

STATISTICAL YEARBOOK OF UKRAINE

2021

# 2021

STATISTICAL YEARBOOK OF UKRAINE



KYIV - 2022

ББК 65.9(4АнГ)-05я2  
S81

## STATE STATISTICS SERVICE OF UKRAINE

Edited by **Ihor Verner**  
Responsible for edition is Olena Vyshnevskva

The Statistical Yearbook provides data on social and economic situation of Ukraine in 2021 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](mailto:office@ukrstat.gov.ua)
- website: [www.ukrstat.gov.ua](http://www.ukrstat.gov.ua)

ISBN 978-617-7551-34-7

© State Statistics Service of Ukraine, 2022  
© Igor Verner (edited by), 2022

## FOREWORD

*Statistical Yearbook of Ukraine for 2021* contains a wide range of statistical indicators on the country's social and economic situation in 2021 as compared to 2000, 2005, 2010, 2015–2020.

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

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. At the same time, the comparability of relative indicators is ensured. Information for 2021 which is prepared according to data from central executive bodies has been compiled on the basis of available administrative data.

Data are given by enterprises, institutions and organizations that submitted their reporting to the state statistics bodies. Information by Selected general economic and sector indicators for 2021 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](http://www.ukrstat.gov.ua)) has more information about the country's social and economic situation.

## ABBREVIATIONS USED IN THE YEARBOOK

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

## CONVENTIONAL SYMBOLS USED IN THE YEARBOOK

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

## CONTENTS

<b>FOREWORD</b> .....	3
<b>ABBREVIATIONS USED IN THE YEARBOOK</b> .....	3
<b>CONVENTIONAL SYMBOLS USED IN THE YEARBOOK</b> .....	3
<b>1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS</b> .....	21
1.1. Geographical and political characteristics .....	21
1.2. Religious organisations .....	22
1.3. Administrative and territorial units, by region .....	23
1.4. Basic social and economic indicators .....	24
1.5. Indices of basic social and economic indicators .....	26
<b>2. POPULATION AND MIGRATION</b> .....	27
2.1. Population .....	29
2.2. Present population in 1939–2021 .....	29
2.3. Present population, by region .....	30
2.4. Resident population, by sex and region .....	31
2.5. Resident population, by age group .....	32
2.6. Resident population, by sex and age .....	33
2.7. Resident population, by main age group and region .....	34
2.8. Pensioners of all categories .....	35
2.9. Pensioners of all categories, by region .....	35
2.10. Number of the registered live births, deaths and natural population increase (decrease) .....	36
2.11. Total rates for births, deaths, natural increase (decrease) in the population .....	36
2.12. Number of live birth, deaths, natural increase (decrease) in population by region, 2021 .....	37
2.13. Total rates for births, deaths, natural increase (decrease) in the population by region, 2021 .....	38
2.14. Live births by sex .....	39

2.15. Birth rates by age .....	39
2.16. Share of live births born to mothers who are not in registered marriage .....	40
2.17. Crude birth rates .....	40
2.18. Population mortality, by major causes of death .....	41
2.19. Mortality rates of population, by age .....	41
2.20. Number of the dead of infants under 1 year old, by region .....	42
2.21. Mortality rates of infants under 1 year old, by region .....	43
2.22. Life expectancy at birth by sex .....	44
2.23. Life expectancy by sex and age group in 2021 .....	44
2.24. Marriages and dissolved marriages .....	45
2.25. Marriages and dissolved marriages in 2021, by region .....	45
2.26. Number of registered marriages by pre-marital status of couple .....	46
2.27. Population migration in 2021, by region .....	46
<b>3. LABOUR MARKET .....</b>	<b>47</b>
3.1. Population, by participation status in the labour force .....	50
3.2. Population in 2021, by participation status in the labour force, sex and place of residence .....	50
3.3. Labour force, by region .....	51
3.4. Number of employment, by type of economic activity .....	52
3.5. Employment, by region .....	53
3.6. ILO unemployment, by region .....	54
3.7. Labour force in 2021, by sex and age group .....	55
3.8. Employment rate in 2021, by sex, place of residence and age group .....	55
3.9. ILO unemployment rate in 2021, by sex, place of residence and age group .....	55
3.10. ILO unemployed, by duration of job search .....	56
3.11. ILO unemployed in 2021 by duration of job search by sex .....	56
3.12. ILO unemployed, by cause of unemployment .....	57
3.13. Average annual number of regular employees, by type of economic activity .....	58
3.14. Average annual number of regular employees, by region .....	59
3.15. Average number of regular employees, by type of economic activity of industry .....	60
3.16. Employees recruitment and dismissal rate, by type of economic activity .....	61
3.17. Use of employees' working hours in 2021, by type of economic activity .....	62

3.18. Use of employees' working hours in 2021, by type of economic activity in industry .....	63
3.19. Collective agreements concluded, by type of economic activity .....	64
3.20. Average monthly wages of regular employees .....	65
3.21. Average monthly nominal and real wages of regular employees .....	65
3.22. Distribution of regular employees in December of 2019–2021, by nominal wages .....	66
3.23. Average monthly nominal wages of regular employees, by type of economic activity .....	66
3.24. Average monthly nominal wages of regular employees, by region .....	67
3.25. Average monthly nominal wages of regular employees, by type of economic activity of industry .....	68
3.26. Number and nominal wages of regular employees in 2021, by sex and type of economic activity .....	69
<b>4. INCOME AND LIVING CONDITIONS .....</b>	<b>70</b>
4.1. Population income and expenditure .....	72
4.2. Structure of population income in 2020 .....	73
4.3. Structure of population expenditure and savings in 2020 .....	73
4.4. Population income, by region .....	74
4.5. Average monthly pension .....	75
4.6. Differentiation of household living standards .....	76
4.7. Households, by size and number of children .....	77
4.8. Households with children, by number of children .....	77
4.9. Population, by per capita equivalent money income .....	78
4.10. Households, by per capita equivalent money income .....	79
4.11. Households in 2021, by per capita equivalent money income, household size and number of children .....	80
4.12. Structure of household money expenditure .....	81
4.13. Structure of household money expenditure, by household size .....	81
4.14. Structure of money expenditure for households with children, by number of children .....	82
4.15. Structure of household money expenditure in 2021, by different per capita equivalent money income .....	82
4.16. Population, by total per capita equivalent income .....	83
4.17. Households, by total per capita equivalent income .....	84

4.18. Households in 2021, by total per capita equivalent income, household size and number of children .....	85
4.19. Structure of total household expenditure .....	86
4.20. Structure of total household expenditure, by household size .....	86
4.21. Structure of total expenditure for households with children, by number of children .....	87
4.22. Structure of total household expenditure in 2021, by different total per capita equivalent income .....	87
4.23. Structure of household expenditure in 2021, by basic consumption expenditure .....	88
4.24. Structure of household money income .....	89
4.25. Structure of household money income, by household size .....	89
4.26. Structure of money income for households with children, by number of children .....	90
4.27. Structure of household money income in 2021, by different money per capita equivalent income .....	90
4.28. Structure of household total resources .....	91
4.29. Structure of household total resources, by household size .....	92
4.30. Structure of total resources of households with children, by number of children .....	93
4.31. Structure of household total resources in 2021, by different total per capita equivalent income .....	94
4.32. Foodstuffs consumed by households .....	95
4.33. Foodstuffs consumed by households, by household size .....	95
4.34. Foodstuffs consumed by households with children, by number of children within household .....	96
4.35. Foodstuffs consumed by households in 2021, by different total per capita equivalent income .....	96
4.36. Foodstuffs consumed by households, by quintile (20%) group and total per capita equivalent income .....	97
4.37. Foodstuffs consumed .....	98
4.38. Consumed nutrients .....	99
4.39. Availability of selected durable goods in households .....	99
4.40. Distribution of households by access to the Internet .....	100
4.41. Distribution of the population by purpose of the Internet services usage .....	101
<b>5. COMMUNITIES AND HOUSING .....</b>	<b>102</b>
5.1. Housing stock .....	103
5.2. Housing stock facilities, by type of area .....	103



5.3. Housing stock, by region .....	104
5.4. Old housing stock, by region .....	105
5.5. Emergency housing stock, by region .....	106
<b>6. EDUCATION .....</b>	<b>107</b>
6.1. Pre-school educational institutions .....	108
6.2. Pre-school educational institutions, by region .....	109
6.3. Children enrolled in pre-school educational institutions, by region .....	110
6.4. Children in pre-school educational institutions, by language of instruction and region .....	111
6.5. Tertiary educational institution in 1914–2021 .....	112
6.6. Enrollment in educational institutions .....	113
6.7. General secondary educational institutions .....	113
6.8. General secondary educational institutions, by region .....	114
6.9. General secondary educational institutions at the beginning of 2021/22 by region .....	115
6.10. General secondary educational institutions at the beginning of 2021/22 academic year .....	116
6.11. Evening (part-time) general secondary educational institutions .....	116
6.12. Pupils of day general secondary educational institutions, by language of instruction and region .....	117
6.13. Pupils graduating from general secondary educational institutions .....	118
6.14. Professional (vocational and technical) educational institutions .....	118
6.15. Number of persons issued from professional (vocational and technical) educational institutions, by region .....	119
6.16. Institutions of professional pre-tertiary and tertiary education .....	119
6.17. Admission and graduation of specialists by institutions of pre-tertiary education by sources of financing of education in 2021 .....	120
6.18. Enrollment and graduation of experts by tertiary education institutions by source of financing in 2021 .....	120
6.19. Institution of professional pre-tertiary and tertiary education, by region .....	121
6.20. Training of postgraduate students .....	122
<b>7. HEALTH CARE AND SOCIAL PROTECTION .....</b>	<b>123</b>
7.1. Health care institutions, facilities and personnel .....	125
7.2. Health care indicators .....	125
7.3. Physicians of all specialisations, by region .....	126
7.4. Paramedical personnel, by region .....	127
7.5. Hospital beds, by region .....	128
7.6. Planned capacity of out-patient and polyclinic institutions, by region .....	129
7.7. Incidence of selected infectious diseases .....	130

7.8. HIV infections and number of persons registered as HIV positive .....	130
7.9. HIV infected and HIV positive, by region .....	131
7.10. Incidence of malignant tumours .....	132
7.11. Incidence of malignant tumours in 2021, by location .....	132
7.12. Incidence of active tuberculosis .....	132
7.13. Incidence of active tuberculosis, by region .....	133
7.14. Incidence of venereal disease .....	134
7.15. Abortions .....	134
7.16. Industrial injuries .....	134
7.17. Number of persons with disabilities, by region .....	135
7.18. Number of newly recognized persons with disabilities by class of diseases in 2021 .....	136
7.19. Number of newly recognized persons with disabilities by region .....	137
7.20. Care homes for the aged persons and persons with disabilities(adults, children and the youth) ....	137
7.21. Care homes for the aged persons and persons with disabilities (adults, children and the youth), by region .....	138
7.22. Cash benefits to low-income persons incapable of working .....	139
7.23. Provision of targeted in-kind and monetary aid by entity rendering social services in 2021 .....	139
7.24. Selected boarding schools and institutions for social protection of children .....	140
7.25. Adopted orphans and children deprived of parents' guardianship .....	141
7.26. Children who were in centres of social and psychological rehabilitation and shelter-care facilities for children .....	142
 <b>8. CULTURE, LEISURE, SPORT AND TOURISM .....</b>	 <b>143</b>
8.1. Cultural institutions in 1913–2021 .....	144
8.2. Libraries, cinemas and club-houses .....	145
8.3. Art schools .....	145
8.4. Publication of books, magazines and newspapers .....	146
8.5. Sports school for children in 2021, by region .....	147
8.6. Activity of physical training and sports institutions .....	148
8.7. Sports facilities .....	149
8.8. Physical training and health activity in 2021 .....	150
8.9. Number of tourists serviced by tour operators and travel agents, by type .....	150
 <b>9. JUSTICE AND CRIME .....</b>	 <b>151</b>
9.1. Number recorded criminal offences, by individual species .....	152
9.2. Number of the registered criminal offences by region .....	152

9.3. Criminal offences in the sphere of distribution of narcotic drugs, psychotropic substances, their analogues or by precursors .....	153
9.4. Court convictions, by selected crime .....	153
9.5. Court convictions, by region .....	154
9.6. Institutions executing sentences and number of prisoners .....	155
9.7. Number and composition of children who are registered with units for preventive activity on juvenile prevention .....	155
9.8. Consideration of cases (applications) by courts of first instance in the procedure of civil justice .....	156
9.9. State notary services .....	156
9.10. Fires .....	157
9.11. Fires, by cause .....	157
<b>10. NATURAL RESOURCES AND ENVIRONMENT PROTECTION .....</b>	<b>158</b>
<b>Land .....</b>	<b>160</b>
10.1. Lands of Ukraine .....	160
10.2. Preserves and national nature parks .....	160
<b>Water resources .....</b>	<b>161</b>
10.3. Water supply and water drainage, basic indicators .....	161
<b>Atmosphere .....</b>	<b>162</b>
10.4. Emission of pollutants and carbon dioxide into the atmosphere .....	162
10.5. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2021, by type of economic activity .....	163
10.6. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns .....	164
10.7. Pollutant emissions and carbon dioxide into the atmosphere from stationary sources of pollution in 2021, by region .....	168
<b>Wastes .....</b>	<b>169</b>
10.8. Basic indicators for the generation and treatment of wastes of 1 <sup>st</sup> –4 <sup>rd</sup> hazard category .....	169

10.9. Basic indicators for the generation and treatment of wastes of 1 <sup>st</sup> –3 <sup>rd</sup> hazard category .....	170
10.10. Generation of wastes, by hazard category .....	171
10.11. Wastes accumulated during exploitation at sites for wastes removal, by hazard category .....	171
10.12. Generation of wastes, by category of materials .....	172
10.13. Wastes generation by type of economic activity of enterprises and in households .....	173
<b>Use of environment, economic indicators .....</b>	<b>174</b>
10.14. Capital investment and current costs for environmental protection .....	174
10.15. Capital investment for environmental protection, by purpose .....	174
10.16. Current expenditure for environmental protection, by purpose .....	175
<b>11. NATIONAL ACCOUNTS .....</b>	<b>176</b>
11.1. Gross domestic product (GDP) .....	178
11.2. GDP production and distribution, by type of economic activity .....	178
11.3. GVA structure, by type of economic activity in volume of GDP .....	182
11.4. GDP structure, by income category .....	182
11.5. GDP, by category of final use .....	183
11.6. Integrated table of national accounts for 2020 .....	184
11.7. Input-output at consumer prices in 2020 .....	190
11.8. Gross regional product .....	193
11.9. Share of gross regional product in the general total .....	194
11.10. Per capita gross regional product .....	195
11.11. Volume indices of gross regional product .....	196
<b>12. GOVERNMENT FINANCE AND CREDIT .....</b>	<b>197</b>
12.1. Consolidated budget of Ukraine .....	198
12.2. Ukraine's Central budget deficit and sources used for its funding .....	199
12.3. Budgets of Ukraine (excluding inter-budget transfers) .....	199
12.4. Monetary aggregates .....	203
12.5. Resident deposit-taking corporations (banks) loans .....	203
<hr/>	
Statistical Yearbook of Ukraine for 2021	11
State Statistics Service of Ukraine	

12.6. Official exchange rate of hryvnia to foreign currencies set by the National Bank of Ukraine, average per year .....	203
12.7. Deposits by households, held with deposit-taking corporations (banks) .....	203
<b>13. PRICES</b> .....	204
13.1. Price indices .....	205
13.2. Consumer price indices and industrial producer price indices in 2005–2021 .....	205
13.3. Consumer and producer price indices .....	205
13.4. Indices of consumer prices for the basic groups of goods and services .....	206
13.5. Consumer price indices, by region .....	207
13.6. Consumer price indices in 2021, by region .....	208
13.7. Industrial producer price indices, by type of activity .....	210
13.8. Producer price indices, by selected consumer goods .....	211
13.9. Price indices for agricultural products sold by agricultural enterprises .....	211
13.10. Price indices for construction .....	212
13.11. Tariff indices for post and communication services for enterprises, departments, organisations ...	212
13.12. Tariff indices for shipment of cargo by rail .....	213
<b>14. THE REGISTER OF STATISTICAL UNITS</b> .....	214
14.1. Number of registered legal persons, by region .....	215
14.2. Number of registered legal persons, by the organisational and legal forms .....	216
14.3. Number of registered legal persons, by type of economic activity .....	218
<b>15. CAPITAL ASSETS</b> .....	219
15.1. Capital assets, by type of economic activity .....	220
15.2. Cost of new fixed assets received during the year, by type of economic activity .....	221
15.3. Degree of depreciation of capital assets, by type of economic activity .....	222
<b>16. ENERGY</b> .....	223
16.1. Usage of fuel in 2020, by selected type of economic activity .....	224
16.2. GDP energy intensity .....	225
16.3. Structure of the consumed fuel in 2020, by purpose .....	225
16.4. Usage of selected types of fuel in 2020, by region .....	226
16.5. Capacity and delivery of energy in 2020, by source for energy supply .....	227

16.6. Usage of energy by basic type of economic activity .....	227
16.7. Energy balance for 2019 .....	230
16.8. Energy balance for 2020 .....	232
<b>17. INDUSTRY .....</b>	<b>234</b>
17.1. Industrial production indices, by type of activity .....	234
17.2. Industrial production indices, by region .....	236
17.3. Industrial production indices of foodstuffs, beverages and tobacco products enterprises, by type of activity .....	237
17.4. Industrial production indices of coke and refined petroleum products enterprises, by type of activity .....	238
17.5. Industrial production indices for chemicals and chemical products, by type of activity .....	238
17.6. Industrial production indices of rubber and plastic products, manufacture of other non-metallic mineral products, by type of activity .....	238
17.7. Industrial production indices of engineering, by type of activity .....	239
17.8. Industrial products sold (goods, services), by type of economic activity .....	240
17.9. Output of selected types of products by mining and quarrying industry .....	242
17.10. Output of selected types of products by foodstuffs and beverages .....	242
17.11. Output of selected types of engineering .....	243
17.12. Output of industrial products, by type .....	243
17.13. Output of sausages and similar products of meat, offal or blood and food preparations based thereon (excluding liver sausages and prepared meals and dishes), by region .....	258
17.14. Output of crude sunflower-seed oil and its fractions (excluding chemically modified), by region .....	259
17.15. Output of milk and cream of a fat content more than 1% but less than 6%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content no more than 2 L, by region .....	260
17.16. Output of grated, powdered, blue-veined and other non-processed cheese (excluding fresh cheese, whey cheese and curd), by region .....	261
17.17. Output of curdled milk, cream, yogurt and other fermented products, by region .....	262
17.18. Output of wheat or meslin flour, by region .....	263
17.19. Output of fresh bread containing by weight in the dry matter state $\leq 5\%$ of sugars and $\leq 5\%$ of fat (excluding with added honey; eggs; cheese or fruit), by region .....	264
17.20. Output of refined white cane or beet sugar in solid form, by region .....	265

<b>18. AGRICULTURE, HUNTING, FORESTRY. FISHERY</b> .....	265
<b>Agriculture</b> .....	268
18.1. Index of agricultural products, by category of enterprises .....	268
18.2. Index of agricultural products .....	268
18.3. Index of agricultural products, by region .....	269
18.4. Structure of agricultural production, by type .....	270
18.5. Structure of agricultural production, by category of producers .....	270
18.6. Structure of agricultural production, by type in 2021, by region .....	271
18.7. Structure of agricultural production, by category of producers in 2021, by region .....	272
18.8. Distribution of enterprises engaged in agricultural activity in 2021, by size of agricultural lands .....	273
18.9. Structure of production cost of agriculture products (operations, services) by enterprises .....	273
18.10. Profitability of production of basic types of agricultural products by enterprises .....	274
18.11. Average prices for selling agricultural products by agricultural enterprises .....	275
<b>Crop growing</b> .....	276
18.12. Distribution of land areas and agricultural lands .....	276
18.13. Sown area for agricultural crops in 1940–2021 .....	276
18.14. Sown area for agricultural crops .....	277
18.15. Sown area for agricultural crops in 2021, by region .....	278
18.16. Harvested area .....	279
18.17. Area planted with fruit and berry crops, and grapes .....	279
18.18. Output of agricultural crops in 1913–2021 .....	280
18.19. Output of agricultural crops .....	281
18.20. Output of agricultural crops, by category of enterprises .....	282
18.21. Share of the agricultural crop production by household holdings .....	283
18.22. Per capita agricultural crop production .....	283
18.23. Output of grain and leguminous crops, by region .....	284
18.24. Output of factory sugar beets, by region .....	285
18.25. Output of sunflower, by region .....	286
18.26. Output of potatoes, by region .....	287
18.27. Output of vegetable crops, by region .....	288

18.28. Output of fruit and berry crops, by region .....	289
18.29. Output of grapes, by region .....	290
18.30. Yields of agricultural crops in 1940–2021 .....	291
18.31. Yields of agricultural crops .....	292
18.32. Yields of grain and leguminous crops in 2021, by region .....	293
18.33. Yields of agricultural crops in 2021, by region .....	294
18.34. Use of fertilisers in enterprises .....	295
18.35. Utilization of pesticides at enterprises .....	295
<b>Cattle raising</b> .....	296
18.36. Number of livestock animals in 1915–2021 .....	296
18.37. Number of livestock animals, by category of enterprises .....	297
18.38. Number of livestock animals in 2021, by region .....	298
18.39. Output of animal products in 1940–2021 .....	299
18.40. Output of animal products, by category of enterprises .....	300
18.41. Share of animal products production by household holdings .....	300
18.42. Per capita animal products production .....	300
18.43. Output of meat, by region .....	301
18.44. Output of milk, by region .....	302
18.45. Output of eggs, by region .....	303
18.46. Productivity of livestock animals .....	304
18.47. Average weight of one livestock animal sold to processing enterprises .....	304
18.48. Average annual yield of milk per cow, by region .....	305
18.49. Animal products supplied for processing enterprises .....	306
<b>Hunting</b> .....	307
18.50. Number of hunting animals, by type .....	307
<b>Forestry</b> .....	308
18.51. Forest and forested area .....	308
18.52. Forest products harvesting by type .....	308
18.53. Realization of forest products, 2021 .....	308
18.54. Timber harvesting .....	309
18.55. Wood felling and procurement by species composition of forest range .....	309
18.56. Timber harvesting, by region .....	310



18.57. Number of cut non-woof forest products .....	311
18.58. Forest reproduction .....	311
18.59. Afforestation by plant species composition .....	311
18.60. Areas of forest renewal by forest planting and sowing, by region .....	312
18.61. Forest cultivation work and forest protection measures .....	313
18.62. Area of forest ranges dying .....	313
18.63. Forest fires .....	313
<b>Fishery</b> .....	314
18.64. Harvesting of water bio-resources, by type .....	314
18.65. Harvesting of water bio-resources, by region .....	315
<b>19. CONSTRUCTION</b> .....	316
19.1. Indices of construction output .....	316
19.2. Construction output, by type of construction output .....	316
19.3. Indices of construction output, by region .....	317
19.4. Total area of residential buildings put into operation, by region .....	318
19.5. Total area of residential buildings put into operation in 2021, by region .....	319
19.6. Total area of residential buildings put into operation by types .....	320
19.7. Total area of residential buildings put into operation in urban areas, by region .....	321
19.8. Total area of residential buildings put into operation in rural areas, by region .....	322
19.9. Total area of residential buildings put into operation and the number of apartments built .....	323
<b>20. CAPITAL INVESTMENT</b> .....	324
20.1. Capital investments by type of assets .....	325
20.2. Structure of capital investments, by source of financing .....	326
20.3. Structure of capital investment in 2021, by source of financing .....	326
20.4. Capital investment, by type of economic activity .....	327
20.5. Indices for capital investment, by type of economic activity .....	328
20.6. Capital investment, by type of economic activity in industry .....	329
20.7. Indices for capital investment, by type of economic activity in industry .....	330

<b>21. TRANSPORT</b> .....	331
<b>Transport</b> .....	332
21.1. Freight shipped in 1940–2021, by mode of transport .....	332
21.2. Freight shipped, by mode of transport .....	332
21.3. Share of freight shipped, by mode of transport .....	333
21.4. Volume indices for freight shipped, by mode of transport .....	333
21.5. Freight traffic in 1940–2021, by mode of transport .....	334
21.6. Freight traffic, by mode of transport .....	335
21.7. Distribution of freight traffic, by mode of transport .....	335
21.8. Freight shipped, by rail of general use .....	336
21.9. Freight shipped, by river .....	336
21.10. Freight shipped, by sea .....	337
21.11. Freight shipped by road, by region .....	338
21.12. Road freight traffic, by region .....	339
21.13. Passenger transportation by mode of transport in 1940-2021 .....	340
21.14. Passenger transportation by mode of transport .....	341
21.15. Indices of the number of passengers transported by mode of transport .....	341
21.16. Passenger traffic in 1940–2021, by mode of transport (excluding urban electric transport) .....	342
21.17. Passenger turnover by mode of transport .....	343
21.18. Passenger transportation by type of traffic by selected mode of transport .....	343
21.19. Rolling stock, by mode of transport and purpose .....	344
<b>Roads</b> .....	345
21.20. Length of transport network in 1940–2021 .....	345
21.21. Operational length of transport network .....	346
21.22. Average distance of freight transport, by mode .....	347
21.23. Average distance of passenger transport, by mode .....	347
<b>22. FOREIGN ECONOMIC ACTIVITY</b> .....	348
22.1. Foreign trade in goods, by country .....	348
22.2. Exports/imports of goods in 2021, by region .....	351
22.3. Commodity structure of foreign trade in 2021 .....	352
22.4. Exports/imports of goods for processing, by country .....	353
22.5. Foreign trade in services, by country .....	354

22.6. Exports/imports of services in 2021, by region .....	357
22.7. Structure of exports/imports of services in 2021 .....	358
<b>23. DOMESTIC TRADE .....</b>	<b>359</b>
23.1. Wholesale and retail turnover of wholesale and retail enterprises .....	360
23.2. Wholesale turnover of wholesale enterprises, by region .....	360
23.3. Wholesale turnover of wholesale enterprises, by goods groups .....	361
23.4. Retail turnover of retail enterprises, by region .....	364
23.5. Volume indices of retail turnover of retail enterprises .....	365
23.6. Retail turnover of retail enterprises, by region .....	365
23.7. Volume indices of retail turnover of retail enterprises, by goods groups .....	366
23.8. Retail turnover of retail enterprises, by goods groups .....	367
23.9. Share of sale of goods produced on the territory of Ukraine and sold, by retail trade enterprises .....	369
23.10. Retail sales of retail enterprises by product groups .....	371
<b>24. INFORMATION SOCIETY .....</b>	<b>372</b>
24.1. Usage of information and communication technologies at enterprises, by type of economic activity .....	373
24.2. Usage of information and communication technologies at enterprises, by average number of employees .....	373
24.3. Electronic commerce at enterprises by type of economic activity .....	374
24.4. Electronic commerce at enterprises with distribution by number of employees .....	374
<b>25. ACTIVITY OF ENTERPRISES .....</b>	<b>375</b>
25.1. Indicators of business entities' activity .....	377
25.2. Number of entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs .....	378
25.3. Number of employees at entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs .....	380
25.4. Number of wage-workers at entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs .....	382

25.5. Volume of the sold products (goods, services) of entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs .....	384
25.6. Distribution of large, medium, small and micro-enterprises by type of economic activity .....	386
25.7. Distribution of employees at large, medium, small and micro-enterprises by type of economic activity .....	389
25.8. Distribution of wage-workers at large, medium, small and micro-enterprises by type of economic activity .....	392
25.9. Distribution of the sold products (goods, services) of large, medium, small and micro-enterprises by type of economic activity .....	395
 <b>Finance of the enterprises</b> .....	 398
25.10. Enterprises' balance structure, by type of economic activity .....	398
25.11. Financial outcome before taxation, by type of economic activity .....	402
25.12. Profitability of operational activity, by type of economic activity .....	404
 <b>26. SCIENCE AND INNOVATIONS</b> .....	 405
26.1. Number of employees engaged in R&D performance, by category of staff .....	407
26.2. Number of employees engaged in R&D performance, by education level .....	407
26.3. Number of employees engaged in R&D performance, by branch of science .....	407
26.4. Number of researchers, engaged in R&D performance, by age group .....	408
26.5. Spending for R&D, by type of spending .....	408
26.6. Indicators of innovation activity of industrial enterprises .....	409
26.7. Expenses for innovations of industrial enterprises by innovation activity area .....	410
26.8. Expenses for innovations of industrial enterprises by source of financing .....	410
26.9. Number of industrial enterprises that implemented innovation (products and/or technological processes) .....	411
26.10. Number of the innovative products (goods, services) implemented by industrial enterprises .....	411
26.13. Amount of innovation products sold (goods, services) .....	411

<b>27. INTERNATIONAL COMPARISONS</b> .....	412
27.1. Area and population in 2020 .....	412
27.2. Total fertility rate .....	414
27.3. Females life expectancy at birth .....	416
27.4. Males life expectancy at birth .....	418
27.5. Labour force of women aged 15–64 year old .....	420
27.6. Labour force of men aged 15–64 year old .....	422
27.7. Unemployment rate .....	424
27.8. GDP .....	426
27.9. GDP annual growth rate (decrease) .....	428
27.10. GDP per capita .....	430
27.11. Growth rate (decrease) of industrial production .....	432
27.12. Changes in consumer price .....	434
27.13. Changes in industrial producer price .....	436
<b>INDEX</b> .....	438

## 1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

### 1.1. Geographical and political characteristics

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

**Present population** as of January 1, 2022 41,2 mln. (excluding the temporary occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol)  
**Area** 603,5 thsd.sq.km (State Service on Geodesy, Cartography and Cadaster of Ukraine)

**Length**  
 from West to East 1316 km  
 from North to South 893 km  
 of borders 6993,63 km

**Extreme border locations**  
 Northern Hremiach Village (Chernihiv oblast)  
 Southern Sarych Cape (Autonomous Republic of Crimea)  
 Western neighbourhood Chop city (Zakarpattya oblast)  
 Eastern Village Rannya Zorya (*formerly* Chervona Zirka (Luhansk oblast))<sup>1</sup>

#### 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 2021

(source: the Ukrainian Hydrometeorological center; mm)

Steppe	647	Forest	709
Forest-steppe	612	Kyiv city	533

#### Air temperature

(source: the Ukrainian Hydrometeorological center; °C)

#### Average monthly air temperature in 2021

	January	July
Steppe	-1,2	24,6
Forest-steppe	-2,4	23,3
Forest	-1,9	22,7
Kyiv city	-2,6	24,6

The absolute minimum of air temperature in 2021 – minus 32° – was observed in January in the Luhansk regions.

The absolute maximum of air temperature in 2021 – plus 39° – was observed in July in the Luhansk 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

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

<b>Highest mountain peaks</b>			
		<i>(m)</i>	
<b>Ukrainian Carpathians</b>		<b>Crimean Mountains</b>	
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

<sup>1</sup> See the footnote to Table 10.6

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

### **Political system**

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

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

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

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

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

The main public holiday is Independence Day – 24 August.

### **1.2. Religious organisations<sup>1</sup>**

	<i>(beginning of year)</i>									
	2001	2006	2011	2016	2018	2019	2020	2021	2022	
<b>Total, units</b>	<b>24311</b>	<b>30507</b>	<b>33977</b>	<b>35709</b>	<b>36184</b>	<b>36739</b>	<b>36796</b>	<b>37049</b>		...
Centers, departments (eparchies, dioceses, etc)	241	299	362	378	384	391	390	394		...
Communities	23400	29262	32521	34183	34637	35162	35210	35453		...
Monasteries	277	386	459	516	522	531	536	536		...
Missions	214	309	357	359	367	368	369	372		...
Brotherhoods	53	76	78	75	72	83	84	85		...
Theological schools	126	175	200	198	202	204	207	209		...
Number of clergy, persons	22626	28431	30199	31851	31952	32619	32996	33013		...
Number of Sunday schools, units	7684	12522	12762	12171	13282	13195	13134	13097		...

<sup>1</sup> Beginning 2001–2020, data of the Ministry of Culture and Information Policy of Ukraine, 2021–2022, data of the State Service of Ukraine for Ethnopolitics and Freedom of Conscience

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

**1.3. Administrative and territorial units, by region**

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

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

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



BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

**1.4. Basic social and economic indicators**

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Gross domestic product (at current prices) <sup>1</sup> , bln. UAH	176,1	457,3	1120,6	1988,5	2981,2	3560,3	3977,2	4222,0	5459,6
per capita <sup>1</sup> , UAH	3582	9709	24429	46413	70170	84228	94633	101138	131944
Population income, bln. UAH	128,7	381,4	1101,2	1772,0 <sup>1</sup>	2652,1 <sup>1</sup>	3248,7 <sup>1</sup>	3744,1 <sup>1</sup>	4045,2 <sup>1</sup>	4698,6 <sup>1</sup>
Consumer price index (Dec. over Dec. of the previous year), percent	125,8	110,3	109,1	143,3	113,7	109,8	104,1	105,0	110,0
Industrial producer price index (Dec. over Dec. of the previous year), percent	120,8	109,5	118,7	125,4	116,5	114,2	92,6	114,5	162,2
Price indices for agricultural products sold by enterprises (of the previous year), percent	155,8	108,1	130,0	154,5	111,5	109,3	92,4	119,2	136,0
Consolidated budget, bln. UAH									
Revenue	49,1	134,2	314,5	652,0	1017,0	1184,3	1289,8	1376,7	1662,3
Expenditure	48,2	141,7	377,8	679,9	1057,0	1250,2	1372,4	1595,4	1845,4
Lending	-0,1	0,3	1,3	3,1	2,1	1,9	4,8	5,7	4,8
Excess of expenditure over revenue (deficit)	-1,0	7,8	64,7	30,9	42,1	67,8	87,3	224,5	187,8
Profit before taxation, bln. UAH	36,1	89,2	212,0	475,3	674,4	746,5	933,2	848,6	1352,1 <sup>2</sup>
Loss before taxation, bln. UAH	22,2	24,8	153,7	815,4	399,6	317,4	268,3	545,4	232,8 <sup>2</sup>
Industrial products sold, bln. UAH	...	...	1065,8	1776,6	2625,9	3045,2	3019,4	3236,4	...
Capital investment, bln. UAH	...	111,2 <sup>3</sup>	189,1	273,1	448,5	578,7	624,0	508,2	528,8
Total area of residential buildings put into service, mln.sq.m	5,6	7,8	9,3 <sup>4</sup>	11,0 <sup>4</sup>	9,2 <sup>4</sup>	8,7 <sup>4</sup>	11,0 <sup>4</sup>	8,5 <sup>4</sup>	11,4 <sup>4</sup>

## BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.4 continued

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

<sup>1</sup> 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)

<sup>2</sup> Information for 2021 has been compiled including data from initiatively submitted reports of enterprises

<sup>3</sup> Including VAT

<sup>4</sup> See the footnote to Table 19.4

<sup>5</sup> Since 2005, including commercial cargo transportation by natural persons-entrepreneurs

<sup>6</sup> Including automobile passenger transportation by small businesses (natural and legal persons)

<sup>7</sup> Volumes of exports/imports of goods and services have been revised according to the Technique for retrospective re-calculation of value of services for processing in external economic activity (SSSU decree № 419 of December 31, 2014)

<sup>8</sup> For 2000 and 2005, data on legal persons and separate units of legal persons are presented taking into account the qualification requirement for the number of the employees, since 2010 data on legal persons and separate units of legal persons with the number of employees equaling 10 and more are given

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

**1.5. Indices of basic social and economic indicators**

(percent of the previous year)

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

<sup>1</sup> See the first footnote to Table 1.4

<sup>2</sup> See the second footnote to Table 1.4

<sup>3</sup> See methodology notes to Chapter 17

<sup>4</sup> See methodology notes to Chapter 20

<sup>5</sup> Before 2016 inclusive, data include legal persons and natural persons-entrepreneurs who were engaged in retail trade; since 2017, legal persons and natural persons-entrepreneurs whose main type of economic activity is retail trade. See methodological explanations to Chapter 23

<sup>6</sup> Data comparisons are impossible due to changes in survey organisation

## 2. POPULATION AND MIGRATION

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Migration increase (decrease) in the population** is the difference between those who arrived to a certain territory and those who departed outside it. Information about migration is compiled according to data on declaration/registration of place of residence and de-declaration/deregistration of place of residence of persons in Ukraine which are provided by the registration bodies (executive bodies of rural, village or city council).

POPULATION AND MIGRATION

**2.1. Population<sup>1</sup>**

	2001	2002 <sup>1</sup>	2006	2011	2016	2018	2019	2020	2021	2022
<b>Present population, mln.</b>	<b>48,9</b>	<b>48,5</b>	<b>46,9</b>	<b>45,8</b>	<b>42,8</b>	<b>42,4</b>	<b>42,2</b>	<b>41,9</b>	<b>41,6</b>	<b>41,2</b>
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
<b>Resident population, mln.</b>	<b>48,7</b>	<b>48,2</b>	<b>46,7</b>	<b>45,6</b>	<b>42,6</b>	<b>42,2</b>	<b>42,0</b>	<b>41,7</b>	<b>41,4</b>	<b>41,0</b>
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

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

**2.2. Present population in 1939–2021<sup>1</sup>**

	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

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

POPULATION AND MIGRATION

**2.3. Present population, by region**

(as of January 1, 2022)

	Population, thsd.			Share of urban population in total, percent
	total	urban	rural	
<b>Ukraine</b>	<b>41167,3</b>	<b>28693,7</b>	<b>12473,6</b>	<b>69,7</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnycya	1509,5	789,6	719,9	52,3
Volyn	1021,4	533,5	487,9	52,2
Dnipropetrovsk	3096,5	2606,1	490,4	84,2
Donetsk	4059,4	3693,5	365,9	91,0
Zhytomyr	1179,0	703,2	475,8	59,6
Zakarpattya	1244,5	463,4	781,1	37,2
Zaporizhzhya	1638,5	1269,9	368,6	77,5
Ivano-Frankivsk	1351,8	602,6	749,2	44,6
Kyiv	1795,1	1108,6	686,5	61,8
Kirovohrad	903,7	575,9	327,8	63,7
Luhansk	2102,9	1833,8	269,1	87,2
Lviv	2478,1	1516,3	961,8	61,2
Mykolayiv	1091,8	750,7	341,1	68,8
Odesa	2351,4	1581,5	769,9	67,3
Poltava	1352,3	848,1	504,2	62,7
Rivne	1141,8	541,8	600,0	47,5
Sumy	1035,8	723,2	312,6	69,8
Ternopil	1021,7	471,4	550,3	46,1
Kharkiv	2598,9	2115,1	483,8	81,4
Kherson	1001,6	615,1	386,5	61,4
Khmelnyskiy	1228,8	713,3	515,5	58,0
Cherkasy	1160,7	665,5	495,2	57,3
Chernivtsi	890,5	386,0	504,5	43,3
Chernihiv	959,3	633,3	326,0	66,0
<b>cities</b>				
Kyiv	2952,3	2952,3	×	100,0
Sevastopol	...	...	...	...

POPULATION AND MIGRATION

**2.4. Resident population, by sex and region**

(persons)

	2002 <sup>1</sup>		2022 <sup>1</sup>		Males per 1000 females	
	males	females	males	females	2002 <sup>1</sup>	2022 <sup>1</sup>
<b>Ukraine</b>	<b>22316317</b>	<b>25924585</b>	<b>19006979</b>	<b>21990719</b>	<b>861</b>	<b>864</b>
Autonomous Republic of Crimea	931439	1092617	...	...	852	...
<b>oblasts</b>						
Vinnnytsya	804747	959197	696893	805537	839	865
Volyn	497646	559568	480903	537725	889	894
Dnipropetrovsk	1638504	1922720	1412426	1680750	852	840
Donetsk	2210403	2615160	1839235	2207252	845	833
Zhytomyr	644360	744933	550334	629467	865	874
Zakarpattya	604150	650464	597084	644559	929	926
Zaporizhzhya	884153	1042657	747714	889959	848	840
Ivano-Frankivsk	663275	742854	637870	711226	893	897
Kyiv	841463	979598	819430	969870	859	845
Kirovohrad	516610	609094	414272	483025	848	858
Luhansk	1167914	1372277	961809	1136515	851	846
Lviv	1234896	1371060	1164991	1294772	901	900
Mykolayiv	586770	676129	506149	584957	868	865
Odesa	1148820	1306846	1102880	1237452	879	891
Poltava	742204	879003	621789	722656	844	860
Rivne	554413	617032	542099	598625	899	906
Sumy	592005	704758	474587	558993	840	849
Ternopil	527953	610547	477160	541302	865	882
Kharkiv	1328884	1566929	1198683	1384642	848	866
Kherson	546638	626051	464726	535440	873	868
Khmelnytskyi	657285	769364	570163	655503	854	870
Cherkasy	635822	762491	532640	624475	834	853
Chernivtsi	430047	488981	418615	468777	879	893
Chernihiv	560445	675620	432326	518447	830	834
<b>cities</b>						
Kyiv	1193356	1373597	1342201	1568793	869	856
Sevastopol	172115	205038	...	...	839	...

<sup>1</sup> For 2002, data of the Census as of December 5, 2001, for 2022, as of January 1



POPULATION AND MIGRATION

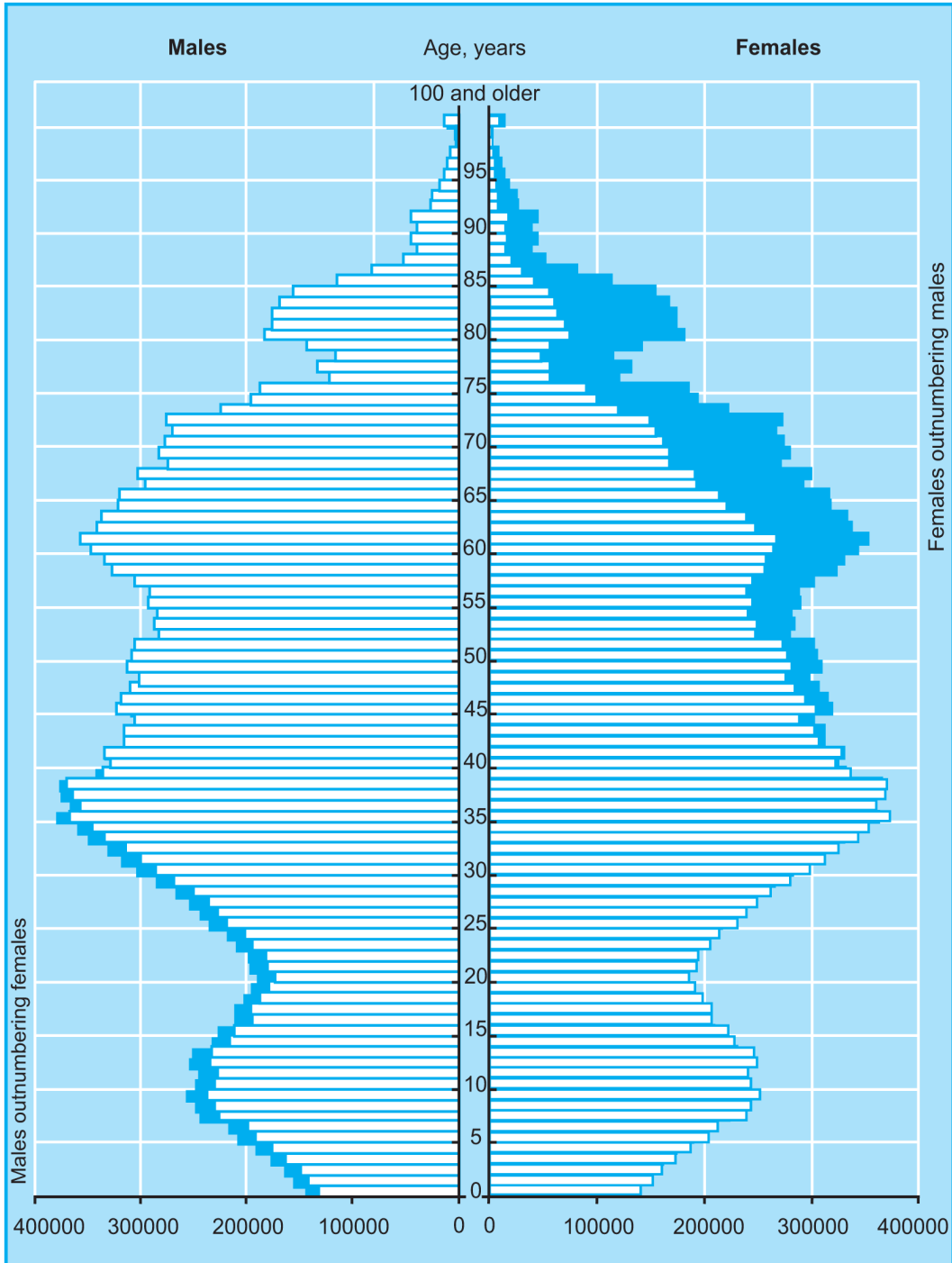
**2.5. Resident population, by age group**

*(as of January 1, 2022)*

	Total population, persons			Share of total population, percent		
	total	urban	rural	total	urban	rural
<b>Total population</b>	<b>40997698</b>	<b>28454845</b>	<b>12542853</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
by age, years						
under 1	270884	171143	99741	0,6	0,6	0,8
1–4	1295892	842262	453630	3,2	2,9	3,6
5–9	2221608	1469826	751782	5,4	5,2	6,0
10–14	2331502	1561648	769854	5,7	5,5	6,1
15–19	1980297	1359991	620306	4,8	4,8	4,9
20–24	1912342	1241073	671269	4,7	4,4	5,4
25–29	2443866	1617663	826203	5,9	5,7	6,6
30–34	3192224	2203465	988759	7,8	7,7	7,9
35–39	3577192	2677972	899220	8,7	9,4	7,2
40–44	3125262	2288069	837193	7,6	8,0	6,7
45–49	2980798	2113104	867694	7,3	7,4	6,9
50–54	2736970	1881649	855321	6,7	6,6	6,8
55–59	2776478	1922601	853877	6,8	6,8	6,8
60–64	2921277	2063202	858075	7,1	7,3	6,8
65–69	2390027	1724268	665759	5,9	6,1	5,3
70 and older	4841079	3316909	1524170	11,8	11,6	12,2
Of total population, years						
0–14	6119886	4044879	2075007	14,9	14,2	16,5
15–64	27646706	19368789	8277917	67,4	68,1	66,0
16–59	24294937	17013181	7281756	59,2	59,8	58,1
18 and older	33649167	23567493	10081674	82,1	82,8	80,4
60 and older	10152383	7104379	3048004	24,8	25,0	24,3
65 and older	7231106	5041177	2189929	17,7	17,7	17,5

2.6. Resident population, by sex and age

(as of January 1, 2022; persons)



POPULATION AND MIGRATION

**2.7. Resident population, by main age group and region**

(as of January 1, 2022)

	Total population, persons	By age					
		0–14 years	15–64 years	16–59 years	18 years and older	60 years and older	65 years and older
<b>Ukraine</b>	<b>40997698</b>	<b>6119886</b>	<b>27646706</b>	<b>24294937</b>	<b>33649167</b>	<b>10152383</b>	<b>7231106</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...
<b>oblasts</b>							
Vinnysya	1502430	228250	1004375	885470	1228354	372811	269805
Volyn	1018628	196450	685096	605638	784264	203009	137082
Dnipropetrovsk	3093176	467034	2081587	1824505	2533376	768572	544555
Donetsk	4046487	423519	2674678	2308530	3517166	1276475	948290
Zhytomyr	1179801	190552	790179	697627	951302	278448	199070
Zakarpattia	1241643	242204	846345	753382	953107	229892	153094
Zaporizhzhya	1637673	232973	1102443	963274	1357271	424668	302257
Ivano-Frankivsk	1349096	224384	927622	819102	1079459	289946	197090
Kyiv	1789300	316611	1201941	1063191	1418964	390518	270748
Kirovohrad	897297	131792	597961	525557	739364	230688	167544
Luhansk	2098324	189316	1396732	1196816	1856420	693185	512276
Lviv	2459763	396357	1688299	1486752	1984185	549774	375107
Mykolayiv	1091106	164901	737530	648671	893829	266171	188675
Odesa	2340332	393810	1569062	1393241	1874094	528202	377460
Poltava	1344445	188739	912376	802194	1118899	339990	243330
Rivne	1140724	229140	764199	675777	868238	220414	147385
Sumy	1033580	132578	702848	612632	874016	278526	198154
Ternopil	1018462	156857	699887	616190	829004	234086	161718
Kharkiv	2583325	349863	1782295	1572262	2162135	637464	451167
Kherson	1000166	158536	673166	591839	811105	238738	168464
Khmelnyskiy	1225666	190583	819510	719168	998009	302699	215573
Cherkasy	1157115	157088	776993	681294	968605	307469	223034
Chernivtsi	887392	151873	606264	538823	706000	186676	129255
Chernihiv	950773	125440	631852	550430	799554	265696	193481
<b>cities</b>							
Kyiv	2910994	481036	1973466	1762572	2342447	638266	456492
Sevastopol	...	...	...	...	...	...	...

POPULATION AND MIGRATION

**2.8. Pensioners of all categories<sup>1</sup>**

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

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

<sup>1</sup> Here and elsewhere (Table 2.9), information on the number of pensioners of all categories (civilian and military pensioners) is provided

As of January 1, 2022, there were 4113,6 thsd. pensioners who lived in rural areas, which amounted to 37,9% of those registered at the Pension Fund of Ukraine bodies.

**2.9. Pensioners of all categories, by region**

(source: by Pension Fund of Ukraine; as of January 1, 2022)

	Total, persons	Including						judges in resignation which receive the lifelong monetary maintenance (with complete and income-plete work experience)
		old age pensions	disability pensions	survivors' pensions	long service pensions	welfare pensions		
<b>Ukraine</b>	<b>10841117</b>	<b>8051951</b>	<b>1491113</b>	<b>637669</b>	<b>588470</b>	<b>68284</b>	<b>3630</b>	
Autonomous Republic of Crimea	...	...	...	...	...	...	...	
<b>oblasts</b>								
Vinnnytsya	438630	318413	69645	22643	25152	2650	127	
Volyn	255824	175480	46246	19249	13311	1464	74	
Dnipropetrovsk	895825	710529	76020	60800	43051	5180	245	
Donetsk	787927	610086	80477	63252	29914	3984	214	
Zhytomyr	358692	241277	68800	24635	22024	1831	125	
Zakarpattya	256486	185894	38104	14106	14760	3560	62	
Zaporizhzhya	504566	395741	53524	28399	23359	3344	199	
Ivano-Frankivsk	336571	241418	60199	17460	14030	3364	100	
Kyiv	537727	403953	76247	27607	26519	3260	141	
Kirovohrad	257377	193592	30852	15801	14942	2090	100	
Luhansk	331975	268126	25040	23354	14028	1323	104	
Lviv	661275	465207	118113	42739	31924	3159	133	
Mykolayiv	294787	220932	34917	17817	19313	1695	113	
Odesa	569264	407564	85545	32115	39674	4150	216	
Poltava	413688	301846	61163	24563	23755	2222	139	
Rivne	283338	211046	41522	16276	12502	1935	57	
Sumy	315335	244182	32347	17088	19720	1880	118	
Ternopil	272456	204520	41358	13073	11794	1650	61	
Kharkiv	748252	571664	88123	38050	45227	4891	297	
Kherson	266113	210421	25691	13373	14703	1837	88	
Khmelnyskiy	390309	247190	95315	23280	22190	2241	93	
Cherkasy	398008	267740	92511	18343	16493	2788	133	
Chernivtsi	207570	153380	32188	9271	10866	1809	56	
Chernihiv	311675	227948	44071	18329	19433	1772	122	
<b>cities</b>								
Kyiv	747447	573802	73095	36046	59786	4205	513	
Sevastopol	...	...	...	...	...	...	...	

POPULATION AND MIGRATION

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

(thsd.)

