.4. Institutions of general secondary, tertiary and professional pre-tertiary education in 1914–2023

(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
2023/24	12701	3906	314 ⁴	350 ⁴	314 ⁵	1149 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

5.5. Enrollment in educational institutions

(beginning of academic year; thsd.)

	2000/01	2005/06	2010/11	2015/16	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Total	9220	8605	7224	5692	5819	5824	5766	5809	5635	5630
General secondary educational institutions ¹	6764	5399	4299	3783	4042	4138	4211	4230	4042	3906
day	6647	5301	4228	3750	4017	4116	4191	4103 ^{2,3}	3122 ^{2,3}	2983 ^{2,3}
night (part-time), including distance learning	117	98	71	33	25	22	20	17 ^{3,4}	12 ^{3,4}	10,5 ^{3,4}
Professional (vocational and technical) educational institutions ¹	525	497	434	304	255	246	247	250	237	225
Institutions of professional pre-tertiary education	—	—	—	—	—	—	166 ⁵	282 ⁵	302 ⁵	302 ⁵
Tertiary educational institution ⁶	1931	2709	2491	1605	1522	1440	1142 ⁵	1047 ⁵	1054 ⁵	1149 ⁵

¹ See the first footnote to Table 5.4

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 5.4

At the beginning of the 2023/24 academic year, 85,1 thsd. pupils were trained in 454 general secondary educational institutions based on private ownership, 35,1 thsd. students were trained in 97 tertiary education institutions, based on private ownership.

5.6. 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	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Institutions	22,2	21,6	20,3	17,3	15,5	15,2	14,9	14,0	13,0	12,7
Pupils	6764	5399	4299	3783	4042	4138	4211	4230	4042	3906
including grades 10–12 (10–16)	1049	975	570	432	427	456	462	461 ¹	458 ¹	472 ¹
Total teachers ²	577	543	515	444	441	440	440	435	402	390

¹ Number of pupils in 10–12

² Including part-time

In 2023, 1,2 thsd. pupils attended the 1st grades set up at pre-school educational institutions.

EDUCATION

5.7. 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	2023/ 24	2000/ 01	2005/ 06	2010/ 11	2015/ 16	2020/ 21	2023/ 24
Ukraine	22210	21589	20300	17337	14873	12701	6764	5399	4299	3783	4211	3906
Autonomous Republic of Crimea	645	632	609	...	...	...	295	223	177	...	...	...
oblasts												
Vinnysya	1072	1040	976	883	747	618	245	205	160	153	167	163
Volyn	832	816	787	753	595	537	167	147	126	129	145	142
Dnipropetrovsk	1113	1094	1044	1002	862	827	492	378	298	309	342	323
Donetsk	1318	1235	1151	563	509	275	588	432	337	150	170	90
Zhytomyr	950	903	844	760	618	527	208	173	137	129	139	134
Zakarpattya	722	716	693	669	635	574	208	182	156	157	171	164
Zaporizhzhya	698	677	639	600	534	421	269	203	159	159	172	138
Ivano-Frankivsk	772	772	761	740	664	562	222	191	155	149	161	158
Kyiv	813	809	781	747	703	632	263	214	172	186	232	239
Kirovohrad	631	617	576	533	309	283	159	125	95	91	97	95
Luhansk	843	793	732	308	273	85	325	234	176	52	56	23
Lviv	1479	1487	1440	1386	1181	1102	390	328	263	260	287	288
Mykolayiv	672	651	592	554	477	431	187	147	114	111	120	107
Odesa	975	975	950	881	786	712	344	283	235	243	278	265
Poltava	962	870	786	694	584	507	222	178	135	128	138	136
Rivne	796	750	707	677	588	541	192	171	147	148	166	166
Sumy	704	658	592	531	404	352	172	130	98	93	99	93
Ternopil	925	920	889	837	687	587	170	145	116	106	112	106
Kharkiv	1007	984	917	818	734	629	373	285	223	230	259	224
Kherson	581	575	509	470	395	187	182	143	110	106	114	65
Khmelnyskiy	1103	1075	926	783	621	531	212	177	138	128	139	137
Cherkasy	719	699	679	630	533	457	199	158	118	110	118	116
Chernivtsi	462	454	447	432	396	341	138	121	100	98	107	107
Chernihiv	843	778	674	590	472	393	166	129	98	92	97	91
cities												
Kyiv	497	534	525	496	566	590	327	261	225	266	325	336
Sevastopol	76	75	74	...	...	...	49	36	31	...	...	...

EDUCATION

5.8. General secondary educational institution at the beginning of 2023/24 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	12701	3906174	390089	12247	3821075	381240	454	85099	8849
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
oblasts									
Vinnycya	618	163168	18164	607	161656	17878	11	1512	286
Volyn	537	141568	16932	532	141117	16848	5	451	84
Dnipropetrovsk	827	322890	26269	807	320991	25988	20	1899	281
Donetsk	275	90436	7852	274	90370	7840	1	66	12
Zhytomyr	527	134276	15092	522	133533	14976	5	743	116
Zakarpattya	574	164045	18061	558	162366	17760	16	1679	301
Zaporizhzhya	421	138066	12567	416	137504	12482	5	562	85
Ivano-Frankivsk	562	158127	19926	553	156576	19703	9	1551	223
Kyiv	632	238588	20818	569	231631	19823	63	6957	995
Kirovohrad	283	94676	9971	281	94642	9958	2	34	13
Luhansk	85	23408	2066	85	23408	2066	—	—	—
Lviv	1102	288337	33080	1071	283012	32308	31	5325	772
Mykolayiv	431	107398	10230	430	107254	10209	1	144	21
Odesa	712	265307	22835	655	256655	21901	57	8652	934
Poltava	507	136110	14225	499	135089	14080	8	1021	145
Rivne	541	165873	18181	534	164463	18031	7	1410	150
Sumy	352	92479	9700	350	92318	9674	2	161	26
Ternopil	587	106337	14230	585	106242	14200	2	95	30
Kharkiv	629	223525	19208	603	214288	18577	26	9237	631
Kherson	187	64964	6147	186	64873	6132	1	91	15
Khmelnyskiy	531	136922	15118	525	136258	15003	6	664	115
Cherkasy	457	116102	12594	448	115416	12468	9	686	126
Chernivtsi	341	106537	11489	334	105537	11368	7	1000	121
Chernihiv	393	90612	10354	391	90359	10307	2	253	47
cities									
Kyiv	590	336423	24980	432	295517	21660	158	40906	3320
Sevastopol	...	...	...	...	...	...	...	...	...

¹ See the second footnote to Table 5.6

² Property-based Institutions of public and communal

EDUCATION

5.9. General secondary educational institution at the beginning of 2023/24 academic year

(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
Total	12701	3906174	390089	12247	3821075	381240	454	85099	8849
Primary schools with pre-school unit	279	18759	2116	259	17967	1988	20	792	128
Primary schools	435	39669	3945	372	35476	3372	63	4193	573
Gymnasiums with pre-school unit and primary school	1144	110021	19326	1126	108303	19059	18	1718	267
Gymnasiums with primary school	2511	480711	53808	2475	475322	53157	36	5389	651
Lyceums with pre-school unit, primary school and gymnasium	1401	347736	43478	1348	337668	41979	53	10068	1499
Lyceums with primary school and gymnasium	5648	2561411	226390	5464	2508022	222051	184	53389	4339
Lyceums with pre-school unit and gymnasium	5	1688	185	4	1680	178	1	8	7
Lyceums with gymnasium	323	128996	11355	286	124197	10677	37	4799	678
Gymnasiums	157	22682	2874	147	21463	2707	10	1219	167
Lyceums	510	156128	16640	480	152834	16130	30	3294	510
Special general secondary educational institutions ³	286	38373	9946	284	38143	9916	2	230	30
Health resort general secondary educational	2	× ⁵	26	2	× ⁵	26	—	—	—

¹ See the second footnote to Table 5.6

² See the second footnote to Table 5.8

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

5.10. Pupils of day general secondary educational institutions, by language of instruction and region ¹

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

	Number of pupils, 2023/2024		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	2023/24
Ukraine	3867801	3834708	70	78	82	90	96	99
Autonomous Republic of Crimea	...	...	0,9	5	8	...	...	...
oblasts								
Vinnitsya	161470	161470	98	99	99,5	99,6	99,8	100
Volyn	140494	140494	99	99,7	99,8	99,9	99,99	100
Dnipropetrovsk	318289	318245	68	78	81	81	95	99,99
Donetsk	89454	89454	14	29	47	58	98,4	100
Zhytomyr	133037	133037	96	99	99	99,5	99,9	100
Zakarpattia	163651	146563	86	86	87	87	88	89,6
Zaporizhzhya	134818	134818	45	60	73	75	86,5	100
Ivano-Frankivsk	157424	157424	99	99,7	99,6	99,4	100	100
Kyiv	237624	237624	97	99	99	99,4	99,9	100
Kirovohrad	93403	93403	89	96	98	98	99	100
Luhansk	23391	23391	17	34	48	65	91	100
Lviv	286111	285367	98	99	99	99	99,5	99,7
Mykolayiv	105654	105654	74	87	92	92	98	100
Odesa	262998	261228	47	65	72	69	93	99,3
Poltava	134575	134575	93	97	98	99	99,9	100
Rivne	164344	164344	99,7	99,9	99,97	100	100	100
Sumy	91513	91513	83	93	96	96	99,6	100
Ternopil	105619	105619	99,7	99,8	99,9	99,9	100	100
Kharkiv	221336	220933	55	71	75	73	79	99,8
Kherson	64411	64411	76	83	85	84	97	100
Khmelnyskiy	135705	135475	98	99,3	99,5	99,5	99,9	99,8
Cherkasy	114960	114960	96	98	99	99	99,8	100
Chernivtsi	105874	93134	81	81	84	86	87	88
Chernihiv	89872	89872	94	99	99,5	99,6	99,9	100
cities								
Kyiv	331774	331700	93	96	97	97	98,4	99,98
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

Also at the beginning of the 2023/24 academic year, 14,6 thsd. children were taught in Hungarian, 15,5 thsd. in Romanian, 1,3 thsd. in Moldovian, 447, in Russian, 974 in Polish, 118 in Slovakian, 50 in German, 35 pupils in Bulgarian and 24 pupils in English.

EDUCATION

5.11. 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
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	×	×
2022	366 ¹	×	×	221 ²	×	×
2023	373 ¹	×	×	223 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 2023, 61,1% of graduates of the 9th joined the 10th grade at general secondary educational institutions, 13,5% entered to professional (vocational and technical) educational institutions, and 17,1% were enrolled to tertiary educational institutions.

5.12. 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
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	236,7	110,6	110,6
2023	664	225,2	115,5	109,6
Vocational training of persons in 2023 who have completed secondary education	×	54,0	36,2	34,8
got the profession with obtaining the complete general secondary education	×	157,6	52,8	49,8
obtained qualification without complete secondary education	×	4,1	2,6	3,2
involved in vocational training				
not working population	×	1,4	3,4	3,0
enterprise workers	×	7,5	17,3	16,0
involved in upgrading				
not working population	×	0,1	0,8	0,7
enterprise workers	×	0,5	2,4	2,1

EDUCATION

5.13. 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	2018	2019	2020	2021	2022	2023
Ukraine	266,8	286,6	247,3	165,0	133,5	124,0	114,1	112,4	110,6	109,6
Autonomous Republic of Crimea	8,7	10,0	9,0	...	...	...	...	...	...	...
oblasts										
Vinnycya	10,9	14,5	11,3	7,9	6,8	6,4	5,8	5,7	5,8	6,2
Volyn	7,1	8,6	7,1	5,9	4,7	4,7	4,3	4,2	4,3	3,2
Dnipropetrovsk	20,0	24,5	23,9	16,9	13,0	12,5	11,8	11,2	9,9	9,7
Donetsk	28,4	29,7	24,4	6,7	6,3	6,3	5,2	5,0	3,9	3,7
Zhytomyr	7,1	6,9	5,8	5,2	4,1	3,6	3,3	3,4	3,1	3,4
Zakarpattya	5,1	5,4	4,8	3,4	2,6	2,4	2,2	2,3	2,3	2,5
Zaporizhya	13,0	15,3	10,9	8,4	6,0	5,9	5,7	5,4	5,3	4,4
Ivano-Frankivsk	5,4	6,8	6,2	5,6	4,5	4,1	4,0	4,0	4,1	4,0
Kyiv	9,0	9,9	7,6	5,6	4,7	4,3	4,2	4,2	4,3	4,3
Kirovohrad	7,6	7,9	5,8	4,1	3,0	2,9	2,8	2,5	2,5	2,8
Luhansk	18,7	17,1	15,1	3,0	2,3	1,9	1,9	1,6	1,3	0,9
Lviv	19,3	19,5	16,6	15,0	11,2	9,5	9,0	8,8	9,4	9,1
Mykolayiv	8,1	8,5	7,6	6,3	5,7	5,2	4,3	4,2	4,6	4,5
Odesa	9,2	10,0	10,1	8,9	7,5	7,1	6,3	6,2	5,9	4,8
Poltava	10,6	10,4	9,0	6,1	5,1	4,8	4,5	4,5	4,4	4,5
Rivne	5,8	6,6	6,3	6,3	5,4	5,2	5,1	4,7	5,2	4,9
Sumy	8,9	9,4	9,6	5,8	5,2	4,6	4,0	4,3	3,8	4,8
Ternopil	4,8	6,6	6,0	5,1	4,2	3,7	3,2	3,0	3,3	2,8
Kharkiv	15,5	15,8	11,2	7,7	6,3	5,9	5,5	5,8	5,6	5,9
Kherson	5,9	7,1	5,4	4,4	3,8	3,5	3,4	3,6	2,7	2,0
Khmelnyskiy	7,2	7,0	8,0	6,9	5,8	5,4	4,7	5,0	5,3	6,3
Cherkasy	6,2	5,8	5,3	5,3	4,5	4,1	3,7	3,3	3,9	4,3
Chernivtsi	3,9	4,7	4,0	3,7	3,1	2,9	2,6	2,4	2,6	2,9
Chernihiv	6,3	6,0	4,9	3,6	2,9	2,6	2,3	2,7	2,6	3,1
cities										
Kyiv	12,8	10,9	10,0	7,2	4,8	4,5	4,3	4,4	4,5	4,6
Sevastopol	1,3	1,7	1,4	...	...	...	...	...	...	...

5.14. Institution of professional pre-tertiary and tertiary education¹

(beginning of academic year)

	Institution of professional pre-tertiary education			Tertiary educational institutions		
	2020/21	2022/23	2023/24	2020/21	2022/23	2023/24
Total institutions, units	129	283	314	515	347	314
Total students, thsd.	165,6	301,8	350,0	1141,9	1053,8	1148,7
full-time education	149,2	272,5	321,9	829,7	797,6	883,5
Number of persons enrolled for training², thsd.	53,4	93,6	122,4	277,1²	245,1²	251,6²
full-time education	46,1	85,4	113,4	227,2 ²	198,6 ²	208,6 ²
Number of person graduated from educational institutions³, thsd.	47,3	77,7	87,6	385,7	273,2	211,0
full-time education	41,2	67,1	74,0	242,8	178,8	147,2

¹ See the fifth footnote to Table 5.5

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, 2022, 2023

At the beginning of 2023/24, institution of professional pre-tertiary education – 195 foreign students, in tertiary educational institution – 33,3 thsd. foreign students.

EDUCATION

5.15. Admission and graduation of specialists by institutions of pre-tertiary education by sources of financing of education in 2023¹

	Number of persons enrolled for training	Including enrolled for training				Number of persons released from IPPEI ²
		Central budget		Under the contract		
		total	percentage of total number of the enrolled	total	percentage of total number of the enrolled	
Total	122376	66959	54,7	55408	45,3	87584
By education degree (education and qualification level)						
bachelor	3405	578	17,0	2825	83,0	2406
junior bachelor (junior specialist)	267	20	7,5	247	92,5	43903
professional junior bachelor	118704	66361	55,9	52336	44,1	41275

¹ See the fifth footnote to Table 5.5

² End of 2023

³ Including 2 persons who were enrolled to training at the expense of voucher funds

⁴ Including 7 persons who were enrolled to training at the expense of voucher funds

5.16. Enrollment and graduation of experts by tertiary education institutions by source of financing in 2023¹

	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	251552	82159	32,7	169333	67,3	211023
By education degree (education and qualification level)						
Master ⁴	9948	5272	53,0	4675	47,0	44870
specialist	—	—	—	—	—	50
Bachelor ⁵	232778	73346	31,5	159373	68,5	158029
junior bachelor (junior specialist)	541	193	35,7	348	64,3	4611
professional junior bachelor	8285	3348	40,4	4937	59,6	3463

¹ See the fifth footnote to Table 5.5

² See the second footnote to Table 5.14

³ End of 2023

⁴ Including 1 person who were enrolled to training at the expense of voucher funds

⁵ Including 59 persons who were enrolled to training at the expense of voucher funds

EDUCATION

5.17. Institutions of professional pre-tertiary education by region¹

(beginning of academic year)

	Total institution, units			Enrollment, thsd.		
	2020/21	2022/23	2023/24	2020/21	2022/23	2023/24
Ukraine	129	283	314	165,6	301,8	350,0
Autonomous						
Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnnytsya	6	13	13	8,4	15,7	16,5
Volyn	3	7	8	6,1	9,6	11,1
Dnipropetrovsk	3	23	33	13,8	35,1	39,4
Donetsk	7	—	c	7,9	—	c
Zhytomyr	7	14	14	5,0	12,4	14,3
Zakarpattya	5	7	7	4,2	7,6	9,0
Zaporizhzhya	5	8	9	10,7	13,0	12,5
Ivano-Frankivsk	3	11	12	6,2	11,7	17,8
Kyiv	9	15	14	7,2	10,8	11,2
Kirovohrad	6	11	11	3,8	8,3	8,7
Luhansk	3	—	—	1,8	—	—
Lviv	10	22	21	9,0	18,3	24,1
Mykolayiv	5	9	8	2,9	7,6	9,4
Odesa	9	20	22	13,5	24,7	27,3
Poltava	5	14	14	7,2	14,0	15,3
Rivne	1	5	5	5,2	10,8	11,1
Sumy	8	9	9	9,0	11,3	12,8
Ternopil	6	11	14	8,5	13,6	15,3
Kharkiv	8	20	26	5,6	15,7	19,9
Kherson	5	—	c	3,6	—	c
Khmelnyskiy	— ²	11	11	2,1	7,9	11,0
Cherkasy	1	9	11	1,3	5,5	9,5
Chernivtsi	5	14	16	3,5	8,5	10,6
Chernihiv	7	12	12	5,7	7,4	7,7
cities						
Kyiv	2	18	21	13,4	32,3	33,3
Sevastopol	...	...	...	...	...	...

¹ See the fifth footnote to Table 5.5

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

EDUCATION

5.18. Institutions of tertiary education by region¹

(beginning of academic year)

	Total institution, units			Enrollment, thsd.		
	2020/21	2022/23	2023/24	2020/21	2022/23	2023/24
Ukraine	515	347	314	1141,9	1053,8	1148,7
Autonomous						
Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnnytsya	17	13	12	39,3	34,5	37,9
Volyn	10	9	8	20,7	23,1	28,0
Dnipropetrovsk	51	39	29	82,7	78,7	82,4
Donetsk	21	—	—	27,5	—	—
Zhytomyr	12	5	5	22,3	18,6	21,5
Zakarpattya	9	7	7	20,2	21,1	22,5
Zaporizhzhya	16	13	12	49,0	44,5	50,5
Ivano-Frankivsk	13	13	10	32,2	38,0	36,6
Kyiv	12	8	7	18,8	17,5	20,9
Kirovohrad	9	7	7	11,6	14,6	17,3
Luhansk	10	—	—	17,9	—	—
Lviv	33	20	21	95,4	97,3	109,0
Mykolayiv	11	9	9	27,0	21,6	21,6
Odesa	31	22	21	75,1	71,3	75,4
Poltava	13	8	8	34,0	35,0	41,2
Rivne	11	7	7	24,3	21,0	26,1
Sumy	7	6	6	18,9	19,2	23,0
Ternopil	11	9	6	28,3	32,0	38,0
Kharkiv	55	39	30	124,2	113,5	119,0
Kherson	13	—	—	20,7	—	—
Khmelnyskiy	18	11	11	25,3	25,2	27,1
Cherkasy	15	10	8	32,4	30,1	32,4
Chernivtsi	11	5	3	22,3	20,6	21,0
Chernihiv	9	4	4	13,0	12,5	15,9
cities						
Kyiv	97	83	83	258,8	263,9	281,4
Sevastopol	...	...	...	...	...	...

¹ See the fifth footnote to Table 5.5

EDUCATION

5.19. Training of postgraduate students

	2000	2005	2010	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Number of scientific institutions and tertiary educational institutions that have postgraduate training program, the end of year	418	496	530	490	431	417	408	380	384	399
Total postgraduate students, end of year	23295	29866	34653	28487	22829	25245	25668	26389	33826	46523
Number of persons enrolled into postgraduate courses	7744	9711	10626	9813	7172	7381	6951	6147	13386	18451
full-time education ²	5153	6006	6503	6528	4434	4446	4255	3737	11285	16391
evening and part-time education ^{3,4}	2591	3705	4123	3285	2738	2935	2696	2410	2101	1890
Number of persons who graduated from postgraduate courses	5132	6417	8290	7493	6401	2913	4280	351	2600	3888
full-time education ²	3715	4279	5212	4794	4387	699	2694	249	1611	2263
evening and part-time education ^{3,4}	1417	2138	3078	2699	2014	2214	1586	102	989	1504

¹ See the fifth footnote to Table 5.5

² Before 2018, full-time

³ Before 2018, 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
2023	160	258	1,4	249	9,4

¹ Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2023 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	2018	2019	2020	2021 ¹	2022	2023
Total medical practitioners (doctors) ^{2,3}	226	224	225	186	186	185	180	144	163	160
Total paramedical staff ³	541	496	467	372	345	330	309	261	268	258
Total hospitals ³	3,3	2,9	2,8	1,8	1,7	1,6	1,6	1,2	1,4	1,4
Total beds ³	466	445	429	333	302	295	275	245	252	249
Total out-patient medical institutions ³	7,4	7,8	9,0	10,0	10,5	10,6	10,6	8,2	9,5	9,4
Capacity of out-patient facilities, visits per shift	973	990	993	912	926	920	929	831	853	863

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	2018	2019	2020	2021 ²	2022	2023
Ukraine	226,3	223,8	224,9	186,2	185,7	184,7	179,6	143,9	163,0	160,2
Autonomous Republic of Crimea	11,1	10,7	10,2	...	...	...	...	...	...	...
oblasts										
Vinnycya	8,3	8,3	8,1	7,8	7,8	7,9	7,8	6,7	7,4	7,4
Volyn	4,2	4,1	4,0	3,9	3,9	4,0	3,9	3,4	3,8	3,8
Dnipropetrovsk	17,5	16,6	16,4	15,3	14,9	14,6	14,2	11,0	13,2	12,6
Donetsk	22,4	21,6	19,8	5,7	6,1	5,9	5,7	5,3	4,5	4,2
Zhytomyr	5,4	5,2	5,0	4,8	4,7	4,6	4,5	3,9	4,4	4,4
Zakarpattia	5,2	5,2	5,2	5,0	4,9	4,9	4,6	3,9	4,5	4,5
Zaporizhzhya	9,5	8,8	8,6	8,5	8,6	8,7	8,3	6,8	5,8	5,6
Ivano-Frankivsk	6,6	6,7	8,2	8,4	8,3	8,1	7,9	7,0	7,7	7,6
Kyiv	6,0	5,8	7,2	7,3	7,4	7,4	7,1	5,5	6,3	6,3
Kirovohrad	4,0	3,7	3,6	3,5	3,3	3,2	3,1	2,7	3,1	3,1
Luhansk	10,7	10,3	10,0	2,1	2,1	2,1	2,1	1,8	1,3	1,2
Lviv	13,9	14,5	15,0	14,0	13,6	13,4	13,2	11,8	12,6	12,6
Mykolayiv	4,6	4,4	4,4	3,9	3,8	3,8	3,5	2,9	3,0	3,0
Odesa	11,9	11,2	11,7	11,2	11,1	11,3	11,1	9,1	10,6	10,3
Poltava	7,8	7,3	7,2	7,0	6,9	6,8	6,6	5,8	6,7	6,5
Rivne	4,6	4,7	4,8	4,8	4,8	4,8	4,7	4,1	4,6	4,7
Sumy	4,8	4,5	4,6	4,5	4,5	4,4	4,2	3,7	4,1	4,1
Ternopil	5,4	5,4	5,6	5,7	5,6	5,5	5,4	4,8	5,3	5,3
Kharkiv	15,2	15,8	15,9	15,6	15,3	15,2	14,8	10,5	11,3	10,9
Kherson	4,2	4,1	3,9	3,8	3,7	3,7	3,4	2,7	2,0	1,6
Khmelnyskiy	5,4	5,5	5,6	5,5	5,6	5,6	5,5	4,6	5,2	5,2
Cherkasy	5,4	5,1	5,0	4,8	4,6	4,6	4,4	3,7	4,3	4,3
Chernivtsi	4,4	4,9	5,6	5,4	5,3	5,3	5,1	4,7	5,0	4,9
Chernihiv	4,6	4,3	4,1	3,8	3,7	3,7	3,5	3,3	3,3	3,3
cities										
Kyiv	21,3	23,2	23,1	23,9	25,2	25,2	25,0	14,2	23,0	22,8
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	2018	2019	2020	2021 ¹	2022	2023
Ukraine	541,0	496,3	466,8	371,7	345,4	330,3	308,8	261,3	268,2	257,5
Autonomous Republic of Crimea	23,1	21,9	20,1	...	...	...	...	...	...	...
oblasts										
Vinnysya	20,5	18,9	17,6	16,6	14,1	13,5	12,9	11,5	11,5	11,2
Volyn	11,8	11,3	11,3	10,8	10,0	9,4	8,7	8,0	7,9	7,8
Dnipropetrovsk	39,3	35,3	32,2	28,8	26,4	24,9	23,1	19,0	20,9	20,2
Donetsk	55,1	48,4	41,6	13,3	14,0	13,3	12,7	12,1	9,8	8,7
Zhytomyr	16,5	15,3	14,4	13,4	12,0	11,3	10,7	9,4	9,8	9,5
Zakarpattia	13,1	12,9	11,5	10,8	10,0	9,6	8,8	7,7	7,7	7,3
Zaporizhzhya	22,0	19,2	18,1	16,3	15,2	14,6	13,2	11,2	7,7	7,3
Ivano-Frankivsk	15,5	14,2	15,1	15,0	13,7	13,2	12,3	11,3	11,4	11,1
Kyiv	18,5	16,3	16,0	15,1	14,4	13,5	12,4	10,8	11,0	10,8
Kirovohrad	12,9	11,4	10,6	9,6	8,7	8,2	7,7	6,8	6,9	6,8
Luhansk	26,6	24,8	22,6	5,3	5,3	5,1	4,8	4,4	2,8	2,5
Lviv	30,5	30,1	28,5	26,4	24,3	23,2	21,7	18,7	18,8	18,3
Mykolayiv	12,3	11,1	10,1	9,2	8,2	7,7	7,2	6,5	6,4	6,0
Odesa	24,9	21,8	22,4	20,2	19,0	18,5	17,5	13,7	15,8	14,9
Poltava	19,4	16,8	15,2	13,9	12,8	12,4	11,8	10,5	10,8	10,6
Rivne	13,2	13,5	13,3	12,5	11,8	11,3	10,3	9,4	9,3	9,0
Sumy	14,5	13,0	12,7	11,7	10,8	10,0	9,2	8,4	8,6	8,3
Ternopil	12,5	12,2	12,1	11,6	10,3	9,8	9,2	8,7	8,3	8,1
Kharkiv	32,3	28,7	26,4	24,0	22,1	20,9	19,8	15,7	16,4	15,7
Kherson	12,2	11,3	10,4	9,6	8,5	8,1	7,2	6,3	4,8	3,5
Khmelnyskiy	14,7	13,8	14,2	13,5	12,2	11,7	10,8	9,6	9,8	9,6
Cherkasy	16,2	14,6	13,5	12,4	11,3	10,8	9,9	8,8	9,2	9,1
Chernivtsi	9,4	9,0	9,5	9,2	8,4	8,1	7,5	6,9	7,0	6,6
Chernihiv	15,1	13,3	12,3	11,0	10,1	9,6	8,7	8,2	7,9	7,7
cities										
Kyiv	34,6	33,4	31,3	31,5	31,8	31,6	30,7	17,7	27,7	26,9
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	2018	2019	2020	2021 ¹	2022	2023
Ukraine	466,0	444,9	428,7	332,7	301,6	295,1	274,6	244,6	251,6	249,0
Autonomous Republic of Crimea	19,3	17,9	17,2	...	...	...	...	...	...	...
oblasts										
Vinnysya	16,1	15,6	14,3	11,5	10,6	10,3	9,8	9,4	9,2	9,1
Volyn	8,9	8,6	8,6	8,3	7,2	7,0	6,7	6,9	6,9	7,7
Dnipropetrovsk	40,3	37,5	35,3	29,0	27,9	26,7	24,7	22,2	24,5	24,8
Donetsk	44,3	41,7	38,5	12,9	12,7	12,5	11,7	10,8	10,5	9,7
Zhytomyr	11,4	10,8	10,2	9,8	8,1	8,0	7,7	7,1	7,5	8,2
Zakarpattia	10,8	10,2	10,0	8,8	8,3	8,2	7,1	6,6	6,7	6,8
Zaporizhzhya	20,8	18,3	16,7	15,6	14,2	13,8	11,8	11,0	7,9	7,8
Ivano-Frankivsk	12,8	12,7	12,5	11,2	10,2	9,9	9,1	8,7	8,8	8,8
Kyiv	15,5	14,3	15,0	13,6	12,5	12,3	11,3	10,2	10,1	10,2
Kirovohrad	11,0	10,3	9,8	8,7	8,0	8,3	7,4	6,5	6,7	6,7
Luhansk	25,8	25,7	24,1	7,2	6,2	6,2	4,9	4,7	3,2	0,1
Lviv	25,8	24,8	24,7	22,7	19,6	18,9	17,9	16,2	15,9	16,1
Mykolayiv	11,1	10,6	10,2	9,8	7,9	7,3	6,9	6,9	6,7	6,4
Odesa	22,7	21,8	22,4	19,7	17,9	17,6	16,3	13,6	16,1	15,7
Poltava	14,4	13,8	13,4	12,3	11,0	10,4	10,2	9,4	9,2	9,3
Rivne	10,3	10,5	10,5	9,6	8,5	8,4	7,9	7,3	7,3	7,3
Sumy	11,9	11,4	11,2	9,8	8,7	8,2	7,4	7,2	7,3	7,3
Ternopil	10,7	10,1	9,9	9,4	8,7	8,3	7,8	7,5	7,4	7,6
Kharkiv	29,0	27,8	25,2	24,0	22,3	21,8	21,4	17,9	19,8	19,3
Kherson	11,2	11,8	11,1	9,7	7,8	8,6	6,5	6,3	4,9	4,1
Khmelnyskiy	13,2	12,2	12,3	11,1	9,9	9,6	9,0	8,3	8,4	8,9
Cherkasy	12,9	12,1	11,5	10,4	9,7	9,5	8,8	8,4	8,3	8,7
Chernivtsi	8,2	8,3	8,1	7,2	6,5	6,6	6,4	5,8	6,2	6,3
Chernihiv	14,2	13,0	12,6	11,1	9,2	8,9	7,9	7,5	7,0	6,8
cities										
Kyiv	30,3	30,1	30,0	29,3	28,0	27,8	28,0	18,2	25,1	25,3
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	2018	2019	2020	2021 ¹	2022	2023
Ukraine	973,0	989,9	992,8	912,3	926,5	920,4	929,0	831,1	853,1	863,1
Autonomous Republic of Crimea	35,1	34,9	34,3	...	...	...	...	...	...	...
oblasts										
Vinnycya	25,3	25,8	26,1	34,8	33,3	33,3	33,3	29,3	30,9	31,5
Volyn	17,9	18,0	18,3	18,6	19,1	19,2	19,5	18,8	19,7	19,9
Dnipropetrovsk	93,7	93,2	90,9	95,6	92,8	85,0	84,2	79,5	82,9	90,7
Donetsk	86,4	94,0	85,3	36,3	36,9	37,3	36,9	33,5	30,7	30,3
Zhytomyr	32,5	32,3	32,1	32,6	32,2	32,6	36,0	35,1	35,5	35,1
Zakarpattia	24,2	24,8	27,6	29,8	30,8	31,1	31,3	25,5	29,3	30,9
Zaporizhzhya	36,4	37,1	37,0	40,1	39,1	38,1	37,3	33,6	19,1	19,6
Ivano-Frankivsk	20,5	20,6	23,2	27,2	28,4	28,6	28,3	27,7	28,3	28,1
Kyiv	35,1	34,3	36,0	39,7	39,8	40,0	40,6	38,8	42,5	45,6
Kirovohrad	27,2	27,0	28,8	28,9	28,2	28,6	28,0	24,9	27,0	26,8
Luhansk	53,9	53,4	48,9	18,5	18,2	18,6	17,8	17,2	12,1	10,5
Lviv	47,3	48,0	48,9	50,0	50,9	50,9	50,0	47,6	46,7	46,3
Mykolayiv	23,3	22,3	23,1	25,4	25,4	24,9	24,8	23,2	23,9	24,1
Odesa	48,3	50,9	49,0	49,0	50,1	50,7	50,0	46,1	49,6	49,2
Poltava	37,2	38,1	38,5	37,0	37,4	38,9	39,6	36,2	39,3	38,8
Rivne	22,7	23,7	24,5	28,8	25,7	26,6	33,2	24,6	28,7	28,5
Sumy	26,9	27,5	27,5	26,9	28,6	28,4	27,6	24,7	26,1	26,0
Ternopil	19,8	20,2	21,2	21,7	21,7	21,8	21,9	21,7	21,7	21,7
Kharkiv	57,2	60,9	62,4	67,1	76,5	76,6	78,0	59,5	65,5	65,2
Kherson	21,0	21,4	21,5	21,4	24,6	24,6	25,1	23,6	11,6	12,7
Khmelnytskyi	25,8	25,2	25,4	26,2	26,2	26,2	26,5	25,7	26,1	25,8
Cherkasy	27,4	27,6	29,8	30,4	31,8	31,2	32,2	26,9	31,0	30,5
Chernivtsi	15,1	15,9	17,0	17,4	17,6	18,0	18,1	17,2	17,9	17,3
Chernihiv	24,1	23,8	24,3	25,2	25,1	25,1	24,7	22,6	23,5	23,3
cities										
Kyiv	81,1	81,6	83,3	83,7	86,1	84,1	84,1	67,6	83,5	84,7
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	2018	2019	2020	2021 ¹	2022	2023
Acute intestinal diseases, thsd.	102,5	83,2	87,5	95,7	96,8	86,9	36,0	41,2	41,7	50,6
Typhoid fever and paratyphus A, B and C	103	90	8	4	7	2	2	1	3	2
Infections caused by salmonella, thsd.	8,0	7,5	9,8	8,3	7,7	8,6	3,8	3,4	3,2	4,4
Virus hepatitis, thsd.	38,6	26,9	12,2	12,4	12,0	12,6	6,6	5,4	5,8	9,9
Flu and acute infections of respiratory organs, mln.	9,8	8,5	8,6	6,6	6,6	6,0	5,8	8,2	5,2	5,2
Scarlet fever, thsd.	16,1	10,3	14,4	8,0	10,5	14,5	5,6	1,6	1,0	10,4
Diphtheria	365	98	17	2	10	21	—	—	2	1
Whooping cough, thsd.	2,2	1,5	1,1	2,4	2,2	2,3	1,0	0,1	0,032	0,7
Tetanus	36	16	13	12	19	15	12	7	12	6
Acute poliomyelitis	6	1	—	—	—	—	—	1	—	—
Measles, thsd.	0,8	2,4	0,0	0,1	53,2	57,3	0,3	0,016	0,011	0,065

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	2023	2000	2005	2010	2015	2020	2023
Total newly registered HIV infected persons	6,3	13,8	20,5	15,9	17,6	12,9	0,7	4,2	5,9	8,5	4,1	3,4
Total patients registered at medical institutions, end of year	30,7	62,9	110,5	126,8	148,6	161,3	0,9	5,1	14,0	34,1	47,8	48,6

¹Including foreign citizens

At the end of 2023, 55,3% of HIV infected and registered as HIV positive persons were males and 29,2% 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	2023	2000	2005	2010	2015	2020	2023
Ukraine	6307	13786	20521	15892	17637	12928	653	4220	5871	8475	4145	3353
Autonomous Republic of Crimea	412	896	1086	...	...	...	92	235	182	...	...	...
oblasts												
Vinnysya	101	248	359	303	271	283	8	82	180	183	152	167
Volyn	96	158	214	278	174	192	3	26	99	128	61	53
Dnipropetrovsk	920	2045	3259	2881	3887	2928	17	778	1116	2047	538	544
Donetsk	1503	2997	4031	1024	1376	345	73	1343	1226	645	538	103
Zhytomyr	59	225	463	462	340	402	7	68	133	216	122	179
Zakarpattia	17	36	62	71	101	130	1	9	3	52	18	37
Zaporizhzhya	144	406	558	573	512	344	18	102	195	377	94	64
Ivano-Frankivsk	18	74	170	180	86	148	4	8	41	85	11	23
Kyiv	63	333	753	973	882	829	3	95	192	408	207	231
Kirovohrad	45	173	302	519	475	393	1	13	75	230	155	110
Luhansk	153	525	746	184	157	1	5	67	295	102	36	2
Lviv	89	209	479	454	320	568	5	43	153	189	98	140
Mykolayiv	453	802	1107	863	668	535	75	288	82	371	186	124
Odesa	977	1349	2143	2385	3894	2047	275	442	461	1407	977	669
Poltava	121	303	413	450	288	313	—	80	183	256	39	42
Rivne	22	82	244	249	159	201	4	9	23	86	46	63
Sumy	36	92	217	224	150	208	3	21	67	99	57	60
Ternopil	60	65	105	116	87	95	—	14	39	41	20	33
Kharkiv	153	401	527	527	726	640	8	42	126	204	166	262
Kherson	195	327	560	521	548	85	18	61	133	187	96	14
Khmelnyskiy	110	241	297	194	195	221	1	48	105	128	84	87
Cherkasy	151	300	471	542	387	325	3	94	173	262	85	66
Chernivtsi	25	62	102	98	66	105	9	23	18	50	32	34
Chernihiv	84	236	507	498	457	415	1	27	115	238	65	38
cities												
Kyiv	217	1023	1088	1323	1431	1175	15	73	371	484	262	208
Sevastopol	83	178	258	...	...	...	4	129	85	...	...	...

¹ See the footnote to Table 6.8

HEALTH CARE AND SOCIAL PROTECTION

6.10. Incidence of malignant tumours

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

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Total newly registered	156,6	157,5	156,2	134,1	135,6	136,1	109,7	115,8	95,8	109,9

6.11. Incidence of malignant tumours in 2023, by location

(source: the Ministry of Health of Ukraine; persons)

	Total	Including	
		males	females
Total newly registered	109898	52578	57320
including malignant tumour			
lips, mouth and throat	4133	3295	838
oesophagus	1303	1158	145
stomach	4850	3016	1834
rectum	6211	3369	2842
larynx	1403	1327	76
trachea, bronchi, lungs	9041	7108	1933
skin	15902	6815	9087
mammary glands	12674	106	12568
womb	8905	x	8905
kidney	4036	2431	1605
urine bladder	3604	2934	670
thyroid gland	2599	582	2017
lymphatic and hemogenic tissue	5613	2876	2737

6.12. Incidence of active tuberculosis

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

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Total newly registered	29,8	39,6	31,3	23,9	21,3	20,6	14,3	14,7	15,1	16,0 ¹
including active form of tuberculosis of respiratory organs	27,9	37,8	29,5	22,7	20,2	19,5	13,6	13,9	14,3	15,2

¹ Among the persons newly registered as sick of active form of tuberculosis in 2023, 72,9 % were males, and 94,6% were sick of respiratory tuberculosis

HEALTH CARE AND SOCIAL PROTECTION

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

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	29753	39608	31295	23896	21314	20643	14298	14688	15052	16047
Autonomous Republic of Crimea	1190	1743	1639	...	...	...	...	...	...	...
oblasts										
Vinnycya	999	1199	925	758	642	692	424	321	557	649
Volyn	611	714	580	653	546	519	390	492	496	621
Dnipropetrovsk	2329	2841	3140	2566	1971	2048	1603	1774	2865	2121
Donetsk	3364	4816	3570	1086	1148	1071	880	771	224	253
Zhytomyr	932	1295	978	830	743	707	435	479	544	607
Zakarpattia	616	737	744	749	751	760	550	614	743	744
Zaporizhzhya	1303	1736	1219	1085	1057	929	692	649	414	480
Ivano-Frankivsk	837	1101	911	845	647	581	334	340	409	493
Kyiv	989	1244	988	1194	1112	1083	733	724	675	753
Kirovohrad	736	1184	823	747	624	639	424	376	594	705
Luhansk	1997	2784	1904	316	406	345	255	265	36	—
Lviv	1748	2023	1678	1509	1304	1261	878	958	1062	1092
Mykolayiv	941	1365	1076	803	656	619	454	462	403	575
Odesa	1720	2292	1842	2446	2732	2680	1742	2000	1724	1809
Poltava	830	879	789	789	683	577	416	366	575	662
Rivne	776	940	679	636	485	480	352	364	428	450
Sumy	724	724	597	623	602	538	351	351	357	459
Ternopil	509	756	594	409	349	361	190	193	279	235
Kharkiv	1593	2563	1592	1182	1066	1069	743	758	465	818
Kherson	1122	1978	1167	875	683	631	456	399	219	100
Khmelnyskiy	786	887	707	724	592	579	376	326	350	462
Cherkasy	730	931	769	716	562	542	384	394	469	533
Chernivtsi	428	512	443	364	250	313	165	185	222	252
Chernihiv	792	901	749	677	582	468	355	411	338	353
cities										
Kyiv	956	1228	950	1314	1121	1151	716	716	604	821
Sevastopol	195	235	242	...	...	...	...	...	...	...

HEALTH CARE AND SOCIAL PROTECTION

6.14. Incidence of venereal disease

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

	2000	2005	2010	2015	2018	2019	2020	2021 ¹	2022	2023
Total newly registered										
syphilis	45,2	19,8	7,5	3,2	2,5	2,5	1,6	1,5	1,6	2,1
gonorrhoea	26,1	18,2	10,1	5,7	4,1	3,3	1,7	1,3	1,0	1,0

¹ See the third footnote to Table 6.1

6.15. Abortions

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

	2000	2005	2010	2015	2018	2019	2020	2021 ¹	2022	2023
Total abortions ²	434	264	177	106	87	80	65	55	47	43

¹ See the third footnote to Table 6.1

² Includes mini abortions conducted by applying vacuum aspiration during the first weeks of pregnancy

6.16. Industrial injuries

	2000	2005	2010	2015	2018	2019 ¹	2020 ¹	2021 ¹	2022 ¹	2023
--	------	------	------	------	------	-------------------	-------------------	-------------------	-------------------	------

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	4,0	4,4	6,6	12,3	4,9 ²	...
--	------	------	------	-----	-----	-----	-----	------	------------------	-----

including fatal accidents	1,2	1,0	0,6	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	215	230	181	200	93	...
--	-----	-----	-----	-----	-----	-----	-----	-----	----	-----

¹ Source: the Social Insurance Fund of Ukraine

² 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, 2024)*

	Total	Including			
		1 st group	2 nd group	3 rd group	children with disabilities
Ukraine	2839207	217591	954006	1508709	158901
Autonomous Republic of Crimea	...	...	...	...	...
oblasts					
Vinnnytsya	131088	11449	35132	78459	6048
Volyn	85931	8684	27454	44034	5759
Dnipropetrovsk	180218	13337	46141	107213	13527
Donetsk	143114	8893	38442	92130	3649
Zhytomyr	121480	9855	45120	60417	6088
Zakarpattia	86293	6412	22945	48465	8471
Zaporizhzhya	105519	8368	32331	60456	4364
Ivano-Frankivsk	119283	9175	36037	66758	7313
Kyiv	137855	10612	57566	61159	8518
Kirovohrad	62296	4700	16155	37521	3920
Luhansk	32403	1884	10499	19453	567
Lviv	237473	19068	57451	148983	11971
Mykolayiv	71828	6396	19476	41157	4799
Odesa	176951	16575	83162	67533	9681
Poltava	109652	7268	44816	51845	5723
Rivne	79288	6124	20099	46725	6340
Sumy	64635	6441	18928	35286	3980
Ternopil	80955	6098	22728	46825	5304
Kharkiv	159607	9435	61630	80239	8303
Kherson	34798	1932	8794	23747	325
Khmelnyskiy	154671	7795	52518	88154	6204
Cherkasy	146775	10146	77870	53796	4963
Chernivtsi	66094	5634	18610	36791	5059
Chernihiv	81656	8347	25070	43980	4259
cities					
Kyiv	169344	12963	75032	67583	13766
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 2023*(source: the Ministry of Health of Ukraine)*

	Thsd.		Percent	
	total ¹	including of working age	total ¹	including of working age
Total	230,7	156,0	100,0	100,0
due to the following diseases				
infectious and parasitic diseases	3,8	3,6	1,6	2,3
neoplasm	41,3	23,3	17,9	14,9
blood and hemogenic organs and selected disorders involving the immunity	0,4	0,4	0,2	0,2
endocrine system, nutrition and metabolic disorders	11,1	7,7	4,8	5,0
psychological and behavioural disorders	10,0	7,5	4,4	4,8
nervous system	12,2	9,6	5,3	6,1
eyes and eye adventive organ	9,2	5,0	4,0	3,2
ears and mammillary appendix	1,2	1,0	0,5	0,7
blood circulation	55,4	30,1	24,0	19,3
respiratory organs	5,6	4,6	2,4	2,9
digestion organs	5,1	4,5	2,2	2,9
urogenital system	3,2	2,4	1,4	1,6
bony and muscle systems and connective tissue	41,0	28,4	17,8	18,2
traumas, poisoning and consequences of other external reasons	25,0	22,5	10,8	14,4
other reasons	6,2	5,4	2,7	3,5

¹ Population aged 18 and older

Of total number of the injured, 2,3 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 2,0 thsd. persons (85,9%) 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	2023	2005	2010	2015	2020	2023
Ukraine	212,2	173,5	138,2	117,7	230,7	64,9	54,0	47,9	43,1	81,3
Autonomous Republic of Crimea	11,3	7,2	...	...	...	4,0	2,3	...	...	...
oblasts										
Vinnnytsya	7,8	7,2	7,0	5,3	12,8	3,6	3,4	3,2	2,5	6,3
Volyn	4,0	3,7	3,8	2,9	5,7	1,8	1,6	1,8	1,4	2,7
Dnipropetrovsk	15,5	11,7	11,0	8,8	15,3	2,0	1,7	1,8	1,4	2,2
Donetsk	24,4	16,7	6,7	6,1	4,0	2,7	1,5	1,0	1,4	0,6
Zhytomyr	6,3	5,2	4,6	4,3	11,1	2,5	2,2	1,9	1,8	3,9
Zakarpattya	5,3	4,3	3,9	3,3	9,3	3,7	3,0	2,7	2,3	5,8
Zaporizhzhya	7,9	7,2	6,9	6,4	10,4	1,5	1,4	1,4	1,3	1,2
Ivano-Frankivsk	5,5	4,5	4,8	4,5	9,8	3,1	2,4	2,6	2,8	5,5
Kyiv	7,1	6,4	6,4	5,5	10,5	2,8	2,4	2,5	2,2	4,2
Kirovohrad	4,6	3,7	3,7	2,8	4,8	1,6	1,5	1,4	1,3	2,3
Luhansk	10,6	8,8	2,1	1,6	0,3	2,6	1,4	0,7	0,4	0,0
Lviv	11,3	10,9	11,2	9,3	22	4,3	4,5	4,8	4,2	8,9
Mykolayiv	6,2	5,0	4,2	3,2	7,8	2,0	1,6	1,4	1,0	2,3
Odesa	12,9	9,4	7,9	7,3	17,4	4,7	3,7	3,2	3,4	6,6
Poltava	6,6	5,9	5,7	6,0	9,6	2,6	2,4	2,3	2,6	3,9
Rivne	5,0	4,3	3,7	3,0	6,0	2,5	2,2	2,1	1,7	3,3
Sumy	3,9	3,8	3,5	2,9	6,2	1,1	1,0	1,0	0,8	1,7
Ternopil	4,9	4,0	3,9	3,3	7,6	2,8	2,2	2,3	2,1	4,2
Kharkiv	9,9	8,8	8,5	7,3	16,1	1,7	1,5	1,8	1,3	2,3
Kherson	5,0	3,7	3,4	2,5	0,8	1,9	1,3	1,1	0,8	0,2
Khmelnyskiy	5,7	5,5	4,4	4,6	5,3	2,4	2,7	1,9	1,9	2,2
Cherkasy	6,2	5,7	4,1	3,7	7,7	2,4	2,1	1,6	1,6	3,3
Chernivtsi	4,0	3,2	3,2	2,7	8,4	2,3	2,0	1,9	1,7	5,0
Chernihiv	5,7	5,1	4,1	3,3	7,3	2,2	1,9	1,5	1,2	2,7
cities										
Kyiv	12,5	9,6	9,5	7,1	14,5	×	×	×	×	×
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	2018	2019	2020	2021	2022	2023
Total care homes	275	319	323	290	284	282	281	282	225 ¹	274
including beds, thsd.	53,0	57,1	58,4	50,1	49,2	49,2	48,4	47,5	39,3 ¹	41,4
of which										
for the aged persons and adult persons with disabilities	43,8	48,3	50,3	43,2	43,4	43,7	43,4	42,7	39,3	36,9
for children and the youth with disabilities	9,2	8,8	8,1	6,8	5,8	5,5	5,0	4,8	...	4,5

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

HEALTH CARE AND SOCIAL PROTECTION

**6.21. 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	2023	2000	2005	2010	2015	2020	2023
Ukraine	275	319	323	290	281	274	52997	57124	58349	50081	48448	41379
Autonomous Republic of Crimea	10	10	11	...	...		1802	1932	1985	...	...
oblasts												
Vinnysya	10	10	10	10	9	8	2041	2041	2041	2041	1951	1935
Volyn	6	6	6	6	6	6	915	915	915	835	835	881
Dnipropetrovsk	18	18	18	18	17	18	3720	3716	3925	3907	3692	3341
Donetsk	17	19	21	10	10	10	5185	5914	6194	3101	2736	–
Zhytomyr	12	15	15	15	15	14	2249	2644	2630	2617	2574	2481
Zakarpattia	7	7	7	7	7	7	1396	1422	1310	1317	1312	1325
Zaporizhzhya	11	11	11	12	10	10	2240	2390	2590	2777	2615	900
Ivano-Frankivsk	8	8	9	9	8	8	1325	1325	1440	1265	1260	1260
Kyiv	9	12	10	11	11	11	1699	1982	1874	2055	1976	2017
Kirovohrad	12	12	12	12	12	12	1590	1885	1890	1905	1896	1937
Luhansk	14	19	20	10	10	10	2616	3268	3540	1298	1288	181
Lviv	13	13	13	13	13	14	1650	1748	1808	1757	1871	2158
Mykolayiv	10	10	10	10	10	10	1417	1542	1553	1553	1553	1433
Odesa	10	10	10	10	10	12	2149	2140	2180	1988	1925	1657
Poltava	14	14	14	14	14	14	2600	2675	2555	2350	2305	2215
Rivne	7	7	7	7	7	7	1165	1151	1214	1210	1235	1618
Sumy	13	13	13	13	12	12	1957	2011	2001	1915	1915	1835
Ternopil	7	7	7	7	7	8	1276	1276	1276	1046	886	1041
Kharkiv	16	18	18	18	18	18	3675	3660	3315	3352	3165	2634
Kherson	6	11	11	11	10	–	1443	1650	1688	1571	1534	–
Khmelnyskiy	7	31	31	29	27	27	1095	2027	2025	2025	2050	2458
Cherkasy	14	14	14	14	14	14	2205	2225	2317	2326	2301	2490
Chernivtsi	7	7	7	7	7	7	935	871	1140	1145	1103	1156
Chernihiv	9	9	9	9	9	9	1975	2028	2117	2018	1990	1857
cities												
Kyiv	7	7	8	8	8	8	2507	2507	2647	2707	2480	2569
Sevastopol	1	1	1	...	...	...	170	179	179	...	...	...