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

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

(per 1000 present population)

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

POPULATION AND MIGRATION

<b>2.12. Number of live birth, deaths, natural increase (decrease) in population by region, 2021</b>			
<i>(persons)</i>			
	Number of live birth	Number of deaths	Natural increase (decrease)
<b>Ukraine</b>	<b>271983</b>	<b>714263</b>	<b>-442280</b>
Autonomous Republic of Crimea	...	...	...
<b>oblasts</b>			
Vinnnytsya	10529	27679	-17150
Volyn	9852	15493	-5641
Dnipropetrovsk	19508	64775	-45267
Donetsk	10134	45754	-35620
Zhytomyr	8544	23679	-15135
Zakarpattya	12631	18448	-5817
Zaporizhzhya	9571	35717	-26146
Ivano-Frankivsk	10545	20590	-10045
Kyiv	12632	36177	-23545
Kirovohrad	5533	19005	-13472
Luhansk	3356	18380	-15024
Lviv	19440	39890	-20450
Mykolayiv	7029	21388	-14359
Odesa	19280	42422	-23142
Poltava	8063	27598	-19535
Rivne	11691	17028	-5337
Sumy	5484	20863	-15379
Ternopil	7275	16841	-9566
Kharkiv	15482	55056	-39574
Kherson	7113	20149	-13036
Khmelnyskiy	8681	23506	-14825
Cherkasy	6825	22951	-16126
Chernivtsi	7836	14376	-6540
Chernihiv	5338	21275	-15937
<b>cities</b>			
Kyiv	29611	45223	-15612
Sevastopol	...	...	...

POPULATION AND MIGRATION

**2.13. Total rates for births, deaths, natural increase (decrease) in the population  
by region, 2021**

(per 1000 present population)

	Number of live birth	Number of deaths	Natural increase (decrease)
<b>Ukraine</b>	<b>7,3</b>	<b>18,5</b>	<b>-11,2</b>
Autonomous Republic of Crimea	...	...	...
<b>oblasts</b>			
Vinnnytsya	6,9	18,2	-11,3
Volyn	9,6	15,1	-5,5
Dnipropetrovsk	6,3	20,8	-14,5
Donetsk	...	...	...
Zhytomyr	7,2	19,9	-12,7
Zakarpattya	10,1	14,8	-4,7
Zaporizhzhya	5,8	21,6	-15,8
Ivano-Frankivsk	7,8	15,2	-7,4
Kyiv	7,0	20,2	-13,2
Kirovohrad	6,1	20,8	-14,7
Luhansk	...	...	...
Lviv	7,8	16,0	-8,2
Mykolayiv	6,4	19,4	-13,0
Odesa	8,2	18,0	-9,8
Poltava	5,9	20,3	-14,4
Rivne	10,2	14,9	-4,7
Sumy	5,2	20,0	-14,8
Ternopil	7,1	16,4	-9,3
Kharkiv	5,9	21,0	-15,1
Kherson	7,0	20,0	-13,0
Khmelnyskiy	7,0	19,0	-12,0
Cherkasy	5,8	19,6	-13,8
Chernivtsi	8,8	16,1	-7,3
Chernihiv	5,5	22,0	-16,5
<b>cities</b>			
Kyiv	10,0	15,3	-5,3
Sevastopol	...	...	...

POPULATION AND MIGRATION

**2.14. Live births by sex**

(persons)

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

**2.15. Birth rates by age**

(per 1000 women by relevant age group)

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



POPULATION AND MIGRATION

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

*(percent of total live births)*

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

**2.17. Crude birth rates**

*(live births per woman)*

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

POPULATION AND MIGRATION

**2.18. Population mortality, by major causes of death**

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

**2.19. Mortality rates of population, by age**

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

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

POPULATION AND MIGRATION

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

(persons)

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

POPULATION AND MIGRATION

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

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

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

POPULATION AND MIGRATION

**2.22. Life expectancy at birth by sex**

(years)

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

<sup>1</sup> The data are calculated over two related years

**2.23. Life expectancy by sex and age group in 2021**

(years)

	Both sexes	Male	Female
0	69,77	65,16	74,36
1	69,27	64,68	73,83
5	65,35	60,76	69,91
10	60,40	55,81	64,95
15	55,46	50,88	60,01
20	50,61	46,07	55,10
25	45,81	41,34	50,22
30	41,07	36,69	45,36
35	36,51	32,27	40,59
40	32,11	28,06	35,93
45	27,93	24,11	31,42
50	23,93	20,39	27,04
55	20,11	16,87	22,80
60	16,53	13,66	18,74
65	13,30	10,86	15,01
70	10,43	8,46	11,64
75	8,03	6,56	8,79
80	5,94	5,06	6,32
85	4,41	4,10	4,54

POPULATION AND MIGRATION

**2.24. Marriages and dissolved marriages**

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

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

**2.25. Marriages and dissolved marriages in 2021, by region**

	Registered marriages		Dissolved of marriages	
	units	per 1000 present population	units	per 1000 present population
<b>Ukraine</b>	<b>214013</b>	<b>5,8</b>	<b>121381</b>	<b>3,2</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnitsya	8061	5,3	4984	3,3
Volyn	5529	5,4	2615	2,6
Dnipropetrovsk	18577	6,0	11621	3,7
Donetsk	8302	...	5984	...
Zhytomyr	6067	5,1	3825	3,2
Zakarpattya	6560	5,3	2778	2,2
Zaporizhzhya	8977	5,4	5664	3,4
Ivano-Frankivsk	7094	5,2	3908	2,9
Kyiv	11145	6,2	6861	3,8
Kirovohrad	4075	4,5	2903	3,2
Luhansk	2789	...	2063	...
Lviv	13706	5,5	6081	2,4
Mykolayiv	5942	5,4	3775	3,4
Odesa	15910	6,7	8386	3,6
Poltava	7006	5,1	4526	3,3
Rivne	6253	5,5	3016	2,6
Sumy	4883	4,7	3099	3,0
Ternopil	5204	5,1	2740	2,7
Kharkiv	15458	5,9	9450	3,6
Kherson	5393	5,3	3232	3,2
Khmelnyskiy	6131	5,0	4021	3,3
Cherkasy	6195	5,3	3744	3,2
Chernivtsi	4944	5,5	2518	2,8
Chernihiv	4511	4,7	3007	3,1
<b>cities</b>				
Kyiv	25301	8,6	10580	3,6
Sevastopol	...	...	...	...

POPULATION AND MIGRATION

**2.26. Number of registered marriages by pre-marital status of couple**

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

**2.27. Population migration in 2021, by region**

(persons)

	All flows of migration			Including inter-state migration		
	total immigrants	total emigrants	migration increase (decrease)	total immigrants	total emigrants	migration increase (decrease)
<b>Ukraine</b>	<b>476925</b>	<b>455664</b>	<b>21261</b>	<b>41724</b>	<b>22587</b>	<b>19137</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnnytsya	16268	18726	-2458	480	388	92
Volyn	11487	11887	-400	170	230	-60
Dnipropetrovsk	30109	30392	-283	2350	949	1401
Donetsk	15119	20407	-5288	616	598	18
Zhytomyr	16620	17948	-1328	454	176	278
Zakarpattya	6700	6536	164	918	559	359
Zaporizhzhya	13302	15209	-1907	1006	661	345
Ivano-Frankivsk	14499	13741	758	667	485	182
Kyiv	57336	27242	30094	3358	549	2809
Kirovohrad	9238	12182	-2944	125	161	-36
Luhansk	5722	9099	-3377	313	270	43
Lviv	27940	27107	833	1031	767	264
Mykolayiv	9800	12014	-2214	493	527	-34
Odesa	30819	24392	6427	2660	420	2240
Poltava	20296	20007	289	1803	994	809
Rivne	15656	16991	-1335	330	459	-129
Sumy	12809	15110	-2301	560	592	-32
Ternopil	12773	12056	717	1335	290	1045
Kharkiv	42521	37820	4701	7090	5274	1816
Kherson	8729	10802	-2073	97	176	-79
Khmelnyskiy	16717	16850	-133	674	202	472
Cherkasy	14531	15927	-1396	479	279	200
Chernivtsi	7713	7282	431	1463	462	1001
Chernihiv	11073	12522	-1449	105	112	-7
<b>cities</b>						
Kyiv	49148	43415	5733	13147	7007	6140
Sevastopol	...	...	...	...	...	...

**For reference:** all flows of migration include intra-regional, inter-regional and inter-state migration.

### 3. LABOUR MARKET

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

In order to ensure a comparison of the indicators in the dynamics in tables 3.1–3.12, the information is given according to the results of the labour force survey of persons aged 15–70.

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

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

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

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

not work during the reference period for certain reasons.

The total number of the employed population by type of economic activity (Table 3.4) is distributed in line with *the Classification of Types of Economic Activity* (State Classifier 009:2010) based on the comprehensive assessment by integrating data from labour force survey, the state statistical observations over enterprises and administrative reporting.

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

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

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

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



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

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

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

The indicators from Tables 3.13–3.26 are defined on the basis of data from the state statistical observations that cover legal persons and separate units of legal persons (hereinafter enterprises) that make use of wage labour. Since 2010, to produce the population of units for these observations, the following methodological principles are applied: large and medium-sized enterprises with the average number of employees (including temporary ones) of 50 and more are subject to complete enumeration while enterprises with the number of employees from 10 to 49 persons are covered by sample method (sample).

In Tables 3.13, 3.15, 3.23, 3.25 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.

In graph 3.22, data for 2019–2020 are provided for legal persons and separate units of legal persons with the number of persons employed equaling 10 and more persons; since 2021 – compiled by legal persons with

the number of persons employed equaling 10 and more persons according to data from the register of insured persons of the State Register of Compulsory State Social Insurance.

**Average registered number of regular employees** covers the persons who are in labour relationship with the enterprise and receive wages except those temporarily absent from work, for whom the working place is kept (on maternity leave or additional holiday on child care upon achievement of the age stipulated by legislation, and those who do call-up military service) as well as those working according to civil and legal treaties. It is averaged over a period:

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

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

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

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

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

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

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

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

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

Nominal wages do not include the following:

- cash security for professional servicemen, and soldiers and officer personnel;
- payments from social insurance funds for temporary disability;
- payment for the first five days of temporary disability of employer funds;

sum of employer contribution to the compulsory state social insurance.

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

In Tables 3.20, 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.

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

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

LABOUR MARKET

**3.1. Population, by participation status in the labour force**

(aged 15–70; thsd.)

	2005	2010	2015	2017	2018	2019	2020	2021
<b>Labour force</b>	<b>22280,8</b>	<b>22051,6</b>	<b>18097,9</b>	<b>17854,4</b>	<b>17939,5</b>	<b>18066,0</b>	<b>17589,5</b>	<b>17321,6</b>
working age	20481,7	20220,7	17396,0	17193,2	17296,2	17381,8	16917,8	16666,8
older than working age	1799,1	1830,9	701,9	661,2	643,3	684,2	671,7	654,8
<b>Employed</b>	<b>20680,0</b>	<b>20266,0</b>	<b>16443,2</b>	<b>16156,4</b>	<b>16360,9</b>	<b>16578,3</b>	<b>15915,3</b>	<b>15610,0</b>
working age	18886,5	18436,5	15742,0	15495,9	15718,6	15894,9	15244,5	14957,3
older than working age	1793,5	1829,5	701,2	660,5	642,3	683,4	670,8	652,7
<b>Unemployed</b>	<b>1600,8</b>	<b>1785,6</b>	<b>1654,7</b>	<b>1698,0</b>	<b>1578,6</b>	<b>1487,7</b>	<b>1674,2</b>	<b>1711,6</b>
working age	1595,2	1784,2	1654,0	1697,3	1577,6	1486,9	1673,3	1709,5
older than working age	5,6	1,4	0,7	0,7	1,0	0,8	0,9	2,1
<b>Persons who are not part of the labour force</b>	<b>13559,7</b>	<b>12575,5</b>	<b>10925,5</b>	<b>10945,0</b>	<b>10724,8</b>	<b>10430,5</b>	<b>10724,8</b>	<b>10718,3</b>
working age	8410,3	7878,0	6920,6	6845,8	6486,4	6114,7	6312,6	6254,9
older than working age	5149,4	4697,5	4004,9	4099,2	4238,4	4315,8	4412,2	4463,4

**3.2. Population in 2021 by participation status in the labour force, sex and place of residence**

(aged 15–70; thsd.)

	Total	Of which			
		females	males	urban population	rural population
<b>Labour force</b>	<b>17321,6</b>	<b>8248,2</b>	<b>9073,4</b>	<b>11906,7</b>	<b>5414,9</b>
working age	16666,8	7911,6	8755,2	11483,3	5183,5
older than working age	654,8	336,6	318,2	423,4	231,4
<b>Employed</b>	<b>15610,0</b>	<b>7406,6</b>	<b>8203,4</b>	<b>10774,5</b>	<b>4835,5</b>
working age	14957,3	7070,7	7886,6	10352,3	4605,0
older than working age	652,7	335,9	316,8	422,2	230,5
<b>Unemployed</b>	<b>1711,6</b>	<b>841,6</b>	<b>870,0</b>	<b>1132,2</b>	<b>579,4</b>
working age	1709,5	840,9	868,6	1131,0	578,5
older than working age	2,1	0,7	1,4	1,2	0,9
<b>Persons who are not part of the labour force</b>	<b>10718,3</b>	<b>6459,7</b>	<b>4258,6</b>	<b>7106,9</b>	<b>3611,4</b>
working age	6254,9	3735,1	2519,8	4013,4	2241,5
older than working age	4463,4	2724,6	1738,8	3093,5	1369,9

LABOUR MARKET

**3.3. Labour force, by region**

(aged 15–70)

	2005		2010		2015		2021	
	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70
<b>Ukraine</b>	<b>22280,8</b>	<b>62,2</b>	<b>22051,6</b>	<b>63,7</b>	<b>18097,9</b>	<b>62,4</b>	<b>17321,6</b>	<b>61,8</b>
Autonomous Republic of Crimea	958,7	62,2	964,7	64,5	...	...	...	...
<b>oblasts</b>								
Vinnnytsya	775,4	61,8	771,2	63,9	741,2	63,4	698,1	62,5
Volyn	471,8	63,1	474,1	63,6	440,4	58,8	412,6	55,5
Dnipropetrovsk	1665,7	61,8	1659,6	64,9	1594,9	65,6	1478,0	63,5
Donetsk	2265,1	62,6	2166,6	63,7	877,7	58,3	824,9	57,8
Zhytomyr	632,5	64,2	621,1	65,9	571,2	62,5	540,4	61,7
Zakarpattya	592,3	64,5	582,2	63,1	571,8	61,9	544,1	59,5
Zaporizhzhya	908,3	62,4	892,6	64,3	825,5	62,5	780,7	62,7
Ivano-Frankivsk	572,8	56,5	577,8	57,0	609,5	59,8	594,5	58,9
Kyiv	846,9	62,8	817,6	63,2	790,6	62,0	802,7	61,2
Kirovohrad	501,5	61,9	473,5	62,4	436,6	60,9	406,5	60,6
Luhansk	1143,2	60,1	1094,1	61,6	362,7	64,7	331,5	66,4
Lviv	1167,0	61,2	1190,0	62,9	1134,7	60,5	1114,4	60,4
Mykolayiv	595,0	63,2	586,1	64,5	558,2	64,0	526,0	63,6
Odesa	1086,4	58,7	1112,5	61,3	1086,3	61,2	1056,2	61,0
Poltava	744,5	62,9	714,0	63,4	664,3	61,7	628,6	61,7
Rivne	511,1	61,2	532,0	64,0	541,4	65,0	503,8	60,9
Sumy	591,2	63,0	556,2	62,7	523,3	61,8	493,9	62,0
Ternopil	467,4	57,9	482,1	60,6	460,3	58,5	442,1	57,7
Kharkiv	1388,8	62,5	1365,2	63,9	1324,2	63,8	1266,1	63,6
Kherson	548,9	63,1	534,9	64,4	496,6	62,5	480,8	63,7
Khmelnyskiy	641,9	63,4	635,5	64,7	557,1	58,6	549,0	60,2
Cherkasy	641,6	63,2	627,3	64,9	580,2	62,6	543,9	62,3
Chernivtsi	401,2	60,4	418,0	62,7	404,9	60,5	406,0	61,3
Chernihiv	562,3	64,9	536,2	66,2	483,9	62,9	454,8	63,3
<b>cities</b>								
Kyiv	1412,6	66,2	1473,7	67,5	1460,4	66,7	1442,0	66,3
Sevastopol	186,7	62,7	192,8	66,0	...	...	...	...

LABOUR MARKET

**3.4. Number of employment, by type of economic activity**

(thsd.)

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

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

LABOUR MARKET

**3.5. Employment, by region**

(aged 15–70)

	2005		2010		2015		2021	
	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70
<b>Ukraine</b>	<b>20680,0</b>	<b>57,7</b>	<b>20266,0</b>	<b>58,5</b>	<b>16443,2</b>	<b>56,7</b>	<b>15610,0</b>	<b>55,7</b>
Autonomous Republic of Crimea	906,1	58,7	904,5	60,5	...	...	...	...
<b>oblasts</b>								
Vinnitsya	723,0	57,6	694,3	57,5	674,9	57,7	621,0	55,6
Volyn	429,9	57,5	433,6	58,2	397,3	53,1	360,2	48,5
Dnipropetrovsk	1573,8	58,4	1541,9	60,3	1479,6	60,9	1347,0	57,9
Donetsk	2124,9	58,7	1983,7	58,3	756,3	50,3	697,9	48,9
Zhytomyr	570,6	57,9	560,3	59,5	506,6	55,5	479,7	54,8
Zakarpattya	551,0	60,0	531,8	57,7	519,3	56,2	483,5	52,8
Zaporizhzhya	846,0	58,2	825,7	59,5	745,1	56,4	694,4	55,8
Ivano-Frankivsk	522,5	51,6	530,3	52,3	558,3	54,8	543,0	53,8
Kyiv	791,0	58,6	757,9	58,6	739,9	58,1	745,2	56,8
Kirovohrad	457,5	56,5	431,2	56,9	386,8	54,0	352,9	52,6
Luhansk	1054,4	55,4	1015,4	57,1	306,3	54,6	278,5	55,7
Lviv	1064,6	55,8	1096,7	58,0	1042,0	55,5	1028,7	55,8
Mykolayiv	539,8	57,3	536,7	59,1	508,7	58,4	466,5	56,4
Odesa	1028,1	55,6	1044,5	57,5	1016,2	57,3	979,6	56,5
Poltava	690,3	58,3	644,8	57,3	583,6	54,2	550,5	54,0
Rivne	461,6	55,2	471,2	56,7	487,7	58,5	455,2	55,0
Sumy	546,0	58,1	497,0	56,0	470,5	55,6	444,1	55,8
Ternopil	425,1	52,6	431,3	54,2	406,2	51,6	389,3	50,8
Kharkiv	1297,2	58,4	1267,3	59,3	1230,8	59,3	1181,1	59,3
Kherson	499,9	57,5	488,8	58,9	445,8	56,1	424,3	56,3
Khmelnyskiy	586,0	57,9	580,6	59,1	500,5	52,6	492,4	54,0
Cherkasy	578,7	57,0	564,9	58,4	523,5	56,5	489,1	56,0
Chernivtsi	361,7	54,5	382,4	57,4	367,2	54,9	368,1	55,6
Chernihiv	517,9	59,8	480,1	59,2	432,3	56,2	398,6	55,5
<b>cities</b>								
Kyiv	1352,0	63,3	1387,8	63,6	1357,8	62,0	1339,2	61,6
Sevastopol	180,4	60,6	181,3	62,0	...	...	...	...

LABOUR MARKET

**3.6. ILO unemployment, by region**

(aged 15–70)

	2005		2010		2015		2021	
	thsd.	percentage of labour force aged 15–70	thsd.	percentage of labour force aged 15–70	thsd.	percentage of labour force aged 15–70	thsd.	percentage of labour force aged 15–70
<b>Ukraine</b>	<b>1600,8</b>	<b>7,2</b>	<b>1785,6</b>	<b>8,1</b>	<b>1654,7</b>	<b>9,1</b>	<b>1711,6</b>	<b>9,9</b>
Autonomous Republic of Crimea	52,6	5,5	60,2	6,2	...	...	...	...
<b>oblasts</b>								
Vinnycya	52,4	6,8	76,9	10,0	66,3	8,9	77,1	11,0
Volyn	41,9	8,9	40,5	8,5	43,1	9,8	52,4	12,7
Dnipropetrovsk	91,9	5,5	117,7	7,1	115,3	7,2	131,0	8,9
Donetsk	140,2	6,2	182,9	8,4	121,4	13,8	127,0	15,4
Zhytomyr	61,9	9,8	60,8	9,8	64,6	11,3	60,7	11,2
Zakarpattya	41,3	7,0	50,4	8,7	52,5	9,2	60,6	11,1
Zaporizhzhya	62,3	6,9	66,9	7,5	80,4	9,7	86,3	11,1
Ivano-Frankivsk	50,3	8,8	47,5	8,2	51,2	8,4	51,5	8,7
Kyiv	55,9	6,6	59,7	7,3	50,7	6,4	57,5	7,2
Kirovohrad	44,0	8,8	42,3	8,9	49,8	11,4	53,6	13,2
Luhansk	88,8	7,8	78,7	7,2	56,4	15,6	53,0	16,0
Lviv	102,4	8,8	93,3	7,8	92,7	8,2	85,7	7,7
Mykolayiv	55,2	9,3	49,4	8,4	49,5	8,9	59,5	11,3
Odesa	58,3	5,4	68,0	6,1	70,1	6,5	76,6	7,3
Poltava	54,2	7,3	69,2	9,7	80,7	12,1	78,1	12,4
Rivne	49,5	9,7	60,8	11,4	53,7	9,9	48,6	9,6
Sumy	45,2	7,6	59,2	10,6	52,8	10,1	49,8	10,1
Ternopil	42,3	9,1	50,8	10,5	54,1	11,8	52,8	11,9
Kharkiv	91,6	6,6	97,9	7,2	93,4	7,1	85,0	6,7
Kherson	49,0	8,9	46,1	8,6	50,8	10,2	56,5	11,8
Khmelnyskiy	55,9	8,7	54,9	8,6	56,6	10,2	56,6	10,3
Cherkasy	62,9	9,8	62,4	9,9	56,7	9,8	54,8	10,1
Chernivtsi	39,5	9,8	35,6	8,5	37,7	9,3	37,9	9,3
Chernihiv	44,4	7,9	56,1	10,5	51,6	10,7	56,2	12,4
<b>cities</b>								
Kyiv	60,6	4,3	85,9	5,8	102,6	7,0	102,8	7,1
Sevastopol	6,3	3,4	11,5	6,0	...	...	...	...

LABOUR MARKET

**3.7. Labour force in 2021, by sex and age group**

	Total aged, thsd.		Share of age groups, percent							
	15 and older	of which 15-70	15-24	25-29	30-34	35-39	40-49	50-59	60-70	71 and older
<b>Labour force</b>	<b>17405,0</b>	<b>17321,6</b>	<b>6,5</b>	<b>10,6</b>	<b>14,1</b>	<b>15,3</b>	<b>27,1</b>	<b>22,1</b>	<b>3,8</b>	<b>0,5</b>
females	8293,0	8248,2	6,1	9,0	12,7	14,6	28,4	24,6	4,1	0,5
males	9112,0	9073,4	6,9	12,0	15,4	16,0	26,0	19,8	3,5	0,4
<b>employed</b>	<b>15693,4</b>	<b>15610,0</b>	<b>5,8</b>	<b>10,6</b>	<b>14,4</b>	<b>15,2</b>	<b>27,1</b>	<b>22,2</b>	<b>4,2</b>	<b>0,5</b>
females	7451,4	7406,6	5,4	9,2	12,9	14,2	28,4	24,8	4,5	0,6
males	8242,0	8203,4	6,2	11,9	15,7	16,0	26,0	19,9	3,8	0,5
<b>unemployed</b>	<b>1711,6</b>	<b>1711,6</b>	<b>12,6</b>	<b>10,1</b>	<b>12,1</b>	<b>16,6</b>	<b>27,2</b>	<b>21,3</b>	<b>0,1</b>	<b>—</b>
females	841,6	841,6	12,2	7,3	11,7	17,3	28,2	23,2	0,1	—
males	870,0	870,0	13,0	12,8	12,6	15,9	26,0	19,5	0,2	—

**3.8. Employment rate in 2021, by sex, place of residence and age group**

*(percent of the total population in the respective age group)*

	Total aged		By age groups							
	15 and older	15-70	15-24	25-29	30-34	35-39	40-49	50-59	60-70	71 and older
<b>Total population</b>	<b>49,3</b>	<b>55,7</b>	<b>24,8</b>	<b>70,4</b>	<b>74,0</b>	<b>75,0</b>	<b>76,8</b>	<b>68,3</b>	<b>12,8</b>	<b>2,2</b>
females	42,9	50,4	22,4	59,8	63,9	67,2	74,2	66,5	11,0	1,7
males	56,9	61,5	27,1	80,5	83,7	82,7	79,5	70,3	15,4	3,3
urban population	50,5	56,7	22,7	73,8	75,5	75,8	78,7	69,7	12,0	1,7
rural population	46,7	53,6	28,7	64,4	70,9	72,7	72,5	65,5	14,4	2,9

**3.9. ILO unemployment rate in 2021, by sex, place of residence and age group**

*(percentage of labour force in the respective age group)*

	Total aged		By age groups							
	15 and older	15-70	15-24	25-29	30-34	35-39	40-49	50-59	60-70	71 and older
<b>Total population</b>	<b>9,8</b>	<b>9,9</b>	<b>19,1</b>	<b>9,4</b>	<b>8,4</b>	<b>10,7</b>	<b>9,8</b>	<b>9,5</b>	<b>0,3</b>	<b>—</b>
females	10,1	10,2	20,3	8,2	9,3	12,1	10,1	9,6	0,2	—
males	9,5	9,6	18,0	10,2	7,8	9,5	9,6	9,4	0,4	—
urban population	9,5	9,5	19,7	8,1	8,7	11,0	9,3	8,7	0,3	—
rural population	10,6	10,7	18,1	11,8	7,8	9,8	11,2	11,1	0,4	—



LABOUR MARKET

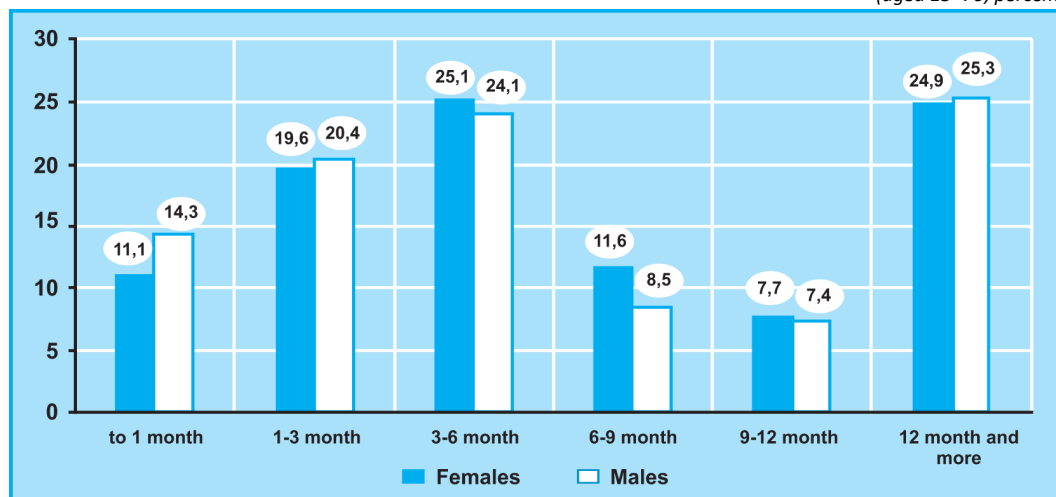
**3.10. ILO unemployed, by duration of job search**

(aged 15–70)

	2005	2010	2015	2017	2018	2019	2020	2021
<b>Total unemployed, thsd.</b>	<b>1600,8</b>	<b>1785,6</b>	<b>1654,7</b>	<b>1698,0</b>	<b>1578,6</b>	<b>1487,7</b>	<b>1674,2</b>	<b>1711,6</b>
of which those who sought a job or tried to establish own business	1523,5	1711,8	1617,4	1662,5	1546,0	1441,7	1625,7	1667,7
of which, by duration of job search, percent								
under 1 month	9,7	9,8	10,5	12,0	11,7	17,4	12,6	12,7
from 1 to 3 months	23,4	24,3	23,3	26,1	28,8	22,2	22,0	20,0
from 3 to 6 months	20,4	21,8	23,9	19,3	22,8	28,9	27,3	24,6
from 6 to 9 months	10,7	11,3	11,0	9,5	9,0	11,2	10,6	10,1
from 9 to 12 months	6,0	9,2	7,3	6,4	6,1	7,2	6,3	7,5
12 months and longer	29,8	23,6	24,0	26,7	21,6	13,1	21,2	25,1
<i>Average duration of job search, months</i>	7	7	7	7	6	5	6	7

**3.11. ILO unemployed in 2021 by duration of job search by sex**

(aged 15–70; percent)



LABOUR MARKET

**3.12. ILO unemployed, by cause of unemployment**

(aged 15–70)

	2005	2010	2015	2017	2018	2019	2020	2021
<b>Total unemployed, thsd.</b>	<b>1600,8</b>	<b>1785,6</b>	<b>1654,7</b>	<b>1698,0</b>	<b>1578,6</b>	<b>1487,7</b>	<b>1674,2</b>	<b>1711,6</b>
By cause of unemployment, percent								
layoffs due to business reasons	26,5	32,7	27,8	23,2	20,7	21,5	22,9	27,1
dismissed due to one's own will as agreed by parties	32,8	26,8	28,9	34,5	38,0	39,6	34,1	32,4
dismissed due to the end of the contract or labour agreement	7,8	10,4	7,5	8,2	9,5	8,9	9,7	9,6
not placed in a job after graduation from educational institutions	15,3	16,0	16,4	12,2	9,8	9,4	9,3	10,2
seasonal job	4,7	6,3	9,9	10,1	9,4	9,6	10,2	9,4
not employed due to fulfilment of household (family) responsibilities, etc	2,3	2,3	3,7	4,9	4,7	3,3	2,9	4,1
layoffs caused by state of health, old-age pension	1,7	0,9	0,9	2,0	1,1	3,4	3,0	2,4
demobilised after term military service	1,5	1,3	0,3	0,7	0,9	0,8	0,5	0,6
other causes	7,4	3,3	4,6	4,2	5,9	3,5	7,4	4,2

LABOUR MARKET

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

(thsd.)

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

LABOUR MARKET

**3.14. Average annual number of regular employees, by region**

(thsd.)

	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>11388</b>	<b>10758</b>	<b>8065</b>	<b>7679</b>	<b>7662</b>	<b>7443</b>	<b>7345</b>	<b>7096</b>
Autonomous Republic of Crimea	408	411	...	...	...	...	...	...
<b>oblasts</b>								
Vinnitsya	377	330	282	269	266	257	248	225
Volyn	222	200	171	172	170	161	160	148
Dnipropetrovsk	1017	930	810	783	775	750	731	709
Donetsk	1290	1156	472	412	382	360	353	341
Zhytomyr	303	255	220	208	207	205	203	197
Zakarpattia	205	201	172	165	162	152	149	129
Zaporizhzhya	499	466	384	365	367	351	340	332
Ivano-Frankivsk	241	225	200	192	191	186	183	183
Kyiv	391	383	344	344	354	344	343	340
Kirovohrad	237	210	180	175	176	168	165	158
Luhansk	604	547	173	129	112	102	105	97
Lviv	581	555	483	467	474	472	471	447
Mykolayiv	288	243	207	195	193	186	182	177
Odesa	536	533	438	425	422	412	402	381
Poltava	417	368	328	305	301	293	288	262
Rivne	242	214	188	177	175	170	168	150
Sumy	308	258	219	206	202	193	188	182
Ternopil	206	183	158	149	147	141	143	132
Kharkiv	709	664	576	555	562	546	543	529
Kherson	231	202	173	161	158	148	147	138
Khmelnyskiy	298	251	220	204	204	200	195	190
Cherkasy	308	272	225	222	217	208	206	199
Chernivtsi	150	140	117	114	115	110	106	99
Chernihiv	278	237	194	185	184	176	172	169
<b>cities</b>								
Kyiv	965	1238	1132	1102	1149	1152	1158	1182
Sevastopol	77	86	...	...	...	...	...	...

LABOUR MARKET

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

(thsd.)

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

LABOUR MARKET

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

*(percent of averaged payroll staff)*

	Recruited				Dismissed			
	2018	2019	2020	2021	2018	2019	2020	2021
<b>Total</b>	<b>29,2</b>	<b>28,2</b>	<b>24,9</b>	<b>28,7</b>	<b>31,6</b>	<b>32,7</b>	<b>29,3</b>	<b>30,8</b>
Agriculture, forestry and fishing	50,3	47,1	43,3	44,7	51,4	54,6	47,3	44,4
including Agriculture	53,9	50,8	46,3	47,2	55,1	58,1	50,1	46,3
Industry	28,6	27,0	22,8	25,0	31,2	31,6	27,7	28,5
Construction	46,8	46,0	44,1	45,4	46,9	51,7	48,6	44,1
Wholesale and retail trade; repair of motor vehicles and motorcycles	52,8	50,1	42,4	45,6	52,4	53,1	47,1	47,9
Transportation and storage, postal and courier activities	27,7	28,4	27,6	25,2	30,6	33,2	29,3	31,5
Transportation	27,5	32,4	25,7	24,4	30,8	36,9	31,1	30,1
Warehousing and support activities for transportation	24,1	22,7	27,8	24,1	25,6	27,8	26,1	30,5
Postal and courier activities	43,2	38,2	34,1	33,7	50,7	43,1	36,6	42,2
Accommodation and food service activities	72,5	69,8	53,7	74,0	74,3	77,3	76,5	66,3
Information and communication	31,3	31,2	22,5	29,2	37,3	39,1	31,9	33,9
Financial and insurance activities	37,2	34,3	25,2	35,5	39,4	36,4	27,9	40,4
Real estate activities	31,2	29,6	23,9	23,2	34,6	35,5	30,9	29,1
Professional, scientific and technical activities	23,3	21,6	19,4	20,3	27,9	25,0	23,9	23,3
of which Scientific research and development	12,3	12,7	12,0	12,9	15,3	15,7	15,2	17,0
Administrative and support service activities	45,2	44,4	40,6	40,1	51,5	52,7	50,1	46,5
Public administration and defence, compulsory social security	21,2	20,4	18,2	28,1	20,9	28,4	23,1	30,2
Education	16,7	15,2	14,3	21,2	19,3	17,4	15,9	17,9
Human health and social work activities	15,3	15,3	15,1	16,4	19,7	19,5	21,4	21,2
of which Human health services	14,9	15,0	15,2	15,8	19,5	19,3	21,6	21,0
Arts, entertainment and recreation	21,1	20,1	17,5	27,7	22,8	22,3	19,2	23,3
of which								
Creative, arts and entertainment activities	21,0	19,9	16,9	30,5	22,3	21,1	18,3	23,2
Libraries, archives, museums and other cultural activities	15,0	14,4	13,3	21,5	17,7	16,8	13,4	19,0
Other services	27,9	25,7	22,3	24,4	28,9	35,6	27,5	26,9

LABOUR MARKET

**3.17. Use of employees' working hours in 2021, by type of economic activity**

	Per one regular employee, h			
	working hours		not fulfilled by reasons of	
	total	percent of the time-book working time fund	holidays without wage (ad interim stopping work)	due to economic reasons transferred to part-time job (week)
<b>Total</b>	<b>1676</b>	<b>84,1</b>	<b>2</b>	<b>7</b>
Agriculture, forestry and fishing	1794	90,0	1	3
of which Agriculture	1806	90,6	1	3
Industry	1694	85,0	3	16
Construction	1733	86,9	5	7
Wholesale and retail trade; repair of motor vehicles and motorcycles	1738	87,2	2	2
Transportation and storage, postal and courier activities	1668	83,7	4	14
Transportation	1690	84,8	7	10
Warehousing and support activities for transportation	1686	84,6	1	20
Postal and courier activities	1498	75,1	0	0
Accommodation and food service activities	1524	76,4	7	4
Information and communication	1731	86,8	5	4
Financial and insurance activities	1736	87,1	0	0
Real estate activities	1703	85,4	10	7
Professional, scientific and technical activities	1674	84,0	2	22
of which Scientific research and development	1620	81,2	2	36
Administrative and support service activities	1766	88,6	1	2
Public administration and defence, compulsory social security	1724	86,5	0	0
Education	1497	75,1	0	0
Human health and social work activities	1720	86,3	0	1
of which Human health services	1726	86,6	0	1
Arts, entertainment and recreation	1592	79,8	1	1
of which				
Creative, arts and entertainment activities	1553	77,9	0	0
Libraries, archives, museums and other cultural activities	1644	82,4	1	2
Other services	1684	84,5	1	9

LABOUR MARKET

**3.18. Use of employees' working hours in 2021, by type of economic activity in industry**

	Per one regular employee, h			
	working hours		not fulfilled by reasons of	
	total	percent of the time-book working time fund	holidays without wage (ad interim stopping work)	due to economic reasons transferred to part-time job (week)
<b>Industry</b>	<b>1694</b>	<b>85,0</b>	<b>3</b>	<b>16</b>
Mining and quarrying	1590	79,7	2	5
of which				
Mining of coal and lignite	1382	69,3	3	2
Manufacturing	1689	84,7	4	21
Manufacture of food products, beverages and tobacco products	1734	87,0	2	10
Manufacture of textiles, apparel, leather and related products	1579	79,2	17	10
Manufacture of wood and paper products, and printing	1732	86,9	5	6
Manufacture of coke, and refined petroleum products	1770	88,8	0	1
Manufacture of chemicals and chemical products	1701	85,3	3	24
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1734	87,0	0	7
Manufacture of rubber and plastics products, and other non-metallic mineral products	1716	86,1	3	11
Manufacture of basic metals and fabricated metal products, except machinery and equipment	1711	85,8	3	10
Manufacture of computer, electronic and optical products	1663	83,4	2	45
Manufacture of electrical equipment	1574	78,9	3	65
Manufacture of machinery and equipment n.e.c.	1685	84,5	9	33
Manufacture of transport equipment, trailers and semi-trailers and other	1582	79,3	3	67
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	1688	84,7	6	13
Electricity, gas, steam and air-conditioning supply	1746	87,6	1	7
Water supply, sewerage, waste management and remediation	1780	89,3	0	4



LABOUR MARKET

**3.19. Collective agreements concluded, by type of economic activity**

(of December 31, 2021)

	Total collective agreements concluded and registered, units	Employees covered by agreements	
		thsd.	percentage of total payroll staff
<b>Total</b>	<b>43154</b>	<b>5064,4</b>	<b>70,2</b>
Agriculture, forestry and fishing	3160	235,3	63,2
of which Agriculture	2635	187,1	58,4
Industry	5005	1360,0	76,4
Construction	814	81,7	37,3
Wholesale and retail trade; repair of motor vehicles and motorcycles	1617	300,3	35,7
Transportation and storage, postal and courier activities	1420	469,8	77,3
Transportation	606	247,9	93,1
Warehousing and support activities for transportation	756	164,6	59,0
Postal and courier activities	58	57,3	90,7
Accommodation and food service activities	220	17,1	24,6
Information and communication	423	50,0	47,1
Financial and insurance activities	212	91,5	50,0
Real estate activities	773	27,9	39,1
Professional, scientific and technical activities	1390	126,4	61,0
of which Scientific research and development	418	65,1	86,5
Administrative and support service activities	930	86,2	48,3
Public administration and defence, compulsory social security	3927	312,1	76,3
Education	17343	1077,7	89,5
Human health and social work activities	3766	728,8	88,9
of which Human health services	2891	666,4	89,7
Arts, entertainment and recreation	1880	90,2	74,0
of which			
Creative, arts and entertainment activities	1056	52,0	78,1
Libraries, archives, museums and other cultural activities	567	27,9	79,8
Other services	274	9,4	38,1

LABOUR MARKET

**3.20. 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	—	—

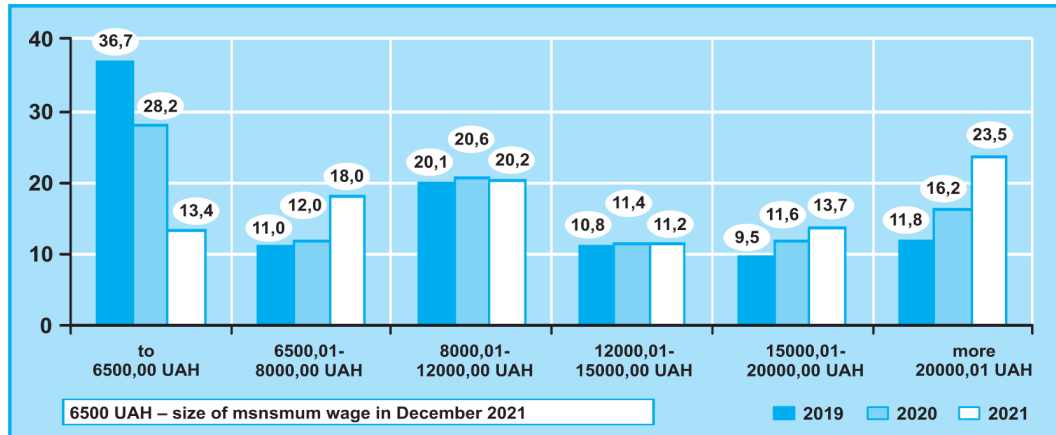
**3.21. Average monthly nominal and real wages of regular employees**

	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
<b>2021</b>	<b>14014</b>	<b>120,9</b>	<b>110,5</b>
By month			
January	12337	115,0	108,3
February	12549	115,7	107,6
March	13612	118,9	109,5
April	13543	129,8	119,7
May	13499	128,1	116,8
June	14313	123,6	112,9
July	14345	121,5	110,2
August	13997	122,3	110,9
September	14239	115,4	106,9
October	14045	115,4	104,0
November	14282	119,2	108,0
December	17453	123,1	111,9

LABOUR MARKET

3.22. Distribution of regular employees in December of 2019–2021, by nominal wages

(percent)



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

(UAH)

	2010	2015	2017	2018	2019	2020	2021	
							UAH	percent of 2020
<b>Total</b>	<b>2239</b>	<b>4195</b>	<b>7104</b>	<b>8865</b>	<b>10497</b>	<b>11591</b>	<b>14014</b>	<b>120,9</b>
Agriculture, forestry and fishing	1472	3309	6057	7557	8856	9757	12287	125,9
of which Agriculture	1430	3140	5761	7166	8738	9734	11733	120,5
Industry	2570	4789	7631	9633	11788	12759	14902	116,8
Construction	1758	3551	6251	7845	9356	9832	11289	114,8
Wholesale and retail trade; repair of motor vehicles and motorcycles	1877	4692	7631	9404	10795	11286	13488	119,5
Transportation and storage, postal and courier activities	2658	4653	7688	9860	11704	11951	13837	115,8
Transportation	2555	4556	7883	10010	11754	11923	14007	117,5
Warehousing and support activities for transportation	2993	5358	8485	10884	12954	13137	14961	113,9
Postal and courier activities	1523	2180	3851	5044	5993	6838	8214	120,1
Accommodation and food service activities	1455	2786	4988	5875	6730	6026	8543	141,8
Information and communication	3161	7111	12018	14276	17543	19888	25530	128,4
Financial and insurance activities	4638	8603	12865	16161	19132	20379	23975	117,6
Real estate activities	1856	3659	5947	7329	8626	8981	11142	124,0
Professional, scientific and technical activities	2869	6736	10039	12144	14550	16613	19369	116,6
of which Scientific research and development	2874	4972	8212	10259	11649	12882	15179	117,8
Administrative and support service activities	1839	3114	5578	7228	8700	9878	11186	113,2
Public administration and defence, compulsory social security	2722	4381	9372	12698	14785	16443	19048	115,8
Education	1905	3132	5857	7041	8135	9271	11817	127,5
Human health and social work activities	1628	2829	4977	5853	7020	8848	11616	131,3
of which Human health services	1637	2853	5023	5898	7087	8995	11825	131,5
Arts, entertainment and recreation	1928	4134	6608	7612	8659	9624	12508	130,0
of which								
Creative, arts and entertainment activities	1883	3150	5774	6801	7834	8564	11315	132,1
Libraries, archives, museums and other cultural activities	1911	3049	5464	6381	7519	8024	10462	130,4
Other services	1717	3634	6536	8132	9096	11998	13279	110,7

LABOUR MARKET

**3.24. Average monthly nominal wages of regular employees, by region**

(UAH)

	2010	2015	2017	2018	2019	2020	2021	
							UAH	percent of 2020
<b>Ukraine</b>	<b>2239</b>	<b>4195</b>	<b>7104</b>	<b>8865</b>	<b>10497</b>	<b>11591</b>	<b>14014</b>	<b>120,9</b>
Autonomous Republic of Crimea	1991	...	...	...	...	...	...	...
<b>oblasts</b>								
Vinnycya	1782	3396	6121	7801	9299	10297	12488	121,3
Volyn	1692	3291	5849	7324	8663	9256	11445	123,6
Dnipropetrovsk	2369	4366	6939	8862	10751	11681	13669	117,0
Donetsk	2549	4980	7764	9686	11716	12647	14853	117,4
Zhytomyr	1785	3271	5836	7372	8528	9571	11625	121,4
Zakarpattya	1846	3381	6355	8070	9202	10193	12235	120,0
Zaporizhzhya	2187	4200	6863	8726	10480	11556	13782	119,3
Ivano-Frankivsk	1927	3402	6074	7551	8817	9980	11988	120,1
Kyiv	2295	4153	7188	9097	11003	11887	14290	120,2
Kirovohrad	1815	3282	5792	7191	8360	9603	11180	116,4
Luhansk	2271	3427	5862	7365	8731	10182	12176	119,6
Lviv	1941	3646	6391	8001	9271	10299	12530	121,7
Mykolayiv	2122	3984	6709	8160	9976	11414	13807	121,0
Odesa	2046	3897	6542	8011	9246	10336	12326	119,3
Poltava	2102	3783	6551	8375	9846	10819	12988	120,0
Rivne	1960	3573	6013	7469	8967	10254	12762	124,5
Sumy	1866	3449	5946	7324	8579	9785	11844	121,0
Ternopil	1659	2994	5554	6969	8275	9384	11595	123,6
Kharkiv	2060	3697	6244	7657	9081	9968	12051	120,9
Kherson	1733	3123	5842	7058	8187	9354	11398	121,9
Khmelnyskiy	1786	3371	5938	7346	8672	9872	12326	124,9
Cherkasy	1835	3360	6042	7478	8838	9797	11965	122,1
Chernivtsi	1772	3050	5621	6991	8066	9166	11183	122,0
Chernihiv	1711	3295	5636	6995	8206	9328	11363	121,8
<b>cities</b>								
Kyiv	3431	6732	11135	13542	15776	17086	20558	120,3
Sevastopol	2167	...	...	...	...	...	...	...