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, 2024)

	Total, thsd. persons	Including in rural areas	Average amount of monthly benefit per person, UAH
Total	285,1	122,9	43,43
of which pensioners			
on disability	24,5	10,2	50,77
survivors who lost their benefactor	0,1	0,0	47,87
those receiving social pension	52,5	26,7	41,08
Out of the total number to lonely pensioners	1,3	0,6	52,20

6.23. Selected boarding schools and institutions for social protection of children¹

(end of year)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Boarding schools for orphans and children deprived of parents' guardianship ²										
institutions, units	44	54	77	23	9	8	8	1	1	–
enrolment ³ , persons	12254	11954	10135	2078	484	480	457	57	69	–
Children's homes										
institutions, units	83	109	113	42	30	27	22	17	12	–
of which by system the Ministry of Education and Science	82	105	110	40	28	25	22	17	12	12
enrollment ³ , persons	5552	6434	4771	1490	1238	1070	900	662	519	–
of which by system the Ministry of Education and Science of Ukraine	5535	6341	4686	1444	1187	1010	900	662	519	477
Homes of the child under the Ministry of Health of Ukraine										
institutions, units	47	50	48	40	39	39	40	37 ⁴	36 ⁴	31 ⁴
Enrollment ³ , persons	4992	5267	3666	2415	2764	2699	2387	2201 ⁴	2092 ⁴	1619 ⁴
Children care homes under the Ministry of Social Policy of Ukraine										
institutions, units	58	56	55	49	42	40	36	36	...	36
enrollment (children ³ and youth), persons	7977	7475	6879	5861	5074	4706	4402	4332	...	4137
Shelters for minors										
institutions, units	86	96	88	10	7	5	5	4	4	4
Children ^{3,4} , persons	27773	23674	11978	1123	906	755	549	564	623	577

¹ Source: Ministry of Education and Science of Ukraine, Ministry of Social Policy of Ukraine, Ministry of Health of Ukraine

² Since 2009, including special boarding schools and children in them

³ The total number of children in facilities apart from orphans and children who are deprived from parental care, includes also children that have parents

⁴ Were during the reporting year

At the end of 2023, 8930 children resided at 1299 family type children's homes, 5380 children in 2796 foster homes, and 4131 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	2018	2019	2020	2021	2022	2023
Quantity of adopted children during the year	7692	5241	4865	3212	2757	2878	1964	2150	1727	3499
Ukrainian citizens, total	5492	3085	3616	2808	2379	2491	1709	1869	1609	3497
from orphans and children deprived of parental guardianship	2043	1419	2247	1489	1358	1435	992	1082	643	926
from children living with one of the parents and adopted either by step-father or step-mother	3449	1666	1369	1319	1021	1056	717	787	966	2571
adopted by foreigners, total	2200	2156	1249	404	378	387	255	281	118	2
from orphans and children deprived of parental guardianship	2200	2110	1202	379	372	375	247	272	109	1
from children living with one of the parents and adopted either by step-father or step-mother	...	46	47	25	6	12	8	9	9	1
Orphans and children deprived of parental guardianship by the end of year, total	...	97829	98119	73183	69352	68877	68533	67586	59727	64550

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	2023	2010	2015	2020	2023
Total	3426	7880	6029	4131	11978	1123	549	577
town-dwellers	1902	4366	3272	2298	6591	619	207	199
rural dwellers	1524	3514	2757	1833	5387	504	342	378
boys	1943	4152	3173	2226	6939	610	288	299
girls	1483	3728	2856	1905	5039	513	261	278
Have complete family	993	1991	1952	961	2995	231	165	140
Have incomplete family	1629	4196	4015	2192	7598	737	287	341
Children from families where parents evade their responsibilities	528	3265	3375	2255	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	31	758	66	28	26
those sent to centres to settle their affairs	390	975	717	733	x	x	x	x
those who live in family-type children's homes	x	x	x	x	59	10	24	26
those who live in tutors' family or with curators	71	567	256	214	568	79	45	45
Those in centres or shelter-care facilities due to ¹								
difficult life circumstances	2683	5798	4335	2678	x	x	x	x
absence of family environment	308	1777	1459	1172	x	x	x	x
transition from shelter-care facilities for children	428	228	102	165	x	x	x	x
cruel behaviour	7	77	123	116	x	x	x	x
physical abuse	x	x	x	x	75	15	10	7
mental violence	x	x	x	x	9	—	3	2
sexual violence	x	x	x	x	2	1	—	1
child's individual application	2031	304	103	66	905	103	27	41
withdrawal from family	x	x	x	x	5715	526	314	350
find on to street	x	x	x	x	435	15	28	19
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	144
leaving boarding school without permission	x	x	x	x	661	54	19	1
transferring from other shelters	x	x	x	x	225	66	25	8
delivering from accepting and distribution center	x	x	x	x	65	2	—	—
delivering from health care institution	x	x	x	x	190	22	8	14
returning from prison	x	x	x	x	20	1	—	—
economic violence	x	x	x	x	31	5	—	—
Got into shelter-care facilities several times	x	x	x	x	701	63	40	26

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 1913–2017

	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	...

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

² At the end of 1914

CULTURE AND SPORT

7.2. Libraries, cinemas and club-houses

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

	2000	2005	2010	2015	2016	2017	2018	2019	2020 ¹	2022	2023
Total libraries, thsd.	20,7	19,8	19,5	17,3	17,0	16,8	16,6	16,2	16,1	13,5	12,9
Library stocks, mln. copies	343	330	326	266	255	248	239	230	191	173	158

¹ Source: the State Agency of Ukraine on Arts and Art Education

7.3. Number of art schools

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

	2000/ 01	2005/ 06	2010/ 11	2015/ 16	2016/ 17	2017/ 18	2018/ 19	2019/ 20	2020/ 21	2021/ 22	2022/ 23	2023/ 24
Music schools	1036	966	892	793	787	786	783	773	732	732	635	624
Special music schools (boarding schools)	4	4	6	4	4	4	4	4	5	1	5	5
Arts schools	307	370	432	370	378	384	393	414	457	457	512	516
Painting schools	130	124	125	109	107	109	107	111	108	108	91	92
Specialized painting schools (boarding schools)	1	2	1	1	2	2	4	2	2	—	2	2
Choreographic schools	9	12	10	8	8	8	8	9	9	8	10	10
Other art schools	8	8	11	10	10	9	10	10	14	14	10	10

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	2018	2019	2020	2021	2022	2023
Books and brochures										
Total publication, published items	7749	15720	22557	19958	22612	24416	18967	21095	9691	15187
Number of publication, mln. copies	44	54	45	36	47	61	42	45	12	25
of which										
in Ukrainian	29	33	25	24	38	53	37	40	11	23
Magazines and other periodic publication (excluding newspapers)¹										
Total publication, published items	1245	2182	2822	2847	2619	2527	2244	2131	1439	1337
Annual circulation, mln. copies	52	132	338	233	119	107	82	62	38	16
of which										
in Ukrainian	12	25	66	41	29	26	21	21	25	11
Newspapers										
Total publication, published items	2667	2974	2347	1846	1736	1651	1529	1387	1089	733
Average one-off circulation, mln. copies	48	80	55	40	42	44	35	33	22	11,5
of which										
in Ukrainian	13	25	18	15	17	19	14	13	13	7
Annual circulation, mln. copies	3459	4960	3169	2349	1827	1478	1155	1009	418	335

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

CULTURE AND SPORT

7.5. Sports school for children in 2023, 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	1107	339971	33	3124
Autonomous Republic of Crimea	...	...	...	...
oblasts				
Vinnnytsya	54	17140	1	161
Volyn	28	8675	1	66
Dnipropetrovsk	82	31966	1	190
Donetsk	39	5779	1	211
Zhytomyr	41	12627	1	80
Zakarpattya	34	10865	1	84
Zaporizhzhya	37	7258	1	75
Ivano-Frankivsk	39	13617	1	57
Kyiv	51	20361	—	—
Kirovohrad	29	9641	1	54
Luhansk	12	173	1	80
Lviv	70	24343	1	133
Mykolayiv	45	9536	2	136
Odesa	71	19938	1	52
Poltava	42	15315	1	102
Rivne	33	12107	1	97
Sumy	43	12431	1	99
Ternopil	30	8891	1	64
Kharkiv	62	19166	2	262
Kherson	31	1233	1	29
Khmelnyskiy	38	13312	1	96
Cherkasy	35	11187	1	120
Chernivtsi	28	9987	1	75
Chernihiv	41	11451	2	203
cities				
Kyiv	92	32972	7	598
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	2018	2019	2020	2021	2022	2023
Persons that go in for sport	1014,9	1266,0	1218,4	978,2	978,5	970,5	963,5	904,0	688,8	689,5
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	474,8	464,6	456,4	438,2	332,7	343,1
females	247,2	322,9	290,3	240,6	231,0	229,4	232,5	221,2	180,4	183,4
disabled	7,2	17,3	19,7	12,7	11,6	11,3	10,6	10,7	8,1	8,1
Persons that engaged of physical training and health activities	4105,1	5030,9	4918,3	4388,9	5048,5	5167,1	4892,8	4477,1	4093,1	3400,1
including										
at pre-school educational institutions ¹	...	...	420,8	508,1	570,1	664,0	613,1	549,8	401,2	374,5
at general secondary educational institutions ¹	1914,2	2037,4	1520,2	1396,8	1804,1	1913,4	1843,6	1978,9	1673,1	1762,0
at professional (vocational and technical) educational institutions ¹	129,5	167,6	134,6	100,9	116,8	114,3	118,8	99,5	82,5	85,5
at tertiary educational institutions ¹	330,8	510,0	607,5	511,3	490,2	430,7	429,2	458,9	421,6	372,0 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	2067,4	2044,6	1888,0	1390,0	1514,7	806,1
Of the total number of people engaged in physical training and health activities										
females	1251,0	1598,8	1723,4	1620,3	2007,9	2107,9	1983,8	1855,4	1779,7	1591,2
disabled involved in rehabilitation and health improving activity	22,1	33,5	43,3	36,1	46,5	58,5	55,6	50,0	39,4	38,1

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 122,9 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	2018	2019	2020	2021	2022	2023
Stadiums with stands for 1500 seats and more	1128	1147	1108	974	956	960	960	934	854	825
Sports grounds	35674	39977	40260	36065	37090	35028	34310	35744	33284	31200
including tennis-courts	845	1205	1344	1127	1150	1177	1173	1182	1115	1104
Football grounds	9910	11248	11730	10851	11097	10900	10859	11345	10520	10110
Ski lodges	122	103	72	55	58	62	61	52	52	48
Shooting range, covered and semi-covered, at least 25 m long	7598	6538	5379	4299	4110	3839	3771	3322	3008	2776
Swimming pools	509	510	593	492	545	557	566	639	632	605
of which										
50 m long	50	44	52	44	46	47	47	46	46	45
Gymnasiums with 162 sq.m space	17032	17189	17176	14772	14771	14634	14618	14053	12935	12593
Track-and-field shots that are not a part of stadiums	183	231	257	241	224	234	235	220	194	142
Grounds equipped with simulators	11300	11286	11738	12115	13726	13955	14161	10568	9793	9300
Jump skis	19	22	25	25	30	31	31	30	30	31
of which for freestyle	3	5	6	6	8	9	9	11	11	9
Horse riding sports centers	29	33	57	48	53	54	54	49	48	44
Cycle tracks	4	4	4	3	5	5	5	5	6	5
Facilities with manufactured ice	10	13	61	57	54	56	55	57	56	53

CULTURE AND SPORT

7.8. Physical training and health activities in 2023

(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	3400144	2305936
including		
at pre-school educational institutions ¹	374545	26942
at general secondary educational institutions ¹	1761993	1761993
at professional (vocational and technical) educational institutions ¹	85497	71310
at vocational pre-higher education institutions	122852	80391
at tertiary educational institutions ¹	249188	94284
at out-of-school educational institutions	104608	99731
in enterprises, institutions and organisations	386516	42775
in organisations that engaged in physical training and health activities, by place of residence	314945	128510
Of the total number of disabled involved in rehabilitation and health improving activity	38110	...

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	2018 ²	2019 ²	2020 ²	2021 ²	2022 ²	2023 ²
Total recorded criminal offences	567,8	491,8	505,4	565,2	487,1	444,1	360,6	321,4	362,6	475,6
of which										
premeditated murders	5,1	3,3	2,4	3,2	1,5	1,5	1,4	1,3	5,3	16,1
premeditated severe injuries	6,9	5,7	3,8	2,6	2,2	2,0	1,8	1,7	1,6	1,4
rapes	1,2	0,9	0,6	0,3	0,2	0,4	0,4	0,4	0,3	0,4
hooliganism	23,4	15,0	9,2	4,1	3,3	3,4	2,5	1,9	1,1	1,3
violent crime	5,6	6,7	4,0	3,6	2,3	1,9	1,4	1,0	0,5	0,4
robberies	23,0	47,1	23,3	22,1	13,8	11,2	7,5	4,8	2,2	1,7
extortion	2,7	1,2	0,5	0,6	0,6	0,7	0,7	0,6	0,4	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 2015, 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 2023, 310,6 thsd. were classified as grave and very grave offences.

8.2. Number of the registered criminal offences, by region

(thsd.)

	2000	2005	2010	2015 ²	2018 ²	2019 ²	2020 ²	2021 ²	2022	2023
Ukraine	567,8	491,8	505,4	565,2	487,1	444,1	360,6	321,4	362,6	475,6
Autonomous Republic of Crimea	30,2	23,8	33,5	0,4	0,2	0,1	0,1	0,2	0,3	0,4
oblasts										
Vinnitsya	14,0	12,5	12,8	16,8	12,6	11,8	10,0	10,1	9,0	12,3
Volyn	7,6	8,6	8,3	10,7	9,3	10,5	9,7	9,1	7,4	11,5
Dnipropetrovsk	65,6	46,5	49,6	50,1	45,7	42,2	30,1	26,8	20,4	39,0
Donetsk	54,6	58,2	62,6	34,7	23,8	23,6	21,3	18,0	40,9	51,7
Zhytomyr	15,8	10,0	10,2	13,9	14,2	12,8	10,7	8,6	8,5	12,7
Zakarpattia	6,7	6,6	6,8	11,4	11,0	11,8	8,9	8,5	9,5	11,0
Zaporizhzhya	32,6	28,4	27,9	41,8	26,6	23,0	18,7	13,7	15,6	20,3
Ivano-Frankivsk	8,9	7,5	5,8	8,5	7,4	7,8	6,7	7,0	5,8	8,7
Kyiv	15,9	13,5	16,6	25,2	20,1	17,2	15,6	16,7	26,2	35,5
Kirovohrad	12,8	9,6	11,9	18,4	15,4	12,9	10,8	9,2	8,4	10,2
Luhansk	39,3	35,3	32,1	12,5	10,4	8,5	8,0	6,9	16,6	9,7
Lviv	22,1	18,7	17,3	33,2	25,8	26,1	20,5	17,1	15,3	20,3
Mykolayiv	17,9	14,2	12,7	19,5	19,1	17,7	14,3	11,2	11,7	13,8
Odesa	26,9	23,5	24,8	29,4	33,0	24,6	22,1	19,6	16,9	21,0
Poltava	17,7	17,9	16,4	23,5	21,4	19,2	15,6	12,9	12,4	17,1
Rivne	7,5	7,7	7,5	11,1	10,3	10,3	9,5	8,8	7,4	11,3
Sumy	14,5	11,3	10,7	14,3	11,9	10,9	9,9	8,6	8,7	13,4
Ternopil	6,4	5,7	5,4	7,2	7,1	6,7	6,1	6,2	5,2	7,1
Kharkiv	43,1	32,0	28,3	40,9	36,4	31,7	26,1	24,8	33,5	43,5
Kherson	14,4	13,2	12,3	16,1	16,0	15,6	12,7	10,0	18,0	21,2
Khmelnytskyi	10,4	10,6	10,9	12,6	11,2	10,0	6,2	5,6	5,4	8,6
Cherkasy	14,4	10,3	9,7	16,4	15,6	13,6	10,0	8,3	8,2	10,8
Chernivtsi	4,8	5,1	6,7	9,2	7,7	7,3	6,3	6,3	6,0	7,6
Chernihiv	12,6	9,5	9,6	15,8	14,2	13,9	10,9	8,8	10,7	9,8
cities										
Kyiv	28,6	33,4	36,5	66,1	60,0	53,8	39,3	38,3	34,5	47,0
Sevastopol	4,3	4,7	5,5	0,0	0,0	0,0	0,0	0,1	0,1	0,1

¹ See the first footnote to Table 8.1

² See the second footnote to Table 8.1

JUSTICE AND CRIME

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

	2000	2005	2010	2015 ²	2018 ²	2019 ²	2020 ²	2021 ²	2022 ²	2023 ²
Total recorded criminal offences	45748	65017	56878	25908	27007	28774	28204	29587	34398	39124
including										
theft, appropriation, extortion of drugs, psychotropic substances or similar products or cartured by swindle or abuse of official position	332	352	255	31	21	28	51	356	338	1333
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	23475	25005	24381	25103	30302	34457
inclination for drugs psychotropic substances or their analogues	385	965	618	158	34	45	37	17	7	15
setting up and keeping places for illegal consumption, production or the making of drugs, psychotropic agents or similar products	1664	2743	2150	1044	511	509	426	357	234	461

¹ Before 2010, data from the Ministry of Internal Affairs of Ukraine; in 2015, 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	2018	2019	2020	2021	2022	2023
Total convicted	230,9	176,9	168,8	94,8²	73,7²	70,4²	67,5²	64,1²	49,7²	66,7²
of whom of										
premeditated murders	3,9	2,1	2,0	0,8	0,5	0,4	0,5	0,4	0,4	0,5
premeditated severe injuries	4,9	4,1	3,4	1,7	1,1	1,1	1,1	1,0	0,8	0,9
rapes	0,9	0,7	0,4	0,1	0,0	0,1	0,1	0,1	0,1	0,1
hooliganism	108,4	60,1	61,0	41,2	34,0	32,1	28,6	24,6	15,5	18,3
violent crime	4,9	4,4	3,8	1,0	0,6	0,6	0,6	0,5	0,3	0,3
robberies	10,0	13,4	11,6	4,8	3,5	3,5	3,2	2,8	1,7	1,3
extortion	1,4	0,7	0,4	0,1	0,1	0,1	0,0	0,1	0,0	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

JUSTICE AND CRIME

8.5. Court convictions, by region¹

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

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	230,9	176,9	168,8	94,8²	73,7²	70,4²	67,5²	64,1²	49,7²	66,7²
Autonomous Republic of Crimea	10,9	10,2	8,2	...	...	...	...	...	...	...
oblasts										
Vinnycya	7,7	5,2	6,1	3,8	2,8	2,8	2,6	2,7	2,8	3,3
Volyn	3,7	3,2	3,3	2,5	1,8	1,8	1,7	1,9	1,7	2,0
Dnipropetrovsk	22,1	13,6	14,9	11,2	8,4	7,7	9,0	8,3	7,0	9,1
Donetsk	25,8	22,2	20,3	5,7	5,0	4,9	4,5	3,9	0,6	1,6
Zhytomyr	5,8	4,5	4,7	3,3	2,8	2,5	2,1	2,1	1,7	2,7
Zakarpattia	3,7	2,6	2,9	1,9	1,7	1,5	1,6	2,0	2,2	2,1
Zaporizhzhya	13,3	11,4	9,7	5,6	4,1	3,7	3,7	3,1	1,1	1,5
Ivano-Frankivsk	3,6	3,4	3,4	1,8	1,4	1,4	1,4	1,4	1,6	1,9
Kyiv	8,1	5,6	4,8	4,4	3,1	3,2	2,7	2,1	2,4	3,4
Kirovohrad	6,1	4,0	4,7	3,2	2,2	1,9	1,8	1,8	1,5	2,0
Luhansk	17,4	12,9	12,7	2,0	2,6	2,2	1,9	1,5	...	...
Lviv	8,4	6,0	5,7	4,6	3,7	3,6	3,4	4,0	3,9	5,0
Mykolayiv	6,5	6,8	5,6	3,8	2,3	2,5	2,4	1,7	1,1	1,9
Odesa	12,6	9,2	8,3	4,6	3,6	3,2	3,2	3,4	3,5	4,5
Poltava	7,0	6,7	4,7	4,6	3,6	3,4	3,4	3,0	3,4	4,1
Rivne	3,2	3,0	3,3	2,4	1,8	1,8	1,8	1,9	1,8	2,2
Sumy	6,8	4,6	5,0	2,9	2,7	2,6	2,2	2,4	1,6	2,3
Ternopil	3,0	2,1	2,5	1,6	1,2	1,0	1,0	1,1	1,1	1,4
Kharkiv	15,8	13,7	8,6	7,4	5,5	5,4	4,9	4,8	1,7	4,1
Kherson	6,8	5,5	5,3	3,4	2,1	2,3	2,1	2,0	...	0,2
Khmelnyskiy	4,8	4,1	4,6	2,6	2,0	2,3	1,8	1,5	1,7	1,9
Cherkasy	7,0	4,2	4,4	2,7	1,8	1,7	1,7	1,8	2,0	2,6
Chernivtsi	2,9	1,8	2,1	1,5	1,2	1,3	1,0	1,1	1,3	1,4
Chernihiv	6,2	4,6	4,4	3,0	2,1	1,9	1,9	1,7	1,2	2,1
cities										
Kyiv	9,3	3,9	6,5	4,2	4,2	3,8	3,7	2,9	2,8	3,4
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

JUSTICE AND CRIME

8.6. Institutions executing sentences and number of prisoners

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

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Number of institutions executing sentences	182	182	182	146	131	122	109	109	102	100
including										
for females	11	11	15	11	10	9	7	7	5	5
for minors	11	11	10	6	3	2	1	1	1	1
Number of persons who serve sentences according to courts' decision, thsd	179293	139526	117920	55861	37827	36094	33994	33147	29434	30060
including										
for females	10942	8451	6731	2796	1711	1592	1478	1480	1347	1427
for minors	2548	2185	926	230	69	44	41	32	29	31

8.7. Number and composition of children who are registered with juvenile prevention units

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

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Total	39,8	41,5	20,3	4,9	3,8	3,7	1,8	1,9	1,5	2,0
Of whom										
pupils of general secondary education institutions	15,6	22,5	11,4	2,3	1,6	1,6	0,8	0,9	0,7	1,0
pupils of professional (vocational and technical) educational institutions	6,5	7,0	3,5	1,8	1,5	1,3	0,7	0,6	0,4	0,6
do not work or study	10,0	7,8	4,1	0,5	0,5	0,5	0,2	0,2	0,2	0,2
have one parent	10,4	11,0	5,8	1,7	1,2	1,1	0,5	0,5	0,4	0,4
have no parents	0,9	1,2	0,8	0,3	0,2	0,2	0,1	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	0,0	0,1	0,1

JUSTICE AND CRIME

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		2022		2023	
	conside- red cases (applica- tions)	satisfied suits (issue the writs)								
Total cases	2193,3	1691,6	947,2	756,9	726,4	587,9	579,0	453,7	867,5	673,2
of which										
reinstatement	4,4	1,8	2,1	0,8	1,5	0,6	1,8	0,8	1,6	0,7
payment of wages	18,7	12,3	8,6	6,1	8,3	6,7	3,1	2,2	4,7	3,7
indemnification of financial damage, inflicted by employees to state enterprise, establishment, organisation	0,7	0,4	0,4	0,2	0,2	0,1	0,1	0,1	0,1	0,1
divorce	153,5	122,4	109,5	95,2	101,1	90,9	82,2	73,8	114,2	104,7

8.9. State notary services

(source: the Ministry of Justice of Ukraine)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Number of the state notary offices and state notary archives, units	795	826	816	755	704	699	694	685	680	565
Number of private notaries, persons	2035	3273	5325	5697	5617	5746	5779	5730	5647	5607
Number of the performed notarial acts, thsd.										
by state notary offices	3920	4094	3284	1731	1391	1293	1045	1145	619	972
by private notaries	7709	14510	13609	10812	11178	11308	9388	11833	6618	9026
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	70,8	80,3	67,1	84,6	39,8	80,5
Amount of taxes paid to the budget for performing notarial acts by private notaries, mln. UAH	29,9	47,8	85,9	140,4	265,1	303,7	301,6	303,4	282,6	180,2

JUSTICE AND CRIME

8.10. Fires

(source: the State Service of Ukraine of Emergencies)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Total fires, units	61526	53751	64743	82016	80106	97435	104123	80383	82041	69116
Fire consequences										
total killed, persons	2423	4182	2823	1993	1959	1902	1730	1856	1642	1459
of whom children	149	119	95	66	52	58	46	35	37	39
total injured, persons	1532	1912	1551	1473	1596	1650	1554	1473	1682	1554
total rescued, persons	6901	4114	5259	2454	2424	1986	1831	1787	1912	1865
Total direct losses, mln. UAH	70,3	292,5	669,8	1637,7	2401,0	3249,5	21212,9	3209,0	36793,6	23034,6
Destroyed or damaged, units										
buildings and dwellings	17704	20918	22304	26913	25426	25921	28067	23090	35762	27884
vehicles	2142	2457	3195	3995	4809	5031	5184	4877	6860	5529

8.11. Fires, by cause

(source: the State Service of Ukraine of Emergencies)

	2018	2019	2020	2021	2022	2023
Total fires	80106	97435	104123	80383	82041	69116
Arson	3024	3100	3912	2681	1485	2163
Equipment disrepair, violation of the technological process of production	176	170	178	165	126	131
Violation of fire safety rules while installing, operating electrical installations, electrical equipment and electrical devices	1469	1217	1095	1132	707	844
Emergency modes of power grid operations (short circuit, overload, transitional supports, arcing, insulation damage)	10252	9886	9767	10618	9789	9136
Violation of fire safety rules during fire works	273	256	330	294	192	124
Explosion	84	53	55	51	2084	373
Self-ignition substances and materials	240	290	357	237	349	444
Violation of fire safety rules while installing and operating heating systems and heat generating installations	5936	4881	5124	6161	4696	3158
Violation of fire safety rules while operating gas equipment	343	375	388	339	324	271
Careless use of fire	42736	54590	59144	40892	35207	38466
Children careless handling with fire	609	598	579	425	323	384
Lightning discharge	336	349	258	276	172	196
Vehicle malfunction	2285	2484	2542	2862	2133	2541
Road accident	73	92	106	93	62	183
Military/combat actions	...	...	...	...	...	5918
Unidentified reasons	56	91	197	212	930	285
Other reasons	12214	19003	20091	13945	23462	4499

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.

Water exploitation 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.

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

Freshwater 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 exploitation for production needs (except agricultural exploitation) 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 exploitation for household needs is water volume used for domestic (communal) population needs (including needs of enterprise workers).

Total wastewater is the volumes of water discharged into the natural water bodies and transferred to other users.

Wastewater contaminated 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 wastewaters 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.

Contaminated wastewaters discharges into surface waters 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 pollution 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.

Air emission from stationary source is total amount of pollutants coming to the air from stationary pollution 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.

Air emission from mobile sources is total amount of pollutants emitted to the air 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 or 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.

Waste treatment is the operation of recovery or disposal of waste, including the preparation of waste for such operations.

Waste disposal is an operation that is not waste recovery, even if one of the consequences of such an operation is the use of substances or energy.

Waste recovery is an operation, as a result of which waste is used for useful purposes, replacing materials that should

have been used to perform a certain function or that are prepared to perform this function in an enterprise or other economic activity.

Thermal treatment of waste is a technological process of thermal treatment of waste that complies with the rules of technical operation of the relevant installation.

Landfills are a waste disposal site intended for their placement on the surface or under the surface (underground) of the earth, including: internal waste disposal sites where the waste generator — a business entity disposes of its own waste at the site of generation and permanent sites where waste is placed for more than one year.

Capital investment on 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.

Waste disposal is placement of waste on the surface or under the surface (underground) of the earth in a way that does not pose a threat to human health and the surrounding natural environment and does not involve further processing of waste.

Waste is any substances, materials and objects that their owner gets rid of, intends to get rid of or must get rid of.

Costs on major repair of fixed assets for 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 expenditure on environmental protection are costs for the support (maintenance and exploitation) of object (fixed assets for environmental protection) in active status and included in the costs of the current period.

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

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	2018 ¹	2019 ¹	2020 ¹	2021 ¹	2022 ¹	2023 ¹
Total preserves and national nature parks	31	36	45	72	73	76	77	77	80	80
Their area, thsd.ha	887,5	1056,5	1310,5	1769,1	1997,4	2063,9	2072,8	2074,5	2125,5	2125,5

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

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

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	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Water abstraction from natural water objects, total	18282	15083	14846	9699	11296	11111	9952	8857	4883	5667
of which freshwater	17466	14255	13916	9109	10705	10596	9459	8349	4861	5658
Losses of water while transporting	2477	2327	2158	1139	1142	1119	1190	847	541	597
Water exploitation (including the sea water)	12991	10188	9817	7125	7363	7318	7238	6143	3401	3577
of which freshwater	12175	9360	8886	6556	6790	6821	6761	5649	3397	3573
used for needs										
production	6141	4878	5511	4491	4499	4723	4532	4047	2397	2516
drinking and sanitary and hygienic	3311	2409	1917	1267	1171	1148	1169	1019	753	767
for irrigation	1699	1186	1377	1237	1591	1343	1453	970	143	192
other	1840	1715	1012	130	102	104	84	107	108	102
Total wastewater ²	10964	8900	8141	5581	5412	5573	5292	4837	3091	3324
Contaminated wastewaters discharges into surface waters	10517	8553	7817	5343	5210	5374	5159	4685	3625	3199
wastewater contaminated	3313	3444	1744	875	952	737	518	542	374	376
without purification	758	896	312	184	141	139	100	120	80	62
insufficiently purified	2555	2548	1432	691	811	598	418	422	294	314
purified according to standards	2100	1315	1760	1389	1058	1188	1425	1430	1055	1089
regulatory clean without purification	5104	3794	4313	3079	3048	3285	3216	2713	1551	1734
non-categorized	...	...	...	...	152	164	—	—	—	—
Recycling, repeated and consistent of water use	41523	47167	43138	40306	34370	33646	35432	34122	18988	18835
Capacity of purifying facilities	7992	7688	7425	5801	5378	5546	5142	5521	4426	4700

¹Data may be revised

² Excluding transit and discharge to canals

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

ATMOSPHERE

9.4. Air emissions and greenhouses gases emissions

(thsd.t)

	2005	2010	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Air emissions and greenhouses gases emissions – total	6615,6	6678,0	4521,3	4121,2	4108,3	3675,3	3788,8	×	×
of which									
sulphur dioxide	1132,8	1235,2	854,0	716,7	695,8	619,2	595,3	×	×
nitrogen dioxide	523,9	603,7	453,0	385,7	383,9	343,1	348,4	×	×
nitrogen oxide	×	8,9	10,1	9,6	7,8	4,3	4,5	×	×
carbon oxide	2975,2	2951,9	1971,9	1974,9	2003,6	1792	1869,2	×	×
methane	×	853,0	519,4	456,1	446,8	434,1	460,1	×	×
non-methane volatile organic compounds	×	359,3	225,8	206,5	205,1	182,3	195,2	×	×
particular matters	711,3	594,5	377,4	342,2	336,8	273,5	289,5	×	×
ammonia	×	25,1	18,8	16,8	17,9	17,6	17,6	×	×
Air emissions and greenhouses gases emissions from stationary pollution sources	4464,1	4131,6	2857,4	2508,3	2459,5	2238,6	2242,0	1189,6	1224,2
of which									
sulphur dioxide	1119,5	1206,3	830,3	698,1	676,0	601,0	575,7	336,8	363,1
nitrogen dioxide	343,7	310,5	233,8	215,3	205,1	181,3	174,0	88,4	92,1
nitrogen oxide	7,1	6,8	8,7	8,8	7,0	3,5	3,6	3,2	5,0
carbon oxide	1320,5	1063,8	764,1	744,3	748,4	707,3	704,3	206,7	217,6
methane	811,1	844,8	514,1	451,1	441,7	429,2	454,9	371,4	354,9
non-methane volatile organic compounds	91,1	66,0	47,3	43,7	42,5	40,6	41,1	23,4	24,7
particular matters	697,9	562,1	349,6	317,5	310,3	248,9	262,9	141,7	149,2
ammonia	17,9	25,1	18,8	16,8	17,9	17,6	17,6	14,1	14,1
Air emissions and greenhouses gases emissions from mobile pollution sources²	2151,5	2546,4	1663,9	1612,9	1648,8	1436,7	1546,8	...	...
of which									
sulphur dioxide	13,3	28,9	23,7	18,6	19,8	18,2	19,6	...	...
nitrogen dioxide	180,2	293,2	219,2	170,4	178,8	161,8	174,4	...	...
nitrogen oxide	...	2,1	1,4	0,8	0,8	0,8	0,9	...	...
carbon oxide	1654,7	1888,1	1207,8	1230,6	1255,2	1084,7	1164,9	...	...
methane	...	8,2	5,3	5,0	5,1	4,9	5,2	...	...
non-methane volatile organic compounds	...	293,3	178,5	162,8	162,6	141,7	155,1	...	...
carbon black	13,4	32,4	27,8	24,7	26,5	24,6	26,6	...	...
ammonia	...	0,022	0,011	0,007	0,006	0,007	0,008	...	...
Besides, carbon dioxide emission – total, mln.t	×	198,2	162,0	150,5	147,2	131,9	136,3	×	×
of which									
by stationary pollution sources	152,0	165,0	138,9	126,4	121,3	109,1	111,9	63,4	67,6
by mobile pollution sources ³	...	33,2	23,1	24,1	25,9	22,8	24,4	...	...

¹ Data may be revised

² Since 2018, the data refer to emissions from motor road transport

³ Since 2018, data on carbon dioxide emissions from road transport are presented by the Ministry of Environmental Protection and Natural Resources

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

WASTE

9.5 Main indicators of the I-IV grades of hazard waste generation and management

(thsd.t)

	2010	2015	2018	2019	2020	2021 ¹	2022 ¹
Generation ²	425914,2	312267,6	352333,9	441516,5	462373,5	493271,1	203587,6
including from economic activity	419191,8	306214,3	346790,4	435619,8	456423,8	487724,8	199061,4
Collected	30015,1	22776,0	18700,0	20322,7	20304,1	22301,4	13914,3
Imported	4,1	3,4	89,4	22,0	2,7	5,5	14,8
Recovery	144866,6	92463,7	103658,1	108024,1	100524,6	107622,0	59106,6
Incinerated	1058,6	1134,7	1028,6	1059,0	1008,0	989,5	801,7
Exported	281,3	675,4	190,8	260,6	257,8	36,8	20,1
Waste disposal to landfills	313410,6	152295,0	169523,8	238997,2	275985,3	288606,9	101728,8
Disposal waste during operation at landfills at the end of the year ³ , mln.t	13267,5	12505,9	12972,4	15398,6	15635,3	15923,9	16025,6
per 1 sq.km, t	21984,2	21692,8	22498,9	26706,9	28122,0	...	...

¹ Data may be revised

² Data from economic activity of enterprises and organisations, including wastes received in households

³ 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 For the years 2011–2022, data on waste disposal at landfills.

9.6. Main indicators of the I-III grades of hazard waste generation and management

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021 ¹	2022 ¹
Generation ²	2613,2	2411,8	1659,9	587,3	627,4	553,0	532,0	608,1	230,2
including from economic activity	2613,2	2411,8	1659,8	587,1	625,9	552,6	531,6	607,3	228,1
Collected	56,4	166,0	259,6	119,2	109,1	90,3	104,7	118,4	39,0
Imported	...	6,3	0,0	2,5	2,9	3,6	1,5	2,8	1,6
Recovery	2613,2	2411,8	642,4	314,5	276,5	252,1	228,2	294,4	123,4
Incinerated	...	71,4	16,5	5,8	11,9	10,6	10,6	6,5	6,1
Exported	...	32,3	26,6	1,0	2,6	2,2	0,1	0,1	1,2
Waste disposal to landfills	760,6	948,5	126,8	78,6	114,9	93,3	103,6	90,7	31,3
Disposal waste during operation at landfills at the end of the year ³ , mln.t	26,2	21,7	16,2	12,1	12,2	12,3	12,2	12,3	12,3
per 1 sq.km, t	43,5	35,9	26,9	20,9	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 classes

(thsd.t)

	2010	2015	2018	2019	2020	2021 ¹	2022 ¹
Total	425914,2	312267,6	352333,9	441516,5	462373,5	493271,1	203587,6
including							
I hazard class	5,0	2,0	1,7	1,8	2,0	1,5	0,9
II hazard class	506,6	30,1	30,9	28,4	34,6	36,6	11,3
III hazard class	1148,3	555,2	594,8	522,8	495,4	570,0	218,0
IV hazard class	424254,3	311680,3	351706,5	440963,5	461841,5	492663,0	203357,4

¹ See the first footnote to Table 9.5

9.8. Wastes generation by type of economic activity of enterprises and in households

(thsd.t)

	2015		2020		2022 ¹	
	I-IV hazard classes	of which I-III hazard classes	I-IV hazard classes	of which I-III hazard classes	of which I-III hazard classes	of which I-III hazard classes
All types of economic activity	312267,6	587,3	462373,5	532,0	203587,6	230,2
Agriculture, forestry and fishing	8736,8	93,6	5315,4	25,7	4049,0	46,4
Mining and quarrying	257861,9	37,6	391077,9	30,0	168562,0	17,6
Manufacturing	31000,5	404,5	52311,0	415,4	19497,2	141,9
Electricity, gas, steam and air conditioning supply	6597,5	6,4	5333,7	14,5	2954,0	13,5
Water supply, sewerage, waste management and remediation	594,2	3,6	338,3	14,9	442,0	0,4
water collection, treatment and supply	397,6	0,4	230,8	14,6	268,8	0,2
sewerage, remediation activities	14,6	0,1	94,9	0,0	72,0	0,0
other waste management services	2,0	0,0	2,1	0,0	0,1	0,0
waste collection, treatment and disposal activities; materials recovery	180,0	3,1	10,4	0,2	101,1	0,2
Construction	376,2	1,1	14,5	0,2	10,3	0,1
Other type of economic activity	1047,2	40,3	2033,0	30,9	3546,9	8,2
Households	6053,3	0,2	5949,7	0,4	4526,2	2,1

¹ See the first footnote to Table 9.5

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

9.9. Generation of wastes, by category of materials

(thsd.t)

	2015	2018	2019	2020	2021 ¹	2022 ¹
Total	312267,6	352333,9	441516,5	462373,5	493271,1	203587,6
Spent solvents	31,6	1,2	1,5	2,4	2,2	4,5
Acid, alkaline or saline wastes	384,9	375,4	399,5	392,7	487,3	151,6
Used oils	15,5	14,6	14,4	19,3	17,4	13,4
Chemical wastes	913,4	806,1	620,4	663,2	533,4	168,6
Industrial effluent sludges	3209,9	3630,3	3346,1	3462,1	3258,3	441,2
Sludge and liquid waste from waste treatment	249,8	793,9	792,2	860,6	1035,0	389,7
Health care and biological wastes	0,9	0,7	0,9	1,1	1,5	1,4
Metallic wastes, ferrous	3396,7	3402,2	2801,4	2491,9	2657,9	584,1
Metallic wastes, non-ferrous	30,1	40,6	27,1	24,3	26,0	19,6
Metallic wastes, mixed ferrous and non-ferrous	9,6	34,1	13,7	10,3	14,1	5,9
Glass wastes	22,3	41,9	19,8	21,0	23,6	11,5
Paper and cardboard wastes	111,0	146,4	129,5	140,8	186,9	567,5
Rubber wastes	22,9	21,9	19,5	19,9	22,3	14,3
Plastic wastes	42,9	47,2	50,3	40,8	56,7	63,0
Wood wastes	683,1	829,8	827,9	750,1	697,7	649,8
Textile wastes	8,0	15,9	12,4	21,9	14,2	20,8
Wastes containing polychlorinatediphenyls	0,5	0,2	0,3	0,2	0,2	0,1
Discarded equipment	14,4	9,7	5,9	5,0	6,5	2,5
Discarded vehicles	3,1	1,6	1,2	1,0	10,6	0,2
Batteries and accumulators wastes	7,2	3,8	4,5	4,2	5,0	1,9
Animal and mixed food waste	897,0	607,5	441,0	405,4	353,8	271,2
Vegetal wastes	7742,3	7829,3	8068,6	6101,8	4433,9	3125,7
Animal faeces, urine and manure	4938,0	3233,8	3612,9	3314,7	3268,7	2822,7
Household and similar wastes	6789,2	6211,2	6618,0	6672,0	6483,5	5243,7
Mixed and undifferentiated materials	7380,9	9164,1	9940,3	6906,3	6743,4	1269,1
Sorting residues	35,6	63,6	69,2	35,1	31,4	13,6
Common sludges	397,6	643,5	563,3	334,1	443,7	261,7
Mineral waste from construction and demolition, including mixed construction wastes	897,5	1023,1	919,4	873,2	836,1	313,5
Combustion wastes	13896,0	13553,5	12661,5	10845,7	11560,7	4901,1
Other mineral wastes	235700,2	273157,7	286785,6	404649,4	437015,0	175377,7
Soils	788,2	451,7	1360,6	1332,8	1053,8	643,6
Dredging spoils	23125,1	26126,0	101361,9	11947,5	11965,5	6211,1
Mineral waste from waste treatment and stabilized wastes	522,2	51,4	25,7	22,7	24,8	21,3

¹ See the first footnote to Table 9.5

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

USE OF ENVIRONMENT, ECONOMIC INDICATORS

9.10. Capital investment and current expenditure on environmental protection

	2010	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Capital investment and current expenditure at actual prices, mln. UAH	13128,0	24591,1	34392,3	43735,9	41332,2	44804,9	30572,9	37597,7
including capital investment	2761,5	7675,6	10074,3	16255,7	13239,6	14113,7	6446,0	8284,0
of which capital repair of fixed assets for environmental purposes	498,0	484,9	1214,5	1463,4	1691,2	1743,3	899,4	784,9
current expenditure	10366,5	16915,5	24318,0	27480,2	28092,6	30691,2	24126,9	29313,6
Share of expenditure for environmental protection out of the funds of the state and local budgets, percent								
capital investment	18,2	10,5	13,6	9,7	13,8	16,4	13,5	18,5
current expenditure	3,6	3,1	3,9	4,2	5,2	4,9	4,8	5,2

¹ Data may be revised

9.11. Capital investment on environmental protection, by purpose

(at current prices; mln. UAH)

	2010	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Total	2761,5	7675,6	10074,3	16255,7	13239,6	14113,7	6446,0	8284,0
By purpose								
protection of ambient air and climate	1139,9	1422,9	3505,9	4276,8	5595,3	4891,1	1598,7	1507,6
wastewater management	734,7	848,9	1692,6	1753,9	1578,2	1383,2	743,3	1709,5
waste management	475,6	737,5	1182,1	5754,3	2899,8	3719,6	2795,9	3204,6
protection and remediation of soil, groundwater and surface water	319,9	388,3	1444,3	1721,9	2554,2	2716,8	992,6	1386,0
noise and vibration abatement (excluding workplace protection)	10,7	40,8	60,3	6,9	77,9	56,6	51,4	12,7
protection of biodiversity and landscapes	19,5	22,4	73,4	211,6	371,1	1104,5	194,4	297,4
protection against radiation (excluding external safety)	1,6	4205,0	2036,5	2479,1	142,9	194,0	3,6	142,3
research and development	7,6	2,1	5,7	10,0	9,8	14,6	6,4	11,9
other environmental protection activities	52,0	7,7	73,5	41,2	10,4	33,3	59,7	12,0

¹ See the footnote to Table 9.10

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

9.12. Current expenditure for environmental protection, by purpose

(at current prices; mln. UAH)

	2010	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Total	10366,5	16915,5	24318,0	27480,2	28092,6	30691,2	24126,9	29313,6
By purpose								
protection of ambient air and climate	1314,8	1519,8	2897,7	2963,9	2375,8	3170,1	2357,4	2138,4
wastewater management	5035,4	6644,3	9623,5	10872,7	10746,8	11819,5	10088,8	12223,9
waste management	2599,6	6801,9	8830,2	10227,1	11197,2	11501,1	8963,5	11310,0
protection and remediation of soil, groundwater and surface water	476,3	1152,7	1288,4	1583,9	1577,0	1750,1	931,6	1733,8
noise and vibration abatement (excluding workplace protection)	0,6	67,6	217,8	29,2	400,3	258,2	7,5	3,7
protection of biodiversity and landscapes	236,4	378,4	797,8	959,5	968,0	1138,5	997,2	1000,7
protection against radiation (excluding external safety)	457,8	88,7	130,0	230,7	371,1	520,6	420,8	496,3
research and development	57,6	46,7	118,5	117,0	118,1	116,2	91,2	100,0
other environmental protection activities	188,0	215,4	414,1	496,2	338,3	416,9	268,9	306,8

¹ See the footnote to Table 9.10

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	as a percentage of the previous year		as a percentage of 2021	as a percentage of the previous year
2010	1120585	24429	104,1	104,5	104,5	113,7
2015	1988544	46413	90,2	90,6	89,7	138,9
2018	3560302	84228	103,5	104,0	97,3	115,4
2019	3977198	94633	103,2	103,8	100,4	108,2
2020	4222026	101138	96,2	96,9	96,7	110,3
2021	5450849	131734	103,4	104,4	100,0	124,8
2022	5239114	...	71,2	...	71,2	134,9

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
	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
	2022	1101019	651871	449148	121612	-1783	329319
Mining and quarrying	2010	119911	55837	64074	34536	-5801	35339
	2015	186194	91053	95141	34219	-385	61307
	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
	2022	494581	264702	229879	65980	-15789	179688
Manufacturing	2010	810843	664094	146749	95678	2693	48378
	2015	1206047	969355	236692	132968	6563	97161
	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
	2022	2109028	1710668	398360	266088	-2199	134471
Electricity, gas, steam, and air-conditioning supply	2010	98052	66298	31754	22387	294	9073
	2015	176768	123383	53385	32641	-3649	24393
	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
	2022	814943	585036	229907	103914	-2551	128544

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
	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
	2022	60872	44709	16163	21432	-772	-4497
Construction	2010	137118	100470	36648	18028	547	18073
	2015	188595	149667	38928	20060	1612	17256
	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
	2022	397292	327993	69299	44744	794	23761
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	295912	133741	162171	68291	3503	90377
	2015	549163	275174	273989	101419	3969	168601
	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
	2022	1356840	711385	645455	300951	5322	339182
Transport and storage, postal and courier activities	2010	169526	82257	87269	46914	848	39507
	2015	295634	160656	134978	73271	1289	60418
	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
	2022	546472	319756	226716	153022	-9644	83338
Accommodation and food service activities	2010	22579	12474	10105	5250	213	4642
	2015	25458	13512	11946	5858	310	5778
	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
	2022	58082	28025	30057	9814	1106	19137
Information and communication	2010	69614	35966	33648	17432	-342	16558
	2015	142223	69627	72596	26268	2856	43472
	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
	2022	422675	215964	206711	74812	3956	127943

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
Financial and insurance activities	2010	100995	38386	62609	28408	786	33415
	2015	107764	40252	67512	26996	1769	38747
	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
	2022	228543	72178	156365	69026	2865	84474
Real estate activities	2010	93713	33693	60020	10643	389	48988
	2015	176078	53057	123021	15976	742	106303
	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
	2022	337740	101665	236075	39140	999	195936
Professional, scientific and technical activities	2010	55207	27454	27753	17687	502	9564
	2015	107124	51335	55789	29001	1605	25183
	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
	2022	200600	101306	99294	60950	-4267	42611
Administrative and support service activities	2010	25492	13256	12236	6824	106	5306
	2015	43370	21746	21624	14724	789	6111
	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
	2022	111681	57882	53799	41960	926	10913
Public administration and defence, compulsory social security	2010	74783	21329	53454	49052	62	4340
	2015	147578	52493	95085	86329	118	8638
	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
	2022	1560654	423717	1136937	1031741	87	105109
Education	2010	84197	28471	55726	50577	96	5053
	2015	119928	37150	82778	74753	130	7895
	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
	2022	307797	84935	222862	198375	208	24279

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
Human health and social work activities	2010	63527	22070	41457	35515	-375	6317
	2015	88636	37156	51480	43041	339	8100
	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
	2022	297192	146762	150430	147038	253	3139
Arts, entertainment and recreation	2010	10459	4068	6391	5225	-539	1705
	2015	20436	8079	12357	10181	-2328	4504
	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
	2022	39640	13527	26113	24003	-4194	6304
Other services	2010	13787	4821	8966	3331	280	5355
	2015	22475	8119	14356	6782	505	7069
	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
	2022	65719	23097	42622	19741	964	21917
Total (at basic prices)	2010	2466423	1474248	992175	540651	2929	448595
	2015	4189241	2499854	1689387	777646	16754	894987
	2018	7494615	4476719	3017896	1472321	5225	1540350
	2019	8371797	4950169	3421628	1732773	8164	1680691
	2020	8696582	5069857	3626725	1843057	-1462	1785130
	2021	11410255	6725529	4684726	2231206	-23634	2477154
	2022	10511370	5885178	4626192	2794343	-23719	1855568
Taxes, less subsidies on products	2010	128410	x	128410	x	128410	x
	2015	299157	x	299157	x	299157	x
	2018	542406	x	542406	x	542406	x
	2019	555570	x	555570	x	555570	x
	2020	595301	x	595301	x	595301	x
	2021	766123	x	766123	x	766123	x
	2022	612922	x	612922	x	612922	x
Gross domestic product	2010	2594833	1474248	1120585	540651	131339	448595
	2015	4488398	2499854	1988544	777646	315911	894987
	2018	8037021	4476719	3560302	1472321	547631	1540350
	2019	8927367	4950169	3977198	1732773	563734	1680691
	2020	9291883	5069857	4222026	1843057	593839	1785130
	2021	12176378	6725529	5450849	2231206	742489	2477154
	2022	11124292	5885178	5239114	2794343	589203	1855568

NATIONAL ACCOUNTS

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

(at current prices; percent)

	2010	2015	2018	2019	2020	2021	2022
Agriculture, forestry and fishing	7,4	12,1	10,1	9,0	9,3	10,9	8,6
Mining and quarrying	5,7	4,8	6,0	5,6	4,6	6,4	4,4
Manufacturing	13,0	11,9	11,5	10,8	10,1	10,3	7,6
Electricity, gas, steam, and air-conditioning supply	2,8	2,7	3,1	3,1	2,9	3,3	4,4
Water supply, sewerage, waste management and remediation	0,7	0,4	0,3	0,4	0,4	0,4	0,3
Construction	3,3	1,9	2,3	2,7	2,8	2,8	1,3
Wholesale and retail trade; repair of motor vehicles and motorcycles	14,5	13,8	13,2	13,2	13,9	13,6	12,3
Transport and storage, postal and courier activities	7,8	6,8	6,4	6,6	6,2	5,4	4,3
Accommodation and food service activities	0,9	0,6	0,7	0,9	0,7	0,9	0,6
Information and communication	3,0	3,6	3,9	4,6	5,0	4,7	3,9
Financial and insurance activities	5,6	3,4	2,8	2,9	3,1	3,0	3,0
Real estate activities	5,3	6,2	5,8	6,1	6,4	5,8	4,5
Professional, scientific and technical activities	2,5	2,8	3,2	3,5	3,2	2,9	1,9
Administrative and support service activities	1,1	1,1	1,4	1,6	1,4	1,2	1,0
Public administration and defence, compulsory social security	4,8	4,8	6,0	6,7	7,3	6,2	21,7
Education	5,0	4,2	4,5	4,3	4,4	4,3	4,3
Human health and social work activities	3,7	2,6	2,2	2,4	2,7	2,5	2,9
Arts, entertainment and recreation	0,6	0,6	0,6	0,6	0,6	0,6	0,5
Other services	0,8	0,7	0,8	1,0	0,9	0,8	0,8
Total (at basic prices)	88,5	85,0	84,8	86,0	85,9	86,0	88,3
Taxes on products	11,7	15,2	15,4	14,2	14,4	14,3	12,1
Subsidies on products	-0,2	-0,2	-0,2	-0,2	-0,3	-0,3	-0,4
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	2018	2019	2020	2021	2022
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	41,4	43,6	43,7	40,9	53,3
Taxes less subsidies on production and imports	11,8	15,9	15,3	14,2	14,0	13,7	11,3
on products	11,5	15,0	15,2	14,0	14,1	14,1	11,7
other, related to production	0,3	0,9	0,1	0,2	-0,1	-0,4	-0,4
Gross operating surplus, mixed income	40,0	45,0	43,3	42,2	42,3	45,4	35,4

NATIONAL ACCOUNTS

10.5. GDP, by category of final use

(at current prices)

	2010	2015	2018	2019	2020	2021	2022
Mln. UAH							
Gross domestic product	1120585	1988544	3560302	3977198	4222026	5450849	5239114
Final consumption expenditure	946270	1723629	3209292	3705058	3908788	4734271	5469268
households	717509	1331526	2438778	2918278	3053971	3717848	3283856
Non-profit institutions serving households	8379	15788	30977	39841	40173	49324	98340
general government	220382	376315	739537	746939	814644	967099	2087072
individual consumption expenditure	143663	220859	415216	398874	426402	538253	...
collective consumption expenditure	76719	155456	324321	348065	388242	428846	...
Gross fixed capital formation	201887	269422	628296	700617	564315	719771	621856
Changes in inventories	3616	47231	32721	-109898	-188638	67284	11357
Acquisition, less disposal of valuables	375	188	784	1500	1447	1544	1416
Exports of goods and services	520585	1045928	1610511	1639866	1639060	2217860	1857010
Imports of goods and services	-552148	-1097854	-1921302	-1959945	-1702946	-2289881	-2721793
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	90,2	93,2	92,6	86,8	104,4
households	64,0	67,0	68,5	73,4	72,3	68,2	62,7
Non-profit institutions serving households	0,7	0,8	0,9	1,0	1,0	0,9	1,9
general government	19,7	18,9	20,8	18,8	19,3	17,7	39,8
individual consumption expenditure	12,8	11,1	11,7	10,0	10,1	9,8	...
collective consumption expenditure	6,9	7,8	9,1	8,8	9,2	7,9	...
Gross fixed capital formation	18,1	13,5	17,7	17,6	13,4	13,2	11,9
Changes in inventories	0,3	2,4	0,9	-2,7	-4,5	1,2	0,2
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	45,2	41,2	38,8	40,7	35,4
Imports of goods and services	-49,3	-55,2	-54,0	-49,3	-40,3	-41,9	-51,9

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 Ukraine

(mln. UAH)

	2005	2010	2015	2019	2020	2021	2022	2023
Revenue	134183,2	314506,3¹	652031,0	1289849,2	1376673,8	1662333,6	2196634,6	3104819,5
Tax revenues	98065,2	234447,7	507635,9	1070321,8	1136687,2	1453804,1	11343225,0	1638085,0
Non-tax revenues	31778,0	73837,0	140154,4	212858,5	234421,6	202591,8	368730,2	1028082,7
Revenues from capital transactions	2803,9	3143,2	1799,5	3111,9	3552,5	3790,9	2887,0	3722,2
From the European Union, governments of foreign countries, international organisations, donor institutions	182,5	305,6	1882,2	1184,2	1176,0	1366,0	481314,0	434145,8
Earmarked funds	1353,6	2772,7	558,9	2372,8	836,4	780,8	478,5	783,9
Expenditure	141698,8	377842,8	679871,4	1372350,6	1595395,9	1845367,4	3043871,4	44441364,6
Public administration including debt servicing	15480,9	44902,5	117642,4	203109,2	204819,6	252752,4	248475,9	349119,2
Defence	6041,0	11347,1	52015,8	106627,8	120374,1	127527,0	1143163,6	2097621,9
Law enforcement, security and judiciary	10226,8	28825,6	54963,0	143694,4	159509,6	176149,9	454457,0	591579,7
Economic activity	19115,1	43832,4	56257,3	154218,0	262916,6	293637,3	156484,3	247579,3
Environment protection	1252,5	2872,4	5529,7	9731,1	9056,6	10620,6	5226,7	6396,0
Housing and utilities	3914,2	5431,3	15700,4	34490,0	32214,5	56935,6	41160,1	70400,5
Health care	15476,5	44745,4	71001,1	128384,6	175789,7	204121,8	215275,8	217419,4
Intellectual and physical development	3449,8	11525,4	16228,3	31550,1	31710,9	43358,4	33678,8	38473,0
Education	26801,8	79826,0	114193,5	238758,7	252283,7	312917,9	290761,0	308643,8
Social protection and social security	39940,2	104534,9	176339,8	321786,7	346720,5	367346,6	455188,1	514131,8
Lending	290,7	1348,4	3057,8	4762,7	5736,8	4775,7	-2242,5	-5082,5
Excess of expenditure over revenue (deficit)	7806,3	64684,9	30898,2	87264,2	224458,8	187809,5	844994,3	1331462,5

¹ 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

GOVERNMENT FINANCE AND CREDIT

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

(mln. UAH)

	2005	2010	2015	2019	2020	2021	2022	2023
Excess of expenditure over revenue (deficit)	7945,7	64265,5¹	45167,5	80993,7	217611,0	198843,8	914868,0	1336872,6
Deficit financing sources								
Domestic financing	6997,5	17007,2	-64522,7	85005,3	121822,1	83431,5	349295,1	251994,9
External financing	948,2	47258,3	109690,2	-4011,6	95788,9	115412,3	565573,0	1084877,7

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			
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			
2023	3104819,5	2629565,9	84,7	475253,6	15,3			
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			
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			
2023	1638085,0	1203544,1	73,5	434540,9	26,5			
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			
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			
2023	496343,0	206944,8	41,7	289398,2	58,3			

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
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
2023	159290,4	143837,1	90,3	15453,3	9,7
VAT					
2005	33803,8	33803,8	100,0	—	—
2010 ¹	86315,9	86315,9	100,0	—	—
2015	178452,4	178452,4	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	—	—
2023	580797,3	580797,3	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
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
2023	189745,9	167346,6	88,2	22399,3	11,8
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
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
2023	1028082,7	991541,6 ²	96,4	36541,1	3,6
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
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 ³	99,4	2841,5	0,6
2023	438651,8	434480,2 ³	99,0	4171,6	1,0
Expenditure					
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
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
2023	4441364,6	3837427,8	86,4	603936,9	13,6

¹ See the first footnote to Table 11.1

² Increasing the volume of own revenues of budgetary institutions

³ Increase in revenues from the European Union, foreign governments, international organizations, donor institutions

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
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
2023	349119,2	296113,8	84,8	53005,4	15,2
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
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
2023	249371,1	247622,4	99,3	1748,7	0,7
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
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	—	—
2023	2097621,9	2097621,9	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
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
2023	591579,7	574762,4	97,2	16817,3	2,8
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
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
2023	247579,3	134590,6	54,4	112988,7	45,6
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
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
2023	6396,0	5202,6	81,3	1193,4	18,7

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
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
2023	70400,5	8369,4	11,9	62031,1	88,1
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
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
2023	217419,4	179258,1	82,4	38161,3	17,6
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
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
2023	38473,0	11817,7	30,7	26655,3	69,3
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
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
2023	308643,8	60440,1	19,6	248203,7	80,4
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
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
2023	514131,8	469251,2	91,3	44880,6	8,7
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
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
2023	-5082,5	-5459,1	107,4	376,6	-7,4

GOVERNMENT FINANCE AND CREDIT

11.4. Monetary aggregates^{1,2}

(end of year; mln. UAH)

	2005	2010	2015	2019	2020	2021	2022	2023
Money circulating beyond banks (M0)	60231	182990	282673	384366	516085	581011	666073	716167
Monetary aggregate (M1)	98573	289894	472217	770043	1050051	1281238	1571360	1863183
Monetary aggregate (M2)	193145	596841	993812	1435221	1847363	2069606	2500502	3076433
Monetary aggregate (M3)	194071	597872	994062	1438311	1850007	2071358	2501621	3077185

¹ Here and elsewhere (Tables 11.5–11.7) based on data from the National Bank of Ukraine

² 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	2019	2020	2021	2022	2023
Total	143423	732823	981627	971871	948386	1044049	1007648	997877
in currency								
national	81279	395504	433826	613708	600474	742368	728203	732131
foreign	62144	337319	547802	358162	347912	301682	279444	265746

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	2019	2020	2021	2022	2023
1 pounds sterling	9,34	12,27	33,40	33,00	34,59	37,55	39,86	45,47
1 US dollars	5,12	7,94	21,84	25,85	26,96	27,29	32,34	36,57
1 euros	6,39	10,53	24,23	28,95	30,79	32,31	33,98	39,56
10 yen	0,47	0,91	1,80	2,37	2,53	2,49	2,46	2,61
1 SDRs (special drawing rights)	7,58	12,11	30,56	35,72	37,57	38,88	43,19	48,80
10 russian rubles	1,81	2,61	3,62	3,99	3,74	3,70	4,93	4,34

11.7. Deposits by households, held with deposit-taking corporations (banks)

(end of year; mln. UAH)

	2005	2010	2015	2019	2020	2021	2022	2023
Total	74778	275093	410895	576126	730317	794152	1045731	1228546
in currency								
national	43688	142924	198876	339168	433417	506980	653343	795493
foreign	31090	132169	212019	236958	296901	287172	392388	433053

12. PRICES

Consumer price index (inflation) is an indicator of changes over time in prices and tariffs for goods and services purchased by the population for unproductive consumption. The CPI is calculated on the basis of data on changes in prices (tariffs) obtained through monthly registration of prices (tariffs) in the consumer market, and national accounts data on household final consumption expenditures for the country as a whole using detailed data on the structure of actual consumer monetary expenditures 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.

Construction price index 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 dwellings, non-residential dwellings and engineering buildings).

PRICES

12.1. Price indices

(to previous year; percent)

	2005	2010	2015	2018	2019	2020	2021	2022	2023
Consumer price index	113,5	109,4	148,7	110,9	107,9	102,7	109,4	120,2	112,9
Industrial producer price index	116,7	120,9	136,0	117,4	104,1	98,4	140,8	147,3	124,2
Price index for agricultural products sold by agricultural enterprises	108,1	130,0	154,5	109,3	92,4	119,2	136,0	101,2	92,4
Construction price index	125,6	115,8	127,1	123,0	106,0	103,7	117,5	127,4	115,8

12.2. Consumer and producer price indices

(Dec. to Dec. of previous year; percent)

	2005	2010	2015	2018	2019	2020	2021	2022	2023
Consumer price index	110,3	109,1	143,3	109,8	104,1	105,0	110,0	126,6	105,1
Core inflation	...	107,9	134,7	108,7	103,9	104,5	107,9	122,6	104,9
Industrial producer price index	109,5	118,7	125,4	114,2	92,6	114,5	162,2	138,2	116,2
Construction price index	126,0	118,9	122,7	119,1	100,7	109,6	120,5	129,1	110,6

PRICES

12.3. Consumer prices indices for the main groups of goods and services

(percent)

	2010	2015	2020	2022	2023	2010	2015	2020	2022	2023
	Dec. to Dec. of previous year					to previous year				
Food and non-alcoholic beverages	110,6	141,5	104,9	134,4	104,0	110,9	145,9	102,7	126,6	114,7
Food	110,7	140,1	105,2	134,4	103,7	110,7	144,4	102,9	127,1	114,3
bread and cereals	116,5	144,6	109,7	130,3	97,2	112,3	160,6	108,6	129,7	106,7
bread	111,3	145,7	108,5	122,1	107,0	110,2	154,8	106,4	122,4	112,2
pasta products	111,0	143,6	106,5	127,9	99,7	107,1	154,1	103,5	124,9	108,4
meat	104,1	122,5	100,8	124,6	112,4	102,0	131,3	99,9	118,8	119,4
fish	104,2	142,4	103,8	145,8	104,1	105,1	160,2	102,4	130,3	119,4
milk, cheese and eggs	116,0	133,5	108,0	132,8	104,3	121,9	128,5	104,7	119,6	118,0
oil and fats	108,1	141,5	108,8	129,9	98,6	109,6	145,5	102,6	123,6	109,9
fruit	109,3	148,2	112,9	173,8	102,2	105,1	172,4	122,2	127,7	119,8
vegetables	120,9	166,7	87,9	151,8	103,0	114,5	130,8	83,4	168,5	109,6
sugar	120,3	169,8	147,7	131,0	94,2	157,5	136,0	109,7	123,2	111,0
Non-alcoholic beverages	105,7	157,8	102,0	136,7	106,9	109,1	166,1	101,8	121,0	120,4
Alcoholic beverages, tobacco	122,1	122,7	109,2	122,7	109,6	125,6	133,2	110,7	117,4	114,6
Clothing and footwear	102,2	135,0	92,7	102,4	93,7	103,7	133,1	95,4	97,3	99,5
garments	102,3	133,2	92,8	101,3	93,1	103,6	131,1	95,8	96,5	98,3
footwear	102,5	137,8	92,5	103,2	94,2	104,1	136,4	94,8	97,4	100,8
Housing, water, electricity, gas and other fuels	113,8	203,0	113,6	106,0	112,8	109,4	215,8	97,0	105,1	110,0
water supply	106,4	123,0	118,5	112,0	100,8	112,9	138,7	121,8	112,5	100,9
sewerage collection	107,1	122,5	116,5	114,9	100,7	116,9	146,5	118,8	115,5	100,7
apartment building management services	104,4	105,4	102,7	103,2	103,0	112,6	105,0	104,5	106,2	102,4
electricity	100,0	166,9	100,0	100,0	169,7	100,0	142,3	100,0	94,3	140,7
town gas and natural gas	150,1	373,0	156,3	99,7	100,0	120,9	453,2	81,2	110,1	99,9
hot water, central heating	106,2	178,4	97,8	100,2	100,0	105,6	161,1	91,5	100,4	100,0
Furnishings, household equipment and routine maintenance of the house	101,2	136,0	100,5	126,5	100,7	103,2	145,9	99,3	116,1	112,7
Health	105,8	129,1	107,7	119,9	108,7	107,9	137,6	105,3	114,5	112,8
Transport	106,6	120,4	102,7	142,9	103,2	109,6	136,8	98,1	131,8	112,1
fuels and lubricants	113,9	112,5	89,5	169,4	102,7	118,3	134,5	84,0	156,2	109,2
transport services	105,0	127,0	103,9	128,1	106,3	108,1	132,2	104,4	126,8	111,5
passenger transport by railway	100,0	109,0	106,1	104,7	99,6	105,3	118,7	107,2	110,7	103,3
passenger transport by road	105,8	130,6	103,0	130,3	106,8	108,4	134,5	104,3	130,1	112,3
Communication	91,1	107,0	104,1	113,4	101,5	93,6	105,9	106,5	110,9	107,8
Recreation and culture	102,5	137,9	100,1	115,9	98,9	104,0	142,7	98,2	110,9	107,3
Education	110,3	124,2	113,9	109,8	112,8	113,1	117,9	113,6	114,1	110,7
Restaurants and hotels	107,4	123,3	103,7	122,5	113,0	107,4	124,3	105,9	116,1	118,5
Miscellaneous goods and services	108,7	131,4	106,0	117,8	111,3	109,2	138,6	106,4	114,0	115,6

PRICES

12.4. Consumer price indices, by region*(percent)*

	2010	2015	2020	2022	2023	2010	2015	2020	2022	2023
	Dec. to Dec. of previous year					to previous year				
Ukraine	109,1	143,3	105,0	126,6	105,1	109,4	148,7	102,7	120,2	112,9
Autonomous Republic of Crimea	109,6	...	...	...	...	110,7	...	...	...	...
oblasts										
Vinnnytsya	107,0	138,8	102,9	124,3	104,4	108,0	146,2	100,7	117,8	112,1
Volyn	108,1	143,3	105,8	127,0	105,8	108,0	150,5	103,8	119,9	113,5
Dnipropetrovsk	109,3	142,6	104,5	125,3	104,7	109,8	149,8	102,3	118,9	112,7
Donetsk	110,3	146,9	105,2	126,9	105,1	109,9	146,1	103,6	120,3	113,1
Zhytomyr	108,9	143,7	104,6	125,4	105,3	109,3	151,1	102,0	118,6	113,2
Zakarpattya	108,5	144,0	105,7	127,7	105,8	109,0	151,0	104,0	121,2	113,5
Zaporizhzhya	109,7	142,1	104,2	124,1	105,9	110,3	148,5	101,6	118,3	112,2
Ivano-Frankivsk	108,3	143,4	105,6	126,3	105,1	108,3	150,4	103,3	120,2	113,0
Kyiv	107,9	144,3	105,2	126,8	105,3	108,3	150,4	102,5	120,0	113,4
Kirovohrad	108,5	141,3	105,3	127,6	105,4	108,2	146,7	102,3	120,5	113,6
Luhansk	110,5	138,8	105,0	124,9	105,3	109,9	143,8	102,6	119,2	112,8
Lviv	109,7	145,2	105,3	126,4	105,0	110,5	152,5	103,0	119,2	113,1
Mykolayiv	110,0	143,5	104,9	125,9	105,4	110,0	149,0	102,6	120,6	112,5
Odesa	110,5	144,6	104,4	125,2	104,0	111,2	151,6	102,0	119,0	112,9
Poltava	108,4	145,0	103,7	126,6	104,3	109,2	149,2	102,3	119,7	112,3
Rivne	108,3	144,9	105,3	125,4	104,9	108,5	151,8	103,1	118,2	113,2
Sumy	108,9	145,5	104,8	128,2	104,5	109,1	150,4	102,5	122,1	112,3
Ternopyl	108,5	145,1	103,7	125,4	104,4	108,1	151,7	102,1	118,6	112,5
Kharkiv	109,0	144,2	105,2	125,3	105,5	109,5	149,9	103,2	120,1	112,4
Kherson	110,6	145,8	105,6	142,3	101,7	109,8	150,1	102,5	133,8	110,5
Khmelnyskiy	109,6	142,5	104,9	125,9	106,3	110,2	148,5	103,3	119,3	113,7
Cherkasy	109,0	143,8	105,9	125,4	105,3	108,9	149,6	102,8	119,8	112,6
Chernivtsi	108,2	142,0	105,5	125,9	105,1	108,1	148,6	103,0	119,2	112,2
Chernihiv	109,5	145,6	105,2	128,4	104,7	108,9	152,7	103,1	122,1	112,4
cities										
Kyiv	109,8	138,6	105,8	127,4	106,3	110,0	143,9	103,1	120,6	113,6
Sevastopol	112,8	...	...	...	...	112,5	...	...	...	...

PRICES

12.5. Consumer price indices

	Consumer price indices	Of				
		food and non-alcoholic beverages	alcoholic beverages, tobacco	clothing and footwear	housing, water, electricity, gas and other fuels	furnishings, household equipment and routine maintenance of the house
Ukraine	105,1	104,0	109,6	93,7	112,8	100,7
Autonomous Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnnytsya	104,4	103,2	109,6	89,7	112,5	97,7
Volyn	105,8	104,6	110,2	92,7	113,7	100,6
Dnipropetrovsk	104,7	103,4	109,2	92,7	112,8	97,4
Donetsk	105,1	104,3	109,7	93,8	110,9	100,7
Zhytomyr	105,3	102,9	107,4	100,4	114,0	102,9
Zakarpattya	105,8	105,5	110,6	99,3	112,1	100,9
Zaporizhzhya	105,9	104,7	108,2	93,3	116,2	96,5
Ivano-Frankivsk	105,1	103,3	109,6	99,0	114,3	101,9
Kyiv	105,3	102,7	112,3	106,5	112,9	101,5
Kirovohrad	105,4	104,5	108,6	89,5	112,4	102,9
Luhansk	105,3	104,5	109,6	94,0	111,0	100,7
Lviv	105,0	104,3	110,0	93,8	111,2	98,8
Mykolayiv	105,4	104,8	111,0	98,3	114,7	98,6
Odesa	104,0	102,6	107,0	88,0	116,4	97,9
Poltava	104,3	104,2	107,4	91,9	110,0	100,0
Rivne	104,9	102,4	109,8	97,1	113,4	106,1
Sumy	104,5	103,1	109,2	89,4	110,9	99,2
Ternopyl	104,4	103,0	111,0	93,2	110,6	100,7
Kharkiv	105,5	103,8	109,7	103,9	109,9	102,5
Kherson	101,7	97,7	109,3	98,2	116,9	107,0
Khmelnyskiy	106,3	105,0	113,0	103,2	111,9	105,0
Cherkasy	105,3	102,9	109,3	93,6	115,3	101,7
Chernivtsi	105,1	102,9	111,7	100,7	113,8	104,4
Chernihiv	104,7	103,7	106,4	102,3	113,8	98,0
cities						
Kyiv	106,3	107,0	110,1	77,4	112,2	102,3
Sevastopol	...	...	...	...	...	...

PRICES

in 2023, by region

(Dec. to Dec. of previous year; percent)

which						
health	transport	communication	recreation and culture	education	restaurants and hotels	miscellaneous goods and services
108,7	103,2	101,5	98,9	112,8	113,0	111,3
...
107,6	100,6	102,8	99,9	109,9	109,0	111,3
115,5	101,7	102,6	100,0	108,6	115,8	111,7
108,7	103,2	99,2	99,5	113,8	111,9	113,7
108,5	103,7	101,3	98,6	110,1	113,1	110,5
111,3	101,3	101,6	99,8	109,1	108,7	124,2
111,1	101,0	102,0	97,5	113,5	117,3	108,0
107,3	104,8	100,6	102,9	113,7	110,4	114,6
110,0	101,7	102,8	99,9	117,3	117,1	110,0
107,0	104,4	103,6	99,0	121,1	112,6	108,3
107,1	103,0	102,9	100,8	108,4	118,1	109,1
108,4	103,8	101,4	98,5	110,1	113,1	110,8
109,8	102,8	100,7	96,3	118,3	116,0	109,2
108,9	100,6	99,4	97,8	110,7	113,3	114,1
106,5	100,8	103,4	95,5	115,0	112,7	118,0
105,1	102,2	99,4	96,4	109,7	112,3	105,0
109,9	102,1	101,7	99,3	114,2	116,6	111,5
109,6	105,8	100,3	96,7	117,7	115,1	105,2
109,2	101,5	102,5	100,8	113,4	111,6	107,2
107,7	106,1	101,5	97,7	107,1	112,7	113,4
107,4	104,0	101,0	101,6	95,8	108,5	104,6
109,4	101,7	105,3	102,4	109,8	113,6	108,6
112,3	102,4	102,4	97,8	118,7	114,1	116,9
109,5	101,1	102,9	101,2	118,4	102,4	113,8
109,2	101,6	99,1	99,2	115,9	109,2	107,8
106,9	107,5	101,2	98,0	112,9	114,5	110,8
...

PRICES

12.6. Industrial producer price indices, by type of activity

(percent)

	2015	2020	2022	2023	2015	2020	2022	2023
	Dec. to Dec. of previous year				to previous year			
Industry	125,4	114,5	138,2	116,2	136,0	98,4	147,3	124,2
Mining and quarrying	117,6	129,5	164,7	114,9	134,8	84,7	144,2	133,0
Mining of hard coal	99,2	92,7	180,3	108,1	126,0	71,9	229,9	158,1
Extraction of crude petroleum and natural gas	220,3	128,6	171,0	116,1	211,7	71,7	189,5	132,0
Mining of metal ores	91,1	144,6	136,8	117,7	110,7	94,9	85,6	111,2
Manufacturing	123,8	115,7	126,5	108,2	136,7	101,6	125,5	115,2
including								
Manufacture of food products, beverages and tobacco products	136,4	121,9	124,2	107,2	142,5	109,2	119,0	115,6
Manufacture of textiles, apparel, leather and related products	126,7	104,7	127,5	110,8	133,2	103,4	116,4	119,6
Manufacture of wood and paper products, and printing	134,0	110,5	132,7	103,5	149,1	101,4	131,7	112,6
Manufacture of coke, and refined petroleum products	104,7	101,8	144,7	109,0	130,8	84,7	166,7	109,0
Manufacture of chemicals and chemical products	124,2	120,9	125,4	104,4	149,2	102,9	144,1	112,0
Manufacture of basic pharmaceutical products and pharmaceutical preparations	131,5	110,4	115,7	113,3	133,0	109,5	114,3	114,8
Manufacture of rubber and plastics products, and other non-metallic mineral products	129,6	104,1	134,6	113,0	137,5	101,7	133,5	122,3
Manufacture of basic metals and fabricated metal products, except machinery and equipment	112,4	125,2	123,8	106,0	135,3	96,1	123,9	113,0
Manufacture of computer, electronic and optical products	133,3	101,8	111,5	107,1	138,3	101,1	107,9	110,0
Manufacture of electrical equipment	121,6	104,4	130,3	103,2	134,1	91,1	125,1	113,8
Manufacture of machinery and equipment n.e.c.	128,2	101,8	125,9	120,1	127,0	100,5	123,3	125,0
Manufacture of transport equipment	115,5	101,2	117,0	104,9	113,4	101,2	120,9	109,5
Electricity, gas, steam and air conditioning supply	133,2	103,9	137,5	123,7	134,4	96,3	194,5	135,5

PRICES

12.7. Producer price indices, by selected consumer goods

(Dec. to Dec. of previous year; percent)

	2015	2018	2019	2020	2021	2022	2023
Meat of bovine animals, fresh or chilled	123,5	101,2	98,9	110,8	126,1	96,8	134,2
Meat of swine, fresh or chilled	116,2	101,4	101,6	93,7	116,3	135,7	121,6
Meat of poultry, fresh or chilled	124,3	99,2	95,4	101,0	117,0	114,8	110,0
Durable sausage products	120,1	110,8	106,7	104,3	122,3	122,5	114,1
Sunflower-seed oil and its fractions, refined but not chemically modified	145,0	90,2	91,7	185,1	114,5	123,8	93,8
Processed liquid milk	122,3	109,4	108,8	109,2	116,3	121,6	114,9
Butter of a fat content by weight ≤ 85%	129,5	110,3	106,8	108,9	118,4	124,6	120,8
Cheese	138,3	107,7	107,1	101,8	128,0	123,0	111,4
Wheat or maslin flour	118,7	119,2	90,3	135,9	122,0	91,8	94,7
Macaroni, noodles and similar farinaceous products	129,7	122,9	108,0	111,8	115,3	122,2	115,4
Refined white beet sugar in solid form	169,7	92,9	96,2	159,5	122,9	151,4	89,7
Vodka of an alcoholic strength by volume of ≤ 45,4%	142,1	127,2	104,9	99,2	107,4	116,1	108,0
Bed linen	135,0	108,5	107,4	100,6	102,8	116,6	127,5
Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear	115,2	101,2	100,5	101,6	102,6	97,4	105,7
Kitchen furniture	140,2	109,9	96,0	110,8	126,1	137,6	110,2

PRICES

12.8. Price indices for agricultural products sold by agricultural enterprises

(percent of the previous year)

	2005	2010	2015	2018	2019	2020	2021	2022	2023
Agricultural production	108,1	130,0	154,5	109,3	92,4	119,2	136,0	101,2	92,4
Crop output	95,5	139,8	167,2	109,8	91,2	122,9	138,0	98,1	87,0
Grain crops	91,8	140,3	156,6	116,2	91,4	121,1	131,5	98,7	87,3
Oil crops	84,6	142,6	182,8	102,9	88,8	126,6	146,8	93,9	85,3
Sugar beets	130,3	115,4	160,5	89,5	101,5	114,8	134,2	133,3	103,0
Potatoes	126,8	164,3	79,9	108,7	144,9	94,6	98,0	88,1	120,6
Vegetables	125,6	143,0	142,7	104,3	117,0	82,1	117,9	184,3	123,3
Fruit and berries	133,6	118,0	163,7	72,5	100,4	127,5	94,0	91,4	178,0
Grapes	140,6	138,0	194,2	89,5	90,0	124,5	113,6	101,2	105,0
Cucurbitaceous crops	202,5	113,1	101,0	105,2	109,8	126,5	131,6	271,9	85,2
Livestock product	129,5	114,3	141,3	108,6	96,8	103,0	120,0	116,2	116,2
Livestock animals	134,8	104,2	138,6	104,4	97,8	99,1	115,7	121,4	115,5
Milk	134,3	155,5	120,8	104,6	107,5	107,9	116,2	106,0	111,3
Eggs	105,5	116,3	167,5	127,0	76,7	102,7	139,6	122,5	122,9
Wool	128,0	120,7	190,7	98,8	100,3	40,1	81,0	76,7	100,5

12.9. Construction price indices

(percent)

	2010	2015	2020	2022	2023	2010	2015	2020	2022	2023
	Dec. to Dec. of previous year					to previous year				
Total	118,9	122,7	109,6	129,1	110,6	115,8	127,1	103,7	127,4	115,8
Dwellings	116,5	122,9	106,7	128,6	110,5	114,2	125,7	103,0	128,3	115,7
residential dwellings	116,6	124,6	107,4	127,1	111,3	113,5	124,2	104,8	127,8	116,3
non-residential dwellings	116,5	121,5	106,1	129,3	110,1	115,0	128,2	101,3	128,3	115,5
Engineering buildings	122,7	122,0	114,3	129,6	110,7	118,3	129,7	104,7	126,1	115,8
transport infrastructure	125,3	121,9	103,4	138,9	119,8	119,3	130,6	101,0	142,9	126,8
pipelines, communications and electricity lines	117,5	131,6	106,4	127,4	107,4	119,6	134,2	100,9	124,9	113,0
complex industrial buildings	126,5	114,9	131,6	127,1	107,4	117,9	123,0	113,4	121,3	111,3
other engineering buildings	115,4	115,4	108,0	120,8	111,5	113,0	131,9	98,5	120,1	114,6

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)

	2022	2023	2024
Ukraine	1437009	1464953	1495879
Autonomous Republic of Crimea	...	...	...
oblasts			
Vinnnytsya	34318	35069	35917
Volyn	23627	24388	25218
Dnipropetrovsk	106275	108409	111210
Donetsk	93171	92514	92016
Zhytomyr	32670	33313	33869
Zakarpattya	25016	25859	26774
Zaporizhzhya	50432	50958	51549
Ivano-Frankivsk	30205	31063	31778
Kyiv	75654	77436	79687
Kirovohrad	26002	26369	26755
Luhansk	41445	41198	40966
Lviv	77475	80456	82972
Mykolayiv	51058	51450	52071
Odesa	89692	91547	93542
Poltava	35113	35665	36230
Rivne	24503	25089	25844
Sumy	25244	25480	25758
Ternopil	23152	23719	24310
Kharkiv	86327	87589	89091
Kherson	29574	29303	29359
Khmelnyskiy	31030	31754	32289
Cherkasy	30249	30657	31129
Chernivtsi	16584	17140	17674
Chernihiv	23291	23556	23734
cities			
Kyiv	354902	364972	376137
Sevastopol	...	...	...

THE REGISTER OF STATISTICAL UNITS

13.2. Number of registered legal entities by organizational and legal form of business

(as of January 1)

	2022 ¹	2023 ¹	2024 ¹
Legal entities, total	1437009	1464953	1495879
including			
farms	48868	49567	50126
private enterprise	199963	199853	199839
collective enterprise	8215	8164	8131
state enterprise	3664	3526	3391
state-owned enterprise	30	29	25
communal enterprise	14188	14111	14012
joint communal enterprise	1	1	2
subsidiary enterprise	11462	11419	11381
foreign enterprise	624	622	619
enterprise of the association of citizens (religious organizations, trade unions)	3378	3374	3367
consumer cooperative enterprise	1121	1100	1080
rental enterprise	345	344	342
individual enterprise	24	24	24
family enterprise	29	29	29
joint venture	1666	1664	1663
joint stock company	7201	7177	7143
open joint stock company	1654	1639	1616
closed joint stock company	4783	4762	4743
state joint stock company/partnership	8	9	9
holding company	2	2	2
limited liability company	743682	761776	785999
company with additional liability	1511	1504	1508
full company	1297	1289	1284
limited partnership	370	367	367
bar association	1520	1624	1760
law office	2451	2632	2854
Cooperatives	420	419	420

THE REGISTER OF STATISTICAL UNITS

Table 13.2 continued

	2022 ¹	2023 ¹	2024 ¹
production cooperative	2181	2172	2163
service cooperative	20776	21033	21372
housing and construction cooperative	1799	1795	1797
garage cooperative	1093	1100	1105
consumer cooperative	776	777	776
consumer partnership	4357	4346	4328
agricultural production cooperative	1001	988	965
agricultural service cooperative	1274	1262	1229
agricultural cooperative	17	42	82
organizations (institutions, establishments)	103	104	104
state power authority	6148	6036	5703
courts	310	310	323
local government authority	13609	13256	12925
state organization (institution, establishment)	9924	9726	9165
communal organization (institution, establishment)	58195	57538	56781
private organization (institution, establishment)	1444	1490	1580
organization (institution, establishment) of citizen association (religious organizations, trade unions, consumer cooperatives, etc.)	1478	1479	1472
organization of tenants	642	642	642
organization of buyers	139	139	139
association	2517	2526	2550
corporation	553	552	551
consortium	154	165	191
concern	187	187	185
union of consumer societies	309	306	299
other associations of legal entities	742	738	735
authorities of self-government of lawyers	40	40	40
authorities of judicial self-government	1	1	–
associations of local government authorities and their voluntary unions	7	8	11
Audit Chamber of Ukraine	1	1	1
organization of water users	–	–	29
political party	14630	14437	14111
public organization	96543	99556	102860
public union	2071	2212	2347
religious organization	26915	27091	27542
trade union	28792	28757	28751
trade union association	181	181	180

THE REGISTER OF STATISTICAL UNITS

Table 13.2 continued

	2022 ¹	2023 ¹	2024 ¹
creative union (other professional organization)	318	318	320
charitable organization	20498	26846	29910
employer organization	561	560	555
association of co-owners of multi-apartment building)	37695	38606	39709
authority of self-organization of population	1730	1762	1796
commodity exchange	588	578	575
credit union	1044	1042	1038
consumer partnership	2	–	–
non-state pension fund	73	71	71
horticulture society	4128	4127	4138
other organizational and legal forms	12146	12162	12135

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

THE REGISTER OF STATISTICAL UNITS

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

(as of January 1)

	2022	2023	2024
Total legal persons¹	1437009	1464953	1495879
of which			
Agriculture, forestry and fishing	75740	77092	78600
Mining and quarrying	4056	4154	4266
Manufacturing	76690	78488	81535
Electricity, gas, steam and air-conditioning supply	6971	7177	7502
Water supply, sewerage, waste management and remediation	7361	7438	7587
Construction	73850	75133	77200
Wholesale and retail trade; repair of motor vehicles and motorcycles	284774	291977	299720
Transportation and storage, postal and courier activities	35949	37567	39602
Accommodation and food service activities	18789	19290	20022
Information and communication	36271	37608	39139
Financial and insurance activities	10578	10706	10910
Real estate activities	61637	62810	65038
Professional, scientific and technical activities	73642	74902	76564
Administration and support service activities	92383	94246	96724
Public administration and defence, compulsory social security	36336	35609	34566
Education	42648	42560	42576
Human health and social work activities	31157	37708	41106
Arts, entertainment and recreation	13238	13369	13452
Other services	140908	144430	148638

¹See the footnote to Table 13.2

14. CAPITAL ASSETS

Capital assets are tangible 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 activities 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 types of economic activity

(end of year; mln. UAH)

	2015	2018	2019	2020	2021 ¹	2022	2023
Total	7641357	9610000	9574186	10577278	11041318	10654555	11602929
Agriculture, forestry and fishing	210169	407146	469383	540463	595908	609731	692632
Industry	3842517	3271669	3455860	4023577	4181129	4105455	4473000
Mining and quarrying	379055	411806	429722	509923	602524	617701	588466
Manufacturing	1656971	1257573	1150463	1630237	1615730	1515957	1618406
Electricity, gas, steam and air-conditioning supply	1736058	1423237	1719131	1786632	1841355	1864904	2144264
Water supply, sewerage, waste management and remediation	70433	179053	156544	96785	121520	106893	121864
Construction	62090	91715	117057	131066	132939	128048	168773
Wholesale and retail trade; repair of motor vehicles and motorcycles	135378	215625	304498	362677	415716	438890	509085
Transport and storage	1418312	1729587	1187183	1159770	1200428	1210355	1397047
Accommodation and food service activities	27985	30964	36209	39140	38205	40766	47125
Information and communication	76546	127085	129537	152297	166164	177093	192197
Financial and insurance activities	51238	68695	96103	99319	101251	102651	113386
Real estate activities	666855	1064119	1113248	1118271	1171330	1183383	1247229
Professional, scientific and technical activities	31347	35681	106765	113824	145489	156770	167147
Administrative and support service activities	407506	1487471	1535779	1685465	1668545	1191248	1201571
Public administration and defence; compulsory social security	581	307	452081	490308	472241	493669	518659
Education	3117	4102	152681	173975	193487	209346	210933
Human health and social work activities	12912	27717	149008	217714	292566	332048	377546
Arts, entertainment and recreation	23581	22466	260239	263810	257053	264237	270531
Other services activities	2110	3201	8555	5602	8867	10865	16068

¹ For 2021 the data are updated

CAPITAL ASSETS

14.2. Cost of new fixed assets received during the year, by types of economic activity

(mln. UAH)

	2015	2018	2019	2020	2021 ¹	2022	2023
Total	216697	306147	437695	376384	361787	251827	394045
Agriculture, forestry and fishing	20821	55791	52205	45402	54600	27205	48187
Industry	55930	112773	199102	134215	113956	74310	138069
Mining and quarrying	12923	31071	47465	34019	28043	20947	50742
Manufacturing	34118	57221	71088	67579	54208	37182	55153
Electricity, gas, steam and air conditioning supply	7467	21018	75909	29800	29389	13382	26475
Water supply, sewerage, waste management and remediation	1423	3463	4640	2817	2316	2799	5699
Construction	2220	8552	7588	12494	14092	2435	11272
Wholesale and retail trade; repair of motor vehicles and motorcycles	14992	30176	42411	46964	48084	23967	35566
Transport and storage	10183	32280	29423	24267	19347	37851	27843
Accommodation and food service activities	631	1192	1720	1257	920	785	1658
Information and communication	8280	12873	14864	12205	11650	11960	16140
Financial and insurance activities	2972	6828	8739	7961	6477	3883	9682
Real estate activities	87717	27273	28753	29640	33145	18107	22724
Professional, scientific and technical activities	973	2963	5356	4571	3809	4296	5399
Administrative and support service activities	4380	8409	8850	7872	8132	3223	12079
Public administration and defence; compulsory social security	23	17	23562	24329	22026	21545	32101
Education	55	160	4315	3722	3716	1987	3437
Human health and social work activities	414	2627	9395	17111	20236	19018	28767
Arts, entertainment and recreation	311	791	1070	4124	1021	1031	740
Other services activities	42	201	342	250	576	224	381

¹ See the footnote to Table. 14.1

CAPITAL ASSETS

14.3. Degree of depreciation of capital assets, by types of economic activity*(percent)*

	2015	2018	2019	2020	2021 ¹	2022	2023
Total	60,1	60,6	56,9	58,5	57,7	56,4	56,0
Agriculture, forestry and fishing	38,9	35,4	38,3	40,2	41,1	43,8	45,7
Industry	76,9	66,4	59,1	63,9	60,5	61,5	61,4
Mining and quarrying	57,9	43,1	36,5	47,3	38,6	33,4	31,1
Manufacturing	75,8	64,3	51,4	63,0	60,2	62,3	65,9
Electricity, gas, steam and air conditioning supply	82,6	73,7	68,9	69,9	68,0	70,6	66,7
Water supply, sewerage, waste management and remediation	62,0	77,4	70,3	52,7	60,2	54,8	54,1
Construction	53,0	44,5	51,4	49,5	45,5	46,0	50,0
Wholesale and retail trade; repair of motor vehicles and motorcycles	44,7	42,1	40,4	39,6	39,9	43,5	45,7
Transport and storage	51,7	62,9	54,1	48,1	48,2	49,3	45,2
Accommodation and food service activities	35,6	41,7	37,5	37,5	37,8	41,6	43,3
Information and communication	57,9	59,9	53,4	56,6	55,7	58,4	59,1
Financial and insurance activities	41,9	44,8	34,8	37,4	40,0	44,1	44,4
Real estate activities	37,7	57,5	52,0	47,8	50,2	51,2	51,9
Professional, scientific and technical activities	57,3	50,3	45,4	54,1	65,6	43,5	47,4
Administrative and support service activities	55,1	83,0	85,7	86,4	87,1	84,0	83,9
Public administration and defence; compulsory social security	50,1	54,6	42,1	45,9	44,2	43,5	42,7
Education	45,6	41,1	45,1	47,3	53,9	50,9	50,3
Human health and social work activities	43,9	47,4	46,0	52,7	58,3	58,1	55,9
Arts, entertainment and recreation	32,2	40,1	4,6	5,2	5,1	6,0	7,0
Other services activities	44,6	45,9	27,3	47,6	31,7	40,5	38,3

¹ See the footnote to Table 14.1

15. INDUSTRY

Index of industrial products is representative goods (more than thousands of items) and the structure of gross value added 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 items) and the structure of gross value added over the base year. Since 2010 in Ukraine 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).

15.1. Industrial production indices, by type of activity

(percent of the previous year)

	2010	2015	2018	2019	2020	2021	2022	2023
Industry	112,0	87,7	103,0	99,5	95,5	101,9	63,3	106,8
Mining and manufacturing	112,3	87,9	103,0	100,2	95,0	102,1	62,3	108,2
Mining and quarrying	104,5	89,8	103,4	98,4	97,0	101,4	70,0	97,9
Mining of coal and lignite	98,4	63,7	106,1	96,9	86,3	107,0	92,3	97,0
Extraction of crude petroleum and natural gas	92,5	96,9	102,5	100,3	98,1	97,8	91,8	100,0
Mining of metal ores	113,8	92,5	104,4	97,1	97,6	102,5	38,3	89,8
Other mining and quarrying	113,8	86,5	101,2	91,6	103,2	121,1	25,1	105,7
Manufacturing	116,2	86,9	102,9	100,9	94,1	102,4	59,0	113,3
Manufacture of food products, beverages and tobacco products	103,7	89,1	98,7	103,3	99,2	94,6	78,4	115,6
Manufacture of food products	105,5	88,6	98,5	103,9	99,5	94,1	79,0	115,6
Manufacture of beverages	105,5	90,3	100,8	99,7	96,7	100,4	76,2	116,2
Manufacture of tobacco products	89,7	108,2	91,4	87,6	100,2	88,8	42,0	103,9
Manufacture of textiles, apparel, leather and related products	113,0	96,5	96,6	92,5	93,9	102,3	74,0	100,7

INDUSTRY

Table 15.1 continued

	2010	2015	2018	2019	2020	2021	2022	2023
Manufacture of textiles	120,5	99,7	99,6	92,2	98,3	113,8	69,1	101,6
Manufacture of wearing apparel	113,9	94,7	95,6	89,8	89,6	90,4	80,1	98,8
Manufacture of leather and related products	105,5	97,1	95,4	97,9	97,0	109,9	71,1	102,7
Manufacture of wood and paper products, and printing	111,0	77,4	102,2	94,8	97,1	105,6	63,9	104,8
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	115,1	101,3	109,2	96,0	91,6	114,7	71,0	102,0
Manufacture of paper and paper products	113,7	70,5	97,8	92,9	101,7	103,3	62,5	109,1
Printing and reproduction of recorded media	97,0	80,0	108,3	99,6	90,6	98,4	54,9	91,3
Manufacture of coke and refined petroleum products	102,7	82,7	106,8	103,1	98,0	105,4	33,4	68,6
Manufacture of chemicals and chemical products	121,5	81,9	115,3	112,9	105,1	99,9	38,2	117,7
Manufacture of basic pharmaceutical products and pharmaceutical preparations	115,9	91,9	95,0	103,7	103,0	97,4	70,2	103,1
Manufacture of rubber and plastic products, and other non-metallic mineral products	112,9	95,0	100,8	106,7	100,1	109,8	43,7	122,6
Manufacture of rubber and plastic products	111,5	92,1	104,3	102,7	98,4	103,8	58,9	117,2
Manufacture of other non-metallic mineral products	113,6	97,0	98,6	109,4	101,2	113,4	35,2	127,7
Manufacture of basic metals and fabricated metal products, except machinery and equipment	115,2	86,4	100,8	98,6	91,3	105,8	37,6	109,0
Manufacture of basic metals	113,8	86,9	99,9	97,8	91,5	106,2	33,5	100,8
Manufacture of fabricated metal products, except machinery and equipment	120,8	83,6	105,5	103,3	90,2	104,1	59,0	133,5
Engineering	141,3	85,2	112,4	97,8	82,4	108,5	56,9	118,4
Manufacture of computer, electronic and optical products	106,1	71,0	122,8	91,6	75,2	110,0	58,9	160,8
Manufacture of electrical equipment	160,0	83,0	105,2	94,7	99,1	119,3	65,8	111,3
Manufacture of machinery and equipment n.e.c.	133,9	91,1	110,7	102,5	84,0	103,1	40,6	108,6
Manufacture of transport equipment, trailers and semi-trailers and	152,6	84,4	115,3	96,8	74,6	106,9	66,9	119,6
Manufacture of motor vehicles, trailers and semi-trailers	125,7	94,4	101,8	74,3	85,6	123,2	72,7	115,4
Manufacture of other transport equipment	158,2	81,5	119,3	102,5	72,5	103,3	65,4	120,8
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	119,7	83,0	110,4	103,0	89,6	109,9	58,3	119,2
Manufacture of furniture	121,6	88,7	101,6	110,3	95,4	116,6	58,3	117,3
Other manufacturing	124,6	82,0	118,5	98,1	84,8	107,8	55,6	122,2
Electricity, gas, steam and air conditioning supply	109,7	87,0	103,0	95,6	99,1	100,8	69,4	99,4

INDUSTRY

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

(percent of the previous year)

	2010	2015	2018	2019	2020	2021	2022	2023
Manufacture of food products, beverages and tobacco products	103,7	89,1	98,7	103,3	99,2	94,6	78,4	115,6
Manufacture of food products	105,5	88,6	98,5	103,9	99,5	94,1	79,0	115,6
Processing and preserving of meat and production of meat products	107,7	100,2	99,9	102,0	100,0	103,9	89,0	106,0
Processing and preserving of fish, crustaceans and molluscs	99,1	78,5	114,1	104,0	97,4	112,1	60,3	129,6
Processing and preserving of fruit and vegetables	90,8	84,7	109,9	99,4	105,6	108,8	53,5	119,8
Manufacture of vegetable and animal oils and fats	105,4	85,9	97,9	113,7	104,8	80,4	75,3	126,2
Manufacture of dairy products	98,6	91,7	101,7	95,1	100,2	94,5	79,6	104,0
Manufacture of grain mill products, starches and starch products	96,9	101,1	89,2	104,1	93,6	100,6	75,7	107,2
Manufacture of grain mill products	93,5	94,7	91,2	104,2	87,0	90,8	87,2	101,9
Manufacture of bakery and farinaceous products	103,2	85,3	95,0	94,0	95,7	102,2	78,0	103,2
Manufacture of bread; manufacture of fresh pastry goods and cakes	100,4	87,4	93,2	91,1	95,3	102,8	80,4	103,5
Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes	107,7	80,7	99,2	99,3	96,5	101,9	73,8	102,8
Manufacture of other food products	116,9	77,6	98,3	93,4	87,1	109,4	78,1	122,4
Manufacture of sugar	143,6	69,1	89,6	82,8	67,0	131,9	91,0	135,9
Manufacture of cocoa, chocolate and sugar confectionery	104,7	83,2	107,7	111,3	98,8	100,7	73,5	116,7
Processing of tea and coffee	126,8	93,6	104,0	97,3	93,2	106,8	65,3	103,3
Manufacture of condiments and seasonings	105,4	84,2	100,0	101,6	104,4	95,5	70,0	105,0
Manufacture of other food products n.e.c	120,4	74,7	104,9	64,1	92,6	89,7	79,8	120,5
Manufacture of beverages	105,5	90,3	100,8	99,7	96,7	100,4	76,2	116,2
Distilling, rectifying and blending of spirits	106,4	91,8	93,3	95,6	100,4	103,2	92,5	120,8
Manufacture of wine from grape	119,3	131,4	88,0	85,6	80,2	98,0	49,8	110,1
Manufacture of soft drinks; production of mineral waters and other bottled waters	104,2	92,8	111,2	107,7	99,1	108,5	79,9	119,3
Manufacture of tobacco products	89,7	108,2	91,4	87,6	100,2	88,8	42,0	103,9

INDUSTRY

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

(percent of the previous year)

	2010	2015	2018	2019	2020	2021	2022	2023
Manufacture of coke and refined petroleum products	102,7	82,7	106,8	103,1	98,0	105,4	33,4	68,6
Manufacture of coke oven products	106,8	83,7	104,5	92,9	95,1	97,8	41,8	86,5
Manufacture of refined petroleum products	97,2	...	...	...	...	...	...	55,9

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

(percent of the previous year)

	2010	2015	2018	2019	2020	2021	2022	2023
Manufacture of chemicals and chemical products	121,5	81,9	115,3	112,9	105,1	99,9	38,2	117,7
Manufacture of basic chemicals, fertilisers and nitrogen compounds, plastics and synthetic rubber in primary forms	129,1	82,0	123,7	124,6	106,4	94,2	27,1	112,9
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	105,3	88,8	102,9	115,8	115,8	92,0	55,1	175,9
Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	114,1	77,9	104,8	89,4	101,9	100,9	59,6	112,3

15.5. 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	2018	2019	2020	2021	2022	2023
Manufacture of rubber and plastics products, and other non-metallic mineral products	112,9	95,0	100,8	106,7	100,1	109,8	43,7	122,6
Manufacture of rubber and plastic products	111,5	92,1	104,3	102,7	98,4	103,8	58,9	117,2
Manufacture of rubber products	102,1	79,2	99,5	107,5	95,3	116,4	50,0	114,7
Manufacture of plastics products	113,8	93,5	104,8	102,2	98,7	102,6	59,9	117,5
Manufacture of other non-metallic mineral products	113,6	97,0	98,6	109,4	101,2	113,4	35,2	127,7
Manufacture of glass and glass products	114,1	88,9	99,2	115,4	97,0	107,8	44,3	99,8
Manufacture of refractory products	135,9	84,8	96,1	95,1	93,5	113,7	46,2	75,7
Manufacture of clay building materials	106,2	90,4	99,0	93,7	89,9	109,3	28,6	169,5
Manufacture of other porcelain and ceramic products	111,6	101,1	105,2	91,0	84,0	113,1	39,8	134,8
Manufacture of cement, lime and plaster	102,0	97,4	99,2	99,2	107,1	113,5	48,0	135,3
Manufacture of articles of concrete, cement and plaster	109,7	100,0	97,0	127,7	90,5	113,5	33,9	128,8
Manufacture of abrasive products and non-metallic mineral products n.e.c	154,2	118,5	100,7	99,3	143,5	119,8	20,0	132,3

INDUSTRY

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

(percent of the previous year)

	2010	2015	2018	2019	2020	2021	2022	2023
Engineering	141,3	85,2	112,4	97,8	82,4	108,5	56,9	118,4
Manufacture of computer, electronic and optical products	106,1	71,0	122,8	91,6	75,2	110,0	58,9	160,8
Manufacture of consumer electronics	100,1	35,9	113,6	97,5	88,2	102,0	59,5	76,4
Manufacture of irradiation, electromedical and electrotherapeutic equipment	97,9	132,4	90,4	102,8	289,6	39,3	51,4	131,6
Manufacture of electrical equipment	160,0	83,0	105,2	94,7	99,1	119,3	65,8	111,3
Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	216,0	73,1	105,5	90,3	94,8	115,6	78,0	85,8
Manufacture of electric motors, generators and transformers	258,9	65,0	106,6	91,7	74,0	114,0	56,5	107,9
Manufacture of electricity distribution and control apparatus	149,7	95,6	102,8	87,2	146,7	117,7	104,2	71,2
Manufacture of batteries and accumulators	159,0	79,9	77,4	97,0	118,1	109,3	40,4	108,4
Manufacture of wiring and wiring devices	119,9	94,7	106,0	127,6	95,3	112,7	55,7	220,0
Manufacture of electric lighting equipment	130,2	89,3	91,0	86,3	108,1	114,0	50,6	143,0
Manufacture of domestic appliances	112,7	89,3	108,5	90,3	117,2	120,0	69,7	81,0
Manufacture of other electrical equipment	125,7	103,5	111,8	71,0	90,3	169,3	35,9	112,7
Manufacture of machinery and equipment n.e.c.	133,9	91,1	110,7	102,5	84,0	103,1	40,6	108,6
Manufacture of general-purpose machinery	123,0	93,3	107,3	94,3	81,0	103,2	40,5	105,3
Manufacture of other general-purpose machinery	155,8	94,9	108,2	103,2	92,5	114,1	49,1	118,8
Manufacture of agricultural and forestry machinery	215,4	105,3	85,4	90,2	86,8	128,2	40,9	64,1
Manufacture of metal forming machinery and machine tools	121,1	101,9	101,8	107,2	66,0	88,4	64,8	110,6
Manufacture of other special-purpose machinery	127,5	77,7	131,3	115,6	81,9	89,6	33,7	124,5
Manufacture of machinery for metallurgy	140,4	93,2	99,7	109,5	87,4	72,3	13,9	30,9
Manufacture of machinery for mining, quarrying and construction	95,6	59,0	102,8	104,1	85,4	115,6	44,0	139,1
Manufacture of machinery for food, beverage and tobacco processing	124,5	108,3	100,2	94,4	92,4	115,6	49,7	104,8
Manufacture of transport equipment-trailers and semi-trailers and other	152,6	84,4	115,3	96,8	74,6	106,9	66,9	119,6
Manufacture of motor vehicles, trailers and semi-trailers	125,7	94,4	101,8	74,3	85,6	123,2	72,7	115,4
Manufacture of motor vehicles	124,2	42,3	89,7	130,2	81,2	155,8	46,7	123,0
Manufacture of parts and accessories for motor vehicles	127,7	140,5	106,2	58,5	87,5	105,2	95,7	112,1
Manufacture of other transport equipment	158,2	81,5	119,3	102,5	72,5	103,3	65,4	120,8
Manufacture of railway locomotives and rolling stock	245,3	46,7	132,4	104,1	50,6	102,3	73,7	100,9

INDUSTRY

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

	2015		2020		2022		2023	
	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	3854040,1	100,0	4402949,9	100,0
Mining and quarrying	191599,3	10,8	361685,4	11,2	428168,5	11,1	495828,7	11,3
Manufacturing	1139213,2	64,1	1879375,3	58,0	1850049,6	48,0	2300587,7	52,2
Production of foodstuffs, beverages and tobacco products	398023,2	22,4	678844,4	21,0	720865,5	18,7	892674,0	20,3
Textile industry, sewing of clothes, leather, leather articles and other materials	17384,4	1,0	33043,1	1,0	43888,8	1,1	63218,7	1,4
Manufacture of products of wood, manufacture of paper and printing	60146,2	3,4	101782,9	3,1	126119,4	3,3	149513,5	3,4
Manufacture of coke and refined petroleum products	59971,7	3,4	70856,4	2,2	58195,5	1,5	40984,5	0,9
Manufacture of chemicals and chemical products	68010,1	3,8	81139,9	2,5	77133,0	2,0	91536,5	2,1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	20295,8	1,1	42408,0	1,3	43053,3	1,1	55356,5	1,2
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	85969,9	4,8	198261,3	6,1	164173,2	4,3	231750,5	5,3
Manufacture of basic metals, manufacture of fabricated metal products, except machinery and equipment	278502,8	15,7	397501,7	12,3	337768,5	8,8	355297,3	8,1
Engineering	115261,7	6,5	197343,6	6,1	199890,9	5,2	316885,1	7,2
Manufacture of computer, electronic and optical products	8772,9	0,5	15741,0	0,5	19244,5	0,5	33957,6	0,8
Manufacture of electrical equipment	24038,5	1,3	35850,0	1,1	34126,0	0,9	49650,1	1,1
Manufacture of machinery and equipment n.e.c.	41998,0	2,4	72490,3	2,2	56154,9	1,5	74605,9	1,7
Manufacture of transport equipment, trailers and semi-trailers and other	40452,3	2,3	73262,3	2,3	90365,5	2,3	158671,4	3,6
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	35647,4	2,0	78194,0	2,4	78961,5	2,0	103371,1	2,3
Electricity, gas, steam and air conditioning supply	424705,2	23,9	953589,4	29,5	1530357,3	39,7	1557519,6	35,4
Water supply, sewerage, waste management and remediation	21086,0	1,2	41719,0	1,3	45464,7	1,2	49013,9	1,1

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)

16. AGRICULTURE, 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.

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.