LABOUR MARKET

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

(UAH)

	2010	2015	2017	2018	2019	2020	2021	
							UAH	percent of 2020
<b>Industry</b>	<b>2570</b>	<b>4789</b>	<b>7631</b>	<b>9633</b>	<b>11788</b>	<b>12759</b>	<b>14902</b>	<b>116,8</b>
Mining and quarrying including	3563	6164	9704	12452	15630	16763	19309	115,2
Mining of coal and lignite	3790	5944	9557	12158	14831	15701	17883	113,9
Manufacturing	2284	4477	7299	9196	11011	11493	13432	116,9
Manufacture of food products, beverages and tobacco products	2138	4184	6756	8338	9986	10761	12448	115,7
Manufacture of textiles, apparel, leather and related products	1336	2877	5414	6735	7469	7237	8761	121,1
Manufacture of wood and paper products, and printing	1866	3717	6475	8241	9297	9934	11725	118,0
Manufacture of coke, and refined petroleum products	3259	6181	8106	10966	15019	16542	17966	108,6
Manufacture of chemicals and chemical products	2384	4988	7552	8796	11340	12363	13768	111,4
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3490	8254	13846	16754	19511	21138	24914	117,9
Manufacture of rubber and plastics products, and other non-metallic mineral products	1968	3952	6858	8667	10347	10779	12776	118,5
Manufacture of basic metals and fabricated metal products, except machinery and equipment	2879	5645	8423	11022	13451	13926	16110	115,7
Manufacture of computer, electronic and optical products	2051	4619	9000	10640	12509	13275	14997	113,0
Manufacture of electrical equipment	2102	3870	6840	8731	10153	10531	12508	118,8
Manufacture of machinery and equipment n.e.c.	2219	4120	6923	8522	10349	10902	13012	119,4
Manufacture of transport equipment, trailers and semi-trailers and other	2394	4331	7597	10008	11665	11212	13572	121,1
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	2070	4065	7017	9003	10950	11363	13139	115,6
Electricity, gas, steam and air-conditioning supply	3028	5462	8493	10790	13989	16739	19752	118,0
Water supply, sewerage, waste management and remediation	1980	3498	5199	6549	8396	9774	11032	112,9

LABOUR MARKET

**3.26. Number and nominal wages of regular employees in 2021,  
by sex and type of economic activity**

	Averaged payroll staff, thsd.		Average monthly nominal wages of regular employees		
	males	females	males, UAH	females	
				UAH	percent of average monthly wages of males
<b>Total</b>	<b>3300,9</b>	<b>3795,3</b>	<b>15563</b>	<b>12668</b>	<b>81,4</b>
Agriculture, forestry and fishing	283,8	115,4	13021	10481	80,5
of which Agriculture	240,1	105,2	12506	9969	79,7
Industry	1106,3	658,8	16443	12314	74,9
Construction	178,5	40,2	11554	10114	87,5
Wholesale and retail trade; repair of motor vehicles and motorcycles	384,4	420,3	14973	12129	81,0
Transportation and storage, postal and courier activities	388,5	223,0	15112	11616	76,9
Transportation	185,9	81,5	14452	12990	89,9
Warehousing and support activities for transportation	192,2	87,8	15949	12797	80,2
Postal and courier activities	10,4	53,7	11403	7600	66,6
Accommodation and food service activities	21,4	43,8	9216	8214	89,1
Information and communication	55,3	48,5	28801	21796	75,7
Financial and insurance activities	54,8	115,3	30600	20829	68,1
Real estate activities	42,0	30,8	11548	10588	91,7
Professional, scientific and technical activities	94,9	109,7	21918	17164	78,3
of which Scientific research and development	34,6	40,4	16727	13852	82,8
Administrative and support service activities	106,6	75,2	11118	11284	101,5
Public administration and defence, compulsory social security	135,2	262,6	20533	18284	89,0
Education	243,8	913,0	12235	11705	95,7
Human health and social work activities	150,6	648,6	13055	11282	86,4
of which Human health services	138,8	584,2	13316	11470	86,1
Arts, entertainment and recreation	41,1	78,7	16213	10576	65,2
of which					
Creative, arts and entertainment activities	22,2	43,0	12711	10593	83,3
Libraries, archives, museums and other cultural activities	8,3	26,4	11347	10186	89,8
Other services	13,7	11,3	13610	12877	94,6

## 4. INCOME AND LIVING CONDITIONS

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

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

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

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

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

Households participate in the survey for one year.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



## INCOME AND LIVING CONDITIONS

## 4.1. Population income and expenditure

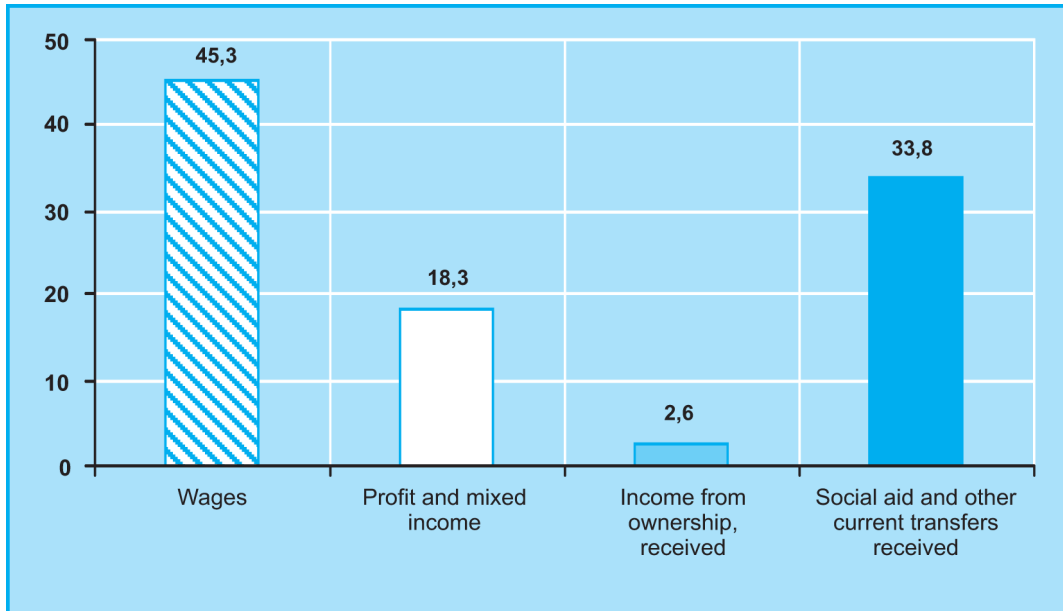
(mln. UAH)

	2005	2010	2015 <sup>1</sup>	2016 <sup>1</sup>	2018 <sup>1</sup>	2019 <sup>1</sup>	2020 <sup>1</sup>	2020 over 2019, percent
<b>Income</b>	<b>381404</b>	<b>1101175</b>	<b>1772016</b>	<b>2051331</b>	<b>3248730</b>	<b>3744060</b>	<b>4045191</b>	<b>108,0</b>
of which								
wages	160621	449553	709590	898326	1529367	1758588	1832294	104,2
profit and mixed income	58404	160025	323506	378213	572065	678217	740334	109,2
income from ownership, received	11072	67856	80035	75452	91164	117003	104986	89,7
social aid and other current transfers received	151307	423741	658885	699340	1056134	1190252	1367577	114,9
<b>Expenditure and savings</b>	<b>381404</b>	<b>1101175</b>	<b>1772016</b>	<b>2051331</b>	<b>3248730</b>	<b>3744060</b>	<b>4045191</b>	<b>108,0</b>
of which								
purchase of goods and services	306769	838213	1568173	1840262	2884971	3356993	3520546	104,9
income from ownership, paid	3523	28844	18583	15564	29975	39299	45788	116,5
current taxes on income, property and other current transfers paid	25461	72251	154187	182914	302237	360225	414937	115,2
accumulation of non-financial assets	4444	19578	-2117	-5481	-22889	-40335	-44539	×
increase in financial assets	41207	142289	33190	18072	54436	27878	108459	389,0
<i>Available income</i>	<i>298275</i>	<i>847949</i>	<i>1362599</i>	<i>1582293</i>	<i>2470325</i>	<i>2905821</i>	<i>3117891</i>	<i>107,3</i>
<i>Real available income, percent of the previous year</i>	<i>123,9</i>	<i>117,1</i>	<i>79,6</i>	<i>102,0</i>	<i>110,9</i>	<i>109,0</i>	<i>104,5</i>	<i>×</i>

<sup>1</sup> The compilations are made in line with the *Methodological explanations on the updated version of the SNA 2008* (SSSU Decree № 398 of December 17, 2013)

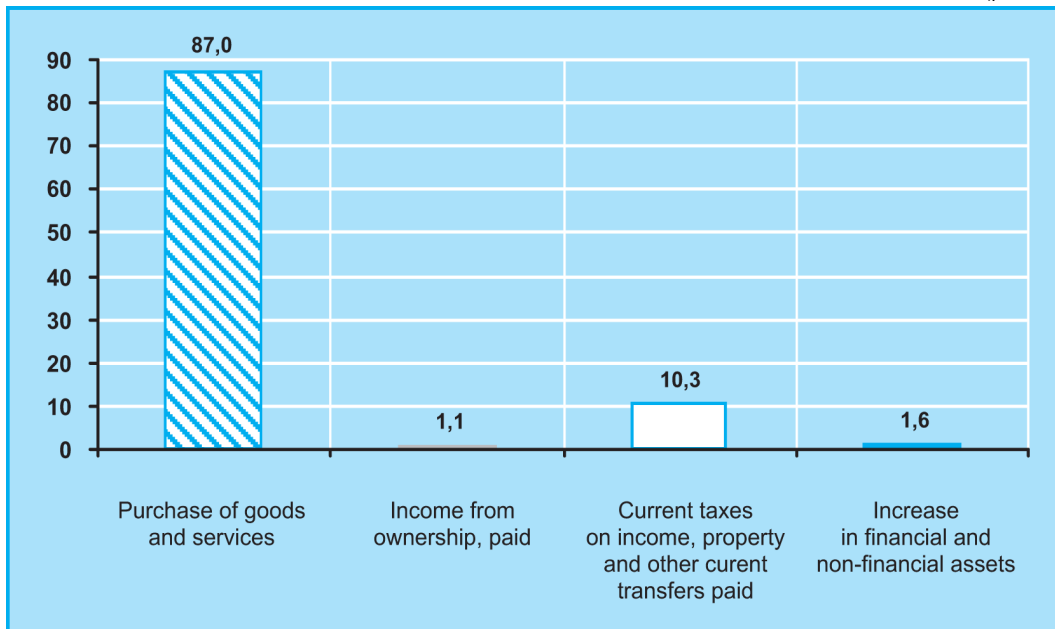
4.2. Structure of population income in 2020

(percent)



4.3. Structure of population expenditure and savings in 2020

(percent)



## INCOME AND LIVING CONDITIONS

 4.4. Population income, by region<sup>1</sup>

(mln. UAH)

	2019			2020			2021 <sup>2</sup>		
	income	available income		income	available income		income	available income	
		total	per capita, UAH		total	per capita, UAH		total	per capita, UAH
<b>Ukraine</b>	<b>3744060</b>	<b>2905821</b>	<b>69140</b>	<b>4045191</b>	<b>3117891</b>	<b>74688</b>	<b>4698611</b>	<b>3559139</b>	<b>86016</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
<b>oblasts</b>									
Vinnnytsya	129061	101720	65503	138552	109054	70939	158336	124539	81970
Volyn	72185	55793	53990	77720	59677	57973	89280	67077	65481
Dnipropetrovsk	360385	284178	89042	384511	299515	94804	434791	335854	107671
Donetsk	199322	165303	39843	210207	173775	42219	237727	194218	47604
Zhytomyr	97301	75974	62571	102465	80108	66651	117444	90359	76107
Zakarpattya	78182	60069	47852	84270	65579	52379	96551	73396	58844
Zaporizhzhya	169384	129046	76062	178172	139710	83309	202504	154466	93475
Ivano-Frankivsk	98587	77464	56514	106202	83361	61088	122057	93000	68561
Kyiv	173511	135274	76232	186594	143273	80274	227470	172539	96293
Kirovohrad	71713	54912	58461	76911	59775	64510	87450	66703	73146
Luhansk	66287	53544	24975	71087	58056	27274	82239	66299	31390
Lviv	216876	169534	67353	235055	183089	73092	279095	211961	85195
Mykolayiv	92529	72820	64700	99040	77858	69884	115244	90066	81870
Odesa	225458	179095	75288	245164	194579	82007	280203	219460	93001
Poltava	129647	101521	72843	138898	108707	78813	162018	125650	92260
Rivne	82555	64590	55917	88077	68294	59350	102157	77556	67727
Sumy	89702	70864	65932	96629	76337	71955	112196	87023	83307
Ternopil	68282	52674	50536	74502	57706	55776	88165	66785	65084
Kharkiv	245934	177482	66547	263215	200899	75923	313394	232502	88863
Kherson	76449	60036	58129	83199	65277	63853	95530	74298	73624
Khmelnyskiy	97560	74239	58934	105067	81711	65411	121848	93472	75606
Cherkasy	92887	71503	59626	99767	76863	64852	117922	89670	76673
Chernivtsi	58028	44375	49142	62695	48711	54178	72792	55051	61612
Chernihiv	76808	59882	59972	82929	64762	65815	96273	71383	73742
<b>cities</b>									
Kyiv	675427	513929	173677	754263	541215	182547	885925	625812	211620
Sevastopol	...	...	...	...	...	...	...	...	...

<sup>1</sup> See the footnote to Table 4.1

<sup>2</sup> Preliminary data

INCOME AND LIVING CONDITIONS

**4.5. Average monthly pension<sup>1</sup>**

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

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

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

INCOME AND LIVING CONDITIONS

**4.6. Differentiation of household living standards<sup>1</sup>**

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

<sup>1</sup> Data of the household living condition survey

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

INCOME AND LIVING CONDITIONS

**4.7. Households, by size and number of children**

(percent)

	2015			2020			2021		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
<b>All households</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
including households consisting of									
one person	20,3	19,1	22,7	19,0	17,6	21,9	18,2	17,2	20,1
two persons	32,5	33,2	30,9	34,5	35,7	32,0	35,4	36,3	33,7
three persons	25,9	28,7	20,2	26,5	29,0	21,2	26,6	29,1	21,5
four persons	13,7	13,7	13,9	13,0	12,6	13,9	12,5	11,8	13,9
five and more persons	7,6	5,3	12,3	7,0	5,1	11,0	7,3	5,6	10,8
Average household size, persons	2,59	2,54	2,68	2,58	2,53	2,67	2,58	2,53	2,67
Percentage of households with children aged under 18	38,2	39,5	35,4	37,7	39,2	34,7	37,8	39,3	34,5
Percentage of households without children	61,8	60,5	64,6	62,3	60,8	65,3	62,2	60,7	65,5
Of total households, percentage of households with children aged									
under 3	8,0	8,0	7,9	6,0	6,2	5,5	4,9	4,9	4,7
under 7	18,9	19,7	17,2	15,4	16,7	12,8	14,1	15,7	10,7
under 14	30,9	32,7	27,3	29,5	31,5	25,1	30,1	32,8	24,4
under 16	35,0	36,6	31,7	34,0	35,7	30,3	34,1	36,0	30,2

**4.8. Households with children, by number of children**

(percent)

	2015			2020			2021		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
<b>All households with children</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
including households with									
one child	75,7	78,4	69,4	79,2	80,2	76,9	79,3	79,6	78,5
two children	21,2	19,7	24,6	18,7	18,2	19,9	18,8	19,1	18,1
three children	2,6	1,6	5,0	1,8	1,3	2,9	1,6	1,1	3,0
four or more children	0,5	0,3	1,0	0,3	0,3	0,3	0,3	0,2	0,4

## INCOME AND LIVING CONDITIONS

## 4.9. Population, by per capita equivalent money income

(percent)

	2015			2020			2021		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total population</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Monthly average per capita equivalent money income, UAH									
under 3000,0	84,5	82,0	89,3	12,5	9,5	18,6	6,9	4,1	12,4
3000,1–4000,0	15,5 <sup>1</sup>	18,0 <sup>1</sup>	10,7 <sup>1</sup>	19,7	17,2	24,6	14,2	11,3	20,0
4000,1–5000,0	...	...	...	21,7	21,7	21,6	16,6	16,1	17,4
5000,1–6000,0	...	...	...	15,4	15,5	15,3	16,5	15,4	18,6
6000,1–7000,0	...	...	...	9,5	10,5	7,5	12,3	13,7	9,6
7000,1–8000,0	...	...	...	7,5	8,9	4,5	10,0	11,3	7,5
8000,1–9000,0	...	...	...	4,4	5,1	2,8	6,8	7,3	5,4
9000,1–10000,0	...	...	...	2,5	2,8	1,7	5,8	6,9	3,8
10000,1–11000,0	...	...	...	2,2	2,7	1,2	3,3	4,3	1,5
11000,1–12000,0	...	...	...	1,6	2,0	0,9	2,1	2,7	1,0
over 12000,0	...	...	...	3,0	4,1	1,3	5,5	6,9	2,8
Quintile differentiation coefficient of cash income of the population, times	2,0	2,0	1,8	2,2	2,1	2,0	2,2	2,1	2,2
Ratio of money income richest and poorest 20% population (quintile coefficient for funds), times	3,5	3,5	3,3	3,7	3,7	3,4	3,7	3,5	3,6

<sup>1</sup> Over 3000 UAH

## INCOME AND LIVING CONDITIONS

**4.10. Households, by per capita equivalent money income**

(percent)

	2015			2020			2021		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>All households</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Monthly average per capita equivalent money income, UAH									
under 3000,0	82,4	79,8	87,7	12,5	9,7	18,5	7,3	4,8	12,6
3000,1–4000,0	17,6 <sup>1</sup>	20,2 <sup>1</sup>	12,3 <sup>1</sup>	20,0	17,4	25,3	14,4	11,7	20,1
4000,1–5000,0	...	...	...	20,3	20,2	20,4	16,3	15,6	17,7
5000,1–6000,0	...	...	...	14,4	14,5	14,2	15,6	15,0	16,9
6000,1–7000,0	...	...	...	9,6	10,4	7,7	11,5	12,6	9,3
7000,1–8000,0	...	...	...	7,6	9,0	4,9	10,0	11,0	7,7
8000,1–9000,0	...	...	...	4,9	5,6	3,2	6,8	7,4	5,4
9000,1–10000,0	...	...	...	2,9	3,5	1,9	5,7	6,6	3,7
10000,1–11000,0	...	...	...	2,3	2,8	1,3	3,2	4,0	1,7
11000,1–12000,0	...	...	...	1,8	2,2	0,9	2,4	2,9	1,5
over 12000,0	...	...	...	3,7	4,7	1,7	6,8	8,4	3,4

<sup>1</sup> See the footnote to Table 4.9



## INCOME AND LIVING CONDITIONS

**4.11. Households in 2021, by per capita equivalent money income, household size and number of children**

(percent)

	All households	Monthly average per capita equivalent money income, UAH					
		under 3000,0	3000,1–4000,0	4000,1–5000,0	5000,1–6000,0	6000,1–7000,0	7000,1–8000,0
<b>All households</b>	<b>100,0</b>	<b>7,3</b>	<b>14,4</b>	<b>16,3</b>	<b>15,6</b>	<b>11,5</b>	<b>10,0</b>
Breakdown by level of average per capita equivalent money income of households consisting of							
one person	100,0	11,3	19,8	18,4	13,1	7,3	7,8
two persons	100,0	6,2	13,7	14,3	14,1	11,5	10,1
three persons	100,0	5,8	9,8	15,1	16,9	13,6	12,2
four persons	100,0	6,6	15,0	19,0	21,3	11,9	9,1
five persons and more	100,0	8,7	20,1	20,0	14,7	14,2	8,1
<b>All households with children</b>	<b>100,0</b>	<b>7,7</b>	<b>13,0</b>	<b>17,8</b>	<b>19,3</b>	<b>12,3</b>	<b>9,3</b>
Breakdown by level of average per capita equivalent money income of households with							
one child	100,0	7,2	10,0	17,4	19,9	12,8	9,8
two children	100,0	9,3	23,2	19,1	17,9	11,5	7,2
three children	100,0	12,8	44,5	9,7	19,8	5,5	7,5
four or more children	100,0	20,5	15,6	32,7	7,5	0,7	—

Table 4.11 continued

	Monthly average per capita equivalent money income, UAH				
	8000,1–9000,0	9000,1–10000,0	10000,1–11000,0	11000,1–12000,0	over 12000,0
<b>All households</b>	<b>6,8</b>	<b>5,7</b>	<b>3,2</b>	<b>2,4</b>	<b>6,8</b>
Breakdown by level of average per capita equivalent money income of households consisting of					
one person	5,7	3,4	3,5	2,2	7,5
two persons	7,1	6,0	3,6	3,3	10,1
three persons	8,1	7,4	2,5	2,7	5,9
four persons	6,2	4,9	4,1	1,0	0,9
five persons and more	4,1	4,7	3,4	0,4	1,6
<b>All households with children</b>	<b>6,3</b>	<b>6,2</b>	<b>3,1</b>	<b>1,4</b>	<b>3,6</b>
Breakdown by level of average per capita equivalent money income of households with					
one child	6,9	6,6	3,6	1,6	4,2
two children	4,3	4,9	0,8	0,8	1,0
three children	—	—	0,2	—	—
four or more children	—	—	23,0	—	—

INCOME AND LIVING CONDITIONS

**4.12. Structure of household money expenditure**

(average monthly per one household)

	2015			2020			2021		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total money expenditure, UAH</b>	<b>4448,7</b>	<b>4742,9</b>	<b>3846,7</b>	<b>8883,8</b>	<b>9469,5</b>	<b>7658,7</b>	<b>10558,2</b>	<b>11183,2</b>	<b>9245,4</b>
	<b>Percent</b>								
Consumption money expenditure	91,9	94,5	85,3	90,1	92,2	84,5	90,1	92,2	84,7
food products (including catering outside home, alcoholic beverages and tobacco)	54,8	56,8	49,8	49,1	50,5	45,4	46,6	48,0	43,1
manufactured goods and services	37,1	37,7	35,5	41,0	41,7	39,1	43,5	44,2	41,6
Monetary support to relatives, friends and other persons	2,9	2,4	4,0	2,9	2,6	3,5	2,8	2,5	3,5
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	5,2	3,1	10,7	7,0	5,2	12,0	7,1	5,3	11,8

**4.13. Structure of household money expenditure, by household size**

(average monthly per one household)

	2020						2021					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	Four	five and more
<b>Total money expenditure, UAH</b>	<b>8883,8</b>	<b>4862,0</b>	<b>7906,2</b>	<b>10586,2</b>	<b>11697,2</b>	<b>12898,4</b>	<b>10558,2</b>	<b>5597,6</b>	<b>9377,3</b>	<b>12575,6</b>	<b>13740,4</b>	<b>15833,9</b>
	<b>Percent</b>											
Consumption money expenditure	90,1	91,0	89,2	90,2	91,4	89,7	90,1	91,5	88,5	90,8	91,6	89,2
food products (including catering outside home, alcoholic beverages and tobacco)	49,1	50,4	49,6	48,5	49,0	49,0	46,6	48,7	46,2	46,0	46,7	47,9
manufactured goods and services	41,0	40,6	39,6	41,7	42,4	40,7	43,5	42,8	42,3	44,8	44,9	41,3
Monetary support to relatives, friends and other persons	2,9	3,6	4,0	2,5	1,9	1,6	2,8	3,5	4,0	2,2	1,6	1,8
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	7,0	5,4	6,8	7,3	6,7	8,7	7,1	5,0	7,5	7,0	6,8	9,0

INCOME AND LIVING CONDITIONS

**4.14. Structure of money expenditure for households with children, by number of children**

(average monthly per one household)

	2020					2021				
	all households with children	number of children				all households with children	number of children			
		one	two	three	four and more		one	two	three	four and more
<b>Total money expenditure, UAH</b>	<b>11174,5</b>	<b>10946,8</b>	<b>12143,5</b>	<b>10658,8</b>	<b>13747,3</b>	<b>13481,7</b>	<b>13254,2</b>	<b>14247,5</b>	<b>14187,0</b>	<b>21854,4</b>
	<b>Percent</b>									
Consumption money expenditure	91,9	91,4	93,4	95,5	92,5	91,1	90,4	94,0	90,4	92,9
food products (including catering outside home, alcoholic beverages and tobacco)	49,1	48,7	49,5	54,7	61,4	46,2	45,4	48,9	49,6	46,2
manufactured goods and services	42,8	42,7	43,9	40,8	31,1	44,9	45,0	45,1	40,8	46,7
Monetary support to relatives, friends and other persons	1,9	2,1	1,4	1,3	0,4	1,7	1,8	1,4	1,1	0,4
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	6,2	6,5	5,2	3,2	7,1	7,2	7,8	4,6	8,5	6,7

**4.15. Structure of household money expenditure in 2021, by different per capita equivalent money income**

(average monthly per one household)

	All households	Monthly average per capita equivalent money income, UAH					
		under 3000,0	3000,1–4000,0	4000,1–5000,0	5000,1–6000,0	6000,1–7000,0	7000,1–8000,0
<b>Total money expenditure, UAH</b>	<b>10558,2</b>	<b>5084,4</b>	<b>6778,8</b>	<b>8446,3</b>	<b>10193,0</b>	<b>10953,5</b>	<b>12094,9</b>
	<b>Percent</b>						
Consumption money expenditure	90,1	95,5	94,2	92,7	92,1	91,5	90,1
food products (including catering outside home, alcoholic beverages and tobacco)	46,6	55,6	53,4	50,5	48,4	48,3	45,9
manufactured goods and services	43,5	39,9	40,8	42,2	43,7	43,2	44,2
Monetary support to relatives, friends and other persons	2,8	1,0	1,7	2,0	2,7	2,1	3,2
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	7,1	3,5	4,1	5,3	5,2	6,4	6,7

## INCOME AND LIVING CONDITIONS

Table 4.15 continued

	Monthly average per capita equivalent money income, UAH				
	8000,1–9000,0	9000,1–10000,0	10000,1–11000,0	11000,1–12000,0	over 12000,0
<b>Total money expenditure, UAH</b>	<b>12351,6</b>	<b>14787,2</b>	<b>15068,2</b>	<b>14686,9</b>	<b>18447,1</b>
	<b>Percent</b>				
Consumption money expenditure	90,5	89,0	86,6	89,0	80,5
food products (including catering outside home, alcoholic beverages and tobacco)	47,1	41,9	43,9	43,3	36,1
manufactured goods and services	43,4	47,1	42,7	45,7	44,4
Monetary support to relatives, friends and other persons	2,8	3,3	3,0	3,4	4,6
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	6,7	7,7	10,4	7,6	14,9

**4.16. Population, by total per capita equivalent income**

(percent)

	2015			2020			2021		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total population</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Monthly average per capita equivalent total income, UAH									
under 3000,0	80,2	79,5	81,8	8,3	7,3	10,2	4,5	3,4	6,8
3000,1–4000,0	19,8 <sup>1</sup>	20,5 <sup>1</sup>	18,2 <sup>1</sup>	17,8	16,8	19,8	11,2	10,1	13,4
4000,1–5000,0	...	...	...	21,6	21,2	22,5	15,8	14,8	17,9
5000,1–6000,0	...	...	...	17,6	16,8	19,1	17,7	16,8	19,6
6000,1–7000,0	...	...	...	11,5	11,2	12,1	14,2	13,7	15,3
7000,1–8000,0	...	...	...	7,9	9,3	5,1	10,1	11,3	7,7
8000,1–9000,0	...	...	...	5,1	5,1	5,0	7,9	8,0	7,6
9000,1–10000,0	...	...	...	2,8	3,3	2,1	6,4	7,0	5,0
10000,1–11000,0	...	...	...	2,2	2,5	1,5	3,7	4,5	1,9
11000,1–12000,0	...	...	...	1,8	2,3	0,7	2,4	2,9	1,4
over 12000,0	...	...	...	3,4	4,2	1,9	6,1	7,5	3,4
Quintile differentiation coefficient of total income of the population, times	1,9	1,9	1,8	2,0	2,1	1,9	2,1	2,1	2,0
Ratio of total income richest and poorest 20% population (quintile coefficient for funds), times	3,2	3,3	3,1	3,5	3,6	3,1	3,5	3,5	3,3

<sup>1</sup> See the footnote to Table 4.9

## INCOME AND LIVING CONDITIONS

**4.17. Households, by total per capita equivalent income**

(percent)

	2015			2020			2021		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>All households</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Monthly average per capita equivalent total income, UAH									
under 3000,0	77,4	76,9	78,7	8,2	7,4	9,8	4,6	3,7	6,5
3000,1–4000,0	22,6 <sup>1</sup>	23,1 <sup>1</sup>	21,3 <sup>1</sup>	17,8	16,7	20,0	11,6	10,6	13,6
4000,1–5000,0	...	...	...	21,1	20,2	23,0	15,8	14,6	18,4
5000,1–6000,0	...	...	...	16,3	15,7	17,6	17,0	16,2	18,6
6000,1–7000,0	...	...	...	11,3	11,2	11,5	13,3	12,9	14,1
7000,1–8000,0	...	...	...	8,1	9,3	5,6	9,9	10,9	7,7
8000,1–9000,0	...	...	...	5,6	5,7	5,3	8,0	8,2	7,6
9000,1–10000,0	...	...	...	3,3	3,6	2,6	6,0	6,5	5,1
10000,1–11000,0	...	...	...	2,4	2,8	1,7	3,8	4,5	2,5
11000,1–12000,0	...	...	...	1,9	2,6	0,7	2,6	3,0	1,7
over 12000,0	...	...	...	4,0	4,8	2,2	7,4	8,9	4,2

<sup>1</sup> See the footnote to Table 4.9

INCOME AND LIVING CONDITIONS

**4.18. Households in 2021, by total per capita equivalent income, household size and number of children**

(percent)

	All households	Monthly average per capita equivalent total income, UAH					
		under 3000,0	3000,1–4000,0	4000,1–5000,0	5000,1–6000,0	6000,1–7000,0	7000,1–8000,0
<b>All households</b>	<b>100,0</b>	<b>4,6</b>	<b>11,6</b>	<b>15,8</b>	<b>17,0</b>	<b>13,3</b>	<b>9,9</b>
Breakdown by level of average per capita equivalent total income of households consisting of							
one person	100,0	6,6	16,8	18,2	16,0	9,8	7,5
two persons	100,0	3,9	10,4	14,9	14,8	12,7	9,6
three persons	100,0	4,1	8,4	13,6	18,2	14,2	12,5
four persons	100,0	5,1	11,5	16,9	21,7	15,9	8,3
five persons and more	100,0	4,8	15,6	20,2	17,3	16,5	10,1
<b>All households with children</b>	<b>100,0</b>	<b>5,7</b>	<b>10,6</b>	<b>17,0</b>	<b>19,8</b>	<b>14,4</b>	<b>10,2</b>
Breakdown by level of average per capita equivalent total income of households with							
one child	100,0	5,4	7,8	16,1	20,4	14,5	10,9
two children	100,0	6,6	19,8	20,3	18,6	14,6	7,4
three children	100,0	6,5	41,8	14,9	21,0	4,8	8,2
four or more children	100,0	16,6	13,1	32,8	6,4	8,1	—

Table 4.18 continued

	Monthly average per capita equivalent total income, UAH				
	8000,1–9000,0	9000,1–10000,0	10000,1–11000,0	11000,1–12000,0	over 12000,0
<b>All households</b>	<b>8,0</b>	<b>6,0</b>	<b>3,8</b>	<b>2,6</b>	<b>7,4</b>
Breakdown by level of average per capita equivalent total income of households consisting of					
one person	6,4	4,0	3,8	2,4	8,5
two persons	8,5	6,2	4,5	3,6	10,9
three persons	9,3	7,3	3,5	2,5	6,4
four persons	8,8	5,5	3,9	0,8	1,6
five persons and more	3,4	6,8	1,7	2,0	1,6
<b>All households with children</b>	<b>7,0</b>	<b>6,5</b>	<b>3,3</b>	<b>1,8</b>	<b>3,7</b>
Breakdown by level of average per capita equivalent total income of households with					
one child	7,6	6,9	3,8	2,1	4,5
wo children	4,8	5,4	0,7	0,8	1,0
three children	2,6	—	0,2	—	—
four and more children	—	—	23,0	—	—

INCOME AND LIVING CONDITIONS

**4.19. Structure of total household expenditure**

(average monthly per one household)

	2015			2020			2021		
	all household	including by areas		all household	including by areas		all household	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total expenditure, UAH</b>	<b>4952,0</b>	<b>5076,8</b>	<b>4696,6</b>	<b>9523,6</b>	<b>9820,1</b>	<b>8903,3</b>	<b>11243,4</b>	<b>11564,6</b>	<b>10568,5</b>
	<b>Percent</b>								
Total consumer expenditure	92,9	93,9	90,9	91,4	92,0	89,6	91,3	92,1	89,4
food products (including catering outside home, alcoholic beverages and tobacco)	57,9	57,0	60,0	52,7	51,0	55,7	50,1	48,7	52,8
manufactured goods and services	35,0	36,9	30,9	38,7	41,0	33,9	41,2	43,4	36,6
payment for housing, communal products and services	10,2	11,4	7,4	12,9	14,6	9,0	13,8	15,4	10,1
of which									
sum of benefits and subsidies	1,4	1,3	1,6	0,1	0,2	0,1	0,1	0,1	0,1
Non-consumption total expenditure	7,1	6,1	9,1	8,6	8,0	10,4	8,7	7,9	10,6

**4.20. Structure of total household expenditure, by household size**

(average monthly per one household)

	2020						2021					
	all household	number of members					all household	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
<b>Total expenditure, UAH</b>	<b>9523,6</b>	<b>5245,1</b>	<b>8446,9</b>	<b>11226,9</b>	<b>12525,8</b>	<b>14362,9</b>	<b>11243,4</b>	<b>6011,7</b>	<b>9950,3</b>	<b>13217,0</b>	<b>14677,9</b>	<b>17466,0</b>
	<b>Percent</b>											
Total consumer expenditure	91,4	92,1	90,2	90,9	92,6	92,6	91,3	92,4	89,6	91,8	92,9	91,5
food products (including catering outside home, alcoholic beverages and tobacco)	52,7	53,8	52,5	51,3	52,7	55,7	50,1	51,9	49,1	48,8	50,4	53,6
manufactured goods and services	38,7	38,3	37,7	39,6	39,9	36,9	41,2	40,5	40,5	43,0	42,5	37,9
payment for housing, communal products and services	12,9	15,8	13,6	12,7	12,0	9,9	13,8	17,8	15,0	13,3	12,9	9,8
of which												
sum of benefits and subsidies	0,1	0,2	0,2	0,1	0,1	0,2	0,1	0,1	0,1	0,1	0,1	0,2
Non-consumption total expenditure	8,6	7,9	9,8	9,1	7,4	7,4	8,7	7,6	10,4	8,2	7,1	8,5

INCOME AND LIVING CONDITIONS

**4.21. Structure of total expenditure for households with children, by number of children**

*(average monthly per one household)*

	2020					2021				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
<b>Total expenditure, UAH</b>	<b>11951,1</b>	<b>11660,0</b>	<b>13126,5</b>	<b>11957,9</b>	<b>15211,2</b>	<b>14321,5</b>	<b>14021,0</b>	<b>15346,9</b>	<b>15378,5</b>	<b>23818,4</b>
	<b>Percent</b>									
Total consumer expenditure	92,9	92,4	94,2	96,6	95,1	92,4	91,7	94,5	94,6	93,0
food products (including catering outside home, alcoholic beverages and tobacco)	52,7	52,1	53,2	59,7	66,4	49,7	48,7	52,1	56,2	50,1
manufactured goods and services	40,2	40,3	41,0	36,9	28,7	42,7	43,0	42,4	38,4	42,9
payment for housing, communal products and services	12,4	12,4	12,6	10,5	7,3	12,7	12,5	13,6	11,3	8,2
of which sum of benefits and subsidies	0,1	0,1	0,2	0,2	0,3	0,1	0,1	0,1	0,5	0,0
Non-consumption total expenditure	7,1	7,6	5,8	3,4	4,9	7,6	8,3	5,5	5,4	7,0

**4.22. Structure of total household expenditure in 2021, by different total per capita equivalent income**

*(average monthly per one household)*

	All households	Monthly average per capita equivalent total income, UAH					
		under 3000,0	3000,1–4000,0	4000,1–5000,0	5000,1–6000,0	6000,1–7000,0	7000,1–8000,0
<b>Total expenditure, UAH</b>	<b>11243,4</b>	<b>5495,0</b>	<b>6941,8</b>	<b>8511,1</b>	<b>10633,2</b>	<b>11358,7</b>	<b>12332,5</b>
	<b>Percent</b>						
Total consumer expenditure	91,3	98,0	96,8	95,4	93,7	93,0	91,7
food products (including catering outside home, alcoholic beverages and tobacco)	50,1	62,1	58,3	55,8	53,7	52,1	49,6
manufactured goods and services	41,2	35,9	38,5	39,6	40,0	40,9	42,1
payment for housing, communal products and services	143,8	15,4	15,8	15,9	13,9	13,8	13,8
of which sum of benefits and subsidies	0,1	0,1	0,1	0,2	0,1	0,2	0,0
Non-consumption total expenditure	8,7	2,0	3,2	4,6	6,3	7,0	8,3



## INCOME AND LIVING CONDITIONS

Table 4.22 continued

	Monthly average per capita equivalent total income, UAH				
	8000,1– 9000,0	9000,1– 10000,0	10000,1– 11000,0	11000,1– 12000,0	over 12000,0
<b>Total expenditure, UAH</b>	<b>13137,3</b>	<b>14965,3</b>	<b>15005,4</b>	<b>15430,1</b>	<b>18626,2</b>
	<b>Percent</b>				
Total consumer expenditure	90,3	89,2	87,5	90,0	81,8
food products (including catering outside home, alcoholic beverages and tobacco)	49,0	44,2	45,9	45,6	38,1
manufactured goods and services	41,3	45,0	41,6	44,4	43,7
payment for housing, communal products and services	12,8	12,6	11,3	13,7	12,7
of which					
sum of benefits and subsidies	0,1	0,2	0,1	0,1	0,1
Non-consumption total expenditure	9,7	10,8	12,5	10,0	18,2

**4.23. Structure of household expenditure in 2021, by basic consumption expenditure**

(average monthly per one household)

	Total expenditure			Money expenditure		
	all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural
<b>Total expenditure, UAH</b>	<b>11243,4</b>	<b>11564,6</b>	<b>10568,5</b>	<b>10558,2</b>	<b>11183,2</b>	<b>9245,4</b>
	<b>Percent</b>					
Consumption expenditure	91,3	92,1	89,4	90,1	92,2	84,7
food goods and non-alcoholic beverages	45,9	44,3	49,2	42,3	43,5	39,1
alcohol	1,0	1,1	0,8	1,0	1,1	0,8
tobacco	2,0	2,0	2,0	2,1	2,0	2,3
clothing and footwear	4,8	4,7	5,1	5,2	4,8	5,8
housing, water, electricity, gas and other fuel	15,2	16,2	12,8	16,0	16,7	14,4
furniture, personal effects, household appliances and daily household services	2,2	2,3	2,1	2,4	2,3	2,4
health care	4,7	4,9	4,3	4,9	4,9	4,8
transport	4,5	4,3	5,1	4,6	4,2	5,9
communications	3,4	3,4	3,3	3,6	3,5	3,8
recreation and culture	1,7	2,0	0,8	1,7	2,1	0,9
education	1,0	1,3	0,4	1,1	1,4	0,5
hotels, cafes and restaurants	1,8	2,2	1,0	1,9	2,2	1,1
other goods and services	3,1	3,4	2,5	3,3	3,5	2,9

INCOME AND LIVING CONDITIONS

**4.24. Structure of household money income**

(average monthly per one household)

	2015			2020			2021		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total money income, UAH</b>	<b>4676,0</b>	<b>4851,8</b>	<b>4316,4</b>	<b>11670,6</b>	<b>12341,7</b>	<b>10267,0</b>	<b>13616,5</b>	<b>14438,6</b>	<b>11889,7</b>
	<b>Percent</b>								
Labour remuneration	52,8	58,0	41,0	62,0	66,1	51,7	63,5	67,6	53,5
Income from entrepreneurship and self-employment	6,1	6,5	5,3	6,1	6,3	5,6	6,0	6,5	4,9
Income from sales of agricultural products	3,8	0,5	11,5	2,3	0,2	7,5	2,7	0,2	8,9
Cash pensions, stipends and benefits	28,3	26,9	31,4	22,3	21,5	24,5	21,3	20,5	23,1
Monetary support from relatives and other individuals and other money income	9,0	8,1	10,8	7,3	5,9	10,7	6,5	5,2	9,6

**4.25. Structure of household money income, by household size**

(average monthly per one household)

	2020						2021					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
<b>Total cash income, UAH</b>	<b>11670,6</b>	<b>5395,1</b>	<b>10328,5</b>	<b>13860,0</b>	<b>16474,2</b>	<b>18030,6</b>	<b>13616,5</b>	<b>6210,8</b>	<b>12022,1</b>	<b>16279,3</b>	<b>18155,5</b>	<b>22308,5</b>
	<b>Percent</b>											
Labour remuneration	62,0	39,3	50,7	74,2	71,3	62,0	63,5	40,4	54,4	71,5	74,7	67,0
Income from entrepreneurship and self-employment	6,1	2,8	4,3	7,1	7,9	8,2	6,0	3,9	3,8	8,6	6,1	6,7
Income from sales of agricultural products	2,3	1,7	2,5	2,0	2,2	3,2	2,7	2,0	2,5	2,5	2,2	4,6
Cash pensions, stipends and benefits	22,3	41,3	35,5	10,8	11,9	19,7	21,3	40,4	32,6	11,6	12,2	16,4
Monetary support from relatives and other individuals and other money income	7,3	14,9	7,0	5,9	6,7	6,9	6,5	13,3	6,7	5,8	4,8	5,3

INCOME AND LIVING CONDITIONS

**4.26. Structure of money income for households with children, by number of children**

(average monthly per one household)

	2020					2021				
	all households with children	number of children				all households with children	number of children			
		one	two	three	four and more		one	two	three	four and more
<b>Total cash income, UAH</b>	<b>14621,6</b>	<b>13969,7</b>	<b>17212,0</b>	<b>15836,0</b>	<b>17651,5</b>	<b>17347,6</b>	<b>17021,6</b>	<b>18623,4</b>	<b>17282,9</b>	<b>23940,0</b>
	<b>Percent</b>									
Labour remuneration	72,5	74,5	66,8	65,9	44,9	73,1	72,7	77,2	44,4	55,7
Income from entrepreneurs hip and self-employment	8,4	7,0	13,4	3,7	9,2	7,8	8,5	4,2	17,0	1,9
Income from sales of agricultural products	1,9	1,9	1,7	2,8	4,8	2,6	2,6	1,8	11,0	2,3
Cash pensions, stipends and benefits	10,3	9,9	10,6	21,1	36,7	10,0	9,7	10,7	19,3	26,1
Monetary support from relatives and other individuals and other money income	6,9	6,7	7,5	6,5	4,4	6,5	6,5	6,1	8,3	14,0

**4.27. Structure of household money income in 2021, by different money per capita equivalent income**

(average monthly per one household)

	All households	Monthly average per capita equivalent money income, UAH					
		under 3000,0	3000,1–4000,0	4000,1–5000,0	5000,1–6000,0	6000,1–7000,0	7000,1–8000,0
<b>Total money income, UAH</b>	<b>13616,5</b>	<b>4758,9</b>	<b>7400,0</b>	<b>9630,8</b>	<b>12106,4</b>	<b>14467,1</b>	<b>15816,6</b>
	<b>Percent</b>						
Labour remuneration	63,5	34,1	39,4	48,7	59,1	70,4	68,3
Income from entrepreneurship and self-employment	6,0	4,0	3,4	4,1	5,8	2,6	6,6
Income from sales of agricultural products	2,7	3,4	3,3	3,0	3,7	2,0	1,7
Cash pensions, stipends and benefits	21,3	44,8	45,3	35,5	23,1	18,5	18,2
Monetary support from relatives and other individuals and other money income	6,5	13,7	8,6	8,7	8,3	6,5	5,2

INCOME AND LIVING CONDITIONS

Table 4.27 continued

	Monthly average per capita equivalent money income, UAH				
	8000,1– 9000,0	9000,1– 10000,0	10000,1– 11000,0	11000,1– 12000,0	over 12000,0
<b>Total money income, UAH</b>	<b>17514,4</b>	<b>20257,0</b>	<b>22040,0</b>	<b>21629,4</b>	<b>28284,8</b>
	<b>Percent</b>				
Labour remuneration	74,8	72,0	75,3	72,4	70,1
Income from entrepreneurship and self-employment	6,1	9,3	7,7	13,7	7,6
Income from sales of agricultural products	1,8	1,1	0,8	2,0	4,6
Cash pensions, stipends and benefits	12,8	12,2	12,5	7,9	12,5
Monetary support from relatives and other individuals and other money income	4,5	5,4	3,7	4,0	5,2

**4.28. Structure of household total resources**

(average monthly per one household)

	2015			2020			2021		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total resources, UAH</b>	<b>5231,7</b>	<b>5228,6</b>	<b>5238,0</b>	<b>12432,3</b>	<b>12805,8</b>	<b>11651,1</b>	<b>14490,6</b>	<b>15001,4</b>	<b>13417,6</b>
	<b>Percent</b>								
Money income	89,4	92,8	82,4	93,9	96,4	88,1	93,9	96,2	88,6
labour remuneration	47,2	53,8	33,7	58,3	63,8	45,7	59,8	65,0	47,4
income from entrepreneurship and self-employment	5,5	6,0	4,4	5,8	6,1	5,0	5,7	6,3	4,4
income from sales of agricultural products	3,4	0,4	9,5	2,2	0,2	6,6	2,5	0,2	7,9
cash pensions, stipends and benefits	25,2	25,0	25,9	20,8	20,6	21,3	19,8	19,7	20,4
monetary support from relatives and other individuals and other money income	8,1	7,6	8,9	6,8	5,7	9,5	6,1	5,0	8,5
Value of consumed products that were produced at private subsistence farms or individually procured	5,1	1,6	12,2	3,3	0,7	9,1	3,0	0,8	8,3
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	1,3	1,2	1,5	0,2	0,2	0,2	0,1	0,1	0,1
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and communication services	0,4	0,5	0,1	0,2	0,2	0,0	0,3	0,4	0,1
Other receipts	3,8	3,9	3,8	2,4	2,5	2,6	2,7	2,5	2,9

INCOME AND LIVING CONDITIONS

**4.29. Structure of household total resources, by household size**

*(average monthly per one household)*

	2020						2021					
	all households	number of members					all households	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
<b>Total resources, UAH</b>	<b>12432,3</b>	<b>5845,1</b>	<b>10963,7</b>	<b>14615,4</b>	<b>17489,8</b>	<b>19805,9</b>	<b>14490,6</b>	<b>6721,4</b>	<b>12827,0</b>	<b>17140,6</b>	<b>19184,5</b>	<b>24205,2</b>
	<b>Percent</b>											
Money income	93,9	92,3	94,2	94,8	94,3	91,1	93,9	92,4	93,7	95,0	94,7	92,3
labour remuneration	58,3	36,2	47,7	70,3	67,1	56,4	59,8	37,3	50,9	67,9	70,7	61,9
income from entrepreneurship and self-employment	5,8	2,6	4,0	6,7	7,3	7,4	5,7	3,5	3,6	8,2	5,8	6,1
income from sales of agricultural products	2,2	1,5	2,4	1,9	2,1	2,9	2,5	1,9	2,3	2,3	2,1	4,3
cash pensions, stipends and benefits	20,8	38,2	33,4	10,3	11,5	18,1	19,8	37,3	30,7	10,9	11,7	15,1
monetary support from relatives and other individuals and other money income	6,8	13,8	6,7	5,6	6,3	6,3	6,1	12,4	6,2	5,7	4,4	4,9
Value of consumed products that were produced at private subsistence farms or individually procured	3,3	3,6	2,9	2,5	3,1	6,0	3,0	3,3	2,9	2,0	3,4	5,2
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,2	0,2	0,2	0,1	0,0	0,1	0,1	0,1	0,2	0,0	0,1	0,1
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and communication services	0,2	0,3	0,4	0,2	0,2	0,2	0,3	0,6	0,4	0,3	0,2	0,2
Other receipts	2,4	3,6	2,3	2,4	2,4	2,6	2,7	3,6	2,8	2,7	1,6	2,2

INCOME AND LIVING CONDITIONS

**4.30. Structure of total resources of households with children, by number of children**

*(average monthly per one household)*

	2020					2021				
	all households with children	number of children				all households with children	number of children			
		one	two	three	four and more		one	two	three	four and more
<b>Total resources, UAH</b>	<b>15571,2</b>	<b>14861,3</b>	<b>18359,5</b>	<b>17178,1</b>	<b>19155,2</b>	<b>18385,5</b>	<b>18001,0</b>	<b>19863,8</b>	<b>18695,5</b>	<b>25725,8</b>
	<b>Percent</b>									
Money income	93,8	94,0	93,7	92,2	92,1	94,4	94,6	93,8	92,4	93,1
labour remuneration	68,0	70,0	62,6	60,8	41,3	68,9	68,7	72,5	41,1	51,9
income from entrepreneurship and self-employment	7,9	6,7	12,5	3,4	8,4	7,3	8,1	4,0	15,8	1,7
income from sales of agricultural products	1,8	1,8	1,6	2,6	4,4	2,5	2,5	1,7	10,3	2,1
cash pensions, stipends and benefits	9,6	9,1	10,0	19,4	34,0	9,5	9,0	9,9	17,7	24,3
monetary support from relatives and other individuals and other money income	6,5	6,4	7,0	6,0	4,0	6,2	6,3	5,7	7,5	13,1
Value of consumed products that were produced at private subsistence farms or individually procured	3,2	3,0	3,5	5,9	6,1	2,8	2,6	3,6	4,6	5,7
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,1	0,1	0,2	0,1	0,3	0,1	0,0	0,0	0,4	0,0
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and communication services	0,1	0,1	0,2	0,1	0,2	0,2	0,2	0,3	0,2	0,0
Other receipts	2,8	2,8	2,4	1,7	1,3	2,5	2,6	2,3	2,4	1,2

INCOME AND LIVING CONDITIONS

**4.31. Structure of household total resources in 2021,  
by different total per capita equivalent income**

(average monthly per one household)

	All households	Monthly average per capita equivalent total income, UAH										
		under 3000,0	3000,1–4000,0	4000,1–5000,0	5000,1–6000,0	6000,1–7000,0	7000,1–8000,0	8000,1–9000,0	9000,1–10000,0	10000,1–11000,0	11000,1–12000,0	over 12000,0
<b>Total resources, UAH</b>	<b>14490,6</b>	<b>5123,1</b>	<b>7372,5</b>	<b>9613,8</b>	<b>12304,2</b>	<b>14839,5</b>	<b>16228,0</b>	<b>17770,9</b>	<b>21117,4</b>	<b>21185,1</b>	<b>22681,0</b>	<b>28646,1</b>
		<b>Percent</b>										
Money income	93,9	88,3	92,0	92,4	91,8	92,6	95,2	94,7	94,9	96,3	96,0	96,5
labour remuneration	59,8	31,2	35,9	44,8	51,3	60,8	65,9	68,7	68,0	72,3	68,0	67,8
income from entrepreneurship and self-employment	5,7	3,3	3,7	2,9	5,5	2,9	5,6	5,8	8,9	6,2	13,6	7,3
income from sales of agricultural products	2,5	2,2	1,6	2,1	3,4	2,7	1,9	2,0	1,0	1,6	1,3	4,5
cash pensions, stipends and benefits	19,8	38,4	42,6	35,3	23,8	19,3	16,9	13,8	11,7	12,7	8,4	12,0
monetary support from relatives and other individuals and other money income	6,1	13,2	8,2	7,3	7,8	6,9	4,9	4,4	5,3	3,5	4,7	4,9
Value of consumed products that were produced at private subsistence farms or individually procured	3,0	8,0	4,7	4,6	4,4	4,2	2,5	2,7	1,9	1,8	1,7	0,4
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,1	0,1	0,1	0,2	0,1	0,1	0,0	0,1	0,1	0,1	0,1	0,1
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and communication services	0,3	0,3	0,4	0,3	0,2	0,3	0,3	0,3	0,3	0,2	0,4	0,3
Other receipts	2,7	3,3	2,8	2,5	3,5	2,8	2,0	2,2	2,8	1,6	1,8	2,7

INCOME AND LIVING CONDITIONS

**4.32. Foodstuffs consumed by households**

*(average monthly per capita; kg)*

	2015			2020			2021		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		in urban	in rural		in urban	in rural		in urban	in rural
Meat and meat products	4,6	4,9	4,0	5,2	5,4	4,6	5,1	5,4	4,6
Milk and dairy products	19,8	19,6	20,2	18,9	18,8	19,2	18,8	19,0	18,5
Eggs, pcs	19	20	18	19	20	19	19	19	18
Fish and fish products	1,2	1,3	1,2	1,4	1,3	1,4	1,4	1,4	1,4
Sugar	2,8	2,7	3,1	2,4	2,3	2,8	2,3	2,1	2,6
Sunflower-seed oil and other vegetables oils	1,6	1,6	1,6	1,4	1,3	1,5	1,3	1,2	1,4
Potatoes	6,6	5,6	8,8	6,0	4,9	7,7	5,8	4,7	7,6
Vegetables, melons and gourds	8,8	8,7	8,9	8,7	8,5	9,2	8,5	8,3	9,0
Fruit, berries, nuts and grapes	3,1	3,6	2,2	3,7	4,3	2,7	3,9	4,5	2,8
Bread and bakery products	8,5	7,8	9,8	8,0	7,3	9,5	7,6	7,0	8,9

**4.33. Foodstuffs consumed by households, by household size**

*(average monthly per capita; kg)*

	2020						2021					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Meat and meat products	5,2	6,6	6,1	5,2	4,4	4,0	5,1	6,6	5,9	5,2	4,4	4,1
Milk and dairy products	18,9	27,4	21,5	18,0	15,8	15,4	18,8	27,0	21,7	17,5	16,0	15,5
Eggs, pcs	19	21	22	19	18	16	19	21	21	18	17	15
Fish and fish products	1,4	1,7	1,7	1,3	1,1	1,0	1,4	1,7	1,6	1,3	1,1	1,1
Sugar	2,4	3,2	2,8	2,3	2,1	2,1	2,3	3,0	2,6	2,2	1,9	2,2
Sunflower-seed oil and other vegetables oils	1,4	2,2	1,6	1,2	1,0	1,4	1,3	2,0	1,4	1,2	1,1	1,2
Potatoes	6,0	8,2	6,4	5,2	5,1	5,8	5,8	7,6	6,0	5,2	5,1	5,7
Vegetables, melons and gourds	8,7	12,4	10,7	8,0	7,2	6,8	8,5	12,2	10,1	8,1	7,1	6,9
Fruit, berries, nuts and grapes	3,7	4,5	4,1	3,8	3,5	2,7	3,9	4,6	4,1	4,0	3,5	3,3
Bread and bakery products	8,0	12,5	9,0	7,2	6,8	6,9	7,6	11,8	8,7	6,9	6,2	6,7



INCOME AND LIVING CONDITIONS

**4.34. Foodstuffs consumed by households with children,  
by number of children within household**

(average monthly per capita; kg)

	2020					2021				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Meat and meat products	4,6	4,8	4,1	3,9	3,6	4,6	4,7	4,2	3,5	3,9
Milk and dairy products	16,6	17,2	15,1	13,8	15,1	16,4	16,7	15,5	14,2	18,2
Eggs, pcs	18	18	17	15	14	17	17	16	13	16
Fish and fish products	1,1	1,2	0,9	0,9	1,1	1,2	1,2	1,0	1,2	1,1
Sugar	2,2	2,2	2,0	1,8	2,5	2,0	2,1	1,9	2,0	1,8
Sunflower-seed oil and other vegetables oils	1,2	1,2	1,2	1,1	1,1	1,1	1,2	1,0	0,9	1,0
Potatoes	5,2	5,2	4,9	4,9	4,6	5,0	5,1	4,4	4,6	4,8
Vegetables, melons and gourds	7,3	7,6	6,4	5,9	6,7	7,2	7,5	6,3	6,1	7,2
Fruit, berries, nuts and grapes	3,5	3,7	3,2	2,8	3,4	3,8	3,9	3,5	3,4	4,3
Bread and bakery products	6,8	6,9	6,5	6,3	7,4	6,5	6,6	6,1	6,2	6,1

**4.35. Foodstuffs consumed by households in 2021,  
by different total per capita equivalent income**

(average monthly per capita; kg)

	All households	Monthly average per capita equivalent total income, UAH					
		under 3000,0	3000,1– 4000,0	4000,1– 5000,0	5000,1– 6000,0	6000,1– 7000,0	7000,1– 8000,0
Meat and meat products	5,1	3,4	4,1	4,3	5,1	5,3	5,4
Milk and dairy products	18,8	11,7	15,3	16,9	18,5	19,4	19,6
Eggs, pcs	19	15	16	17	19	20	19
Fish and fish products	1,4	0,8	1,0	1,3	1,4	1,3	1,4
Sugar	2,3	1,8	2,0	2,2	2,4	2,4	2,3
Sunflower-seed oil and other vegetables oils	1,3	1,1	1,2	1,3	1,3	1,3	1,3
Potatoes	5,8	5,6	5,5	5,7	6,0	5,8	5,8
Vegetables, melons and gourds	8,5	6,6	7,5	7,7	8,8	8,5	8,7
Fruit, berries, nuts and grapes	3,9	2,2	2,6	3,2	3,8	3,7	4,4
Bread and bakery products	7,6	7,5	7,4	7,7	8,0	7,5	7,6

INCOME AND LIVING CONDITIONS

Table 4.35 continued

	Monthly average per capita equivalent total income, UAH				
	8000,1–9000,0	9000,1–10000,0	10000,1–11000,0	11000,1–12000,0	over 12000,0
Meat and meat products	6,0	5,6	6,3	6,0	6,4
Milk and dairy products	21,3	20,2	22,3	23,3	25,4
Eggs, pcs	20	20	21	19	21
Fish and fish products	1,6	1,5	1,6	1,7	1,7
Sugar	2,6	2,1	2,5	2,5	2,8
Sunflower-seed oil and other vegetables oils	1,4	1,3	1,3	1,4	1,4
Potatoes	5,5	5,3	5,4	5,6	4,9
Vegetables, melons and gourds	9,7	8,9	10,5	9,8	10,9
Fruit, berries, nuts and grapes	4,4	4,7	5,6	5,2	6,0
Bread and bakery products	8,0	7,0	7,5	7,1	7,8

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

(average monthly per capita; kg)

	2020					
	all households	including by quintile (20%) groups				
		first	second	third	fourth	fifth
Meat and meat products	5,2	4,0	4,7	4,9	5,6	6,6
Milk and dairy products	18,9	15,3	17,6	18,1	20,6	23,4
Eggs, pcs	19	17	19	19	21	22
Fish and fish products	1,4	1,1	1,3	1,3	1,5	1,6
Sugar	2,4	2,2	2,3	2,4	2,6	2,7
Sunflower-seed oil and other vegetables oils	1,4	1,3	1,4	1,3	1,4	1,4
Potatoes	6,0	5,5	6,0	5,8	6,3	5,7
Vegetables, melons and gourds	8,7	7,3	8,3	8,8	9,5	10,3
Fruit, berries, nuts and grapes	3,7	2,7	3,2	3,6	4,0	5,3
Bread and bakery products	8,0	8,0	8,4	7,7	8,1	7,8

## INCOME AND LIVING CONDITIONS

Table 4.36 continued

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

**4.37. Foodstuffs consumed**

(per capita per year; kg)

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

INCOME AND LIVING CONDITIONS

**4.38. Consumed nutrients<sup>1</sup>**

*(per capita per day)*

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

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

**4.39. Availability of selected durable goods<sup>1</sup> in households<sup>2</sup>**

*(average per 100 households; pcs)*

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

<sup>1</sup> Estimates of availability of durables in households are based on sample poll and cover all present durables irrespective of period of their use, their source (purchase, gift, etc), condition (in working condition or broken goods under current repair or awaiting repair)

<sup>2</sup> Since 2010, the polling of households regarding the availability of durables in them is conducted once every two years

<sup>3</sup> Since 2020, it is included in the list of goods

INCOME AND LIVING CONDITIONS

**4.40. Distribution of households by access to the Internet**

	2015			2020			2021		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total number of households, thsd.</b>	<b>15073,7</b>	<b>10125,0</b>	<b>4948,7</b>	<b>14783,3</b>	<b>10002,2</b>	<b>4782,1</b>	<b>14678,1</b>	<b>9944,0</b>	<b>4734,1</b>
Share of households that have access to the Internet at home	50,7	62,1	27,2	79,2	85,6	66,0	82,7	87,4	72,8
Share of persons <sup>1</sup> who informed about using the Internet services during the last 12 months <sup>2</sup>	49,1	58,8	30,4	75,5	81,0	64,3	79,5	83,7	71,3
of which by the place of usage <sup>3</sup> , percent									
home	91,7	95,1	78,9	85,0	89,8	76,0	85,8	89,9	76,2
office	12,3	12,7	10,9	18,4	20,6	12,6	17,7	20,4	11,3
training	6,4	5,4	10,1	10,1	10,0	10,2	10,6	10,5	10,8
community center with access to the Internet	0,3	0,2	0,6	0,4	0,3	0,6	0,3	0,4	0,0
commercial center with access to the Internet	0,3	0,2	0,8	0,1	0,1	0,0	0,1	0,0	0,1
any place via mobile phone	16,5	15,5	20,1	79,4	79,4	79,5	85,1	85,3	84,7
any place via other device with mobile access	1,1	1,2	1,1	0,7	0,6	0,9	0,5	0,5	0,3
other places (at friends and acquaintances)	8,1	6,0	16,2	8,4	8,0	9,2	6,6	6,0	8,1

<sup>1</sup> Information presents the persons that resides in non-institutional (private) households

<sup>2</sup> In 2015–2019, the population reported that they had used Internet services in the last 12 months

<sup>3</sup> Distribution can surpass in total 100% since one person can use the Internet at several locations

## INCOME AND LIVING CONDITIONS

**4.41. Distribution of the population by purpose of the Internet services usage**

(percent)

	2015			2020			2021		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
<b>Total number of the population</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Share of persons <sup>1</sup> who informed about using the Internet during the last 12 months <sup>2</sup>	49,1	58,8	30,4	75,5	81,0	64,3	79,5	83,7	71,3
of which for the purpose of <sup>3</sup> , percent									
sending (receiving) e-mail	24,5	26,1	18,5	33,1	35,9	25,9	35,1	39,2	25,6
interaction with public authorities	2,1	2,2	1,6	3,3	3,7	2,4	4,3	5,3	2,2
training and education	30,6	29,7	33,7	22,0	21,3	24,0	19,3	19,1	19,5
on-line reading/downloading newspapers, magazines	27,7	28,6	24,6	19,8	20,3	18,6	21,4	21,5	21,2
downloading movies, images, music; watching TV or video, etc	57,3	57,5	56,6	71,5	70,9	73,0	72,8	72,0	74,6
downloading software	4,8	5,1	3,7	4,1	4,6	2,8	3,4	3,5	3,2
phone talks via the Internet/Volp (Skype, iTalk, via web camera)	44,6	46,7	36,7	34,4	34,6	33,8	37,3	37,6	36,7
communication	50,1	50,1	50,2	59,3	57,8	63,1	61,1	58,4	67,4
banking servicing	8,5	9,7	3,9	36,2	40,8	24,5	42,2	47,8	29,1
search for the information connected with the health issues both for oneself and other persons	30,5	31,1	28,3	27,8	28,9	25,0	26,7	26,0	28,3
ordering (purchasing) goods and services	11,2	11,2	11,2	20,7	20,8	20,3	20,6	20,9	19,9
obtaining information on goods and services not named earlier	19,4	19,9	17,4	4,5	4,8	4,0	4,6	5,1	3,4

<sup>1</sup> See the first footnote to Table 4.40

<sup>2</sup> See the second footnote to Table 4.40

<sup>3</sup> See the third footnote to Table 4.40

## 5. COMMUNITIES AND HOUSING

The chapter contains the information about the housing stock and its maintenance.