Sown area of agricultural crops is a revised sown area under harvest of reference year which was actually under agricultural crops in spring (area under winter crops that have been preserved and area under spring crops) including late crops under harvest of current year (summer plantations) as well as changes in economic usage of crops (shift of crops from groups of one production direction to the others, for instance, for grain, green feed, hay, etc.).

Area under perennial crops plantations is the total area under separate gardens, berry-bushes, vineyards and other perennial plantations and area under trees and bushes

that grow separately regardless of plantation age.

Area under perennial crops plantations at fruiting age is areas of gardens, berry bushes, vineyards that reached fruiting 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.

Yields of perennial crops out of total plantation area are the average size of production of a certain fruit and berry crop per area unit which is calculated as a ratio of production volume (gross harvest) from all plantation area and area under crop at fruiting age.

The volume of fertilizers applied is a mass of mineral (per active ingredient) and organic (in physical mass) fertilizers which were applied to the soil to improve the conditions for nutrition and an increase in 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.

The volume of fertilizers/pesticides applied per 1 hectare of revised/cultivated area is an average indicator characterizing fertilizers and pesticides applied into the soil per area unit. It produced as a ratio of the volumes of mineral fertilizers applied per active ingredient,

organic fertilizers in physical mass and pesticides used per active ingredient which were used for certain agricultural crop to the sown revised/processed 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 slaughter weight) is the product of the total live weight of agricultural animals which were sold for slaughtering at slaughterhouse (commercial slaughter) and/or slaughtered for meat in one's own farm (internal farm slaughter) regardless of whether the slaughter was carried out (directly at enterprise or slaughterhouse) and coefficient for conversion of 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 is the total number of eggs obtained from all types of poultry including lost due to slaughter, deterioration, etc. as well as spent for hatching the young (incubation) by hens or in incubators.

Average milk yield per one cow is a ratio of production volume (gross yield) of cow milk for reference year to the relevant number of cows at the beginning of reference year.

Average wool sheared per one sheep is a ratio of production volume (gross shearing) of sheep wool for reference year to the number of sheep at the beginning of the year.

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.

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

Wood fuel 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.

The forest felling of formation 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.

Harvesting wood 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-use felling is felling of ripe trees in order to procure the timber.

Forestation 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.

Protection of forests from pests 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 (seas, 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, FORESTRY, FISHERY

AGRICULTURE

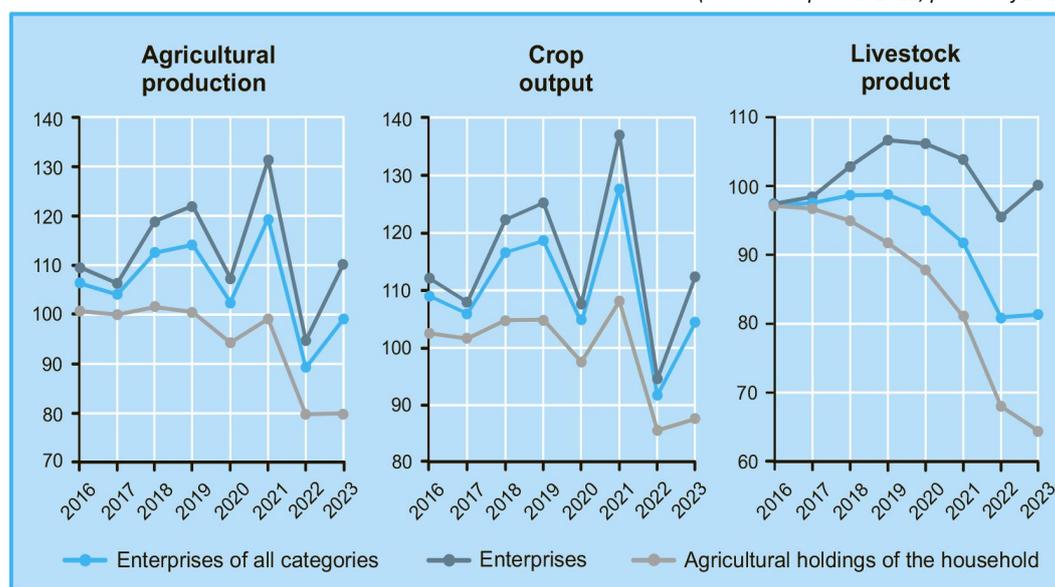
16.1. Index of agricultural products, by category of enterprises

(at constant price in 2021; percent of the previous year)

	Enterprises of all categories			Including					
				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
2015	95,2	94,8	96,4	94,	94,5	96,5	95,8	95,5	96,3
2016	106,3	109,0	97,2	109,6	112,1	97,4	100,7	102,5	97,1
2018	108,2	110,1	101,2	111,9	113,3	104,5	101,5	103,1	98,2
2019	101,4	101,7	100,1	102,6	102,4	103,7	99,0	100,1	96,6
2020	89,9	88,0	97,6	88,0	86,0	99,5	93,8	93,0	95,7
2021	116,4	122,3	95,1	122,2	127,3	97,8	105,1	110,8	92,3
2022	74,7	71,8	88,2	72,1	69,0	92,0	80,5	79,2	83,9
2023	111,1	113,9	100,4	116,4	118,8	105,0	100,2	102,4	94,8

16.2. Index of agricultural products

(at constant price in 2021; percent of 2015)



AGRICULTURE, FORESTRY, FISHERY

16.3. Index of agricultural products, by region

(at constant price in 2021; percent of the previous year)

	2015	2018	2019	2020	2021	2022	2023
Ukraine	95,2	108,2	101,4	89,9	116,4	74,7	111,1
Autonomous Republic of Crimea	...	...	...	...	...	...	...
oblasts							
Vinnitsya	91,6	110,7	101,0	85,3	122,0	80,4	118,7
Volyn	95,2	103,2	101,2	100,6	102,8	96,7	100,1
Dnipropetrovsk	106,1	102,8	109,8	85,8	122,0	82,1	115,4
Donetsk	64,7	90,5	121,4	96,0	107,9	28,0	102,5
Zhytomyr	91,0	111,9	100,8	95,5	112,1	83,1	106,8
Zakarpattia	94,9	107,0	100,8	96,7	91,8	100,5	103,2
Zaporizhzhya	109,1	85,6	129,3	88,5	117,3	25,0	62,9
Ivano-Frankivsk	95,3	101,4	97,1	103,7	105,4	98,1	102,7
Kyiv	89,0	124,0	91,6	84,0	119,0	79,2	122,0
Kirovohrad	97,5	120,7	107,5	70,6	146,2	86,1	110,2
Luhansk	77,6	109,2	114,2	88,7	107,2	28,5	81,5
Lviv	96,9	103,7	100,7	104,6	107,5	103,3	100,7
Mykolayiv	101,9	106,2	106,9	76,2	146,8	57,0	130,7
Odesa	96,0	101,2	88,3	61,1	191,7	68,6	122,7
Poltava	107,1	123,9	95,6	88,9	109,4	101,7	103,3
Rivne	92,6	102,6	99,3	103,2	101,8	95,3	105,6
Sumy	95,2	111,4	99,9	103,9	90,0	94,7	99,0
Ternopil	88,6	103,9	97,7	100,2	113,3	95,7	108,6
Kharkiv	97,0	106,2	102,4	98,2	98,1	46,3	139,9
Kherson	104,8	100,6	104,6	94,8	113,7	4,9	90,2
Khmelnyskiy	87,1	102,6	96,9	97,6	113,6	90,2	109,2
Cherkasy	99,2	122,9	97,6	78,8	134,7	86,6	113,8
Chernivtsi	90,9	105,2	95,5	100,0	109,2	91,5	108,5
Chernihiv	97,9	111,2	97,7	103,1	105,6	80,2	115,2
city							
Sevastopol	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.4. Structure of agricultural production, by type

(at constant price in 2021; percentage of total volume)

	2015	2018	2019	2020	2021	2022	2023
Crop output	77,0	79,8	80,1	78,3	82,3	79,1	81,1
Grain and leguminous crops	35,0	35,6	37,1	36,0	40,5	34,0	33,6
Industrial crops	26,4	29,3	29,4	27,4	28,8	30,8	33,4
Potatoes, vegetable and cucurbits crops	11,6	10,6	10,0	11,3	9,9	11,3	10,7
Fruit and berry crops, grapes	2,3	2,3	1,9	2,0	1,8	2,2	2,0
Fodder crops	1,8	1,4	1,3	1,3	1,1	1,3	1,2
Other products and change in incomplete production	-0,1	0,6	0,4	0,3	0,2	-0,5	0,2
Livestock product	23,0	20,2	19,9	21,7	17,7	20,9	18,9
Raising farm livestock	11,1	10,1	10,2	11,2	9,4	11,2	10,6
Milk	8,2	6,9	6,5	6,9	5,6	6,7	5,7
Eggs	3,0	2,5	2,6	2,8	2,1	2,4	2,0
Other products	0,7	0,7	0,6	0,8	0,6	0,6	0,6

16.5. Structure of agricultural production, by category of producers

(at constant price in 2021; percentage of total volume)

	2015	2018	2019	2020	2021	2022	2023
Enterprises							
Agricultural production	63,0	66,6	67,4	66,0	69,3	66,9	70,2
Crop output	67,8	71,1	71,6	69,9	72,8	70,0	73,0
Livestock product	47,0	49,0	50,8	51,8	53,2	55,5	58,0
Agricultural holdings of households							
Agricultural production	37,0	33,4	32,6	34,0	30,7	33,1	29,8
Crop output	32,2	28,9	28,4	30,1	27,2	30,0	27,0
Livestock product	53,0	51,0	49,2	48,2	46,8	44,5	42,0

AGRICULTURE, FORESTRY, FISHERY

16.6. Structure of agricultural production, by type in 2023, by region
(at constant price in 2021; 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	81,1	18,9	100,0	84,4	15,6	100,0	73,4	26,6
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
oblasts									
Vinnitsya	100,0	70,5	29,5	100,0	69,1	30,9	100,0	75,5	24,5
Volyn	100,0	72,8	27,2	100,0	73,2	26,8	100,0	72,3	27,7
Dnipropetrovsk	100,0	79,0	21,0	100,0	76,0	24,0	100,0	86,8	13,2
Donetsk	100,0	83,0	17,0	100,0	79,5	20,5	100,0	89,6	10,4
Zhytomyr	100,0	83,1	16,9	100,0	92,0	8,0	100,0	69,2	30,8
Zakarpattya	100,0	54,2	45,8	100,0	93,5	6,5	100,0	48,1	51,9
Zaporizhzhya	100,0	94,1	5,9	100,0	96,4	3,6	100,0	81,3	18,7
Ivano-Frankivsk	100,0	63,7	36,3	100,0	72,5	27,5	100,0	55,3	44,7
Kyiv	100,0	77,7	22,3	100,0	77,5	22,5	100,0	78,5	21,5
Kirovohrad	100,0	90,7	9,3	100,0	96,3	3,7	100,0	79,1	20,9
Luhansk	100,0	80,8	19,2	100,0	100,0	0,0	100,0	80,7	19,3
Lviv	100,0	73,8	26,2	100,0	76,2	23,8	100,0	70,5	29,5
Mykolayiv	100,0	91,8	8,2	100,0	97,3	2,7	100,0	73,0	27,0
Odesa	100,0	91,1	8,9	100,0	97,9	2,1	100,0	76,1	23,9
Poltava	100,0	86,6	13,4	100,0	88,1	11,9	100,0	82,3	17,7
Rivne	100,0	78,1	21,9	100,0	85,5	14,5	100,0	69,9	30,1
Sumy	100,0	91,2	8,8	100,0	94,7	5,3	100,0	72,3	27,7
Ternopil	100,0	81,8	18,2	100,0	88,8	11,2	100,0	65,0	35,0
Kharkiv	100,0	90,5	9,5	100,0	93,0	7,0	100,0	84,3	15,7
Kherson	100,0	58,6	41,4	100,0	94,3	5,7	100,0	0,0	100,0
Khmelnyskiy	100,0	82,2	17,8	100,0	88,5	11,5	100,0	63,2	36,8
Cherkasy	100,0	72,2	27,8	100,0	69,8	30,2	100,0	81,2	18,8
Chernivtsi	100,0	76,2	23,8	100,0	84,6	15,4	100,0	72,8	27,2
Chernihiv	100,0	89,8	10,2	100,0	93,0	7,0	100,0	70,9	29,1
city									
Sevastopol	...	...	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.7. Structure of agricultural production, by category of producers in 2023, by region

(at constant price in 2021; 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	70,2	29,8	100,0	73,0	27,0	100,0	58,0	42,0
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
oblasts									
Vinnitsya	100,0	77,6	22,4	100,0	76,1	23,9	100,0	81,4	18,6
Volyn	100,0	58,7	41,3	100,0	59,0	41,0	100,0	57,9	42,1
Dnipropetrovsk	100,0	72,4	27,6	100,0	69,7	30,3	100,0	82,7	17,3
Donetsk	100,0	65,5	34,5	100,0	62,7	37,3	100,0	78,8	21,2
Zhytomyr	100,0	60,8	39,2	100,0	67,4	32,6	100,0	28,7	71,3
Zakarpattia	100,0	13,3	86,7	100,0	23,0	77,0	100,0	1,9	98,1
Zaporizhzhya	100,0	84,9	15,1	100,0	87,0	13,0	100,0	52,1	47,9
Ivano-Frankivsk	100,0	48,6	51,4	100,0	55,4	44,6	100,0	36,7	63,3
Kyiv	100,0	76,0	24,0	100,0	75,8	24,2	100,0	76,8	23,2
Kirovohrad	100,0	67,0	33,0	100,0	71,2	28,8	100,0	26,2	73,8
Luhansk	100,0	0,1	99,9	100,0	0,1	99,9	100,0	0,0	100,0
Lviv	100,0	57,5	42,5	100,0	59,4	40,6	100,0	52,2	47,8
Mykolayiv	100,0	77,6	22,4	100,0	82,2	17,8	100,0	25,7	74,3
Odesa	100,0	68,6	31,4	100,0	73,8	26,2	100,0	16,0	84,0
Poltava	100,0	74,5	25,5	100,0	75,7	24,3	100,0	66,2	33,8
Rivne	100,0	52,5	47,5	100,0	57,5	42,5	100,0	34,7	65,3
Sumy	100,0	84,5	15,5	100,0	87,7	12,3	100,0	51,0	49,0
Ternopil	100,0	70,7	29,3	100,0	76,7	23,3	100,0	43,7	56,3
Kharkiv	100,0	71,4	28,6	100,0	73,4	26,6	100,0	52,5	47,5
Kherson	100,0	62,1	37,9	100,0	100,0	0,0	100,0	8,5	91,5
Khmelnyskiy	100,0	75,2	24,8	100,0	81,0	19,0	100,0	48,7	51,3
Cherkasy	100,0	79,0	21,0	100,0	76,4	23,6	100,0	85,8	14,2
Chernivtsi	100,0	28,6	71,4	100,0	31,7	68,3	100,0	18,5	81,5
Chernihiv	100,0	85,6	14,4	100,0	88,6	11,4	100,0	58,9	41,1
city									
Sevastopol	...	...	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.8. Distribution of enterprises¹ engaged in agricultural activity in 2023, 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 including with the area, ha	29991	100,0	17279,7	100,0
under 5,00	355	1,2	1,4	0,0
5,01–10,00	1143	3,8	8,9	0,1
10,01–20,00	2113	7,1	32,8	0,2
20,01–50,00	6763	22,6	249,9	1,4
50,01–100,00	4227	14,1	306,3	1,8
100,01–500,00	8122	27,1	1951,7	11,3
500,01–1000,00	2735	9,1	1957,7	11,3
1000,01–5000,00	4035	13,4	8384,3	48,5
over 5000,00	498	1,6	4386,7	25,4

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. Average prices for selling agricultural products by agricultural enterprises

(1 t; UAH)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Enterprises										
Grain and leguminous crops including	443,8	417,8	1120,9	2912,1	4315,0	3867,5	4794,1	6296,1	6399,8	5675,5
wheat	487,0	415,2	1085,8	2796,2	4586,1	4077,1	5017,5	6433,6	6097,6	5343,1
rye	468,8	317,2	792,7	2222,4	3205,5	4276,8	4594,3	4470,5	4746,2	4080,3
corn	386,4	343,1	1246,1	2989,9	4011,5	3684,6	4668,6	6245,5	6555,5	5868,7
barley	374,2	488,5	955,1	2661,5	4815,4	3932,5	4352,7	5862,6	5632,8	5200,9
oats	345,6	334,2	766,8	2065,4	3906,1	4305,6	4649,6	4948,1	5343,9	5897,0
millet	349,9	295,4	1036,2	3315,8	7700,2	6929,5	5974,6	6559,0	7238,2	8240,8
buckwheat	748,0	883,8	3910,0	9098,3	5827,8	7158,7	14550,8	17909,2	23805,4	12977,0
rice	707,7	1017,9	2348,1	7426,3	7909,4	7898,7	8663,6	9007,7	13145,2	25671,8
legumes	575,0	579,0	1596,4	5382,5	5394,5	5337,4	6224,1	8264,6	8029,8	8030,4
Oil crops	525,7	981,5	2942,6	7531,5	9318,3	8321,2	10852,9	16418,5	15015,0	13072,6
Factory sugar beets	121,5	177,0	478,5	788,6	749,0	753,7	871,5	1164,1	1572,2	1635,4
Potatoes	517,1	685,2	2131,0	2436,3	3746,0	5474,7	5103,4	4993,4	4519,5	5617,2
Vegetable crops	572,1	1462,1	2551,6	3903,4	4448,0	4497,0	4437,1	4679,6	14025,0	11593,1
Fruit and berry crops	394,9	987,8	2419,8	5894,5	5054,0	6494,4	9140,2	8177,1	8126,4	12531,5
Grapes	724,5	1476,1	3638,2	6450,3	5822,3	5451,4	6739,0	7211,9	7320,6	8269,9
Livestock animals (live weight)	2358,0	6909,9	10797,1	121966,2	33331,2	32679,8	32490,6	37380,5	45676,9	53186,6
Milk	536,4	1126,9	2938,7	4347,3	7602,4	8198,2	8839,9	10300,7	10969,0	12234,4
Eggs, for thsd.pcs	191,7	251,8	470,6	1333,2	1600,3	1206,1	1258,6	1877,3	2328,3	3047,1
Wool	3182,5	4441,4	4165,3	14216,7	23350,5	25027,3	12537,4	13528,7	8327,4	15183,9

AGRICULTURE, FORESTRY, FISHERY

CROP GROWING

16.10. Sown area for agricultural crops in 1940–2023

(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
2023	22809	10985	250	5220	1210	393

AGRICULTURE, FORESTRY, FISHERY

16.11. Sown area for agricultural crops

(thsd. ha)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Agricultural crops	27173	26044	26952	26902	27699	28001	28147	28581	23405	22809
Grain and leguminous crops	13646	15005	15090	14739	14839	15318	15392	15995	12171	10985
Winter crops	6324	7289	7904	7904	7455	7836	7600	8226	6153	5170
including										
wheat ¹	5316	6185	6137	6696	6417	6650	6429	6908	5217	4472
rye	668	622	286	150	149	115	137	171	101	79
barley	340	482	1481	1058	874	1058	1025	1139	828	614
Summer crops	7322	7716	7186	6835	7384	7482	7792	7769	6018	5815
of which										
wheat ¹	303	480	314	171	197	167	167	188	218	193
barley	3645	4018	3024	1768	1618	1555	1370	1337	947	882
oats	521	468	326	213	197	183	200	178	154	165
corn	1364	1711	2709	4123	4580	5005	5432	5522	4325	4113
millet	437	141	95	112	55	92	159	83	51	89
buckwheat	574	426	225	133	112	69	84	90	121	148
rice	26	21	29	12	13	11	11	10	1	2
legumes crops	408	422	429	250	565	348	315	314	180	206
Industrial crops	4187	5260	7296	8350	9266	9130	9224	9244	8292	8910
of which										
factory sugar beets	856	652	501	237	276	222	220	227	184	250
sunflowers	2943	3743	4572	5105	6117	5928	6457	6622	5293	5220
rape and colza	214	207	907	682	1042	1282	1127	1006	1186	1436
soya	65	438	1076	2158	1716	1609	1351	1311	1559	1842
flax	23	25	1	2	1	1	c	1	c	c
Potatoes, vegetable and cucurbits crops	2277	2041	1967	1823	1825	1828	1854	1807	1620	1642
of which										
potatoes	1629	1514	1408	1291	1319	1309	1325	1283	1208	1210
vegetable crops in open ground (without seed crops)	538	465	462	440	433	446	457	454	373	393
Fodder crops	7063	3738	2599	1990	1769	1725	1677	1535	1322	1272
of which										
fodder roots	285	294	244	213	203	192	191	177	163	157
fodder corn	1920	774	473	309	258	243	262	214	195	194
annual grass	1765	891	583	393	338	312	302	269	195	184
perennial grass	2985	1702	1238	1027	920	921	869	819	724	698

¹ Here and further (Table 16.13, 16.15, 16.16, 16.27, 16.28) from 2018, excluding triticale

AGRICULTURE, FORESTRY, FISHERY

16.12. Sown area for agricultural crops in 2023, by region

(thsd.ha)

	Agricultural crops	Of which			
		grain and leguminous crops	industrial crops	potatoes, vegetable and cucurbits crops	fodder crops
Ukraine	22809	10985	8910	1642	1272
Autonomous Republic of Crimea	...	...	...	...	...
oblasts					
Vinnysya	1635	776	614	131	114
Volyn	593	294	141	98	60
Dnipropetrovsk	1892	884	866	110	32
Donetsk	305	139	137	22	7
Zhytomyr	1049	442	350	117	140
Zakarpattya	168	72	18	42	36
Zaporizhzhya	273	122	145	3	3
Ivano-Frankivsk	377	141	102	73	61
Kyiv	1181	555	444	122	60
Kirovohrad	1724	793	831	62	38
Luhansk	157	72	62	14	9
Lviv	747	312	230	143	62
Mykolayiv	1231	618	559	27	27
Odesa	1866	1176	630	39	21
Poltava	1736	866	702	84	84
Rivne	632	252	211	85	84
Sumy	1074	514	456	55	49
Ternopil	850	417	324	67	42
Kharkiv	1256	554	591	69	42
Kherson ¹	63	20	42	1	c
Khmelnyskiy	1208	516	521	72	99
Cherkasy	1219	636	436	78	69
Chernivtsi	310	122	95	49	44
Chernihiv	1263	692	403	79	89
city					
Sevastopol	...	...	...	...	...

¹Data are given by enterprises excluding households holdings

AGRICULTURE, FORESTRY, FISHERY

16.13. Harvested area

(thsd.ha)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Grain and leguminous crops	12587	14605	14576	14641	14794	15292	15283	15948	11773	10836
Winter crops	5846	7187	7698	7870	7445	7830	7542	8219	5979	5162
including										
wheat	4888	6105	5982	6670	6409	6645	6388	6903	5065	4466
rye	636	608	279	149	148	115	137	171	100	78
barley	322	474	1437	1051	873	1057	1008	1137	807	613
Summer crops	6741	7418	6878	6771	7349	7462	7741	7729	5794	5674
of which										
wheat	273	466	302	169	195	167	167	187	217	192
barley	3367	3876	2880	1755	1611	1552	1367	1335	934	881
oats	481	450	311	211	196	182	199	178	154	165
corn	1279	1660	2648	4084	4564	4987	5392	5482	4125	3975
millet	367	120	85	113	55	93	159	87	49	88
buckwheat	529	396	199	128	113	69	84	92	121	148
rice	25	21	29	12	13	11	11	10	1	2
legumes crops	383	401	391	247	556	347	310	311	174	206
Factory sugar beets	747	623	492	237	275	221	220	227	184	250
Sunflowers	2842	3689	4526	5166	6167	5959	6481	6665	5238	5202
Rape and colza	157	195	863	671	1039	1279	1113	1005	1156	1432
Soya	61	422	1037	2136	1729	1613	1364	1323	1527	1834
Flax (fiber)	20	24	1	1	1	1	c	c	c	c
Potatoes	1631	1516	1412	1291	1320	1309	1325	1283	1204	1210
Vegetable crops	519	464	468	447	440	452	465	461	375	397
Fodder roots	281	294	246	214	203	192	191	177	163	157
Fodder corn	1843	766	469	308	259	247	267	216	202	195
Annual hay grass	289	342	298	267	234	218	213	191	143	130
Perennial hay grass	1249	1001	903	819	758	762	727	694	615	620

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

(thsd.ha)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Plantations of fruit and berry crops	425	299	255	235	228	225	219	217	193	187
of which fruit-bearing	378	266	223	206	200	196	191	191	171	167
Vineyards	110	96	87	45	43	42	39	37	30	28
of which fruit-bearing	99	81	68	42	41	40	37	35	29	26

AGRICULTURE, FORESTRY, FISHERY

16.15. Output of agricultural crops in 1913–2023

(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
2023	59772	21625	13130	12760	21359	8297	1996	245

AGRICULTURE, FORESTRY, FISHERY

16.16. Output of agricultural crops

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Grain and leguminous crops	24459	38016	39271	60126	70057	75143	64933	86010	53864	59772
Winter crops	11348	19744	19899	29605	27268	31917	28038	36846	22905	23593
including										
wheat	9775	17683	16217	25937	23907	27664	24259	31369	19907	20856
rye	966	1053	463	387	393	333	455	591	309	230
barley	607	1008	3219	3281	2923	3879	3291	4856	2663	2489
Summer crops	13111	18272	19372	30521	42789	43226	36895	49164	30959	36179
of which										
wheat	422	1016	634	595	699	664	618	782	822	769
barley	6265	7967	5266	5007	4426	5038	4345	4581	2945	3018
oats	881	791	459	489	419	422	510	468	379	427
corn	3848	7167	11953	23328	35801	35880	30290	42110	26187	31030
millet	426	141	117	213	81	170	256	205	91	203
buckwheat	481	275	134	128	137	85	98	106	148	211
rice	90	93	148	63	69	55	61	49	3	11
legumes crops	652	758	592	502	955	710	600	681	334	461
Factory sugar beets	13199	15468	13749	10331	13968	10204	9150	10854	9941	13130
Sunflowers	3457	4706	6772	11181	14165	15254	13110	16392	11329	12760
Rape and colza	132	285	1470	1738	2751	3280	2557	2939	3318	4184
Soya	64	613	1680	3931	4461	3699	2798	3493	3444	4743
Potatoes	19838	19462	18705	20839	22504	20269	20838	21356	20899	21359
Vegetable crops	5821	7295	8122	9214	9440	9688	9653	9935	7512	8297
Fodder roots	6672	8015	6771	6188	6194	5809	5521	5201	5021	4845
Fodder corn	24183	12509	7511	6843	6955	6373	6621	6838	5934	6466
Annual hay grass	647	942	953	977	940	904	821	795	556	537
Perennial hay grass	2572	2969	3238	3124	3206	3243	2983	2953	2576	2461
Fruit and berry crops	1453	1690	1747	2153	2571	2119	2024	2235	1995	1996
Grapes	514	443	408	386	468	366	281	264	258	245

AGRICULTURE, FORESTRY, FISHERY

16.17. Output of agricultural crops, by category of enterprises

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Enterprises										
Grain and leguminous crops	19964	28791	29779	46507	56096	59982	51718	69689	42315	47716
Factory sugar beets	11594	12146	12663	9554	13317	9658	8627	10354	9508	12696
Sunflowers	3025	3710	5586	9549	12194	13089	11493	14214	9989	11362
Potatoes	277	239	483	456	416	373	398	495	433	422
Vegetable crops	986	781	964	1282	1357	1421	1491	1402	445	954
Fruit and berry crops	264	200	287	412	556	351	341	464	353	394
Grapes	360	258	260	206	263	144	99	101	83	82
Agricultural holdings of households										
Grain and leguminous crops	4495	9225	9492	13619	13961	15161	13215	16321	11549	12056
Factory sugar beets	1605	3322	1086	777	651	546	523	500	433	434
Sunflowers	432	996	1186	1632	1971	2165	1617	2178	1340	1398
Potatoes	19561	19223	18222	20383	22088	19896	20440	20861	20466	20937
Vegetable crops	4835	6514	7158	7932	8083	8267	8162	8533	7067	7343
Fruit and berry crops	1189	1490	1460	1741	2015	1768	1683	1771	1642	1602
Grapes	154	185	148	180	205	222	182	163	175	163

AGRICULTURE, FORESTRY, FISHERY

16.18. Share of the agricultural crop production by household holdings

(percentage of total volume)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Grain and leguminous crops	18,4	24,3	24,2	22,7	19,9	20,2	20,4	19,0	21,4	20,2
Factory sugar beets	12,2	21,5	7,9	7,5	4,7	5,4	5,7	4,6	4,4	3,3
Sunflower	12,5	21,2	17,5	14,6	13,9	14,2	12,3	13,3	11,8	11,0
Potatoes	98,6	98,8	97,4	97,8	98,1	98,2	98,1	97,7	97,9	98,0
Vegetable crops	83,1	89,3	88,1	86,1	85,6	85,3	84,6	85,9	94,1	88,5
Fruit and berry crops	81,8	88,2	83,6	80,9	78,4	83,4	83,2	79,2	82,3	80,3
Grapes	30,0	41,8	36,3	46,6	43,8	60,7	64,8	61,7	67,8	66,5

16.19. Output of grain and leguminous crops, by region

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	24459	38016	39271	60126	70057	75143	64933	86010	53864	59772
Autonomous Republic of Crimea	1064	1160	1401	...	...	...	...	...	...	...
oblasts										
Vinnitsya	1745	2035	3111	3768	5911	5936	4015	6535	3564	4992
Volyn	503	677	579	1062	1237	1293	1401	1509	1359	1372
Dnipropetrovsk	1571	2908	2709	3866	3488	4285	3540	4949	3271	3397
Donetsk	1011	1912	1797	1536	1344	1969	1988	2228	544	475
Zhytomyr	721	750	1087	1460	2424	2738	2526	3357	1987	2418
Zakarpattia	167	296	256	332	376	392	327	363	306	308
Zaporizhzhya	1150	1806	1905	2728	2233	3339	2965	3838	770	383
Ivano-Frankivsk	253	335	346	689	805	744	827	1009	844	881
Kyiv	1431	2284	2003	2820	4082	4216	2987	4567	2978	3783
Kirovohrad	1378	2479	2374	3314	3763	4346	2689	4981	3887	3992
Luhansk	442	1311	811	993	1159	1446	1376	1391	253	211
Lviv	481	627	623	1366	1440	1644	1607	1828	1904	1771
Mykolayiv	921	1763	2201	2896	2673	3138	2362	3925	2134	2413
Odesa	1581	2669	2929	3489	4320	3748	1955	5105	3062	4048
Poltava	1408	2851	2854	5363	6342	6119	5050	5980	5097	5277
Rivne	495	599	636	1102	1260	1493	1444	1727	1403	1270
Sumy	968	1119	1324	3735	4470	4432	4820	4261	3472	3574
Ternopil	741	1045	1261	2199	2632	2700	2837	3304	2643	2856
Kharkiv	1268	2407	1266	4210	3829	4416	4853	4937	2445	2466
Kherson	1166	1539	1515	2622	2268	2740	2720	3529	145 ¹	55 ¹
Khmelnyskiy	1242	1205	1743	2793	3861	3798	3985	4831	3516	3700
Cherkasy	1594	2217	2531	3745	4644	4560	2692	5150	3659	4475
Chernivtsi	326	427	488	524	586	642	578	729	665	755
Chernihiv	832	1595	1518	3514	4910	5009	5389	5977	3956	4900
city										
Sevastopol	...	...	3	...	...	...	...	...	...	...

¹See the footnote to Table 16.12

AGRICULTURE, FORESTRY, FISHERY

16.20 Output of factory sugar beets, by region

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	13199	15468	13749	10331	13968	10204	9150	10854	9941	13130
Autonomous Republic of Crimea	—	—	—	...	...	...	...	...	...	...
oblasts										
Vinnitsya	1916	2050	2457	2057	3150	1951	2001	2307	2353	2588
Volyn	486	711	474	420	528	412	337	380	381	623
Dnipropetrovsk	270	359	33	31	54	35	25	32	—	—
Donetsk	37	47	17	10	c	c	11	11	2	3
Zhytomyr	388	595	304	607	708	601	442	445	161	934
Zakarpattia	—	—	—	—	—	—	—	—	—	—
Zaporizhzhya	27	26	3	—	—	—	—	—	—	—
Ivano-Frankivsk	202	151	80	33	66	50	26	23	c	19
Kyiv	1216	1562	1094	882	1396	838	815	967	201	1177
Kirovohrad	642	699	513	483	389	484	318	449	502	392
Luhansk	78	18	0	—	0	0	—	—	—	—
Lviv	401	437	529	583	672	619	723	849	1109	968
Mykolayiv	130	146	19	85	—	—	—	—	—	—
Odesa	214	116	8	—	—	—	—	—	—	—
Poltava	975	1543	1802	1396	1473	1107	1049	1043	1072	1475
Rivne	431	582	1010	454	724	560	789	803	998	936
Sumy	773	644	336	75	140	c	c	c	—	c
Ternopil	1202	1476	1555	727	1703	1177	859	894	1204	1249
Kharkiv	1117	1103	462	539	577	250	155	253	—	—
Kherson	25	33	—	—	—	—	—	—	—	—
Khmelnyskiy	1146	1041	1606	1141	1424	1395	959	1609	1288	1774
Cherkasy	860	1253	977	491	704	399	338	485	455	683
Chernivtsi	322	181	104	6	c	c	c	c	c	c
Chernihiv	341	695	366	311	250	217	200	229	102	159
city										
Sevastopol	...	...	—	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.21. Output of sunflower, by region

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	3457	4706	6772	11181	14165	15254	13110	16392	11329	12760
Autonomous Republic of Crimea	38	26	36	...	...	...	...	...	...	...
oblasts										
Vinnitsya	67	87	275	504	808	846	773	985	751	912
Volyn	0	0	0	5	70	94	101	101	86	65
Dnipropetrovsk	452	613	856	1199	1283	1449	1013	1416	1091	1551
Donetsk	462	473	592	528	531	686	572	778	228	251
Zhytomyr	0	6	27	141	299	325	346	370	377	361
Zakarpattia	1	2	2	5	5	8	6	7	8	8
Zaporizhzhya	444	735	758	962	720	1020	827	1069	229	262
Ivano-Frankivsk	1	1	5	27	58	61	64	91	114	55
Kyiv	25	47	122	292	570	508	455	596	469	615
Kirovohrad	305	525	713	1170	1459	1540	1033	1596	1312	1563
Luhansk	238	312	383	485	721	861	678	809	123	101
Lviv	—	0	0	28	80	73	85	102	109	103
Mykolayiv	251	427	586	939	1087	1063	692	1160	623	896
Odesa	311	340	328	755	886	693	453	966	571	673
Poltava	201	288	466	848	944	979	974	996	1243	1023
Rivne	0	0	3	10	58	78	102	108	123	161
Sumy	40	27	129	471	621	777	880	782	873	615
Ternopil	1	1	13	75	191	216	285	278	335	348
Kharkiv	342	301	703	1172	1468	1481	1356	1420	697	1138
Kherson	155	289	361	486	553	641	532	672	16 ¹	60 ¹
Хмельницька	3	3	42	106	484	513	569	510	577	599
Cherkasy	107	181	303	542	641	674	569	810	658	697
Chernivtsi	6	10	8	21	52	34	53	63	48	65
Chernihiv	7	12	61	410	576	634	692	707	668	638
city										
Sevastopol	...	...	0	...	...	...	...	...	...	...

¹See the footnote to Table 16.12

AGRICULTURE, FORESTRY, FISHERY

16.22. Output of potatoes, by region

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	19838	19462	18705	20839	22504	20269	20838	21356	20899	21359
Autonomous Republic of Crimea	250	159	363	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	1418	1523	1580	1837	1908	1827	1908	1595	1747	1777
Volyn	1194	975	986	1099	1164	1174	1201	1209	1366	1326
Dnipropetrovsk	683	584	434	560	524	434	466	707	795	915
Donetsk	763	720	474	398	344	358	417	461	c	170
Zhytomyr	1065	1111	1166	1177	1879	1599	1774	1879	1897	1902
Zakarpattia	478	544	501	546	530	495	478	482	515	491
Zaporizhzhya	291	329	269	258	190	219	178	222	117	17
Ivano-Frankivsk	845	755	766	942	1010	1008	999	1024	1046	1044
Kyiv	1351	1121	1496	1434	1830	1506	1549	1519	1558	1619
Kirovohrad	317	532	416	525	576	503	515	532	504	532
Luhansk	359	670	340	208	232	209	214	201	208	159
Lviv	1510	1297	1259	1622	1698	1573	1601	1681	1831	1827
Mykolayiv	73	213	171	196	171	177	207	311	176	162
Odesa	316	406	541	495	305	381	361	324	297	274
Poltava	694	950	819	1138	1096	996	1004	1082	1262	1240
Rivne	876	912	1066	1228	1311	1285	1286	1298	1315	1324
Sumy	928	917	980	1068	1000	951	902	796	892	747
Ternopil	1043	682	831	928	1036	960	914	1045	965	971
Kharkiv	1183	1270	475	1029	1079	843	713	663	338	536
Kherson	295	207	250	287	296	259	280	426	c	...
Khmelnyskiy	1077	978	1084	1065	1387	1096	1280	1169	1179	1182
Cherkasy	940	929	760	778	916	632	729	905	951	1339
Chernivtsi	418	420	496	586	614	579	597	637	626	670
Chernihiv	1471	1258	1178	1435	1408	1205	1265	1188	1141	1135
city										
Sevastopol	...	...	4	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.23. Output of vegetable crops, by region

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	5821	7295	8122	9214	9440	9688	9653	9935	7512	8297
Autonomous Republic of Crimea	186	128	395	...	...	...	...	...	...	...
oblasts										
Vinnitsya	196	293	311	461	461	456	430	503	500	512
Volyn	111	215	249	276	280	282	280	274	292	297
Dnipropetrovsk	433	494	560	728	749	727	684	793	674	860
Donetsk	444	475	415	208	236	270	241	288	112	113
Zhytomyr	194	203	209	272	340	394	403	377	350	400
Zakarpattya	123	218	246	267	284	271	281	260	272	266
Zaporizhzhya	231	298	282	436	274	274	254	256	107	20
Ivano-Frankivsk	134	127	122	170	178	181	185	193	198	207
Kyiv	295	402	455	511	604	566	566	708	669	759
Kirovohrad	213	269	218	235	258	261	254	259	256	264
Luhansk	249	278	257	163	164	178	148	154	147	115
Lviv	269	380	412	484	513	709	807	829	847	859
Mykolayiv	174	267	354	483	516	478	575	630	148	474
Odesa	301	526	474	437	271	289	247	241	277	267
Poltava	199	350	406	517	524	546	563	567	557	563
Rivne	134	171	216	214	265	269	275	273	274	288
Sumy	138	140	154	189	201	203	205	209	213	195
Ternopil	140	145	194	255	265	283	273	270	281	305
Kharkiv	416	523	464	690	694	676	579	568	279	389
Kherson	421	526	841	1252	1317	1320	1316	1231	...	...
Khmelnyskiy	155	225	209	187	263	249	225	224	230	236
Cherkasy	344	296	281	365	355	359	388	379	397	457
Chernivtsi	146	184	219	222	238	248	254	256	238	252
Chernihiv	175	162	175	192	190	199	220	193	194	199
city										
Sevastopol	...	...	4	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.24. Output of fruit and berry crops, by region

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	1453	1690	1747	2153	2571	2119	2024	2235	1995	1996
Autonomous Republic of Crimea	133	59	102	...	...	...	...	...	...	...
oblasts										
Vinnycya	73	185	189	292	332	235	219	271	230	260
Volyn	39	28	34	38	43	40	39	41	41	42
Dnipropetrovsk	196	166	131	145	185	154	122	151	133	123
Donetsk	158	228	102	105	106	85	87	95	38	28
Zhytomyr	24	35	31	51	57	47	43	50	50	48
Zakarpattya	104	66	97	138	179	133	101	109	106	109
Zaporizhzhya	58	81	59	67	85	52	44	64	27	14
Ivano-Frankivsk	25	32	39	47	61	53	57	61	57	59
Kyiv	22	25	52	72	77	62	76	91	82	89
Kirovohrad	24	22	27	28	38	30	29	23	29	25
Luhansk	53	38	17	34	75	57	60	63	56	44
Lviv	90	74	90	107	137	123	141	131	142	147
Mykolayiv	24	37	38	36	43	28	25	29	17	17
Odesa	66	114	74	85	109	107	88	96	98	94
Poltava	22	40	101	106	126	121	124	122	124	122
Rivne	35	52	86	99	87	90	93	93	93	89
Sumy	5	9	14	17	21	18	17	17	18	15
Ternopil	11	21	18	71	88	81	83	102	101	108
Kharkiv	34	71	65	88	81	59	49	49	23	31
Kherson	65	59	59	65	74	57	45	39	...	...
Khmelnytskyi	78	149	158	205	237	205	202	218	205	211
Cherkasy	36	24	37	57	62	47	42	36	48	36
Chernivtsi	53	63	97	179	246	221	217	265	258	267
Chernihiv	25	12	16	21	22	14	21	19	19	18
city										
Sevastopol	...	...	14	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.25. Output of grapes, by region

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	513,8	442,6	407,9	386,3	467,6	366,3	281,0	264,1	257,9	244,9
Autonomous Republic of Crimea	179,4	116,3	90,5	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	0,7	2,1	2,6	4,3	4,3	3,6	3,7	3,5	3,7	3,8
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	6,0	7,3	9,6	7,5	7,9	6,5
Donetsk	16,1	11,5	6,6	3,0	6,0	6,3	5,2	5,0	2,4	1,7
Zhytomyr	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Zakarpattya	41,9	27,2	20,3	27,2	26,6	26,7	26,8	29,9	30,8	43,0
Zaporizhzhya	3,1	4,7	5,9	5,0	7,3	7,7	4,9	3,8	1,9	0,9
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	2,8	2,9	2,6	2,7	2,6	2,7
Kirovohrad	1,5	0,6	1,6	2,4	3,3	3,3	3,2	3,0	3,2	3,2
Luhansk	1,4	1,1	0,9	1,3	2,7	2,9	2,7	2,8	2,4	2,1
Lviv	1,4	1,2	1,2	1,4	1,4	1,4	1,3	1,3	1,4	1,4
Mykolayiv	30,2	37,4	38,9	50,8	62,1	30,6	21,9	17,8	34,5	27,5
Odesa	201,4	193,3	175,1	238,7	296,7	241,7	169,8	169,0	158,3	141,1
Poltava	0,4	0,6	1,8	1,9	2,4	2,7	2,7	2,7	2,7	2,8
Rivne	0,1	0,2	0,2	0,2	0,2	0,3	0,3	0,3	0,3	0,3
Sumy	0,2	0,3	0,2	0,2	0,2	0,2	0,3	0,2	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	0,7	0,7	0,7	0,6	0,3	0,4
Kherson	26,3	36,1	29,3	36,9	39,0	22,4	20,1	9,2	...	...
Khmelnyskiy	0,3	0,3	0,5	0,6	0,7	0,7	0,6	0,6	0,6	0,6
Cherkasy	0,5	0,5	0,8	1,8	2,2	2,0	1,7	1,2	1,6	3,6
Chernivtsi	1,0	0,7	0,9	1,1	1,2	1,2	1,2	1,2	1,3	1,3
Chernihiv	0,3	0,1	0,1	0,4	0,4	0,3	0,3	0,4	0,4	0,4
city										
Sevastopol	...	...	21,4	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.26. Yields of agricultural crops in 1940–2023

(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
2023	55,2	525	24,5	177	209	119,0	93,0

AGRICULTURE, FORESTRY, FISHERY

16.27. Yields of agricultural crops

(1 ha; centner)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Grain and leguminous crops	19,4	26,0	26,9	41,1	47,4	49,1	42,5	53,9	45,8	55,2
Winter crops	19,4	27,5	25,9	37,6	36,6	40,8	37,2	44,8	38,3	45,7
Including										
wheat	20,0	29,0	27,1	38,9	37,3	41,6	38,0	45,4	39,3	46,7
rye	15,2	17,3	16,6	25,9	26,6	28,9	33,3	34,6	30,8	29,4
barley	18,9	21,2	22,4	31,2	33,5	36,7	32,7	42,7	33,0	40,6
Summer crops	19,5	24,6	28,2	45,1	58,2	57,9	47,7	63,6	53,4	63,8
of which										
wheat	15,4	21,8	21,0	35,1	35,8	39,7	37,1	41,7	38,0	40,0
barley	18,6	20,6	18,3	28,5	27,5	32,4	31,8	34,3	31,5	34,2
oats	18,3	17,6	14,8	23,2	21,4	23,2	25,6	26,2	24,6	25,9
corn	30,1	43,2	45,1	57,1	78,4	71,9	56,2	76,8	63,5	78,1
millet	11,6	11,7	13,7	18,9	14,6	18,1	16,1	23,5	18,4	23,1
buckwheat	9,1	6,9	6,7	10,0	12,1	12,3	11,6	11,5	12,2	14,2
rice	35,6	43,4	50,5	53,4	54,9	52,2	54,0	49,3	41,7	49,9
legumes crops	17,0	18,9	15,1	20,4	17,2	20,4	19,3	21,9	19,1	22,4
Factory sugar beets	177	248	279	436	509	461	416	479	541	525
Sunflowers	12,2	12,8	15,0	21,6	23,0	25,6	20,2	24,6	21,6	24,5
Rape and colza	8,4	14,6	17,0	25,9	26,5	25,6	23,0	29,3	28,7	29,2
Soya	10,6	14,5	16,2	18,4	25,8	22,9	20,5	26,4	22,6	25,9
Potatoes	122	128	132	161	171	155	157	166	174	177
Vegetable crops	112	157	174	206	214	214	207	215	200	209
Fodder roots	238	273	276	289	305	302	288	294	308	309
Fodder corn	131	163	160	222	269	259	248	316	294	331
Annual hay grass	22,4	27,5	32,0	36,6	40,1	41,4	38,6	41,7	38,9	41,2
Perennial hay grass	20,6	29,7	35,8	38,1	42,3	42,5	41,0	42,5	41,9	39,7
Fruit and berry crops	38,4	63,7	78,2	104,5	128,4	108,1	105,6	117,3	116,1	119,0
Grapes	51,7	54,9	60,3	92,3	114,9	92,7	75,6	76,1	89,0	93,0

AGRICULTURE, FORESTRY, FISHERY

16.28. Yields of grain and leguminous crops in 2023, by region

(1 ha; centner)

	Grain and leguminous crops	Including					
		wheat	rye	barley	oats	corn	millet
Ukraine	55,2	46,4	29,4	36,9	25,9	78,1	23,1
Autonomous Republic of Crimea	...	...	...	...	...	...	...
oblasts							
Vinnnytsya	64,4	57,5	41,8	44,9	29,3	78,5	38,2
Volyn	47,1	44,6	25,5	32,0	21,2	91,9	17,3
Dnipropetrovsk	39,7	40,0	30,9	27,6	20,7	49,3	20,2
Donetsk	34,5	35,6	25,0	28,2	33,4	47,9	20,4
Zhytomyr	54,8	44,2	25,3	35,5	26,5	75,3	21,0
Zakarpattya	43,1	34,1	c	31,3	27,7	50,6	c
Zaporizhzhya	32,0	32,0	41,4	24,7	c	54,7	28,8
Ivano-Frankivsk	62,5	51,5	c	45,8	27,2	86,4	c
Kyiv	68,6	53,7	34,4	44,7	37,1	90,4	22,5
Kirovohrad	50,4	47,1	36,7	37,5	26,2	60,5	21,4
Luhansk	29,3	32,4	13,2	23,9	20,1	28,3	12,6
Lviv	57,5	48,7	31,0	45,0	26,8	95,6	12,6
Mykolayiv	39,1	40,8	14,5	34,6	19,0	46,2	19,7
Odesa	34,4	34,0	25,6	34,4	16,8	41,5	13,5
Poltava	63,9	50,9	34,2	35,1	28,0	77,9	29,2
Rivne	50,6	45,4	25,2	37,0	26,6	87,5	13,0
Sumy	71,2	53,3	38,2	35,3	30,4	93,6	28,3
Ternopil	68,7	59,5	54,7	48,2	29,4	107,8	12,6
Kharkiv	46,5	43,1	30,8	31,2	30,0	63,3	26,9
Kherson	...	...	...	...	...	...	...
Khmelnytskyi	71,8	64,3	35,8	51,1	33,4	95,6	38,8
Cherkasy	70,9	56,7	33,4	45,4	24,2	85,2	37,6
Chernivtsi	62,0	49,1	54,9	45,3	c	78,9	c
Chernihiv	72,6	51,7	27,9	39,0	24,5	92,6	21,6
city							
Sevastopol	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.29. Yields of agricultural crops in 2023, by region

(1 ha; centner)

	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops	Fruit and berry crops
Ukraine	525,3	24,5	176,5	209,2	119,0
Autonomous Republic of Crimea	...	...	...	...	...
oblasts					
Vinnitsya	476,8	31,3	170,5	215,8	117,7
Volyn	603,8	23,1	157,1	217,5	103,4
Dnipropetrovsk	—	22,3	142,2	210,3	91,0
Donetsk	261,3	21,2	113,4	171,8	133,3
Zhytomyr	503,6	26,6	194,6	231,3	120,4
Zakarpattya	—	28,6	165,1	214,7	86,1
Zaporizhzhya	—	23,3	111,8	202,4	108,4
Ivano-Frankivsk	566,3	30,8	171,0	184,8	78,2
Kyiv	578,2	28,4	194,1	207,4	104,1
Kirovohrad	387,1	24,7	128,5	152,1	63,0
Luhansk	—	16,3	194,4	267,8	144,0
Lviv	659,0	26,5	183,8	197,3	110,5
Mykolayiv	—	21,1	125,9	385,8	55,1
Odesa	—	18,4	125,0	193,3	128,7
Poltava	525,7	25,7	228,5	230,6	235,8
Rivne	481,2	26,1	184,1	229,0	132,1
Sumy	c	23,8	170,2	190,2	48,6
Ternopil	554,2	34,7	178,0	243,8	190,3
Kharkiv	—	21,8	122,6	166,0	60,9
Kherson	—	...	...	...	...
Khmelnyskiy	579,5	34,4	192,7	213,4	175,3
Cherkasy	444,9	29,3	257,6	195,9	70,9
Chernivtsi	c	31,6	190,2	191,8	175,2
Chernihiv	604,2	25,5	167,2	176,6	61,2
city					
Sevastopol	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.30. Use of fertilisers in enterprises¹

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Mineral fertilisers (in nutrients)										
Amounts of fertilizers used for harvest, thsd.t	281,9	560,5	1064,2	1415,0	2150,6	2142,5	2488,7	2584,1	1831,9	1400,0
Including for seeds of agricultural crops	278,7	557,9	1060,6	1412,0	2147,4	2138,5	2483,9	2579,5	1828,1	1396,3
Fertilized area, mln.ha	4,6	7,8	12,6	14,5	16,1	16,4	16,4	16,8	12,7	11,4
Share of area fertilizer-treated, percent	22	45	70	81	91	91	93	92	88	87
Amounts of fertilizers used for harvest, per 1 ha of area, kg										
sown area revised	13	32	58	79	121	119	140	142	126	107
tilled area	60	72	84	98	134	131	152	154	144	122
Organic fertilizers										
Amounts of fertilizers used for harvest, thsd.t	28964,1	13387,3	9963,6	9662,7	10674,7	10429,8	10222,9	10745,9	9728,2	8890,7
Including for seeds of agricultural crops	28410,1	13245,8	9874,1	9636,3	10643,6	10405,7	10210,0	10721,0	9716,2	8878,7
Fertilized area, mln.ha	0,7	0,5	0,4	0,4	0,8	0,8	1,0	1,0	0,7	0,7
Share of area fertilizer-treated, percent	3	3	2	3	4	4	5	6	5	5
Amounts of fertilizers used for harvest, per 1 ha of area, kg										
sown area revised	1325	767	544	539	599	578	576	590	670	677
tilled area	39762	28473	24350	21811	13633	13419	10600	10381	13222	12802

¹ By the range of enterprises defined by statistical methodology

16.31. Utilization of pesticides at enterprises¹

	2018	2019	2020	2021	2022	2023
Amounts of pesticides used for harvest, thsd.t	25,3	24,3	24,6	27,0	19,4	19,4
including for seeds of agricultural crops	24,8	23,9	24,2	26,5	19,1	19,1
Area treated with pesticides, mln.ha	16,0	16,1	16,2	16,6	12,9	12,0
Share of pesticide-laden area, percent	89,4	89,5	91,3	91,4	89,0	91,6
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	1,5
tilled area	1,6	1,5	1,5	1,6	1,5	1,6

¹ See the footnote to Table 16.30

AGRICULTURE, FORESTRY, FISHERY

CATTLE RAISING

16.32. Number of livestock animals in 1915–2023

(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
2023	2156	1263	5094	906	488	145	184,7

AGRICULTURE, FORESTRY, FISHERY

16.33. Number of livestock animals, by category of enterprises

(end of year; thsd. heads)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
All categories										
Cattle	9424	6514	4494	3750	3333	3092	2874	2644	2307	2156
of which cows	4958	3635	2631	2167	1919	1789	1673	1544	1353	1263
Pigs	7652	7053	7960	7079	6025	5727	5876	5609	4948	5094
Sheep and goats	1875	1630	1732	1325	1269	1205	1140	1094	941	906
of which sheep	963	872	1101	744	699	659	621	607	519	488
Poultry, mln. heads	123,7	162,0	203,8	204,0	211,7	220,5	200,6	202,2	180,5	184,7
Enterprises										
Cattle	5037	2492	1526	1270	1138	1050	1008	1003	942	920
of which cows	1851	866	589	505	468	439	424	425	394	382
Pigs	2414	2602	3625	3704	3395	3300	3629	3577	3144	3367
Sheep and goats	413	271	299	187	182	169	151	168	141	130
of which sheep	412	269	295	181	173	159	140	156	127	117
Poultry, mln. heads	25,3	66,6	110,5	112,0	118,8	127,8	109,7	113,5	101,8	106,2
Agricultural holdings of households										
Cattle	4387	4022	2968	2480	2195	2042	1866	1641	1365	1236
of which cows	3107	2769	2042	1662	1451	1350	1249	1119	959	881
Pigs	5238	4451	4335	3375	2630	2427	2247	2032	1804	1727
Sheep and goats	1462	1359	1433	1138	1087	1036	989	926	800	776
of which sheep	551	603	806	563	526	500	481	451	392	371
Poultry, mln. heads	98,4	95,4	93,3	92,0	92,9	92,7	90,9	88,7	78,7	78,5

AGRICULTURE, FORESTRY, FISHERY

16.34. Number of livestock animals in 2023, by region

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry, mln. heads
	total	of which cows			
Ukraine	2156	1263	5094	906	184,7
Autonomous Republic of Crimea	...	...	...	...	...
oblasts					
Vinnnytsya	161	90	185	25	34,7
Volyn	94	62	223	19	8,2
Dnipropetrovsk	77	42	290	36	20,3
Donetsk	9	5	196	7	0,5
Zhytomyr	106	73	139	16	6,8
Zakarpattya	105	65	211	120	3,1
Zaporizhzhya	6	4	30	5	0,6
Ivano-Frankivsk	87	55	309	27	4,2
Kyiv	100	48	637	40	21,8
Kirovohrad	64	38	193	25	3,8
Luhansk	17	9	12	15	0,4
Lviv	83	58	424	25	11,0
Mykolayiv	52	34	68	37	1,4
Odesa	127	81	142	259	1,8
Poltava	172	91	276	40	5,2
Rivne	71	53	218	20	8,1
Sumy	84	46	69	22	3,6
Ternopil	130	81	377	18	5,5
Kharkiv	86	42	91	25	4,6
Kherson	6	4	4	2	0,3
Khmelnyskiy	213	118	378	40	7,7
Cherkasy	121	57	326	23	24,6
Chernivtsi	63	42	114	41	3,4
Chernihiv	122	65	182	19	3,1
city					
Sevastopol	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.35. Output of animal products in 1940–2023

	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
2023	2240	7430	11379	1187

AGRICULTURE, FORESTRY, FISHERY

16.36. Output of animal products, by category of enterprises

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
All categories										
Meat (slaughter weight), thsd.t	1663	1597	2059	2323	2355	2492	2478	2438	2207	2240
of which										
beef and veal	754	562	428	384	359	370	345	311	268	257
pork	676	494	631	760	703	708	697	724	659	638
poultry	193	497	954	1144	1259	1382	1405	1374	1253	1318
Milk, thsd.t	12658	13714	11249	10615	10064	9663	9264	8714	7768	7430
Eggs, mln.pcs	8809	13046	17052	16783	16132	16678	16167	14071	11922	11379
Wool, t	3400	3195	4192	2270	1908	1734	1573	1497	1237	1187
Enterprises										
Meat (slaughter weight), thsd.t	438	588	1134	1464	1534	1698	1704	1720	1608	1680
of which										
beef and veal	305	154	105	94	88	102	85	78	81	85
pork	91	111	256	400	360	385	385	432	407	405
poultry	36	320	772	968	1085	1210	1232	1209	1119	1187
Milk, thsd.t	3669	2582	2217	2669	2755	2728	2761	2768	2644	2810
Eggs, mln.pcs	2977	6458	10249	9762	8900	9358	8913	7013	5786	5655
Wool, t	1311	692	710	314	236	200	146	151	94	117
Agricultural holdings of households										
Meat (slaughter weight), thsd.t	1225	1009	925	859	821	794	774	718	599	560
of which										
beef and veal	449	408	323	290	271	268	260	233	187	172
pork	585	383	375	360	343	323	312	292	252	233
poultry	157	177	182	176	174	172	173	165	134	131
Milk, thsd.t	8989	11132	9032	7946	7309	6935	6503	5946	5124	4620
Eggs, mln.pcs	5832	6588	6803	7021	7232	7320	7254	7058	6136	5724
Wool, t	2089	2503	3482	1956	1672	1534	1427	1346	1143	1070

16.37. Share of animal products production by household holdings

(percentage of total volume)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Meat (slaughter weight)	73,7	63,2	44,9	37,0	34,9	31,9	31,2	29,5	27,1	25,0
Milk	71,0	81,2	80,3	74,9	72,6	71,8	70,2	68,2	66,0	62,2
Eggs	66,2	50,5	39,9	41,8	44,8	43,9	44,9	50,2	51,5	50,3
Wool	61,4	78,3	83,1	86,2	87,6	88,5	90,7	89,9	92,4	90,1

AGRICULTURE, FORESTRY, FISHERY

16.38. Output of meat, by region

(slaughter weight; thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	1663	1597	2059	2323	2355	2492	2478	2438	2207	2240
Autonomous Republic of Crimea	69	115	144	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	93	49	62	309	351	459	473	471	478	482
Volyn	43	59	94	121	114	115	118	117	108	98
Dnipropetrovsk	85	118	207	230	247	254	259	290	263	286
Donetsk	86	89	103	90	85	84	85	85	51	25
Zhytomyr	64	45	48	53	55	57	55	52	43	45
Zakarpattia	45	44	50	53	57	58	56	52	51	55
Zaporzhzhya	74	52	57	61	49	46	44	41	18	4
Ivano-Frankivsk	52	56	64	86	85	91	94	97	98	103
Kyiv	116	165	193	216	228	217	215	150	149	155
Kirovohrad	53	45	46	53	51	50	52	52	50	54
Luhansk	51	48	45	22	7	9	8	9	6	5
Lviv	69	82	115	120	131	130	129	147	147	152
Mykolayiv	49	28	29	33	34	31	28	25	21	21
Odesa	89	51	46	49	42	39	36	32	30	32
Poltava	67	40	50	76	69	71	63	68	69	68
Rivne	60	46	50	54	58	56	54	55	50	54
Sumy	68	56	40	44	45	47	46	39	23	21
Ternopil	48	40	37	55	57	58	57	68	71	69
Kharkiv	84	95	83	94	81	88	88	73	28	31
Kherson	56	40	42	49	41	40	37	33	7	5
Khmelnyskiy	74	48	48	65	67	68	61	64	66	70
Cherkasy	74	102	326	314	330	349	343	348	314	336
Chernivtsi	29	31	39	41	40	41	42	37	34	36
Chernihiv	65	53	40	35	31	34	35	33	32	33
city										
Sevastopol	...	...	1	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.39. Output of milk, by region

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	12658	13714	11249	10615	10064	9663	9264	8714	7768	7430
Autonomous Republic of Crimea	403	347	348	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	655	849	836	838	825	763	730	686	631	596
Volyn	458	551	450	425	391	369	354	338	324	291
Dnipropetrovsk	522	494	340	345	294	285	275	246	229	216
Donetsk	473	514	339	228	186	174	156	144	62	26
Zhytomyr	656	732	578	578	553	518	506	488	464	425
Zakarpattya	360	396	392	358	346	350	337	312	298	284
Zaporizhzhya	354	384	262	261	244	220	202	181	106	16
Ivano-Frankivsk	523	576	466	474	441	429	410	393	370	341
Kyiv	679	693	451	446	433	396	384	368	321	329
Kirovohrad	385	395	343	311	308	300	272	269	273	270
Luhansk	318	409	284	159	127	114	111	102	73	58
Lviv	1032	930	656	571	507	481	460	425	388	323
Mykolayiv	347	432	364	344	325	299	279	246	197	190
Odesa	532	606	404	385	335	321	309	291	287	286
Poltava	589	754	701	794	762	759	734	691	663	661
Rivne	436	502	433	437	397	358	337	283	274	289
Sumy	480	498	431	418	411	396	386	355	293	278
Ternopil	506	485	417	461	450	455	468	463	494	505
Kharkiv	540	567	467	524	527	519	470	427	212	214
Kherson	320	357	306	300	284	283	266	238	65	70
Khmelnyskiy	657	722	608	581	624	636	652	654	673	679
Cherkasy	499	519	479	530	484	467	461	436	442	455
Chernivtsi	333	368	308	294	273	260	248	236	227	218
Chernihiv	601	634	581	553	537	511	457	442	402	410
city										
Sevastopol	...	...	5	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.40. Output of eggs, by region

(mln.pcs)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	8809	13046	17052	16783	16132	16678	16167	14071	11922	11379
Autonomous Republic of Crimea	447	582	799	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	349	570	798	857	918	934	868	709	606	634
Volyn	159	219	182	194	203	205	207	207	195	190
Dnipropetrovsk	437	881	998	924	842	846	761	721	673	646
Donetsk	854	1389	1868	629	696	890	921	602	245	57
Zhytomyr	271	441	489	590	696	694	706	719	691	686
Zakarpattya	230	299	317	340	391	411	395	377	367	352
Zaporizhzhya	345	557	740	721	667	679	575	372	190	69
Ivano-Frankivsk	236	347	731	593	423	487	557	276	266	263
Kyiv	787	1463	2007	2743	3244	3310	3443	3323	2596	2460
Kirovohrad	179	283	499	506	463	583	592	469	457	447
Luhansk	380	609	844	125	72	73	70	79	48	36
Lviv	466	548	577	537	561	581	579	599	602	618
Mykolayiv	164	314	573	284	240	275	201	157	136	138
Odesa	657	684	584	355	252	205	176	137	118	101
Poltava	405	538	620	668	810	829	678	630	724	746
Rivne	194	328	434	565	624	642	614	634	665	660
Sumy	285	371	268	415	391	411	394	349	262	250
Ternopil	234	290	370	490	534	588	583	533	480	592
Kharkiv	479	752	1101	700	604	707	636	481	308	256
Kherson	190	250	437	1578	1127	870	809	658	155	60
Khmelnyskiy	160	193	392	1641	1090	1027	973	725	884	933
Cherkasy	379	535	747	669	660	793	802	753	729	648
Chernivtsi	183	244	408	364	336	348	344	280	275	277
Chernihiv	339	359	257	295	288	290	283	281	250	260
city										
Sevastopol	...	...	12	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.41. Productivity of livestock animals

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Average milk yield per one cow, kg										
All categories	2359	3487	4082	4644	4922	4976	5129	5155	5119	5476
Enterprises	1588	2952	3975	5352	6190	6101	6634	6863	6611	7568
Agricultural holdings of households	2960	3643	4110	4437	4559	4630	4666	4604	4569	4664
Average shearing of wool per one sheep, kg										
All categories	3,0	3,5	3,4	2,9	2,7	2,6	2,7	2,9	2,7	2,8
Enterprises	2,4	2,6	2,3	1,7	1,5	1,5	1,5	1,6	1,2	1,2
Agricultural holdings of households	3,8	3,8	3,8	3,3	3,0	2,9	3,0	3,3	3,0	3,3

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

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
<i>(kg)</i>										
All categories										
Cattle	320	381	427	448	464	470	479	470	470	479
Pigs	101	112	109	112	111	113	113	114	114	116
Sheep and goats	40	44	47	50	52	51	50	52	75	55
Enterprises										
Cattle	311	375	409	439	456	470	478	476	471	482
Pigs	91	110	108	112	111	113	113	114	c	116
Sheep and goats	35	42	47	50	49	c	c	c	76	c
Agricultural holdings of households										
Cattle	328	386	452	502	497	469	484	438	464	465
Pigs	116	138	132	119	140	154	125	123	c	—
Sheep and goats	42	44	48	54	69	c	c	c	68	c

AGRICULTURE, FORESTRY, FISHERY

16.43. Average milk yield per one cow by region

(kg)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	2359	3487	4082	4644	4922	4976	5129	5155	5119	5476
Autonomous Republic of Crimea	2503	3415	3639	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	2316	3658	4570	5137	5472	5585	5757	5892	5967	6178
Volyn	2147	3239	3673	4082	4446	4503	4611	4724	4891	4608
Dnipropetrovsk	2231	3710	4018	4387	3975	4075	4075	3770	4513	4656
Donetsk	2399	4213	4438	4426	5406	5307	5171	5394	2491	5144
Zhytomyr	2121	3358	4024	4877	5087	4620	4958	4976	4982	5122
Zakarpattya	2554	2829	3582	3634	3854	3872	3732	3474	3677	3777
Zaporizhzhya	2116	4100	4041	4266	4269	4283	4465	4535	3541	4132
Ivano-Frankivsk	2475	3262	3647	4354	4798	4902	5071	5166	5375	5405
Kyiv	2597	4262	5248	6048	6881	6594	6898	6970	6471	6891
Kirovohrad	2553	3837	4630	4984	5491	5716	5527	5559	6003	6116
Luhansk	2134	3724	4296	4197	4772	4510	5309	5304	4142	5206
Lviv	3132	3590	3861	4180	4514	4654	4881	5022	5085	5012
Mykolayiv	2037	3482	3839	4110	4275	4859	5092	5112	4539	5640
Odesa	2263	3178	3697	3502	3388	3331	3329	3312	3652	3799
Poltava	2352	3963	4826	6016	6120	6133	6262	6306	6378	6647
Rivne	2131	3107	3682	4206	4178	4304	4494	4238	4449	5003
Sumy	2271	3084	4142	4940	5083	5099	5366	5217	5155	5573
Ternopil	2508	3107	3563	4561	5119	5171	5352	5369	5684	5944
Kharkiv	2137	3537	4560	5483	5800	5792	5821	5783	3790	5241
Kherson	2122	3301	3790	4163	4218	4525	5073	5459	4274	4340
Khmelnyskiy	2383	3329	3816	4175	4658	4841	5119	5276	5429	5550
Cherkasy	2389	3732	4682	5724	6111	6276	6601	6615	7155	7619
Chernivtsi	2620	3645	4084	4764	4926	4890	4898	4778	4734	4737
Chernihiv	2177	3159	4075	4735	5223	5268	5233	5534	5425	5952
city										
Sevastopol	...	...	3670	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.44. Animal products supplied for processing enterprises

(thsd.t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
--	------	------	------	------	------	------	------	------	------	------

Livestock animals (live weight)

Supply, total¹ 451,9 489,0 1442,9 1689,9 1752,3 1891,5 1778,2 1826,9 1832,0 1890,4

including purchased
from

enterprises 213,4 288,7 406,6 376,5 302,7 300,0 272,7 253,4 311,6 310,5

agricultural holdings
of households 238,5 200,3 106,1 18,7 24,8 21,3 10,0 11,8 7,1 10,2

out of the total by type of agricultural animals

cattle 341,9 334,9 224,7 123,8 124,4 120,6 83,6 88,7 69,6 87,8

pigs 74,5 107,7 230,4 325,3 308,5 317,3 303,1 318,0 368,0 340,6

poultry 16,7 38,3 947,8 1203,3 1317,8 1451,7 1389,4 1418,4 1393,7 1461,0

Milk

Supply, total¹ 3334,8 5689,0 4793,2 4251,2 4179,2 3800,0 3511,8 3197,8 2767,5 2918,4

including purchased
from

enterprises 1819,6 1874,7 2193,0 2743,7 2719,9 2610,4 2556,0 2477,9 2329,8 2559,7

agricultural holdings
of households 1515,2 3814,3 2544,2 1346,1 1088,6 851,1 733,1 554,0 354,6 315,7

¹ From 2010, including goods for processing and own production of processing enterprises

AGRICULTURE, FORESTRY, FISHERY

FORESTRY

16.45. 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

16.46. Harvesting forest products by type

(thsd.cub.m)

	2000	2005	2010	2015	2020 ¹	2021 ¹	2022 ¹	2023 ¹
Roundwood, total	11261,7	15244,3	16145,6	19267,7	16773,0	16666,9	15085,1	15252,1
Industrial roundwood, total	5239,2	6617,0	7536,0	8302,6	8996,3	8214,8	6395,8	6640,0
coniferous species	...	...	...	6647,4	7343,8	6552,4	4823,3	5149,7
non-coniferous	...	...	...	1655,2	1652,5	1662,4	1572,5	1490,3
<u>Wood fuel</u>	6022,5	8627,3	8609,6	10965,1	7776,7	8452,1	8689,3	8612,1

¹Source: the State Forest Agency of Ukraine

16.47. Forest products sold in 2023¹

	Number, thsd.cub.m	Value, mln. UAH	Average selling price, UAH for cub.m
Roundwood, total	14246,0	23407,6	1643,1
Industrial roundwood, total	5990,7	15735,4	2626,6
coniferous	4533,7	8305,0	1831,9
non-coniferous	1457,0	7430,4	5099,7
<u>Wood fuel</u>	8255,3	7672,2	929,4

¹ See the footnote to Table 16.46

AGRICULTURE, FORESTRY, FISHERY

16.48 Harvesting wood

	Roundwood, thsd.cub.m						
	2005	2010	2015	2020 ¹	2021 ¹	2022 ¹	2023 ¹
Total	15244,3	16145,6	19267,7	16773,0	16666,9	15085,1	15252,1
including							
main use felling	6455,9	7239,0	8391,8	6598,6	6646,4	5848,8	6 424,0
forest felling of formation and forest rehabilitation	8460,5	8843,4	10767,8	10046,3	9722,9	9115,6	8 756,8
improvement felling	1574,0	1255,0	1101,9	1102,3	1688,8	2181,0	2305,9
sanitation felling	5063,7	6553,6	8994,6	8253,5	7332,4	6316,1	5978,1
other felling	327,9	63,2	108,1	128,1	297,6	120,7	71,3

¹ See the footnote to Table 16.46

16.49. Harvesting wood by species composition of forest range

	Harvesting wood, thsd.cub.m				
	2018	2020 ¹	2021 ¹	2022 ¹	2023 ¹
Total	22529,7	17826,2	17649,4	15934,3	15693,9
Conifers	15197,7	11575,9	10825,4	8876,1	9139,3
Hard-wooded broad leaved	5602,5	4547,0	4813,6	5095,2	4647,4
Soft-wooded broadleaved	1716,9	1672,5	1971,8	1918,2	1859,6
Other woody species	9,3	30,8	38,6	44,8	47,6

¹ See the footnote to Table 16.46

AGRICULTURE, FORESTRY, FISHERY

16.50. Roundwood by region

(thsd.cub.m)

	2015	2020 ¹	2021 ¹	2022 ¹	2023 ¹
Ukraine	19267,7	16773,0	16666,9	15085,1	15252,1
Autonomous Republic of Crimea	...	...	...	...	...
oblasts					
Vinnnytsya	686,6	584,2	579,5	651,4	597,3
Volyn	1127,6	1202,9	1040,1	1177,1	1143,7
Dnipropetrovsk	83,6	67,2	69,5	66,7	33,0
Donetsk	88,6	52,7	53,4	17,5	39,9
Zhytomyr	3127,3	2876,0	2710,5	2410,3	2581,3
Zakarpattia	1451,2	840,3	822,2	783,9	689,2
Zaporizhzhya	30,8	17,9	16,4	2,4	0,9
Ivano-Frankivsk	1223,6	831,4	815,3	820,5	798,0
Kyiv	1565,8	1728,5	1611,1	1248,9	1253,0
Kirovohrad	217,5	180,0	193,0	237,5	238,7
Luhansk	169,0	176,2	315,2	34,7	...
Lviv	1284,4	1015,9	1129,3	1235,1	1010,9
Mykolayiv	37,2	22,4	22,3	32,5	30,8
Odesa	106,2	34,1	54,4	83,4	76,0
Poltava	491,3	373,4	375,7	336,6	350,8
Rivne	1528,9	1470,7	1431,0	1423,2	1379,4
Sumy	982,6	1002,1	994,9	820,8	941,7
Ternopil	279,9	244,9	257,9	276,0	283,0
Kharkiv	476,7	459,6	507,6	259,5	330,7
Kherson	76,6	49,1	54,9	9,4	0,4
Khmelnyskiy	698,6	649,3	710,2	753,5	763,6
Cherkasy	699,0	785,7	782,0	815,7	811,1
Chernivtsi	828,5	540,4	552,0	493,8	499,0
Chernihiv	1575,0	1568,1	1568,5	1094,7	1399,7
city					
Kyiv	431,2	—	—	—	—
Sevastopol	...	...	...	...	...

¹ See the footnote to Table 16.46

AGRICULTURE, FORESTRY, FISHERY

16.51. 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
2023	170	2258	c	65	c	—	c

16.52. Forestation area

(thsd.ha)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Forestation area	37,8	58,6	70,1	60,4	51,5	48,8	44,8	49,3	36,9	41,2
including by form of reproduction										
reforestation	37,8	58,6	42,3	57,9	49,3	46,6	42,5	45,6	34,1	34,6
including										
planting and sowing	29,8	45,8	...	37,9	32,4	29,9	28,0	30,2	24,6	24,7
natural reproduction	8,0	12,8	...	20,0	16,9	16,7	14,5	15,4	9,5	0,9
afforestation	...	...	27,8	2,5	2,2	2,2	2,3	3,7	2,8	6,6
including										
planting and sowing	...	...	...	2,5	2,2	2,2	2,3	3,2	2,0	6,2
natural reproduction	...	...	...	0,0	0,0	0,0	0,0	0,5	0,8	0,4

16.53. Afforestation by plant species composition

(ha)

	2015	2018	2019	2020	2021	2022	2023
Afforestation	2521	2257	2197	2309	3734	2768	6633
pine	1262	896	771	627	1223	1313	2128
spruce	6	5	7	14	61	133	22
other conifers	10	3	21	9	53	90	23
oak	301	669	661	756	1177	622	3921
beech	6	—	—	3	19	16	96
other hard-wooded broad leaved	844	547	660	787	969	373	231
birch	18	72	22	25	76	93	89
aspens	2	—	—	3	20	8	18
alder	27	20	25	57	76	83	74
other soft-wooded broadleaved	38	12	8	5	6	27	—
other woody species	7	33	22	20	49	7	31
shrubs	—	2	—	—	3	5	—

AGRICULTURE, FORESTRY, FISHERY

16.54. Forestation by forest planting and sowing, by region

(ha)

	2000 ¹	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	29802	45855	56076	40417	34656	32139	30225	30249	24554	30951
Autonomous Republic of Crimea	89	30	1411	...	...	...	...	...	...	...
oblasts										
Vinnycya	1008	1276	2791	1963	1559	1403	1335	1168	1015	307
Volyn	1776	3093	2400	2108	2408	2771	3145	2749	1754	169
Dnipropetrovsk	522	406	1907	246	92	252	309	149	180	50
Donetsk	403	583	1987	241	212	210	163	112	—	—
Zhytomyr	3605	5308	4282	6416	5825	5694	5482	7137	7240	1260
Zakarpattia	1687	1955	1122	1361	891	822	769	758	727	7
Zaporizhzhya	438	624	2004	363	616	471	444	24	—	—
Ivano-Frankivsk	1577	1699	1080	1772	1468	1060	897	864	696	46
Kyiv	2121	3437	2307	3753	3562	3060	2516	2074	1273	154
Kirovohrad	389	844	2268	729	423	440	346	204	152	—
Luhansk	1756	4160	5849	437	814	982	776	1002	—	—
Lviv	2572	4138	2422	2413	1870	1458	1206	1276	1195	345
Mykolayiv	292	666	2498	148	12	177	223	26	1	—
Odesa	352	389	3218	265	119	37	59	5	—	—
Poltava	552	1701	2035	1810	1227	1062	931	1108	1065	—
Rivne	1868	2997	3505	4249	4508	3748	3800	3704	3045	247
Sumy	1383	1921	2214	1935	1464	1487	1384	1533	1249	237
Ternopil	760	959	839	716	682	630	605	368	284	150
Kharkiv	1587	1775	1068	844	542	512	459	249	196	6
Kherson	105	578	1581	690	123	67	134	355	—	—
Khmelnytskyi	1120	1884	2053	1432	1314	1344	1202	1044	787	215
Cherkasy	1020	949	1393	1313	1281	1206	1081	1212	819	31
Chernivtsi	834	1391	1103	990	411	403	383	453	435	8
Chernihiv	1903	2894	2656	3977	3002	2695	2463	2648	2417	539
cities										
Kyiv	82	174	51	246	240	148	113	27	24	27180
Sevastopol	1	24	32	...	...	...	...	...	...	...

AGRICULTURE, FORESTRY, FISHERY

16.55. Forest cultivation work and forest protection measures

(thsd. ha)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Area for shifting crops into the wooded lands	26,9	26,5	40,0	45,5	41,0	41,1	40,0	39,4	38,5	34,3
Area for shifting the natural renewal into the wooded lands	5,2	7,8	14,8	15,3	16,4	18,2	17,9	18,3	17,3	16,7
Planted area where the forest protection measures were implemented, total	174,3	234,8	81,9	46,0	104,5	96,6	94,7	80,5	63,9	70,3
forest protection from pests and diseases by biological method	159,1	188,6	68,4	31,6	96,9	94,4	85,6	78,4	63,9	70,2
forest protection from pests and diseases by chemical method	15,2	46,2	13,5	14,4	7,6	2,2	9,1	2,1	...	0,1
Area where the new outbreaks of forest pest and diseases were located, total	135,7	151,1	113,0	120,1	240,3	234,3	202,8	266,4	171,4	148,5
pests	98,9	100,5	46,7	60,2	133,2	138,2	110,3	160,4	72,3	77,4
diseases	36,8	50,6	66,3	59,9	107,1	96,1	92,5	106,0	99,1	71,1
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	242,9	183,6	222,9	38,3	32,7	132,3
pests	41,9	191,3	48,6	68,6	164,4	115,8	121,1	25,3	21,2	71,0
diseases	29,9	32,6	52,4	54,5	78,5	67,8	101,8	13,0	11,5	61,3

16.56. Area of forest ranges dying

(ha)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Area of forest ranges dying	8908	12085	20864	27768	15069	12398	39756	9518	12390	7806
Including										
Pests	388	860	1295	1183	8762	6223	5492	2785	3690	2811
Diseases	1278	3294	5632	7258	2464	2808	2079	1503	1429	1792
adverse weather conditions	6421	6064	10113	8350	2605	2817	3919	2524	902	774
forest fires	696	1437	3127	8564	1085	395	28056	2607	6310	2290
Other	125	430	697	2413	153	155	210	99	59	139

16.57. Forest fires¹

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Incidents	3696	4223	3240	3813	1301	1263	2608	660	1052	1278
Forest areas suffered from fires, thsd. ha	1,6	2,3	3,7	14,7	1,5	1,1	75,0	0,3	15,8	51,0
Losses due to forest fires, mln. UAH	1,4	3,5	26,7	20,2	29,5	6,8	19,1	2,1	300,4	2047,4

¹ Since 2018, the State Emergency Service of Ukraine

AGRICULTURE, FORESTRY, FISHERY

FISHERY

 16.58. Harvesting of water bio-resources, by type¹

(t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Water bio-resources	350087	265585	218681	88552	86223	92682	76508	69873	31597	35490
Fish	346699	234185	215017	73963	64738	58096	48229	41816	22536	23493
including										
European anchovy (Azov anchovy)	...	...	...	1244	685	760	1081	294	c	c
Grass carp	...	...	...	485	518	511	594	596	461	380
Silverside	...	...	...	305	620	410	241	368	70	38
Bullhead	752	9607	8888	15651	11770	10136	4988	2368	2	...
Pondweed bug	...	...	...	244	267	245	209	102	4	c
Redeye	...	...	...	147	202	188	140	156	120	186
Crucian carp	...	...	...	5305	8133	8848	8443	8741	5277	4132
Flounder	...	216	215	86	131	131	157	288	2	c
Sprat (Black and Caspian Sea)	...	...	...	1653	4390	5033	4110	4021	—	139
Carp	8519	10531	9858	9807	9184	7570	6960	6378	5656	5416
Bream	2209	1979	2713	2948	3259	3035	2742	2854	1884	2398
Perch	...	...	...	270	462	526	487	421	c	319
Herring	73	270	485	155	153	375	240	430	c	88
Sturgeon	...	6	21	36	71	37	23	33	21	29
Mugil soiuy, mullet	5459	6035	3837	379	931	943	582	332	218	470
Silver breams	...	...	...	881	1219	1201	1390	1163	815	1120
Bruise	...	...	...	137	248	210	254	263	290	297
Fresh-water catfish	...	46	207	289	340	418	384	383	196	301
Pike-perch	1183	423	367	733	1043	1034	911	924	572	1398
Roach (dace)	2421	1077	688	2412	2550	2490	2609	2596	1683	1972
Silver carp	15239	14705	11752	11523	9957	9149	8539	7672	4214	3822
Trout	...	26	171	405	370	304	307	333	345	423
Cekhonya	...	...	...	94	141	118	117	113	96	95
Pike	...	183	197	297	277	308	296	193	162	209
Other water living resources	3388	31400	3664	14589	21485	34586	28279	28057	9061	11997
including										
Crustaceans	10	14077	41	13081	15631	23164	21803	22496	9047	11997
Molluscs	3353	17256	2732	900	c	c	6475	5114	14	...

¹ From 2010 data include fishing by natural persons-entrepreneurs

AGRICULTURE, FORESTRY, FISHERY

16.59. Harvesting of water bio-resources, by region¹

(t)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	350087	265585	218681	88552	86223	92682	76508	69873	31597	35490
Autonomous Republic of Crimea	126698	34269	15207	...	...	...	...	...	...	...
oblasts										
Vinnycya	1824	1817	1926	2037	1974	1976	1544	1324	1189	976
Volyn	261	401	423	772	537	455	513	517	577	463
Dnipropetrovsk	2717	1997	1794	2035	3598	3700	4427	3591	686	1589
Donetsk	7777	10811	9887	6362	6285	4315	2847	1993	68	427
Zhytomyr	911	833	534	609	838	841	412	474	320	208
Zakarpattia	281	388	377	402	316	228	147	208	133	151
Zaporizhzhya	3722	9668	11926	22522	12849	9126	5750	3283	102	8
Ivano-Frankivsk	357	551	507	610	629	517	593	563	471	475
Kyiv	2002	1393	1999	3653	3656	3614	3231	2135	1655	1378
Kirovohrad	1363	1128	1553	1832	2424	1137	1412	1376	1544	1514
Luhansk	1196	370	513	c	173	134	156	115	—	—
Lviv	1312	1575	1287	809	875	755	656	1037	1031	1023
Mykolayiv	2944	761	3000	1934	18778	26231	23169	24862	9404	12437
Odesa	31512	23258	19527	22245	12802	17059	11313	10473	3036	3609
Poltava	3288	2163	1379	1113	1077	1279	1305	1748	1688	1692
Rivne	504	601	486	520	595	367	445	470	302	214
Sumy	1925	2329	2112	2534	2304	1888	1740	1126	655	533
Ternopil	286	408	745	239	344	412	389	349	364	446
Kharkiv	1025	987	1131	1248	1077	954	1022	719	606	262
Kherson	5816	6840	4801	4530	5590	6476	5756	4291	c	...
Khmelnyskiy	700	746	176	479	668	607	552	539	1319	1378
Cherkasy	5175	4448	5254	5856	5823	5914	5429	6909	5789	5710
Chernivtsi	522	464	487	1081	744	809	586	808	524	863
Chernihiv	397	707	1148	1055	734	599	325	123	68	64
cities										
Kyiv	2240	—	19193	c	1533	3289	2789	840	c	70
Sevastopol	143332	156672	111309	...	...	...	...	...	...	...

¹ See the footnote to Table 16.58

17. CONSTRUCTION

The **construction work**, according to *the Classification of Economic Activities*, 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).

Residential buildings includes dwelling: one-dwelling buildings, two-and more dwelling buildings and residences for communities (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 for production in construction

(percent to the previous year)

	2015	2018	2019	2020	2021	2022	2023
Total	87,5	108,6	123,6	105,6	106,8	35,2	125,0
Buildings	91,7	103,5	119,1	93,7	110,0	38,2	113,0
residential	98,9	100,9	104,8	83,5	119,2	40,2	98,0
Non-residential	85,8	105,7	130,3	100,3	105,1	37,0	122,9
Civil engineering's	83,7	113,6	127,7	115,6	104,6	33,1	134,8

17.2. Structure of volumes of the produced construction products by type

(percent)

	2010	2015	2018	2019	2020	2021	2022	2023
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Buildings	45,6	50,3	47,3	46,0	39,9	39,9	43,6	39,5
residential	16,1	24,2	20,8	18,3	14,4	15,2	17,4	13,8
Non-residential	29,5	26,1	26,5	27,7	25,5	24,7	26,2	25,7
Civil engineering's	54,4	49,7	52,7	54,0	60,1	60,1	56,4	60,5

CONSTRUCTION

17.3. Total area of residential buildings , putting into service, by region¹

(thsd.sq.m)

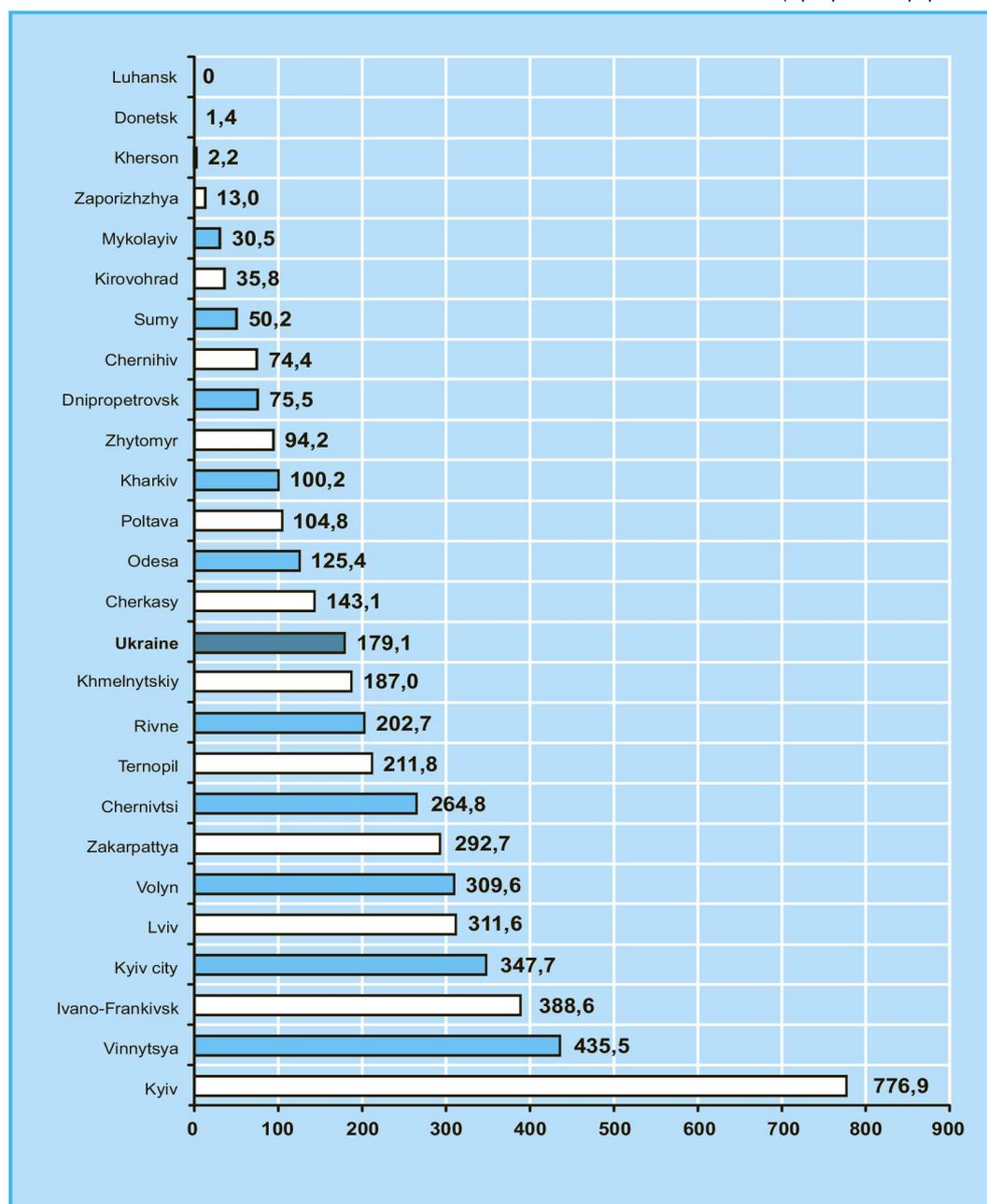
	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	5558	7816	9339	11044	8689	11029	8451	11434	7110	7381
Autonomous Republic of Crimea	179	283	535	...	...	...	...	...	...	...
oblasts										
Vinnycya	141	350	292	391	224	287	322	366	404	659
Volyn	126	155	175	329	371	437	356	341	275	316
Dnipropetrovsk	431	375	226	340	284	414	259	374	182	235
Donetsk	344	329	293	43	41	63	47	48	4	6
Zhytomyr	118	192	201	213	146	196	154	196	118	112
Zakarpattia	213	232	293	442	429	507	391	416	309	364
Zaporizhzhya	131	159	144	101	68	90	53	61	19	22
Ivano-Frankivsk	217	332	600	856	404	753	506	509	493	526
Kyiv	337	635	1184	1864	1541	1861	1733	2042	1457	1388
Kirovohrad	78	108	98	117	48	71	58	56	34	32
Luhansk	181	253	147	22	16	21	15	7	1	—
Lviv	372	499	642	1165	897	1292	1016	1211	721	769
Mykolayiv	101	123	133	168	51	112	62	60	35	33
Odesa	268	450	640	632	568	1087	525	1039	694	294
Poltava	169	210	246	266	203	217	197	159	236	142
Rivne	107	145	207	361	319	352	293	271	244	232
Sumy	110	143	182	157	97	111	62	119	42	52
Ternopil	149	245	288	480	261	411	309	517	183	217
Kharkiv	249	367	416	384	529	382	315	604	43	261
Kherson	128	163	182	113	95	121	100	89	8	2
Khmelnyskiy	168	287	362	469	325	324	279	342	283	231
Cherkasy	109	161	187	193	131	173	111	175	93	167
Chernivtsi	116	201	294	382	287	490	327	374	221	236
Chernihiv	95	153	160	190	98	143	96	96	103	71
cities										
Kyiv	859	1201	1012	1366	1256	1114	865	1962	908	1014
Sevastopol	62	65	200	...	...	...	...	...	...	...

¹ For 2010–2016, 2018–2023 including data of residential buildings putting 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 2017–2023 new construction (excluding an increase in area due to reconstruction)

CONSTRUCTION

17.4. Total area of residential buildings, putting into service in 2023, by region¹

(sq.m per 1000 population)



¹See the footnote to Table 17.3

CONSTRUCTION

17.5. Total area of residential buildings, putting into service, by types¹

	2005	2010	2015	2018	2019	2020	2021	2022	2023
Thsd.sq.m									
Total	7815,9	9339,3	11044,4	8689,4	11029,3	8451,2	11433,8	7110,2	7380,8
One-dwelling buildings	4385,7	6266,8	5580,0	4247,7	5847,1	4271,8	4351,6	2783,5	3482,5
Two-and more dwelling buildings	3410,9	3050,4	5435,2	4434,6	5176,4	4172,3	7051,8	4320,5	3886,2
residences for communities	19,3	22,1	29,2	7,1	5,8	7,1	30,4	6,2	12,1
Percentage of total									
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
One-dwelling buildings	56,1	67,1	50,5	48,9	53,0	50,5	38,0	39,1	47,2
Two-and more dwelling buildings	43,7	32,7	49,2	51,0	46,9	49,4	61,7	60,8	52,6
residences for communities	0,2	0,2	0,3	0,1	0,1	0,1	0,3	0,1	0,2

¹See the footnote to Table 17.3

CONSTRUCTION

17.6. Total area of residential buildings, putting into service, in urban areas, by region¹

(thsd.sq.m)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	4329	6088	6304	7465	5652	6806	5149	7940	4752	4277
Autonomous Republic of Crimea	125	232	378	...	...	...	...	...	...	...
oblasts										
Vinnnytsya	90	214	186	251	157	163	201	241	163	149
Volyn	81	114	94	165	161	181	136	147	123	143
Dnipropetrovsk	381	302	181	259	245	359	221	334	152	191
Donetsk	308	285	253	36	29	48	33	36	c	c
Zhytomyr	84	126	109	140	79	100	89	131	81	55
Zakarpattia	72	137	138	199	168	191	169	199	160	182
Zaporizhyya	106	127	107	85	51	67	41	48	16	13
Ivano-Frankivsk	157	227	322	400	139	372	241	308	300	322
Kyiv	197	352	488	832	636	767	735	907	733	490
Kirovohrad	59	84	64	86	37	52	46	42	27	22
Luhansk	141	200	127	18	10	17	12	6	c	—
Lviv	248	344	404	822	578	819	634	762	492	422
Mykolayiv	92	109	119	141	47	99	53	51	34	28
Odesa	215	356	419	530	379	714	299	732	519	133
Poltava	123	161	179	181	129	124	115	109	204	105
Rivne	56	92	107	204	162	167	140	141	130	106
Sumy	83	115	145	132	80	90	44	104	37	43
Ternopil	126	200	188	300	161	230	204	382	112	137
Kharkiv	199	305	333	340	493	336	295	555	37	231
Kherson	101	122	127	81	73	82	69	61	5	c
Khmelnyskiy	117	233	277	411	287	258	210	284	250	187
Cherkasy	82	121	123	148	109	133	81	144	74	142
Chernivtsi	86	126	133	191	113	208	139	168	96	95
Chernihiv	81	141	103	147	73	115	77	86	95	61
cities										
Kyiv	859	1201	1012	1366	1256	1114	865	1962	908	1014
Sevastopol	60	62	188	...	...	...	...	...	...	...

¹ See the footnote to Table 17.3

CONSTRUCTION

17.7. Total area of residential buildings, putting into service, in rural areas, by region¹

(thsd.sq.m)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Ukraine	1229	1728	3035	3579	3037	4223	3302	3494	2358	3104
Autonomous Republic of Crimea	54	51	157	...	...	...	...	...	...	...
oblasts										
Vinnycya	51	136	106	140	67	124	121	125	241	510
Volyn	45	41	81	164	210	256	220	194	152	173
Dnipropetrovsk	50	73	45	81	39	55	38	40	30	44
Donetsk	36	44	40	7	12	15	14	12	c	c
Zhytomyr	34	66	92	73	67	96	65	65	37	57
Zakarpattya	141	95	155	243	261	316	222	217	149	182
Zaporizhya	25	32	37	16	17	23	12	13	3	9
Ivano-Frankivsk	60	105	278	456	265	381	265	201	193	204
Kyiv	140	283	696	1032	905	1094	998	1135	724	898
Kirovohrad	19	24	34	31	11	19	12	14	7	10
Luhansk	40	53	20	4	6	4	3	1	c	—
Lviv	124	155	238	343	319	473	382	449	229	347
Mykolayiv	9	14	14	27	4	13	9	9	1	5
Odesa	53	94	221	102	189	373	226	307	175	161
Poltava	46	49	67	85	74	93	82	50	32	37
Rivne	51	53	100	157	157	185	153	130	114	126
Sumy	27	28	37	25	17	21	18	15	5	9
Ternopil	23	45	100	180	100	181	105	135	71	80
Kharkiv	50	62	83	44	36	46	20	49	6	30
Kherson	27	41	55	32	22	39	31	28	3	c
Khmelnyskiy	51	54	85	58	38	66	69	58	33	44
Cherkasy	27	40	64	45	22	40	30	31	19	25
Chernivtsi	30	75	161	191	174	282	188	206	125	141
Chernihiv	14	12	57	43	25	28	19	10	8	10
city										
Sevastopol	2	3	12	...	...	...	...	...	...	...

¹ See the footnote to Table 17.3

CONSTRUCTION

17.8. Total area of residential buildings, putting into service and number of dwellings in residential buildings¹

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Total										
Total size, thsd.sq.m	5558	7816	9339	11044	8689	11029	8451	11434	7110	7381
in urban areas	4329	6088	6304	7465	5652	6806	5149	7940	4752	4277
in rural areas	1229	1728	3035	3579	3037	4223	3302	3494	2358	3104
Number of dwellings built, thsd.	63	76	77	120	103	126	97	152	93	89
in urban areas	52	63	57	89	76	88	66	117	69	57
in rural areas	11	13	20	31	27	38	31	35	24	32
Per 1000 population										
Total size, sq.m	113	167	204	259	206	263	203	277	173	179
in urban areas	130	192	202	254	194	235	179	278	166	150
in rural areas	77	113	210	269	233	327	259	277	187	246
Number of dwellings built	1,3	1,6	1,7	2,8	2,4	3,0	2,3	3,7	2,2	2,2
in urban areas	1,6	2,0	1,8	3,0	2,6	3,0	2,3	4,1	2,4	2,0
in rural areas	0,7	0,8	1,4	2,4	2,1	3,0	2,4	2,8	1,9	2,5

¹See the footnote to Table 17.3

18. CAPITAL INVESTMENTS

Capital investments is expenditure for an acquisition or production (creation) of tangible and intangible non-current assets.

Investments in tangible assets is investments in 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.

Investments in intangible assets is investments 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.

CAPITAL INVESTMENTS

18.1. Capital investments by types of assets

	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Mln. UAH							
Total	273116	578726	623979	508217	673899	409660	627281
Investments in tangible assets	254731	542335	600568	483324	642801	389042	596458
residential buildings	45610	57396	58015	34886	51502	27545	32230
Non-residential buildings	43331	88846	100468	78920	104262	53524	84264
engineering structures	50949	111315	149153	127995	167822	69683	142565
machinery, equipment and inventory	84423	187651	198455	161637	207546	143184	213280
transport vehicles	19650	73926	65871	50075	72719	52844	83274
land	1442	1673	2230	2298	3013	1033	1743
Long-term biological assets of crop-and livestock production	2762	4528	6000	5247	5824	5192	7101
other tangible assets	6564	17000	20376	22266	30113	36037	32001
Investments in intangible assets	18385	36391	23411	24893	31098	20618	30823
of them							
software and databases	4908	9476	10215	12411	16644	13793	19246
rights to commercial designations, objects of industrial property, copyright and related rights (including entertainment programs and originals literary and artistic works), patents, licenses, concessions, etc	12654	24382	8389	8389	6044	3274	4620
Percentage of total							
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Investments in tangible assets	93,3	93,7	96,2	95,1	95,4	95,0	95,1
residential buildings	16,7	9,9	9,3	6,9	7,6	6,7	5,1
Non-residential buildings	15,9	15,4	16,1	15,5	15,5	13,1	13,4
engineering structures	18,7	19,2	23,9	25,2	24,9	17,0	22,7
machinery, equipment and inventory	30,9	32,4	31,8	31,8	30,8	35,0	34,1
transport vehicles	7,2	12,8	10,5	9,9	10,8	12,9	13,3
land	0,5	0,3	0,3	0,4	0,4	0,2	0,3
Long-term biological assets of crop and livestock production	1,0	0,8	1,0	1,0	0,9	1,3	1,1
Other tangible assets	2,4	2,9	3,3	4,4	4,5	8,8	5,1
Investments in intangible assets	6,7	6,3	3,8	4,9	4,6	5,0	4,9
of them							
software and databases	1,8	1,6	1,6	2,4	2,5	3,4	3,1
rights to commercial designations, objects of industrial property, copyright and related rights (including entertainment programs and originals literary and artistic works), patents, licenses, concessions, etc	4,6	4,2	1,3	1,7	0,9	0,8	0,7

¹ Information for 2021–2023 has been compiled on the basis of the reports actually submitted by enterprises and additional estimates made for indicators

CAPITAL INVESTMENTS

18.2. Structure of capital investments by sources of financing

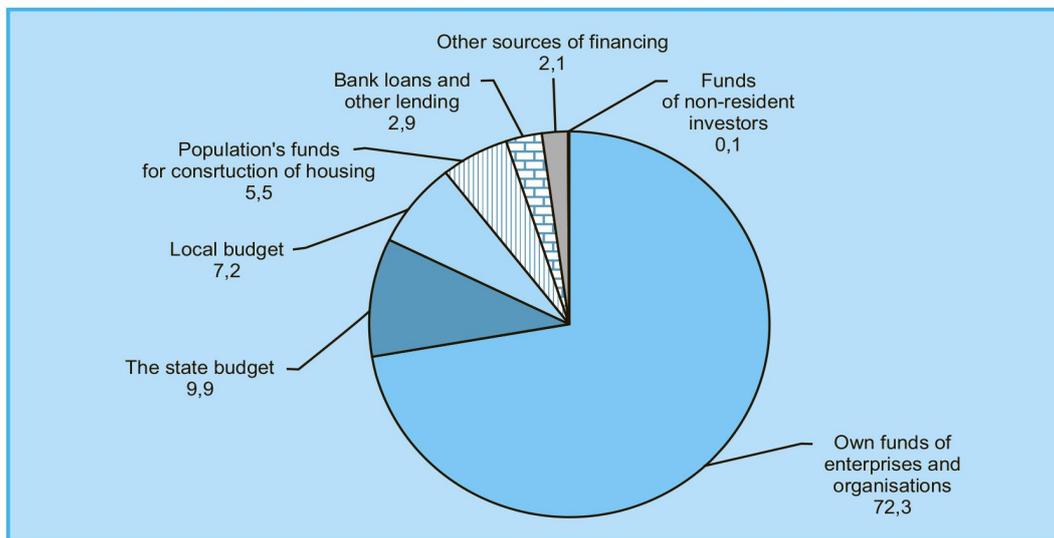
	(percent)						
	2015	2018	2019	2020 ¹	2021 ¹	2022 ^{1,2}	2023 ^{1,2}
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including on account of							
the state budget	2,5	3,9	4,9	8,7	9,2	9,4	9,9
local budgets	5,2	8,7	9,1	10,4	8,4	4,6	7,2
own funds of enterprises and organisations	67,5	70,8	65,4	66,5	68,6	72,8	72,3
bank loans and other lending	7,6	7,8	10,8	6,7	5,0	4,2	2,9
funds of non-resident investors	3,0	0,3	0,7	0,4	0,1	0,0	0,1
population's funds for construction of housing	11,7	6,0	5,2	4,9	5,4	6,4	5,5
other sources of financing	2,5	2,5	3,9	2,4	3,3	2,6	2,1

¹ Data for January—December

² Information for 2022—2023 has been compiled on the basis of the reports actually submitted by enterprises

18.3. Structure of capital investments in 2023 by sources of financing¹

(percent)



¹ See the footnote to Table 18.2

CAPITAL INVESTMENTS

18.4. Capital investments by types of economic activity

(mln. UAH)

	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Total	273116	578726	623979	508217	673899	409660	627281
Agriculture, forestry and fishing	30155	66104	59130	50680	69950	51439	65432
Agriculture, hunting and related services	29310	65059	58555	50189	67993	49612	63849
Forestry and logging	789	980	549	460	1413	1463	1204
Fishing	56	65	26	31	544	364	379
Industry	87656	199896	254196	180537	242923	126113	220652
Construction	43464	55994	62347	39615	55725	32628	42240
Wholesale and retail trade; repair of motor vehicles and motorcycles	20663	51818	44174	41685	58785	36719	55666
Wholesale and retail trade and repair of motor vehicles and motorcycles	1469	3103	3467	3628	4093	2618	4900
Wholesale trade, except of motor vehicles and motorcycles	13536	28840	22428	18075	23004	17111	25428
Retail trade, except of motor vehicles and motorcycles	5658	19875	18279	19982	31688	16990	25338
Transport and storage	18704	50078	43793	34885	43945	49533	53517
Land transport and transport via pipelines	8120	31006	24570	20208	27942	24726	38349
Water transport	303	198	252	326	232	85	242
Air transport	648	1528	1768	856	1598	685	1617
Warehousing and support activities for transportation	9529	16962	17144	12967	13014	23288	12652
Postal and courier activities	104	384	59	528	1159	749	657
Accommodation and food service activities	1393	2675	2832	1951	2690	2183	2147
Accommodation	890	1473	983	840	954	799	756
Food and beverage service activities	503	1202	1849	1111	1736	1384	1391
Information and communication	22975	29885	21063	22382	23858	16870	24100

CAPITAL INVESTMENTS

Table 18.4 continued

	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Publishing, audiovisual and broadcasting activities sound recordings, activity in the sphere of radio broadcasting and television broadcasting	2304	4745	5766	5194	6186	2185	2947
Telecommunications	19537	21318	11734	14297	13126	11563	16306
IT and other information services consultancy and provision of information services	1134	3822	3563	2891	4546	3122	4847
Financial and insurance activities	6448	10652	11246	11979	10100	8907	17339
Real estate activities	11899	27557	28147	19940	30669	14280	21270
Professional, scientific and technical activities	4065	10798	11912	11823	17126	6013	13347
Legal, accounting, activity of the head offices management, architecture, engineering, technical testing and analysis activities	3244	7752	8301	8470	13146	2201	9620
Scientific research and development	518	1511	2058	2076	2630	3185	2817
Advertising and market research, other professional, scientific and technical activities, veterinary activities	303	1535	1553	1277	1350	627	910
Administrative and support service activities	6535	11838	11741	8624	13163	6587	13328
Public administration and defence, compulsory social security	13942	44598	54306	62303	73983	36531	66237
Education	1540	4460	4789	3740	3866	2008	2721
Human health and social work activities	2367	8139	9485	14836	21779	17413	24967
Arts, entertainment and recreation	1044	3663	4146	2773	4423	2153	3830
Other services activities	266	571	672	464	914	283	487

¹ Information for 2021—2023 has been compiled on the basis of the reports actually submitted by enterprises and additional estimates made for indicators

CAPITAL INVESTMENTS

18.5. Capital investments by types of economic activity in industry

(mln. UAH)

	2015	2018	2019	2020	2021 ¹	2022 ¹	2023 ¹
Industry	87656	199896	254196	180537	242923	126113	220652
Mining and quarrying	18466	53984	68521	50343	61308	25396	63689
Manufacturing	46219	100870	105878	84408	113275	60458	90396
Manufacture of food products, beverages and tobacco products	13548	30213	31889	28875	28166	17484	32610
Manufacture of textiles, apparel, leather and related products	987	1846	1492	1202	1960	1380	2121
Manufacture of wood and paper products, and printing	4031	7533	9994	6191	18759	10604	10753
Manufacture of coke, and refined petroleum products	580	1503	1831	1986	3413	403	819
Manufacture of chemicals and chemical products	1680	2792	2488	2496	2947	1861	2971
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1623	2433	2425	2907	3294	2172	2437
Manufacture of rubber and plastics products, and other non-metallic mineral products	3818	13132	10873	9230	10922	5637	11343
Manufacture of basic metals and fabricated metal products, except machinery and equipment	12470	26376	31093	19996	27285	10148	14079
Manufacture of computer, electronic and optical products	420	956	657	608	854	608	1081
Manufacture of electrical equipment	585	1900	1759	1443	2349	1268	1306
Manufacture of machinery and equipment n.e.c.	1945	4057	3176	3177	3934	2293	2629
Manufacture of transport equipment, trailers, and semitrailers and other	3332	5578	5374	3975	4881	3542	4979
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	1200	2551	2827	2322	4511	3058	3268
Electricity, gas, steam and air-conditioning supply	21347	41784	75612	42132	63325	35766	55628
Water supply, sewerage, waste management and remediation	1624	3258	4185	3654	5015	4493	10939

¹ See the footnote to Table 18.4

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 inland waterway 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 (buses, motor cars, trolley buses, trams, passenger railway coaches, sea and inland waterway vessels and aeroplanes).