The state statistical observation serves a source of information.

**Housing stock** is a set of dwellings including the residential buildings, specialized homes (dormitories, shelters, care homes for the older persons and persons with disabilities both adults and children, children's homes, homes attached to schools and boarding schools), apartments, corporate housing, other dwellings in buildings fit for habitation.

The housing stock excludes country houses, summer cottages, sport and tourist centres, motels, camping sites, sanatoria, rest facilities, boarding houses, guest houses, hotels, rail coaches and other seasonal and temporary lodgements irrespective of the time period spent there by visitors.

**Total living space** comprises the area of dwelling and auxiliary areas (excluding entry vestibules in single-unit dwellings) as

well as area of verandas, terraces and balconies. The coefficients used to calculate space are: terraces and balconies – 0,3; for loggias – 0,5; glassed-in balconies – 0,8; verandes and glassed-in loggias – 1,0.

Auxiliary areas refer to kitchens, bath and shower rooms, toilets, corridors within an apartment, built-in stores and closets.

Apart from those mentioned above, the auxiliary premises of hostels are cultural and household facilities and those where medical services can be provided.

Total living space excludes the size of the following places:

staircases, lift halls, lobbies, general use corridors, halls, galleries;

uninhabited dwellings, occupied by establishments providing housing and communal services, shops, post-offices, children's educational establishments, enterprises providing consumer services, etc.

COMMUNITIES AND HOUSING

**5.1. Housing stock<sup>1</sup>**

(mln.sq.m of total size)

	2000	2005	2010	2015	2017	2018	2019	2020 <sup>2</sup>	2021
Total housing stock	1015,0	1046,4	1079,5	973,8	984,8	993,3	1011,4	1014,8	...
Urban housing stock	643,2	669,9	693,0	592,5	599,4	605,5	621,3	624,9	...
Rural housing stock	371,8	376,5	386,5	381,3	385,4	387,8	390,1	389,9	...

<sup>1</sup> Including the data on the housing stock, which is on the balance sheet of the enterprises-bankrupt and those who completely stopped the activity

<sup>2</sup> Since 2020, methodology for conducting the state statistical survey was changed, due to which units with an average number of employees less than 10 people did not report

**5.2. Housing stock facilities by type of area**

(percent)

	2005		2010		2015		2020 <sup>1</sup>		2021 <sup>1</sup>	
	in urban areas	in rural areas	in urban areas	in urban areas	in urban areas	in rural areas	in urban areas	in rural areas	in urban areas	in rural areas
Percentage of accommodations <sup>2</sup> equipped with										
water supply	76,6	20,0	77,9	78,2	78,2	34,3	78,2	38,6	...	...
sewage	75,4	15,7	76,7	77,1	77,1	30,9	77,1	34,8	...	...
central heating	74,2	24,4	76,7	78,6	78,6	53,9	78,6	55,5	...	...
gas supply	81,8	84,1	82,5	81,5	81,5	84,1	81,5	83,2	...	...
hot water supply	59,7	5,4	60,9	61,0	61,0	21,8	61,0	25,2	...	...

<sup>1</sup> See the second footnote to Table 5.1

<sup>2</sup> In residential buildings, dormitories and non-residential buildings



## COMMUNITIES AND HOUSING

 5.3. Housing stock, by region<sup>1</sup>

(thsd.sq.m of total size)

	Total housing stock				Urban housing stock			
	2010	2015	2020 <sup>2</sup>	2021	2010	2015	2020 <sup>2</sup>	2021 <sup>2</sup>
<b>Ukraine</b>	<b>1079503</b>	<b>973786</b>	<b>1014775</b>	...	<b>692986</b>	<b>592539</b>	<b>624922</b>	...
Autonomous Republic of Crimea	39333	...	...	...	26065	...	...	...
<b>oblasts</b>								
Vinnysya	43963	46778	49132	...	16361	19192	21501	...
Volyn	22124	23364	25507	...	10080	10605	11865	...
Dnipropetrovsk	79043	78931	82732	...	64080	63937	67737	...
Donetsk	101245	51242	52061	...	90752	44356	44727	...
Zhytomyr	33328	33743	33699	...	16577	16755	16557	...
Zakarpattya	28314	30414	32960	...	10031	11143	13104	...
Zaporizhzhya	40911	40935	40677	...	29918	29881	29748	...
Ivano-Frankivsk	32656	35415	38902	...	13339	14424	16830	...
Kyiv	54812	60549	65013	...	27652	29633	31348	...
Kirovohrad	24671	24833	25776	...	14219	14471	15581	...
Luhansk	55414	17808	18784	...	47659	12588	13589	...
Lviv	54254	57414	64634	...	29858	31107	37054	...
Mykolayiv	25965	25795	25273	...	17058	16949	16455	...
Odesa	53414	53421	59280	...	32920	31711	36749	...
Poltava	36996	36327	35968	...	20086	19350	19718	...
Rivne	24454	25545	27821	...	10408	10775	12455	...
Sumy	27725	28217	28547	...	17079	17399	17762	...
Ternopil	25371	27092	28730	...	10320	11389	12555	...
Kharkiv	63788	65269	67367	...	49939	51007	53139	...
Kherson	25927	25476	26728	...	16482	15928	17197	...
Khmelnyskiy	33314	34019	38176	...	15299	15692	19568	...
Cherkasy	33976	34363	34622	...	15984	15924	16132	...
Chernivtsi	20443	22139	23090	...	7757	8496	9081	...
Chernihiv	29757	29817	30531	...	15113	14947	15705	...
<b>cities</b>				...				...
Kyiv	59713	64880	58765	...	59713	64880	58765	...
Sevastopol	8592	...	...	...	8237	...	...	...

<sup>1</sup> See the first footnote to Table 5.1

<sup>2</sup> See the second footnote to Table 5.1

## COMMUNITIES AND HOUSING

## 5.4. Old housing stock, by region

	Number of residential building, units				Total area of dwellings, sq.m			
	2010	2015	2020 <sup>1</sup>	2021 <sup>1</sup>	2010	2015	2020 <sup>1</sup>	2021 <sup>1</sup>
<b>Ukraine</b>	<b>48833</b>	<b>44453</b>	<b>45598</b>	...	<b>4057803</b>	<b>3277838</b>	<b>3326464</b>	...
Autonomous Republic of Crimea	668	...	...	...	87727	...	...	...
<b>oblasts</b>								
Vinnysya	3569	4071	4090	...	184182	213797	221369	...
Volyn	1157	857	675	...	76699	58361	38187	...
Dnipropetrovsk	1810	1966	1464	...	326229	331721	233384	...
Donetsk	5838	2749	3202	...	581792	206978	236409	...
Zhytomyr	2768	3136	3241	...	206174	210315	182416	...
Zakarpattya	663	385	390	...	100505	29719	28885	...
Zaporizhzhya	640	577	614	...	92944	87312	91951	...
Ivano-Frankivsk	1079	1102	1027	...	58842	62665	47897	...
Kyiv	2366	2592	2667	...	112773	125601	120585	...
Kirovohrad	140	123	35	...	19762	20334	7474	...
Luhansk	1856	399	395	...	235852	47888	40350	...
Lviv	1199	1162	1100	...	91608	92073	112534	...
Mykolayiv	959	518	399	...	68225	46529	21803	...
Odesa	4673	4687	4305	...	372191	356998	329238	...
Poltava	1683	2545	3421	...	119047	170430	201508	...
Rivne	1419	1676	1506	...	84748	90416	67736	...
Sumy	2558	3198	3931	...	109956	146576	182522	...
Ternopil	990	903	888	...	45210	40614	39136	...
Kharkiv	4399	4113	4643	...	563811	516499	712752	...
Kherson	918	865	954	...	53252	44532	47742	...
Khmelnyskiy	1889	1823	1857	...	95090	91543	94291	...
Cherkasy	3255	3225	3066	...	196404	160567	142504	...
Chernivtsi	829	182	141	...	47546	14585	11433	...
Chernihiv	1207	1405	1390	...	68419	70451	71106	...
<b>cities</b>				...				...
Kyiv	214	194	197	...	46388	41334	43252	...
Sevastopol	87	...	...	...	12427	...	...	...

<sup>1</sup> See the second footnote to Table 5.1

COMMUNITIES AND HOUSING

5.5. Emergency housing stock, by region

	Number of residential building, units				Total area of dwellings, sq.m			
	2010	2015	2020 <sup>1</sup>	2021 <sup>1</sup>	2010	2015	2020 <sup>1</sup>	2021 <sup>1</sup>
<b>Ukraine</b>	<b>13716</b>	<b>15414</b>	<b>17254</b>	...	<b>1184481</b>	<b>1031568</b>	<b>1011359</b>	...
Autonomous Republic of Crimea	179	...	...	...	96491	...	...	...
<b>oblasts</b>								
Vinnysya	1363	1494	1372	...	71577	80748	74383	...
Volyn	225	185	162	...	16946	9158	7918	...
Dnipropetrovsk	380	830	812	...	72151	73328	54920	...
Donetsk	2471	1454	1673	...	195286	108150	127564	...
Zhytomyr	511	772	908	...	39933	52761	46653	...
Zakarpattya	174	96	122	...	12643	5500	5916	...
Zaporizhzhya	299	371	375	...	18320	27452	25485	...
Ivano-Frankivsk	392	418	419	...	25315	24756	20873	...
Kyiv	503	797	1023	...	36147	42423	45583	...
Kirovohrad	19	4	5	...	7677	5178	5165	...
Luhansk	232	116	169	...	52078	12871	14876	...
Lviv	455	534	656	...	34877	41372	53252	...
Mykolayiv	538	187	214	...	37247	12793	20677	...
Odesa	1147	1562	1961	...	133324	146179	108875	...
Poltava	453	1059	1531	...	21113	47182	72965	...
Rivne	250	389	393	...	20310	25840	18104	...
Sumy	422	752	902	...	17608	31394	43212	...
Ternopil	530	713	722	...	28962	33404	33760	...
Kharkiv	629	746	753	...	45643	48174	44000	...
Kherson	384	427	488	...	33106	27063	30383	...
Khmelnyskiy	372	497	500	...	23842	24373	23681	...
Cherkasy	910	1072	1177	...	52551	80337	63864	...
Chernivtsi	642	440	408	...	47411	32707	28518	...
Chernihiv	176	475	494	...	10321	22351	28411	...
<b>cities</b>				...				...
Kyiv	16	24	15	...	19419	16074	12321	...
Sevastopol	44	...	...	...	14183	...	...	...

<sup>1</sup> See the second footnote to Table 5.1

## 6. 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

### 6.1. Pre-school educational institutions

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

<sup>1</sup> 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

<sup>2</sup> Data by the Ministry of Education and Science of Ukraine

<sup>3</sup> In 2000–2014 and in 2020–2021, 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

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

<sup>5</sup> 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

<sup>6</sup> Since 2010, excluding children at short-stay groups

EDUCATION

**6.2. Pre-school educational institutions, by region**

	Total institution, units						Enrollment, thsd.					
	2000	2005	2010	2015	2020 <sup>1</sup>	2021 <sup>2</sup>	2000	2005	2010	2015	2020 <sup>1</sup>	2021 <sup>2</sup>
<b>Ukraine</b>	<b>16347</b>	<b>15058</b>	<b>15628</b>	<b>14813</b>	<b>15335</b>	<b>14974</b>	<b>983,0</b>	<b>1031,7</b>	<b>1272,7</b>	<b>1291,2</b>	<b>1150,5</b>	<b>1111,4</b>
Autonomous Republic of Crimea	684	613	607	...	...	...	36,3	40,3	51,8	...	...	...
<b>oblasts</b>												
Vinnnytsya	695	644	704	777	786	756	37,8	39,0	46,3	56,2	48,8	47,7
Volyn	305	355	444	483	488	485	17,0	23,1	31,7	37,9	33,5	33,0
Dnipropetrovsk	1115	954	939	964	1003	984	81,3	82,3	99,3	113,9	96,4	89,8
Donetsk	1402	1155	1144	559	568	551	107,0	105,7	125,0	55,1	45,7	43,4
Zhytomyr	482	575	644	687	668	642	28,4	29,8	38,7	46,6	40,6	39,7
Zakarpattya	505	506	532	572	598	573	20,1	26,9	35,5	47,5	39,6	37,4
Zaporizhzhya	655	544	526	522	538	511	44,2	44,4	52,3	57,4	48,7	45,3
Ivano-Frankivsk	285	283	334	402	464	457	17,5	20,0	27,6	33,6	33,9	33,1
Kyiv	776	710	682	735	806	825	44,5	44,9	56,8	69,8	68,0	67,8
Kirovohrad	566	505	530	508	486	458	23,5	24,0	27,6	32,6	26,5	25,0
Luhansk	644	576	528	237	270	260	41,4	42,8	50,9	15,0	13,6	13,0
Lviv	483	478	589	783	876	901	34,9	40,8	57,1	70,3	68,9	68,5
Mykolayiv	541	517	552	568	555	541	28,9	29,3	36,1	42,4	34,9	33,3
Odesa	735	743	744	756	851	798	45,4	51,7	62,9	74,6	69,4	68,0
Poltava	747	599	562	619	634	620	36,3	34,3	40,1	47,9	41,0	38,7
Rivne	263	265	397	510	555	529	18,2	22,3	32,8	41,1	37,8	39,2
Sumy	590	415	495	516	461	425	29,9	28,5	34,5	37,3	31,2	29,1
Ternopil	474	499	506	577	602	590	19,1	21,6	26,4	31,8	28,0	27,6
Kharkiv	742	612	633	712	753	745	55,1	55,4	67,9	79,0	74,1	71,7
Kherson	561	487	493	468	470	468	26,6	27,1	34,3	37,7	31,3	30,0
Khmelnyskiy	757	806	815	784	749	710	34,1	36,6	42,3	46,8	42,2	40,4
Cherkasy	791	691	696	664	617	624	36,1	35,8	39,4	43,2	35,1	33,4
Chernivtsi	252	309	353	379	385	388	15,3	21,2	27,4	32,2	28,3	28,3
Chernihiv	520	461	414	435	441	404	21,9	22,7	26,1	31,1	26,9	24,8
<b>cities</b>												
Kyiv	687	671	679	596	711	729	72,2	70,6	89,3	110,2	106,1	103,2
Sevastopol	90	85	86	...	...	...	10,0	10,6	12,6	...	...	...

<sup>1</sup> See the first footnote to Table 6.1

<sup>2</sup> See the second footnote to Table 6.1

EDUCATION

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

(percent)

	2000	2005	2010	2015	2017	2018	2019	2020 <sup>1</sup>	2021 <sup>2</sup>		
									total	in urban areas	in rural areas
<b>Ukraine</b>	<b>40</b>	<b>51</b>	<b>53</b>	<b>55</b>	<b>59</b>	<b>61</b>	<b>63</b>	<b>63</b>	<b>65</b>	<b>78</b>	<b>43</b>
Autonomous Republic of Crimea	37	48	48	...	...	...	...	...	...	...	...
<b>oblasts</b>											
Vinnitsya	38	51	55	65	69	71	72	70	74	100	47
Volyn	24	38	45	52	55	57	58	56	58	83	38
Dnipropetrovsk	48	58	57	63	65	67	68	68	71	77	41
Donetsk	53	62	61	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>
Zhytomyr	35	47	55	66	69	71	72	72	74	94	48
Zakarpattya	25	37	42	53	56	57	58	55	53	66	47
Zaporizhzhya	49	59	59	64	66	67	68	69	70	81	40
Ivano-Frankivsk	20	28	34	40	44	47	50	49	51	81	32
Kyiv	48	59	60	67	70	72	72	70	71	80	57
Kirovohrad	39	53	55	62	67	69	70	68	70	87	45
Luhansk	39	51	50	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>
Lviv	23	33	41	49	52	54	55	55	58	80	32
Mykolayiv	43	55	59	68	71	73	72	72	74	88	50
Odesa	37	49	47	54	56	57	58	58	59	70	41
Poltava	45	56	58	69	70	72	74	72	72	94	42
Rivne	23	32	41	54	57	60	62	60	59	89	39
Sumy	49	60	66	73	76	77	80	79	80	96	46
Ternopil	29	41	45	54	58	59	60	59	62	86	42
Kharkiv	46	53	54	62	64	67	68	69	72	81	41
Kherson	40	52	59	67	68	70	69	65	65	76	48
Khmelnyskiy	43	59	61	65	68	71	72	72	74	97	45
Cherkasy	49	65	66	70	73	74	75	74	77	95	54
Chernivtsi	26	45	53	57	60	62	62	60	62	86	49
Chernihiv	39	50	54	65	68	70	72	73	73	93	36
<b>cities</b>											
Kyiv	63	65	59	65	63	63	62	63	65	65	×
Sevastopol	63	68	62	...	...	...	...	...	...	...	...

<sup>1</sup> See the first footnotes to Table 6.1

<sup>2</sup> See the second and fifth footnotes to Table 6.1

<sup>3</sup> Information is not released due to low reliability of data used to make calculations

EDUCATION

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

	Number of children <sup>1</sup> , end of 2021		Share of children, who education in Ukrainian, percent					
	total	including education in Ukrainian	2000	2005	2010	2015	2020 <sup>2</sup>	2021 <sup>1</sup>
<b>Ukraine</b>	<b>1111358</b>	<b>1097107</b>	<b>78,0</b>	<b>84,2</b>	<b>85,9</b>	<b>94,2</b>	<b>97,9</b>	<b>98,7</b>
Autonomous Republic of Crimea	...	...	2,8	3,6	3,3	...	...	...
<b>oblasts</b>								
Vinnnytsya	47652	47652	100,0	99,9	100,0	100,0	100,0	100,0
Volyn	33034	33034	100,0	100,0	100,0	100,0	100,0	100,0
Dnipropetrovsk	89796	89498	84,5	89,2	90,6	93,0	97,9	99,7
Donetsk	43352	43352	34,5	65,9	73,7	86,1	98,0	100,0
Zhytomyr	39716	39716	99,8	100,0	100,0	100,0	100,0	100,0
Zakarpattya	37418	32878	90,2	88,6	89,6	88,4	87,6	87,9
Zaporizhzhya	45340	45108	62,9	77,4	84,0	84,7	96,9	99,5
Ivano-Frankivsk	33057	33057	100,0	100,0	100,0	100,0	100,0	100,0
Kyiv	67806	67736	99,6	99,9	99,9	99,9	99,9	99,9
Kirovohrad	25026	24886	98,2	99,2	99,2	99,4	99,4	99,4
Luhansk	13043	12976	19,7	35,6	37,6	59,1	91,7	99,5
Lviv	68489	68414	99,7	99,9	99,8	99,8	99,8	99,9
Mykolayiv	33244	33238	90,4	96,2	95,9	96,8	99,4	99,98
Odesa	68027	65941	62,9	72,9	77,8	73,5	91,7	96,9
Poltava	38685	38685	98,3	99,1	98,8	99,6	100,0	100,0
Rivne	39190	39190	99,9	100,0	100,0	100,0	100,0	100,0
Sumy	29126	29126	97,7	97,5	98,7	99,3	100,0	100,0
Ternopil	27617	27617	100,0	100,0	100,0	100,0	100,0	100,0
Kharkiv	71717	68549	82,7	88,7	88,7	88,6	95,2	95,6
Kherson	29976	29919	83,2	86,3	87,4	88,2	99,5	99,8
Khmelnyskiy	40358	40328	99,9	99,9	99,96	100,0	99,9	99,9
Cherkasy	33444	33444	99,9	99,9	100,0	100,0	100,0	100,0
Chernivtsi	28273	24905	93,6	91,3	91,5	90,1	88,5	88,1
Chernihiv	24780	24780	99,5	99,9	99,9	100,0	100,0	100,0
<b>cities</b>								
Kyiv	103192	103078	99,9	99,9	99,9	99,9	99,8	99,9
Sevastopol	...	...	1,6	2,0	4,4	...	...	...

<sup>1</sup> See the second footnote to Table 6.1

<sup>2</sup> See the first second footnote to Table 6.1

At the end of 2021, 4,4 thsd. children in multi-national regions were taught in Hungarian, 3,4 thsd. in Romanian, 5,2 thsd. in russian, 835 in Moldavian, 105 in Polish, 51 in Slovak, 57 in Crimean Tatar and 209 in English languages.



EDUCATION

**6.5. Tertiary educational institution in 1914–2021**

*(beginning of academic year)*

	General secondary educational institutions <sup>1</sup>		Tertiary educational institution			
			colleges, technical secondary schools, vocational schools <sup>2</sup>		universities, academies, institutes <sup>3</sup>	
	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 <sup>4</sup>	166 <sup>4</sup>	515 <sup>5</sup>	1142 <sup>5</sup>
2021/22	13991	4230	248 <sup>4</sup>	282 <sup>4</sup>	386 <sup>5</sup>	1047 <sup>5</sup>

<sup>1</sup> Source: the Ministry of Education and Science of Ukraine

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

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

<sup>4</sup> 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)

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

## EDUCATION

### 6.6. Enrollment in educational institutions

*(beginning of academic year; thsd.)*

	2000/01	2005/06	2010/11	2015/16	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Total</b>	<b>9220</b>	<b>8605</b>	<b>7224</b>	<b>5692</b>	<b>5730</b>	<b>5819</b>	<b>5824</b>	<b>5766</b>	<b>5809</b>
General secondary educational institutions <sup>1</sup>	6764	5399	4299	3783	3922	4042	4138	4211	4230
day	6647	5301	4228	3750	3894	4017	4116	4191	4103 <sup>2,3</sup>
night (part-time), including distance learning	117	98	71	33	28	25	22	20	17 <sup>3,4</sup>
Professional (vocational and technical) educational institutions <sup>1</sup>	525	497	434	304	269	255	246	247	250
Institutions of professional pre-tertiary education	—	—	—	—	—	—	—	166 <sup>5</sup>	282 <sup>5</sup>
Tertiary educational institution <sup>6</sup>	1931	2709	2491	1605	1539	1522	1440	1142 <sup>5</sup>	1047 <sup>5</sup>
<b>Per 10 thsd. population</b>									
General secondary educational institutions <sup>1</sup>	1383	1151	939	885	925	959	988	1013	1028
Professional (vocational and technical) educational institutions <sup>1</sup>	107	106	95	71	64	60	59	59	60
Institution of professional pre-tertiary education	—	—	—	—	—	—	—	40 <sup>5</sup>	69 <sup>5</sup>
Tertiary educational institution <sup>6</sup>	557	578	544	375	363	361	343	275 <sup>5</sup>	254 <sup>5</sup>

<sup>1</sup> See the first footnote to Table 6.5

<sup>2</sup> Number of pupils in general secondary educational institutions of full-time form of education

<sup>3</sup> 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)

<sup>4</sup> Number of pupils in general secondary educational institutions of night and distance form of education

<sup>5</sup> The information was prepared according to EDEBO data provided by *Inforesource* MES

<sup>6</sup> See the second and third footnote to Table 6.5

At the beginning of the 2021/22 academic year, 66,1 thsd. pupils were trained in 406 general secondary educational institutions based on private ownership, 38,4 thsd. students were trained in 103 tertiary education institutions, based on private ownership.

### 6.7. General secondary educational institutions

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

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

<sup>1</sup> Number of pupils in 10–12

<sup>2</sup> Including part-time

In 2021, 2,8 thsd. pupils attended the 1<sup>st</sup> grades set up at pre-school educational institutions.

EDUCATION

**6.8. General secondary educational institutions, by region**

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

	Institutions						Enrollment, thsd.					
	2000/ 01	2005/ 06	2010/ 11	2015/ 16	2020/ 21	2021/ 22	2000/ 01	2005/ 06	2010/ 11	2015/ 16	2020/ 21	2021/ 22
<b>Ukraine</b>	<b>22210</b>	<b>21589</b>	<b>20300</b>	<b>17337</b>	<b>14873</b>	<b>13991</b>	<b>6764</b>	<b>5399</b>	<b>4299</b>	<b>3783</b>	<b>4211</b>	<b>4230</b>
Autonomous Republic of Crimea	645	632	609	...	...	...	295	223	177	...	...	...
<b>oblasts</b>												
Vinnysya	1072	1040	976	883	747	654	245	205	160	153	167	166
Volyn	832	816	787	753	595	561	167	147	126	129	145	145
Dnipropetrovsk	1113	1094	1044	1002	862	848	492	378	298	309	342	342
Donetsk	1318	1235	1151	563	509	491	588	432	337	150	170	168
Zhytomyr	950	903	844	760	618	578	208	173	137	129	139	138
Zakarpattia	722	716	693	669	635	586	208	182	156	157	171	171
Zaporizhzhya	698	677	639	600	534	496	269	203	159	159	172	170
Ivano-Frankivsk	772	772	761	740	664	606	222	191	155	149	161	161
Kyiv	813	809	781	747	703	656	263	214	172	186	232	240
Kirovohrad	631	617	576	533	309	303	159	125	95	91	97	97
Luhansk	843	793	732	308	273	254	325	234	176	52	56	55
Lviv	1479	1487	1440	1386	1181	1130	390	328	263	260	287	289
Mykolayiv	672	651	592	554	477	453	187	147	114	111	120	119
Odesa	975	975	950	881	786	736	344	283	235	243	278	282
Poltava	962	870	786	694	584	534	222	178	135	128	138	139
Rivne	796	750	707	677	588	553	192	171	147	148	166	168
Sumy	704	658	592	531	404	375	172	130	98	93	99	98
Ternopil	925	920	889	837	687	653	170	145	116	106	112	111
Kharkiv	1007	984	917	818	734	715	373	285	223	230	259	261
Kherson	581	575	509	470	395	384	182	143	110	106	114	114
Khmelnyskiy	1103	1075	926	783	621	578	212	177	138	128	139	139
Cherkasy	719	699	679	630	533	493	199	158	118	110	118	117
Chernivtsi	462	454	447	432	396	349	138	121	100	98	107	108
Chernihiv	843	778	674	590	472	426	166	129	98	92	97	97
<b>cities</b>												
Kyiv	497	534	525	496	566	579	327	261	225	266	325	335
Sevastopol	76	75	74	...	...	...	49	36	31	...	...	...

EDUCATION

**6.9. General secondary educational institution at the beginning of 2021/22 by region**

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

	Total institutions	In which		Including property-based institutions					
		pupils	teachers <sup>1</sup>	public <sup>2</sup>	in which		private	in which	
					pupils	teachers <sup>1</sup>		pupils	teachers <sup>1</sup>
<b>Ukraine</b>	<b>13991</b>	<b>4230358</b>	<b>434755</b>	<b>13585</b>	<b>4164307</b>	<b>426301</b>	<b>406</b>	<b>66051</b>	<b>8454</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
<b>oblasts</b>									
Vinnycya	654	166368	18977	645	165320	18784	9	1048	193
Volyn	561	144931	17792	557	144702	17741	4	229	51
Dnipropetrovsk	848	341862	28750	834	340416	28487	14	1446	263
Donetsk	491	167958	14311	485	167681	14248	6	277	63
Zhytomyr	578	138486	16439	573	137774	16310	5	712	129
Zakarpattya	586	171065	19051	575	169998	18871	11	1067	180
Zaporizhzhya	496	170381	16626	488	169773	16506	8	608	120
Ivano-Frankivsk	606	161157	20850	600	160278	20723	6	879	127
Kyiv	656	240419	21858	602	234558	20862	54	5861	996
Kirovohrad	303	96568	10720	303	96568	10720	—	—	—
Luhansk	254	55234	6076	253	55214	6071	1	20	5
Lviv	1130	289187	34009	1105	285381	33397	25	3806	612
Mykolayiv	453	118973	11386	451	118814	11346	2	159	40
Odesa	736	281913	24460	683	274031	23387	53	7882	1073
Poltava	534	138594	14870	527	138166	14766	7	428	104
Rivne	553	167633	19246	550	167362	19193	3	271	53
Sumy	375	98377	10498	373	98214	10468	2	163	30
Ternopil	653	110968	15287	653	110968	15287	—	—	—
Kharkiv	715	260862	22531	685	250345	21738	30	10517	793
Kherson	384	113562	11263	382	113447	11229	2	115	34
Khmelnyskiy	578	138791	15920	572	138243	15808	6	548	112
Cherkasy	493	117198	13380	484	116566	13255	9	632	125
Chernivtsi	349	107974	11956	345	107254	11866	4	720	90
Chernihiv	426	96599	11449	425	96416	11412	1	183	37
<b>cities</b>									
Kyiv	579	335298	27050	435	306818	23826	144	28480	3224
Sevastopol	...	...	...	...	...	...	...	...	...

<sup>1</sup> See the second footnote to Table 6.7

<sup>2</sup> Property-based Institutions of public and communal

EDUCATION

**6.10. General secondary educational institution at the beginning of 2021/22 academic year**

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

	Total institutions	In which		Including property-based institutions					
		pupils	teachers <sup>1</sup>	public <sup>2</sup>	in which		private	in which	
					pupils	teachers <sup>1</sup>		pupils	teachers <sup>1</sup>
<b>Total</b>	<b>13991</b>	<b>4230358</b>	<b>434755</b>	<b>13585</b>	<b>4164307</b>	<b>426301</b>	<b>406</b>	<b>66051</b>	<b>8454</b>
Primary schools with pre-school unit	321	20333	2303	302	19500	2157	19	833	146
Primary schools	588	45494	4792	511	41553	4150	77	3941	642
Gymnasiums with pre-school unit and primary school	1009	94074	17200	1000	93355	17038	9	719	162
Gymnasiums with primary school	2364	320726	44937	2338	317359	44484	26	3367	453
Lyceums with pre-school unit, primary school and gymnasium	1590	385819	49650	1540	377235	48207	50	8584	1443
Lyceums with primary school and gymnasium	6657	2984759	268575	6513	2945164	264516	144	39595	4059
Lyceums with pre-school unit and gymnasium	13	5323	484	13	5323	484	—	—	—
Lyceums with gymnasium	353	132505	12547	315	127315	11734	38	5190	813
Gymnasiums	231	27664	4256	220	26597	4056	11	1067	200
Lyceums	548	171697	18640	519	169147	18142	29	2550	498
Special general secondary educational institutions <sup>3</sup>	310	41955	11239	307	41750	11201	3	205	38
Schools of social rehabilitation	1	9	9	1	9	9	—	—	—
Health resort general secondary educational institutions <sup>4</sup>	6	× <sup>5</sup>	123	6	× <sup>5</sup>	123	—	—	—

<sup>1</sup> See the second footnote to Table 6.7

<sup>2</sup> See the second footnote to Table 6.9

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

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

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

**6.11. Evening (part-time) general secondary educational institutions**

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

	2000/01	2005/06	2010/11	2015/16	2017/18	2018/19	2020/21	2021/22
Total institutions	245	232	205	136	120	100	58	×
Total pupils (including distance learning) <sup>1</sup> , thsd.	117	98	71	33	28	25	20	17 <sup>2</sup>
of which grades 10–12 (10–16)	99	87	63	30	26	23	18	15 <sup>3</sup>

<sup>1</sup> Including those who were trained in night (part-time) and distance learning grades (groups) set up at day general secondary educational institutions and educational consulting institutions

<sup>2</sup> See the third and the fourth footnote to Table 6.6

<sup>3</sup> See the first footnote to Table 6.7

EDUCATION

**6.12. Pupils of day general secondary educational institutions, by language of instruction and region<sup>1</sup>**

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

	Number of pupils, 2021/2022		Share of pupils, who study in the Ukrainian, percent					
	total	including who study in the Ukrainian	2000/01 <sup>2</sup>	2005/06 <sup>2</sup>	2010/11 <sup>2</sup>	2015/16 <sup>2</sup>	2020/21 <sup>2</sup>	2021/22
<b>Ukraine</b>	<b>4188403</b>	<b>4068582</b>	<b>70</b>	<b>78</b>	<b>82</b>	<b>90</b>	<b>96</b>	<b>97</b>
Autonomous Republic of Crimea	...	...	0,9	5	8	...	...	...
<b>oblasts</b>								
Vinnnytsya	164767	164707	98	99	99,5	99,6	99,8	99,96
Volyn	143857	143857	99	99,7	99,8	99,9	99,99	100
Dnipropetrovsk	336987	328928	68	78	81	81	95	97,6
Donetsk	165814	165369	14	29	47	58	98,4	99,7
Zhytomyr	137250	137250	96	99	99	99,5	99,9	100
Zakarpattya	170645	149990	86	86	87	87	88	87,9
Zaporizhzhya	166600	161170	45	60	73	75	86,5	96,7
Ivano-Frankivsk	160429	160429	99	99,7	99,6	99,4	100	100
Kyiv	239506	239394	97	99	99	99,4	99,9	99,95
Kirovohrad	95274	94548	89	96	98	98	99	99,2
Luhansk	54716	51203	17	34	48	65	91	93,6
Lviv	287201	286196	98	99	99	99	99,5	99,7
Mykolayiv	117198	115876	74	87	92	92	98	98,9
Odesa	279493	265313	47	65	72	69	93	94,9
Poltava	137096	137037	93	97	98	99	99,9	99,96
Rivne	166061	166061	99,7	99,9	99,97	100	100	100
Sumy	97339	97223	83	93	96	96	99,6	99,9
Ternopil	110287	110287	99,7	99,8	99,9	99,9	100	100
Kharkiv	258446	212619	55	71	75	73	79	82,3
Kherson	112002	110513	76	83	85	84	97	98,7
Khmelnytskyi	137582	137446	98	99,3	99,5	99,5	99,9	99,9
Cherkasy	116014	115868	96	98	99	99	99,8	99,9
Chernivtsi	107246	94058	81	81	84	86	87	87,7
Chernihiv	95745	95720	94	99	99,5	99,6	99,9	99,97
<b>cities</b>								
Kyiv	330848	327520	93	96	97	97	98,4	99
Sevastopol	...	...	2	2	3	...	...	...

<sup>1</sup> Excluding pupils from special general secondary educational institutions and special classes

<sup>2</sup> Share of pupils day general secondary educational institutions

Also at the beginning of the 2021/22 academic year, 17,7 thsd. children were taught in Hungarian, 15,5 thsd. in Romanian, 2,3 thsd. in Moldovian, 82,7 thsd. in Russian, 950 in Polish, 203 in English, 128 in Slovakian, 170 in German, 41 pupils in Bulgarian and 69 pupils Crimean Tatar.

## EDUCATION

### 6.13. 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
2016	329	327	2	211	201	10
2017	329	326	3	203	194	9
2018	345	343	2	195	186	9
2019	352	350	2	198	190	8
2020	345	343	2	222	214	8
2021	363 <sup>1</sup>	×	×	229 <sup>2</sup>	×	×

<sup>1</sup> Number of pupils who received a certificate of basic secondary education

<sup>2</sup> Number of pupils who received a certificate of complete general secondary education

In 2021, 63,1% of graduates of the 9<sup>th</sup> joined the 10<sup>th</sup> grade at general secondary educational institutions, 15,7% entered to professional (vocational and technical) educational institutions, and 20,6% were enrolled to tertiary educational institutions.

### 6.14. 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
2016	787	285,8	157,9	152,8
2017	756	269,4	146,9	141,3
2018	736	255,0	136,6	133,5
2019	723	245,8	131,0	124,0
2020	711	246,9	127,9	114,1
2021	694 <sup>1</sup>	250,3	131,2	112,4
Vocational training of persons in 2021 who have completed secondary education	×	60,8	40,8	36,3
got the profession with obtaining the complete general secondary education	×	172,8	63,3	50,1
obtained qualification without complete secondary education	×	6,5	3,6	4,0
involved in vocational training				
not working population	×	1,0	2,5	2,1
enterprise workers	×	8,4	16,4	15,7
involved in upgrading				
not working population	×	0,1	0,8	0,7
enterprise workers	×	0,7	3,8	3,5

<sup>1</sup> In addition to 685 institutions of the Ministry of Education and Science of Ukraine data include 9 institutions of other ministries (agencies)

EDUCATION

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

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

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

**6.16. Institution of professional pre-tertiary and tertiary education<sup>1</sup>**

(beginning of academic year)

	Institution of professional pre-tertiary education		Tertiary educational institutions	
	2020/21	2021/22	2020/21	2021/22
<b>Total institutions, units</b>	<b>129</b>	<b>248</b>	<b>515</b>	<b>386</b>
<b>Total students, thsd.</b>	<b>165,6</b>	<b>282,3</b>	<b>1141,9</b>	<b>1046,7</b>
full-time education	149,2	251,8	829,7	764,4
<b>Number of persons enrolled for training, thsd.</b>	<b>53,4</b>	<b>99,1</b>	<b>277,1<sup>2</sup></b>	<b>239,2<sup>2</sup></b>
full-time education	46,1	86,8	227,2 <sup>2</sup>	200,0 <sup>2</sup>
<b>Number of person graduated from educational institutions<sup>3</sup>, thsd.</b>	<b>47,3</b>	<b>75,4</b>	<b>385,7</b>	<b>261,8</b>
full-time education	41,2	64,9	242,8	167,2

<sup>1</sup> See the fifth footnote to Table 6.6

<sup>2</sup> 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))

<sup>3</sup> End of 2020, 2021

At the beginning of 2021/22, institution of professional pre-tertiary education – 481 foreign students, in tertiary educational institution – 73,6 thsd. foreign students.



EDUCATION

**6.17. Admission and graduation of specialists by institutions of pre-tertiary education by sources of financing of education in 2021<sup>1</sup>**

	Number of persons enrolled for training	Including enrolled for training				Number of persons released from IPPEI <sup>2</sup>
		Central budget		Under the contract		
		total	percentage of total number of the enrolled	total	percentage of total number of the enrolled	
<b>Total</b>	<b>99101</b>	<b>57549</b>	<b>58,1</b>	<b>41552</b>	<b>41,9</b>	<b>75447</b>
By education degree (education and qualification level)						
bachelor	2472	527	21,3	1945	78,7	2375
junior bachelor (junior specialist)	182	59	32,4	123	67,6	72106
professional junior bachelor	96447	56963	59,1	39484	40,9	966

<sup>1</sup> See the fifth footnote to Table 6.6

<sup>2</sup> End of 2021

**6.18. Enrollment and graduation of experts by tertiary education institutions by source of financing in 2021<sup>1</sup>**

	Number of persons enrolled for training <sup>2</sup>	Including enrolled for training				Number of persons graduated from tertiary educational institutions <sup>3</sup>
		Central budget		contract		
		total	percentage of total number of the enrolled	total	percentage of total number of the enrolled	
<b>Total</b>	<b>239218</b>	<b>101151</b>	<b>42,3</b>	<b>138057</b>	<b>57,7</b>	<b>261788</b>
By education degree (education and qualification level)						
master <sup>4</sup>	10431	4952	47,5	5478	52,5	48046
specialist	—	—	—	—	—	7947
bachelor <sup>5</sup>	195658	78425	40,1	117224	59,9	180675
junior bachelor (junior specialist)	2085	537	25,8	1548	74,2	25101
professional junior bachelor	31044	17237	55,5	13807	44,5	19

<sup>1</sup> See the fifth footnote to Table 6.6

<sup>2</sup> See the second footnote to Table 6.16

<sup>3</sup> End of 2021

<sup>4</sup> Including one person who was accepted for education at the expense of the funds of the targeted soft loan

<sup>5</sup> Including one person who was accepted for education at the expense of the funds of the targeted soft loan and 8 people who were accepted for study at the expense of the soft long-term loan

EDUCATION

**6.19. Institution of professional pre-tertiary and tertiary education, by region<sup>1</sup>**

*(beginning of academic year)*

	Institution of professional pre-tertiary education				Tertiary educational institution			
	total		enrollment, thsd.		total		enrollment, thsd.	
	2020/21	2021/22	2020/21	2021/22	2020/21	2021/22	2020/21	2021/22
<b>Ukraine</b>	<b>129</b>	<b>248</b>	<b>165,6</b>	<b>282,3</b>	<b>515</b>	<b>386</b>	<b>1141,9</b>	<b>1046,7</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...
<b>oblasts</b>								
Vinnnytsya	6	11	8,4	14,4	17	12	39,3	32,8
Volyn	3	6	6,1	7,9	10	8	20,7	19,3
Dnipropetrovsk	3	14	13,8	25,4	51	39	82,7	70,3
Donetsk	7	10	7,9	10,2	21	18	27,5	23,9
Zhytomyr	7	14	5,0	12,1	12	5	22,3	17,6
Zakarpattya	5	7	4,2	7,5	9	7	20,2	17,4
Zaporizhzhya	5	7	10,7	13,0	16	14	49,0	46,0
Ivano-Frankivsk	3	6	6,2	9,6	13	10	32,2	30,2
Kyiv	9	15	7,2	10,6	12	7	18,8	15,9
Kirovohrad	6	8	3,8	5,2	9	7	11,6	10,2
Luhansk	3	6	1,8	4,3	10	7	17,9	13,2
Lviv	10	20	9,0	18,3	33	21	95,4	90,4
Mykolayiv	5	8	2,9	7,2	11	8	27,0	21,4
Odesa	9	15	13,5	20,6	31	22	75,1	67,7
Poltava	5	10	7,2	10,5	13	8	34,0	29,9
Rivne	1	4	5,2	10,2	11	7	24,3	18,9
Sumy	8	9	9,0	10,9	7	6	18,9	18,1
Ternopil	6	9	8,5	11,5	11	8	28,3	27,0
Kharkiv	8	13	5,6	9,7	55	46	124,2	122,4
Kherson	5	8	3,6	7,4	13	11	20,7	18,6
Khmelnyskiy	— <sup>2</sup>	7	2,1	6,1	18	11	25,3	22,3
Cherkasy	1	6	1,3	4,2	15	10	32,4	28,8
Chernivtsi	5	11	3,5	7,0	11	5	22,3	18,7
Chernihiv	7	10	5,7	6,5	9	6	13,0	11,9
<b>cities</b>								
Kyiv	2	14	13,4	32,0	97	83	258,8	253,8
Sevastopol	...	...	...	...	...	...	...	...

<sup>1</sup> See the fifth footnote to Table 6.6

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

EDUCATION

**6.20. Training of postgraduate students**

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

<sup>1</sup> See the fifth footnote to Table 6.6

<sup>2</sup> Before 2017, full-time

<sup>3</sup> Before 2017, part-time

## 7. 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

**7.1. Health care institutions, facilities and personnel<sup>1</sup>**

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

	Total medical practitioners (doctors) <sup>2</sup>	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 <sup>3</sup>	144	261	1,2	245	8,2

<sup>1</sup> Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2021 the data cover the current territory of Ukraine

<sup>2</sup> Since 2008, excluding dental technicians

<sup>3</sup> In institutions which are under the management of the Ministry of Health of Ukraine

**7.2. Health care indicators**

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

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

<sup>1</sup> See the third footnote to Table 7.1

<sup>2</sup> See the second footnote to Table 7.1

<sup>3</sup> End of year

## HEALTH CARE AND SOCIAL PROTECTION

**7.3. Physicians of all specialisations<sup>1</sup>, by region***(source: the Ministry of Health of Ukraine; end of year; thsd.)*

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

<sup>1</sup> See the second footnote to Table 7.1<sup>2</sup> See the third footnote to Table 7.1

## HEALTH CARE AND SOCIAL PROTECTION

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

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

<sup>1</sup> See the third footnote to Table 7.1



## HEALTH CARE AND SOCIAL PROTECTION

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

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

<sup>1</sup> See the third footnote to Table 7.1

## HEALTH CARE AND SOCIAL PROTECTION

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

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

<sup>1</sup> See the third footnote to Table 7.1

## HEALTH CARE AND SOCIAL PROTECTION

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

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

**7.8. HIV infections and number of persons registered as HIV positive<sup>1</sup>***(source: the Ministry of Health of Ukraine; thsd.)*

	HIV infected persons						Of which positive persons					
	2000	2005	2010	2015	2020	2021	2000	2005	2010	2015	2020	2021
Total newly registered HIV infected persons	6,3	13,8	20,5	15,9	17,6	17,3	0,7	4,2	5,9	8,5	4,1	4,2
Total patients registered at medical institutions, end of year	30,7	62,9	110,5	126,8	148,6	154,5	0,9	5,1	14,0	34,1	47,8	47,7

<sup>1</sup> Including foreign citizens

At the end of 2021, 54,4% of HIV infected and registered as HIV positive persons were males and 30,2% were those infected through drug injections.

## HEALTH CARE AND SOCIAL PROTECTION

**7.9. HIV infected and HIV positive, by region<sup>1</sup>***(source: the Ministry of Health of Ukraine; total newly registered)*

	HIV infected persons						Including HIV infected persons – positive persons					
	2000	2005	2010	2015	2020	2021	2000	2005	2010	2015	2020	2021
<b>Ukraine</b>	<b>6307</b>	<b>13786</b>	<b>20521</b>	<b>15892</b>	<b>17637</b>	<b>17324</b>	<b>653</b>	<b>4220</b>	<b>5871</b>	<b>8475</b>	<b>4145</b>	<b>4155</b>
Autonomous Republic of Crimea	412	896	1086	...	...	...	92	235	182	...	...	...
<b>oblasts</b>												
Vinnysya	101	248	359	303	271	226	8	82	180	183	152	113
Volyn	96	158	214	278	174	152	3	26	99	128	61	62
Dnipropetrovsk	920	2045	3259	2881	3887	3675	17	778	1116	2047	538	558
Donetsk	1503	2997	4031	1024	1376	1199	73	1343	1226	645	538	417
Zhytomyr	59	225	463	462	340	318	7	68	133	216	122	127
Zakarpattya	17	36	62	71	101	107	1	9	3	52	18	33
Zaporizhzhya	144	406	558	573	512	487	18	102	195	377	94	97
Ivano-Frankivsk	18	74	170	180	86	114	4	8	41	85	11	14
Kyiv	63	333	753	973	882	956	3	95	192	408	207	316
Kirovohrad	45	173	302	519	475	402	1	13	75	230	155	85
Luhansk	153	525	746	184	157	165	5	67	295	102	36	49
Lviv	89	209	479	454	320	373	5	43	153	189	98	207
Mykolayiv	453	802	1107	863	668	608	75	288	82	371	186	178
Odesa	977	1349	2143	2385	3894	4487	275	442	461	1407	977	998
Poltava	121	303	413	450	288	282	—	80	183	256	39	50
Rivne	22	82	244	249	159	187	4	9	23	86	46	67
Sumy	36	92	217	224	150	157	3	21	67	99	57	74
Ternopil	60	65	105	116	87	70	—	14	39	41	20	24
Kharkiv	153	401	527	527	726	657	8	42	126	204	166	147
Kherson	195	327	560	521	548	479	18	61	133	187	96	76
Khmelnyskiy	110	241	297	194	195	168	1	48	105	128	84	82
Cherkasy	151	300	471	542	387	302	3	94	173	262	85	75
Chernivtsi	25	62	102	98	66	70	9	23	18	50	32	36
Chernihiv	84	236	507	498	457	397	1	27	115	238	65	66
<b>cities</b>												
Kyiv	217	1023	1088	1323	1431	1286	15	73	371	484	262	204
Sevastopol	83	178	258	...	...	...	4	129	85	...	...	...