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).

TRANSPORT

TRANSPORT

19.1. Freight shipped in 1940–2023, by mode of transport

(mln.t)

	By mode of transport			
	rail ¹	road ²	sea	Inland water
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	151	695	1	1
2023	149	677	0	2

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

TRANSPORT

19.2. Freight traffic in 1940–2023, by mode of transport

(bln.tkm)

	Total	By mode of transport					
		rail ¹	road ²	sea	Inland water	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	182,4	94,5	47,4	0,5	0,5	c	c
2023	179,8	90,6	55,5	0,4	0,7	c	c

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 Since 2005, according to data from the State Aviation Administration of Ukraine

TRANSPORT

19.3. Passenger transportation by mode of transport in 1940–2023

(mln.)

	By mode of transport							
	rail ¹	bus ²	sea	Inland water	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	53	663	0	0	1	252	412	220
2023	65	803	0	0	1	322	539	308

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 *Ukrzaliznyhya* changed the procedure for accounting the transportation of passengers by rail of suburban service who make use of benefits for free travel

² Since 2000, including automobile passenger transportation by small businesses (natural and legal persons)

³ See the fourth footnote to Table 19.2

TRANSPORT

**19.4. Passenger traffic in 1940–2023, by mode of transport
(excluding urban electric transport)**

(bln. passenger.km)

	Total	By mode of transport				
		rail ¹	bus ²	sea	Inland water	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	10,9	12,3	0,0	0,0	2,4
2023	31,9	15,5	15,4	—	0,0	1,0

¹ See the first footnote to Table 19.2

² See the second footnote to Table 19.3

³ See the fourth footnote to Table 19.2

TRANSPORT

19.5 Freight and passengers transported, freight and passenger traffic

	2015	2020	2021	2022 ^{1,2}	2023 ^{1,2}
Volume of freight transported, mln tones ³	601,9	600,1	621,3	317,5	328,3
Freight turnover, mln tkm ³	315879,9	290079,3	289635,4	166731,3	163360,4
Number of passengers transported, mln passengers	5166,8	2570,2	2655,4	1600,6	2037,6
Passenger turnover, mln pas.km	97036,4	49034,8	62734,2	31142,8	39397,7

¹ Previous data

² Excluding shipments made for one's own needs and including commercial cargo shipments made by legal entities and natural entities-entrepreneurs

19.6. Freight and passengers transported, freight and passenger traffic

(percent of the previous year)

	2015	2020	2021	2022 ^{1,2}	2023 ^{1,2}
Volume of freight transported ³	89,5	88,8	103,5	51,1	103,4
Freight turnover ³	94,2	85,6	99,8	57,6	98,0
Number of passengers transported	87,5	60,3	103,3	60,3	127,3
Passenger turnover	91,2	45,8	127,9	49,6	126,5

¹ See the first footnote to Table 19.5

² See the second footnote to Table 19.5

19.7. Rolling stock of electric transport¹

(end of year; units)

	2000	2005	2010	2015	2018	2019	2020	2021	2022	2023
Electric transport										
trolleybuses	5313	4554	3710	2792	2670	2744	2980	2983	2667	3017
tram cars	3459	2905	2522	1961	1967	1933	1922	1937	1880	1945
subway cars	925	993	1119	1195	1192	1192	1192	1192	1192	1198

¹ Since 2014, excluding the temporarily occupied territories of the Autonomous Republic of Crimea and the City of Sevastopol

20. FOREIGN TRADE IN GOODS

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.

20.1. Foreign trade in goods, by country

(mln. USD)

	Exports					Imports				
	2010	2015	2020	2022	2023	2010	2015	2020	2022	2023
Total	51405,2	38127,1	49191,8	44135,6	36182,9	60742,2	37516,4	54336,1	55295,7	63567,0
including										
Australia	23,6	10,7	42,3	18,7	17,7	246,6	159,3	25,7	217,5	79,5
Austria	508,0	347,2	580,0	822,1	606,6	697,6	369,6	559,7	515,3	537,2
Azerbaijan	610,8	318,8	346,8	191,1	196,3	951,2	30,3	318,5	483,7	275,2
Algeria	159,3	205,6	357,3	254,6	34,0	4,9	17,1	7,2	35,3	69,2
Bangladesh	112,7	207,0	358,2	96,7	211,0	17,8	54,0	97,7	81,8	136,1
Belgium	356,9	296,8	560,9	466,7	359,1	588,3	366,8	526,4	539,9	663,1
belarus	1899,2	870,7	1335,3	186,0	3,5	2567,6	2449,1	2874,5	1380,1	19,8
Bulgaria	450,6	419,5	511,5	1426,1	904,6	218,0	253,1	289,9	2082,7	2221,3

FOREIGN TRADE IN GOODS

Table 20.1 continued

	Exports					Imports				
	2010	2015	2020	2022	2023	2010	2015	2020	2022	2023
Brazil	359,9	33,5	64,3	18,4	9,9	459,7	166,1	266,8	230,9	205,4
Viet Nam	136,7	87,0	184,3	102,6	68,6	117,6	252,0	460,5	313,4	524,2
Armenia	201,3	101,6	112,2	70,6	74,6	17,9	7,4	17,6	12,7	20,0
Ghana	57,5	37,5	81,5	41,5	12,9	209,4	104,2	133,6	30,8	21,1
Guinea	13,6	13,3	15,5	4,0	2,2	106,1	114,1	144,2	28,4	0,3
Hong Kong, Special administrative region of China	26,3	15,4	71,0	21,3	26,1	30,6	12,2	83,5	10,9	34,4
Greece	164,0	153,8	178,8	184,1	257,6	104,1	238,6	317,0	756,1	1374,1
Georgia	527,5	402,7	366,4	248,8	236,6	136,1	61,8	135,4	104,0	138,4
Denmark	124,5	144,7	216,9	231,3	217,4	240,5	147,6	220,9	240,3	250,7
Ecuador	11,8	1,8	6,7	2,8	4,6	161,2	119,4	120,5	108,4	142,6
Estonia	106,3	66,2	109,7	125,4	92,3	123,4	77,5	177,6	95,7	128,1
Ethiopia	65,9	138,0	140,1	54,3	34,7	1,0	1,4	4,4	11,3	8,6
Egypt	1328,0	2079,8	1617,8	802,0	1085,0	84,2	55,6	80,9	173,5	201,3
Israel	467,6	597,1	563,5	328,5	305,6	91,5	169,9	171,0	299,1	293,8
India	1426,0	1444,1	1972,1	889,2	542,8	680,7	443,7	721,9	1683,8	1882,3
Indonesia	352,6	185,9	735,6	98,4	129,3	408,6	168,8	278,0	221,7	197,4
Iraq	345,0	472,5	597,6	292,8	193,8	0,5	0,0	0,3	0,2	0,2
Iran (Islamic Republic of)	1030,7	533,6	258,8	207,6	1,7	49,9	30,5	48,2	58,4	18,7
Ireland	4,5	59,2	94,4	44,9	14,8	112,1	75,4	209,3	147,2	196,0
Spain	411,7	1043,6	1250,2	1572,3	2008,3	468,6	440,8	735,1	702,4	888,0
Italy	2412,4	1979,8	1928,9	1647,3	1536,9	1390,3	976,3	2128,7	1801,4	2278,2
Jordan	518,5	135,8	181,1	67,6	58,7	21,1	4,8	6,1	161,2	51,6
Kazakhstan	1300,4	712,7	336,1	293,1	265,1	766,2	377,6	424,4	511,2	265,7
Canada	73,3	30,2	81,3	105,7	97,9	160,2	206,3	201,4	166,6	326,1
China	1316,6	2399,1	7099,9	2467,2	2406,4	4700,4	3771,0	8318,4	8670,9	10444,5
Colombia	16,1	23,0	29,7	26,6	0,9	13,4	25,6	51,3	115,2	64,8
Cote d'Ivoire	44,6	23,8	42,4	17,0	20,3	135,4	39,6	71,5	60,5	93,4
Latvia	180,2	150,3	229,4	297,0	323,8	88,1	87,1	159,0	235,9	291,0
Lithuania	264,4	236,3	431,4	662,1	628,2	637,5	552,6	813,4	1323,1	1300,1
Lebanon	1031,9	300,1	327,3	225,6	239,4	4,2	1,3	4,3	1,0	6,1
Libya	201,5	182,7	327,8	254,3	106,9	0,3	0,0	42,0	24,9	0,1
Malaysia	96,9	159,6	181,1	125,9	120,3	171,0	132,1	235,0	224,5	288,0

FOREIGN TRADE IN GOODS

Table 20.1 continued

	Exports					Imports				
	2010	2015	2020	2022	2023	2010	2015	2020	2022	2023
Morocco	103,5	212,5	373,0	87,1	41,6	9,2	28,5	91,9	51,8	101,8
Mexico	200,1	118,2	69,5	38,9	50,6	63,4	61,7	221,8	153,7	179,4
Nigeria	245,3	120,9	69,3	28,9	3,3	13,6	2,3	3,5	4,2	8,0
Netherlands	563,2	905,7	1802,2	1540,8	1490,9	837,9	452,6	750,8	1091,3	1035,1
Germany	1499,5	1328,7	2071,7	2264,7	2019,7	4605,3	3975,6	5339,7	4563,0	5061,7
Norway	84,1	12,8	27,0	24,1	26,9	261,3	741,7	288,6	280,9	348,1
United Arab Emirates	275,2	301,8	439,1	205,9	215,3	50,9	57,6	61,0	88,7	163,7
Poland	1787,2	1977,3	3272,7	6653,0	4755,4	2788,8	2324,0	4140,9	5491,4	6577,8
Portugal	121,8	320,5	234,0	135,7	223,5	51,5	45,2	68,2	60,8	70,2
Korea, Republic of	498,0	395,4	351,5	237,2	98,9	786,0	256,4	497,5	524,3	660,5
Moldova, Republic of	713,5	524,3	679,6	922,1	818,9	73,6	41,2	74,1	151,3	161,9
russian federation	13428,1	4827,7	2706,0	473,3	—	22198,0	7492,7	4541,8	1543,1	4,6
Romania	705,8	569,9	1081,0	3855,8	3764,9	682,2	318,2	682,4	1503,2	1566,9
Saudi Arabia	644,5	761,6	719,0	439,1	291,1	37,4	145,0	101,9	308,8	338,1
Serbia	199,0	105,9	136,6	134,9	135,0	75,7	83,3	165,2	167,3	184,1
Slovakia	568,2	468,5	446,8	1506,8	1073,7	442,6	346,3	1143,4	988,7	1676,9
Slovenia	11,6	16,3	40,3	59,0	64,8	212,6	128,9	253,4	248,1	242,0
United Kingdom of Great Britain and Northern Ireland	506,5	367,9	666,9	438,3	359,3	821,0	570,1	734,2	762,9	1091,0
USA	807,3	481,8	983,9	861,8	518,5	1766,8	1480,7	3068,7	2171,9	2862,8
Thailand	432,6	334,9	164,5	35,2	39,2	162,8	120,6	194,1	162,5	207,1
Taiwan, Province of China	80,0	41,5	43,3	30,5	17,9	141,2	141,3	234,8	281,7	296,8
Tunisia	232,0	333,5	414,8	193,0	149,9	3,6	8,5	12,9	29,6	26,4
Turkey	3024,0	2771,8	2436,3	2941,8	2368,5	1298,3	851,7	2418,8	3373,4	4723,4
Turkmenistan	208,9	170,3	56,0	22,0	40,2	31,4	16,3	29,5	190,9	227,4
Hungary	860,1	909,7	1263,8	2270,9	1184,9	1214,6	1608,5	1399,5	1022,3	1387,9
Uzbekistan	228,5	174,5	295,5	188,5	144,3	81,7	62,3	137,0	159,7	191,5
Philippines	31,6	107,4	169,9	8,7	16,9	23,0	17,4	49,1	45,3	58,6
Finland	34,1	48,0	54,5	61,7	44,4	429,8	223,0	249,2	239,2	283,9
France	476,9	497,9	592,4	586,0	481,5	1106,7	892,8	1467,7	1232,7	1759,2
Czechia	626,2	541,0	826,3	1252,0	996,0	747,9	479,7	961,7	1464,8	1789,4
Switzerland	472,2	123,2	142,7	127,5	156,4	508,2	457,7	876,0	1011,0	912,9
Sweden	77,8	60,6	72,5	78,0	74,6	358,8	273,5	428,1	514,8	756,7
Japan	104,8	235,6	181,7	105,2	35,1	801,7	382,2	1076,5	644,4	908,3

FOREIGN TRADE IN GOODS

20.2. Exports/imports of goods in 2023, by region

	Exports			Imports		
	number of enterprises	value, mln. USD	percentage of total	number of enterprises	value, mln. USD	percentage of total
Ukraine	15172	36182,9	100,0	29328	63567,0	100,0
Autonomous Republic of Crimea	...	...	...	...	...	...
oblasts						
Vinnycsya	590	1698,9	4,7	640	899,7	1,4
Volyn	448	823,8	2,3	875	2577,9	4,1
Dnipropetrovsk	1122	4696,4	13,0	2444	4411,7	6,9
Donetsk	34	199,4	0,6	47	60,1	0,1
Zhytomyr	525	531,1	1,5	456	1427,4	2,2
Zakarpattya	442	1359,2	3,8	717	1391,2	2,2
Zaporizhzhya	213	1456,7	4,0	407	829,9	1,3
Ivano-Frankivsk	384	616,2	1,7	558	555,3	0,9
Kyiv	1014	1837,6	5,1	1965	4561,7	7,2
Kirovohrad	317	810,2	2,2	287	258,2	0,4
Luhansk	2	0,4	0,0	2	2,1	0,0
Lviv	1206	2552,4	7,1	2887	5785,5	9,1
Mykolayiv	237	1000,7	2,8	317	544,3	0,9
Odesa	1027	1797,9	5,0	1696	2351,2	3,7
Poltava	369	1433,2	4,0	562	922,6	1,5
Rivne	418	594,6	1,6	539	737,6	1,2
Sumy	334	701,7	1,9	269	546,2	0,9
Ternopil	318	686,7	1,9	473	666,3	1,0
Kharkiv	879	778,0	2,2	1697	1544,2	2,4
Kherson	32	21,6	0,1	44	19,9	0,0
Khmelnyskiy	380	777,9	2,1	548	660,2	1,0
Cherkasy	471	1221,2	3,4	511	659,3	1,0
Chernivtsi	276	193,7	0,5	354	505,2	0,8
Chernihiv	379	893,2	2,5	308	279,3	0,4
cities						
Kyiv	3750	9401,1	26,0	10710	27980,9	44,0
Sevastopol	...	...	...	...	...	...

¹ Including crude natural gas non-distributed by region

FOREIGN TRADE IN GOODS

20.3. Commodity structure of foreign trade in 2023

	Exports		Imports	
	mln. USD	percentage of total	mln. USD	percentage of total
Total	36182,9	100,0	63567,0	100,0
including				
by UCCFT ¹ category				
livestock and products of cattle farming	1363,2	3,8	1341,7	2,1
products of plant-growing industry	11716,7	32,4	2112,9	3,3
animal and vegetable oils and fats	5649,1	15,6	247,2	0,4
finished foodstuffs	3271,7	9,0	3252,4	5,1
mineral products	2415,1	6,7	10633,2	16,7
products of chemical industry and other industries related to chemical	888,2	2,5	7437,6	11,7
polymeric materials, plastic and similar	323,4	0,9	3732,3	5,9
raw leather, cleansed leather	78,1	0,2	258,2	0,4
wood and wood products	1493,4	4,1	207,3	0,3
wood mass or mass of other fibrous cellulosic materials	229,6	0,6	808,0	1,3
textiles and textile products	354,3	1,0	2391,9	3,8
footwear, head-dress and umbrellas	66,9	0,2	495,0	0,8
articles of stone, plaster, cement	295,9	0,8	692,7	1,1
natural or cultured pearls, precious or semiprecious stones	14,5	0,0	116,3	0,2
Non-precious metals and articles thereof	3916,3	10,8	3362,5	5,3
machines, equipment and machinery; electrotechnical equipment	2621,5	7,2	11258,4	17,7
vehicles for land transport, flying devices, floating crafts	343,3	0,9	7845,6	12,3
optical and photographic devices and instruments	104,0	0,3	1463,3	2,3
miscellaneous manufactured goods	934,8	2,6	937,8	1,5
art products	1,1	0,0	0,8	0,0
goods purchased at ports	0,6	0,0	44,0	0,1

¹ The Ukrainian Classification of Commodities in Foreign Trade

FOREIGN TRADE IN GOODS

20.4. Exports/imports of goods for processing, by country

(thsd. USD)

	Exports					Imports				
	2010	2015	2020	2022	2023	2010	2015	2020	2022	2023
Total	60718,0	67183,7	86290,8	15564,9	118930,7	3151515,8	2366554,0	2863715,3	2387157,7	1913527,2
including										
Australia	—	—	—	—	—	84,3	1348,0	231,2	232,2	120,8
Austria	—	—	—	—	—	59212,0	38089,3	46728,1	58935,3	50641,8
Bangladesh	—	—	—	—	—	1381,4	2482,8	1147,4	630,4	539,6
Belgium	1418,3	—	—	—	—	39264,4	22678,4	20987,0	14778,8	15293,3
belarus	205,2	111,5	79,6	205,8	—	2252,0	1305,6	13584,9	20249,2	65,3
Bulgaria	—	—	—	—	—	859,4	1309,3	4040,3	52465,6	2765,0
Brazil	—	—	—	—	—	20635,1	15050,8	34519,0	13641,0	531,3
Viet Nam	—	—	—	—	—	762,2	557,8	2950,1	3553,9	3531,9
Guyana	—	—	—	—	—	—	—	32288,0	—	—
Guatemala	—	—	—	—	—	—	86364,6	53113,3	15445,2	257,3
Guinea	—	—	—	—	—	70012,1	110635,6	141620,7	28367,6	—
Hong Kong, Special administrative region of China	—	—	—	—	—	4904,6	1625,5	2579,0	3110,8	689,6
Greece	1476,4	—	—	—	—	226,1	766,4	1625,5	153,6	66,6
Denmark	—	—	32,5	—	7,5	9836,4	26155,1	32343,6	30218,9	31479,4
Estonia	—	—	—	—	—	6061,9	1133,8	1488,6	3446,6	700,3
Israel	—	—	—	—	—	1079,6	2525,1	2406,1	23545,6	1031,7
India	—	—	—	—	—	4789,2	12885,0	8734,2	8092,9	10849,2
Indonesia	—	—	—	—	—	81066,7	3712,6	30575,1	11084,5	11677,1
Ireland	—	—	—	—	—	1888,9	531,7	177,4	157,8	104,2
Spain	—	—	3,1	47,2	44,3	13419,5	16618,4	13434,9	12663,7	13535,2
Italy	1447,6	649,4	1869,3	1204,5	1491,7	156062,8	146277,1	138933,5	121374,3	116344,5
Kazakhstan	—	—	—	—	—	16436,1	304,3	15592,7	127,1	753,6
Canada	—	4,7	—	—	27043,1	1318,6	672,3	791,6	739,4	781,0
China	242,5	38,5	29,4	—	28,3	35539,9	167474,8	325987,2	413118,6	311729,4
Latvia	—	—	—	—	—	24136,4	9244,7	6457,7	9077,4	2825,8
Lithuania	—	61,0	—	—	9,2	7041,4	6576,8	4336,7	8252,3	5927,4
Luxembourg	—	—	—	—	—	995,4	595,1	514,0	490,3	513,3
Malaysia	—	—	—	—	—	1319,5	15340,3	18433,0	20531,6	17689,5
Morocco	—	—	—	—	—	659,4	3604,0	7082,9	6214,4	6134,6
Mexico	—	—	—	—	—	2771,8	6429,4	5915,2	4831,6	3891,8
Netherlands	270,5	—	—	69,1	44,9	35758,3	35548,2	25256,4	35004,4	19962,6
Germany	20201,8	8342,5	20275,7	5959,3	6036,6	361692,6	384740,2	357443,7	251135,7	219973,5

FOREIGN TRADE IN GOODS

Table 20.4 continued

	Exports					Imports				
	2010	2015	2020	2022	2023	2010	2015	2020	2022	2023
Norway	—	—	3026,2	4722,6	1357,7	6049,2	3001,8	8526,5	10820,3	9972,3
Pakistan	—	—	—	—	—	1007,1	1893,6	2136,2	1788,1	2032,3
South Africa	—	—	—	—	—	16,2	7085,9	29670,9	24095,3	28859,7
Poland	838,7	50,4	618,5	607,6	380,5	143737,4	304358,2	325297,1	260501,4	230518,1
Portugal	—	0,6	—	—	—	12775,5	12303,1	11263,9	9157,5	7999,6
Korea, Republic of	89,2	—	—	—	—	14744,4	23710,9	13810,0	15645,4	8277,1
Moldova, Republic of	153,8	128,2	—	—	—	775,1	1052,9	11371,4	6218,1	1302,4
russian federation	4494,3	39,7	7,6	—	—	1394055,1	72266,4	191820,1	2728,6	—
Romania	—	178,5	93,7	0,6	82268,0	30679,8	28224,9	136796,6	89831,4	63665,0
Singapore	—	—	—	—	—	2671,2	4268,5	3434,1	4080,1	3688,0
Slovakia	—	—	10,5	2448,3	52,9	11610,6	15095,8	16580,0	22395,1	22763,4
Slovenia	—	497,3	1,4	—	—	1932,1	3471,6	3178,4	3668,8	3995,0
United Kingdom of Great Britain and Northern Ireland	6169,8	3018,0	—	30,4	87,9	18819,9	17391,1	16673,6	9220,2	8402,3
USA	—	160,6	118,3	70,0	1,3	43350,0	33426,5	36122,8	26258,3	20908,0
Thailand	—	—	—	—	—	1495,6	14216,2	9869,5	16772,0	12329,6
Taiwan, Province of China	—	4,9	—	—	—	7485,1	30486,6	47589,5	60831,5	49478,4
Tunisia	123,1	—	—	—	—	578,9	4150,4	3597,6	15915,3	3491,8
Turkey	—	179,3	31,0	66,0	57,7	42826,0	36321,5	47093,9	43412,4	42420,8
Hungary	479,7	207,3	—	—	—	204685,0	283883,0	333483,0	282636,8	298859,4
Uzbekistan	345,0	—	—	—	—	2070,8	—	693,3	0,1	13,9
Uruguay	—	—	—	—	—	29,4	3620,6	795,1	240,9	1200,2
Philippines	—	—	—	—	—	807,7	4277,3	12654,2	16198,0	21595,1
Finland	683,9	101,0	288,0	15,3	—	45472,4	17448,9	16716,6	11024,0	6136,4
France	131,1	—	—	27,7	10,9	35563,3	35333,2	34145,1	24651,7	19343,1
Croatia	—	—	—	—	—	596,2	15,2	356,8	386,2	317,4
Czechia	883,2	20,5	—	37,7	8,1	46726,4	87020,5	73590,0	125430,0	107500,8
Switzerland	20832,7	52754,6	59412,3	—	—	22896,0	24141,0	56750,8	54005,8	45056,8
Sweden	—	19,2	393,7	—	—	45024,2	44838,4	6945,1	9016,1	8816,7
Japan	—	—	—	—	—	8388,0	23820,2	23019,4	21231,9	16068,5

21. INFORMATION SOCIETY

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 telecommunications 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

**21.1. Use of information and communication technologies at enterprises¹,
by type of economic activity**

(percent to the total number of enterprises)

	Share of the number of enterprises that					
	have access to the Internet			buy cloud computing services		
	2021 ²	2022	2023	2021	2022 ²	2023 ²
Total	86,6	85,1	88,8	10,2	9,8	...
Manufacturing	90,1	87,3	90,0	9,9	9,4	...
Electricity, gas, steam and air-conditioning supply	88,3	96,9	93,7	11,8	8,9	...
Water supply, sewerage, waste management and remediation	92,1	85,1	92,1	7,6	7,0	...
Construction	83,7	84,0	84,9	8,7	8,4	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	87,7	84,4	88,5	11,3	11,1	...
Transport and storage	85,5	86,2	93,6	7,7	7,5	...
Accommodation and food service activities	76,8	71,8	89,6	10,0	8,7	...
Information and communication	89,6	88,4	93,0	18,7	15,1	...
Real estate activities	89,5	99,7	94,6	6,6	6,5	...
Professional, scientific and technical activities	84,4	82,4	85,3	13,5	13,2	...
Administrative and support service activities	78,3	75,3	78,9	8,6	8,1	...
Other services activities	85,9	88,5	89,8	17,2	17,5	...

¹ Here and elsewhere (Table 21.2–21.4) data are given for legal entities with the number of employees of 10 people and more

² BY the range of enterprises defined by statistical methodology

**21.2. Use of information and communication technologies at enterprises
by average number of employees**

(percent to the total number of enterprises)

	Share of the number of enterprises that					
	have access to the Internet			buy cloud computing services		
	2021	2022	2023	2021	2022	2023 ¹
Total	86,6	85,1	88,8	10,2	9,8	...
including with the number of employees, persons						
10—49	84,5	83,4	89,2	9,0	8,7	...
50—249	93,8	91,6	87,7	13,9	12,8	...
250 and more	94,5	88,3	85,8	22,2	19,6	...

¹ See the second footnote to Table 21.1

INFORMATION SOCIETY

21.3. Electronic commerce at enterprises by type of economic activity

(percent)

	Share of the number of enterprises which have made e-commerce of the total number of enterprises			Share of value of turnover of e-commerce sales of the total turnover of enterprises		
	2021	2022	2023	2021	2022	2023
Total	5,0	6,1	6,9	5,3	5,9	5,7
Manufacturing	5,4	7,2	8,1	3,2	5,9	4,8
Electricity, gas, steam and air-conditioning supply	2,0	2,9	1,7	0,1	c	c
Water supply, sewerage, waste management and remediation	1,2	0,5	0,6	0,4	0,1	0,1
Construction	1,8	1,6	1,4	0,6	0,4	0,2
Wholesale and retail trade; repair of motor vehicles and motorcycles	7,7	10,3	12,0	4,9	6,9	7,1
Transport and storage	3,2	4,0	4,0	30,9	23,6	19,1
Accommodation and food service activities	9,9	11,2	16,0	12,0	13,2	7,6
Information and communication	9,6	10,5	12,0	3,6	3,6	3,7
Real estate activities	1,0	1,2	1,4	0,9	1,2	1,2
Professional, scientific and technical activities	2,7	2,7	3,4	1,4	0,4	0,6
Administrative and support service activities	3,3	2,6	2,9	4,5	2,8	3,4
Other services activities	7,9	8,3	10,9	1,0	c	c

21.4. Electronic commerce at enterprises with distribution by number of employees

(percent)

	Share of the number of enterprises which have made e-commerce of the total number of enterprises			Share of value of turnover of e-commerce sales of the total turnover of enterprises		
	2021	2022	2023	2021	2022	2023
Total	5,0	6,1	6,9	5,3	5,9	5,7
of which with the average number of workers, persons						
10—49	4,2	5,3	5,6	2,2	4,3	1,9
50—249	6,8	6,9	9,6	4,0	6,9	3,1
250 and more	10,5	16,6	17,8	6,8	6,0	8,5

22. 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 individual 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 individual entrepreneurs – a natural persons-entrepreneurs 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;

small 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 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;

medium enterprises are other entities.

Number of persons employed 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.

Turnover 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 and excise tax.

Assets are resources controlled 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.

ACTIVITY OF ENTERPRISES

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.

Profit loss before tax is a algebraic sum of profits (losses) that an enterprise received from operating activity, financial and other income (profit), financial and other expenditure (losses).

Profitability of operational activity is a ratio of financial outcome stemming from

operating activity to expenditure on operating activity of the enterprises.

Profit loss from operating activities is 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.

The information is given excluding the performance of budget institutions.

ACTIVITY OF ENTERPRISES

22.1. Indicators of business entities' activity¹

	2010	2015	2020	2021	2022	2023
Number of active business entities						
Total, thsd. units	2184,1	1974,4	1973,7	1956,3	1732,6	1913,3
enterprises						
percent of total entities	17,4	17,4	18,9	19,0	15,1	16,1
per 10 thsd. present population, units	83	80	90	90	...	...
individual entrepreneurs						
percent of total entities	82,6	82,6	81,1	81,0	84,9	83,9
per 10 thsd. present population, units	394	381	383	383	...	...
Number of persons employed						
Total, thsd. persons	11000,5	8331,9	9057,1	9056,1	7606,1	7514,3
enterprises						
thsd. persons	8186,0	6041,6	6491,3	6511,6	5486,1	5144,8
percent of total persons employed	74,4	72,5	71,7	71,9	72,1	68,5
individual entrepreneurs						
thsd. persons	2814,5	2290,3	2565,8	2544,5	2120,0	2369,5
percent of total persons employed	25,6	27,5	28,3	28,1	27,9	31,5
Number of employees						
Total, thsd. persons	9073,6	6589,5	7379,6	7368,7	6088,1	5827,0
enterprises						
thsd. persons	8064,2	5930,0	6413,6	6409,6	5438,7	5062,9
percent of total employees	88,9	90,0	86,9	87,0	89,3	86,9
individual entrepreneurs						
thsd. persons	1009,4	659,5	966,0	959,1	649,4	764,1
percent of total employees	11,1	10,0	13,1	13,0	10,7	13,1
Turnover						
Total, mln. UAH	3692554,4	5716431,0	11285578,9	15240051,1	11485855,3	14052751,6
enterprises						
mln. UAH	3462136,2	5318957,7	10273152,6	13867032,4	11398997,8	13934223,8
percent of total volume of the sold products (goods, services)	93,8	93,0	91,0	91,0	99,2	99,2
individual entrepreneurs						
mln. UAH	230418,2	397473,3	1012426,3	1373018,7	86857,5	118527,8
percent of total volume of the sold products (goods, services)	6,2	7,0	9,0	9,0	0,8	0,8

¹ Taking into account the results of banks

ACTIVITY OF ENTERPRISES

22.2. Number of active business entities by type of economic activity and distribution into enterprises and individual entrepreneurs

	2010	2015	2020	2021	2022	2023
Total¹, thsd. units	2184,1	1974,4	1973,7	1956,31	1732,6	1913,3
percent						
enterprises	17,4	17,4	18,9	19,0	15,1	16,1
individual entrepreneurs	82,6	82,6	81,1	81,0	84,9	83,9
Agriculture, forestry and fishing						
thsd. units	80,3	79,3	73,4	70,8	53,2	63,0
percent						
enterprises	63,1	59,0	67,4	67,4	61,7	64,9
individual entrepreneurs	36,9	41,0	32,6	32,6	38,3	35,1
Industry						
thsd. units	152,0	135,1	126,3	121,8	102,5	114,1
percent						
enterprises	31,5	31,5	37,8	40,3	35,5	36,6
individual entrepreneurs	68,5	68,5	62,2	59,7	64,5	63,4
Construction						
thsd. units	75,2	55,1	56,9	56,6	44,8	50,6
percent						
enterprises	50,8	52,9	55,5	55,7	48,2	49,0
individual entrepreneurs	49,2	47,1	44,5	44,3	51,8	51,0
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. units	1197,3	989,1	826,2	777,4	661,2	714,6
percent						
enterprises	9,2	9,5	11,9	12,5	10,2	11,1
individual entrepreneurs	90,8	90,5	88,1	87,5	89,8	88,9
Transportation and storage						
thsd. units	145,9	119,0	98,3	94,6	88,2	101,8
percent						
enterprises	9,3	12,7	17,9	18,6	15,0	16,2
individual entrepreneurs	90,7	87,3	82,1	81,4	85,0	83,8
Accommodation and food service activities						
thsd. units	50,0	58,4	71,8	69,7	57,7	67,3
percent						
enterprises	19,5	13,2	10,7	10,8	8,3	8,3
individual entrepreneurs	80,5	86,8	89,3	89,2	91,7	91,7
Information and communication						
thsd. units	56,0	116,1	234,2	284,2	295,9	306,9
percent						
enterprises	23,6	11,7	6,9	5,8	4,0	4,5
individual entrepreneurs	76,4	88,3	93,1	94,2	96,0	95,5

ACTIVITY OF ENTERPRISES

Table 22.2 continued

	2010	2015	2020	2021	2022	2023
Financial and insurance activities						
thsd. units	14,6	12,4	10,3	10,7	9,2	9,2
percent						
enterprises	40,4	36,0	40,8	40,2	34,8	34,8
individual entrepreneurs	59,6	64,0	59,2	59,8	65,2	65,2
Real estate activities						
thsd. units	50,4	94,1	95,8	94,3	79,1	79,1
percent						
enterprises	54,8	34,8	38,4	38,3	33,5	33,5
individual entrepreneurs	45,2	65,2	61,6	61,7	66,5	66,5
Professional, scientific and technical activities						
thsd. units	120,7	131,0	140,4	143,2	137,4	137,4
percent						
enterprises	26,7	22,7	21,2	20,6	14,3	14,3
individual entrepreneurs	73,3	77,3	78,8	79,4	85,7	85,7
Administrative and support service activities						
thsd. units	72,6	47,4	53,7	54,2	45,9	52,7
percent						
enterprises	22,1	33,0	35,0	34,3	28,8	28,8
individual entrepreneurs	77,9	67,0	65,0	65,7	71,2	71,2
Education						
thsd. units	10,8	10,9	16,7	17,9	17,5	25,4
percent						
enterprises	22,6	19,2	16,2	15,1	10,9	9,1
individual entrepreneurs	77,4	80,8	83,8	84,9	89,1	90,9
Human health and social work activities						
thsd. units	18,2	21,7	37,6	34,6	32,2	38,1
percent						
enterprises	25,7	19,9	19,7	22,0	18,9	17,6
individual entrepreneurs	74,3	80,1	80,3	78,0	81,1	82,4
Arts, entertainment and recreation						
thsd. units	11,9	14,9	15,7	15,9	13,6	16,1
percent						
enterprises	17,5	14,0	14,6	14,5	11,0	10,6
individual entrepreneurs	82,5	86,0	85,4	85,5	89,0	89,4
Other services activities						
thsd. units	128,2	89,9	116,4	110,4	94,2	105,7
percent						
enterprises	3,6	4,3	2,7	2,7	2,0	1,9
individual entrepreneurs	96,4	95,7	97,3	97,3	98,0	98,1

¹ See the footnote to Table 22.1

ACTIVITY OF ENTERPRISES

22.3. Number of persons employed of business entities by type of economic activity and distribution into enterprises and individual entrepreneurs

	2010	2015	2020	2021	2022	2023
Total¹, thsd. persons	11000,5	8331,9	9057,1	9056,1	7606,1	7514,3
percent						
enterprises	74,4	72,5	71,7	71,9	72,1	68,5
individual entrepreneurs	25,6	27,5	28,3	28,1	27,9	31,5
Agriculture, forestry and fishing						
thsd. persons	811,7	642,6	575,9	576,1	488,6	456,9
percent						
enterprises	94,7	93,0	92,8	93,0	93,0	92,4
individual entrepreneurs	5,3	7,0	7,2	7,0	7,0	7,6
Industry						
thsd. persons	3291,9	2417,8	2185,0	2167,1	1808,6	1689,4
percent						
enterprises	93,9	93,1	91,9	92,2	92,7	91,4
individual entrepreneurs	6,1	6,9	8,1	7,8	7,3	8,6
Construction						
thsd. persons	524,0	282,5	329,1	349,8	261,4	241,9
percent						
enterprises	90,1	87,8	87,3	88,0	87,1	84,2
individual entrepreneurs	9,9	12,2	12,7	12,0	12,9	15,8
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	2961,0	2202,1	2353,4	2337,4	1911,4	1958,6
percent						
enterprises	41,9	42,0	46,2	48,5	50,7	47,0
individual entrepreneurs	58,1	58,0	53,8	51,5	49,3	53,0
Transportation and storage						
thsd. persons	1133,0	931,3	877,3	853,7	747,2	714,1
percent						
enterprises	82,0	83,4	83,1	83,2	82,1	78,9
individual entrepreneurs	18,0	16,6	16,9	16,8	17,9	21,1
Accommodation and food services activities						
thsd. persons	249,3	195,2	248,0	250,5	179,2	206,7
percent						
enterprises	54,0	45,0	34,6	34,5	34,8	28,3
individual entrepreneurs	46,0	55,0	65,4	65,5	65,2	71,7
Information and communication						
thsd. persons	284,4	275,1	383,4	437,1	423,3	428,9
percent						
enterprises	82,1	60,5	40,3	36,1	31,2	29,7
individual entrepreneurs	17,9	39,5	59,7	63,9	68,8	70,3

ACTIVITY OF ENTERPRISES

Table 22.3 continued

	2010	2015	2020	2021	2022	2023
Financial and insurance activities						
thsd. persons	318,8	214,8	209,6	205,5	178,5	160,7
percent						
enterprises	96,9	96,1	96,9	96,6	96,4	95,6
individual entrepreneurs	3,1	3,9	3,1	3,4	3,6	4,4
Real estate activities						
thsd. persons	274,1	239,0	226,9	225,5	183,4	190,7
percent						
enterprises	88,6	70,2	68,4	68,5	67,1	65,9
individual entrepreneurs	11,4	29,8	31,6	31,5	32,9	34,1
Professional, scientific and technical activities						
thsd. persons	405,7	318,7	328,8	336,7	291,5	311,2
percent						
enterprises	74,2	63,8	59,5	59,4	54,3	49,9
individual entrepreneurs	25,8	36,2	40,5	40,6	45,7	50,1
Administrative and support service activities						
thsd. persons	337,9	291,5	301,1	301,9	241,4	239,3
percent						
enterprises	78,5	85,4	81,9	81,5	81,1	78,2
individual entrepreneurs	21,5	14,6	18,1	18,5	18,9	21,8
Education						
thsd. persons	46,7	30,7	41,4	42,7	37,2	46,9
percent						
enterprises	76,4	63,8	51,0	48,7	47,3	38,0
individual entrepreneurs	23,6	36,2	49,0	51,3	52,7	62,0
Human health and social work activities						
thsd. persons	112,1	110,2	793,7	772,9	695,0	688,5
percent						
enterprises	81,5	78,3	93,2	92,6	92,9	91,2
individual entrepreneurs	18,5	21,7	6,8	7,4	7,1	8,8
Arts, entertainment and recreation						
thsd. persons	42,5	48,8	47,8	50,8	41,2	45,3
percent						
enterprises	67,1	64,1	55,0	56,5	60,7	53,9
individual entrepreneurs	32,9	35,9	45,0	43,5	39,3	46,1
Other services activities						
thsd. persons	207,4	131,6	155,7	148,4	118,2	135,3
percent						
enterprises	20,5	17,9	11,1	11,9	11,0	9,8
individual entrepreneurs	79,5	82,1	88,9	88,1	89,0	90,2

¹ See the footnote to Table 22.1

ACTIVITY OF ENTERPRISES

22.4. Number of employees of business entities by type of economic activity and distribution into enterprises and individual entrepreneurs

	2010	2015	2020	2021	2022	2023
Total¹, thsd. persons	9073,6	6589,5	7379,6	7368,7	6088,1	5827,0
percent						
enterprises	88,9	90,0	86,9	87,0	89,3	86,9
individual entrepreneurs	11,1	10,0	13,1	13,0	10,7	13,1
Agriculture, forestry and fishing						
thsd. persons	738,5	581,8	523,8	520,2	448,4	419,4
percent						
enterprises	98,1	97,9	96,7	96,7	97,0	96,9
individual entrepreneurs	1,9	2,1	3,3	3,3	3,0	3,1
Industry						
thsd. persons	3178,5	2314,6	2098,4	2084,5	1737,8	1607,2
percent						
enterprises	97,0	96,8	95,3	95,4	96,2	95,5
individual entrepreneurs	3,0	3,2	4,7	4,6	3,8	4,5
Construction						
thsd. persons	477,7	247,6	299,3	318,2	235,4	209,9
percent						
enterprises	96,9	96,6	94,5	94,7	95,5	94,2
individual entrepreneurs	3,1	3,4	5,5	5,3	4,5	5,8
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1847,8	1280,9	1610,8	1634,7	1310,1	1302,9
percent						
enterprises	65,8	70,3	66,5	67,9	73,5	69,1
individual entrepreneurs	34,2	29,7	33,5	32,1	26,5	30,9
Transportation and storage						
thsd. persons	996,7	823,6	794,2	773,3	670,7	624,7
percent						
enterprises	92,8	93,8	91,5	91,4	91,2	89,5
individual entrepreneurs	7,2	6,2	8,5	8,6	8,8	10,5
Accommodation and food services activities						
thsd. persons	206,5	142,1	182,6	186,4	125,5	143,4
percent						
enterprises	63,9	60,2	46,3	45,3	49,0	39,6
individual entrepreneurs	36,1	39,8	53,7	54,7	51,0	60,4
Information and communication						
thsd. persons	239,1	168,5	162,5	165,6	137,8	132,2
percent						
enterprises	96,6	96,3	93,4	93,1	94,7	93,6
individual entrepreneurs	3,4	3,7	6,6	6,9	5,3	6,4

ACTIVITY OF ENTERPRISES

Table 22.4 continued

	2010	2015	2020	2021	2022	2023
Financial and insurance activities						
thsd. persons	309,1	205,8	202,8	198,0	171,9	152,9
percent						
enterprises	99,6	99,8	99,8	99,7	99,8	99,7
individual entrepreneurs	0,4	0,2	0,2	0,3	0,2	0,3
Real estate activities						
thsd. persons	242,9	168,0	162,7	160,6	128,0	128,8
percent						
enterprises	96,5	94,1	92,1	92,1	93,9	93,0
individual entrepreneurs	3,5	5,9	7,9	7,9	6,1	7,0
Professional, scientific and technical activities						
thsd. persons	310,1	208,3	213,5	216,2	171,3	167,7
percent						
enterprises	94,8	93,2	89,4	89,4	90,8	89,0
individual entrepreneurs	5,2	6,8	10,6	10,6	9,2	11,0
Administrative and support service activities						
thsd. persons	276,5	255,5	263,4	262,4	206,9	197,6
percent						
enterprises	94,1	95,8	92,6	92,2	93,8	92,6
individual entrepreneurs	5,9	4,2	7,4	7,8	6,2	7,4
Education						
thsd. persons	37,6	21,3	27,0	26,9	21,4	23,2
percent						
enterprises	93,1	89,2	76,7	75,1	81,3	74,1
individual entrepreneurs	6,9	10,8	23,3	24,9	18,7	25,9
Human health and social work activities						
thsd. persons	97,3	91,7	763,0	745,0	668,4	655,8
percent						
enterprises	92,7	92,9	96,9	96,0	96,6	95,6
individual entrepreneurs	7,3	7,1	3,1	4,0	3,4	4,4
Arts, entertainment and recreation						
thsd. persons	32,4	35,4	33,7	36,6	28,8	30,3
percent						
enterprises	87,0	86,7	76,3	76,5	85,8	78,5
individual entrepreneurs	13,0	13,3	23,7	23,5	14,2	21,5
Other services activities						
thsd. persons	82,9	44,4	41,9	40,1	25,7	31,0
percent						
enterprises	50,1	50,2	39,9	41,9	49,4	41,0
individual entrepreneurs	49,9	49,8	60,1	58,1	50,6	59,0

¹ See the footnote to Table 22.1

ACTIVITY OF ENTERPRISES

22.5. Turnover of business entities by type of economic activity and distribution into enterprises and individual entrepreneurs

	2010	2015	2020	2021	2022	2023
Total¹, mln. UAH	3692554,4	5716431,0	11285578,9	15240051,1	11485855,3	14052751,6
percent						
enterprises	93,8	93,0	91,0	91,0	99,2	99,2
individual entrepreneurs	6,2	7,0	9,0	9,0	0,8	0,8
Agriculture, forestry and fishing						
mln. UAH	103561,2	372033,4	624070,1	943489,3	682412,1	782619,1
percent						
enterprises	96,5	97,4	97,0	97,4	99,7	99,7
individual entrepreneurs	3,5	2,6	3,0	2,6	0,3	0,3
Industry						
mln. UAH	1173801,8	1917185,6	3524673,5	4999408,2	4008465,5	4543621,8
percent						
enterprises	98,8	98,5	98,2	98,3	99,8	99,7
individual entrepreneurs	1,2	1,5	1,8	1,7	0,2	0,3
Construction						
mln. UAH	101991,1	150540,5	444753,8	539503,3	264518,8	360883,6
percent						
enterprises	94,8	94,9	94,5	94,7	99,8	99,7
individual entrepreneurs	5,2	5,1	5,5	5,3	0,2	0,3
Wholesale and retail trade; repair of motor vehicles and motorcycles						
mln. UAH	1555284,6	2159334,2	4519524,7	5994849,5	4452093,6	5771549,1
percent						
enterprises	90,4	90,5	90,0	89,8	98,7	98,7
individual entrepreneurs	9,6	9,5	10,0	10,2	1,3	1,3
Transportation and storage						
mln. UAH	160170,2	322291,2	558433,9	654504,2	541964,8	638677,1
percent						
enterprises	89,8	91,2	89,2	88,7	97,7	97,3
individual entrepreneurs	10,2	8,8	10,8	11,3	2,3	2,7
Accommodation and food service activities						
mln. UAH	16578,9	29069,3	66445,1	107285,4	38181,4	62220,0
percent						
enterprises	70,0	62,8	45,5	44,8	93,3	92,8
individual entrepreneurs	30,0	37,2	54,5	55,2	6,7	7,2
Information and communication						
mln. UAH	73015,0	141479,6	395417,2	528450,7	292105,0	337999,4
percent						
enterprises	90,3	71,1	55,2	53,2	99,8	99,8
individual entrepreneurs	9,7	28,9	44,8	46,8	0,2	0,2

ACTIVITY OF ENTERPRISES

Table 22.5 continued

	2010	2015	2020	2021	2022	2023
Financial and insurance activities						
mIn. UAH	264857,9	236454,9	341735,9	395825,4	483026,5	658851,6
percent						
enterprises	98,7	99,0	98,5	98,5	100,0	100,0
individual entrepreneurs	1,3	1,0	1,5	1,5	0,0	0,0
Real estate activities						
mIn. UAH	42242,0	90298,1	159090,2	192779,6	124785,9	168908,8
percent						
enterprises	86,4	83,4	79,9	78,7	99,2	99,2
individual entrepreneurs	13,6	16,6	20,1	21,3	0,8	0,8
Professional, scientific and technical activities						
mIn. UAH	151520,8	206687,6	343195,1	451805,1	296463,0	339274,4
percent						
enterprises	95,0	87,4	78,3	78,2	99,9	99,8
individual entrepreneurs	5,0	12,6	21,7	21,8	0,1	0,2
Administrative and support service activities						
mIn. UAH	28731,7	57318,1	127087,2	161138,9	102983,7	123331,0
percent						
enterprises	82,7	85,9	80,5	79,2	99,8	99,6
individual entrepreneurs	17,3	14,1	19,5	20,8	0,2	0,4
Education						
mIn. UAH	1943,8	3101,7	11357,1	16649,7	5732,3	7756,1
percent						
enterprises	79,9	63,7	48,1	43,5	99,8	99,5
individual entrepreneurs	20,1	36,3	51,9	56,5	0,2	0,5
Human health and social work activities						
mIn. UAH	7663,6	12991,0	130559,0	195372,0	179952,8	186197,1
percent						
enterprises	85,1	81,4	92,6	91,7	100,0	99,9
individual entrepreneurs	14,9	18,6	7,4	8,3	0,0	0,1
Arts, entertainment and recreation						
mIn. UAH	3359,1	6955,5	12203,5	20969,0	8478,3	65065,5
percent						
enterprises	83,1	71,8	45,7	50,4	99,6	99,8
individual entrepreneurs	16,9	28,2	54,3	49,6	0,4	0,2
Other services activities						
mIn. UAH	7832,7	10690,3	27032,6	38020,8	4691,6	5797,0
percent						
enterprises	29,3	31,6	19,8	18,7	98,6	98,1
individual entrepreneurs	70,7	68,4	80,2	81,3	1,4	1,9

¹ See the footnote to Table 22.1

ACTIVITY OF ENTERPRISES

**22.6. Distribution of active large, medium, small and microenterprises
by type of economic activity**

	2010	2015	2020	2021	2022	2023
Total¹, units	378810	343440	373822	370834	261924	307852
percent						
large enterprises	0,2	0,1	0,1	0,2	0,2	0,2
medium enterprises	5,5	4,4	4,7	4,7	5,6	4,6
small enterprises	94,3	95,5	95,2	95,1	94,2	95,2
of them microenterprises	79,3	82,8	82,4	82,2	78,7	82,8
Agriculture, forestry and fishing						
units	50666	46744	49452	47753	32844	40889
percent						
large enterprises	0,0	0,1	0,1	0,1	0,1	0,1
medium enterprises	6,8	5,4	4,3	4,4	5,1	3,6
small enterprises	93,2	94,5	95,6	95,5	94,8	96,3
of them microenterprises	84,8	83,9	85,0	84,2	80,2	85,4
Industry						
units	47827	42564	47806	49059	36422	41846
percent						
large enterprises	0,7	0,6	0,5	0,6	0,7	0,6
medium enterprises	12,8	11,0	10,3	9,9	11,6	9,4
small enterprises	86,5	88,4	89,2	89,5	87,7	90,0
of them microenterprises	64,3	68,2	69,2	69,8	64,9	71,0
Construction						
units	38215	29165	31633	31500	21574	24798
percent						
large enterprises	0,0	0,0	0,1	0,1	0,0	0,0
medium enterprises	3,9	2,7	2,9	2,9	3,2	2,5
small enterprises	96,1	97,3	97,0	97,0	96,8	97,5
of them microenterprises	79,9	84,0	81,4	81,8	79,8	83,9
Wholesale and retail trade; repair of motor vehicles and motorcycles						
units	110154	93643	98369	97038	67395	79577
percent						
large enterprises	0,2	0,1	0,1	0,2	0,2	0,2
medium enterprises	3,7	2,9	3,2	3,3	4,0	3,4
small enterprises	96,1	97,0	96,7	96,5	95,8	96,4
of them microenterprises	82,7	86,1	85,7	85,1	82,0	85,4

ACTIVITY OF ENTERPRISES

Table 22.6 continued

	2010	2015	2020	2021	2022	2023
Transportation and storage						
units	13603	15148	17584	17619	13151	16473
percent						
large enterprises	0,3	0,2	0,2	0,2	0,2	0,1
medium enterprises	9,1	7,3	6,3	6,1	7,0	5,4
small enterprises	90,6	92,5	93,5	93,7	92,8	94,5
of them microenterprises	69,0	75,7	76,4	76,4	72,3	77,5
Accommodation and food service activities						
units	9777	7700	7697	7560	4805	5628
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
medium enterprises	4,3	3,2	3,2	3,0	3,8	2,7
small enterprises	95,7	96,8	96,8	97,0	96,2	97,3
of them microenterprises	76,1	81,5	82,2	83,0	80,9	85,7
Information and communication						
units	13189	13617	16054	16384	11793	13763
percent						
large enterprises	0,1	0,0	0,0	0,1	0,1	0,1
medium enterprises	3,1	2,5	2,2	2,2	2,8	2,4
small enterprises	96,8	97,5	97,8	97,7	97,1	97,5
of them microenterprises	81,3	84,7	86,7	86,9	84,1	87,3
Financial and insurance activities						
units	5702	4333	4093	4162	3180	3397
percent						
large enterprises	0,1	0,0	0,2	0,3	0,4	0,3
medium enterprises	7,7	6,8	7,4	7,4	7,4	7,2
small enterprises	92,2	93,2	92,4	92,3	92,2	92,5
of them microenterprises	78,9	79,3	78,6	78,8	77,1	78,0
Real estate activities						
units	27603	32719	36798	36093	26508	30630
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
medium enterprises	2,7	1,5	1,0	0,9	1,0	0,8
small enterprises	97,3	98,5	99,0	99,1	99,0	99,2
of them microenterprises	83,7	89,9	91,7	91,9	91,0	92,5

ACTIVITY OF ENTERPRISES

Table 22.6 continued

	2010	2015	2020	2021	2022	2023
Professional, scientific and technical activities						
units	32189	29780	29810	29556	19748	22948
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
medium enterprises	2,9	2,1	1,9	1,9	2,3	1,8
small enterprises	97,1	97,9	98,1	98,1	97,7	98,2
of them microenterprises	85,4	89,9	90,1	90,1	87,8	90,4
Administrative and support service activities						
units	16011	15646	18837	18587	13170	15169
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
medium enterprises	6,6	5,7	4,4	4,4	5,2	4,3
small enterprises	93,4	94,3	95,6	95,6	94,8	95,7
of them microenterprises	73,7	77,7	79,8	79,7	76,5	81,3
Education						
units	2454	2089	2741	2682	1853	2251
percent						
large enterprises	0,0	—	—	—	—	—
medium enterprises	4,4	2,6	1,8	2,0	2,6	1,9
small enterprises	95,6	97,4	98,2	98,0	97,4	98,1
of them microenterprises	76,4	82,3	83,9	84,3	81,4	84,6
Human health and social work activities						
units	4684	4307	7407	7569	6131	6713
percent						
large enterprises	—	—	0,0	0,1	0,0	0,0
medium enterprises	6,3	6,2	34,4	32,9	36,9	32,8
small enterprises	93,7	93,8	65,6	67,0	63,1	67,2
of them microenterprises	71,5	69,2	41,1	42,4	35,7	41,7
Arts, entertainment and recreation						
units	2078	2089	2335	2264	1485	1721
percent						
large enterprises	0,1	0,1	0,1	0,1	—	0,1
medium enterprises	5,1	5,9	4,3	5,2	7,8	6,6
small enterprises	94,8	94,0	95,6	94,7	92,2	93,3
of them microenterprises	82,7	82,1	82,6	81,4	77,6	82,2
Other services activities						
units	4658	3896	3206	3008	1865	2049
percent						
large enterprises	—	—	—	—	—	—
medium enterprises	2,0	1,3	1,2	1,5	2,1	1,8
small enterprises	98,0	98,7	98,8	98,5	97,9	98,2
of them microenterprises	79,2	86,8	89,3	89,0	87,0	90,1

¹ Without taking into account the results of banks

ACTIVITY OF ENTERPRISES

22.7. Distribution of number of persons employed at large, medium, small and microenterprises by type of economic activity

	2010	2015	2020	2021	2022	2023
Total¹, thsd. persons	7958,2	5889,7	6366,1	6391,7	5382,4	5052,3
percent						
large enterprises	30,2	29,0	24,7	25,8	25,4	26,2
medium enterprises	42,6	44,2	48,5	46,4	48,0	46,2
small enterprises	27,2	26,8	26,8	27,8	26,6	27,6
of them microenterprises	10,5	11,7	11,3	12,2	10,8	12,1
Agriculture, forestry and fishing						
thsd. persons	768,3	597,6	534,7	535,7	454,5	422,0
percent						
large enterprises	4,3	8,1	7,2	8,1	7,6	15,8
medium enterprises	67,1	57,9	51,9	49,1	51,0	42,7
small enterprises	28,6	34,0	40,9	42,8	41,4	41,5
of them microenterprises	13,2	14,9	18,2	19,6	17,1	17,3
Industry						
thsd. persons	3091,8	2252,1	2008,2	1998,7	1676,0	1544,0
percent						
large enterprises	45,3	39,0	34,3	36,0	34,0	35,1
medium enterprises	43,0	48,8	50,5	48,1	50,2	48,0
small enterprises	11,7	12,2	15,2	15,9	15,8	16,9
of them microenterprises	3,0	3,6	4,5	4,9	4,6	5,4
Construction						
thsd. persons	472,1	248,1	287,3	307,9	227,7	203,7
percent						
large enterprises	2,7	1,3	4,3	7,3	4,2	4,6
medium enterprises	44,3	43,7	38,8	37,6	39,7	35,4
small enterprises	53,0	55,0	56,9	55,1	56,1	60,0
of them microenterprises	19,2	24,4	22,6	23,0	22,5	26,9
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1241,1	925,7	1086,2	1132,9	970,0	920,5
percent						
large enterprises	21,1	26,7	32,0	33,5	34,6	34,6
medium enterprises	34,6	34,3	33,6	31,7	32,4	31,9
small enterprises	44,3	39,0	34,4	34,8	33,0	33,5
of them microenterprises	19,6	20,0	17,0	17,6	15,8	17,3

ACTIVITY OF ENTERPRISES

Table 22.7 continued

	2010	2015	2020	2021	2022	2023
Transportation and storage						
thsd. persons	928,5	776,5	729,4	710,0	613,2	563,5
percent						
large enterprises	60,4	59,9	56,7	56,5	57,9	55,3
medium enterprises	28,9	28,9	29,2	28,4	27,3	27,7
small enterprises	10,7	11,2	14,1	15,1	14,8	17,0
of them microenterprises	3,0	4,0	5,0	5,6	5,1	6,2
Accommodation and food service activities						
thsd. persons	134,5	87,9	85,9	86,3	62,3	58,4
percent						
large enterprises	5,4	c	c	c	c	c
medium enterprises	42,9	c	c	c	c	c
small enterprises	51,7	47,6	45,0	45,3	43,1	43,9
of them microenterprises	19,1	19,0	18,0	18,9	18,0	20,3
Information and communication						
thsd. persons	233,5	166,4	154,4	158,0	131,9	127,4
percent						
large enterprises	39,3	27,9	18,5	16,5	17,0	16,7
medium enterprises	26,8	32,8	36,6	38,1	39,6	40,3
small enterprises	33,9	39,3	44,9	45,4	43,4	43,0
of them microenterprises	14,2	18,4	21,5	22,7	20,4	21,8
Financial and insurance activities						
thsd. persons	81,2	54,6	77,9	78,7	68,4	61,2
percent						
large enterprises	22,7	c	21,2	24,4	29,2	30,0
medium enterprises	44,9	c	58,1	54,6	50,4	49,0
small enterprises	32,4	30,9	20,7	21,0	20,4	21,0
of them microenterprises	14,6	15,2	10,3	10,8	10,1	10,3
Real estate activities						
thsd. persons	242,8	167,7	155,1	154,5	123,0	125,7
percent						
large enterprises	c	c	c	c	c	c
medium enterprises	c	c	c	c	c	c
small enterprises	64,2	73,3	76,7	76,8	76,6	76,8
of them microenterprises	26,9	40,7	43,6	44,7	42,8	46,2

ACTIVITY OF ENTERPRISES

Table 22.7 continued

	2010	2015	2020	2021	2022	2023
Professional, scientific and technical activities						
thsd. persons	301,1	203,4	195,6	200,1	158,2	155,3
percent						
large enterprises	2,3	3,2	c	c	c	9,2
medium enterprises	46,9	43,8	c	c	c	36,6
small enterprises	50,8	53,0	54,9	56,2	54,8	54,2
of them microenterprises	24,8	30,5	30,8	32,5	29,1	30,9
Administrative and support service activities						
thsd. persons	265,2	249,0	246,7	245,9	195,8	187,1
percent						
large enterprises	c	c	c	c	c	c
medium enterprises	c	c	c	c	c	c
small enterprises	40,9	34,2	39,9	41,7	41,2	41,2
of them microenterprises	12,0	11,6	14,3	15,2	14,3	15,9
Education						
thsd. persons	35,7	19,6	21,1	20,8	17,6	17,8
percent						
large enterprises	c	—	—	—	—	—
medium enterprises	c	38,8	33,2	32,4	39,5	35,6
small enterprises	48,6	61,2	66,8	67,6	60,5	64,4
of them microenterprises	17,1	25,9	28,6	30,4	26,4	29,0
Human health and social work activities						
thsd. persons	91,4	86,3	740,0	715,9	645,8	628,0
percent						
large enterprises	—	—	c	1,8	c	c
medium enterprises	63,3	61,1	c	90,0	c	c
small enterprises	36,7	38,9	7,2	8,2	7,9	8,2
of them microenterprises	13,0	13,2	1,4	2,0	1,4	1,6
Arts, entertainment and recreation						
thsd. persons	28,5	31,3	26,3	28,7	25,0	24,4
percent						
large enterprises	c	9,7	c	c	—	c
medium enterprises	c	60,7	c	c	68,1	c
small enterprises	35,5	29,6	38,9	37,5	31,9	30,7
of them microenterprises	14,3	11,8	15,3	14,7	11,9	12,5
Other services activities						
thsd. persons	42,5	23,5	17,3	17,6	13,0	13,3
percent						
large enterprises	—	—	—	—	—	—
medium enterprises	24,7	23,7	27,8	30,2	34,5	42,1
small enterprises	75,3	76,3	72,2	69,8	65,5	57,9
of them microenterprises	29,9	39,2	38,9	38,2	35,2	33,3

¹ See the footnote to Table 22.6

ACTIVITY OF ENTERPRISES

22.8. Distribution of number of employees at large, medium, small and microenterprises by type of economic activity

	2010	2015	2020	2021	2022	2023
Total¹, thsd. persons	7836,4	5778,1	6288,4	6289,7	5335,1	4970,4
percent						
large enterprises	30,6	29,6	25,0	26,2	25,7	26,6
medium enterprises	43,3	45,0	49,1	47,2	48,4	47,0
small enterprises	26,1	25,4	25,9	26,6	25,9	26,4
of them microenterprises	9,7	10,2	10,4	10,9	10,2	10,7
Agriculture, forestry and fishing						
thsd. persons	724,8	569,4	506,5	502,9	434,8	406,6
percent						
large enterprises	4,5	8,5	7,6	8,6	7,9	16,4
medium enterprises	71,1	60,7	54,8	52,3	53,3	44,3
small enterprises	24,4	30,8	37,6	39,1	38,8	39,3
of them microenterprises	8,4	10,9	14,0	14,7	13,7	14,4
Industry						
thsd. persons	3082,5	2241,4	2000,2	1988,8	1671,4	1534,1
percent						
large enterprises	45,5	39,1	34,4	36,1	34,1	35,3
medium enterprises	43,1	49,0	50,7	48,3	50,3	48,3
small enterprises	11,4	11,9	14,9	15,6	15,6	16,4
of them microenterprises	2,9	3,3	4,2	4,6	4,4	4,9
Construction						
thsd. persons	462,8	239,2	282,8	301,4	224,9	197,7
percent						
large enterprises	2,8	1,4	4,4	7,4	4,2	4,7
medium enterprises	45,1	45,3	39,3	38,4	40,2	36,5
small enterprises	52,1	53,3	56,3	54,2	55,6	58,8
of them microenterprises	18,9	21,8	21,5	21,4	21,7	24,9
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1215,1	899,9	1071,3	1110,6	962,3	899,7
percent						
large enterprises	21,5	27,5	32,4	34,2	34,9	35,4
medium enterprises	35,4	35,2	34,1	32,3	32,6	32,6
small enterprises	43,1	37,3	33,5	33,5	32,5	32,0
of them microenterprises	19,0	17,9	16,0	16,1	15,3	15,5

ACTIVITY OF ENTERPRISES

Table 22.8 continued

	2010	2015	2020	2021	2022	2023
Transportation and storage						
thsd. persons	924,5	772,7	727,0	706,7	611,9	559,3
percent						
large enterprises	60,6	60,2	56,9	56,7	58,0	55,7
medium enterprises	29,1	29,0	29,3	28,6	27,4	27,9
small enterprises	10,3	10,8	13,8	14,7	14,6	16,4
of them microenterprises	2,9	3,6	4,8	5,2	4,9	5,6
Accommodation and food service activities						
thsd. persons	132,0	85,5	84,5	84,4	61,5	56,8
percent						
large enterprises	5,5	c	c	c	c	c
medium enterprises	43,8	c	c	c	c	c
small enterprises	50,7	46,2	44,2	44,1	42,4	42,3
of them microenterprises	18,7	17,0	16,8	17,2	17,1	18,2
Information and communication						
thsd. persons	231,0	162,3	151,7	154,2	130,5	123,7
percent						
large enterprises	39,7	28,6	18,8	16,9	17,2	17,2
medium enterprises	27,1	33,6	37,2	39,0	40,0	41,5
small enterprises	33,2	37,8	44,0	44,1	42,8	41,3
of them microenterprises	13,9	16,5	20,2	20,9	19,7	19,6
Financial and insurance activities						
thsd. persons	80,1	53,5	77,1	77,6	67,8	60,0
percent						
large enterprises	23,0	c	21,4	24,7	29,5	30,6
medium enterprises	45,5	c	58,6	55,4	50,8	49,9
small enterprises	31,5	29,6	20,0	19,9	19,7	19,5
of them microenterprises	14,1	13,7	9,6	9,8	9,5	8,8
Real estate activities						
thsd. persons	234,4	158,1	149,9	147,9	120,3	119,8
percent						
large enterprises	c	c	c	c	c	c
medium enterprises	c	c	c	c	c	c
small enterprises	62,9	71,7	75,9	75,8	76,1	75,7
of them microenterprises	26,4	37,4	41,8	42,4	41,7	43,8

ACTIVITY OF ENTERPRISES

Table 22.8 continued

	2010	2015	2020	2021	2022	2023
Professional, scientific and technical activities						
thsd. persons	294,0	194,2	190,9	193,3	155,6	149,3
percent						
large enterprises	2,3	3,4	c	c	c	9,6
medium enterprises	48,0	45,9	c	c	c	38,1
small enterprises	49,7	50,7	53,8	54,7	54,0	52,3
of them microenterprises	24,2	27,3	29,1	30,2	27,9	28,2
Administrative and support service activities						
thsd. persons	260,3	244,7	243,9	241,9	194,0	182,9
percent						
large enterprises	c	c	c	c	c	c
medium enterprises	c	c	c	c	c	c
small enterprises	39,8	33,0	39,2	40,7	40,7	39,8
of them microenterprises	11,7	10,1	13,4	13,9	13,6	14,1
Education						
thsd. persons	35,0	19,0	20,7	20,2	17,4	17,2
percent						
large enterprises	c	—	—	—	—	—
medium enterprises	c	40,0	33,8	33,3	40,0	36,8
small enterprises	47,6	60,0	66,2	66,7	60,0	63,2
of them microenterprises	16,7	24,0	27,3	28,5	25,6	26,7
Human health and social work activities						
thsd. persons	90,2	85,2	739,5	715,0	645,3	626,8
percent						
large enterprises	—	—	c	1,8	c	c
medium enterprises	64,1	61,8	c	90,1	c	c
small enterprises	35,9	38,2	7,1	8,1	7,8	8,1
of them microenterprises	12,7	12,3	1,4	1,9	1,4	1,4
Arts, entertainment and recreation						
thsd. persons	28,2	30,7	25,7	28,0	24,7	23,8
percent						
large enterprises	c	9,9	c	c	—	c
medium enterprises	c	62,0	c	c	68,7	c
small enterprises	34,9	28,1	37,5	36,0	31,3	29,2
of them microenterprises	14,1	10,0	13,5	12,7	11,2	10,7
Other services activities						
thsd. persons	41,5	22,3	16,7	16,8	12,7	12,7
percent						
large enterprises	—	—	—	—	—	—
medium enterprises	25,3	25,0	28,7	31,5	35,3	44,2
small enterprises	74,7	75,0	71,3	68,5	64,7	55,8
of them microenterprises	29,6	36,3	37,1	35,7	33,9	30,4

¹ See the footnote to Table 22.6

ACTIVITY OF ENTERPRISES

22.9. Distribution of turnover of large, medium, small and microenterprises by type of economic activity

	2010	2015	2020	2021	2022	2023
Total¹, mln. UAH	3366228,2	5159067,1	10049870,8	13616793,2	11033018,1	13456367,0
percent						
large enterprises	41,6	39,8	36,1	37,8	36,5	35,7
medium enterprises	41,5	42,0	43,4	43,3	44,5	44,5
small enterprises	16,9	18,2	20,5	18,9	19,0	19,8
of them microenterprises	5,4	6,0	7,0	6,3	6,1	6,5
Agriculture, forestry and fishing						
mln. UAH	99891,4	362310,0	605483,1	918661,1	680489,9	780089,5
percent						
large enterprises	11,7	16,9	12,9	12,5	16,4	19,3
medium enterprises	65,6	50,6	47,8	51,6	45,7	43,2
small enterprises	22,7	32,5	39,3	35,9	37,9	37,5
of them microenterprises	10,0	9,4	12,8	11,2	11,3	11,9
Industry						
mln. UAH	1159231,4	1887535,4	3460666,4	4916736,2	3999858,3	4530775,4
percent						
large enterprises	64,3	57,1	49,2	53,2	47,0	47,4
medium enterprises	31,1	36,6	42,9	39,6	45,3	43,4
small enterprises	4,6	6,3	7,9	7,2	7,7	9,2
of them microenterprises	1,1	1,4	1,9	1,8	1,9	2,4
Construction						
mln. UAH	96725,3	142871,9	420084,3	510988,0	264065,2	359838,0
percent						
large enterprises	6,4	13,4	13,9	16,8	9,4	8,8
medium enterprises	55,7	42,3	41,1	40,3	41,3	39,9
small enterprises	37,9	44,3	45,0	42,9	49,3	51,3
of them microenterprises	12,9	16,2	13,8	13,5	15,5	16,7
Wholesale and retail trade; repair of motor vehicles and motorcycles						
mln. UAH	1406132,7	1953257,7	4068233,3	5385021,4	4393718,2	5694289,5
percent						
large enterprises	29,3	28,9	31,8	31,9	33,4	32,3
medium enterprises	45,6	47,7	44,7	46,5	44,5	46,2
small enterprises	25,1	23,4	23,5	21,6	22,1	21,5
of them microenterprises	8,0	8,1	8,2	7,2	7,1	6,9

ACTIVITY OF ENTERPRISES

Table 22.9 continued

	2010	2015	2020	2021	2022	2023
Transportation and storage						
mln. UAH	143791,5	293959,4	498243,7	580411,7	529302,0	621653,6
percent						
large enterprises	60,9	52,1	50,6	47,2	44,9	42,9
medium enterprises	28,5	34,3	30,2	32,7	32,8	33,7
small enterprises	10,6	13,6	19,2	20,1	22,3	23,4
of them microenterprises	3,2	4,6	6,7	7,1	6,6	7,1
Accommodation and food service activities						
mln. UAH	11613,4	18250,0	30215,0	48059,1	35617,4	57752,4
percent						
large enterprises	13,1	c	c	c	c	c
medium enterprises	55,7	c	c	c	c	c
small enterprises	31,2	29,4	32,4	30,6	27,8	23,9
of them microenterprises	9,2	8,8	11,7	9,6	9,8	8,6
Information and communication						
mln. UAH	65925,6	100590,4	218145,0	280979,7	291555,6	337357,3
percent						
large enterprises	49,8	38,3	31,2	28,5	29,3	28,2
medium enterprises	29,9	36,0	36,5	39,4	42,2	42,8
small enterprises	20,3	25,7	32,3	32,1	28,5	29,0
of them microenterprises	7,4	9,4	14,2	13,9	11,4	11,7
Financial and insurance activities						
mln. UAH	165569,8	74175,6	113496,6	139477,2	116989,8	180983,7
percent						
large enterprises	6,2	c	14,0	21,7	22,1	17,1
medium enterprises	87,8	c	66,2	59,3	61,0	68,0
small enterprises	6,0	15,6	19,8	19,0	16,9	14,9
of them microenterprises	1,3	2,7	4,4	4,5	4,3	3,3
Real estate activities						
mln. UAH	36482,9	75284,6	127075,0	151671,9	123822,4	167549,1
percent						
large enterprises	c	c	c	c	c	c
medium enterprises	c	c	c	c	c	c
small enterprises	57,3	51,8	67,5	68,2	69,7	65,5
of them microenterprises	20,3	22,0	33,6	34,3	34,5	33,5

ACTIVITY OF ENTERPRISES

	2010	2015	2020	2021	2022	2023
<i>Table 22.9 continued</i>						
Professional, scientific and technical activities						
mIn. UAH	143937,3	180668,7	268661,3	353093,1	296195,5	338749,4
percent						
large enterprises	64,6	63,1	c	c	c	58,2
medium enterprises	18,4	18,8	c	c	c	19,8
small enterprises	17,0	18,1	23,3	22,2	18,4	22,0
of them microenterprises	6,6	7,5	11,0	10,5	8,1	10,0
Administrative and support service activities						
mIn. UAH	23768,9	49242,3	102332,5	127692,3	102729,5	122879,0
percent						
large enterprises	c	c	c	c	c	c
medium enterprises	c	c	c	c	c	c
small enterprises	45,2	38,0	42,8	44,2	43,0	43,2
of them microenterprises	16,0	12,8	18,5	18,7	18,5	19,3
Education						
mIn. UAH	1552,2	1975,6	5459,0	7244,5	5721,4	7715,5
percent						
large enterprises	c	—	—	—	—	—
medium enterprises	c	42,8	39,6	39,9	38,2	36,6
small enterprises	38,9	57,2	60,4	60,1	61,8	63,4
of them microenterprises	13,4	19,8	30,9	31,3	32,6	33,2
Human health and social work activities						
mIn. UAH	6523,4	10573,2	120838,4	179076,4	179884,9	186090,1
percent						
large enterprises	—	—	c	4,9	c	c
medium enterprises	76,2	71,7	c	87,6	c	c
small enterprises	23,8	28,3	8,4	7,5	7,4	9,3
of them microenterprises	6,2	6,1	1,5	1,4	1,6	1,6
Arts, entertainment and recreation						
mIn. UAH	2789,8	4995,1	5573,7	10559,2	8441,7	64957,1
percent						
large enterprises	c	39,6	c	c	—	c
medium enterprises	c	33,9	c	c	66,1	c
small enterprises	26,5	26,5	43,0	41,4	33,9	6,2
of them microenterprises	11,4	12,6	19,3	18,1	13,4	2,4
Other services activities						
mIn. UAH	2292,6	3377,2	5363,5	7121,4	4626,3	5687,4
percent						
large enterprises	—	—	—	—	—	—
medium enterprises	42,3	46,1	36,2	40,1	38,0	36,8
small enterprises	57,7	53,9	63,8	59,9	62,0	63,2
of them microenterprises	22,3	23,2	32,2	30,0	30,7	31,7

¹ See the footnote to Table 22.6

ACTIVITY OF ENTERPRISES

FINANCE OF THE ENTERPRISES

22.10. Enterprises' balance structure

	Balance, mln. UAH	Assets		
		noncurrent assets	current assets	noncurrent assets held for sale and disposal groups
Total				
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
2023	16442568,9	38,0	62,0	0,0
Agriculture, forestry and fishing				
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
2023	1530605,5	32,9	67,1	0,0
Industry				
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
2023	5361910,7	41,9	58,1	0,0
Construction				
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
2023	752949,9	20,6	79,3	0,1
Wholesale and retail trade; repair of motor vehicles and motorcycles				
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
2023	3621557,2	12,5	87,5	0,0
Transportation and storage				
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
2023	1271998,6	66,6	33,3	0,1
Accommodation and food service activities				
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
2023	63451,2	56,2	43,8	0,0
Information and communication				
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
2023	321699,9	45,2	54,8	0,0

¹ See the footnote to Table 22.6

ACTIVITY OF ENTERPRISES

by type of economic activity¹

(end of the year; percent)

equity capital	Liabilities			liabilities, related to the noncurrent asset held for sale and disposal groups and net cost of assets of non-state pension fund
	long-term liabilities and provision	current provisions liabilities		
26,3	15,1	58,6	0,0	
29,2	13,1	57,7	0,0	
27,1	13,4	59,5	0,0	
28,1	13,4	58,5	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	
57,3	6,9	35,8	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	
20,5	16,2	63,3	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	
3,7	11,5	84,8	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	
13,4	8,1	78,5	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	
50,1	14,0	35,9	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	
11,9	21,2	66,9	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	
39,2	19,5	41,3	0,0	

ACTIVITY OF ENTERPRISES

	Balance, mln. UAH	Assets		
		noncurrent assets	current assets	noncurrent assets held for sale and disposal groups
Financial and insurance activities				
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
2023	848184,0	33,5	66,3	0,2
Real estate activities				
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
2023	903932,3	59,6	40,3	0,1
Professional, scientific and technical activities				
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
2023	1094654,2	55,2	44,8	0,0
Administrative and support service activities				
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
2023	352097,4	60,3	39,6	0,1
Education				
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
2023	9869,7	44,0	56,0	0,0
Human health and social work activities				
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
2023	234262,6	72,1	27,9	0,0
Arts, entertainment and recreation				
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
2023	68184,3	59,3	40,7	0,0
Other services activities				
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
2023	7211,4	42,6	57,4	0,0

ACTIVITY OF ENTERPRISES

Table 22.10 continued

equity capital	Liabilities			liabilities, related to the noncurrent asset held for sale and disposal groups and net cost of assets of non-state pension fund
	Long-term liabilities and provision	current provisions liabilities		
36,7	15,4	47,3		0,6
39,7	13,6	46,2		0,5
42,7	14,2	42,6		0,5
46,5	14,5	38,4		0,6
9,7	26,5	63,8		0,0
17,1	23,5	59,4		0,0
12,3	26,2	61,5		0,0
14,3	24,9	60,8		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
45,9	13,8	40,3		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
44,5	13,7	41,8		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
16,6	13,4	70,0		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
60,4	13,9	25,7		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
36,4	8,6	55,0		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
48,6	3,5	47,9		0,0

ACTIVITY OF ENTERPRISES

22.11. Financial results before taxation of enterprises, by type of economic activity¹

	<i>(mln. UAH)</i>					
	2010	2015	2020	2021	2022	2023
Total						
profit loss before tax	58334,0	-340126,6	303219,3	1119261,7	46127,2	853619,3
profit	212008,6	475321,2	848622,7	1352088,2	1010079,4	1344373,3
loss	153674,6	815447,8	545403,4	232826,5	963952,2	490754,0
share of enterprises that suffered a loss	41,0	26,3	28,6	26,7	33,9	28,9
Agriculture, forestry and fishing						
profit loss before tax	17291,8	103137,6	82230,6	239982,5	87258,4	65353,0
profit	22306,1	128880,2	108581,4	248315,2	126351,9	99391,5
loss	5014,3	25742,6	26350,8	8332,7	39093,5	34038,5
share of enterprises that suffered a loss	30,5	11,5	17,3	11,7	21,5	21,6
Industry						
profit loss before tax	31221,1	-181360,9	-22289,6	449515,3	-228844,3	105343,7
profit	68933,1	90315,9	210676,8	541747,4	234309,4	363301,8
loss	37712,0	271676,8	232966,4	92232,1	463153,7	257958,1
share of enterprises that suffered a loss	41,3	27,1	30,3	28,7	35,4	28,3
Construction						
profit loss before tax	-4418,2	-25074,1	-2047,8	8370,6	-17584,5	3983,2
profit	4905,1	5648,1	16418,9	17691,5	11443,1	19908,2
loss	9323,3	30722,2	18466,7	9320,9	29027,6	15925,0
share of enterprises that suffered a loss	44,7	28,9	29,1	29,0	37,6	31,0
Wholesale and retail trade; repair of motor vehicles and motorcycles						
profit loss before tax	14883,5	-80564,3	45272,0	145861,9	50349,4	177839,1
profit	42655,9	56898,4	118199,0	184883,9	165589,8	238444,9
loss	27772,4	137462,7	72927,0	39022,0	115240,4	60605,8
share of enterprises that suffered a loss	37,5	23,9	25,6	22,9	29,2	24,2
Transportation and storage						
profit loss before tax	5058,9	-13921,8	17013,3	31246,8	-23035,5	47108,7
profit	10387,7	23093,7	67223,5	60112,5	42554,2	75768,5
loss	5328,8	37015,5	50210,2	28865,7	65589,7	28659,8
share of enterprises that suffered a loss	45,4	29,1	28,3	27,7	31,6	28,1
Accommodation and food service activities						
profit loss before tax	-548,1	-7094,4	-4440,9	5347,2	-8594,7	3682,5
profit	619,8	771,4	2059,2	7002,7	1464,2	6349,3
loss	1167,9	7865,8	6500,1	1655,5	10058,9	2666,8
share of enterprises that suffered a loss	42,7	28,1	40,9	36,3	44,2	36,1
Information and communication						
profit loss before tax	4101,4	-10166,6	16961,1	34002,5	17396,7	52625,6
profit	8168,5	12057,3	29652,8	40332,8	38606,7	57874,4
loss	4067,1	22223,9	12691,7	6330,3	21210,0	5248,8
share of enterprises that suffered a loss	41,0	29,0	28,9	30,1	35,9	31,3

ACTIVITY OF ENTERPRISES

Table 22.11 continued

	2010	2015	2020	2021	2022	2023
Financial and insurance activities						
profit loss before tax	15627,0	-171,3	196913,0	128070,5	276697,4	346957,6
profit	38445,2	103182,0	214119,8	136851,7	323576,2	360680,1
loss	22818,2	103353,3	17206,8	8781,2	46878,8	13722,5
share of enterprises that suffered a loss	41,1	36,7	32,7	31,4	40,6	33,1
Real estate activities						
profit loss before tax	-6537,7	-63470,1	-36027,1	16729,4	-60191,7	3211,7
profit	4743,7	39330,9	24280,3	35632,3	21050,8	37114,3
loss	11281,4	102801,0	60307,4	18902,9	81242,5	33902,6
share of enterprises that suffered a loss	50,1	39,4	39,2	38,8	45,5	39,7
Professional, scientific and technical activities						
profit loss before tax	-15110,3	-47964,1	-9583,4	44370,1	-48959,7	25354,6
profit	8218,6	10023,2	21489,7	50700,2	16313,7	42622,1
loss	23328,9	57987,3	31073,1	6330,1	65273,4	17267,5
share of enterprises that suffered a loss	42,5	30,4	31,5	31,5	41,5	32,5
Administrative and support service activities						
profit loss before tax	-1578,5	-9425,1	875,3	9477,1	-5459,1	6072,8
profit	1606,8	3797,8	12380,3	14159,8	10236,3	15463,3
loss	3185,3	13222,9	11505,0	4682,7	15695,4	9390,5
share of enterprises that suffered a loss	44,0	30,7	34,0	30,0	36,0	33,0
Education						
profit loss before tax	88,3	105,3	143,8	126,7	-208,8	-74,0
profit	163,1	225,7	551,5	541,4	643,7	837,4
loss	74,8	120,4	407,7	414,7	852,5	911,4
share of enterprises that suffered a loss	35,7	28,5	33,6	33,9	36,4	36,6
Human health and social work activities						
profit loss before tax	9,8	-961,1	19616,0	8466,7	10964,8	3824,0
profit	406,5	547,7	21672,2	12320,0	15789,6	11838,8
loss	396,7	1508,8	2056,2	3853,3	4824,8	8014,8
share of enterprises that suffered a loss	39,3	30,2	23,9	29,1	33,2	32,2
Arts, entertainment and recreation						
profit loss before tax	-1784,6	-3489,2	-1540,3	-2608,4	-3807,7	12007,6
profit	248,2	109,0	907,1	1345,1	1691,1	14200,3
loss	2032,8	3598,2	2447,4	3953,5	5498,8	2192,7
share of enterprises that suffered a loss	48,7	37,4	46,6	43,9	52,1	41,5
Other services activities						
profit loss before tax	29,6	293,5	123,3	302,8	146,5	329,2
profit	200,3	439,9	410,2	451,7	458,7	578,4
loss	170,7	146,4	286,9	148,9	312,2	249,2
share of enterprises that suffered a loss	37,9	27,5	32,9	31,3	36,2	27,8

¹ See the footnote to Table 22.1

ACTIVITY OF ENTERPRISES

22.12. Profitability of operational activity of enterprises, by type of economic activity¹*(percent)*

	2010	2015	2020	2021	2022	2023
Total	4,0	1,0	6,2	12,6	3,3	8,0
Agriculture, forestry and fishing	22,9	41,7	18,6	40,3	20,0	12,0
Industry	3,5	0,9	3,9	11,2	0,8	4,7
Construction	-1,5	-7,6	1,3	2,3	-2,4	3,7
Wholesale and retail trade; repair of motor vehicles and motorcycles	9,8	-0,9	16,2	17,9	17,2	29,1
Transportation and storage	5,6	1,1	4,4	5,8	2,7	9,7
Accommodation and food service activities	-1,8	-17,3	-7,9	9,0	-10,0	10,6
Information and communication	7,4	0,5	14,7	15,6	12,9	15,8
Financial and insurance activities	3,5	-8,9	3,5	8,8	-2,7	2,8
Real estate activities	0,3	-33,4	-6,3	15,5	-17,1	10,3
Professional, scientific and technical activities	-6,6	-1,1	2,4	4,1	-10,4	-3,1
Administrative and support service activities	-3,3	-11,9	5,5	7,1	0,8	6,6
Education	4,9	5,7	7,1	5,6	2,1	0,3
Human health and social work activities	4,0	-0,6	11,2	0,0	3,2	-0,2
Arts, entertainment and recreation	-26,9	-25,3	-10,6	-12,5	-10,0	21,7
Other services activities	4,3	7,3	3,4	3,5	5,1	4,0

¹ See the footnote to Table 22.6

23. SCIENCE

The section include indicators characterizing the organisations' (enterprises') activity regarding the R&D performance (including the of universities, state and non-profit research organisations).

R&D include to basic research, applied research and experimental developments.

Basic research are the theoretical and experimental R&D aimed at obtaining new knowledge about the patterns of organization and development of nature, society, human being, their relationships. The result of the fundamental R&D are the hypotheses, theories, new methods of cognition, the discovery of nature laws, previously unknown phenomena and matter properties unknown before, the discovery of patterns of social development, etc., that which are not oriented toward direct practical use in the field of economics.

Applied R&D are the theoretical and experimental R&D targeted to obtaining and using new knowledge for practical purposes. The result of applied R&D is new knowledge intended for the creation of new or improvement of existing materials products, devices, methods, systems, technologies, specific proposals for the implementation of current scientific, technical, and social tasks.

Experimental developments — scientific and technical activity based on scientific knowledge obtained as a result of scientific research or practical experience, and is conducted with the aim of bringing such knowledge to the stage of practical use. The result of scientific and technical (experimental) developments are new or significantly improved materials, products, processes, devices, technologies, systems, objects of

intellectual property rights, new or significantly improved services.

Intramural R&D expenditure — the total amount of expenses for R&D performed by the organization's own forces. The costs include internal current costs (labor costs, material costs, other current costs) and capital costs related to the implementation of the R&D.

R&D personnel includes researchers, technicians, and support staff of independent research, design, project-design organizations, as well as employees of laboratories or separate departments graduates in higher educational institutions or enterprises, whose main activity is R&D performance.

Researchers are the scientific and engineering and technical workers who are professionally engaged into the scientific research and developments and are directly involved into the creation of the new knowledge, products, processes, methods and systems as well as administrative and managerial staff who directly manage the research process (including the chiefs of scientific organisations and units that perform R&D). Researchers, as a rule, have a higher education of the second, third or scientific level (in accordance with the Law of Ukraine "On Higher Education"). Researchers can also include the post-graduate students and doctoral students.

Technicians are the workers whose main functions require the possession of technical knowledge and experience in one or some spheres of the natural sciences, engineering and technology social sciences or humanitarian and the arts who participate in the R&D performance by performing technical

SCIENCE

functions under the guidance of researchers (software development; bibliographical retrieval and selection of the relevant materials from archives and libraries; performing of experiments, tests and analysis; measurement registration, calculations, preparation of drawings and schemes; conducting statistical surveys, etc).

Technicians can have tertiary education starting from the beginner level and up to the third level (in line with Ukraine's law *On tertiary education*).

Support staff are employees who perform the auxiliary functions connected with R&D performance: employees of planning and economic, financial units, patent services, units of scientific and technical information, scientific and technical libraries; workers dealing with assembly, checkout, servicing and repair of the scientific equipment and devices; workers of research (experimental) productions; laboratory assistants who do not have higher education.

SCIENCE

23.1. R&D personnel by occupation

(persons)

	Total			Of which women		
	2021	2022	2023	2021	2022	2023
Number of employees engaged in R&D performance	68808	53221	58567	32991	26123	27674
researchers	44615	36084	38845	20451	16757	17369
technicians	5889	5020	4542	3543	2961	2747
support staff	18304	12117	15180	8997	6405	7558

23.2. R&D personnel by education level

(persons)

	Total			Of which women		
	2021	2022	2023	2021	2022	2023
R&D personnel	68808	53221	58567	32991	26123	27674
have higher education						
doctors of science	6614	5531	5822	2059	1748	1859
PhD-(candidates of sciences)	15866	13398	14187	7669	6506	6857
masters (specialists)	31577	23721	26245	15906	12281	12879
bachelors (junior bachelors, junior specialist)	5642	3698	4966	3015	2114	2621
others levels of education (except higher education)	9109	6873	7347	4342	3474	3458

23.3. R&D personnel by field of science

(persons)

	Total			Of which women		
	2021	2022	2023	2021	2022	2023
R&D personnel	68808	53221	58567	32991	26123	27674
By field of science						
natural sciences	22696	19016	17590	10755	9109	8146
engineering and technology	28320	18494	24887	11038	7177	9410
medical and health sciences	4117	3446	3312	2802	2332	2275
agricultural and veterinary sciences	5613	5155	5120	3191	2948	2959
social sciences	5492	4606	4934	3554	2943	3137
humanitarian and the arts	2570	2504	2724	1651	1614	1747

SCIENCE

23.4. Researchers by age groups

(persons)

	Total			Of which women		
	2021	2022	2023	2021	2022	2023
Researchers	44615	36084	38845	20451	16757	17369
Including by age groups						
upto 25 years	888	680	1091	393	292	369
25—34 years	6713	4926	4993	3175	2160	2062
35—39 years	5243	4396	4643	2722	2247	2159
40—44 years	5467	4551	4885	2679	2305	2411
45—54 years	8046	6944	7605	4138	3624	3758
55—64 years	8468	6641	6972	4131	3462	3593
65 years and older	9790	7946	8656	3213	2667	3017

23.5. Intramural R&D expenditure by types of expenditure

(thsd. UAH)

	2021	2022	2023
Intramural R&D expenditure	20973775,2	17117836,2	21348062,6
current costs	19941055,6	16579325,7	20737169,7
salary expenses	10524618,5	8465556,3	11006124,1
capital expenditures	1032719,6	538510,5	610892,9
including equipment	631319,0	339183,3	472961,8

24. INTERNATIONAL COMPARISONS¹

24.1. Area and population in 2022

Country	Area, thsd.sq.km	Population on average per year, mln.	Population growth rate (decrease) over 2021, percent	Capital
Ukraine	603,5	...	...	Kyiv
Austria	83,9	9,0	1,1	Vienna
Azerbaijan	86,6	...	0,4	Baku
Albania	28,7	...	...	Tirana
Belgium	30,5	11,7	0,8	Brussels
belarus	207,6	...	-0,2	minsk
Bulgaria	111,0	6,6	-6,0	Sofia
Bosnia and Herzegovina	51,2	...	-0,2	Sarajevo
United Kingdom of Great Britain and Northern Ireland	242,9	...	0,8	London
Armenia	29,7	...	0,5	Yerevan
Greece	132,0	10,4	-0,6	Athens
Georgia	69,7	...	0,1	Tbilisi
Denmark	43,1	5,9	0,9	Copenhagen
Estonia	45,2	1,3	0,1	Tallinn
Israel	22,1	...	2,0	Jerusalem
Ireland	70,3	5,2	1,9	Dublin
Iceland	103,0	0,4	2,4	Reykjavik
Spain	506,0	47,8	0,9	Madrid
Italy	301,3	59,0	-0,2	Rome
Kazakhstan	2724,9	...	1,0	Astana
Canada	9970,6	...	1,7	Ottawa
Kyrgyzstan	199,9	...	1,5	Bishkek
Cyprus	9,3	0,9	1,4	Nicosia
Latvia	64,6	1,9	0,2	Riga
Lithuania	65,3	2,8	0,8	Vilnius
Liechtenstein	0,2	0,04	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 2021, percent	Capital
Luxembourg	2,6	0,7	2,2	Luxembourg
Malta	0,3	0,5	2,7	Valletta
Netherlands	41,5	17,7	1,0	Amsterdam
Germany	357,0	83,8	0,7	Berlin
Norway	323,8	5,5	0,9	Oslo
North Macedonia	25,7	...	...	Skopje
Poland	312,7	37,2	-0,9	Warsaw
Portugal	92,0	10,4	0,0	Lisbon
Moldova, Republic of	33,8	...	-0,3	Chisinau
russian federation	...	...	...	moscow
Romania	238,4	19,0	-0,4	Bucharest
Serbia	88,4	...	-2,5	Belgrade
Slovakia	49,0	5,4	0,9	Bratislava
Slovenia	20,3	2,1	0,0	Ljubljana
USA	9629,1	...	0,6	Washington
Tajikistan	143,1	...	2,1	Dushanbe
Turkey	774,8	85,0	1,0	Ankara
Turkmenistan	488,1	...	1,4	Ashgabat
Hungary	93,0	9,6	-0,3	Budapest
Uzbekistan	447,4	...	1,3	Tashkent
Finland	338,2	5,6	0,3	Helsinki
France	551,5	68,0	0,3	Paris
Croatia	56,5	3,9	-1,3	Zagreb
Czechia	78,9	10,7	-0,1	Prague
Montenegro	13,8	...	0,0	Podgorica
Switzerland	41,3	8,8	0,8	Bern
Sweden	450,0	10,5	0,7	Stockholm

INTERNATIONAL COMPARISONS

24.2. Total fertility rate*(average number of births that born a woman)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	1,1	1,2	1,4	1,5¹	1,2¹	1,2¹	1,2¹	...
Austria	1,4	1,4	1,4	1,5	1,5	1,4	1,5	1,4
Azerbaijan	2,0	2,3	2,3	2,1	1,8	1,7	1,5	...
Albania	2,4	1,8	...	1,7	...	1,3	1,3	...
Belgium	1,7	1,8	1,9	1,7	1,6	1,6	1,6	1,5
belarus	1,3	1,2	1,5	1,7	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	1,2	1,2	1,2	...
United Kingdom of Great Britain and Northern Ireland	1,6	1,8	1,9	1,8	1,7	1,6	...	...
Armenia	1,3	1,3	1,5	1,6	1,6	...	...	...
Greece	1,2	1,3	1,5	1,3	1,3	1,4	1,4	1,3
Georgia	1,5	1,4	2,0	2,3	2,0	2,0	2,0	...
Denmark	1,8	1,8	1,9	1,7	1,7	1,7	1,7	1,6
Estonia	1,4	1,5	1,7	1,6	1,7	1,6	1,6	1,4
Israel	3,0	2,8	3,0	3,1	3,0	2,9	...	...
Ireland	1,9	1,9	2,0	1,8	1,7	1,6	1,8	1,5
Iceland	2,1	2,0	2,2	1,8	1,7	1,7	1,8	1,6
Spain	1,2	1,3	1,4	1,3	1,2	1,2	1,2	1,2
Italy	1,3	1,3	1,5	1,4	1,3	1,2	1,2	1,2
Kazakhstan	1,8	2,2	2,6	2,7	2,9	...	...	...
Canada	1,5	1,5	1,6	1,6	1,5	1,4	1,4	...
Kyrgyzstan	2,4	2,5	3,0	3,2	3,3	...	...	...
Cyprus	1,6	1,5	1,4	1,3	1,3	1,4	1,4	1,4
Latvia	1,2	1,4	1,4	1,7	1,6	1,6	1,6	1,5
Lithuania	1,4	1,3	1,5	1,7	1,6	1,5	1,4	1,3
Luxembourg	1,8	1,6	1,6	1,5	1,3	1,4	1,4	1,3

INTERNATIONAL COMPARISONS

Table 24.2 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	1,7	1,4	1,4	1,4	1,1	1,1	1,1	1,1
Netherlands	1,7	1,7	1,8	1,7	1,6	1,5	1,6	1,5
Germany	1,4	1,3	1,4	1,5	1,5	1,5	1,6	1,5
Norway	1,8	1,8	2,0	1,7	1,5	1,5	1,6	1,4
North Macedonia	1,9	1,5	1,6	1,5	1,3	1,3	1,4	...
Poland	1,4	1,2	1,4	1,3	1,4	1,4	1,3	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	1,7	...
russian federation	1,2	1,3	1,6	...	...	...	...	...
Romania	1,3	1,4	1,6	1,6	1,8	1,8	1,8	1,7
Serbia	1,5	1,4	1,4	1,5	1,5	1,5	1,5	...
Slovakia	1,3	1,3	1,4	1,4	1,6	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	...	...	...	...
Tajikistan	3,5	3,3	3,6	3,8	...	...	...	...
Turkey	2,3	2,2	2,0	2,1	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	...	...	...
Finland	1,7	1,8	1,9	1,6	1,4	1,4	1,5	1,3
France	1,9	1,9	2,0	2,0	1,9	1,8	1,8	1,8
Croatia	...	1,5	1,6	1,4	1,5	1,5	1,6	1,5
Czechia	1,2	1,3	1,5	1,6	1,7	1,7	1,8	1,6
Montenegro	...	1,7	1,7	1,7	1,8	1,8	1,8	...
Switzerland	1,5	1,4	1,5	1,5	1,5	1,5	1,5	1,4
Sweden	1,5	1,8	2,0	1,8	1,7	1,7	1,7	1,5

¹The calculation excludes data on the Donetsk and Luhansk regions

INTERNATIONAL COMPARISONS

24.3. Females life expectancy at birth*(years)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	73,5	74,0¹	75,5²	76,3³	77,0³	76,2³	74,4³	...
Austria	81,2	82,2	83,5	83,7	84,2	83,6	83,7	83,6
Azerbaijan	75,1	75,1	76,2	77,6	78,7	76,5	75,9	...
Albania	...	...	...	79,7	80,7	79,6	77,7	80,9
Belgium	81,0	81,9	83,0	83,4	84,3	83,0	84,3	83,9
belarus	74,7	75,1	76,5	78,8	79,3	...	...	...
Bulgaria	75,0	76,2	77,4	78,2	78,8	77,5	75,1	77,9
Bosnia and Herzegovina	76,7	77,5	78,1	78,8	79,6	78,4	77,5	...
United Kingdom of Great Britain and Northern Ireland	80,3	81,3	82,6	82,8	...	...	...	...
Armenia	75,8	76,2	76,4	78,2	79,5	78,6	77,4	...
Greece	81,3	82,5	83,3	83,7	84,2	83,9	82,9	83,4
Georgia	73,8	73,7	75,8	77,3	78,4	77,7	75,4	...
Denmark	79,2	80,5	81,4	82,7	83,5	83,6	83,3	83,2
Estonia	76,4	78,2	80,8	82,2	83,0	83,0	81,4	82,3
Israel	80,9	82,2	83,6	84,1	84,7	84,8	84,6	...
Ireland	79,2	81,3	83,1	83,4	84,7	84,4	84,3	84,2
Iceland	81,6	83,5	84,1	83,8	84,7	84,6	84,6	83,4
Spain	82,8	83,6	85,5	85,7	86,7	85,2	86,2	85,9
Italy	82,8	83,6	84,7	84,9	85,7	84,5	84,9	84,8
Kazakhstan	71,1	72,2	73,4	76,3	77,3	...	...	...
Canada	81,8	82,5	83,5	83,9	84,4	84,0	...	...
Kyrgyzstan	72,4	71,9	73,5	74,8	75,8	76,0	76,1	...
Cyprus	80,1	80,8	83,9	83,7	84,4	84,4	83,4	83,4
Latvia	...	76,3	78,0	79,5	80,1	80,0	78,0	79,4
Lithuania	77,4	77,4	78,9	79,7	81,2	80,1	78,8	80,1
Luxembourg	81,3	82,3	83,5	84,7	85,2	84,5	84,8	85,2

INTERNATIONAL COMPARISONS

Table 24.3 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	80,5	81,4	83,6	84,1	84,6	84,5	84,3	84,6
Netherlands	80,7	81,7	83,0	83,2	83,7	83,1	83,0	83,1
Germany	81,2	82,0	83,0	83,1	83,7	83,5	83,3	83,0
Norway	81,5	82,7	83,3	84,2	84,7	84,9	84,7	84,2
North Macedonia	75,2	75,9	77,2	77,4	78,6	76,7	75,5	...
Poland	78,0	79,3	80,7	81,6	81,9	80,7	79,6	81,1
Portugal	80,4	81,5	83,2	84,3	84,8	84,1	84,4	84,5
Moldova, Republic of	71,2	71,7	73,4	73,7	75,2	73,9	73,0	...
russian federation	72,4	72,4	74,9	...	...	...	...	...
Romania	74,8	75,4	77,7	78,6	79,5	78,3	76,6	79,2
Serbia	75,1	75,4	76,6	77,9	78,6	77,5	75,7	77,9
Slovakia	77,5	78,1	79,3	80,2	81,2	80,4	78,2	80,5
Slovenia	79,9	80,9	83,1	83,9	84,5	83,4	83,8	84,1
USA	79,3	79,9	81,1	...	...	...	...	...
Tajikistan	70,3	73,2	74,4	75,6	76,8	...	...	...
Turkey	73,1	76,6	79,4	81,0	81,8	...	...	...
Hungary	76,2	77,2	78,6	79,0	79,7	79,0	77,8	79,3
Finland	81,2	82,5	83,5	84,4	84,8	84,8	84,6	83,8
France	83,0	83,8	85,3	85,6	85,9	85,3	85,5	85,1
Croatia	...	78,8	79,9	80,5	81,6	80,9	79,8	80,8
Czechia	78,5	79,2	80,9	81,6	82,2	81,3	80,5	81,9
Montenegro	76,7	76,8	78,5	78,6	79,5	78,8	77,0	...
Switzerland	82,8	84,0	84,9	85,1	85,8	85,1	85,8	85,5
Sweden	82,0	82,9	83,6	84,1	84,8	84,2	84,9	84,8