<sup>1</sup> See the footnote to Table 7.8

## HEALTH CARE AND SOCIAL PROTECTION

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

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

**7.11. Incidence of malignant tumours in 2021, by location***(source: the Ministry of Health of Ukraine; persons)*

	Total	Including	
		males	females
<b>Total newly registered</b>	<b>115811</b>	<b>54650</b>	<b>61161</b>
including malignant tumour			
lips, mouth and throat	4557	3702	855
oesophagus	1400	1215	185
stomach	5902	3668	2234
rectum	6785	3729	3056
larynx	1481	1400	81
trachea, bronchi, lungs	10158	8093	2065
skin	14085	5959	8126
mammary glands	13512	107	13405
womb	9572	×	9572
kidney	3911	2260	1651
urine bladder	3511	2846	665
thyroid gland	2749	486	2263
lymphatic and hemogenic tissue	5949	3003	2946

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

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

<sup>1</sup> Among the persons newly registered as sick of active form of tuberculosis in 2021, 69,7% were males, and 94,4% were sick of respiratory tuberculosis

## HEALTH CARE AND SOCIAL PROTECTION

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

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

## HEALTH CARE AND SOCIAL PROTECTION

**7.14. Incidence of venereal disease**

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

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

<sup>1</sup> See the third footnote to Table 7.1

**7.15. Abortions**

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

	2000	2005	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Total abortions <sup>2</sup>	434	264	177	106	95	87	80	65	55

<sup>1</sup> See the third footnote to Table 7.1

<sup>2</sup> Includes mini abortions conducted by applying vacuum aspiration during the first weeks of pregnancy

**7.16. Industrial injuries**

	2000	2005	2010	2015	2017	2018	2019 <sup>1</sup>	2020 <sup>1</sup>	2021 <sup>1</sup>
<b>Thsd.</b>									
Number of accident victims (acute occupational diseases (poisonings/ accidents) that resulted in loss of labour capacity for one or more days and fatal accidents victims, persons	34,3	21,2	12,2	4,4	4,4	4,0	4,4	6,6	12,3 <sup>2</sup>
including fatal accidents	1,2	1,0	0,6	0,3	0,3	0,3	0,4	0,4	0,5
The duration of temporary incapacity for work of accident victims that ended in the reference year, working days	...	769	492	212	224	215	230	181	200
<b>Per 1000 employees</b>									
Number of accident victims (acute occupational diseases (poisonings/ accidents) that resulted in loss of labour capacity for one or more days and fatal accidents victims, persons	2,6	1,8	1,2	0,6	0,6	0,5	0,6	0,9	1,7
including fatal accidents	0,095	0,084	0,056	0,040	0,038	0,036	0,055	0,054	0,076
Total days of disability	...	65,7	47,4	26,3	31,7	28,0	30,9	24,6	28,2
<b>Per 1 injured</b>									
Total person of disability	...	36,3	40,2	47,7	55,4	53,2	52,3	27,2	16,3

<sup>1</sup> Source: the Social Insurance Fund of Ukraine

<sup>2</sup> Therefore, 34 of the injured were transferred to easier job

## HEALTH CARE AND SOCIAL PROTECTION

**7.17. Number of persons with disabilities, by region<sup>1</sup>***(as of January 1, 2022)*

	Total	Including			
		1 <sup>st</sup> group	2 <sup>nd</sup> group	3 <sup>rd</sup> group	children with disabilities
<b>Ukraine</b>	<b>2725826</b>	<b>207159</b>	<b>886731</b>	<b>1469722</b>	<b>162214</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnnytsya	122843	9890	30897	75708	6348
Volyn	82906	8370	26206	42615	5715
Dnipropetrovsk	172788	12692	44836	102105	13155
Donetsk	160158	11482	42999	98990	6687
Zhytomyr	112602	9790	41864	54975	5973
Zakarpattya	76774	5840	19519	44472	6943
Zaporizhzhya	108872	8915	31518	61202	7237
Ivano-Frankivsk	109373	8432	31789	62727	6425
Kyiv	129486	9722	53827	57485	8452
Kirovohrad	59023	4254	15336	35591	3842
Luhansk	47062	3801	15170	25903	2188
Lviv	216954	16764	49318	139687	11185
Mykolayiv	66545	5710	16939	39395	4501
Odesa	159048	12190	73808	64554	8496
Poltava	101759	6904	39750	49760	5345
Rivne	74243	5645	18537	43722	6339
Sumy	59515	5454	17234	33148	3679
Ternopil	73100	5659	18429	44160	4852
Kharkiv	162432	10020	58845	84195	9372
Kherson	49831	3627	12705	29494	4005
Khmelnyskiy	150753	8530	49522	86871	5830
Cherkasy	136044	9221	68976	53258	4589
Chernivtsi	58039	4622	14121	34691	4605
Chernihiv	77574	7639	23564	42027	4344
<b>cities</b>					
Kyiv	158102	11986	71022	62987	12107
Sevastopol	...	...	...	...	...

<sup>1</sup> 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

**7.18. Number of newly recognized persons with disabilities by class of diseases in 2021***(source: the Ministry of Health of Ukraine)*

	Thsd.		Percent	
	total <sup>1</sup>	including of working age	total <sup>1</sup>	including of working age
<b>Total</b>	<b>121,0</b>	<b>98,1</b>	<b>100,0</b>	<b>100,0</b>
due to the following diseases				
infectious and parasitic diseases	3,6	3,5	3,0	4,6
neoplasm	27,8	20,5	23,0	13,7
blood and hemogenic organs and selected disorders involving the immunity	0,2	0,2	0,1	0,3
endocrine system, nutrition and metabolic disorders	5,9	4,9	4,9	6,8
psychological and behavioural disorders	5,8	5,2	4,8	13,2
nervous system	5,8	5,3	4,8	9,7
eyes and eye adventive organ	3,6	2,9	3,0	4,1
ears and mammillary appendix	0,7	0,7	0,6	1,9
blood circulation	29,1	21,3	24,0	6,8
respiratory organs	2,3	2,0	1,9	2,0
digestion organs	2,8	2,5	2,3	2,5
urogenital system	1,7	1,4	1,4	1,8
bony and muscle systems and connective tissue	17,9	15,2	14,8	12,5
traumas, poisoning and consequences of other external reasons	10,3	9,2	8,5	12,1
other reasons	3,5	3,3	2,9	8,0

<sup>1</sup> Population aged 18 and older

Of total number of the injured, 2,8 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 2,5 thsd. persons (88,9%) were of working age.

## HEALTH CARE AND SOCIAL PROTECTION

**7.19. 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	2021	2005	2010	2015	2020	2021
<b>Ukraine</b>	<b>212,2</b>	<b>173,5</b>	<b>138,2</b>	<b>117,7</b>	<b>121,0</b>	<b>64,9</b>	<b>54,0</b>	<b>47,9</b>	<b>43,1</b>	<b>45,0</b>
Autonomous Republic of Crimea	11,3	7,2	...	...	...	4,0	2,3	...	...	...
<b>oblasts</b>										
Vinnnytsya	7,8	7,2	7,0	5,3	5,3	3,6	3,4	3,2	2,5	2,5
Volyn	4,0	3,7	3,8	2,9	3,1	1,8	1,6	1,8	1,4	1,5
Dnipropetrovsk	15,5	11,7	11,0	8,8	8,9	2,0	1,7	1,8	1,4	1,5
Donetsk	24,4	16,7	6,7	6,1	6,1	2,7	1,5	1,0	1,4	1,5
Zhytomyr	6,3	5,2	4,6	4,3	5,0	2,5	2,2	1,9	1,8	1,8
Zakarpattya	5,3	4,3	3,9	3,3	3,8	3,7	3,0	2,7	2,3	2,6
Zaporizhzhya	7,9	7,2	6,9	6,4	6,3	1,5	1,4	1,4	1,3	1,2
Ivano-Frankivsk	5,5	4,5	4,8	4,5	4,7	3,1	2,4	2,6	2,8	3,0
Kyiv	7,1	6,4	6,4	5,5	5,3	2,8	2,4	2,5	2,2	2,0
Kirovohrad	4,6	3,7	3,7	2,8	2,6	1,6	1,5	1,4	1,3	1,2
Luhansk	10,6	8,8	2,1	1,6	1,4	2,6	1,4	0,7	0,4	0,4
Lviv	11,3	10,9	11,2	9,3	10,5	4,3	4,5	4,8	4,2	4,8
Mykolayiv	6,2	5,0	4,2	3,2	3,1	2,0	1,6	1,4	1,0	1,0
Odesa	12,9	9,4	7,9	7,3	7,7	4,7	3,7	3,2	3,4	3,6
Poltava	6,6	5,9	5,7	6,0	6,4	2,6	2,4	2,3	2,6	2,7
Rivne	5,0	4,3	3,7	3,0	3,4	2,5	2,2	2,1	1,7	2,0
Sumy	3,9	3,8	3,5	2,9	3,0	1,1	1,0	1,0	0,8	0,8
Ternopil	4,9	4,0	3,9	3,3	3,7	2,8	2,2	2,3	2,1	2,3
Kharkiv	9,9	8,8	8,5	7,3	7,5	1,7	1,5	1,8	1,3	1,4
Kherson	5,0	3,7	3,4	2,5	2,5	1,9	1,3	1,1	0,8	0,9
Khmelnyskiy	5,7	5,5	4,4	4,6	3,4	2,4	2,7	1,9	1,9	1,8
Cherkasy	6,2	5,7	4,1	3,7	3,6	2,4	2,1	1,6	1,6	1,4
Chernivtsi	4,0	3,2	3,2	2,7	2,9	2,3	2,0	1,9	1,7	1,9
Chernihiv	5,7	5,1	4,1	3,3	3,3	2,2	1,9	1,5	1,2	1,2
<b>cities</b>										
Kyiv	12,5	9,6	9,5	7,1	7,5	×	×	×	×	×
Sevastopol	2,1	2,0	...	...	...	0,1	0,1	...	...	...

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

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

In 2021, 369 territory centres of social services (provision of social services) provided household, and medical and social services to persons who were in difficult life circumstances while staying at these inpatient, temporary residence and full-day territorial centres of social services, and at their homes and serviced 557,5 thsd. persons.

## HEALTH CARE AND SOCIAL PROTECTION

**7.21. 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	2021	2000	2005	2010	2015	2020	2021
<b>Ukraine</b>	<b>275</b>	<b>319</b>	<b>323</b>	<b>290</b>	<b>281</b>	<b>282</b>	<b>52997</b>	<b>57124</b>	<b>58349</b>	<b>50081</b>	<b>48448</b>	<b>47516</b>
Autonomous Republic of Crimea	10	10	11	...	...	...	1802	1932	1985	...	...	...
<b>oblasts</b>												
Vinnysya	10	10	10	10	9	9	2041	2041	2041	2041	1951	1830
Volyn	6	6	6	6	6	6	915	915	915	835	835	835
Dnipropetrovsk	18	18	18	18	17	17	3720	3716	3925	3907	3692	3659
Donetsk	17	19	21	10	10	10	5185	5914	6194	3101	2736	2736
Zhytomyr	12	15	15	15	15	14	2249	2644	2630	2617	2574	2574
Zakarpattya	7	7	7	7	7	7	1396	1422	1310	1317	1312	1292
Zaporizhzhya	11	11	11	12	10	10	2240	2390	2590	2777	2615	2505
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	1979
Kirovohrad	12	12	12	12	12	12	1590	1885	1890	1905	1896	1710
Luhansk	14	19	20	10	10	10	2616	3268	3540	1298	1288	1288
Lviv	13	13	13	13	13	13	1650	1748	1808	1757	1871	1872
Mykolayiv	10	10	10	10	10	10	1417	1542	1553	1553	1553	1510
Odesa	10	10	10	10	10	12	2149	2140	2180	1988	1925	1869
Poltava	14	14	14	14	14	14	2600	2675	2555	2350	2305	2225
Rivne	7	7	7	7	7	7	1165	1151	1214	1210	1235	1235
Sumy	13	13	13	13	12	12	1957	2011	2001	1915	1915	1915
Ternopil	7	7	7	7	7	7	1276	1276	1276	1046	886	886
Kharkiv	16	18	18	18	18	18	3675	3660	3315	3352	3165	3086
Kherson	6	11	11	11	10	10	1443	1650	1688	1571	1534	1523
Khmelnyskiy	7	31	31	29	27	27	1095	2027	2025	2025	2050	2050
Cherkasy	14	14	14	14	14	14	2205	2225	2317	2326	2301	2291
Chernivtsi	7	7	7	7	7	7	935	871	1140	1145	1103	1073
Chernihiv	9	9	9	9	9	9	1975	2028	2117	2018	1990	1799
<b>cities</b>												
Kyiv	7	7	8	8	8	8	2507	2507	2647	2707	2480	2514
Sevastopol	1	1	1	...	...	...	170	179	179	...	...	...

## HEALTH CARE AND SOCIAL PROTECTION

**7.22. Cash benefits to low-income persons incapable of working***(source: by Pension Fund of Ukraine; as of January 1, 2022)*

	Total, thsd. persons	Including in rural areas	Average amount of monthly benefit per person, UAH
<b>Total</b>	<b>301,9</b>	<b>132,6</b>	<b>43,34</b>
of which pensioners			
on disability	26,6	11,1	51,10
survivors who lost their benefactor	0,2	0,1	47,17
those receiving social pension	59,5	30,3	41,04
Out of the total number to lonely pensioners	2,0	0,9	53,22

**7.23. Provision of targeted in-kind and monetary aid by entity rendering social services in 2021***(source: the Ministry of Social Policy of Ukraine)*

	Total, thsd. persons	Of which women	Of which those residing in rural areas	Aid provided, thsd. persons		Average size of aid per person, UAH	
				cash	in-kind	cash	in-kind
<b>Persons who were identified and registered and required assistance</b>	<b>421,0</b>	<b>300,5</b>	<b>167,6</b>	<b>52,9</b>	<b>323,9</b>	<b>2528,81</b>	<b>497,00</b>
of which							
old-age persons, with disables, patients without relatives, who must provide them with care and assistance	255,6	184,6	97,2	31,0	223,9	1775,83	526,43
persons who enjoy special conditions of free service	47,0	32,4	24,0	11,8	36,3	2373,01	210,25
persons who are in complicated real-life situation due to unemployment, natural disaster, catastrophe if average monthly total income of their families is lower than subsistence level for family	18,3	12,1	9,0	3,7	15,9	8564,24	1480,88
internally displaced persons	4,7	3,5	1,0	0,3	4,0	3237,80	431,58
family members of the ATO participants	3,1	1,2	1,7	1,5	1,6	3591,76	210,05

Low-income persons, who are in complicated real-life situation, also received in-kind aid as foodstuffs and manufactured goods, cooked meals, medicines, items for medical purposes and other types of aid.

## HEALTH CARE AND SOCIAL PROTECTION

**7.24. Selected boarding schools and institutions for social protection of children<sup>1</sup>***(end of year)*

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

<sup>1</sup> Source: Ministry of Education and Science of Ukraine, Ministry of Social Policy of Ukraine, Ministry of Health of Ukraine<sup>2</sup> Since 2009, including special boarding schools and children in them<sup>3</sup> The total number of children in facilities apart from orphans and children who are deprived from parental care, includes also children that have parents<sup>4</sup> Were during the reporting year

At the end of 2021, 9083 children resided at 1298 family type children's homes, 5830 children in 3049 foster homes, and 6185 children in 74 centres of social and psychological rehabilitation.

## HEALTH CARE AND SOCIAL PROTECTION

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

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

## HEALTH CARE AND SOCIAL PROTECTION

**7.26. 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	2021	2010	2015	2020	2021
<b>Total</b>	<b>3426</b>	<b>7880</b>	<b>6029</b>	<b>6185</b>	<b>11978</b>	<b>1123</b>	<b>549</b>	<b>564</b>
town-dwellers	1902	4366	3272	3223	6591	619	207	223
rural dwellers	1524	3514	2757	2962	5387	504	342	341
boys	1943	4152	3173	3220	6939	610	288	310
girls	1483	3728	2856	2965	5039	513	261	254
Have complete family	993	1991	1952	1511	2995	231	165	172
Have incomplete family	1629	4196	4015	3549	7598	737	287	317
Children from families where parents evade their responsibilities	528	3265	3375	3205	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	58	758	66	28	26
those sent to centres to settle their affairs	390	975	717	743	x	x	x	x
those who live in family-type children's homes	x	x	x	x	59	10	24	13
those who live in tutors' family or with curators	71	567	256	324	568	79	45	36
Those in centres or shelter-care facilities due to <sup>1</sup>								
difficult life circumstances	2683	5798	4335	4555	x	x	x	x
absence of family environment	308	1777	1459	1396	x	x	x	x
transition from shelter-care facilities for children	428	228	102	117	x	x	x	x
cruel behaviour	7	77	123	117	x	x	x	x
physical abuse	x	x	x	x	75	15	10	14
mental violence	x	x	x	x	9	—	3	—
sexual violence	x	x	x	x	2	1	—	—
child's individual application	2031	304	103	92	905	103	27	34
withdrawal from family	x	x	x	x	5715	526	314	368
find on to street	x	x	x	x	435	15	28	13
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	111
leaving boarding school without permission	x	x	x	x	661	54	19	—
transferring from other shelters	x	x	x	x	225	66	25	36
delivering from accepting and distribution center	x	x	x	x	65	2	—	—
delivering from health care institution	x	x	x	x	190	22	8	2
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	41

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

## 8. CULTURE, LEISURE, SPORT AND TOURISM

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).

**Collective accommodation facilities** are accommodation facilities where one can stay overnight in a room or other premise with the total number of beds equaling to 10 and more. The collective accommodation facilities include hotels and similar accommodation facilities (hotels, motels), accommodation facilities for the leave period or other temporary residence (hostels, rest homes, boarding houses, recreation facilities, tourist camps, mountain skiing huts), camping sites and parking facilities for recreational vehicles, trailers and other accommodation facilities (dormitory accommodations for visitors, other places for temporary accommodation).

**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.

**Tour operators** are legal persons whose exclusive activity is the organization and creation of tourism product, sale and provision of tourism services as well as intermediate activity and provision of specific and related services and who obtained license for tour operator activities according to the established procedure.

**Travel agents** are legal persons and natural persons-entrepreneurs who carry out intermediate activity related to the sale of tourism product of tour operators and tourism services of other entities dealing with tourism activity as well as intermediate activity regarding the sale of specific and related services.

**Tourism** is activity of visitors who travel to the main destination outside their usual environs (provided that the duration of such a trip is less than a year) with any main purpose (business trip, recreation or other personal purpose) apart from wage work at resident entity in the country or place of visiting.

**Tourist** is a visitor (domestic, inbound or outbound) whose trip includes overnight stop.

**Outbound tourism** is activity of resident visitors outside the relevant country during outbound tourist trip.

**Inbound tourism** is activity of resident visitors inside the relevant country during inbound tourist trip.

**Domestic tourism** is an activity of resident visitors within the limits of appropriate country during domestic tourist trip or part of outbound tourist trip.



CULTURE, LEISURE, SPORT AND TOURISM

**8.1. Cultural institutions in 1913–2021**

	Theatres	Museums	Libraries <sup>1</sup>	Cinemas <sup>1</sup>	Club-houses <sup>1</sup>
1913	47	36	3153	265 <sup>2</sup>	...
1940	140	174	22297	5822	25030
1950	81	137	34915	7188	28733
1955	79	120	35079	9645	28468
1960	68	132	32645	19668	28486
1965	61	131	29238	26271	26021
1970	66	147	27611	28816	25861
1975	77	154	26884	27797	25915
1980	84	167	26233	27690	26104
1985	89	174	25978	28305	25772
1990	125	214	25644	27211	25146
1995	136	314	23816	16100	22954
2000	131	378	20722	6877	20408
2005	135	437	19821	3330	19149
2010	140	546	19487	2196	18593
2015	113	564	17272	1118	17195
2016	112	576	17000	...	17133
2017	112	574	16824	...	17090
2018	...	...	16601	...	17017
2019	...	...	16176	...	16348
2020	...	...	16064 <sup>3</sup>	...	16415 <sup>3</sup>
2021	...	...	...	...	...

<sup>1</sup> Source: the Ministry of Culture and Information Policy of Ukraine

<sup>2</sup> At the end of 1914

<sup>3</sup> Source: the State Agency of Ukraine on Arts and Art Education

CULTURE, LEISURE, SPORT AND TOURISM

**8.2. Libraries, cinemas and club-houses**

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

	Total						Including in rural areas					
	2000	2005	2010	2015	2020	2021	2000	2005	2010	2015	2020	2021
Total libraries, thsd.	20,7	19,8	19,5	17,3	16,1 <sup>1</sup>	...	15,7	15,1	14,9	13,7	12,9 <sup>1</sup>	...
Library stocks, mln. copies	343	330	326	266	191 <sup>1</sup>	...	151	146	138	116	99 <sup>1</sup>	...
Cinemas, thsd.	6,9	3,3	2,2	1,1	...	...	5,9	2,5	1,6	0,7	...	...
Number of spectators at film shows, mln.	6	10	9	11	...	...	2	1	0,4	0,1	...	...
Club-houses, thsd.	20,4	19,1	18,6	17,2	16,4 <sup>1</sup>	...	17,7	16,8	16,5	15,6	15,1 <sup>1</sup>	...
total seats, mln.	5,4	5,0	4,7	4,3	3,7 <sup>1</sup>	...	4,3	4,0	3,9	3,6	...	...

<sup>1</sup> See the third footnote to Table 8.1

**8.3. Art schools**

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

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

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

CULTURE, LEISURE, SPORT AND TOURISM

**8.4. Publication of books, magazines and newspapers**

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

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

<sup>1</sup> Periodic publication (excluding newspapers) its magazines, publications, bulletins and bibliographic publications

CULTURE, LEISURE, SPORT AND TOURISM

**8.5. Sports school for children in 2021, 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
<b>Ukraine</b>	<b>1167</b>	<b>434268</b>	<b>34</b>	<b>3949</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnnytsya	54	17076	1	157
Volyn	28	8944	1	84
Dnipropetrovsk	79	37662	1	218
Donetsk	46	22264	1	295
Zhytomyr	41	12693	1	122
Zakarpattia	34	11874	1	120
Zaporizhzhya	63	19522	1	108
Ivano-Frankivsk	40	15870	1	58
Kyiv	54	22365	1	186
Kirovohrad	30	11041	1	55
Luhansk	23	7341	1	106
Lviv	66	22852	1	147
Mykolayiv	48	14235	2	168
Odesa	72	22971	1	55
Poltava	42	15195	1	148
Rivne	34	12588	1	131
Sumy	43	13140	1	133
Ternopil	29	9024	1	104
Kharkiv	71	41106	2	337
Kherson	34	12003	1	70
Khmelnyskiy	38	14991	1	114
Cherkasy	35	11639	1	131
Chernivtsi	28	10121	1	92
Chernihiv	44	13191	2	236
<b>cities</b>				
Kyiv	91	34560	7	574
Sevastopol	...	...	...	...

CULTURE, LEISURE, SPORT AND TOURISM

**8.6. Activity of physical training and sports institutions**

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

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

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

<sup>2</sup> Including 149,7 thsd. persons in vocational pre-higher education institutions

CULTURE, LEISURE, SPORT AND TOURISM

**8.7. Sports facilities**

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

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

CULTURE, LEISURE, SPORT AND TOURISM

**8.8. Physical training and health activities in 2021**

(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
<b>Total</b>	<b>4477098</b>	<b>2700439</b>
including		
at pre-school educational institutions <sup>1</sup>	549846	34404
at general secondary educational institutions <sup>1</sup>	1978911	1978911
at professional (vocational and technical) educational institutions <sup>1</sup>	99501	81215
at vocational pre-higher education institutions	149688	99157
at tertiary educational institutions <sup>1</sup>	309179	113246
at out-of-school educational institutions	125679	119509
in enterprises, institutions and organisations	749203	78470
in organisations that engaged in physical training and health activities, by place of residence	515091	195527
Of the total number of disabled involved in rehabilitation and health improving activity	49977	...

<sup>1</sup> See the footnote to Table 8.9

**8.9. Number of tourists serviced by tour operators and travel agents<sup>1</sup>, by type**

(thsd.)

	2015	2017	2018	2019	2020	2021
<b>Total</b>	<b>2019</b>	<b>2806</b>	<b>4557</b>	<b>6132</b>	<b>2360</b>	<b>...</b>
inbound (foreign tourists)	15	39	76	87	12	...
outbound tourists (Ukraine's citizens who traveled abroad)	1647	2290	4024	5525	2126	...
domestic tourists	357	477	457	520	222	...

<sup>1</sup> Legal persons and natural persons-entrepreneurs

## 9. 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

**9.1. Number recorded criminal offences, by individual species<sup>1</sup>**

(thsd.)

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

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

<sup>2</sup> 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 2021, 124,1 thsd. were classified as grave and very grave offences.

**9.2. Number of the registered criminal offences, by region<sup>1</sup>**

(thsd.)

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

<sup>1</sup> See the first footnote to Table 9.1

<sup>2</sup> See the second footnote to Table 9.1

JUSTICE AND CRIME

**9.3. Criminal offences in the sphere of distribution of narcotic drugs, psychotropic substances, their analogues or by precursors<sup>1</sup>**

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

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

<sup>2</sup> See the second footnote to Table 9.1

**9.4. Court convictions, by selected crime<sup>1</sup>**

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

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Total convicted</b>	<b>230,9</b>	<b>176,9</b>	<b>168,8</b>	<b>94,8<sup>2</sup></b>	<b>76,8<sup>2</sup></b>	<b>73,7<sup>2</sup></b>	<b>70,4<sup>2</sup></b>	<b>67,5<sup>2</sup></b>	<b>64,1<sup>2</sup></b>
of whom of									
premeditated murders	3,9	2,1	2,0	0,8	0,6	0,5	0,4	0,5	0,6
premeditated severe injuries	4,9	4,1	3,4	1,7	1,3	1,1	1,1	1,1	1,1
rapes	0,9	0,7	0,4	0,1	0,1	0,0	0,1	0,1	0,1
hooliganism	108,4	60,1	61,0	41,2	34,2	34,0	32,1	28,6	28,8
violent crime	4,9	4,4	3,8	1,0	0,9	0,6	0,6	0,6	0,6
robberies	10,0	13,4	11,6	4,8	4,1	3,5	3,5	3,2	3,0
extortion	1,4	0,7	0,4	0,1	0,1	0,1	0,1	0,0	0,1

<sup>1</sup> In 2000, including those convicted by interregional court; since 2005, those convicted by military courts

<sup>2</sup> Excluding some courts of Donetsk and Luhansk oblasts

JUSTICE AND CRIME

9.5. Court convictions, by region<sup>1</sup>

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

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

<sup>1</sup> See the first footnote to Table 9.4

<sup>2</sup> See the second footnote to Table 9.4

JUSTICE AND CRIME

**9.6. Institutions executing sentences and number of prisoners**

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

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Number of institutions executing sentences	137	147	151	146	146	146	146	146	146
including									
for females	11	12	12	14	14	14	14	14	14
for minors	11	11	10	6	6	6	6	6	6
Number of prisoners, thsd.	177,1	138,3	115,4	54,5	39,0	36,6	34,9	32,7	32,7
including									
for females	10,9	8,5	6,7	2,8	1,9	1,7	1,6	1,5	1,5
for minors	2,5	2,1	0,9	0,2	0,1	0,1	0,0	0,0	0,0

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

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

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

JUSTICE AND CRIME

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

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

	2005		2010		2015		2020		2021	
	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)	considered cases (applications)	satisfied suits (issue the writs)
<b>Total cases</b>	<b>1116,2</b>	<b>1040,9</b>	<b>2193,3</b>	<b>1691,6</b>	<b>947,2</b>	<b>756,9</b>	<b>726,4</b>	<b>587,9</b>	<b>931,1</b>	<b>748,3</b>
of which										
reinstatement	3,8	2,2	4,4	1,8	2,1	0,8	1,5	0,6	1,9	0,8
payment of wages	56,0	53,5	18,7	12,3	8,6	6,1	8,3	6,7	6,3	4,7
indemnification of financial damage, inflicted by employees to state enterprise, establishment, organisation	0,7	0,6	0,7	0,4	0,4	0,2	0,2	0,1	0,2	0,1
divorce	140,7	138,8	153,5	122,4	109,5	95,2	101,1	90,9	101,2	91,8

**9.9. State notary services**

(source: the Ministry of Justice of Ukraine)

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

JUSTICE AND CRIME

**9.10. Fires**

*(source: the State Service of Ukraine of Emergencies)*

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

**9.11. Fires, by cause**

*(source: the State Service of Ukraine of Emergencies)*

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

## 10. NATURAL RESOURCES AND ENVIRONMENT PROTECTION

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Emissions** are supply of pollutants or

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

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

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

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

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

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

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

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

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

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



## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

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

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

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

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

### LAND

#### 10.1. 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
<b>Total land area</b>	<b>60354,9</b>	<b>100,0</b>
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

#### 10.2. Preserves and national nature parks

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

<sup>1</sup> Source: the Ministry of Environment Protection and Natural Resources of Ukraine

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**WATER RESOURCES**

**10.3. Water supply and water drainage, basic indicators**

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

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

<sup>1</sup> Excluding transit and discharge into the channels

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

## ATMOSPHERE

## 10.4. Emission of pollutants and carbon dioxide into the atmosphere

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Emission of pollutants – total</b>	<b>5908,6</b>	<b>6615,6</b>	<b>6678,0</b>	<b>4521,3</b>	<b>4230,6</b>	<b>4121,2</b>	<b>4108,3</b>	<b>3675,3</b>	<b>3788,8</b>
of which									
sulfur dioxide	984,8	1132,8	1235,2	854,0	744,4	716,7	695,8	619,2	595,3
nitrogen peroxide	440,6	523,9	603,7	453,0	384,3	385,7	383,9	343,1	348,4
nitrogen oxide	...	×	8,9	10,1	9,7	9,6	7,8	4,3	4,5
carbon oxide	2776,8	2975,2	2951,9	1971,9	1986,9	1974,9	2003,6	1792,0	1869,2
methane	...	×	853,0	519,4	504,1	456,1	446,8	434,1	460,1
non-methane volatile organic compounds	...	×	359,3	225,8	223,6	206,5	205,1	182,3	196,2
weighted suspension particles	736,8	711,3	594,5	377,4	343,3	342,2	336,8	273,5	289,5
ammonia	×	×	25,1	18,8	17,4	16,8	17,9	17,6	17,6
<b>Emission of pollutants by stationary sources of pollution</b>	<b>3959,4</b>	<b>4464,1</b>	<b>4131,6</b>	<b>2857,4</b>	<b>2584,9</b>	<b>2508,3</b>	<b>2459,5</b>	<b>2238,6</b>	<b>2242,0</b>
of which									
sulfur dioxide	976,6	1119,5	1206,3	830,3	726,2	698,1	676,0	601,0	575,7
nitrogen peroxide	320,0	343,7	310,5	233,8	215,5	215,3	205,1	181,3	174,0
nitrogen oxide	...	7,1	6,8	8,7	8,9	8,8	7,0	3,5	3,6
carbon oxide	1230,6	1320,5	1063,8	764,1	728,4	744,3	748,4	707,3	704,3
methane	...	811,1	844,8	514,1	499,0	451,1	441,7	429,2	454,9
non-methane volatile organic compounds	...	91,1	66,0	47,3	53,1	43,7	42,5	40,6	41,1
weighted suspension particles	729,6	697,9	562,1	349,6	319,5	317,5	310,3	248,9	262,9
ammonia	8,3	17,9	25,1	18,8	17,4	16,8	17,9	17,6	17,6
<b>Emission of pollutants by movable sources of pollution<sup>2</sup></b>	<b>1949,2</b>	<b>2151,5</b>	<b>2546,4</b>	<b>1663,9</b>	<b>1645,7</b>	<b>1612,9</b>	<b>1648,8</b>	<b>1436,7</b>	<b>1546,8</b>
of which									
sulphur dioxide	8,2	13,3	28,9	23,7	18,2	18,6	19,8	18,2	19,6
nitrogen peroxide	120,6	180,2	293,2	219,2	168,8	170,4	178,8	161,8	174,4
nitrogen oxide	...	...	2,1	1,4	0,8	0,8	0,8	0,8	0,9
carbon oxide	1546,2	1654,7	1888,1	1207,8	1258,5	1230,6	1255,2	1084,7	1164,9
methane	...	...	8,2	5,3	5,1	5,0	5,1	4,9	5,2
non-methane volatile organic compounds	...	...	293,3	178,5	170,5	162,8	162,6	141,7	155,1
soot	7,2	13,4	32,4	27,8	23,8	24,7	26,5	24,6	26,6
ammonia	...	...	0,022	0,011	0,008	0,007	0,006	0,007	0,008
Besides emission of carbon dioxide – total, mln.t	...	×	198,2	162,0	148,2	150,5	147,2	131,9	×
of which									
by stationary sources of pollution	...	152,0	165,0	138,9	124,2	126,4	121,3	109,1	111,9
by movable sources of pollution <sup>3</sup>	...	...	33,2	23,1	24,0	24,1	25,9	22,8	...

<sup>1</sup> Preliminary data on the total emissions of pollutants in this country as a whole and from mobile sources of pollution

<sup>2</sup> Since 2016, the data reflect emissions from motor road transport

<sup>3</sup> Since 2016, data on carbon dioxide emissions from motor road transport are presented, according to the Ministry of Environmental Protection and Natural Resources

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**10.5. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2021,  
by type of economic activity**

	Pollutants			
	pollutant emissions		carbon dioxide	
	thsd.t	percent of total	thsd.t	percent of total
<b>All types of economic activities</b>	<b>2242,0</b>	<b>100,0</b>	<b>111854,2</b>	<b>100,0</b>
Agriculture, forestry and fishing	67,3	3,0	1461,7	1,3
Mining and quarrying	401,8	17,9	2448,9	2,2
including				
Mining of coal and lignite	326,8	14,6	328,3	0,3
Manufacturing	869,9	38,8	51132,4	45,7
including				
Manufacture of food products	35,1	1,6	2786,9	2,5
Manufacture of coke, and refined petroleum products	58,8	2,6	1882,8	1,7
Manufacture of basic metals	689,1	30,7	33326,2	29,8
Electricity, gas, steam and air-conditioning supply	776,4	34,6	51997,5	46,5
Water supply, sewerage, waste management and remediation	17,7	0,8	208,0	0,2
Construction	2,3	0,1	67,3	0,1
Wholesale and retail trade; repair of motor vehicles and motorcycles	5,5	0,3	159,0	0,1
Transport and storage, postal and courier activities	45,8	2,0	1687,2	1,5
Temporary accommodation and organisation of catering information and telecommunications; financial and insurance activity; transactions with real estate; activity in the sphere of administrative and auxiliary servicing	42,7	1,9	2118,6	1,9
Professional, scientific and technical activity; education	3,9	0,2	290,5	0,3
State administration and defence; compulsory social insurance	5,3	0,2	157,5	0,1
Health care and provision of social aid; art, sport, entertainment and leisure; provision of other types of services	3,4	0,2	125,6	0,1

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**10.6. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns<sup>1</sup>**

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>3959,4</b>	<b>4464,1</b>	<b>4131,6</b>	<b>2857,4</b>	<b>2584,9</b>	<b>2508,3</b>	<b>2459,5</b>	<b>2238,6</b>	<b>2242,0</b>
<b>Autonomous Republic of Crimea</b>	<b>33,5</b>	<b>35,1</b>	<b>32,3</b>	...	...	...	...	...	...
of which									
Simferopol	2,0	2,1	2,1	...	...	...	...	...	...
Armyansk	6,1	9,7	12,1	...	...	...	...	...	...
Kerch	10,6	2,5	1,9	...	...	...	...	...	...
Krasnoperekopsk	8,6	10,8	7,9	...	...	...	...	...	...
Yalta	0,8	1,3	0,4	...	...	...	...	...	...
<b>oblasts</b>									
<b>Vinnitsya</b>	<b>80,1</b>	<b>107,4</b>	<b>103,0</b>	<b>134,7</b>	<b>155,8</b>	<b>97,3</b>	<b>99,7</b>	<b>78,2</b>	<b>79,3</b>
of which									
Vinnitsya city	2,1	5,1	3,4	15,8	13,6	2,5	2,9	2,7	2,8
Ladyzhyn	62,9	87,1	74,8	78,8	94,7	73,5	73,7	59,8	58,3
<b>Volyn</b>	<b>10,3</b>	<b>10,1</b>	<b>8,2</b>	<b>4,7</b>	<b>5,1</b>	<b>5,1</b>	<b>5,3</b>	<b>5,1</b>	<b>5,6</b>
of which									
Lutsk	2,1	1,8	1,0	0,9	0,8	0,4	0,5	0,7	0,7
Novovolynsk	2,8	0,7	0,2	0,2	0,3	0,4	0,0	0,3	0,5
Kovel	1,7	1,1	3,5	0,4	0,3	0,4	0,4	0,4	0,4
<b>Dnipropetrovsk</b>	<b>783,6</b>	<b>993,7</b>	<b>933,1</b>	<b>723,9</b>	<b>657,3</b>	<b>614,3</b>	<b>576,9</b>	<b>534,7</b>	<b>537,6</b>
of which									
Dnipro ( <i>the former Dnipropetrovsk city</i> )	97,3	128,8	110,0	48,5	45,7	47,1	40,8	31,1	28,6
Zelenodolsk	79,4	108,6	173,4	66,9	48,1	28,6	20,4	35,0	30,0
Kamyanske ( <i>the former Dniprodzerzhinsk city</i> )	105,0	126,1	108,5	101,0	57,8	103,3	83,3	96,8	86,1
Kryviy Rih	443,4	523,9	395,0	327,0	323,9	267,4	268,3	224,2	228,5
Nikopol	28,4	24,6	26,2	19,5	25,3	26,2	25,0	19,1	24,2
<b>Donetsk</b>	<b>1590,0</b>	<b>1638,1</b>	<b>1378,1</b>	<b>917,6</b>	<b>784,8</b>	<b>790,2</b>	<b>773,5</b>	<b>751,0</b>	<b>744,1</b>
of which									
Donetsk city	197,9	168,9	80,2	...	...	...	...	...	...
Avdyivka	37,4	23,8	14,7	8,1	11,7	12,5	10,5	9,3	8,0
Vuhledar	23,2	31,8	25,9	28,4	24,1	23,8	28,6	24,6	24,4
Horlivka	50,4	45,6	28,4	...	...	...	...	...	...
Debaltseve	108,6	95,5	112,8	...	...	...	...	...	...
of which									
Svitlodarske	94,3	90,6	104,2	...	...	...	...	...	...
Dobropillya	8,6	34,1	39,5	35,1	31,0	35,0	28,9	23,4	16,8
Yenakiyev	74,8	66,1	67,4	42,7	...	...	...	...	...
Zuhres	70,8	61,3	70,8	56,5	...	...	...	...	...
Kurahove	117,2	103,4	123,9	112,7	154,7	139,2	131,8	113,8	109,3
Makyivka	103,7	124,8	58,1	...	...	...	...	...	...
Mariupol	340,4	425,7	364,3	249,6	288,2	316,6	330,1	339,4	333,6
Novy Svit	121,8	123,7	109,9	81,4	...	...	...	...	...
Novoamvrosiyske	0,6	6,7	3,3	...	...	...	...	...	...

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 10.6 continued

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Pokrovskiy ( <i>the former</i> Krasnoarmiysk city)	21,7	38,3	33,3	...	90,8	66,8	53,8	75,5	97,1
Rayhorodok	32,4	48,9	48,8	37,8	23,9	44,8	61,2	0,0	0,0
Rodynske	20,6	37,1	32,9	22,1	17,8	17,2	...	0,0	0,0
Sloviansk	2,0	2,5	1,6	0,7	0,3	0,6	0,4	0,4	0,5
Toretsk ( <i>the former</i> Dzerzhynsk city)	31,6	20,1	10,8	7,6	6,7	7,0	5,3	4,4	3,9
Khartsyzk	88,4	68,9	75,4	56,5	...	...	...	...	...
Khrestivka ( <i>the former</i> Kirovske city)	35,6	57,1	50,0	...	...	...	...	...	...
<b>Zhytomyr</b>	<b>12,3</b>	<b>13,4</b>	<b>18,4</b>	<b>9,0</b>	<b>10,3</b>	<b>13,0</b>	<b>12,7</b>	<b>11,8</b>	<b>11,9</b>
of which									
Zhytomyr city	2,1	3,0	0,9	1,3	1,4	1,5	1,6	1,6	2,2
Berdychiv	1,5	2,2	5,6	0,2	0,3	0,2	0,2	0,2	0,1
Korosten	1,2	0,8	0,5	0,6	0,6	0,8	0,7	0,6	0,6
<b>Zakarpattya</b>	<b>7,7</b>	<b>26,6</b>	<b>17,4</b>	<b>4,4</b>	<b>3,2</b>	<b>4,0</b>	<b>3,7</b>	<b>3,3</b>	<b>2,8</b>
of which									
Uzhgorod	0,7	3,1	1,4	1,8	0,1	0,1	0,1	0,1	0,1
Vynohradiv	0,2	0,0	2,6	0,0	0,0	0,0	0,0	0,0	0,0
Volovets	1,0	2,0	0,5	0,2	0,7	0,3	0,6	0,1	0,4
<b>Zaporizhzhya</b>	<b>231,2</b>	<b>262,0</b>	<b>217,5</b>	<b>193,7</b>	<b>180,9</b>	<b>174,7</b>	<b>173,4</b>	<b>155,5</b>	<b>148,2</b>
of which									
Zaporizhzhya city	135,5	153,9	109,6	83,3	69,9	71,3	69,7	64,7	67,6
Enerhodar	80,8	98,4	100,3	103,9	105,3	98,2	98,7	86,3	76,5
<b>Ivano-Frankivsk</b>	<b>141,0</b>	<b>204,2</b>	<b>169,2</b>	<b>223,9</b>	<b>198,3</b>	<b>221,4</b>	<b>205,0</b>	<b>140,4</b>	<b>172,4</b>
of which									
Ivano-Frankivsk city	0,8	0,7	0,5	0,4	0,4	0,4	0,4	0,4	0,3
Burshtyn	118,9	176,5	146,8	198,0	160,1	182,9	169,9	110,0	145,6
<b>Kyiv</b>	<b>80,8</b>	<b>73,0</b>	<b>106,8</b>	<b>78,1</b>	<b>48,2</b>	<b>81,3</b>	<b>84,4</b>	<b>66,6</b>	<b>59,3</b>
of which									
Bila Tserkva	3,0	2,3	1,2	2,0	3,5	1,5	1,4	0,5	0,4
Bohuslav	0,1	3,3	1,9	1,1	0,0	0,0	0,2	0,0	0,0
Boyarka	0,1	0,4	5,4	0,1	0,1	0,6	0,1	4,1	0,8
Ukrayinka	64,5	53,2	82,8	55,5	23,3	53,8	56,2	44,8	40,9
Yagotyn	2,5	2,2	8,8	2,1	2,3	2,0	1,6	0,1	0,1
<b>Kirovohrad</b>	<b>44,7</b>	<b>33,0</b>	<b>14,8</b>	<b>14,2</b>	<b>12,2</b>	<b>12,2</b>	<b>12,8</b>	<b>10,7</b>	<b>11,1</b>
of which									
Kropyvnytskyi ( <i>the former</i> Kirovohrad city)	2,2	2,4	2,2	2,3	2,1	2,0	2,1	2,2	1,9
Oleksandriya	32,1	12,5	0,2	0,2	0,3	0,3	0,3	0,2	0,2
of which									
Dymytrove	23,5	9,7	0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Luhansk</b>	<b>429,0</b>	<b>474,7</b>	<b>511,7</b>	<b>115,2</b>	<b>75,1</b>	<b>46,7</b>	<b>37,4</b>	<b>35,5</b>	<b>35,1</b>
of which									
Luhansk city	144,2	118,8	160,7	...	...	...	...	...	...
of which Schastya	140,4	112,9	155,7	55,5	45,7	26,2	17,5	13,0	13,0

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 10.6 continued

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Alchevsk	78,7	104,8	89,3	25,5	6,0	...	...	...	... <sup>1</sup>
Kadiyivka ( <i>the former Stakhanov city</i> )	19,7	29,2	23,9	...	...	...	...	...	... <sup>1</sup>
Lysychansk	32,1	45,1	31,1	16,6	16,4	13,4	13,1	12,2	12,2
Perevalsk	10,7	6,1	6,4	...	...	...	...	...	... <sup>1</sup>
Samsonivka	5,2	13,5	51,4	...	...	...	...	...	... <sup>1</sup>
Sorokine ( <i>the former Krasnodon city</i> )	26,0	73,0	14,6	...	...	...	...	...	... <sup>1</sup>
of which	9,9	40,3	13,3	...	...	...	...	...	... <sup>1</sup>
Sukhodilsk	20,1	16,7	5,5	...	...	...	...	...	... <sup>1</sup>
Khustalniy ( <i>the former Krasniy Luch city</i> )	<b>108,6</b>	<b>95,8</b>	<b>113,2</b>	<b>102,4</b>	<b>109,1</b>	<b>106,7</b>	<b>88,9</b>	<b>76,0</b>	<b>75,4</b>
<b>Lviv</b>									
of which	3,1	2,8	2,0	2,6	4,0	2,0	2,3	2,8	2,0
Lviv city	73,0	51,5	39,3	40,6	49,8	43,7	32,2	29,6	26,9
Dobrotvir	<b>11,4</b>	<b>24,3</b>	<b>21,5</b>	<b>15,8</b>	<b>14,2</b>	<b>13,1</b>	<b>12,1</b>	<b>11,2</b>	<b>12,2</b>
<b>Mykolayiv</b>									
of which	5,7	6,5	5,9	5,5	3,3	3,0	3,1	3,0	3,4
Mykolayiv city	2,3	6,0	6,9	2,2	1,3	1,8	1,4	1,2	1,5
Olshanske	<b>23,2</b>	<b>40,5</b>	<b>29,2</b>	<b>26,1</b>	<b>29,6</b>	<b>37,4</b>	<b>33,1</b>	<b>42,6</b>	<b>35,9</b>
<b>Odesa</b>									
of which	9,4	21,1	14,4	9,7	12,0	18,3	20,1	25,4	21,7
Odesa city	0,3	1,8	0,3	0,2	0,2	0,4	0,1	0,1	0,1
Berezivka	2,1	1,3	1,1	1,0	1,2	1,7	0,4	2,3	1,9
Podilsk ( <i>the former Kotovsk city</i> )	1,2	1,4	1,1	1,1	1,4	1,6	1,6	1,5	1,4
Chernomorsk ( <i>the former Illichivsk city</i> )	2,2	2,8	2,7	2,5	1,6	1,6	1,9	2,2	1,5
Yuzhne	<b>60,4</b>	<b>68,4</b>	<b>72,8</b>	<b>55,6</b>	<b>55,9</b>	<b>52,1</b>	<b>51,0</b>	<b>45,8</b>	<b>52,4</b>
<b>Poltava</b>									
of which	2,9	2,4	1,8	1,2	1,2	1,1	1,0	0,9	1,0
Poltava city	7,1	9,6	11,3	12,2	9,9	10,9	11,7	11,9	11,7
Horishni Plavni ( <i>the former Komsomolsk city</i> )	24,9	28,7	18,7	16,1	18,7	15,5	13,8	12,6	15,5
Kremenchuk	<b>14,1</b>	<b>17,3</b>	<b>12,9</b>	<b>10,2</b>	<b>9,6</b>	<b>9,1</b>	<b>9,9</b>	<b>10,1</b>	<b>9,4</b>
<b>Rivne</b>									
of which	4,2	3,3	4,5	3,7	2,8	2,6	4,1	3,8	0,6
Rivne city	2,8	5,5	2,7	2,7	3,2	2,7	1,8	2,6	1,8
Zdolbuniv	<b>26,3</b>	<b>26,1</b>	<b>31,7</b>	<b>17,5</b>	<b>20,3</b>	<b>20,8</b>	<b>21,7</b>	<b>20,9</b>	<b>18,3</b>
<b>Sumy</b>									
of which	8,0	8,6	10,4	6,5	7,4	8,4	7,5	6,9	7,5
Sumy city	1,4	0,7	0,3	0,3	0,3	0,2	0,4	0,4	0,4
Konotop	1,4	0,5	0,4	0,3	0,4	0,3	0,4	0,3	0,3
Shostka	1,4	0,5	0,4	0,3	0,4	0,3	0,4	0,3	...

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 10.6 continued

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ternopil</b>	<b>9,2</b>	<b>14,8</b>	<b>18,5</b>	<b>8,5</b>	<b>10,6</b>	<b>10,2</b>	<b>9,4</b>	<b>9,5</b>	<b>8,3</b>
of which									
Ternopil city	1,1	0,8	0,6	0,6	0,7	0,7	0,4	0,4	0,6
Velyki Birky	0,6	2,3	10,7	0,0	0,0	0,0	0,0	0,0	0,7
Kremenets	0,9	0,5	0,9	0,3	1,1	0,9	0,7	0,9	0,4
<b>Kharkiv</b>	<b>143,7</b>	<b>158,7</b>	<b>151,9</b>	<b>53,4</b>	<b>45,0</b>	<b>44,7</b>	<b>106,5</b>	<b>94,1</b>	<b>73,4</b>
of which									
Kharkiv city	20,6	6,9	4,9	4,4	4,9	4,8	4,0	3,7	3,5
Balakliya	4,6	9,1	0,7	0,4	0,5	0,3	0,1	0,1	0,7
Donets (the former Chervoniy Donets city)	8,2	4,0	3,5	2,5	3,6	1,1	4,9	2,9	2,8
Slobozhanske (the former Komsomolske city)	95,2	104,4	108,1	22,8	11,2	10,5	57,4	61,0	41,6
<b>Kherson</b>	<b>11,6</b>	<b>11,0</b>	<b>5,3</b>	<b>8,9</b>	<b>9,6</b>	<b>12,4</b>	<b>17,8</b>	<b>17,8</b>	<b>17,1</b>
of which									
Kherson city	8,0	9,2	3,5	5,4	2,6	3,5	4,8	4,7	4,9
<b>Khmelnyskiy</b>	<b>18,4</b>	<b>16,0</b>	<b>19,1</b>	<b>18,3</b>	<b>21,1</b>	<b>22,1</b>	<b>20,3</b>	<b>18,2</b>	<b>21,1</b>
of which									
Khmelnyskiy city	2,9	1,2	1,0	1,0	1,1	1,0	1,0	0,9	0,9
Humensi	2,2	7,2	9,4	7,1	7,8	8,5	7,9	7,7	8,2
Krasyliv	1,6	1,9	3,6	0,8	1,5	0,7	0,6	0,5	0,6
Slavuta	1,9	1,2	0,3	0,5	0,4	0,4	0,3	0,3	0,3
Starokostyantyniv	0,8	0,3	0,5	0,2	0,8	0,9	1,1	0,9	1,0
<b>Cherkasy</b>	<b>28,8</b>	<b>39,4</b>	<b>61,2</b>	<b>57,5</b>	<b>48,3</b>	<b>57,9</b>	<b>51,8</b>	<b>51,4</b>	<b>47,6</b>
of which									
Cherkasy city	16,8	21,4	32,3	29,8	20,1	24,4	21,2	18,9	21,3
Smila	1,3	1,8	0,3	0,3	0,3	0,4	0,5	0,5	0,6
Talne	0,8	2,2	0,9	0,4	0,2	0,1	0,2	0,2	0,2
<b>Chernivtsi</b>	<b>4,1</b>	<b>5,2</b>	<b>3,8</b>	<b>3,2</b>	<b>3,3</b>	<b>2,7</b>	<b>2,4</b>	<b>1,8</b>	<b>1,7</b>
of which									
Chernivtsi city	1,4	1,4	1,3	1,1	1,1	1,0	0,8	0,7	0,6
<b>Chernihiv</b>	<b>20,2</b>	<b>37,5</b>	<b>47,4</b>	<b>33,9</b>	<b>31,6</b>	<b>29,7</b>	<b>27,5</b>	<b>20,9</b>	<b>23,0</b>
of which									
Chernihiv city	8,0	12,3	19,8	15,1	13,0	13,2	11,4	7,0	9,0
Nizhyn	1,2	1,6	1,0	1,1	1,0	1,3	1,1	0,6	0,5
Olyshivka	1,3	1,6	3,3	0,1	0,4	0,4	0,0	0,1	0,1
<b>cities</b>									
<b>Kyiv</b>	<b>32,6</b>	<b>33,6</b>	<b>28,6</b>	<b>26,7</b>	<b>45,5</b>	<b>29,2</b>	<b>22,3</b>	<b>25,5</b>	<b>38,8</b>
<b>Sevastopol</b>	<b>2,6</b>	<b>4,2</b>	<b>4,0</b>	...	...	...	...	...	...