¹ SSSU data to 2004, 2005² SSSU data to 2009, 2010³ See the footnote to Table 24.2

INTERNATIONAL COMPARISONS

24.4. Males life expectancy at birth*(years)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	62,1	62,2¹	65,3²	66,4³	66,9³	66,4³	65,2³	...
Austria	75,2	76,6	77,8	78,8	79,7	78,9	78,8	79,1
Azerbaijan	68,6	69,6	70,9	72,7	74,0	70,1	71,3	...
Albania	...	...	...	76,3	77,6	75,2	73,6	77,4
Belgium	74,6	76,2	77,5	78,7	79,8	78,5	79,4	79,7
belarus	63,4	62,9	64,6	68,5	69,2	...	...	...
Bulgaria	68,4	69,0	70,3	71,2	71,6	70,0	68,0	70,6
Bosnia and Herzegovina	71,3	72,1	72,9	73,7	74,6	74,0	73,1	...
United Kingdom of Great Britain and Northern Ireland	75,5	77,0	78,6	79,2	...	...	...	...
Armenia	70,1	70,1	70,1	71,7	73,1	68,4	67,4	...
Greece	75,9	76,8	78,0	78,5	79,2	78,8	77,4	78,3
Georgia	66,2	66,0	66,7	68,7	69,8	69,1	67,5	...
Denmark	74,5	76,0	77,2	78,8	79,5	79,7	79,6	79,5
Estonia	65,6	67,6	70,9	73,2	74,5	74,4	72,7	73,6
Israel	76,7	78,2	79,7	80,1	81,0	80,6	80,5	...
Ireland	74,0	76,7	78,5	79,6	80,8	80,8	80,5	80,9
Iceland	77,8	79,6	79,8	81,2	81,7	81,6	81,8	80,9
Spain	75,8	77,0	79,2	80,1	81,1	79,6	80,4	80,5
Italy	76,9	78,1	79,5	80,3	81,4	80,0	80,5	80,7
Kazakhstan	60,1	60,4	63,6	67,5	68,8	...	...	...
Canada	76,6	77,8	79,2	79,8	80,2	79,5	...	...
Kyrgyzstan	64,9	64,2	65,3	66,7	67,6	67,8	67,9	...
Cyprus	75,4	76,5	79,2	79,9	80,3	80,4	79,2	79,7
Latvia	...	64,9	67,9	69,7	70,9	70,6	68,2	69,4
Lithuania	66,7	65,2	67,6	69,2	71,6	70,1	69,5	71,4
Luxembourg	74,6	76,7	77,9	80,0	80,2	79,9	80,5	80,8

INTERNATIONAL COMPARISONS

Table 24.4 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	76,3	77,3	79,3	79,8	81,2	80,3	80,8	80,4
Netherlands	75,6	77,2	78,9	79,9	80,6	79,7	79,7	80,2
Germany	75,1	76,7	78,0	78,3	79,0	78,7	78,4	78,3
Norway	76,0	77,8	79,0	80,5	81,3	81,6	81,7	80,9
North Macedonia	70,8	71,6	72,9	73,5	74,7	72,2	71,1	...
Poland	69,6	70,8	72,2	73,5	74,1	72,5	71,6	73,4
Portugal	73,3	74,9	76,8	78,1	78,7	78,0	78,5	78,9
Moldova, Republic of	63,9	63,8	65,0	65,3	66,8	66,0	65,2	...
russian federation	59,2	59,0	63,1	...	...	...	...	...
Romania	67,7	68,4	70,0	71,4	71,9	70,4	69,2	71,3
Serbia	69,5	70,0	71,4	72,8	73,4	71,6	70,0	72,7
Slovakia	69,2	70,2	71,8	73,1	74,3	73,5	71,2	73,6
Slovenia	72,2	73,9	76,4	77,8	78,7	77,8	77,7	78,6
USA	74,1	74,9	76,2	...	...	...	...	...
Tajikistan	66,1	68,1	70,8	71,8	73,5	...	...	...
Turkey	69,0	72,2	74,2	75,4	76,4	...	...	...
Hungary	67,5	68,7	70,7	72,3	73,1	72,3	70,7	72,6
Finland	74,2	75,6	76,9	78,7	79,3	79,2	79,3	78,7
France	75,3	76,7	78,2	79,2	79,9	79,2	79,3	79,3
Croatia	...	71,7	73,4	74,4	75,5	74,7	73,6	74,6
Czechia	71,6	72,9	74,5	75,7	76,4	75,2	74,1	76,1
Montenegro	71,5	71,3	73,6	74,4	74,0	73,2	70,8	...
Switzerland	77,0	78,7	80,3	80,8	82,1	81,0	81,8	81,8
Sweden	77,4	78,5	79,6	80,4	81,5	80,6	81,3	81,4

¹ See the first footnote to Table 24.3² See the second footnote to Table 24.3³ See the footnote to Table 24.2

INTERNATIONAL COMPARISONS

24.5. Labour force of women aged 15–64 year old*(percent)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	62,6	61,7	62,1	60,4	63,2	62,2	61,9	...
Austria	62,4	64,5	68,4	70,3	71,7	71,5	72,0	72,8
Azerbaijan	79,7	71,3	67,9	68,3	70,8	71,4	71,7	...
Albania	...	...	59,8	56,6	62,4	62,2	62,3	...
Belgium	56,6	59,4	61,7	62,8	64,6	64,2	65,3	66,5
belarus	65,6	...	...	74,9	74,8	...	...	...
Bulgaria	56,3	57,9	62,6	65,5	68,9	67,5	67,7	67,4
United Kingdom of Great Britain and Northern Ireland	67,0	67,9	68,5	70,8	72,7	...	...	...
Armenia	...	...	57,4	54,7	52,6	...	...	...
Greece	49,1	55,1	57,4	59,8	59,9	58,8	59,5	61,7
Georgia	54,1	58,3	62,8	64,6	61,7	61,6	...	...
Denmark	75,3	75,6	74,4	73,3	75,9	75,7	76,1	77,7
Estonia	66,0	67,9	71,3	72,7	75,5	75,9	76,7	78,0
Israel	56,3	58,4	60,9	68,3	69,1	68,0	...	...
Ireland	55,3	60,6	64,6	65,2	67,3	66,2	69,7	71,1
Iceland	80,7	77,4	78,6	81,0	79,9	77,7	77,3	79,2
Spain	51,0	58,7	66,1	68,9	68,8	67,5	69,4	69,3
Italy	46,5	50,5	51,4	54,1	56,5	54,8	55,6	56,4
Kazakhstan	...	72,2	72,3	71,7	73,5	...	...	...
Canada	69,2	71,7	72,9	73,2	74,1	72,5	74,3	...
Kyrgyzstan	62,1	58,0	56,3	53,3	48,4	...	...	...
Cyprus	55,7	61,9	65,4	67,5	68,7	67,5	69,5	71,6
Latvia	61,9	64,6	71,2	72,1	74,4	75,3	72,5	74,6
Lithuania	67,6	...	...	72,6	77,0	77,2	75,9	78,2
Luxembourg	50,8	55,5	58,6	64,5	66,4	68,1	69,0	68,6

INTERNATIONAL COMPARISONS

Table 24.5 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	...	...	42,3	55,5	64,3	66,4	68,2	72,1
Netherlands	65,2	67,4	71,8	74,0	75,9	76,2	79,5	80,5
Germany	62,6	67,0	70,1	72,4	74,9	74,2	74,1	75,3
Norway	75,8	74,1	75,4	76,0	75,5	75,7	77,2	77,3
North Macedonia	...	...	50,2	51,9	54,8	54,0	...	...
Poland	59,7	56,9	55,9	58,6	59,2	59,4	61,7	63,8
Portugal	63,7	67,8	69,7	70,2	72,7	71,7	72,5	74,4
Moldova, Republic of	...	52,9	44,5	48,3	46,9	44,4	...	...
russian federation	65,6	67,4	67,9	...	...	...	...	...
Romania	61,8	56,9	56,2	56,9	59,4	59,7	55,3	57,1
Serbia	...	...	49,3	55,7	61,2	60,7	62,8	...
Slovakia	62,7	61,5	62,1	64,5	66,7	66,7	...	...
Slovenia	63,3	66,0	67,6	67,9	72,1	72,3	71,6	71,9
USA	68,8	67,3	66,0	65,4	67,4	65,9	66,2	...
Turkey	28,5	24,9	29,2	34,3	37,7	34,2	...	...
Hungary	50,9	54,4	55,6	61,5	64,5	64,7	70,4	71,9
Finland	74,2	72,7	72,6	74,4	76,6	76,5	77,0	78,7
France	59,4	61,7	63,0	66,3	67,3	66,6	68,5	69,4
Croatia	...	54,6	59,6	62,1	62,4	62,6	66,1	69,2
Czechia	63,6	62,6	61,9	66,4	69,7	70,0	71,2	69,0
Montenegro	...	54,5	53,9	57,1	60,6	56,5	...	...
Switzerland	71,3	74,0	74,8	77,9	79,4	79,2	78,9	78,4
Sweden	73,2	75,9	76,2	79,9	81,2	80,3	80,4	80,8

INTERNATIONAL COMPARISONS

24.6. Labour force of men aged 15–64 year old*(percent)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	71,8	71,6	72,4	72,6	74,5	73,3	72,7	...
Austria	79,1	76,6	78,5	78,3	79,8	79,1	80,0	80,3
Azerbaijan	88,0	78,7	72,5	73,3	77,0	77,2	77,6	...
Albania	...	...	77,8	72,6	77,4	76,5	77,4	...
Belgium	73,7	73,9	73,2	71,7	72,3	71,8	72,8	73,3
belarus	73,5	...	...	82,7	83,3	...	...	...
Bulgaria	65,7	66,3	71,1	73,0	77,5	76,4	75,9	74,0
United Kingdom of Great Britain and Northern Ireland	81,1	80,5	79,8	80,5	81,0	...	...	...
Armenia	...	...	71,7	64,8	74,2	...	...	...
Greece	74,3	77,3	76,8	76,4	76,3	74,8	74,4	77,0
Georgia	70,5	74,7	80,1	83,5	76,8	76,3	...	...
Denmark	83,1	83,1	81,0	79,8	81,8	81,5	82,0	82,2
Estonia	74,6	72,5	76,4	78,7	79,9	80,5	79,8	80,4
Israel	67,2	66,9	68,1	75,9	74,0	71,6	...	...
Ireland	78,8	80,1	78,7	78,9	79,1	77,7	79,3	80,8
Iceland	86,6	83,4	83,0	84,8	84,1	82,3	82,2	83,3
Spain	76,8	80,6	80,1	79,1	78,1	76,4	77,1	76,9
Italy	74,2	74,3	73,5	73,9	74,5	73,2	73,2	73,9
Kazakhstan	...	80,1	79,9	80,8	82,1	...	...	...
Canada	79,9	80,3	79,2	80,0	79,9	79,0	80,4	...
Kyrgyzstan	72,5	78,6	80,4	78,7	77,8	...	...	...
Cyprus	75,8	80,3	74,9	74,4	77,2	78,3	79,4	80,6
Latvia	73,2	72,6	74,8	77,4	78,5	79,4	77,5	78,0
Lithuania	75,0	73,0	73,2	75,9	78,9	79,6	79,4	78,5
Luxembourg	75,0	73,3	73,0	74,0	74,8	74,0	74,7	74,1

INTERNATIONAL COMPARISONS

Table 24.6 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	80,2	77,6	76,8	80,9	85,2	84,8	85,5	85,8
Netherlands	83,2	81,6	82,2	83,3	83,8	83,6	85,9	87,1
Germany	77,1	79,6	80,5	80,6	82,8	81,8	81,9	83,0
Norway	83,3	80,4	80,3	80,0	80,4	80,2	81,3	82,1
North Macedonia	...	...	77,4	77,4	77,2	76,7	...	...
Poland	70,2	68,9	68,9	71,4	72,4	73,0	74,0	75,0
Portugal	78,5	78,8	77,8	76,4	78,1	76,5	77,3	77,2
Moldova, Republic of	...	53,1	48,4	52,5	52,6	51,2	...	...
russian federation	75,2	75,0	77,7	...	...	...	...	...
Romania	75,3	71,6	73,8	75,8	78,2	79,0	76,0	76,6
Serbia	...	...	65,4	71,7	74,7	74,4	77,2	...
Slovakia	75,4	76,1	76,7	77,7	79,1	78,6	...	79,2
Slovenia	71,4	74,8	75,3	75,3	77,6	77,4	76,7	77,6
USA	79,2	78,0	75,8	74,5	75,8	73,2	73,6	...
Turkey	76,6	71,5	71,0	74,3	74,9	71,8	...	...
Hungary	65,6	66,3	66,0	73,7	78,3	78,8	79,4	80,1
Finland	78,6	75,7	75,8	76,3	79,2	79,1	79,7	79,8
France	70,5	71,1	70,9	73,3	73,3	72,4	73,5	74,2
Croatia	...	66,2	70,6	71,4	71,7	72,4	75,7	78,5
Czechia	77,9	78,5	79,2	81,4	83,3	84,3	85,2	82,8
Montenegro	...	69,8	69,6	68,2	74,7	70,2	...	...
Switzerland	89,2	87,1	86,7	87,0	87,1	87,0	86,5	86,0
Sweden	77,0	80,5	81,8	83,5	84,7	84,7	84,3	84,9

INTERNATIONAL COMPARISONS

24.7. Unemployment rate*(percentage of labor force)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine¹	11,6	7,2	8,1	9,1	8,2	9,5	9,9	...
Austria	3,5	5,6	5,2	6,1	4,8	6,0	6,2	4,8
Azerbaijan	...	...	...	...	...	...	...	...
Albania	...	...	...	...	...	...	...	...
Belgium	7,0	8,5	8,4	8,7	5,5	5,8	6,3	5,6
belarus	...	...	...	5,2	4,2	4,0	3,9	...
Bulgaria	16,9	10,1	11,3	10,1	5,2	6,1	5,3	4,2
Bosnia and Herzegovina	...	...	...	...	...	...	...	...
United Kingdom of Great Britain and Northern Ireland	...	...	...	...	...	...	...	...
Armenia	...	...	...	...	...	...	...	...
Greece	11,4	10,0	12,9	25,0	17,9	17,6	14,7	12,5
Georgia	10,3	15,1	27,2	21,9	17,6	18,5	20,6	...
Denmark	4,6	4,8	7,7	6,3	5,0	5,6	5,1	4,5
Estonia	14,6	8,0	16,6	6,4	4,5	6,9	6,2	5,6
Israel	8,8	9,0	6,6	5,2	3,8	4,3	5,0	3,8
Ireland	4,5	4,6	14,6	9,9	5,0	5,9	6,2	4,5
Iceland	...	2,5	7,6	4,0	3,5	5,5	6,1	3,8
Spain	13,9	9,2	19,9	22,1	14,1	15,5	14,9	13,0
Italy	10,6	7,7	8,5	12,0	9,9	9,3	9,5	8,1
Kazakhstan	...	...	...	...	...	...	...	...
Canada	6,8	6,8	8,1	6,9	5,7	9,5	7,5	5,3
Kyrgyzstan	7,5	8,1	8,6	7,6	5,3	5,8	...	...
Cyprus	4,9	5,3	6,3	15,0	7,1	7,6	7,5	6,8
Latvia	14,3	10,0	19,7	9,9	6,3	8,1	7,6	6,9
Lithuania	16,4	8,3	17,8	9,1	6,3	8,5	7,1	6,0
Luxembourg	2,4	4,5	4,4	6,7	5,6	6,8	5,3	4,6

INTERNATIONAL COMPARISONS

Table 24.7 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	6,6	6,9	6,9	5,4	4,1	4,9	3,8	3,5
Netherlands	2,9	5,9	6,1	7,9	4,4	4,9	4,2	3,5
Germany	...	...	...	...	...	...	...	...
Norway	3,3	4,4	4,0	4,7	3,9	4,7	4,4	3,2
North Macedonia	...	...	...	...	...	...	...	...
Poland	16,2	17,8	10,0	7,7	3,3	3,2	3,4	2,9
Portugal	4,1	7,7	12,6	13,0	6,7	7,0	6,7	6,2
Moldova, Republic of	8,5	7,3	7,5	4,8	5,1	3,8	3,2	3,1
russian federation	10,6	7,1	7,3	...	...	...	...	...
Romania	7,3	7,2	9,0	8,4	4,9	6,1	5,6	5,6
Serbia	12,1	20,8	19,2	17,7	10,4	9,7	11,0	...
Slovakia	18,8	16,3	14,3	11,5	5,7	6,7	6,8	6,1
Slovenia	6,8	6,5	7,3	9,0	4,4	5,0	4,8	4,0
USA	...	...	...	...	...	...	...	...
Tajikistan	2,7	1,9	2,1	2,3	2,1	...	...	...
Turkey	5,2	9,5	10,7	10,3	13,7	13,2	12,0	10,5
Hungary	6,4	7,2	10,8	6,6	3,3	4,1	4,1	3,6
Uzbekistan	...	...	5,4	5,2	9,0	10,5	9,6	...
Finland	9,8	8,4	8,6	9,4	6,8	7,7	7,7	6,8
France	...	...	...	...	...	...	...	...
Croatia	16,1	12,8	11,7	16,2	6,6	7,5	7,6	7,0
Czechia	8,8	7,9	7,3	5,1	2,0	2,6	2,8	2,2
Montenegro	...	...	...	...	...	...	...	...
Switzerland	2,7	4,5	4,8	4,8	4,4	4,8	3,0	...
Sweden	5,5	7,5	8,8	7,6	7,0	8,5	8,9	7,5

¹ For population aged 15–70

INTERNATIONAL COMPARISONS

24.8. GDP¹*(USD bln. at purchasing power parities of 2010)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	...	359,7	378,2	337,0	377,4	363,3	375,8	267,7
Austria	301,7	329,3	351,3	370,3	401,3	374,7	390,5	409,3
Azerbaijan	...	62,2	132,9	149,4	150,7	144,3	152,4	159,6
Albania	16,3	21,7	28,0	30,7	34,9	33,7	36,8	38,5
Belgium	366,3	403,3	434,1	463,0	495,9	469,6	502,1	517,3
belarus	71,6	102,5	145,7	154,5	161,7	160,7	164,6	156,9
Bulgaria	70,7	93,2	110,6	118,1	133,6	128,3	138,1	143,5
Bosnia and Herzegovina	...	30,1	34,6	37,4	42,6	41,4	44,4	46,3
United Kingdom of Great Britain and Northern Ireland	1976,8	2240,5	2290,5	2525,3	2723,2	2441,1	2652,8	2768,1
Armenia	9,9	17,9	21,6	26,8	32,6	30,3	32,1	36,1
Greece	260,8	315,6	310,4	253,3	264,0	239,4	259,4	273,9
Georgia	...	...	29,1	37,8	46,0	43,1	47,7	52,9
Denmark	220,9	236,1	238,6	254,3	279,5	272,7	291,4	299,3
Estonia	20,6	29,4	28,8	33,9	40,0	39,6	42,5	42,3
Israel	163,7	181,3	223,9	268,5	315,6	311,0	340,0	362,0
Ireland	149,0	193,3	197,0	273,2	347,1	370,0	426,0	466,2
Iceland	9,8	12,0	12,7	14,5	17,1	15,9	16,7	18,2
Spain	1197,0	1406,8	1475,6	1474,4	1631,9	1449,6	1542,5	1631,5
Italy	2020,2	2114,3	2084,0	2014,1	2103,5	1914,8	2073,9	2156,6
Kazakhstan	141,8	232,2	313,8	399,9	470,0	458,2	477,9	493,3
Canada	1142,7	1293,1	1363,6	1515,5	1657,4	1575,7	1661,2	1729,4
Kyrgyzstan	11,2	13,5	16,8	21,3	25,2	23,4	24,7	26,9
Cyprus	20,0	24,3	27,8	25,6	32,1	31,0	34,1	35,8
Latvia	25,7	38,1	37,1	44,0	48,7	47,0	50,2	51,7
Lithuania	40,7	58,7	62,2	75,0	87,2	87,2	92,7	95,0
Luxemburg	34,2	39,9	45,8	50,9	56,4	55,9	59,9	60,8

INTERNATIONAL COMPARISONS

Table 24.8 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	9,4	10,2	11,9	15,5	20,4	18,8	21,1	22,8
Netherlands	653,7	698,8	748,4	776,8	852,6	819,4	870,2	907,9
Germany	2924,8	3003,8	3185,3	3463,4	3710,7	3568,7	3681,6	3748,1
Norway	243,7	271,9	284,7	310,4	328,1	323,9	336,6	346,7
North Macedonia	17,4	19,2	23,3	26,3	29,3	27,9	29,2	29,8
Poland	545,7	634,1	794,7	926,6	1110,0	1087,6	1163,0	1228,5
Portugal	268,0	279,8	288,2	276,3	308,2	282,6	298,8	319,2
Moldova, Republic of	...	...	18,3	21,9	25,7	23,6	26,9	25,6
russian federation	1966,4	2649,1	3152,7	...	...	...	...	...
Romania	232,3	305,6	351,4	403,2	494,1	475,9	503,1	523,7
Serbia	59,0	80,6	93,3	97,5	112,1	111,1	119,7	122,8
Slovakia	83,7	106,9	137,0	154,8	173,3	167,5	175,5	178,8
Slovenia	43,6	52,0	57,0	58,2	68,1	65,2	70,5	72,3
USA	12634,5	14330,3	15049,0	16850,5	18546,7	18136,2	19188,1	19559,5
Tajikistan	8,1	12,8	17,5	23,4	29,9	31,3	34,2	37,0
Turkey	854,9	1085,5	1268,7	1785,4	2059,6	2097,9	2337,9	2467,3
Turkmenistan	22,3	28,6	49,9	63,7	64,4	62,5	65,4	...
Hungary	176,1	218,7	217,4	240,7	283,4	270,7	289,8	303,1
Uzbekistan	70,1	91,1	156,2	221,2	274,5	280,0	300,7	317,8
Finland	175,4	199,5	208,9	209,7	227,8	222,4	228,7	231,8
France	2061,5	2241,1	2334,5	2457,1	2636,0	2437,2	2594,1	2657,7
Croatia	66,8	83,6	86,3	85,9	98,0	89,7	101,4	108,5
Czechia	213,3	258,3	292,0	317,6	364,2	344,2	356,4	364,8
Montenegro	...	...	8,4	9,2	10,9	9,2	10,4	11,1
Switzerland	354,7	379,8	426,0	464,7	500,2	489,5	515,9	529,1
Sweden	318,4	362,5	396,0	440,9	479,9	469,5	498,4	511,7

¹ Here and elsewhere (Tables 24.9, 24.10) estimated data from Statistics Division of United Nations Economic Commission for Europe

INTERNATIONAL COMPARISONS

24.9. GDP annual growth rate (decrease)¹*(percent of the previous year; at the 2010 PPPs)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine²	5,9	3,1	4,1	-9,8	3,2	-3,8	3,4	-28,8
Austria	3,4	2,2	1,8	1,0	1,5	-6,6	4,2	4,8
Azerbaijan	...	...	5,0	1,1	2,5	-4,2	5,6	4,7
Albania	6,9	5,5	3,7	2,2	2,1	-3,5	9,1	4,9
Belgium	3,7	2,3	2,9	2,0	2,2	-5,3	6,9	3,0
belarus	...	9,4	7,8	-3,8	1,4	-0,7	2,4	-4,7
Bulgaria	4,6	7,1	1,6	3,4	4,0	-4,0	7,7	3,9
Bosnia and Herzegovina	...	...	0,9	4,3	2,9	-3,0	7,4	4,2
United Kingdom of Great Britain and Northern Ireland	4,3	2,7	2,2	2,2	1,6	-10,4	8,7	4,3
Armenia	5,9	13,9	2,2	3,2	7,6	-7,2	5,8	12,6
Greece	3,9	0,6	-5,5	-0,2	1,9	-9,3	8,4	5,6
Georgia	...	...	...	3,4	5,4	-6,3	10,6	11,0
Denmark	3,7	2,3	1,9	2,3	1,5	-2,4	6,8	2,7
Estonia	10,1	9,5	2,4	1,9	4,0	-1,0	7,2	-0,5
Israel	8,6	4,2	5,6	2,3	3,8	-1,5	9,3	6,5
Ireland	9,4	5,7	1,7	24,5	5,3	6,6	15,1	9,4
Iceland	5,0	6,1	-2,8	4,4	1,9	-6,9	5,1	8,9
Spain	5,2	3,7	0,2	3,8	2,0	-11,2	6,4	5,8
Italy	3,8	0,8	1,7	0,8	0,5	-9,0	8,3	4,0
Kazakhstan	9,8	9,7	7,3	1,2	4,5	-2,5	4,3	3,2
Canada	5,5	3,2	2,9	0,6	2,0	-4,9	5,4	4,1
Kyrgyzstan	5,4	-0,2	-0,5	3,9	4,6	-7,1	5,5	9,0
Cyprus	6,0	4,9	2,3	3,4	5,5	-3,4	9,9	5,1
Latvia	5,7	10,7	-4,5	3,9	0,6	-3,5	6,7	3,0
Lithuania	3,7	7,7	1,7	2,0	4,7	0,0	6,3	2,4
Luxemburg	6,9	2,5	3,8	2,3	2,9	-0,9	7,2	1,4
Malta	...	3,4	5,5	9,6	7,1	-8,2	12,5	8,1
Netherlands	4,2	2,1	1,3	2,0	2,0	-3,9	6,2	4,3

INTERNATIONAL COMPARISONS

Table 24.9 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Germany	2,9	0,7	4,2	1,5	1,1	-3,8	3,2	1,8
Norway	3,3	2,7	0,8	1,9	1,1	-1,3	3,9	3,0
North Macedonia	...	4,7	3,4	3,9	3,9	-4,7	4,5	2,2
Poland	4,6	3,5	2,9	4,4	4,4	-2,0	6,9	5,6
Portugal	3,8	0,8	1,7	1,8	2,7	-8,3	5,7	6,8
Moldova, Republic of	...	...	...	-0,7	3,6	-8,3	13,9	-4,6
russian federation	10,0	6,4	4,5	...	...	...	...	...
Romania	2,5	4,7	-3,9	3,2	3,9	-3,7	5,7	4,1
Serbia	6,1	5,5	0,7	1,8	4,3	-0,9	7,7	2,6
Slovakia	1,2	6,6	6,7	5,2	2,5	-3,3	4,8	1,9
Slovenia	3,7	3,8	1,3	2,2	3,5	-4,2	8,2	2,5
USA	4,1	3,5	2,7	2,9	2,5	-2,2	5,8	1,9
Tajikistan	8,3	6,7	6,5	6,0	7,4	4,4	9,4	8,0
Turkey	6,9	9,0	8,4	6,1	0,8	1,9	11,4	5,5
Turkmenistan	...	13,0	16,2	3,0	-3,4	-3,0	4,6	...
Hungary	4,5	4,3	1,1	3,7	4,9	-4,5	7,1	4,6
Uzbekistan	3,8	7,0	33,3	7,2	6,0	2,0	7,4	5,7
Finland	5,8	2,8	3,2	0,5	1,2	-2,4	2,8	1,3
France	3,9	1,7	1,9	1,1	1,8	-7,5	6,4	2,5
Croatia	3,0	4,3	-1,2	2,5	3,4	-8,5	13,0	7,0
Czechia	4,0	6,6	2,4	5,4	3,0	-5,5	3,6	2,4
Montenegro	...	...	2,7	3,4	4,1	-15,3	13,0	6,4
Switzerland	4,0	2,8	3,2	1,6	1,1	-2,1	5,4	2,6
Sweden	4,8	2,9	6,0	4,5	2,0	-2,2	6,1	2,7

¹ See the footnote to Table 24.8² The SSSU calculations: for 2000, in line with the SNA—93; since 2005, according to the Methodological provisions of the state statistical observation «Annual national accounts» approved by SSSU order № 214 (with changes) of July 26, 2022

INTERNATIONAL COMPARISONS

24.10. GDP per capita¹*(thsd. USD; at the 2010 PPPs)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	...	7,6	8,2	7,9	9,0	8,7	9,1	...
Austria	37,7	40,0	42,0	42,9	45,2	42,0	43,6	45,2
Azerbaijan	...	7,3	14,6	15,5	15,1	14,4	15,2	15,8
Albania	5,3	7,2	9,6	10,6	12,2	11,9	13,1	...
Belgium	35,7	38,5	39,8	41,1	43,2	40,7	43,3	44,3
belarus	7,2	10,6	15,3	16,3	17,1	17,1	17,5	16,7
Bulgaria	8,7	12,0	14,7	16,5	19,2	18,5	20,1	22,2
Bosnia and Herzegovina	...	7,9	9,0	10,6	12,2	11,8	12,7	13,3
United Kingdom of Great Britain and Northern Ireland	33,6	37,1	36,5	38,8	40,8	36,4	39,6	41,0
Armenia	3,1	5,7	7,1	8,9	11,0	10,2	10,8	12,1
Greece	24,1	28,7	27,9	23,4	24,6	22,4	24,4	25,9
Georgia	...	...	7,7	10,2	12,4	11,6	12,9	14,3
Denmark	41,4	43,6	43,0	44,8	48,0	46,8	49,8	50,7
Estonia	14,7	21,6	21,6	25,8	30,2	29,8	31,9	31,7
Israel	26,0	26,2	29,4	32,0	34,9	33,7	36,3	37,9
Ireland	39,2	46,5	43,2	58,2	70,4	74,3	84,9	91,1
Iceland	34,8	40,3	40,2	44,6	48,6	44,7	46,3	49,2
Spain	29,5	32,2	31,7	31,8	34,6	30,6	32,6	34,1
Italy	35,5	36,3	34,8	33,4	35,2	32,2	35,1	36,5
Kazakhstan	9,5	15,0	19,2	22,5	24,5	23,6	24,4	24,9
Canada	37,3	40,2	40,2	42,5	44,2	41,5	43,5	44,5
Kyrgyzstan	2,3	2,6	3,1	3,6	4,1	3,6	3,7	4,0
Cyprus	28,8	32,9	33,5	30,2	36,4	34,8	37,9	39,2
Latvia	10,9	17,0	17,7	22,3	25,5	24,7	26,6	27,4
Lithuania	11,6	17,7	20,1	25,8	31,2	31,2	33,0	33,5
Luxemburg	78,3	85,7	90,3	89,5	90,8	88,6	93,5	92,7

INTERNATIONAL COMPARISONS

Table 24.10 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	24,0	25,3	28,7	34,9	40,5	36,4	40,8	42,9
Netherlands	41,0	42,8	45,0	45,9	49,2	47,0	49,6	51,3
Germany	35,9	36,9	39,7	42,4	44,7	42,9	44,3	44,7
Norway	54,3	58,8	58,2	59,8	61,4	60,2	62,2	63,5
North Macedonia	8,6	9,6	12,0	13,8	15,6	15,0	15,9	...
Poland	14,3	16,6	20,6	24,1	28,9	28,4	30,5	32,5
Portugal	26,0	26,6	27,3	26,7	30,0	27,4	29,0	31,0
Moldova, Republic of	...	...	5,1	6,2	7,3	5,8	6,7	6,4
russian federation	13,4	18,5	22,1	...	...	...	...	...
Romania	10,4	14,3	17,4	20,3	25,5	24,7	26,3	27,5
Serbia	7,9	10,8	12,8	13,7	16,1	16,1	17,5	18,4
Slovakia	15,5	19,8	25,2	28,6	31,8	30,7	32,3	32,6
Slovenia	21,9	26,0	27,8	28,2	32,6	31,0	33,5	34,3
USA	44,7	48,4	48,6	52,7	56,4	54,8	57,6	58,4
Tajikistan	1,3	1,9	2,3	2,7	3,2	3,3	3,5	3,7
Turkey	13,3	15,9	17,3	22,8	24,9	25,2	27,8	29,0
Turkmenistan	5,0	6,0	9,9	11,4	10,8	10,4	10,7	...
Hungary	17,2	21,7	21,7	24,5	29,0	27,8	29,8	31,3
Uzbekistan	2,9	3,5	5,6	7,1	8,4	8,4	8,9	9,2
Finland	33,9	38,0	39,0	38,3	41,3	40,2	41,3	41,7
France	33,8	35,5	35,9	36,9	38,9	35,8	38,0	38,8
Croatia	14,9	19,4	20,1	20,4	24,1	22,2	25,6	27,8
Czechia	20,8	25,2	27,8	30,1	34,1	32,2	33,3	34,1
Montenegro	...	...	13,6	14,7	17,3	14,7	16,6	17,7
Switzerland	48,9	50,7	54,3	56,1	58,3	56,7	59,3	60,3
Sweden	36,2	40,2	42,0	44,6	46,3	45,0	47,4	47,8

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	2019	2020	2021	2022
Ukraine¹	13,2	3,1	12,0	-12,3	-0,5	-4,5	1,9	-36,7
Austria	8,7	3,9	7,0	2,4	0,2	-5,4	11,2	6,6
Azerbaijan	6,9	33,5	2,6	2,4	1,8	-5,0	5,2	-1,1
Albania	12,0	-0,2	37,5	-9,2	5,5	-10,0	22,4	7,3
Belgium	...	3,3	9,4	-0,7	4,9	-3,5	16,8	-1,0
belarus	7,5	10,0	11,7	-6,6	1,0	-0,7	6,5	-5,4
Bulgaria	...	6,9	2,0	2,9	0,6	-5,9	9,8	12,7
Bosnia and Herzegovina	...	...	4,4	3,1	-5,3	-6,4	9,7	0,9
United Kingdom of Great Britain and Northern Ireland	...	...	...	...	...	...	...	...
Armenia	6,4	7,5	9,7	5,2	9,0	-0,9	3,3	7,9
Greece	...	-1,5	-6,1	1,0	-0,8	-2,0	10,4	2,5
Georgia	10,8	30,6	14,6	7,7	4,0	-3,2	22,3	17,9
Denmark	...	2,9	2,1	0,1	2,7	-5,5	8,3	15,1
Estonia	14,6	10,9	23,4	0,3	6,9	-3,0	13,3	-2,0
Israel	10,0	4,9	9,5	2,2	2,9	6,3	5,7	15,1
Ireland	14,6	4,0	8,2	35,9	7,0	14,5	28,4	18,9
Spain	4,0	0,2	0,8	3,3	0,4	-9,4	7,3	2,5
Italy	3,2	-1,8	6,9	1,7	-1,0	-10,9	12,1	-0,4
Kazakhstan	15,5	5,0	10,0	-1,6	4,1	-0,5	3,6	1,1
Canada	...	...	...	...	...	...	...	...
Kyrgyzstan	6,0	-12,1	9,8	-0,2	6,9	-6,6	9,0	11,4
Cyprus	...	0,5	-1,8	5,2	4,0	-7,0	6,5	1,2
Latvia	...	7,2	14,9	3,6	1,0	-1,4	6,7	0,9
Lithuania	-0,2	7,1	6,2	4,4	3,0	-1,2	19,5	9,6
Luxemburg	...	2,2	9,0	1,4	-3,1	-10,3	8,2	-1,7

INTERNATIONAL COMPARISONS

Table 24.11 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	...	-5,6	8,7	-0,4	1,5	-0,7	0,0	2,8
Netherlands	...	0,4	7,7	-3,6	-0,8	-3,5	4,9	2,4
Germany	5,1	3,0	11,2	1,4	-3,4	-8,7	4,7	-0,5
Norway	3,1	0,1	-5,6	1,4	-4,3	7,4	2,1	-0,4
North Macedonia	...	7,0	-4,8	4,9	3,7	-9,5	1,5	-0,3
Poland	...	4,4	11,2	4,8	4,1	-1,2	14,5	10,6
Portugal	...	5,1	1,5	2,4	-2,2	-7,2	3,6	-0,3
Moldova, Republic of	7,7	7,0	9,3	1,1	2,0	-5,5	12,1	-5,1
russian federation	8,8	5,1	7,3	...	...	...	...	...
Romania	...	-3,1	5,5	2,8	-2,3	-9,2	7,0	-1,8
Serbia	...	0,7	1,2	7,3	0,3	0,4	6,4	1,6
Slovakia	...	-0,9	12,5	8,5	0,7	-8,3	10,2	-4,0
Slovenia	6,2	3,4	7,2	5,6	3,2	-5,3	10,3	1,2
USA	...	...	...	...	...	...	...	...
Tajikistan	9,9	9,7	9,2	11,3	13,2	8,8	20,8	15,4
Turkey	6,0	14,0	13,2	6,2	-0,6	2,2	16,5	6,2
Hungary	...	6,8	10,6	7,4	5,6	-6,0	9,6	6,1
Uzbekistan	6,0	7,0	8,5	7,9	5,0	0,9	8,7	5,2
Finland	8,5	-0,9	5,6	-0,9	1,6	-3,0	4,1	3,9
France	4,3	0,1	4,8	1,6	0,4	-10,5	6,1	-0,4
Croatia	1,4	4,5	-1,4	2,7	0,6	-2,7	6,3	1,2
Czechia	...	4,0	8,6	4,3	-0,3	-7,2	7,0	2,5
Montenegro	...	...	...	...	...	...	...	...
Switzerland	8,4	0,2	7,0	-1,4	4,5	-3,3	9,2	5,9
Sweden	...	2,4	9,4	3,3	2,4	-4,4	7,3	2,0

¹ See methodology notes to Chapter 15

INTERNATIONAL COMPARISONS

24.12. Changes in consumer price*(percentage of the previous year)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	28,2	13,5	9,4	48,7	7,9	2,7	9,4	20,2
Austria	2,4	2,3	1,8	0,9	1,5	1,4	2,8	8,6
Azerbaijan	...	9,6	5,7	4,0	2,6	2,8	6,6	13,8
Albania	0,0	2,4	3,6	1,9	1,4	1,6	2,0	6,7
Belgium	2,6	2,8	2,2	0,6	1,4	0,7	2,4	9,6
belarus	...	10,3	7,7	13,5	5,6	5,6	9,5	15,2
Bulgaria	10,3	5,0	2,4	-0,1	3,1	1,7	3,3	15,3
Bosnia and Herzegovina	1,7	3,8	2,0	-0,8	0,8	-0,8	0,7	12,4
United Kingdom of Great Britain and Northern Ireland	1,0	2,1	2,5	0,4	1,7	1,0	3,2	9,0
Armenia	-0,8	0,6	8,2	3,7	1,4	1,2	7,2	8,6
Greece	3,2	3,5	4,7	-1,7	0,2	-1,2	1,2	9,6
Georgia	4,0	8,3	7,1	4,0	4,8	5,2	9,6	11,9
Denmark	2,9	1,8	2,3	0,4	0,8	0,4	1,8	7,7
Estonia	4,0	4,1	3,0	-0,5	2,3	-0,4	4,6	19,4
Israel	1,1	1,3	2,7	-0,6	0,8	-0,6	1,5	4,4
Ireland	5,5	2,4	-0,9	-0,3	0,9	-0,3	2,4	7,8
Iceland	5,1	4,0	5,4	1,6	3,0	2,8	4,4	8,3
Spain	3,4	3,4	1,8	-0,5	0,7	-0,3	3,1	8,4
Italy	2,5	2,0	1,5	0,0	0,6	-0,1	1,9	8,2
Kazakhstan	12,5	7,7	7,4	6,7	5,2	6,8	8,0	15,0
Canada	2,7	2,2	1,8	1,1	2,0	0,7	3,4	6,8
Kyrgyzstan	19,7	4,3	8,0	6,5	1,1	6,3	11,9	13,9
Cyprus	4,3	2,6	2,4	-2,1	0,2	-0,6	2,4	8,4
Latvia	2,6	6,8	-1,1	0,2	2,8	0,2	3,3	17,3
Lithuania	1,0	2,7	1,3	-0,9	2,3	1,2	4,7	19,7
Luxemburg	3,2	2,5	2,3	0,5	1,7	0,8	2,5	6,3

INTERNATIONAL COMPARISONS

Table 24.12 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	2,4	3,0	1,5	1,1	1,6	0,6	1,5	6,2
Netherlands	2,4	1,7	1,3	0,6	2,6	1,3	2,7	10,0
Germany	1,5	1,6	1,1	0,5	1,4	0,1	3,1	6,9
Norway	3,1	1,5	2,4	2,2	2,2	1,3	3,5	5,8
North Macedonia	8,0	0,5	1,5	-0,3	0,8	1,2	3,2	14,2
Poland	10,5	2,2	2,6	-0,9	2,2	3,4	5,0	14,4
Portugal	2,9	2,3	1,4	0,5	0,3	0,0	1,3	7,8
Moldova, Republic of	30,3	12,0	7,5	9,7	4,8	3,8	5,1	28,7
russian federation	20,8	12,7	6,8	...	...	...	...	...
Romania	45,7	9,0	6,1	-0,6	3,8	2,6	5,0	13,8
Serbia	71,1	16,1	6,1	1,4	1,8	1,6	4,1	12,0
Slovakia	12,2	2,7	1,0	-0,3	2,7	1,9	3,2	12,8
Slovenia	9,0	2,4	1,8	-0,5	1,6	0,0	1,9	8,8
USA	3,4	3,4	1,6	0,1	1,8	1,2	4,7	8,0
Tajikistan	32,8	7,2	6,4	5,7	7,8	8,6	9,0	6,7
Turkey	65,5	8,2	8,6	7,7	15,2	12,3	19,6	72,3
Hungary	9,8	3,6	4,8	-0,1	3,3	3,3	5,1	14,6
Finland	3,6	0,6	1,2	-0,2	1,0	0,3	2,2	7,1
France	1,7	1,8	1,5	0,0	1,1	0,5	1,6	5,2
Croatia	4,6	3,3	1,0	-0,5	0,8	0,2	2,6	10,8
Czechia	3,9	1,9	1,5	0,3	2,8	3,2	3,8	15,1
Montenegro	...	2,6	0,7	1,6	0,4	-0,3	2,4	13,0
Switzerland	1,6	1,2	0,7	-1,2	0,4	-0,7	0,6	2,8
Sweden	1,0	0,4	1,2	0,0	1,8	0,5	2,2	8,4

INTERNATIONAL COMPARISONS

24.13. Changes in industrial producer price*(percentage of the previous year)*

	2000	2005	2010	2015	2019	2020	2021	2022
Ukraine	20,8	16,7	20,9	36,0	4,1	-1,6	40,8	...
Austria	...	3,4	4,0	-2,1	0,1	-2,1	9,3	26,5
Azerbaijan	27,5	16,5	26,9	-30,7	3,2	-24,8	69,6	84,3
Belgium	...	5,7	5,4	-4,2	1,3	-3,8	21,1	44,4
belarus	185,6	12,1	13,6	16,9	5,7	5,3	12,0	15,8
Bulgaria	...	7,3	7,2	-1,7	3,8	-0,2	14,9	48,4
Bosnia and Herzegovina	0,9	-0,4	1,0	0,6	0,1	-1,2	5,6	19,8
United Kingdom of Great Britain and Northern Ireland	0,4	7,9	3,0	-3,9	2,6	-0,3	5,0	18,5
Armenia	-0,4	7,6	22,6	-0,8	0,6	3,4	9,9	2,6
Greece	...	5,9	6,1	-5,8	0,7	-4,6	11,9	33,5
Georgia	5,8	7,4	11,3	7,5	7,2	11,8	16,7	11,4
Denmark	...	9,2	6,4	-6,4	-0,5	-4,8	25,2	47,0
Estonia	...	1,6	1,7	-2,8	1,5	-3,5	19,3	38,6
Israel	3,6	6,2	4,0	-5,9	-1,1	-5,0	6,8	13,1
Ireland	...	...	1,5	-4,3	-4,9	-7,5	55,9	36,5
Spain	5,4	4,7	3,7	-2,1	-0,4	-4,3	17,3	35,6
Italy	...	4,0	3,1	-3,4	0,0	-4,4	13,0	42,8
Kazakhstan	38,0	23,7	25,2	-20,5	5,1	-8,0	32,5	26,9
Canada	4,4	1,6	1,5	-0,8	-0,1	-0,4	13,9	12,8
Kyrgyzstan	29,2	3,1	22,8	8,7	4,1	21,4	12,0	4,7
Cyprus	...	4,9	4,0	-5,7	2,9	-3,0	6,0	22,2
Latvia	...	7,1	-0,2	-1,4	3,6	-3,2	12,6	49,4
Lithuania	10,3	6,0	3,9	-9,1	0,7	-6,6	12,8	42,0
Luxemburg	...	3,6	1,5	-0,5	2,4	-0,8	12,5	24,6

INTERNATIONAL COMPARISONS

Table 24.13 continued

	2000	2005	2010	2015	2019	2020	2021	2022
Malta	...	5,0	11,6	-3,2	0,8	1,5	2,0	6,5
Netherlands	...	6,8	4,2	-4,4	1,2	-2,1	14,6	29,6
Germany	2,9	4,4	1,3	-1,7	1,3	-0,8	9,7	30,2
Norway	...	6,1	8,5	-4,6	3,1	-2,1	12,5	25,9
North Macedonia	...	3,2	8,6	-3,9	0,8	0,8	8,4	21,9
Poland	...	1,9	3,7	-2,2	1,6	-0,9	9,8	28,9
Portugal	...	8,7	3,4	-2,9	-0,3	-3,3	8,3	19,7
Moldova, Republic of	33,5	5,9	7,4	6,3	1,8	2,6	8,3	26,5
russian federation	46,5	20,7	12,6	...	...	...	...	...
Romania	...	18,5	4,0	-1,8	5,1	0,2	17,4	55,1
Serbia	...	14,2	12,1	0,4	0,8	-1,7	8,9	17,0
Slovakia	...	3,7	-2,4	-4,2	2,6	0,8	5,5	44,0
Slovenia	...	2,8	2,1	-0,5	1,9	0,7	6,1	22,8
USA	5,8	7,3	4,3	-0,8	1,5	0,6	9,0	6,8
Tajikistan	39,0	10,4	34,6	4,8	2,8	6,0	4,5	1,9
Turkey	...	7,0	6,2	5,3	17,6	12,2	43,9	128,4
Hungary	...	6,0	7,3	-3,1	3,8	0,8	16,9	53,1
Finland	5,1	4,2	7,0	-2,5	0,9	-4,3	12,7	23,7
France	4,4	2,8	2,6	-2,1	0,4	-2,2	9,3	25,5
Croatia	...	2,7	4,3	-3,8	0,8	-2,0	9,6	26,4
Czechia	4,8	3,0	1,2	-3,2	2,6	0,1	7,2	24,3
Montenegro	...	2,0	-0,5	0,8	2,4	0,0	1,3	11,2
Switzerland	...	1,6	0,6	-3,3	0,6	-0,8	1,9	6,8
Sweden	3,6	3,9	3,0	-1,0	2,7	-2,3	11,0	20,3

INDEX

INDEX

A

Abortions 6.15
Adopted orphans 6.24
Afforestation by plant 16.53
Agricultural land 16.8, 16.9
Agricultural output 16.15–16.18
Agricultural production 16.1, 16.2, 16.4–16.7
Agricultural production index 16.1–16.3
Animal products supplied for processing enterprises 16.44
Area 1.1, 24.1
Area of forest ranges dying 16.56
Area for agricultural crops (harvested) 16.10–16.18
Area planted with fruit and berry crops, and grapes 16.14
Art schools 7.3
Atmosphere 1.1, 9.4
Applied R&D 23.1
Average annual yield of milk 16.43
Average monthly pension 4.2
Average monthly nominal and real wages 3.2
Average weight of one livestock animal 16.47

B

Banks 11.5–11.7
Basic indicators for the generation and treatment of wastes 9.5, 9.6
Basic social and economic indicators 1.4, 1.5
Boarding schools 6.23
Budget 11.1–11.3

C

Capital assets 14.1, 14.3
Capital investment 18.1–18.5
Capital investment for environmental protection 9.12
Cash benefits (assistance) 6.22
Centers of social and psychological rehabilitation for children 6.25
Changes in consumer price 24.12
Children registered with units for preventive activity 8.7
Cinemas 7.2
Civil justice 8.8

INDEX

Climate 1.1
Club-houses 7.2
Construction output 17.1–17.3
Consumer price indices 12.1–12.5
Convicted 8.4, 8.5
Court convictions 8.4, 8.5
Criminal offences 8.1–8.3
Cultural institutions 7.1

D

Deposits by households 11.7
Disabilities 6.17–6.21
Distribution of number of persons employed at large, medium, small and microenterprises 22.7
Distribution of active large, medium, small and microenterprises 22.6
Distribution of turnover of large, medium, small and microenterprises 22.9
Distribution of number of employees at large, medium, small and microenterprises 22.8

E

Electronic commerce 21.3, 21.4
Emission of pollutants 9.4
Enrollment in educational institutions 5.6
Enterprise' balance structure 22.10
Expenditure for environment protection 9.12
Exports of goods 20.2
Exports of goods for processing 20.4

F

Females life expectancy at birth 24.3
Financial outcome before taxation 1.4, 1.5, 22.11
Fires 8.10, 8.11
Fishery 16.58, 16.59
Foreign trade in goods 20.1
Forest fires 16.57
Forest and forested area 16.45
Freight shipped 19.1–19.2

G

Gross domestic product 10.1, 24.8–24.10
Growth rate (decrease) of industrial production 24.11

H

Harvested area 16.13
Harvesting of water bio-resources 16.58, 16.59

INDEX

Health care 6.1, 6.2
HIV infections 6.8, 6.9
Hospital beds 6.5

I

Imports of goods for processing 20.4
Imports of goods 20.2
Indicators of business entities 22.1
Indices of basic social and economic indicators 1.5
Indices of construction output 17.1
Indices of consumer prices for the basic groups of goods and services 12.3
Industrial injuries 6.16
Industrial producer price indices 12.1, 12.6, 24.13
Industrial production indices 15.1–15.7
Industrial products sold (goods, services) 15.7
Infections diseases 6.7
Institutions executing sentences 8.6
Institutions of higher education 5.15–5.19
Intramural R&D expenditure 23.5

L

Labour force 3.1, 3.2, 24.5, 24.6
Land area 9.1
Legal persons 13.1–13.3
Libraries 7.1, 7.2
Life expectancy 24.3, 24.4

M

Males life expectancy at birth 24.4
Monetary aggregates 11.4
Morbidity (incidence) 6.7, 6.10–6.14
Museum 7.1

N

National parks 9.2
New capital assets putting into service 14.3
Number of persons employed of business 22.3
Number of employees engaged in R&D performance 23.1
Number of active business entities 22.2
Number recorded criminal offences 8.1
Number of registered legal persons 13.1
Number of researchers, engaged in R&D performance 23.2
Number of livestock animals 16.32–16.34
Number of wage-workers at entities 22.4

INDEX

O

- Official exchange rate 11.6
- Out-patient and polyclinic institutions 6.6
- Output of agricultural crops 16.15–16.25
- Output of animal products 16.35–16.40

P

- Passenger traffic 19.4
- Passenger transportation 19.3
- Paramedical personnel 6.4
- Pensioners 2.4, 2.5
- Physicians 6.3
- Population 2.1, 24.1
- Population, by age 2.3
- Population, by sex 2.3
- Population income and expenditure 4.1
- Pre-school educational institutions 5.1–5.3
- Price indices 12.1–12.9
- Price indices for construction 12.9
- Price indices for products sold by agricultural enterprises 12.1, 12.8
- Prisoners 8.6
- Producer price indices, by selected consumer goods 12.7
- Productivity of livestock animals 16.41
- Professional educational institutions 5.12, 5.14
- Profitability of basic types of agricultural products 16.7
- Profitability of operational activity 22.12
- Publication of books, magazines and newspapers 7.4

R

- Religious organisations 1.2
- Researchers 23.4
- Resident bank loans 11.5
- Rolling stock of electric transport 19.7
- R&D personnel 23.1–23.3

S

- Secondary educational institutions 5.4–5.12
- Sown area for agricultural crops 16.10–16.12
- Sports institutions 7.6
- Sports facilities 7.7
- Sports school for children 7.5
- State notary services 8.9

INDEX

Stationary pollutant emissions 9.4
Structure of agricultural production 16.4–16.7
Structure of production cost of agricultural productions 16.9
Support staff 23.1

T

Technicians 23.1
Theatres 7.1
Total fertility rate 24.2
Training of postgraduate and doctoral students 5.19
Turnover of business entities 22.5

U

Unemployment 24.7
Unified state register of enterprises and organisations of Ukraine (Business register) 13.1–13.3
Use of information and communication technologies at enterprises of Ukraine 21.1, 21.2
Use of fertilisers in enterprises 16.30
Utilization of pesticides 16.31

V

Volume indices for freight shipped 19.1
Volume of the sold products of entities 22.5

W

Wages of employees 24.8
Waste 9.5–9.9
Water (supply, drainage, fresh, recycle) 9.3, 9.10

Y

Yields of agricultural crops 16.26–16.29

INDEX

State Statistics Service of Ukraine

**STATISTICAL YEARBOOK
OF UKRAINE
FOR 2023**

Edited by **Ihor Verner**

Responsible for edition
is Olena Vyshnevska



statistics in smartphone



STATE
STATISTICS
SERVICE OF
UKRAINE