<sup>1</sup>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



## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**10.7. Pollutant emissions and carbon dioxide into the atmosphere from stationary sources of pollution in 2021, by region**

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxide	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	non-methane volatile organic compounds	
<b>Ukraine</b>	<b>2242,0</b>	<b>575,7</b>	<b>174,0</b>	<b>454,9</b>	<b>704,3</b>	<b>3,6</b>	<b>3,1</b>	<b>41,1</b>	<b>111,9</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
<b>oblasts</b>									
Vinnysya	79,3	40,3	7,2	8,7	7,2	0,1	0,1	2,2	4,3
Volyn	5,6	0,3	0,7	1,1	1,3	0,1	0,1	0,3	0,5
Dnipropetrovsk	537,6	55,1	26,6	122,0	273,0	0,3	0,0	1,7	22,3
Donetsk	744,1	187,2	35,0	158,5	297,1	0,3	0,3	0,5	22,7
Zhytomyr	11,9	1,1	1,5	3,1	2,0	0,0	0,1	0,4	0,7
Zakarpattya	2,8	0,1	0,7	0,6	1,1	0,0	0,1	0,1	0,3
Zaporizhzhya	148,2	60,0	22,6	0,7	52,0	0,1	0,2	1,5	12,9
Ivano-Frankivsk	172,4	119,7	13,9	7,3	3,6	0,8	0,0	5,1	12,1
Kyiv	59,3	25,4	5,5	6,1	2,7	0,1	0,1	1,7	3,4
Kirovohrad	11,1	0,8	0,9	1,3	3,0	0,1	0,0	0,6	0,8
Luhansk	35,1	8,9	4,9	4,5	11,2	0,0	0,1	0,4	2,0
Lviv	75,4	19,6	5,6	36,9	4,3	0,1	0,2	2,2	3,1
Mykolayiv	12,2	0,6	2,5	2,6	1,7	0,1	0,1	0,4	2,1
Odesa	35,9	0,8	1,5	25,9	3,3	0,0	0,2	0,7	1,4
Poltava	52,4	4,8	9,0	7,3	11,0	0,1	0,3	11,5	2,6
Rivne	9,4	0,3	3,4	0,4	1,3	1,2	0,0	0,3	2,3
Sumy	18,3	3,4	1,7	4,5	3,8	0,0	0,1	1,3	1,1
Ternopil	8,3	0,4	0,7	2,7	1,6	0,0	0,1	0,4	0,4
Kharkiv	73,4	26,4	7,6	5,8	9,0	0,1	0,2	2,6	6,2
Kherson	17,1	0,6	0,4	13,5	0,9	0,0	0,3	0,3	0,4
Khmelnytskyi	21,1	2,8	5,2	1,8	6,7	0,1	0,3	1,4	2,5
Cherkasy	47,6	6,7	8,3	13,8	2,7	0,0	0,1	0,8	2,4
Chernivtsi	1,7	0,1	0,2	0,1	0,3	0,0	0,0	0,5	0,2
Chernihiv	23,0	3,5	2,4	7,6	1,9	0,0	0,1	1,3	1,3
<b>cities</b>									
Kyiv	38,8	6,8	6,0	18,1	1,6	0,0	0,0	2,9	3,9
Sevastopol	...	...	...	...	...	...	...	...	...

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

WASTES

10.8. Basic indicators for the generation and treatment of wastes of 1<sup>st</sup>–4<sup>rd</sup> hazard category

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Generation <sup>1</sup>	184192,4	231189,5	425914,2	312267,6	366054,0	352333,9	441516,5	462373,5	...
including from economic activity	184192,4	231189,5	419191,8	306214,3	360196,0	346790,4	435619,8	456423,8	...
Collected, received from the outside	...	...	30015,1	22776,0	19082,1	18700,0	20322,7	20304,1	...
Imported	...	...	4,1	3,4	112,0	89,4	22,0	2,7	...
Utilized	...	...	144866,6	92463,7	100056,3	103658,1	108024,1	100524,6	...
Burned off	...	...	1058,6	1134,7	1064,3	1028,6	1059,0	1008,0	...
Transferred for utilization <sup>2</sup>	...	...	41822,9	8401,3	9435,2	8120,3	10798,5	9790,5	...
Transferred for removal <sup>2</sup>	...	...	...	14444,0	6202,4	14665,9	6885,4	8467,1	...
Exported	...	...	281,3	675,4	261,8	190,8	260,6	257,8	...
Removed to special sites or facilities	...	...	313410,6	152295,0	169801,6	169523,8	238997,2	275985,3	...
Placed on fly dumping <sup>3</sup>	...	...	87,4	14,4	3,7	2,5	3,4	...	...
Lost (vaporization, drain, fires, etc)	...	...	1367,6	6,5	19,5	6,7	12,0	...	...
Accumulated during exploitation at sites for wastes removal end of year <sup>4</sup> , mln.t	...	...	13267,5	12505,9	12442,2	12972,4	15398,6	15635,3	...
per 1 sq.km, t	...	...	21984,2	21692,8	21579,3	22498,9	26706,9	28122,0	...

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

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

<sup>3</sup> Prior to 2010 inclusive, data on wastes removed to the sites for unorganized storage are given

<sup>4</sup> Prior to 2010 inclusive, data on the general volume of end of year wastes that were permanently and temporarily placed at specially allocated sites or objects of economically active enterprises and organisations are presented

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**10.9. Basic indicators for the generation and treatment of wastes of 1<sup>st</sup>–3<sup>rd</sup> hazard category**  
(*thsd.t*)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Generation <sup>1</sup>	2613,2	2411,8	1659,9	587,3	605,3	627,4	553,0	532,0	...
including from economic activity	2613,2	2411,8	1659,8	587,1	602,9	625,9	552,6	531,6	...
Collected, received from the outside	56,4	166,0	259,6	119,2	140,9	109,1	90,3	104,7	...
Imported	...	6,3	0,0	2,5	1,9	2,9	3,6	1,5	...
Utilized	2613,2	2411,8	642,4	314,5	305,5	276,5	252,1	228,2	...
Burned off	...	71,4	16,5	5,8	8,7	11,9	10,6	10,6	...
Transferred for utilization <sup>2</sup>	646,2	2349,7	985,2	222,8	227,4	242,1	228,0	214,8	...
Transferred for removal <sup>2</sup>	...	...	...	44,6	53,4	39,4	29,2	49,4	...
Exported	...	32,3	26,6	1,0	1,7	2,6	2,2	0,1	...
Removed to special sites or facilities	760,6	948,5	126,8	78,6	107,1	114,9	93,3	103,6	...
Placed on fly dumping <sup>3</sup>	13,2	1,8	0,1	0,0	0,0	0,0	0,0	...	...
Lost (vaporization, drain, fires, etc)	...	106,6	188,2	0,1	4,0	0,2	8,2	...	...
Accumulated during exploitation at sites for wastes removal end of year <sup>4</sup> , mln.t	26,2	21,7	16,2	12,1	12,2	12,2	12,3	12,2	...
per 1 sq.km, t	43,5	35,9	26,9	20,9	21,2	21,2	21,3	21,1	...

<sup>1</sup> See the first footnote to Table 10.6

<sup>2</sup> See the second footnote to Table 10.6

<sup>3</sup> See the third footnote to Table 10.6

<sup>4</sup> See the fourth footnote to Table 10.6

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**10.10. Generation of wastes, by hazard category<sup>1</sup>**

(thsd.t)

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

<sup>1</sup> See the first footnote to Table 10.6

**10.11. Wastes accumulated during exploitation at sites for wastes removal, by hazard category<sup>1</sup>**

(end of year; thsd.t)

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

<sup>1</sup> See the fourth footnote to Table 10.6

## NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**10.12. Generation of wastes, by category of materials**

(thsd.t)

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

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

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

(thsd.t)

	2015		2019		2020		2021	
	I-IV hazard classes	of which I-III hazard classes	I-IV hazard classes	I-IV hazard classes	of which I-III hazard classes	of which I-III hazard classes	I-IV hazard classes	of which I-III hazard classes
<b>All types of economic activity</b>	<b>312267,6</b>	<b>587,3</b>	<b>441516,5</b>	<b>462373,5</b>	<b>532,0</b>	<b>553,0</b>	...	...
Agriculture, forestry and fishing	8736,8	93,6	6750,5	5315,4	25,7	24,3	...	...
Mining and quarrying	257861,9	37,6	390563,8	391077,9	30,0	41,4	...	...
Manufacturing	31000,5	404,5	30751,8	52311,0	415,4	451,5	...	...
Electricity, gas, steam and air conditioning supply	6597,5	6,4	5959,2	5333,7	14,5	5,6	...	...
Water supply, sewerage, waste management and remediation	594,2	3,6	411,8	338,3	14,9	4,5	...	...
water collection, treatment and supply	397,6	0,4	211,0	230,8	14,6	0,6	...	...
sewerage, remediation activities	14,6	0,1	88,2	94,9	0,0	0,0	...	...
other waste management services	2,0	0,0	2,1	2,1	0,0	0,0	...	...
waste collection, treatment and disposal activities; materials recovery	180,0	3,1	110,5	10,4	0,2	3,9	...	...
Construction	376,2	1,1	188,7	14,5	0,2	3,0	...	...
Other type of economic activity	1047,2	40,3	994,0	2033,0	30,9	22,3	...	...
Households	6053,3	0,2	5896,7	5949,7	0,4	0,4	...	...

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

USE OF ENVIRONMENT, ECONOMIC INDICATORS

**10.14. Capital investment and current costs for environmental protection**

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

<sup>1</sup> Out of the funds of the state budget

**10.15. Capital investment for environmental protection, by purpose**

(at current prices; mln. UAH)

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

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

**10.16. Current expenditure for environmental protection, by purpose**

(at current prices; mln. UAH)

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



## 11. 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

**11.1. Gross domestic product (GDP)**

	At current prices		Volume indices			Deflator indices
	gross domestic product	per capita gross domestic product	gross domestic product	per capita gross domestic product	gross domestic product	gross domestic product
	mln. UAH	UAH	at the prices of the previous year, percent	as a percentage of 2016	as a percentage of 2016	as a percentage of the previous year
2010	1120585	24429	104,1	104,5	113,7	113,7
2015	1988544	46413	90,2	90,6	97,6	138,9
2016	2385367	55899	102,4	102,9	100,0	117,1
2017	2981227	70170	102,4	102,8	102,4	122,1
2018	3560302	84228	103,5	104,0	105,9	115,4
2019	3977198	94633	103,2	103,8	109,3	108,2
2020	4222026	101138	96,2	96,9	105,2	110,3

**11.2. GDP production and distribution, by type of economic activity**

(at current prices; mln. UAH)

	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
Agriculture, forestry and fishing	2010	195390	112442	82948	17896	-305	65357
	2015	558788	318982	239806	35131	1389	203286
	2016	655569	375868	279701	40834	312	238555
	2017	727352	423933	303419	54657	-3274	252036
	2018	871971	510973	360998	74229	-187	286956
	2019	866138	509575	356563	82016	37	274510
	2020	915800	522723	393077	89612	-1267	304732
Mining and quarrying	2010	119911	55837	64074	34536	-5801	35339
	2015	186194	91053	95141	34219	-385	61307
	2016	253770	122120	131650	39644	-1427	93433
	2017	344157	167306	176851	50939	-1732	127644
	2018	415497	201339	214158	62668	-2113	153603
	2019	432934	210724	222210	69471	-2762	155501
	2020	376280	183160	193120	63697	-4839	134262
Manufacturing	2010	810843	664094	146749	95678	2693	48378
	2015	1206047	969355	236692	132968	6563	97161
	2016	1458786	1167315	291471	137331	3434	150706
	2017	1805097	1447937	357160	186003	3490	167667
	2018	2060485	1649839	410646	231364	1801	177481
	2019	2142939	1713855	429084	258311	1573	169200
	2020	2124480	1697997	426483	260402	1624	164457
Electricity, gas, steam, and air- conditioning supply	2010	98052	66298	31754	22387	294	9073
	2015	176768	123383	53385	32641	-3649	24393
	2016	242236	168427	73809	36899	-373	37283
	2017	283985	198015	85970	43444	-1165	43691
	2018	367726	255870	111856	52791	-817	59882
	2019	404020	279112	124908	63163	382	61363
	2020	402584	279706	122878	72069	166	50643

NATIONAL ACCOUNTS

Table 11.2 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
	2016	30680	22178	8502	7944	-355	913
	2017	37104	27224	9880	9779	-584	685
	2018	44362	32968	11394	11355	-1053	1092
	2019	53485	39049	14436	15748	-1929	617
	2020	59267	43010	16257	19307	-2910	-140
Construction	2010	137118	100470	36648	18028	547	18073
	2015	188595	149667	38928	20060	1612	17256
	2016	240327	192870	47457	22419	529	24509
	2017	326496	262065	64431	31614	648	32169
	2018	428010	346751	81259	41595	869	38795
	2019	570979	463549	107430	53305	1176	52949
	2020	641899	522458	119441	60731	915	57795
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	295912	133741	162171	68291	3503	90377
	2015	549163	275174	273989	101419	3969	168601
	2016	645171	327096	318075	115838	3114	199123
	2017	832350	423094	409256	153059	3732	252465
	2018	958380	486762	471618	195824	4074	271720
	2019	1057539	531565	525974	242153	4543	279278
2020	1167438	579073	588365	253829	4592	329944	
Transport and storage, postal and courier activities	2010	169526	82257	87269	46914	848	39507
	2015	295634	160656	134978	73271	1289	60418
	2016	341938	185193	156745	81551	-284	75478
	2017	420484	229659	190825	113473	-1115	78467
	2018	503326	276186	227140	150596	-1068	77612
	2019	582500	317811	264689	158825	-1716	107580
2020	594010	31557	262453	155105	-4874	112222	
Accommodation and food service activities	2010	22579	12474	10105	5250	213	4642
	2015	25458	13512	11946	5858	310	5778
	2016	32637	17086	15551	6724	277	8550
	2017	37737	19010	18727	7805	425	10497
	2018	50183	25071	25112	9827	581	14704
	2019	70635	35324	35311	14547	797	19967
2020	59063	28229	30834	11697	774	18363	
Information and communication	2010	69614	35966	33648	17432	-342	16558
	2015	142223	69627	72596	26268	2856	43472
	2016	182886	93618	89268	29621	246	59401
	2017	225659	115363	110296	37074	1570	71652
	2018	287068	148240	138828	47536	1942	89350
	2019	374510	191843	182667	64193	2748	115726
2020	400927	191533	209394	69050	2639	137705	

NATIONAL ACCOUNTS

Table 11.2 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
	2016	107615	42170	65445	30797	2029	32619
	2017	123165	39773	83392	37211	2382	43799
	2018	150761	51808	98953	47274	2436	49243
	2019	184026	68550	115476	56692	3395	55389
	2020	202370	70467	131903	61400	3200	67303
Real estate activities	2010	93713	33693	60020	10643	389	48988
	2015	176078	53057	123021	15976	742	106303
	2016	208144	62160	145984	16129	635	129220
	2017	238141	66467	171674	19189	625	151860
	2018	285495	79410	206085	23300	885	181900
	2019	339956	98463	241493	29173	960	211360
	2020	377097	108117	268980	32686	950	235344
Professional, scientific and technical activities	2010	55207	27454	27753	17687	502	9564
	2015	107124	51335	55789	29001	1605	25183
	2016	135141	66681	68460	32351	918	35191
	2017	171630	85093	86537	45942	1079	39516
	2018	224773	111419	113354	58543	1393	53418
	2019	287831	146308	141523	68838	1629	71056
	2020	282662	145470	137192	68941	400	67851
Administrative and support service activities	2010	25492	13256	12236	6824	106	5306
	2015	43370	21746	21624	14724	789	6111
	2016	59338	29754	29584	17863	357	11364
	2017	70820	35349	35471	22716	472	12283
	2018	97358	48787	48571	29044	604	18923
	2019	123827	61589	62238	40077	880	21281
	2020	118995	59100	59895	40330	1052	18513
Public administration and defence, compulsory social security	2010	74783	21329	53454	49052	62	4340
	2015	147578	52493	95085	86329	118	8638
	2016	182158	59093	123065	111927	74	11064
	2017	236970	73172	163798	148689	65	15044
	2018	295852	83063	212789	192600	69	20120
	2019	353357	86701	266656	241747	86	24823
	2020	393136	86603	306533	277291	76	29166
Education	2010	84197	28471	55726	50577	96	5053
	2015	119928	37150	82778	74753	130	7895
	2016	132745	43749	88996	78640	84	10272
	2017	180011	46798	133213	120015	100	13098
	2018	214113	55493	158620	142888	146	15586
	2019	242480	69835	172645	153930	201	18514
	2020	261002	74953	186049	165867	202	19980

NATIONAL ACCOUNTS

Table 11.2 continued

	Year	Output	Inter-mediate consumption	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
	2016	99304	40446	58858	49065	-31	9824
	2017	131970	55830	76140	63889	-114	12365
	2018	158857	81727	77130	69475	68	7587
	2019	184663	89228	95435	83004	127	12304
	2020	226737	113095	113642	104750	250	8642
Arts, entertainment and recreation	2010	10459	4068	6391	5225	-539	1705
	2015	20436	8079	12357	10181	-2328	4504
	2016	23155	9601	13554	10622	-2657	5589
	2017	28264	10888	17376	14626	-4096	6846
	2018	34034	13659	20375	17708	-4985	7652
	2019	39571	15518	24053	20438	-4691	8306
	2020	37429	13091	24338	21440	-5088	7986
Other services	2010	13787	4821	8966	3331	280	5355
	2015	22475	8119	14356	6782	505	7069
	2016	26694	9641	17053	7630	323	9100
	2017	36028	13538	22490	10623	443	11424
	2018	46364	17354	29010	13704	580	14726
	2019	60407	21570	38837	17142	728	20967
	2020	55406	19515	35891	14853	676	20362
<b>Total</b> (at basic prices)	<b>2010</b>	<b>2466423</b>	<b>1474248</b>	<b>992175</b>	<b>540651</b>	<b>2929</b>	<b>448595</b>
	<b>2015</b>	<b>4189241</b>	<b>2499854</b>	<b>1689387</b>	<b>777646</b>	<b>16754</b>	<b>894987</b>
	<b>2016</b>	<b>5058294</b>	<b>3035066</b>	<b>2023228</b>	<b>873829</b>	<b>7205</b>	<b>1142194</b>
	<b>2017</b>	<b>6257420</b>	<b>3740514</b>	<b>2516906</b>	<b>1170747</b>	<b>2951</b>	<b>1343208</b>
	<b>2018</b>	<b>7494615</b>	<b>4476719</b>	<b>3017896</b>	<b>1472321</b>	<b>5225</b>	<b>1540350</b>
	<b>2019</b>	<b>8371797</b>	<b>4950169</b>	<b>3421628</b>	<b>1732773</b>	<b>8164</b>	<b>1680691</b>
	<b>2020</b>	<b>8696582</b>	<b>5069857</b>	<b>3626725</b>	<b>1843057</b>	<b>-1462</b>	<b>1785130</b>
Taxes, less subsidies on products	2010	128410	×	128410	×	128410	×
	2015	299157	×	299157	×	299157	×
	2016	362139	×	362139	×	362139	×
	2017	464321	×	464321	×	464321	×
	2018	542406	×	542406	×	542406	×
	2019	555570	×	555570	×	555570	×
	2020	595301	×	595301	×	595301	×
<b>Gross domestic product</b>	<b>2010</b>	<b>2594833</b>	<b>1474248</b>	<b>1120585</b>	<b>540651</b>	<b>131339</b>	<b>448595</b>
	<b>2015</b>	<b>4488398</b>	<b>2499854</b>	<b>1988544</b>	<b>777646</b>	<b>315911</b>	<b>894987</b>
	<b>2016</b>	<b>5420433</b>	<b>3035066</b>	<b>2385367</b>	<b>873829</b>	<b>369344</b>	<b>1142194</b>
	<b>2017</b>	<b>6721741</b>	<b>3740514</b>	<b>2981227</b>	<b>1170747</b>	<b>467272</b>	<b>1343208</b>
	<b>2018</b>	<b>8037021</b>	<b>4476719</b>	<b>3560302</b>	<b>1472321</b>	<b>547631</b>	<b>1540350</b>
	<b>2019</b>	<b>8927367</b>	<b>4950169</b>	<b>3977198</b>	<b>1732773</b>	<b>563734</b>	<b>1680691</b>
	<b>2020</b>	<b>9291883</b>	<b>5069857</b>	<b>4222026</b>	<b>1843057</b>	<b>593839</b>	<b>1785130</b>

NATIONAL ACCOUNTS

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

(at current prices; percent)

	2010	2015	2016	2017	2018	2019	2020
Agriculture, forestry and fishing	7,4	12,1	11,7	10,2	10,1	9,0	9,3
Mining and quarrying	5,7	4,8	5,5	5,9	6,0	5,6	4,6
Manufacturing	13,0	11,9	12,2	12,0	11,5	10,8	10,1
Electricity, gas, steam, and air-conditioning supply	2,8	2,7	3,1	2,9	3,1	3,1	2,9
Water supply, sewerage, waste management and remediation	0,7	0,4	0,4	0,3	0,3	0,4	0,4
Construction	3,3	1,9	2,0	2,2	2,3	2,7	2,8
Wholesale and retail trade; repair of motor vehicles and motorcycles	14,5	13,8	13,3	13,7	13,2	13,2	13,9
Transport and storage, postal and courier activities	7,8	6,8	6,6	6,4	6,4	6,6	6,2
Accommodation and food service activities	0,9	0,6	0,7	0,6	0,7	0,9	0,7
Information and communication	3,0	3,6	3,7	3,7	3,9	4,6	5,0
Financial and insurance activities	5,6	3,4	2,7	2,8	2,8	2,9	3,1
Real estate activities	5,3	6,2	6,1	5,8	5,8	6,1	6,4
Professional, scientific and technical activities	2,5	2,8	2,9	2,9	3,2	3,5	3,2
Administrative and support service activities	1,1	1,1	1,2	1,2	1,4	1,6	1,4
Public administration and defence, compulsory social security	4,8	4,8	5,2	5,5	6,0	6,7	7,3
Education	5,0	4,2	3,7	4,5	4,5	4,3	4,4
Human health and social work activities	3,7	2,6	2,5	2,5	2,2	2,4	2,7
Arts, entertainment and recreation	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Other services	0,8	0,7	0,7	0,7	0,8	1,0	0,9
<b>Total (at basic prices)</b>	<b>88,5</b>	<b>85,0</b>	<b>84,8</b>	<b>84,4</b>	<b>84,8</b>	<b>86,0</b>	<b>85,9</b>
Taxes on products	11,7	15,2	15,4	15,9	15,4	14,2	14,4
Subsidies on products	-0,2	-0,2	-0,2	-0,3	-0,2	-0,2	-0,3
<b>Gross domestic product</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>

**11.4. GDP structure, by income category**

(percent)

	2010	2015	2016	2017	2018	2019	2020
<b>Gross domestic product</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Labour remuneration of employees	48,2	39,1	36,6	39,3	41,4	43,6	43,7
Taxes less subsidies on production and imports	11,8	15,9	15,5	15,7	15,3	14,2	14,0
on products	11,5	15,0	15,2	15,6	15,2	14,0	14,1
other, related to production	0,3	0,9	0,3	0,1	0,1	0,2	-0,1
Gross operating surplus, mixed income	40,0	45,0	47,9	45,0	43,3	42,2	42,3

NATIONAL ACCOUNTS

**11.5. GDP, by category of final use**

(at current prices)

	2010	2015	2016	2017	2018	2019	2020
<b>Mln. UAH</b>							
<b>Gross domestic product</b>	<b>1120585</b>	<b>1988544</b>	<b>2385367</b>	<b>2981227</b>	<b>3560302</b>	<b>3977198</b>	<b>4222026</b>
Final consumption expenditure	946270	1723629	2032328	2618126	3209292	3705058	3908788
households	717509	1331526	1569702	1977640	2438778	2918278	3053971
non-profit institutions serving households	8379	15788	18899	23865	30977	39841	40173
general government	220382	376315	443727	616621	739537	746939	814644
individual consumption expenditure	143663	220859	251661	358480	415216	398874	426402
collective consumption expenditure	76719	155456	192066	258141	324321	348065	388242
Gross fixed capital formation	201887	269422	368691	470327	628296	700617	564315
Changes in inventories	3616	47231	148581	124730	32721	-109898	-188638
Acquisition, less disposal of valuables	375	188	929	137	784	1500	1447
Exports of goods and services	520585	1045928	1175953	1434713	1610511	1639866	1639060
Imports of goods and services	-552148	-1097854	-1341115	-1666806	-1921302	-1959945	-1702946
<b>Percent of total</b>							
<b>Gross domestic product</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Final consumption expenditure	84,4	86,7	85,2	87,8	90,2	93,2	92,6
households	64,0	67,0	65,8	66,3	68,5	73,4	72,3
non-profit institutions serving households	0,7	0,8	0,8	0,8	0,9	1,0	1,0
general government	19,7	18,9	18,6	20,7	20,8	18,8	19,3
individual consumption expenditure	12,8	11,1	10,6	12,0	11,7	10,0	10,1
collective consumption expenditure	6,9	7,8	8,0	8,7	9,1	8,8	9,2
Gross fixed capital formation	18,1	13,5	15,5	15,8	17,7	17,6	13,4
Changes in inventories	0,3	2,4	6,2	4,2	0,9	-2,7	-4,5
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	49,3	48,1	45,2	41,2	38,8
Imports of goods and services	-49,3	-55,2	-56,2	-55,9	-54,0	-49,3	-40,3



NATIONAL ACCOUNTS

11.6. Integrated table of

Accounts	Uses									
	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
<b>Production account / External goods and services account</b>	1702946	1702946								Import of goods and services
	1639060		1639060							Export of goods and services
	8696582	8696582								Output (at basic prices)
	5069857			5069857	14117	469493	236729	68978	4280540	Intermediate consumption
	606560	606560								Taxes on products
	-11259	-11259								Subsidies on products
	3626725			3626725	22092	867284	528539	128434	2080376	<b>Gross value added / gross domestic product<sup>1</sup></b>
	-569030			-569030	-4739	-83859	-63925	-11624	-404883	Consumption of fixed capital
	3057695			3057695	17353	783425	464614	116810	1675493	Net value added / net domestic product
	63886		63886							External balance of goods and services
<b>Generation of income account</b>	2159259		316202	1843057	16914	29226	464467	61196	1271254	Compensation of employees
	637154		—	637154	439	13865	147	3200	12943	Taxes on production and imports
	606560			606560						taxes on products
	30594		—	30594	439	13865	147	3200	12943	other taxes on production
	-43315			-43315	—	—	—	—	-32056	Subsidies on production and imports
	-11259			-11259						subsidies on products
	-32056			-32056	—	—	—	—	-32056	other subsidies on products
	1785130			1785130	4739	824193	63925	64038	828235	<b>Gross operating surplus, mixed income</b>
	1216100			1216100	0	740334	0	52414	423352	Net operating, mixed income
	708406		11814	696592	0	45788	122837	155011	372956	Property income
4314283			4314283	9897	3042650	668501	91524	501711	<b>Gross balance of primary income / gross national income</b>	
3745253			3745253	5158	2958791	604576	79900	96828	Net balance of primary income / net national income	

NATIONAL ACCOUNTS

national accounts for 2020

(mln. UAH)

Resources										
Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	Non-profit institutions serving households	Total economy	Rest of the world	Goods and services (resources)	Total	Accounts
Import of goods and services							1702946		1702946	<b>Production account / External goods and services account</b>
Export of goods and services								1639060	1639060	
Output (at basic prices)	6360916	197412	765268	1336777	36209	8696582			8696582	
Intermediate consumption								5069857	5069857	
Taxes on products			606560			606560			606560	
Subsidies on products			-11259			-11259			-11259	
<b>Gross value added / gross domestic product<sup>1</sup></b>	2080376	128434	528539	867284	22092	3626725			3626725	<b>Generation of income account</b>
Consumption of fixed capital										
Net value added / net domestic product										
External balance of goods and services							63886		63886	
Compensation of employees				2159259		2159259	...		2159259	<b>Allocation of primary income account</b>
Taxes on production and imports			637154			637154			637154	
taxes on products			606560			606560			606560	
other taxes on production			30594			30594			30594	
Subsidies on production and imports			-43315			-43315			-43315	
subsidies on products			-11259			-11259			-11259	
other subsidies on products			-32056			-32056			-32056	
<b>Gross operating surplus, mixed income</b>	828235	64038	63925	824193	4739	1785130			1785130	
Net operating, mixed income	46432	182497	133574	104986	5158	472647	235759		708406	
Property income										
<b>Gross balance of primary income / gross national income</b>	501711	91524	668501	3042650	9897	4314283			4314283	<b>Secondary distribution of income account</b>
Net balance of primary income / net national income										

NATIONAL ACCOUNTS

Accounts	Uses									
	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
<b>Secondary distribution of income account</b>	442032		8259	433773	0	313963	—	9984	109826	Current taxes on income, wealth, etc
	360239			360239		330847	156	21542	7694	Social contributions
	651773			651773	622		627807	907	22437	Social benefits other than social transfers in kind
	824851		202147	622704	22196	97092	279811	112872	110733	Other current transfers
	4425125			4425125	65904	3201483	799764	-29106	387080	<b>Gross disposable income</b>
	3856095			3856095	61165	3117624	735839	-40730	-17803	Net disposable income
<b>Redistribution of income in kind account</b>	466575			466575	40173		426402			Social transfers in kind
	4425125			4425125	25731	3668058	373362	-29106	387080	<b>Gross adjusted disposable income</b>
	3856095			3856095	20992	3584199	309437	-40730	-17803	Net adjusted disposable income
<b>Use of disposable income account</b>										Gross disposable income
										Adjustment for the change in net equity of households in non-government pension funds
	267		—	267	—	—	—	267	—	Final consumption expenditure individual consumption collective consumption expenditure
	3908788			3908788	40173	3053971	814644			
	3520546			3520546	40173	3053971	426402			
	388242			388242			388242			
	516337			516337	25731	147779	-14880	-29373	387080	<b>Gross saving</b>
	-52693			-52693	20992	63920	-78805	-40997	-17803	Net saving
<b>Use of adjusted disposable income account</b>										<b>Gross adjusted disposable income</b>
										Adjustment for the change in net equity of households in non-government pension funds
	267		—	267	—	—	—	267	—	Actual final consumption actual individual final consumption actual collective final consumption
	3908788			3908788		3520546	388242			
	3520546			3520546		3520546				
	388242			388242			388242			
	516337			516337	25731	147779	-14880	-29373	387080	<b>Gross saving</b>
	-52693			-52693	20992	63920	-78805	-40997	-17803	Net saving
-139213		-139213							Current external balance	

NATIONAL ACCOUNTS

Table 11.6 continued

Resources										
Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	Non-profit institutions serving households	Total economy	Rest of the world	Goods and services (resources)	Total	Accounts
Current taxes on income, wealth, etc			426826			426826	15206		442032	
Social contributions	22437	975	336205		622	360239			360239	
Social benefits other than social transfers in kind				651525		651525	248		651773	
Other current transfers	113622	23700	276006	249210	78203	740741	84110		824851	
<b>Gross adjusted disposable income</b>	387080	-29106	799764	3201483	65904	4425125			4425125	<b>Redistribution of income in kind account</b>
Net disposable income										
Social transfers in kind				466575		466575			466575	
<b>Gross adjusted disposable income</b>										
Net adjusted disposable income										
<b>Gross disposable income</b>	387080	-29106	799764	3201483	65904	4425125			4425125	<b>Use of disposable income account</b>
Adjustment for the change in net equity of households in non-government pension funds	—	—	—	267	—	267	—		267	
Final consumption expenditure individual								3908788	3908788	
consumption expenditure collective								3520546	3520546	
consumption expenditure								388242	388242	
<b>Gross saving</b>										
Net saving										
<b>Gross adjusted disposable income</b>	387080	-29106	373362	3668058	25731	4425125			4425125	<b>Use of adjusted disposable income account</b>
Adjustment for the change in net equity of households in non-government pension funds	—	—	—	267	—	267	—		267	
Actual final consumption actual individual final										
consumption actual collective final										
consumption										
<b>Gross saving</b>										

NATIONAL ACCOUNTS

Accounts	Uses									
	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
<b>Capital account</b>										Net saving
										Current external balance
										Capital transfers, receivable
										Capital transfers, payable
										Gross fixed capital formation
		564315		564315	313	40803	131310	11172	380717	
		-569030		-569030	-4739	-83859	-63925	-11624	-404883	Consumption of fixed capital
		-188638		-188638	-98	-485	10458	21	-198534	Changes in inventories
		1447		1447	—	1360	-11	98	—	Acquisitions less disposals of valuables
		0	-291	291	...	...	-1188	241	1238	Acquisitions less disposals of non-produced non-financial assets
	0	-139105	139105	28143	108459	-206030	-46208	254741	<b>Net lending (+), net borrowing (-)</b>	
<b>Financial account</b>										Statistical discrepancy
		0	133	-133				-133		Monetary gold and SDRs
		511444	-2157	513601	53347	170115	17644	32980	239515	Currency and deposits
		233875	-26114	259989		-613	-1301	251792	10111	Debt securities
		88042	62550	25492		3	54662	-29142	-31	Loans
		147239	15634	131605	—	0	11188	-1861	122278	Equity and investment fund shares or units
		6482	908	5574	...	3258		1629	687	Insurance, pension and standardized guaranteed schemes
		-9082	-9082	...	...	...	...	...	...	Financial derivatives and employee stock
		610695	64111	546584	...	-4631	5019	68092	478104	Other accounts receivable / payable

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

NATIONAL ACCOUNTS

Table 11.6 continued

Resources										
Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	Non-profit institutions serving households	Total economy	Rest of the world	Goods and services (resources)	Total	Accounts
Net saving	-17803	-40997	-78805	63920	20992	-52693			-52693	<b>Capital account</b>
Current external balance							-139213		-139213	
Capital transfers, receivable	68245	—	14524	2358	2627	87754	84		87838	
Capital transfers, payable	-17163	-5303	-65105	...	—	-87571	-267		-87838	
Gross fixed capital formation								564315	564315	
Consumption of fixed capital										
Changes in inventories								-188638	-188638	
Acquisitions less disposals of valuables								1447	1447	
Acquisitions less disposals of non-produced non-financial assets										
<b>Net lending (+), net borrowing (-)</b>	254741	-46208	-206030	108459	28143	139105	-139105		0	
Statistical discrepancy	-34079	18499	1621	0	-5680	-19639	19639		0	
Monetary gold and SDRs										
Currency and deposits		318649				318649	192795		511444	
Debt securities	6396	-27390	195889			174895	58980		233875	
Loans	-24412	29581	94948	-11614	...	88503	-461		88042	
Equity and investment fund shares or units	104206	38770				142976	4263		147239	
Insurance, pension and standardized guaranteed schemes	1629	4853				6482	...		6482	
Financial derivatives and employee stock	...	...	-9082	...	...	-9082	...		-9082	
Other accounts receivable / payable	474025	23601	13108	71287	19524	601545	9150		610695	

NATIONAL ACCOUNTS

11.7. Input-output

	Intermediate						
	agriculture, forestry and fishing	mining and quarrying	manufacturing	electricity, gas, steam and air-conditioning supply	water supply, sewerage, waste management and remediation	construction	wholesale and retail trade; repair of motor vehicles and motorcycles
Agriculture, forestry and fishing	226922	253	238748	706	36	164	24544
Mining and quarrying	2599	20732	174515	139148	270	19474	6292
Manufacturing	189936	66394	853485	45602	13664	203052	104940
Electricity, gas, steam and air-conditioning supply	16407	44599	103119	48868	8952	2677	16958
Water supply, sewerage, waste management and remediation	1256	829	5526	4594	4430	338	1262
Construction	5232	5314	21155	3113	924	254049	10804
Wholesale and retail trade; repair of motor vehicles and motorcycles	110847	40525	726730	3632	4391	11142	199266
Transportation and storage, postal and courier activities	56894	40400	173781	2588	2581	7997	60032
Accommodation and food service activities	182	129	894	211	18	218	522
Information and communication	1109	726	8780	2776	705	1104	16618
Financial and insurance activities	12171	4456	25930	9476	1235	1834	38685
Real estate activities	6592	1023	15623	2512	354	2651	37731
Professional, scientific and technical activities	9363	5339	64279	8856	2206	13213	46020
Administrative and support service activities	8156	4092	17059	1701	2109	3902	6514
Public administration and defence, compulsory social security	1343	1298	5863	5530	877	383	7427
Education	66	222	422	144	63	70	500
Human health and social work activities	63	63	226	37	32	37	83
Arts, entertainment and recreation	15	18	246	16	3	6	191
Other services	72	58	546	196	160	147	684
<b>Intermediate consumption</b>	<b>649225</b>	<b>236470</b>	<b>2436927</b>	<b>279706</b>	<b>43010</b>	<b>522458</b>	<b>579073</b>
Labour remuneration of employees	89612	63697	260402	72069	19307	60731	253829
Taxes on production and imports	21761	15091	451779	22419	4448	30033	10961
Subsidies on production and imports	-5131	-8349	-2202	-6057	-4299	-47	-800
Gross operating surplus, mixed income	304732	134262	164457	50643	-140	57795	329944
<b>Gross domestic product</b>	<b>410974</b>	<b>204701</b>	<b>874436</b>	<b>139074</b>	<b>19316</b>	<b>148512</b>	<b>593934</b>
<b>Output</b>	<b>1060199</b>	<b>441171</b>	<b>3311363</b>	<b>418780</b>	<b>62326</b>	<b>670970</b>	<b>1173007</b>

NATIONAL ACCOUNTS

at consumer prices in 2020<sup>1</sup>

(mln. UAH)

consumption

transportation and storage, postal and courier activities	accommodation and food service activities	information and communication	financial and insurance activities	real estate activities	professional, scientific and technical activities	administrative and support service activities	public administration and defence, compulsory social security	education	human health and social work activities	arts, entertainments and recreation	other services	total consumed
709	3980	3		165	401	595	2859	1744	446	26	17	<b>502318</b>
31021	244	50	1	1426	277	943	821	834	646	131	163	<b>399587</b>
116760	7236	19409	1323	15151	22168	14537	35642	5844	45939	1495	4317	<b>1766894</b>
37222	4285	4163	59	947	2741	4131	7776	6358	12295	2016	1410	<b>324983</b>
1202	357	72	19	1808	166	2365	599	379	1306	131	211	<b>26850</b>
11234	1768	1042	175	35753	16093	6452	9927	821	6125	347	1229	<b>391557</b>
10878	2041	8078	3478	5496	5457	5391	2793	6764	8580	1981	3702	<b>1161172</b>
72196	480	765	171	1409	6256	2103	7984	2658	1035	911	516	<b>440757</b>
499	721	333	7	51	1156	360	1195	58	304	272	65	<b>7195</b>
4942	610	126982	6183	2219	19493	2526	5250	7797	5440	756	1053	<b>215069</b>
11912	1239	4579	46130	8824	10835	2087	2650	4211	5195	318	1144	<b>192911</b>
4952	1660	10923	4304	14164	31939	1704	194	906	3323	307	489	<b>141351</b>
8729	1596	8999	6412	12418	18541	5397	4465	8775	7961	817	1154	<b>234540</b>
12676	1418	3216	1743	7405	3640	10005		2386	4136	1762	878	<b>92798</b>
5073	170	675	116	653	5069	228	1128	5072	2128	247	144	<b>43424</b>
607	5	216	71	64	467	60	923	16320	353	11	4	<b>20588</b>
216	12	63	73	16	44	10	203	34	6558	34	23	<b>7827</b>
111	211	1222		53	240	90	2194	2858	419	1495	2422	<b>11810</b>
618	196	743	202	95	487	116		1134	906	34	574	<b>6968</b>
<b>331557</b>	<b>28229</b>	<b>191533</b>	<b>70467</b>	<b>108117</b>	<b>145470</b>	<b>59100</b>	<b>86603</b>	<b>74953</b>	<b>113095</b>	<b>13091</b>	<b>19515</b>	<b>5988599</b>
155105	11697	69050	61400	32686	68941	40330	277291	165867	104750	21440	14853	<b>1843057</b>
13185	6778	16352	9918	5385	8008	7416	76	4201	6572	1216	1555	<b>637154</b>
-7342		-733		-541	-1579	-830			-163	-5242		<b>-43315</b>
112222	18363	137705	67303	235344	67851	18513	29166	19980	8642	7986	20362	<b>1785130</b>
<b>273170</b>	<b>36838</b>	<b>222374</b>	<b>138621</b>	<b>272874</b>	<b>143221</b>	<b>65429</b>	<b>306533</b>	<b>190048</b>	<b>119801</b>	<b>25400</b>	<b>36770</b>	<b>4222026</b>
<b>604727</b>	<b>65067</b>	<b>413907</b>	<b>209088</b>	<b>380991</b>	<b>288691</b>	<b>124529</b>	<b>393136</b>	<b>265001</b>	<b>232896</b>	<b>38491</b>	<b>56285</b>	<b>10210625</b>



NATIONAL ACCOUNTS

Table 11.7 continued

	Final consumption expenditure			Gross fixed capital formation			Exports of goods and services	Imports of goods and services	Product use
	households	NPISHs	general government	gross fixed capital formation	changes in inventories	acquisition less disposal of valuable			
Agriculture, forestry and fishing	334344		4900	5118	-49968		326801	-63314	<b>1060199</b>
Mining and quarrying	57949		39		-28353		133761	-121812	<b>441171</b>
Manufacturing	1859145	3635	7127	269906	-127972	1100	811773	-1280245	<b>3311363</b>
Electricity, gas, steam and air-conditioning supply	88358		71				10037	-4669	<b>418780</b>
Water supply, sewerage, waste management and remediation	22767		11646				1987	-924	<b>62326</b>
Construction	2991			259936	15516		2524	-1554	<b>670970</b>
Wholesale and retail trade; repair of motor vehicles and motorcycles	12598						1848	-2611	<b>1173007</b>
Transportation and storage, postal and courier activities	77608		25727				140279	-79644	<b>604727</b>
Accommodation and food service activities	74857						2042	-19027	<b>65067</b>
Information and communication	71984		2407	12456			147241	-35250	<b>413907</b>
Financial and insurance activities	33609						4030	-21462	<b>209088</b>
Real estate activities	234924	3335	1021	4889			545	-5074	<b>380991</b>
Professional, scientific and technical activities	10396		14752	9798	2139		39202	-22136	<b>288691</b>
Administrative and support service activities	36110		13				8864	-13256	<b>124529</b>
Public administration and defence, compulsory social security	551		362419				679	-13937	<b>393136</b>
Education	38219	1057	205422				189	-474	<b>265001</b>
Human health and social work activities	55739	11899	158848				326	-1743	<b>232896</b>
Arts, entertainment and recreation	13757	388	20230			347	1373	-9414	<b>38491</b>
Other services	28065	19859	22	2212			5559	-6400	<b>56285</b>
<b>Total</b>	<b>3053971</b>	<b>40173</b>	<b>814644</b>	<b>564315</b>	<b>-188638</b>	<b>1447</b>	<b>1639060</b>	<b>-1702946</b>	<b>10210625</b>

<sup>1</sup> The table is aggregated

NATIONAL ACCOUNTS

**11.8. Gross regional product**

(at current prices; mln. UAH)

	2010	2015	2016	2017	2018	2019	2020
<b>Ukraine</b>	<b>1082569</b>	<b>1988544</b>	<b>2385367</b>	<b>2981227</b>	<b>3560302</b>	<b>3977198</b>	<b>4222026</b>
Autonomous Republic of Crimea	32426	...	...	...	...	...	...
<b>oblasts</b>							
Vinnycya	23589	59871	74411	92288	111489	129097	135867
Volyn	14429	31688	35744	51919	60445	75637	77404
Dnipropetrovsk	116136	215206	244478	313527	369356	390325	398732
Donetsk	128986	115012	137500	165932	192161	204893	206309
Zhytomyr	18743	38425	47919	61424	77103	85267	91365
Zakarpattia	15299	28952	32390	43037	52445	61325	62022
Zaporizhzhya	42736	89061	104323	130187	147043	155158	167260
Ivano-Frankivsk	20446	45854	51404	63809	78439	86679	90398
Kyiv	44953	104030	128638	156829	198142	218647	242406
Kirovohrad	15749	38447	46021	52978	64417	73066	75208
Luhansk	45541	23849	31356	30265	35204	40291	43204
Lviv	41655	94690	114842	147308	177233	214400	236254
Mykolayiv	24055	48195	57815	69299	79903	92427	96648
Odesa	53878	99761	119800	149392	173224	197153	220242
Poltava	44291	95867	116272	150543	174089	187289	188424
Rivne	15882	35252	39469	48796	56835	67363	71901
Sumy	18333	41567	46287	56473	68476	75827	80432
Ternopil	12726	26656	31072	40715	49127	57140	62661
Kharkiv	65293	124843	154871	187238	233279	247592	257805
Kherson	15649	32215	38743	47819	55152	61939	68467
Khmelnyskiy	18096	41088	48859	63808	75638	83006	96380
Cherkasy	22354	50843	59412	73073	93287	103466	108822
Chernivtsi	9892	18506	21239	28579	33905	41660	45054
Chernihiv	17008	36966	43362	56611	70611	77981	84068
<b>cities</b>							
Kyiv	196639	451700	559140	699378	833299	949570	1014693
Sevastopol	7785	...	...	...	...	...	...

NATIONAL ACCOUNTS

**11.9. Share of gross regional product in the general total**

(percent)

	2010	2015	2016	2017	2018	2019	2020
<b>Ukraine</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Autonomous Republic of Crimea	3,0	...	...	...	...	...	...
<b>oblasts</b>							
Vinnnytsya	2,2	3,0	3,1	3,1	3,1	3,3	3,2
Volyn	1,3	1,6	1,5	1,7	1,7	1,9	1,8
Dnipropetrovsk	10,7	10,8	10,2	10,5	10,3	9,8	9,4
Donetsk	11,9	5,8	5,8	5,6	5,4	5,2	4,9
Zhytomyr	1,7	1,9	2,0	2,1	2,2	2,1	2,2
Zakarpattya	1,4	1,5	1,4	1,4	1,5	1,5	1,5
Zaporizhzhya	3,9	4,5	4,4	4,4	4,1	3,9	4,0
Ivano-Frankivsk	1,9	2,3	2,2	2,1	2,2	2,2	2,1
Kyiv	4,2	5,2	5,4	5,3	5,6	5,5	5,7
Kirovohrad	1,5	1,9	1,9	1,8	1,8	1,8	1,8
Luhansk	4,2	1,2	1,3	1,0	1,0	1,0	1,0
Lviv	3,8	4,8	4,8	4,9	5,0	5,4	5,6
Mykolayiv	2,2	2,4	2,5	2,3	2,2	2,3	2,3
Odesa	5,0	5,0	5,0	5,0	4,9	5,0	5,2
Poltava	4,1	4,8	4,9	5,0	4,9	4,7	4,5
Rivne	1,5	1,8	1,7	1,6	1,6	1,7	1,7
Sumy	1,7	2,1	1,9	1,9	1,9	1,9	1,9
Ternopil	1,2	1,3	1,3	1,4	1,4	1,4	1,5
Kharkiv	6,0	6,3	6,5	6,3	6,6	6,2	6,1
Kherson	1,4	1,6	1,6	1,6	1,5	1,6	1,6
Khmelnyskiy	1,7	2,1	2,0	2,1	2,1	2,1	2,3
Cherkasy	2,1	2,6	2,5	2,5	2,6	2,6	2,6
Chernivtsi	0,9	0,9	0,9	1,0	1,0	1,0	1,1
Chernihiv	1,6	1,9	1,8	1,9	2,0	2,0	2,0
<b>cities</b>							
Kyiv	18,2	22,7	23,4	23,5	23,4	23,9	24,0
Sevastopol	0,7	...	...	...	...	...	...

NATIONAL ACCOUNTS

**11.10. Per capita gross regional product**

*(at current prices; UAH)*

	2010	2015	2016	2017	2018	2019	2020
<b>Ukraine</b>	<b>23600</b>	<b>46413</b>	<b>55899</b>	<b>70171</b>	<b>84228</b>	<b>94632</b>	<b>101138</b>
Autonomous Republic of Crimea	16507	...	...	...	...	...	...
<b>oblasts</b>							
Vinnnytsya	14332	37270	46615	58296	71098	83133	88380
Volyn	13916	30387	34310	49937	58294	73192	75193
Dnipropetrovsk	34709	65897	75396	97043	114750	122298	126209
Donetsk	28986	26864	32318	39299	45936	49385	50124
Zhytomyr	14616	30698	38520	49700	62905	70225	76017
Zakarpattia	12278	22989	25727	34197	41706	48853	49538
Zaporizhzhya	23657	50609	59729	75196	85764	91452	99738
Ivano-Frankivsk	14814	33170	37220	46282	57030	63237	66245
Kyiv	26140	60109	74216	89904	112510	123216	135817
Kirovohrad	15533	39356	47469	55128	67743	77788	81166
Luhansk	19788	10778	14251	13873	16300	18793	20297
Lviv	16353	37338	45319	58183	70169	85177	94317
Mykolayiv	20276	41501	50091	60486	70325	82121	86750
Odesa	22544	41682	50159	62643	72731	82879	92823
Poltava	29652	66390	81145	105994	123722	134383	136608
Rivne	13785	30350	33958	42004	49038	58318	62485
Sumy	15711	37170	41741	51367	62943	70550	75815
Ternopil	11713	24963	29247	38563	46828	54821	60565
Kharkiv	23639	45816	57150	69409	86889	92835	97428
Kherson	14346	30246	36585	45486	52914	59972	66973
Khmelnyskiy	13602	31660	37881	49858	59576	65893	77153
Cherkasy	17325	40759	48025	59612	76881	86279	91817
Chernivtsi	10939	20338	23365	31495	37443	46135	50110
Chernihiv	15406	35196	41726	55139	69712	78098	85435
<b>cities</b>							
Kyiv	70424	155904	191736	238687	283175	320898	342247
Sevastopol	20455	...	...	...	...	...	...

NATIONAL ACCOUNTS

**11.11. Volume indices of gross regional product**

*(at the prices of the previous year; percent)*

	2010	2015	2016	2017	2018	2019	2020
<b>Ukraine</b>	<b>104,1</b>	<b>90,2</b>	<b>102,4</b>	<b>102,4</b>	<b>103,5</b>	<b>103,2</b>	<b>96,2</b>
Autonomous Republic of Crimea	103,4	...	...	...	...	...	...
<b>oblasts</b>							
Vinnnytsya	103,0	97,1	106,5	101,6	105,0	108,6	94,7
Volyn	100,2	95,3	108,2	105,2	103,8	94,2	97,2
Dnipropetrovsk	105,8	90,3	98,4	102,0	102,5	103,7	93,0
Donetsk	111,1	61,3	99,1	94,9	100,5	101,7	96,9
Zhytomyr	112,8	98,1	105,2	104,9	104,8	100,5	96,3
Zakarpattya	107,7	93,5	97,3	103,2	104,0	101,5	93,8
Zaporizhzhya	103,2	94,7	99,7	102,9	100,6	102,6	95,7
Ivano-Frankivsk	100,5	92,0	99,0	107,1	105,7	106,1	97,0
Kyiv	105,1	94,0	105,7	104,4	106,9	104,1	97,4
Kirovohrad	105,7	91,7	105,0	98,4	107,0	106,2	90,8
Luhansk	102,3	47,7	118,0	83,6	98,7	104,3	98,2
Lviv	102,3	95,2	99,3	103,7	105,7	104,6	99,7
Mykolayiv	103,2	95,3	105,6	99,0	103,1	106,6	91,2
Odesa	102,4	95,8	104,2	104,0	101,8	103,4	96,6
Poltava	109,5	93,8	97,9	96,7	103,8	101,0	96,0
Rivne	106,8	93,4	100,3	103,4	101,5	107,1	98,1
Sumy	98,9	96,7	96,6	100,1	105,5	101,9	98,0
Ternopil	100,4	93,7	98,5	105,5	103,3	103,6	96,8
Kharkiv	101,7	90,9	102,1	101,2	102,4	101,4	96,6
Kherson	101,8	98,7	102,8	100,7	99,9	104,6	95,6
Khmelnytskyi	100,0	92,2	104,7	106,2	101,9	100,7	100,0
Cherkasy	105,9	95,0	101,8	98,2	108,8	103,7	94,4
Chernivtsi	100,3	94,7	99,4	103,4	104,6	105,1	95,3
Chernihiv	100,0	93,4	100,6	102,0	104,2	101,7	97,1
<b>cities</b>							
Kyiv	101,4	93,3	105,5	105,7	103,7	103,1	97,0
Sevastopol	106,4	...	...	...	...	...	...

## 12. 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

**12.1. Consolidated budget of Ukraine<sup>1</sup>**

(mln. UAH)

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

<sup>1</sup> Here and elsewhere (Tables 12.2, 12.3) based on data from the Ministry of Finance of Ukraine (when rounding, the sum of the components may differ from the total for some indicators due to electronic data processing)

<sup>2</sup> 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

<sup>3</sup> Excluding lending

GOVERNMENT FINANCE AND CREDIT

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

(mln. UAH)

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

<sup>1</sup> 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

**12.3. Budgets of Ukraine (excluding inter-budget transfers)**

(mln. UAH)

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



## GOVERNMENT FINANCE AND CREDIT

Table 12.3 continued

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

## GOVERNMENT FINANCE AND CREDIT

Table 12.3 continued

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

## GOVERNMENT FINANCE AND CREDIT

Table 12.3 continued

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

<sup>1</sup> See the second footnote to Table 12.1

<sup>2</sup> See the third footnote to Table 12.1

GOVERNMENT FINANCE AND CREDIT

**12.4. Monetary aggregates<sup>1,2</sup>**

*(end of year; mln. UAH)*

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

<sup>1</sup> Here and elsewhere (Tables 12.5–12.7) based on data from the National Bank of Ukraine

<sup>2</sup> 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

**12.5. Resident deposit-taking corporations (banks) loans<sup>1</sup>**

*(end of year; mln. UAH)*

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

<sup>1</sup> With interest accrued; excluding credits given to depository corporations sector

**12.6. Official exchange rate of hryvnia to foreign currencies set by the National Bank of Ukraine, average per year**

*(UAH)*

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

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

*(end of year; mln. UAH)*

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

## 13. PRICES

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

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

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

**Price index for construction** the movements in construction prices over the time. It is compiled monthly based on data from other state statistical observation and administrative data. The weighing basis is the data on construction costs for certain types of building and structures.

**Index of tariffs for post and communications services** measure changes over time in tariffs for post and communications services of enterprises, establishments, and organisations. It is produced quarterly based on data on tariffs and representative services by type of services that are selected taking into account their representatives in the market for mail and communications services. The weighing base is the data on income resulting from the provision of post and communications services.

**Index of tariffs for merchandise rail** measures the changes over time in tariffs for merchandise transport according to type of freight, combination, distances. The index is estimated each quarter for each type of freight. The weighing base is data on income from haulage, freight transportation.

## PRICES

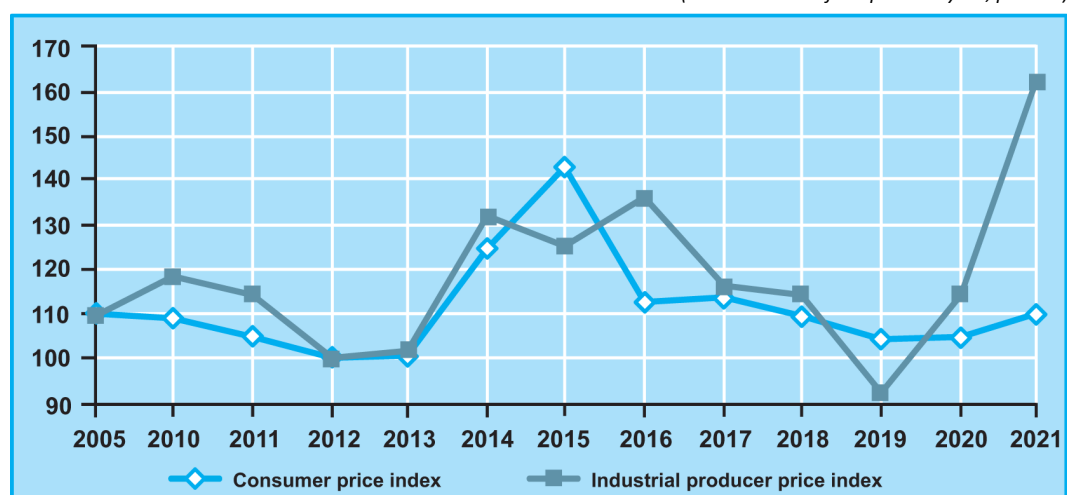
### 13.1. Price indices

*(percent of the previous year)*

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

### 13.2. Consumer price indices and industrial producer price indices in 2005–2021

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



### 13.3. Consumer and producer price indices

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

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

PRICES

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

(percent)

	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
	Dec. over Dec. of the previous year					of the previous year				
Foodstuffs and non-alcoholic beverages	110,2	110,6	141,5	104,9	112,7	116,2	110,9	145,9	102,7	110,8
Foodstuffs	110,8	110,7	140,1	105,2	113,3	117,5	110,7	144,4	102,9	111,3
bread and cereal products	102,2	116,5	144,6	109,7	117,3	98,9	112,3	160,6	108,6	114,3
bread	100,4	111,3	145,7	108,5	118,7	97,4	110,2	154,8	106,4	115,8
pasta	99,3	111,0	143,6	106,5	110,9	97,0	107,1	154,1	103,5	109,1
meat and meat products	118,4	104,1	122,5	100,8	112,9	130,3	102,0	131,3	99,9	109,3
fish and fish products	119,4	104,2	142,4	103,8	109,3	129,8	105,1	160,2	102,4	107,1
milk, cheese and eggs	110,1	116,0	133,5	108,0	111,9	123,4	121,9	128,5	104,7	112,5
oil and fats	102,0	108,1	141,5	108,8	123,8	124,0	109,6	145,5	102,6	125,2
fruits	126,1	109,3	148,2	112,9	89,8	120,6	105,1	172,4	122,2	97,9
vegetables	104,7	120,9	166,7	87,9	112,7	91,7	114,5	130,8	83,4	96,1
sugar	121,7	120,3	169,8	147,7	128,3	127,5	157,5	136,0	109,7	161,5
Non-alcoholic beverages	107,7	105,7	157,8	102,0	103,8	107,5	109,1	166,1	101,8	103,1
Alcoholic beverages, tobacco (products)	107,7	122,1	122,7	109,2	109,4	106,5	125,6	133,2	110,7	109,8
Clothes and footwear	102,2	102,2	135,0	92,7	96,5	101,9	103,7	133,1	95,4	95,5
clothes	101,6	102,3	133,2	92,8	96,4	101,6	103,6	131,1	95,8	95,6
footwear	102,6	102,5	137,8	92,5	95,9	102,1	104,1	136,4	94,8	95,2
Housing, water, electricity, gas and other types of fuels	114,6	113,8	203,0	113,6	109,8	109,0	109,4	215,8	97,0	123,2
water supply	127,6	106,4	123,0	118,5	111,8	114,9	112,9	138,7	121,8	113,2
sewerage	134,3	107,1	122,5	116,5	118,6	118,6	116,9	146,5	118,8	119,9
maintenance of buildings and adjacent territories	139,8	104,4	105,4	102,7	106,7	121,9	112,6	105,0	104,5	103,9
electricity	100,0	100,0	166,9	100,0	126,5	100,0	100,0	142,3	100,0	134,1
natural gas	101,2	150,1	373,0	156,3	115,5	100,5	120,9	453,2	81,2	165,8
hot water, heating	115,9	106,2	178,4	97,8	102,2	110,4	105,6	161,1	91,5	109,8
Household goods, household appliances and current maintenance of housing	102,1	101,2	136,0	100,5	104,2	104,7	103,2	145,9	99,3	102,9
Health care	109,2	105,8	129,1	107,7	106,1	109,7	107,9	137,6	105,3	106,6
Transport	119,7	106,6	120,4	102,7	111,1	120,0	109,6	136,8	98,1	110,0
fuels and lubricants	124,5	113,9	112,5	89,5	126,5	135,4	118,3	134,5	84,0	124,2
transport services	122,1	105,0	127,0	103,9	117,1	119,1	108,1	132,2	104,4	109,9
rail passenger transport	100,8	100,0	109,0	106,1	114,9	100,8	105,3	118,7	107,2	109,7
road passenger transport	125,5	105,8	130,6	103,0	119,8	121,8	108,4	134,5	104,3	110,5
Communications	101,7	91,1	107,0	104,1	107,4	100,7	93,6	105,9	106,5	105,2
Leisure and culture	102,7	102,5	137,9	100,1	105,0	103,9	104,0	142,7	98,2	103,3
Education	118,0	110,3	124,2	113,9	117,0	113,1	113,1	117,9	113,6	115,3
Restaurants and hotels	118,6	107,4	123,3	103,7	109,0	117,5	107,4	124,3	105,9	106,1
Various goods and services	106,3	108,7	131,4	106,0	109,1	106,2	109,2	138,6	106,4	106,5

## PRICES

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

	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
	Dec. over Dec. of the previous year					of the previous year				
<b>Ukraine</b>	<b>110,3</b>	<b>109,1</b>	<b>143,3</b>	<b>105,0</b>	<b>110,0</b>	<b>113,5</b>	<b>109,4</b>	<b>148,7</b>	<b>102,7</b>	<b>109,4</b>
Autonomous Republic of Crimea	111,5	109,6	...	...	...	113,2	110,7	...	...	...
<b>oblasts</b>										
Vinnnytsya	110,7	107,0	138,8	102,9	108,7	112,7	108,0	146,2	100,7	107,4
Volyn	109,1	108,1	143,3	105,8	109,9	112,5	108,0	150,5	103,8	109,8
Dnipropetrovsk	108,0	109,3	142,6	104,5	109,6	112,0	109,8	149,8	102,3	108,5
Donetsk	111,9	110,3	146,9	105,2	111,2	115,2	109,9	146,1	103,6	110,8
Zhytomyr	110,8	108,9	143,7	104,6	109,0	115,4	109,3	151,1	102,0	108,8
Zakarpattia	111,6	108,5	144,0	105,7	110,1	112,3	109,0	151,0	104,0	109,8
Zaporizhzhya	111,9	109,7	142,1	104,2	108,8	115,3	110,3	148,5	101,6	108,6
Ivano-Frankivsk	110,3	108,3	143,4	105,6	110,2	111,6	108,3	150,4	103,3	109,3
Kyiv	112,6	107,9	144,3	105,2	110,4	114,3	108,3	150,4	102,5	110,2
Kirovohrad	110,0	108,5	141,3	105,3	110,5	115,0	108,2	146,7	102,3	110,5
Luhansk	112,0	110,5	138,8	105,0	110,9	114,3	109,9	143,8	102,6	110,3
Lviv	108,4	109,7	145,2	105,3	108,9	111,6	110,5	152,5	103,0	108,9
Mykolayiv	111,5	110,0	143,5	104,9	110,3	113,4	110,0	149,0	102,6	109,2
Odesa	108,8	110,5	144,6	104,4	110,4	111,4	111,2	151,6	102,0	109,7
Poltava	113,7	108,4	145,0	103,7	110,4	116,1	109,2	149,2	102,3	109,0
Rivne	110,3	108,3	144,9	105,3	109,6	114,4	108,5	151,8	103,1	109,4
Sumy	112,2	108,9	145,5	104,8	111,0	115,9	109,1	150,4	102,5	110,0
Ternopil	108,4	108,5	145,1	103,7	109,5	110,8	108,1	151,7	102,1	108,2
Kharkiv	108,9	109,0	144,2	105,2	110,1	113,2	109,5	149,9	103,2	109,2
Kherson	109,2	110,6	145,8	105,6	110,0	113,6	109,8	150,1	102,5	110,0
Khmelnyskiy	108,5	109,6	142,5	104,9	109,8	113,3	110,2	148,5	103,3	108,9
Cherkasy	111,4	109,0	143,8	105,9	111,7	114,8	108,9	149,6	102,8	111,0
Chernivtsi	111,3	108,2	142,0	105,5	108,4	112,4	108,1	148,6	103,0	108,7
Chernihiv	109,9	109,5	145,6	105,2	110,6	114,1	108,9	152,7	103,1	109,6
<b>cities</b>										
Kyiv	110,5	109,8	138,6	105,8	109,7	112,9	110,0	143,9	103,1	109,2
Sevastopol	110,0	112,8	...	...	...	112,3	112,5	...	...	...



PRICES

13.6. Consumer price indices

	Consumer price indices	Of				
		foodstuffs and non-alcoholic beverages	alcoholic beverages, tobacco products	clothes and footwear	housing, water, electricity, gas and other types of fuels	household goods, household appliances and current maintenance of housing
<b>Ukraine</b>	<b>110,0</b>	<b>112,7</b>	<b>109,4</b>	<b>96,5</b>	<b>109,8</b>	<b>104,2</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnysya	108,7	111,5	109,8	89,9	104,6	94,4
Volyn	109,9	113,5	110,1	97,2	106,9	101,6
Dnipropetrovsk	109,6	113,4	108,8	90,8	105,8	102,4
Donetsk	111,2	112,8	110,3	100,8	114,3	106,1
Zhytomyr	109,0	112,4	110,6	96,8	107,5	100,3
Zakarpattya	110,1	113,1	110,0	96,7	106,8	104,6
Zaporizhzhya	108,8	111,7	108,0	95,3	106,6	100,5
Ivano-Frankivsk	110,2	112,8	109,5	96,2	107,7	105,8
Kyiv	110,4	112,3	110,3	103,3	108,1	106,4
Kirovohrad	110,5	111,6	109,2	92,2	116,3	101,1
Luhansk	110,9	114,9	110,1	92,4	111,5	104,7
Lviv	108,9	110,9	108,0	101,4	105,4	104,3
Mykolayiv	110,3	113,0	108,4	98,3	110,8	105,3
Odesa	110,4	113,2	110,3	92,6	115,3	103,2
Poltava	110,4	112,6	108,1	98,2	114,0	100,0
Rivne	109,6	112,8	108,7	95,0	107,3	106,8
Sumy	111,0	114,5	109,0	96,3	106,6	104,7
Ternopil	109,5	110,2	110,3	103,0	113,9	102,0
Kharkiv	110,1	114,8	111,5	101,3	100,6	106,4
Kherson	110,0	111,2	108,9	89,4	124,4	102,2
Khmelnyskiy	109,8	111,1	111,7	100,6	107,5	105,2
Cherkasy	111,7	112,9	109,9	96,7	118,5	106,3
Chernivtsi	108,4	110,8	108,7	101,8	105,0	103,7
Chernihiv	110,6	114,0	110,1	97,8	108,1	104,8
<b>cities</b>						
Kyiv	109,7	113,6	109,4	91,1	112,6	106,4
Sevastopol	...	...	...	...	...	...

PRICES

in 2021, by region

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

which

health care	transport	communications	leisure and culture	education	restaurants and hotels	various goods and services
106,1	111,1	107,4	105,0	117,0	109,0	109,1
...	...	...	...	...	...	...
105,4	111,4	106,6	101,4	116,9	107,0	120,5
104,8	113,6	109,4	102,8	109,7	107,9	104,6
106,8	111,3	104,9	103,9	121,4	106,6	111,8
109,3	112,6	109,5	107,4	123,2	106,6	107,1
105,6	108,6	108,5	101,5	110,4	110,2	105,6
109,5	111,6	107,0	106,2	108,4	108,8	110,2
103,8	110,4	105,3	102,4	119,5	113,7	112,5
107,3	110,9	108,9	105,1	121,6	112,0	113,8
106,5	114,0	107,5	105,6	110,8	113,9	108,1
102,6	120,5	108,4	103,4	129,5	108,0	111,6
105,2	111,1	106,3	108,2	121,2	105,8	110,6
105,0	112,5	105,8	104,5	111,1	108,3	110,9
108,0	112,0	107,3	108,3	126,4	109,3	106,9
106,5	113,6	108,1	105,1	106,9	111,9	101,5
103,1	119,1	105,1	103,5	117,8	108,5	105,8
103,5	112,0	105,6	108,2	113,9	111,1	105,4
105,7	117,0	107,8	104,7	110,9	114,4	104,4
106,3	110,0	106,5	106,9	119,0	107,8	106,1
105,0	107,7	107,6	106,1	114,8	109,4	107,5
106,1	114,5	107,1	102,4	110,5	107,0	104,3
104,2	112,4	106,5	106,2	118,3	111,1	112,8
106,6	113,4	107,5	106,8	120,7	111,2	113,1
106,7	106,1	107,9	111,2	116,6	104,2	104,9
107,3	113,3	112,3	93,6	119,6	106,3	115,6
104,7	103,3	107,4	103,2	118,0	110,2	109,3
...	...	...	...	...	...	...

PRICES

**13.7. Industrial producer price indices, by type of activity**

(percent)

	2015	2019	2020	2021	2015	2019	2020	2021
	Dec. over Dec. of the previous year				of the previous year			
<b>Industry</b>	<b>125,4</b>	<b>92,6</b>	<b>114,5</b>	<b>162,2</b>	<b>136,0</b>	<b>104,1</b>	<b>98,4</b>	<b>140,8</b>
Mining and quarrying	117,6	77,2	129,5	156,5	134,8	103,7	84,7	187,1
Mining of coal and lignite	99,2	76,4	92,7	250,6	126,0	99,1	71,9	133,8
Mining of crude oil and natural gas	220,3	67,7	128,6	179,6	211,7	97,2	71,7	199,4
Mining of metal ore	91,1	78,6	144,6	105,4	110,7	108,9	94,9	208,1
Manufacturing	123,8	94,3	115,7	128,1	136,7	100,0	101,6	129,9
including								
Manufacture of food products, beverages and tobacco products	136,4	101,8	121,9	116,9	142,5	104,0	109,2	125,3
Manufacture of textiles, apparel, leather and related products	126,7	102,1	104,7	103,7	133,2	106,3	103,4	102,6
Manufacture of wood and paper products, and printing	134,0	94,0	110,5	125,0	149,1	100,5	101,4	118,0
Manufacture of coke, and refined petroleum products	104,7	85,8	101,8	217,3	130,8	96,2	84,7	181,3
Manufacture of chemicals and chemical products	124,2	91,1	120,9	170,8	149,2	99,2	102,9	153,2
Manufacture of pharmaceuticals, medicinal chemical and botanical products	131,5	109,6	110,4	114,1	133,0	113,5	109,5	113,8
Manufacture of rubber and plastics products, and other non-metallic mineral products	129,6	102,6	104,1	122,4	137,5	107,3	101,7	111,7
Manufacture of basic metals and fabricated metal products, except machinery and equipment	112,4	81,2	125,2	141,9	135,3	90,9	96,1	156,3
Manufacture of computer, electronic and optical products	133,3	102,6	101,8	103,1	138,3	105,2	101,1	103,0
Manufacture of electrical equipment	121,6	84,6	104,4	114,6	134,1	95,6	91,1	112,1
Manufacture of machinery and equipment n.e.c.	128,2	100,0	101,8	118,7	127,0	103,3	100,5	112,1
Manufacture of transport equipment, trailers and semitrailers and other	115,5	101,1	101,2	117,8	113,4	106,3	101,2	107,3
Electricity, gas, steam and air-conditioning supply	133,2	94,4	103,9	285,4	134,4	111,4	96,3	152,0

PRICES

**13.8. Producer price indices, by selected consumer goods**

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

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

**13.9. Price indices for agricultural products sold by agricultural enterprises**

*(percent of the previous year)*

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

PRICES

**13.10. Price indices for construction**

(percent)

	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
	Dec. over Dec. of the previous year					of the previous year				
<b>Total</b>	<b>126,0</b>	<b>118,9</b>	<b>122,7</b>	<b>109,6</b>	<b>120,5</b>	<b>125,6</b>	<b>115,8</b>	<b>127,1</b>	<b>103,7</b>	<b>117,5</b>
Buildings	123,9	116,5	122,9	106,7	120,7	124,5	114,2	125,7	103,0	114,4
residential	122,1	116,6	124,6	107,4	119,7	122,5	113,5	124,2	104,8	112,4
non-residential	125,7	116,5	121,5	106,1	121,4	126,8	115,0	128,2	101,3	115,9
Engineering structures	127,9	122,7	122,0	114,3	120,3	126,5	118,3	129,7	104,7	121,9
transport structures	130,2	125,3	121,9	103,4	139,1	131,2	119,3	130,6	101,0	120,2
pipelines, communication and power lines	129,8	117,5	131,6	106,4	114,5	118,9	119,6	134,2	100,9	111,0
complex industrial structures	127,1	126,5	114,9	131,6	115,7	131,0	117,9	123,0	113,4	132,5
other engineering structures	124,3	115,4	115,4	108,0	121,1	144,0	113,0	131,9	98,5	119,8

**13.11. Tariff indices for post and communication services for enterprises, departments, organisations**

(percent)

	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
	IV Q over IV Q of the previous year					of the previous year				
<b>Total</b>	<b>99,6</b>	<b>110,8</b>	<b>114,2</b>	<b>104,6</b>	<b>106,7</b>	<b>99,4</b>	<b>107,2</b>	<b>108,9</b>	<b>110,8</b>	<b>103,5</b>
Mail services	111,0	108,6	120,0	112,5	116,7	104,1	108,6	113,3	112,5	104,2
Phone connection										
local	100,0	100,0	108,4	109,2	111,3	100,0	105,4	108,5	109,2	105,9
inter-city and international	96,6	97,7	105,1	...	...	97,4	99,4	104,0	...	...
inter-city	...	...	...	100,0	100,0	...	...	...	100,0	100,0
international	...	...	...	98,1	109,5	...	...	...	108,5	109,5
Mobile	100,0	114,4	116,4	101,4	102,1	100,0	108,4	108,2	109,5	101,7

PRICES

**13.12. Tariff indices for shipment of cargo by rail**

(percent)

	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
	IV Q over IV Q of the previous year					of the previous year				
<b>All cargo</b>	<b>139,7</b>	<b>102,1</b>	<b>130,5</b>	<b>100,0</b>	<b>108,8</b>	<b>139,3</b>	<b>102,2</b>	<b>137,7</b>	<b>103,2</b>	<b>104,4</b>
Coal	132,0	100,0	130,0	100,0	108,0	128,2	101,3	132,4	103,2	104,0
Iron ore	119,2	106,3	130,0	100,0	108,0	127,2	104,7	137,7	103,2	104,0
Mineral and construction	164,1	100,0	130,1	100,0	125,9	159,2	102,8	137,7	103,2	113,0
Ferrous metals	150,0	106,3	130,0	100,0	100,0	150,9	104,8	137,7	103,2	100,0
Oil and dark refined products	...	...	130,0	100,0	108,0	...	...	137,7	103,2	104,0
Light refined products	...	...	130,0	100,0	100,0	...	...	137,7	103,2	100,0
Chemical and mineral fertilisers	138,3	100,0	130,0	100,0	108,0	136,0	99,2	137,7	103,2	104,0
Coke	119,2	104,7	130,0	100,0	108,0	130,0	105,5	137,7	103,2	104,0
Chemical <sup>1</sup>	150,0	100,0	130,0	100,0	108,0	148,9	100,2	137,7	103,2	104,0
Grain crops	138,8	100,0	130,0	100,0	108,0	137,7	99,0	142,4	103,2	104,0
Lumber <sup>2</sup>	150,0	100,0	130,0	100,0	108,0	148,9	100,9	137,7	103,2	104,0
Cement	150,0	100,0	130,0	100,0	108,0	147,1	100,2	137,7	103,2	104,0

<sup>1</sup> Paintwork material, glues, oxides, carbohydrates, etc

<sup>2</sup> Round, mine timbers, sawnwood, etc

## 14. 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

**14.1. Number of registered legal persons, by region**

(as of January 1)

	2011	2016	2018	2019	2020	2021	2022
<b>Ukraine</b>	<b>1012993</b>	<b>1121347</b>	<b>1235024</b>	<b>1298435</b>	<b>1350627</b>	<b>1395448</b>	<b>1437009</b>
Autonomous Republic of Crimea	37095	...	...	...	...	...	...
<b>oblasts</b>							
Vinnycytsya	23619	27349	29869	30984	32031	33012	34318
Volyn	16190	18673	20288	21159	21933	22897	23627
Dnipropetrovsk	83229	92438	95678	97495	100768	103645	106275
Donetsk	79834	84073	86808	87995	90315	91822	93171
Zhytomyr	23673	27160	29456	30371	31428	32046	32670
Zakarpattya	18358	19987	21742	22438	23251	24137	25016
Zaporizhzhya	41193	43274	45583	46501	47441	48725	50432
Ivano-Frankivsk	22256	24326	26607	27577	28571	29459	30205
Kyiv	43211	55351	63257	66592	70046	73080	75654
Kirovohrad	19107	20714	22608	23487	24499	25348	26002
Luhansk	37586	39850	40307	40598	40997	41344	41445
Lviv	49432	57750	64462	67578	71104	74475	77475
Mykolayiv	36727	41047	44988	47383	48917	49939	51058
Odesa	60409	68103	76160	79306	83139	86456	89692
Poltava	27904	30147	32009	32775	33410	34608	35113
Rivne	17813	19446	21219	22041	22929	23918	24503
Sumy	19171	21074	22397	23633	24451	25128	25244
Ternopil	17460	19271	20601	21367	22012	22771	23152
Kharkiv	58613	67297	73703	76760	79644	83170	86327
Kherson	22110	24726	27169	28298	29034	29680	29574
Khmelnyskiy	25005	26908	28447	29343	29895	30474	31030
Cherkasy	22696	24739	27070	27909	28902	29848	30249
Chernivtsi	13317	14709	15365	15405	15910	16356	16584
Chernihiv	17566	19786	21239	21675	22397	23062	23291
<b>cities</b>							
Kyiv	165814	233149	277992	309765	327603	340048	354902
Sevastopol	13605	...	...	...	...	...	...



THE REGISTER OF STATISTICAL UNITS

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

(as of January 1)

	2011	2016 <sup>1</sup>	2018 <sup>1</sup>	2019 <sup>1</sup>	2020 <sup>1</sup>	2021 <sup>1</sup>	2022 <sup>1</sup>
<b>Total legal persons</b>	<b>1012993</b>	<b>1121347</b>	<b>1235024</b>	<b>1298435</b>	<b>1350627</b>	<b>1395448</b>	<b>1437009</b>
including							
farm	45070	43743	45035	45654	46929	47803	48868
private enterprise	223159	201788	200295	199990	200285	200160	199963
public enterprise	4750	4019	3893	3822	3750	3713	3664
state-run enterprise	43	33	32	32	32	32	30
communal enterprise	13024	11438	11640	12842	13883	14174	14188
subsidiary	15173	12336	12068	11823	11647	11554	11462
foreign enterprise	925	676	653	637	631	627	624
enterprise association of citizens (religious organisation, trade union)	3680	3288	3276	3268	3283	3331	3378
enterprise founded by consumer partnership	1334	1254	1213	1193	1165	1165	1121
joint-stock company	21157	15571	14710	14310	13902	13748	13646
of which							
public joint-stock partnership	926	3486	2186	1727	1418	1280	1204
private joint-stock partnership	1326	4149	5076	5304	5352	5370	5304
limited liability company	374752	488205	576554	632231	674437	707403	743682
extended liability company	655	1336	1453	1502	1513	1511	1511
full liability company	1483	1361	1344	1322	1315	1306	1297
mixed liability company	419	387	377	370	372	371	370
cooperative	29275	25763	26975	27524	28071	28596	29337
of which							
production	2149	2321	2248	2222	2206	2195	2181
serve	20507	17439	18654	19055	19547	20046	20776
consumer	659	730	749	753	762	776	776
agriculture and production	1297	998	996	1005	1009	1000	1001
agriculture and serve	808	949	1073	1207	1270	1279	1274

THE REGISTER OF STATISTICAL UNITS

Table 14.2 continued

	2011	2016 <sup>1</sup>	2018 <sup>1</sup>	2019 <sup>1</sup>	2020 <sup>1</sup>	2021 <sup>1</sup>	2022 <sup>1</sup>
public authorities, organisations (establishment, institution)	104941	102218	99033	96397	93952	95858	91992
of which							
state-run organisation (establishment, institution)	14615	12629	10708	10147	9613	10867	9924
communal (establishment, institution)	62614	61940	61782	60508	59103	58887	58195
private (establishment, institution)	880	955	1060	1111	1205	1331	1444
organisation (establishment, institution) public association (religious organisation, trade union, consumer cooperation, etc)	1396	1602	1536	1517	1497	1493	1478
association	2172	2260	2376	2422	2459	2486	2517
corporation	637	560	558	556	554	555	553
consortium	62	66	74	73	79	105	154
concern	238	195	191	188	185	186	187
union of consumer partnerships	352	322	319	318	317	314	309
other associations of legal persons	1015	756	753	750	742	743	742
commodity exchange	575	595	622	622	620	621	588
credit union	1141	1090	1079	1068	1061	1053	1044
consumer partnership	4488	4337	4420	4425	4389	4376	2
not state pension fund	80	72	73	73	74	74	73
political party	15038	15557	15791	15485	15322	15383	14630
non-profit organisation	55113	70321	80461	84608	88882	92470	96543
public union	151	753	1254	1455	1718	1875	2071
religious organisation	20370	23261	25223	26075	26347	26651	26915
trade union, association of trade unions	23081	26321	27601	28026	28486	28713	28973
creative union (other professional organisation)	248	279	311	314	317	317	318
charitable organisation	10143	15384	17726	18433	19112	19812	20498
condominium	11635	17109	27999	29916	32700	35353	37695
community association population	1188	1415	1552	1572	1614	1649	1730
<b>Separate units of legal persons</b>	<b>38932</b>	<b>38545</b>	<b>49922</b>	<b>53433</b>	<b>54656</b>	<b>54591</b>	<b>54562</b>
including							
branch (other separate unit)	34977	34278	45332	48573	49583	49378	49224
representative office	3955	4267	4590	4860	5073	5213	5338

<sup>1</sup> Data exclude the temporarily occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol

THE REGISTER OF STATISTICAL UNITS

**14.3. Number of registered legal persons, by type of economic activity**

(as of January 1)

	2018	2019	2020	2021	2022
<b>Total legal persons<sup>1</sup></b>	<b>1235024</b>	<b>1298435</b>	<b>1350627</b>	<b>1395448</b>	<b>1437009</b>
Agriculture, forestry and fishing	65185	67906	70903	73078	75740
Mining and quarrying	3431	3635	3787	3942	4056
Manufacturing	63309	67078	70497	73617	76690
Electricity, gas, steam and air-conditioning supply	4015	5318	6087	6538	6971
Water supply, sewerage, waste management and remediation	6240	6595	6862	7106	7361
Construction	57947	63169	67694	70907	73850
Wholesale and retail trade; repair of motor vehicles and motorcycles	210534	242334	259985	272074	284774
Transportation and storage, postal and courier activities	26604	29099	31550	33865	35949
Accommodation and food service activities	14067	15062	16323	17408	18789
Information and communication	25468	28185	30761	33103	36271
Financial and insurance activities	8548	9146	9577	10026	10578
Real estate activities	47932	51476	55611	58294	61637
Professional, scientific and technical activities	57875	62833	66953	70313	73642
Administration and support service activities	70285	75513	81829	87192	92383
Public administration and defence, compulsory social security	39636	38709	37771	39866	36336
Education	39251	40450	41187	41950	42648
Human health and social work activities	25864	27082	28329	29786	31157
Arts, entertainment and recreation	10915	11437	11990	12535	13238
Other services	116499	124040	130829	135945	140908

<sup>1</sup> See the footnote to Table 14.2

## 15. CAPITAL ASSETS

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

Capital assets include lands, buildings, constructions and transmitting devices, machines and equipment, vehicles, tools, perennial plants, animals, long-term biological 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

**15.1. Capital assets, by type of economic activity**

(end of year; mln. UAH)

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

CAPITAL ASSETS

**15.2. Cost of new fixed assets received during the year, by type of economic activity**

*(mln. UAH)*

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

CAPITAL ASSETS

**15.3. Degree of depreciation of capital assets, by type of economic activity**

(percent)

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

## 16. ENERGY

**Energy balances for 2019/2020** are compiled according to Regulation 203-p *On Current and Forecast Energy Balance* of the Cabinet of Ministers of Ukraine dated on March 11, 2011 according to the methodology of *International Energy Agency* (IEA) and which are published following international practice. When compiling energy balance, the indicators of the state statistical reporting and administrative data from Ukraine ministries and departments have been used.

Data on the natural gas are given using standards to measure at 15°C.

The **indicators of the GDP** energy intensity are produced as a ratio of primary energy input /energy final consumption to the GDP unit for the relevant period (according to energy balance data in tones of oil equivalent and the GDP data by purchasing power parity (PPP) compiled by the World Bank under the program *World bank development* (total primary energy delivery/energy final consumption to the GDP; tones of oil equivalent/1000 international dollars on PPP)).

**Fuel usage and stocks** for productive, communal and consumer needs are measured as the sum of expenditures of enterprises. These include expenditures for transformation into other types of fuel and energy; for non-energy purposes (as raw material, materials), for final consumption as well as expenditure on distributing, transporting and storing regardless

of the sources of their supplies (whether they have been bought with own funds or received as raw materials for the processing).

To identify the general amounts of the used fuels, as well as a proportion of the selected types of fuels in the total amount, all types of fuels are recalculated from the physical into the conventional values according to the coal equivalent (7000 kcal/kg).

**Energy delivery and supply indicators** contains information about the capacity and amounts of electric and heat energy delivered by all types of energy-generated capacities (thermal power plants meant to produce electric energy (CHP), central heating and power plant (thermal power plants with the combined cycle of electric and thermal energy production, TPP), nuclear power plants (NPP), wind power plants, solar power plants, hydroelectric plants, pumped storage plants, boiler units, recycling facilities, electric boilers, heat pumps and other energy-generated units).

The established electric and heat capacities of energy delivery sources are shown as of December 31 of the reference year.

**Energy usage indicators** contain data on the general amount of usage of electric energy (active energy), heat energy (steam and hot water) by all sources of supply (both from own production and external supplies) for production and exploitation, and utility needs of enterprises.



## ENERGY

**16.1. Usage of fuel in 2020, by selected type of economic activity**

	Usage <sup>1</sup>	Share of usage, by the selected economic activities, percent				
		agriculture, forestry and fishing	industry	construction	transport and storage; postal and courier activities	enterprises and organisations of other types of activity
<b>Total, mln.t of conventional fuel</b>	<b>100,5</b>	<b>2,7</b>	<b>76,0</b>	<b>0,7</b>	<b>3,2</b>	<b>1,7</b>
Coal, mln.t	38,0	0,1	98,8	0,0	0,1	0,5
Natural gas, bln.cub.m	29,9	1,1	66,3	0,1	3,4	1,6
Crude oil, of which oil obtained from bituminous minerals (including gas condensate), mln.t	c	c	c	c	c	c
Gasoline, thsd.t	1767,7	5,0	5,9	1,3	2,6	8,7
Gas oil (diesel fuel), thsd.t	5173,9	25,4	19,2	5,5	20,7	5,6
Heavy pet coke, thsd.t	98,2	0,1	79,9	4,4	10,2	5,4
Kerosene, thsd.t	6,4	0,6	25,7	0,5	2,6	70,6
Liquefied propane and butane, thsd.t	1384,2	2,8	11,3	0,6	1,5	2,6
Olive oil and grease; petroleum distillates heavy, thsd.t	218,4	7,3	84,7	1,6	5,1	1,2
Briquettes, ovoids and similar solid fuels manufactured from coal, thsd.t	3,8	1,7	58,1	0,0	3,5	36,7
Non-agglomerated fuel peat, thsd.t conventional moisture content	281,4	0,0	99,3	0,0	0,0	0,7
Firewood for the heating, thsd. densit cub.m	3865,4	6,5	24,7	0,5	0,6	17,2
Fuel briquettes and pellets from wood and other natural materials, thsd.t	471,8	8,0	78,0	0,4	1,6	11,8

<sup>1</sup> Data from enterprises, organisations and establishments on usage of fuel for production and exploitation, and municipal needs including the amounts sold to the population and retail trade through fuel filling stations

## ENERGY

**16.2. GDP energy intensity**

	2010	2015	2017	2018	2019	2020
GDP by the 2017 <sup>1</sup> purchasing power parity, bln. of international dollars	540,3	481,5	504,4	521,5	538,4	516,7
<b>Final energy supply</b>						
Final energy supply, thsd.t of oil equivalent	74004	50831	49911	51408	49665	47821
<b>Energy intensity</b> , t of oil equivalent/thsd. of international dollars by the 2017 purchasing power parity	<b>0,137</b>	<b>0,106</b>	<b>0,099</b>	<b>0,099</b>	<b>0,092</b>	<b>0,093</b>
<b>Total primary energy supply</b>						
Total primary energy supply, thsd.t of oil equivalent	132308	90090	89462	93526	89359	86402
<b>Energy intensity</b> , t of oil equivalent/thsd. of international dollars by the 2017 purchasing power parity	<b>0,245</b>	<b>0,187</b>	<b>0,177</b>	<b>0,179</b>	<b>0,166</b>	<b>0,167</b>

<sup>1</sup> Gross Domestic Product (GDP) at purchasing power parity (PPP) is published according to the *World Bank*, which since 2019 introduced the publication of data on PPP prices in international dollars in 2017 and revised the relevant data for previous years

**16.3. Structure of the consumed fuel in 2020, by purpose**

(percent)

	Usage <sup>1</sup>	Of which			
		for conversion to other fuels and energy	for non-energy purposes	final use <sup>1</sup>	distribution, transportation and storage losses
<b>Total</b>	<b>100,0</b>	<b>51,6</b>	<b>4,8</b>	<b>42,6</b>	<b>1,0</b>
Coal	100,0	89,1	0,4	10,6	0,0
Natural gas	100,0	38,9	9,6	48,5	3,0
Crude oil, of which oil obtained from bituminous minerals (including gas condensate)	100,0	c	c	c	c
Gasoline	100,0	0,0	0,0	100,0	0,0
Gas oil (diesel fuel)	100,0	0,2	0,0	99,8	0,0
Heavy pet coke	100,0	81,0	0,9	17,6	—
Kerosene	100,0	—	12,5	87,5	—
Liquefied propane and butane	100,0	0,3	0,0	99,6	0,0
Olive oil and grease; petroleum distillates, heavy	100,0	c	98,1	1,4	—
Briquettes, ovoids and similar solid fuels manufactured from coal	100,0	44,4	—	55,6	—
Non-agglomerated fuel peat	100,0	92,6	c	c	c
Firewood for heating	100,0	38,2	c	60,6	—
Fuel briquettes and pellets from wood and other natural materials	100,0	83,6	c	11,1	c

<sup>1</sup> See the footnote for Table 16.1

## ENERGY

16.4. Usage of selected types of fuel in 2020, by region<sup>1</sup>

(thsd.t)

	Coal	Natural gas, mln.cub.m	Gasoline <sup>2</sup>	Gas oil (diesel fuel) <sup>2</sup>	Heavy pet coke	Liquefied propane and butane	Firewood for the heating, thsd. densit cub.m	Fuel briquettes and pellets from wood and other natural materials
<b>Ukraine</b>	<b>38002,6</b>	<b>29939,9</b>	<b>1767,7</b>	<b>5173,9</b>	<b>98,2</b>	<b>1384,1</b>	<b>3865,4</b>	<b>471,8</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...
<b>oblasts</b>								
Vinnnytsya	c	691,3	57,2	225,5	3,4	55,3	244,2	35,1
Volyn	14,0	382,6	33,4	157,1	c	18,2	182,7	13,2
Dnipropetrovsk	8711,6	3401,6	162,3	540,7	3,0	135,2	56,7	33,4
Donetsk	13061,4	1984,4	51,0	190,1	c	56,7	36,1	2,8
Zhytomyr	9,3	522,9	44,5	161,5	c	44,5	424,3	7,2
Zakarpattya	13,6	395,7	45,4	114,6	0,2	17,7	294,9	3,3
Zaporizhzhya	4472,0	1000,8	91,1	189,2	c	70,0	18,1	61,7
Ivano-Frankivsk	c	732,1	39,6	135,8	c	22,9	229,1	2,9
Kyiv	c	1767,7	160,0	356,9	c	137,1	255,9	45,4
Kirovohrad	c	340,3	42,3	154,1	c	40,8	115,6	11,4
Luhansk	c	1223,2	20,5	59,1	c	21,4	64,3	3,8
Lviv	c	1236,0	96,1	278,7	—	59,1	174,1	34,5
Mykolayiv	c	983,0	46,0	190,7	c	34,4	29,2	13,9
Odesa	16,5	1957,4	130,1	384,0	7,6	93,2	47,6	4,7
Poltava	13,4	1531,0	69,2	312,6	c	77,9	108,3	5,0
Rivne	c	514,8	33,3	130,0	c	21,0	204,7	13,7
Sumy	c	692,0	44,6	118,2	c	44,1	280,9	7,5
Ternopil	11,3	466,7	28,8	127,6	—	24,8	79,7	7,5
Kharkiv	c	2883,8	105,4	251,1	c	107,7	81,6	97,1
Kherson	21,4	299,2	46,6	116,2	c	38,0	37,6	9,3
Khmelnyskiy	c	615,1	45,7	159,4	3,0	41,2	147,0	7,3
Cherkasy	c	1687,9	68,3	175,0	c	47,6	228,6	14,2
Chernivtsi	12,2	300,8	29,3	67,4	c	9,3	143,9	2,3
Chernihiv	c	618,2	31,3	145,5	c	37,0	297,2	5,5
<b>cities</b>								
Kyiv	c	3711,4	245,5	432,7	c	128,9	83,3	28,9
Sevastopol	...	...	...	...	...	...	...	...

<sup>1</sup> See the footnote for Table 16.1<sup>2</sup> Including of volumes of retails by filling stations

## ENERGY

**16.5. Capacity and delivery of energy in 2020, by source for energy supply**

	Established electrical capacity, thsd. kW	Electricity supply, mln.kW·h	Established heating capacity, Gcal/h	Release of thermal energy, thsd. Gcal
<b>Total</b>	<b>55138</b>	<b>137197</b>	<b>113384</b>	<b>88954</b>
Thermal power plants	22311	36300	4207	1125
CHP plants	5890	12837	29896	25517
Nuclear power plants	13835	71249	2596	1387
Wind power plants	1110	3271	×	×
Solar power plants	5194	5684	—	—
Hydroelectric power stations <sup>1</sup>	6335	7415	×	×
Heat-generating installations, boiler houses	×	×	70485	52954
Other energy-generated installations	463	441	6200	7971

<sup>1</sup> Including hydro pumb stations

**16.6. Usage of energy by basic type of economic activity<sup>1</sup>**

	Electric energy, mln.kW·h			Thermal power, thsd. Gcal		
	2019	2020	2021	2019	2020	2021
<b>Total</b>	<b>88795,2</b>	<b>83888,6</b>	...	<b>57860,2</b>	<b>56501,8</b>	...
Agriculture, forestry and fishing	2405,3	2111,4	...	1876,9	1736,7	...
Agriculture, hunting and related services	2291,0	2021,2	...	1629,9	1515,3	...
Forestry and logging	77,0	70,1	...	246,1	221,2	...
Fishing	34,6	20,1	...	0,9	0,3	...
Industry	68337,8	65655,8	...	43229,1	43625,9	...
Mining and quarrying	12146,4	12299,5	...	1959,9	1752,6	...
Mining of coal and lignite	2053,1	1963,7	...	653,7	587,1	...
Extraction of crude petroleum and natural gas	600,8	631,8	...	456,8	411,7	...
Mining of metal ores	8869,8	9109,1	...	552,1	539,9	...
Other mining and quarrying	470,1	478,8	...	228,0	167,9	...

## ENERGY

Table 16.6 continued

	Electric energy, mln.kW·h			Thermal power, thsd. Gcal		
	2019	2020	2021	2019	2020	2021
Manufacturing	37250,3	35136,6	...	37184,9	38031,9	...
Manufacture of food products	3991,0	4065,9	...	7403,8	7799,0	...
Manufacture of beverages	487,4	454,7	...	563,9	552,4	...
Manufacture of tobacco products	70,6	68,0	...	50,7	51,9	...
Manufacture of textiles	177,5	160,3	...	124,4	55,4	...
Manufacture of wearing apparel	132,4	120,0	...	46,9	94,6	...
Manufacture of leather and related products	64,4	48,0	...	32,7	24,8	...
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	789,3	798,1	...	822,6	967,4	...
Manufacture of paper and paper products	808,4	841,7	...	1339,8	1365,4	...
Printing and reproduction of recorded media	113,2	77,9	...	25,3	71,9	...
Manufacture of coke and refined petroleum products	824,9	782,7	...	2931,1	2861,7	...
Manufacture of chemicals and chemical products	3193,3	3782,9	...	6562,3	7422,0	...
Manufacture of basic pharmaceutical products and pharmaceutical preparations	200,1	180,7	...	174,0	172,8	...
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	837,0	795,5	...	265,5	174,2	...
Manufacture of other non-metallic mineral products	2503,9	2435,0	...	700,7	658,1	...
Manufacture of basic metals	18631,7	16704,9	...	14839,4	14590,7	...

## ENERGY

Table 16.6 continued

	Electric energy, mln.kW·h			Thermal power, thsd. Gcal		
	2019	2020	2021	2019	2020	2021
Manufacture of fabricated metal products, except machinery and equipment	710,9	630,8	...	182,2	170,9	...
Manufacture of computer, electronic and optical products	104,5	98,4	...	55,6	33,1	...
Manufacture of electrical equipment	517,5	443,1	...	163,5	138,9	...
Manufacture of machinery and equipment n.e.c.	1350,1	1281,7	...	332,8	301,8	...
Manufacture of motor vehicles, trailers and semi-trailers	163,5	128,5	...	45,3	32,6	...
Electricity, gas, steam and air conditioning supply	15609,8	15144,7	...	3602,9	3462,5	...
Water supply, sewerage, waste management and remediation	3331,3	3075,0	...	481,4	378,9	...
Construction	496,1	507,0	...	142,6	121,7	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	1852,8	1614,7	...	238,6	193,7	...
Transport and storage, postal and courier activities	6295,4	5432,0	...	1425,0	1286,2	...
Information and communication	658,2	593,4	...	125,2	113,0	...
Financial and insurance activities	184,0	129,8	...	106,7	70,7	...
Real estate activities	3528,0	2195,2	...	834,5	594,2	...
Professional, scientific and technical activities	329,3	281,8	...	273,9	268,8	...
Public administration and defence, compulsory social security	1792,3	1708,9	...	4237,1	3598,6	...
Education	754,2	581,5	...	2504,6	2238,7	...
Health care and social work activities	841,9	1708,7	...	2234,9	2105,7	...

<sup>1</sup> Energy use for production and operational, and economic needs of enterprises excluding the volumes delivered to households

## ENERGY

## 16.7. Energy balance

Supply and consumption	Coal and peat	Crude oil	Oil products	Natural gas
Production	14446	2478	—	16318
Imports	13239	1341	10383	9506
Exports	-49	-54	-756	—
International bunkering	—	—	-121	—
Change in stocks	-1561	20	184	-2441
<b>General supply of primary energy</b>	<b>26076</b>	<b>3786</b>	<b>9690</b>	<b>23383</b>
Inter-product transfers	—	-135	142	—
Statistical discrepancies	193	—	-266	-284
Power plants	-11620	—	-119	-309
Heat power plant (HPP)	-2012	—	-37	-3242
Central heating plants	-532	—	-32	-4664
Coke enterprises (blast-furnaces)	-2662	—	—	—
Gas enterprises	-37	—	—	—
Enterprises producing briquettes	-1784	—	—	—
Oil-refining enterprises	—	-3768	1239	—
Petrochemical enterprises	—	—	—	—
Other enterprises engaged into transformation	-133	135	—	—
Own consumption by energy sector	-637	-3	-60	-709
Losses due to transportation and distribution	-536	-6	—	-696
<b>Final consumption</b>	<b>6316</b>	<b>9</b>	<b>10558</b>	<b>13479</b>
<b>Industry</b>	<b>5127</b>	<b>1</b>	<b>516</b>	<b>2717</b>
Ferrous metallurgy	4290	—	84	1410
Chemical and petrochemical	2	—	14	177
Non-ferrous metallurgy	99	—	5	149
Non-metallic mineral products	652	—	56	398
Transport equipment	1	—	7	17
Engineering	4	—	7	106
Mining (excluding fuel)	48	—	207	266
Food and tobacco	28	—	19	156
Cellulose and paper, printing	—	—	1	18
Wood working and wood products	—	—	9	1
Construction	2	—	103	8
Textile and leather	—	—	1	5
Other types of industry	—	1	4	4
<b>Transport</b>	<b>5</b>	—	<b>7830</b>	<b>1536</b>
Domestic air transportation	—	—	182	—
Road	—	—	7486	20
Rail	5	—	27	—
Pipeline	—	—	—	1515
Domestic boat traffic	—	—	134	—
Other mode of transport	—	—	—	1
<b>Others</b>	<b>676</b>	—	<b>1415</b>	<b>7744</b>
Household sector	280	—	27	6831
Trade and services	389	—	142	817
Agriculture	7	—	1244	96
Fishing	—	—	1	—
Other consumers	—	—	—	—
<b>Non-energy uses</b>	<b>509</b>	<b>8</b>	<b>797</b>	<b>1482</b>
Industrial and energy sectors, transformation sector including raw material for industry	509	7	390	1482
On transport	—	—	11	—
In other sectors	—	1	396	—

## ENERGY

for 2019

*(thsd.t of oil equivalent)*

Nuclear power	Hydroelectric power	Wind, solar energy	Bio fuel and wastes	Electric power	Heat power	Total
21771	560	426	3786	—	667	<b>60452</b>
—	—	—	48	192	—	<b>34708</b>
—	—	—	-442	-540	—	<b>-1841</b>
—	—	—	—	—	—	<b>-121</b>
—	—	—	-43	—	—	<b>-3840</b>
<b>21771</b>	<b>560</b>	<b>426</b>	<b>3349</b>	<b>-348</b>	<b>667</b>	<b>89359</b>
—	—	—	—	—	—	<b>7</b>
—	—	—	—	—	—	<b>-357</b>
-21627	-560	-426	-24	11907	-49	<b>-22826</b>
-144	—	—	-154	1231	2759	<b>-1599</b>
—	—	—	-790	—	5700	<b>-317</b>
—	—	—	—	—	—	<b>-2662</b>
—	—	—	—	—	—	<b>-37</b>
—	—	—	—	—	—	<b>-1784</b>
—	—	—	—	—	—	<b>-2529</b>
—	—	—	—	—	—	<b>—</b>
—	—	—	-291	—	—	<b>-288</b>
—	—	—	—	-1344	-897	<b>-3650</b>
—	—	—	—	-1413	-1001	<b>-3652</b>
—	—	—	<b>2091</b>	<b>10033</b>	<b>7179</b>	<b>49665</b>
—	—	—	<b>74</b>	<b>4178</b>	<b>3509</b>	<b>16122</b>
—	—	—	7	1469	1194	<b>8454</b>
—	—	—	1	322	674	<b>1190</b>
—	—	—	—	133	290	<b>677</b>
—	—	—	15	215	70	<b>1405</b>
—	—	—	1	68	39	<b>132</b>
—	—	—	3	231	73	<b>425</b>
—	—	—	2	803	78	<b>1404</b>
—	—	—	9	391	802	<b>1406</b>
—	—	—	—	79	137	<b>235</b>
—	—	—	31	68	82	<b>191</b>
—	—	—	2	83	14	<b>213</b>
—	—	—	1	32	20	<b>60</b>
—	—	—	—	283	36	<b>328</b>
—	—	—	<b>88</b>	<b>568</b>	—	<b>10026</b>
—	—	—	—	—	—	<b>182</b>
—	—	—	88	—	—	<b>7594</b>
—	—	—	—	460	—	<b>492</b>
—	—	—	—	22	—	<b>1537</b>
—	—	—	—	—	—	<b>134</b>
—	—	—	—	86	—	<b>87</b>
—	—	—	<b>1929</b>	<b>5288</b>	<b>3670</b>	<b>20720</b>
—	—	—	1858	3030	1980	<b>14007</b>
—	—	—	43	1939	1502	<b>4831</b>
—	—	—	28	316	188	<b>1878</b>
—	—	—	—	3	—	<b>4</b>
—	—	—	—	—	—	<b>—</b>
—	—	—	—	—	—	<b>2796</b>
—	—	—	—	—	—	<b>2388</b>
—	—	—	—	—	—	<b>1496</b>
—	—	—	—	—	—	<b>11</b>
—	—	—	—	—	—	<b>397</b>



## ENERGY

## 16.8. Energy balance

Supply and consumption	Coal and peat	Crude oil	Oil products	Natural gas
Production	12753	2476	—	15856
Imports	11036	1815	10204	7386
Exports	-39	-116	-226	—
International bunkering	—	—	-32	—
Change in stocks	-935	21	72	602
<b>General supply of primary energy</b>	<b>22816</b>	<b>4196</b>	<b>10019</b>	<b>23844</b>
Inter-product transfers	—	7	-9	—
Statistical discrepancies	354	-33	-1203	-138
Power plants	-9943	—	-27	-404
Heat power plant (HPP)	-1741	—	-57	-3849
Central heating plants	-419	—	-34	-4871
Coke enterprises (blast-furnaces)	-2415	—	—	—
Gas enterprises	-33	—	—	—
Enterprises producing briquettes	-1460	—	—	—
Oil-refining enterprises	—	-4150	1052	—
Petrochemical enterprises	—	—	—	—
Other enterprises engaged into transformation	-109	—	-10	—
Own consumption by energy sector	-655	-5	-36	-703
Losses due to transportation and distribution	-572	-7	-1	-700
<b>Final consumption</b>	<b>5822</b>	<b>8</b>	<b>9695</b>	<b>13179</b>
<b>Industry</b>	<b>4885</b>	<b>0</b>	<b>644</b>	<b>2806</b>
Ferrous metallurgy	4144	—	74	1438
Chemical and petrochemical	1	—	4	139
Non-ferrous metallurgy	94	—	9	158
Non-metallic mineral products	609	—	221	463
Transport equipment	0	—	6	80
Engineering	4	—	9	111
Mining (excluding fuel)	8	—	127	218
Food and tobacco	23	—	21	161
Cellulose and paper, printing	—	—	2	21
Wood working and wood products	—	—	6	1
Construction	0	—	151	8
Textile and leather	—	—	0	5
Other types of industry	0	0	14	2
<b>Transport</b>	<b>3</b>	<b>—</b>	<b>6842</b>	<b>659</b>
Domestic air transportation	—	—	89	—
Road	—	—	6730	18
Rail	3	—	21	—
Pipeline	—	—	—	639
Domestic boat traffic	—	—	2	—
Other mode of transport	—	—	—	2
<b>Others</b>	<b>560</b>	<b>—</b>	<b>1175</b>	<b>7451</b>
Household sector	133	—	33	6502
Trade and services	422	—	126	827
Agriculture	5	—	1016	122
Fishing	—	—	0	0
Other consumers	—	—	—	—
<b>Non-energy uses</b>	<b>375</b>	<b>8</b>	<b>1034</b>	<b>2263</b>
Industrial and energy sectors, transformation sector including raw material for industry	375	6	512	2263
On transport	—	—	8	—
In other sectors	—	1	515	—

## ENERGY

of 2020

*(thsd.t of oil equivalent)*

Nuclear power	Hydroelectric power	Wind, solar energy	Bio fuel and wastes	Electric power	Heat power	Total
19994	650	794	4438	—	56	<b>57017</b>
—	—	—	51	234	—	<b>30726</b>
—	—	—	-424	-442	—	<b>-1246</b>
—	—	—	—	—	—	<b>-32</b>
—	—	—	176	—	—	<b>-63</b>
<b>19994</b>	<b>650</b>	<b>794</b>	<b>4241</b>	<b>-208</b>	<b>56</b>	<b>86402</b>
—	—	—	—	—	—	<b>-2</b>
—	—	—	—	-207	—	<b>-1227</b>
-19855	-650	-794	-59	11343	-55	<b>-20444</b>
-139	—	—	-186	1417	2902	<b>-1652</b>
—	—	—	-1507	—	6309	<b>-521</b>
—	—	—	—	—	—	<b>-2415</b>
—	—	—	—	—	—	<b>-33</b>
—	—	—	—	—	—	<b>-1460</b>
—	—	—	—	—	—	<b>-3099</b>
—	—	—	—	—	—	<b>—</b>
—	—	—	-308	—	—	<b>-427</b>
—	—	—	-1	-1257	-1007	<b>-3665</b>
—	—	—	—	-1328	-1028	<b>-3637</b>
—	—	—	<b>2179</b>	<b>9760</b>	<b>7177</b>	<b>47821</b>
—	—	—	<b>89</b>	<b>3946</b>	<b>3591</b>	<b>15961</b>
—	—	—	17	1308	1164	<b>8146</b>
—	—	—	2	341	759	<b>1247</b>
—	—	—	0	128	295	<b>685</b>
—	—	—	14	209	66	<b>1583</b>
—	—	—	0	67	34	<b>188</b>
—	—	—	2	211	64	<b>401</b>
—	—	—	1	824	71	<b>1249</b>
—	—	—	23	394	840	<b>1463</b>
—	—	—	0	79	144	<b>245</b>
—	—	—	24	69	97	<b>197</b>
—	—	—	2	82	12	<b>256</b>
—	—	—	1	28	17	<b>52</b>
—	—	—	2	204	27	<b>250</b>
—	—	—	<b>49</b>	<b>491</b>	—	<b>8045</b>
—	—	—	—	—	—	<b>89</b>
—	—	—	49	—	—	<b>6798</b>
—	—	—	—	396	—	<b>420</b>
—	—	—	—	24	—	<b>663</b>
—	—	—	—	—	—	<b>2</b>
—	—	—	—	71	—	<b>73</b>
—	—	—	<b>2041</b>	<b>5323</b>	<b>3585</b>	<b>20136</b>
—	—	—	1893	3143	1896	<b>13601</b>
—	—	—	120	1854	1516	<b>4864</b>
—	—	—	28	325	174	<b>1669</b>
—	—	—	—	2	0	<b>2</b>
—	—	—	—	—	—	<b>—</b>
—	—	—	—	—	—	<b>3679</b>
—	—	—	—	—	—	<b>3155</b>
—	—	—	—	—	—	<b>2174</b>
—	—	—	—	—	—	<b>8</b>
—	—	—	—	—	—	<b>516</b>

## 17. INDUSTRY

**Index of industrial products** is produced in line with international standards according to the Technique approved by decree № 224 of the State Statistics Committee of Ukraine dated on August 2, 2005 (with changes by the decrees № 91 of the State Statistics Service of Ukraine dated on March 14, 2013 and № 61 of January 23, 2020).

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

The index compilation in Ukraine prior to 2007 (by region before 2009) is based on

the chain-linked method on the basis of the monthly indices calculated using the data from enterprises on the value of output over the month at comparable prices.

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

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

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

### 17.1. Industrial production indices, by type of activity

(percent of the previous year)

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

INDUSTRY

*Table 17.1 continued*

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

INDUSTRY

**17.2. Industrial production indices, by region**

*(percent of the previous year)*

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

INDUSTRY

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

*(percent of the previous year)*

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

INDUSTRY

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

*(percent of the previous year)*

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

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

*(percent of the previous year)*

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

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

*(percent of the previous year)*

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

INDUSTRY

**17.7. Industrial production indices of engineering, by type of activity**

*(percent of the previous year)*

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



INDUSTRY

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

	2010		2015		2020		2021	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
<b>Industry<sup>1</sup></b>	<b>1065850,5</b>	<b>100,0</b>	<b>1776603,7</b>	<b>100,0</b>	<b>3236369,1</b>	<b>100,0</b>	<b>4678908,6</b>	<b>100,0</b>
Mining and quarrying	106055,1	10,0	191599,3	10,8	361685,4	11,2	597088,9	12,8
Manufacturing	716400,6	67,2	1139213,2	64,1	1879375,3	58,0	2618398,1	55,9
Production of foodstuffs, beverages and tobacco products	193055,6	18,1	398023,2	22,4	678844,4	21,0	842596,4	18,0
Textile industry, sewing of clothes, leather, leather articles and other materials	8425,4	0,8	17384,4	1,0	33043,1	1,0	42456,7	0,9
Manufacture of products of wood, manufacture of paper and printing	27128,8	2,6	60146,2	3,4	101782,9	3,1	141718,4	3,0
Manufacture of coke and refined petroleum products	75004,1	7,0	59971,7	3,4	70856,4	2,2	121251,5	2,6
Manufacture of chemicals and chemical products	35503,0	3,3	68010,1	3,8	81139,9	2,5	122722,7	2,6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	7404,3	0,7	20295,8	1,1	42408,0	1,3	50633,8	1,1
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	46629,1	4,4	85969,9	4,8	198261,3	6,1	270329,8	5,8
Manufacture of basic metals, manufacture of fabricated metal products, except machinery and equipment	200635,8	18,8	278502,8	15,7	397501,7	12,3	679491,0	14,5
Engineering	99270,5	9,3	115261,7	6,5	197343,6	6,1	243473,3	5,2
Manufacture of computer, electronic and optical products	7008,4	0,7	8772,9	0,5	15741,0	0,5	19149,6	0,4
Manufacture of electrical equipment	16193,4	1,5	24038,5	1,3	35850,0	1,1	47930,4	1,0
Manufacture of machinery and equipment n.e.c.	31222,4	2,9	41998,0	2,4	72490,3	2,2	91252,7	2,0
Manufacture of transport equipment, trailers and semi-trailers and other	44846,3	4,2	40452,3	2,3	73262,3	2,3	85140,6	1,8
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	23344,0	2,2	35647,4	2,0	78194,0	2,4	103724,5	2,2
Electricity, gas, steam and air conditioning supply	221808,4	20,8	424705,2	23,9	953589,4	29,5	1412574,8	30,2
Water supply, sewerage, waste management and remediation	21586,4	2,0	21086,0	1,2	41719,0	1,3	50846,8	1,1

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

INDUSTRY

**17.9. Output of selected types of products by mining and quarrying industry**

(mln.t)

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

<sup>1</sup> Includes enrichment product and ordinary coal shipped to customers without enrichment

<sup>2</sup> According to short-term statistics of industrial production by types

**17.10. Output of selected types of products by foodstuffs and beverages**

	Grated, powdered, blue-veined and other non-processed cheese excluding fresh cheese, whey cheese and curd), thsd.t	Wheat or meslin flour, thsd.t	Refined white cane or beet sugar in solid form, thsd.t	Sparkling wine of fresh grapes (excluding champagne; alcohol duty), thsd.dal	Beer made from malt (excluding non-alcoholic beer, beer containing ≤ 0,5% by volume of alcohol, alcohol duty) <sup>1</sup> , mln.dal	Waters, with added sugar, other sweetening matter or flavoured, i.e. soft drinks (including mineral and aerated), mln.dal
2000	50,0	2710,0	1780,1	3418,0	107,6	...
2005	223,6	2679,6	2139,1	4866,5	235,3	162,3
2010	185,8	2422,5	1805,0	6025,2	306,6	134,4
2015	96,6	2056,4	1459,3	4753,6	194,8	100,4
2017	94,3	1991,0	2042,7	3733,4	179,5	131,7
2018	97,0	1746,0	1753,6	3399,1	181,9	144,1
2019	86,1	1737,6	1490,0	2690,9	181,6	154,0
2020	85,2	1549,3	1022,0	2266,2	180,8	153,9
2021 <sup>2</sup>	70,1	1162,4	1416,2	2182,9	169,8	170,3

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

<sup>2</sup> See the second footnote to Table 17.9

INDUSTRY

**17.11. Output of selected types of engineering**

(thsd.pcs)

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

<sup>1</sup> 2000 – washing machines

<sup>2</sup> See the second footnote to Table 17.9

**17.12. Output of industrial products, by type**

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

INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Kaolinitic clays (ball and plastic clays), mln.t	0,8	0,1	0,1	0,4	c	...
Non-agglomerated fuel peat (conventional moisture), mln.t	0,5	0,5	0,5	0,5	0,3	0,3
Salt (including denatured salt) and pure sodium chloride, whether or not in aqueous solution or containing added anti-caking or free-flowing agents, mln.t	2,1	1,8	2,2	2,1	c	c
<b>Production of foodstuffs, beverages and tobacco products</b>						
Fresh or chilled carcasses, half-carcasses and quarters with bone in, of beef and veal, thsd.t	50,0	58,5	56,3	55,8	41,5	32,9
Fresh or chilled carcasses and half-carcasses, of pig meat (including fresh meat packed with salt as a temporary preservative), thsd.t	235,4	228,2	222,7	226,2	225,2	228,2
Frozen carcasses, half-carcasses, quarters and cuts, of beef and veal, thsd.t	20,7	18,4	20,2	16,6	11,7	17,3
Frozen carcasses and half-carcasses, of pig meat, thsd.t	12,4	6,6	6,7	11,8	14,0	c
Fresh or chilled whole chickens, thsd.t	325,9	319,8	266,9	249,0	226,7	194,7
Fresh or chilled cuts of chicken, thsd.t	361,9	455,8	412,4	391,0	348,9	352,7
Frozen whole chickens, thsd.t	145,0	76,8	103,8	128,4	153,5	173,9
Liver sausages and similar products and food preparations based thereon (excluding prepared meals and dishes), thsd.t	7,2	6,0	5,6	5,1	5,2	5,2
Sausages and similar products of meat, offal or blood and food preparations based thereon (excluding liver sausages and prepared meals and dishes), thsd.t	228,8	247,1	247,8	236,6	236,4	240,0
Tomato juice, mln.l	44,1	44,2	47,3	45,4	41,8	40,3
Apple juice, mln.l	86,1	74,0	105,9	100,6	63,4	100,7
Mixtures of fruit and vegetable juices, mln.l	188,6	186,8	184,3	188,6	171,5	190,8
Unconcentrated juice of any single fruit or vegetable, not fermented and not containing added spirit (excluding orange, grapefruit, pineapple, tomato, grape and apple juices), mln.l	67,2	69,9	75,8	70,8	65,9	73,9
Peas, preserved otherwise than by vinegar or acetic acid, except prepared vegetable dishes, thsd.t	15,9	11,8	11,9	12,5	13,4	14,8
Concentrated tomato puree and paste, thsd.t	94,2	112,5	112,4	108,2	125,9	129,5
Prepared or preserved sweetcorn (excluding prepared vegetable dishes and sweetcorn dried, frozen or preserved by vinegar or acetic acid), thsd.t	14,0	14,2	16,6	14,6	11,8	16,8
Vegetables (excluding potatoes), fruit, nuts and other edible parts of plants, prepared or preserved by vinegar or acetic acid, thsd.t	25,3	29,3	29,7	31,2	30,1	28,0
Jams, marmalades, fruit jellies, fruit or nut purees and pastes, being cooked preparations (excluding of citrus fruit, homogenised preparations), thsd.t	46,1	44,4	63,2	57,1	51,9	47,3
Sunflower and safflower oils and its fractions (excluding chemically modified), mln.t	3,7	5,4	5,1	5,8	6,1	4,6
Margarine and reduced and low fat spreads (excluding liquid margarine), thsd.t	142,0	140,9	136,6	140,4	120,9	98,0

INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Other edible preparations of fats and oils, including liquid margarine, thsd.t	50,0	88,3	85,2	106,1	111,3	71,6
Milk and cream of a fat content by weight of ≤ 1%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content > 2 l, thsd.t	461,1	464,3	442,7	435,0	433,7	328,7
Milk and cream of a fat content by weight of > 1% but ≤ 6%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content ≤ 2 l, thsd.t	472,3	478,2	496,7	474,4	493,4	458,4
Milk and cream of a fat content by weight of > 21%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of > 2 l, thsd.t	51,3	47,9	48,6	51,3	47,0	38,9
Skimmed milk powder (milk and cream in solid forms, of a fat content by weight of ≤ 1,5%), in immediate packings of > 2,5 kg, thsd.t	51,2	47,6	38,1	34,5	35,3	29,4
Butter of a fat content by weight ≤ 85%, thsd.t	101,0	108,4	105,0	91,6	87,5	71,0
Unripened or uncured cheese (fresh cheese) (including whey cheese and curd), thsd.t	67,8	68,2	72,6	64,1	81,4	85,3
Grated, powdered, blue-veined and other non-processed cheese (excluding fresh cheese, whey cheese and curd), thsd.t	96,6	94,3	97,0	86,1	85,2	70,1
Processed cheese (excluding grated or powdered), thsd.t	27,0	27,1	28,6	29,5	30,6	28,1
Condensed or evaporated milk, sweetened, thsd.t	51,6	42,8	34,9	35,7	37,8	32,7
Curdled milk, cream, yogurt and other fermented products, thsd.t	297,2	272,2	274,5	279,9	306,5	299,9
Flavoured liquid yoghurt or acidified milk (curdled milk; cream; yoghurt and other fermented products flavoured or containing added fruit; nuts or cocoa), thsd.t	105,8	116,3	125,9	135,8	138,8	140,1
Ice cream and other edible ice (including sherbet, lollipops) (excluding mixes and bases for ice cream), mln.l	135,8	151,8	156,3	157,4	141,6	140,8
Wheat or wheat-rye flour, mln.t	2,1	2,0	1,7	1,7	1,5	1,2
Fresh bread with no more dry content less than 5% sugars and no more than 5% fat (excluding added honey; eggs; cheese or fruit), mln.t	1,2	1,1	1,0	0,9	0,8	0,8
Sweet biscuits (including sandwich biscuits; excluding those completely or partially coated or covered with chocolate or other preparations containing cocoa), thsd.t	167,0	176,9	170,7	158,9	155,8	145,9
Waffles and wafers (including salted) (excluding those completely or partially coated or covered with chocolate or other preparations containing cocoa), thsd.t	47,9	51,0	51,2	52,6	56,0	50,9
Uncooked pasta (excluding containing eggs, stuffed or otherwise prepared), thsd.t	86,8	88,2	79,3	73,8	72,9	60,8
Refined white cane or beet sugar in solid form, mln.t	1,5	2,0	1,8	1,5	1,0	1,4
Chocolate blocks, slabs or bars (excluding filled, with added cereal; fruit or nuts, chocolate biscuits), thsd.t	16,5	18,6	22,2	24,7	24,0	22,4
Chocolates (excluding those containing alcohol, in blocks, slabs or bars), thsd.t	59,5	53,3	53,4	66,6	70,7	75,0
Sugar confectionery and substitutes therefor made from sugar substitution products, containing cocoa (including chocolate nougat) (excluding white chocolate), thsd.t	77,2	70,4	64,4	47,0	28,4	25,2
Gums, fruit jellies and fruit pastes in the form of sugar confectionery (excluding chewing gum), thsd.t	39,0	41,0	44,2	47,7	46,5	50,2

INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Boiled sweets, thsd.t	27,3	23,0	21,6	29,3	c	c
Toffees, caramels and similar sweets, thsd.t	83,7	78,2	75,1	77,6	c	c
Brands (including cognac of Ukraine), mln.l alc. 100%	11,9	9,7	9,0	9,3	7,6	c
Vodka of an alcoholic strength by volume of ≤ 45,4%, mln.l alc. 100%	74,0	54,4	50,9	47,7	50,7	50,9
Spirits, liqueurs and other spirituous beverages (excluding spirits distilled from grape wine, grape marc or fruit/whisky, rum, tafia, gin and geneva, vodka of an alcoholic strength by volume of ≤ 45,4%, spirits distilled from fruit) (important: excluding alcohol duty), mln.l alc. 100%	9,5	7,5	7,9	8,7	9,8	11,1
Sparkling wine from fresh grapes (except "Champagne" wine; including "Champagne of Ukraine"), mln.dal	4,8	3,7	3,4	2,7	2,3	2,2
Wine and grape must with fermentation prevented or arrested by the addition of alcohol, of an alcoholic strength ≤ 15% (excluding sparkling wine and wine (PDO)), mln.dal	7,8	7,2	7,3	7,4	6,3	4,7
Beer made from malt (excluding nonalcoholic beer, beer containing ≤ 0,5% by volume of alcohol, alcohol duty), mln.dal	194,8	179,5	181,9	181,6	180,8	169,8
Natural mineral spring waters, mln.dal	36,0	45,4	54,9	63,4	59,3	64,8
Fizzy natural mineral waters, mln.dal	72,8	73,9	85,5	89,7	85,5	89,7
Waters, with added sugar, other sweetening matter or flavoured, i.e. soft drinks (including mineral and aerated), mln.dal	100,4	131,7	144,1	154,0	153,9	170,3
Cigarettes containing tobacco or mixtures of tobacco and tobacco substitutes (excluding tobacco duty), bln.pcs	92,9	92,2	84,1	68,5	65,1	58,9
<b>Manufacture of textiles, apparel, leather and related products</b>						
Woven fabrics of cotton, not of yarns of different colours, weighing > 200 g/m <sup>2</sup> , for clothing, mln.sq.m	4,5	3,8	4,4	4,0	c	c
Woven fabrics of man-made filament yarns obtained from high tenacity yarn, strip or the like (including nylon, other polyamides, polyester, viscose rayon), mln.sq.m	45,4	67,2	62,7	67,7	75,0	c
Woven fabrics of synthetic filament yarns (excluding those obtained from high tenacity yarn or strip and the like), mln.sq.m	c	12,3	12,3	12,3	c	7,7
Pile fabrics, terry fabrics, knitted or crocheted, thsd.t	2,2	2,6	1,2	1,0	0,5	c
Knitted or crocheted fabrics (excluding pile fabrics), thsd.t	5,3	6,8	8,2	7,5	7,9	c
Bed linen of knitted or crocheted textiles, thsd.t	5,8	7,7	7,6	6,8	c	c
Woven carpets and other woven textile coverings (excluding tufted or flopped), mln.sq.m	2,4	4,2	5,1	5,7	c	c
Non-wovens of a weight of > 70 g/m <sup>2</sup> but ≤ 150 g/m <sup>2</sup> (including articles made from non-wovens) (excluding articles of apparel, coated or covered), thsd.t	4,0	6,2	5,9	6,5	5,5	6,1
Non-wovens of a weight of > 150 g/m <sup>2</sup> (including articles made from non-wovens) (excluding articles of apparel, coated or covered), thsd.t	11,6	13,8	12,4	14,1	13,0	13,8
Women's or girls' jackets and blazers, of knitted or crocheted textiles, thsd.pcs	380,9	373,7	410,7	356,3	487,8	573,3
Women's or girls' dresses, of knitted or crocheted textiles, mln.pcs	1,3	1,4	1,4	1,2	1,2	1,2
Men's or boys' coats, short coats, raincoats, cloaks, etc, thsd.pcs	318,1	356,9	334,0	376,3	269,6	156,3
Men's or boys' suits and ensembles of textile fabrics, not knitted or crocheted, thsd.pcs	346,5	400,3	419,0	255,2	175,3	124,5
Men's or boys' jackets and blazers, of textile fabrics, not knitted or crocheted, thsd.pcs	865,3	811,2	712,2	735,3	487,1	466,1

INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Women's or girls' overcoats, raincoats, etc, thsd.pcs	924,5	860,0	809,4	688,3	516,3	414,7
Women's or girls' jackets and blazers of textile fabrics, not knitted or crocheted, mln.pcs	1,5	1,4	1,4	1,1	1,0	0,5
Women's or girls' dresses, not knitted or crocheted, mln.pcs	1,2	1,7	1,5	1,8	1,3	1,2
Women's or girls' skirts and divided skirts, not knitted or crocheted, thsd.pcs	1011,4	739,3	775,3	604,8	320,0	238,9
Women's or girls' briefs and panties, of knitted or crocheted textiles (including boxer shorts), mln.pcs	3,9	4,3	4,1	4,6	2,8	3,9
Men's or boys' shirts, not knitted or crocheted, mln.pcs	1,3	1,5	1,3	1,2	0,7	0,4
Women's or girls' blouses, shirts and shirt-blouses, of textile fabric not knitted or crocheted, mln.pcs	1,2	1,7	1,7	1,4	1,1	0,7
Brassieres, mln.pcs	4,1	4,2	4,3	3,4	2,2	2,2
T-shirts, singlets and vests, knitted or crocheted, mln.pcs	5,0	6,1	6,5	5,0	5,3	5,2
Women's or girls' swimwear, of knitted or crocheted textiles, thsd.pcs	637,3	647,8	819,8	801,3	562,1	405,0
Panty hose and tights, of knitted or crocheted synthetic fibres, measuring per single yarn < 67 decitex, mln.pcs	31,9	27,7	26,8	21,3	c	c
Knitted or crocheted hosiery and footwear (including socks), mln. pairs	48,2	52,0	57,4	54,7	52,9	60,5
Men's or boys' jerseys, pullovers, sweatshirts, waistcoats and cardigans, of wool or fine animal hair (excluding jerseys and pullovers containing ≥ 50% of wool and weighing ≥ 600 g), thsd.pcs	197,2	190,1	177,3	173,6	77,1	c
Lightweight fine knit roll, polo or turtle neck jumpers and pullovers, of cotton, thsd.pcs	172,5	168,1	116,6	99,4	82,5	c
Women's or girls' jerseys, pullovers, sweatshirts, waistcoats and cardigans, of cotton (excluding lightweight fine knit roll, polo or turtle neck jumpers and pullovers), thsd.pcs	0,8	242,3	189,3	203,1	c	c
Traveling bags, suitcases road handbags-bag for cosmetics and toiletries, briefcases for documents, school bags and things like that are made of leather or of composition leather, patent leather, sheeting of plastics, of textile materials, aluminum and other materials, mln.pcs	1,9	1,8	2,0	1,6	1,6	1,7
Ladies leather bags leather or of composition leather lacquer, plastic sheets, textile or other materials (including bags without handles), thsd.pcs	218,6	207,5	618,5	1099,4	574,9	c
Waterproof footwear, with uppers in rubber or plastics (excluding incorporating a protective metal toecap), mln. pairs	1,2	1,8	1,7	1,3	1,3	1,0
Town footwear with rubber or plastic uppers, mln. pairs	5,1	5,7	5,8	5,5	4,7	4,2
Men's town footwear with leather uppers (including boots and shoes; excluding waterproof footwear, footwear with a protective metal toe-cap), mln. pairs	1,0	0,8	0,7	0,6	0,4	0,4
Women's town footwear with leather uppers (including boots and shoes; excluding waterproof footwear, footwear with a protective metal toe-cap), mln. pairs	1,2	0,9	1,2	0,8	0,5	0,3
Slippers and other indoor footwear (including dancing and bedroom slippers, mules) with uppers of textile materials, mln. pairs	7,8	7,7	6,4	10,7	7,0	5,6
Footwear with textile uppers (excluding slippers and other indoor footwear as well as footwear with outer soles of rubber, plastics, leather or composition leather), mln. pairs	3,2	3,7	3,6	3,3	c	c
Wooden footwear, miscellaneous special footwear and other footwear n.e.c., mln. pairs	1,6	1,7	1,5	1,4	c	c

INDUSTRY

09Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Manufacture of wood and of products of wood and cork, except furniture</b>						
Spruce wood ( <i>Picea abies</i> Karst.), fir wood ( <i>Abies alba</i> Mill.) sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm, thsd.cub.m	274,0	273,9	341,6	315,6	296,3	219,0
Pine wood ( <i>Pinus sylvestris</i> L.) sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm, thsd.cub.m	775,7	1412,0	1995,9	1979,2	2025,7	1518,1
Coniferous wood sawn or chipped lengthwise, sliced or peeled, of a thickness of > 6 mm (excl. spruce " <i>Picea abies</i> Karst.", silver fir " <i>Abies alba</i> Mill." and pine " <i>Pinus sylvestris</i> L."), thsd.cub.m	397,6	409,2	367,2	303,9	269,4	153,2
Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm (excluding coniferous and tropical woods and oak blocks, strips and friezes), thsd.cub.m	395,7	479,9	477,9	437,2	373,6	275,3
Coniferous wood continuously shaped (including strips and friezes for parquet flooring, not assembled), thsd.t	14,1	18,8	30,6	34,0	39,2	28,8
Wood, incl. strips and friezes for parquet flooring, not assembled, continuously shaped "tongued, grooved, rebated, chamfered, V-jointed beaded, moulded, rounded or the like" along any of its edges, ends or faces, whether or not planed, sanded or end-jointed (excl. coniferous wood and bamboo), thsd.t	69,1	64,3	100,8	107,0	99,8	110,0
Particle boards and similar boards of wood, unworked or sanded, mln.cub.m	2,2	2,5	2,6	2,3	2,2	2,8
Other plywood, veneered panels and similar laminated wood, of other wood, thsd.cub.m	185,8	180,1	190,0	176,8	180,6	192,9
Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness ≤ 6 mm of coniferous wood, thsd.cub.m	10,6	3,8	2,2	0,4	c	...
Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness ≤ 6 mm of other wood than coniferous or tropical wood, thsd.cub.m	156,6	204,8	212,9	216,3	207,6	215,9
Assembled parquet panels of wood for mosaic floors, thsd.sq.m	447,5	418,6	362,6	309,8	340,9	c
Windows, french windows and their frames, of wood, mln.pcs	1,0	1,1	1,0	1,1	c	c
Doors and their frames and thresholds, of wood, mln.pcs	1,1	1,0	1,0	1,2	1,2	0,9
<b>Manufacture of paper and paper products, printing</b>						
Graphic paper, paperboard: mechanical fibres ≤ 10%, weight ≥ 40 g/m <sup>2</sup> but ≤ 150 g/m <sup>2</sup> , in rolls, thsd.t	3,5	1,3	1,4	c	c	c
Paper stock for household: others, thsd.t	118,5	120,2	126,7	130,9	c	c
Other uncoated paper and paperboard, in rolls or sheets, weight ≤ 150 g/m <sup>2</sup> (excluding products of HS 4802, fluting paper, testliner, sulphite wrapping paper, filter or felt paper and paperboard), thsd.t	298,4	321,2	325,5	291,9	292,3	310,1
Other uncoated paper and paperboard, in rolls or sheets, weight > 150 g/m <sup>2</sup> and < 225 g/m <sup>2</sup> (excluding products of HS 4802, fluting paper, testliner, sulphite wrapping paper, filter or felt paper and paperboard), thsd.t	93,7	113,8	119,6	93,1	c	c
Corrugated paper and paperboard in rolls or sheets, thsd.t	148,9	159,5	149,0	151,8	141,5	132,2
Cartons, boxes and cases, of corrugated paper or paperboard, thsd.t	395,2	452,4	476,2	495,8	502,9	519,1
Folding cartons, boxes and cases, of non-corrugated paper or paperboard, thsd.t	78,5	123,6	129,0	101,1	83,1	86,3
Toilet paper (in rolls of a width of ≤ 36 cm or cut to size or shape), thsd.t	102,3	105,7	104,5	110,5	115,5	110,5



## INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>a</sup>
Exercise-books, of paper or paperboard, thsd.t	10,1	10,3	8,3	7,9	6,1	8,0
Wallpaper and similar wall coverings; window transparencies of paper, thsd.t	56,9	64,9	53,5	40,6	40,3	36,8
Printed newspapers, journals and periodicals, appearing at least four times a week, thsd.t	6,5	4,4	4,7	3,3	c	c
Printed newspapers, journals and periodicals, appearing less than four times a week, thsd.t	55,1	104,8	113,4	92,9	76,0	85,5
Printed books, brochures, leaflets and similar printed matter, in single sheets, thsd.t	5,0	5,9	6,8	9,6	7,9	7,1
<b>Production of coke, refined petroleum products</b>						
Coke-oven coke of coking coal; gas coke, mln.t	11,6	10,1	10,8	10,1	9,5	9,3
Pitches coal, lignite or peat; other mineral resin, thsd.t	498,2	446,9	475,6	449,2	449,3	441,2
Briquettes, ovoids and similar solid fuels manufactured, from peat, thsd.t	247,9	281,3	288,2	259,7	162,1	212,2
Primary oil processing (including gas condensate), mln.t	c	c	c	c	c	c
Petrol for motor vehicles with ≤ 0,013 g/L of lead content, mln.t	c	c	c	c	c	c
Diesel fuel for motor vehicles and rail, mln.t	c	c	c	c	c	c
Heavy fuel oil, mln.t	0,1	0,1	0,4	0,1	0,1	0,1
Petroleum oils and oils; petroleum distillates, heavy, thsd.t	73,5	111,7	147,1	150,0	108,4	92,0
Liquefied propane and butane, thsd.t	340,5	311,5	396,8	309,9	305,5	306,3
Bitumen (including shale), thsd.t	24,2	36,5	169,7	23,1	51,8	75,1
<b>Chemical and petrochemical industry</b>						
Other synthetic organic colouring matters, thsd.t	5,1	8,2	9,3	9,8	c	c
Hydrogen chloride (hydrochloric acid), thsd.t HCl	22,6	18,3	20,0	18,2	c	c
Sulphuric acid; oleum, mln.t H <sub>2</sub> SO <sub>4</sub>	0,5	0,5	0,7	0,7	0,7	0,8
Benzene, neat content percentage by mass ≥ 95%, thsd.t	42,1	75,5	108,6	92,9	114,4	141,7
Undenatured ethyl alcohol of an alcoholic strength by volume ≥ 80% (important: excluding alcohol duty), mln.dal	10,9	9,6	8,1	6,9	9,4	6,2
Anhydrous ammonia, mln.t N	2,2	1,0	0,8	1,5	2,3	c
Urea containing > 45% by weight of nitrogen on the dry anhydrous product (excluding in tablets or similar forms or in packages of a weight of ≤ 10 kg), mln.t N	1,0	0,6	0,4	0,8	1,2	c
Ammonium nitrate (excluding in tablets or similar forms or in packages of a weight of ≤ 10 kg), mln.t N	0,4	0,4	0,4	0,5	0,5	0,5
Plasticised polyvinyl chloride mixed with any other substance, in primary forms, thsd.t	40,5	60,6	61,1	58,4	56,6	59,4
Urea resins and thiourea resins, in primary forms, thsd.t	129,4	100,8	96,7	84,4	66,8	73,1
Polyurethanes, in primary forms, thsd.t	17,3	19,5	21,4	17,6	13,3	9,8
Paints and varnishes, based on acrylic or vinyl polymers dispersed or dissolved in an aqueous medium (including enamels and lacquers), thsd.t	60,7	76,0	75,9	78,1	79,7	77,9
Other paints, varnishes dispersed or dissolved in an aqueous medium, thsd.t	18,5	19,3	18,4	27,3	20,4	19,9
Paints and varnishes, based on polyesters dispersed/dissolved in a non- aqueous medium including enamels and lacquers excluding weight of the solvent > 50% of the weight of the solution, thsd.t	43,4	55,5	49,3	48,3	43,7	39,4
Soap and organic surface-active products in bars, etc, n.e.c., thsd.t	10,7	12,8	11,9	9,6	10,2	7,9

INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>a</sup>
Washing preparations and cleaning preparations, with or without soap, p.r.s. including auxiliary washing preparations excluding those for use as soap, surfaceactive preparations, thsd.t	190,3	193,8	200,5	185,5	212,8	191,5
Polishes, creams and similar preparations, for the aintenance of wooden furniture, floors or other woodwork (excluding artificial and prepared waxes), thsd.t	0,5	0,4	0,4	0,4	c	...
Polishes and similar preparations, for coachwork (excluding artificial and prepared waxes, metal polishes), thsd.t	0,4	1,7	1,8	1,8	c	...
Perfumes, thsd.dal	43,7	5,9	5,5	5,0	c	...
Toilet waters, thsd.dal	49,5	27,6	38,1	35,7	36,2	30,7
Manicure or pedicure preparations, thsd.t	1,3	1,3	1,1	0,9	0,7	0,6
Powders, whether or not compressed, for cosmetic use (including talcum powder), t	26,4	457,1	452,5	578,8	c	...
Beauty, make-up and skin care preparations including suntan (excluding medicaments, lip and eye make-up, manicure and pedicure preparations, powders for cosmetic use and talcum powder), thsd.t	5,2	6,4	7,4	8,2	7,0	6,1
Shampoos, mln.dal	1,5	1,2	1,1	1,2	1,1	1,1
Preparations for permanent waving or straightening of hair, t	59,0	50,0	84,0	124,9	150,6	...
Hair lacquers, t	201,0	167,0	137,0	230,0	c	...
Hair preparations (excluding shampoos, permanent waving and hair straightening preparations, lacquers), thsd.t	6,0	5,8	5,3	5,3	5,2	4,6
Preparations for oral or dental hygiene (including denture fixative pastes and powders), dental floss, t	67,0	103,6	106,4	140,9	148,6	...
Preparations for oral or dental hygiene (including denture fixative pastes; powders and tablets, mouth washes and oral perfumes, dental floss) (excluding dentifrices), t	216,0	590,5	516,6	396,6	486,8	...
Soap and organic surface-active products in bars, etc, for toilet use, thsd.t	26,9	24,6	21,2	13,2	13,4	14,5
Organic surface-active products and preparations for washing the skin; whether or not containing soap, p.r.s., thsd.t	10,5	13,2	14,8	13,8	15,0	18,0
Other personal preparations (perfumeries, toilet, depilatories), thsd.t	14,0	14,5	24,1	31,5	c	c
Polypropylene filament yarn, n.p.r.s. (excluding sewing thread), thsd.t	3,5	4,0	4,5	4,6	4,4	4,9
Polypropylene monofilament of $\geq 67$ decitex and with a cross-sectional dimension of $\leq 1$ mm (excluding elastomers), thsd.t	7,8	9,9	8,5	8,4	8,0	8,0
<b>Manufacture of basic pharmaceutical products and pharmaceutical preparations</b>						
Medicaments of other antibiotics, p.r.s., t	1217,6	1156,8	1230,7	1107,6	1680,1	1398,6
Medicaments containing corticosteroid hormones, their derivatives and structural analogues, put up in measured doses or for retail sale, t	84,2	115,9	127,8	112,0	114,0	121,5
Other medicaments of mixed or unmixed products, p.r.s., n.e.c., thsd.t	41,3	46,9	43,5	45,8	45,5	45,9
Preparations for X-ray contrast examinations, diagnostic reagents for administration to patients, t	52,9	58,9	78,2	94,3	c	...

## INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Manufacture of rubber and plastics products</b>						
Agrarian tyres; other new pneumatic tyres, of rubber, thsd.pcs	133,9	200,2	c	145,7	143,0	c
Rubber compounded with carbon black or silica, unvulcanised, thsd.t	2,3	3,5	5,0	5,4	6,7	7,8
Other compounded rubber, unvulcanised, in primary forms or in plates, sheets or strip, thsd.t	2,1	2,4	2,9	3,7	2,4	c
Rubber hose reinforced with textiles, thsd.t	1,1	1,8	4,3	4,5	2,6	3,4
Rubber hose assemblies, thsd.t	0,3	0,6	0,6	0,5	0,6	0,6
Other plates, sheets, film, foil and strip, of polymers of ethylene, not reinforced, thickness ≤ 0,125 mm, thsd.t	73,8	81,1	82,4	85,7	82,7	76,5
Other plates, sheets, film, foil and strip, of polymers of ethylene, not reinforced, etc, thickness > 0,125 mm, thsd.t	19,3	18,0	18,9	27,9	25,9	24,3
Other plates, sheets, film, foil and strip, of biaxially orientated polymers of propylene, thickness ≤ 0,10 mm, thsd.t	20,6	18,0	12,5	10,4	8,3	8,5
Other plates, sheets, film, foil and strip, of polymers of styrene, not reinforced, etc, thsd.t	22,5	23,5	24,9	23,1	27,1	25,7
Plates, sheets, film, foil and strip, of non-cellular plastics, n.e.c., not reinforced, laminated, supported or similarly combined with other materials (excluding self-adhesive products, floor, wall and ceiling coverings of HS 3918 and sterile surgical or dental adhesion barriers of CN 3006 10 30), thsd.t	25,1	32,1	33,1	31,7	c	c
Sacks and bags (including cones), of polymers of ethylene (excluding of synthetic fibres), thsd.t	47,5	54,9	61,5	74,6	73,5	69,7
Plastic doors, windows and their frames and thresholds for doors, mln.pcs	2,3	3,3	3,2	3,1	3,2	2,8
Tableware and kitchenware of plastic, thsd.t	7,3	8,0	8,4	8,8	9,4	9,2
Household articles and toilet articles, of plastics (excluding tableware, kitchenware, baths, shower-baths, washbasins, bidets, lavatory pans, seats and covers, flushing cisterns and similar sanitary ware), thsd.t	5,8	7,8	8,7	11,4	10,5	9,5
<b>Production of other non-metallic mineral products</b>						
Multiple-walled insulating units of glass, mln.sq.m	2,1	2,7	2,6	2,8	2,9	2,8
Glass preserving jars, stoppers, lids and other closures (including stoppers and closures of any material presented with the containers for which they are intended), thsd.t	164,3	216,5	172,9	219,8	279,3	280,1
Bottles of colourless glass of a nominal capacity < 2,5 l, for beverages and foodstuffs (excluding bottles covered with leather or composition leather, infant's feeding bottles), bln.pcs	1,2	1,4	1,4	1,5	1,5	1,6
Refractory ceramic constructional goods containing >50% of MgO, CaO or Cr <sub>2</sub> O <sub>3</sub> including bricks, blocks and tiles excluding goods of siliceous fossil meals or earths, tubing and piping, thsd.t	53,4	63,7	61,2	58,1	c	c
Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods containing, by weight, > 7% but < 45% alumina, but > 50% by weight combined with silica, thsd.t	138,0	162,5	162,0	163,9	c	c
Ceramic slabs and tiles, mln.sq.m	44,7	52,3	54,5	49,9	46,6	50,4

INDUSTRY

*Table 17.12 continued*

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

## INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Tubes and pipes, of circular cross-section, hot- or cold-formed and welded, of an external diameter ≤ 406,4 mm, of steel other than stainless steel, thsd.t	224,6	156,8	158,8	140,2	164,1	141,8
Tubes and pipes, of square or rectangular cross-section, of a wall thickness ≤ 2 mm, hot- or cold-formed and welded, of steel other than stainless steel, thsd.t	66,1	222,4	181,9	208,0	224,0	170,3
Tubes and pipes, of square or rectangular cross-section, of a wall thickness > 2 mm, hot- or cold-formed and welded, of steel other than stainless steel, thsd.t	149,1	173,2	192,3	151,8	135,3	123,2
Cold-formed sections, obtained from flat products, of non-alloy steel, coated with zinc, thsd.t	101,1	125,6	104,2	98,2	105,4	111,3
Cold-profiled (ribbed) sheets, of non-alloy steel, thsd.t	117,6	165,0	164,0	156,9	172,8	164,7
Iron or non-alloy steel wire containing < 0,25% of carbon including crimping wire excluding stranded wire, barbed wire used for fencing - duplex wire - saw-tooth wire, insulated electric wire, thsd.t	178,1	203,9	191,9	203,4	213,0	232,5
Iron or non-alloy steel wire containing 0,25-0,6% of carbon including crimped wire excluding stranded wire, barbed wire used for fencing, duplex wire, saw-tooth wire, insulated electric wire, thsd.t	43,9	55,8	31,0	30,2	31,5	21,3
Iron or non-alloy steel wire containing ≥ 0,6% of carbon including crimping wire excluding stranded wire, barbed wire used for fencing, duplex wire, saw-tooth wire, insulated electric wire, thsd.t	42,5	42,0	56,0	62,9	c	c
Prefabricated buildings, of iron or steel, thsd.t	45,4	73,8	69,2	71,2	61,0	67,2
Iron or steel equipment for scaffolding, shuttering, propping/pit-propping including pit head frames and superstructures, extensible coffering beams, tubular scaffolding and similar equipment, thsd.t	56,5	69,5	86,1	86,3	84,2	73,0
Other structures principally of sheet: other, thsd.t	64,4	103,3	122,4	152,0	136,0	157,5
Weirs, sluices, lock-gates, landing stages, fixed docks and other maritime and waterway structures, of iron or steel, structures and parts of structures of iron or steel, n.e.s. (excluding bridges and bridge-sections; towers; lattice masts; gates; doors, windows and their frames and thresholds; equipment for scaffolding, shuttering, propping or pit-propping, and structures and parts of structures not manufactured exclusively or mainly from plate), thsd.t	101,4	143,4	164,7	187,9	87,4	71,2
Central heating radiators and parts thereof without electric heating produced from ferrous metals, thsd.t	2,5	8,2	16,5	16,0	c	c
Boilers for central heating other than those of HS 8402, thsd.pcs	249,2	187,8	170,7	153,1	98,7	98,1
Iron or steel reservoirs, tanks, vats and similar containers for liquids, of a capacity > 300 litres (excluding fitted with mechanical or thermal equipment, lined or heat insulated), thsd.t	6,2	9,5	8,3	8,8	7,3	5,8
Iron or steel reservoirs, tanks, vats and similar containers for solids, of a capacity > 300 litres (excluding fitted with mechanical or thermal equipment), thsd.t	2,2	10,5	15,1	12,5	12,7	15,8
Super-heated water boilers (excluding central heating hot water boilers capable of producing low pressure steam), thsd.pcs	3,5	1,5	c	2,3	c	...

INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Iron or steel hexagon bolts with heads, with a tensile strength < 800 MPa (excluding of stainless steel), thsd.t	9,6	8,9	8,1	5,4	c	c
Iron or steel hexagon bolts with heads, with a tensile strength ≥ 800 MPa (excluding of stainless steel), thsd.t	2,5	5,1	4,3	3,0	c	c
Iron or steel nuts (including self-locking nuts), thsd.t	8,0	8,0	5,7	3,0	c	c
Threaded articles, n.e.c., of iron or steel, thsd.t	1,3	3,9	5,5	5,3	4,3	4,9
Table, kitchen or household articles and parts thereof of iron other than cast iron, or steel other than stainless (excluding enamelled), thsd.t	11,0	13,3	13,8	13,6	c	c
<b>Engineering</b>						
Photosensitive semiconductor devices; solar cells, photo-diodes, photo-transistors, etc, mln.pcs	0,9	0,01	0,01	0,2	c	c
Multilayer printed circuits, consisting only of conductor elements and contacts, mln.pcs	1,0	0,6	0,5	0,3	c	c
Printed circuits consisting only of conductor elements and contacts (excl. multiple printed circuits), mln.pcs	1,2	1,3	1,0	0,6	c	c
Passive networks (including networks of resistors and/or capacitors) (excluding resistor chip arrays, capacitor chip arrays, boards containing active components, hybrids), mln.pcs	1,2	3,1	3,1	3,5	3,0	4,0
Machines for the reception, conversion and transmission or regeneration of voice, images or other data, (including switching and routing apparatus), thsd.pcs	31,9	238,4	180,6	123,1	140,4	c
Thermometers, liquid-filled, for direct reading, not combined with other instruments (excluding clinical or veterinary thermometers), mln.pcs	2,6	3,6	2,8	2,6	c	c
Non-electronic hydro-, hygro-, psychrometers (including hygrographs, thermo-hygrographs, baro-thermo-hygrographs, actinometers, pagoscopes; excluding radio-sondes for atmospheric soundings), mln.pcs	1,4	1,4	2,1	1,7	c	c
Other non-electronic instruments and apparatus for physical or chemical analyses, n.e.c., thsd.pcs	279,8	268,7	282,8	179,9	c	...
Gas supply or production meters (including calibrated), thsd.pcs	806,6	615,1	367,4	445,9	394,3	c
Liquid supply or production meters (including calibrated) (excluding pumps), mln.pcs	1,6	1,5	1,1	0,9	0,8	c
Electricity meters (including calibrating (excluding voltmeters, ammeters, wattmeters, etc), mln.pcs	0,8	0,9	0,9	1,0	1,0	c
Automatic regulating or controlling instruments and apparatus, hydraulic or pneumatic, thsd.pcs	7,8	25,6	3,4	7,1	5,1	...
Instruments and apparatus, regulating or controlling, n.e.c., thsd.pcs	61,1	93,7	109,0	116,1	115,2	110,3
DC motors and generators of an output > 37,5 W but ≤ 750 W (excluding starter motors for internal combustion engines), thsd.pcs	10,5	11,6	10,4	0,6	6,1	c
DC motors and DC generators of an output > 750 W but ≤ 75 kW (excluding starter motors for internal combustion engines), thsd.pcs	4,9	2,0	2,7	0,5	0,4	0,3
Single-phase AC motors of an output ≤ 750 W, thsd.pcs	64,2	63,4	54,0	36,7	38,0	c
Multi-phase AC motors of an output ≤ 750 W, thsd.pcs	127,0	123,2	96,7	54,4	c	...
Multi-phase AC motors of an output > 0,75 kW but ≤ 7,5 kW, thsd.pcs	27,3	27,2	17,0	12,9	c	c

INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Other transformers, n.e.c., having a power handling capacity ≤ 1 kVA, mln.pcs	6,9	11,0	13,3	11,3	c	c
Other apparatus for switching... electrical circuits > 1000 V, thsd.pcs	20,4	61,3	61,8	38,3	28,5	23,9
Fuses for a voltage ≤ 1 kV and for a current > 63 A, mln.pcs	1,2	0,2	0,2	0,3	c	...
Automatic circuit breakers for a voltage ≤ 1 kV and for a current ≤ 63 A, mln.pcs	1,2	3,2	2,1	2,5	2,4	c
Relays for a voltage > 60 V but ≤ 1 kV, mln.pcs	3,2	4,0	5,0	4,5	c	c
Insulated winding wire, thsd.t	5,0	10,6	9,1	4,3	10,3	4,0
Other electric conductors, for a voltage ≤ 1000 V, not fitted with connectors, thsd.t	108,0	111,7	143,0	156,2	152,7	117,7
Insulated electric conductors for voltage > 1000 V (excluding winding wire, coaxial cable and other coaxial electric conductors, ignition and other wiring sets used in vehicles, aircraft, ships), thsd.t	9,1	9,0	13,2	19,3	17,4	c
Electrical apparatus for switching electrical circuits for a voltage ≤ 1 kV (including push-button and rotary switches) (excluding relays), mln.pcs	17,2	15,1	15,9	16,0	15,0	c
Lamp-holders for a voltage ≤ 1 kV, mln.pcs	8,9	9,9	6,3	4,0	c	c
Plugs and sockets for a voltage ≤ 1 kV (excluding for coaxial cables, for printed circuits), mln.pcs	6,7	5,4	4,6	4,1	3,5	2,6
Prefabricated elements for electrical circuits for a voltage ≤ 1 kV, mln.pcs	10,3	17,1	18,8	17,4	c	c
Connections and contact elements for wires and cables for a voltage ≤ 1 kV, mln.pcs	5,3	5,5	10,0	13,6	9,3	9,0
Chandeliers and other electric ceiling or wall lighting fittings (excluding those used for lighting public open spaces or thoroughfares), mln.pcs	1,3	1,3	1,3	1,3	1,1	1,0
Electric lamps and lighting fittings, of plastic and other materials, of a kind used for filament lamps and tubular lamps, including lighting sets for Christmas trees and LED lamps, thsd.pcs	718,9	751,2	749,3	862,2	716,3	896,1
Washing machines and machines for drying clothes, everyday, thsd.pcs	270,3	326,3	340,9	300,2	c	c
Electric water heaters and immersion heaters (excluding instantaneous water heaters), mln.pcs	1,1	1,4	1,2	1,0	0,9	1,1
Electric radiators, convection heaters and heaters or fires with built-in fans, thsd.pcs	703,8	469,7	622,9	609,1	c	c
Other electric space heaters, thsd.pcs	55,8	138,7	231,3	236,5	182,8	...
Electric cooking plates, boiling rings and hobs for domestic use, thsd.pcs	213,7	211,4	246,1	176,6	104,4	129,8
Appliance cords, extension cords, and other electrical cord sets, for a voltage ≤ 1 kV, with insulated wire and connectors, thsd.t	25,5	14,1	0,3	0,3	0,8	1,2
Hydraulic cylinders, thsd.pcs	82,3	157,4	168,4	189,0	187,3	276,8
Hydraulic pumps (gear), thsd.pcs	632,8	672,9	667,1	578,8	c	c
Hydraulic systems, with cylinders as actuators, thsd.pcs	133,4	144,7	152,0	134,7	c	c
Submersible motor, single-stage rotodynamic drainage and sewage pumps, thsd.pcs	68,4	65,2	52,3	41,6	c	c

INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Submersible motor, multi-stage rotodynamic pumps, thsd.pcs	114,5	121,7	158,7	120,4	c	c
Ovens and electric ovens for confectioneries, pcs	156	92	82	45	c	...
Bridge cranes on fixed bearings, pcs	78	64	112	72	69	75
Mobile cranes, gantry cranes and bridge cranes, pcs	59	107	94	119	72	112
Bucket type continuous-action elevators and conveyors for goods or materials, pcs	625	1134	738	675	585	638
Belt type continuous-action elevators and conveyors for goods or materials, pcs	780	1185	1512	1371	3999	1414
Continuous-action elevators or conveyors for goods or materials (excluding pneumatic elevators or conveyors, those designed for use underground, bucket type, belt type, roller conveyors), thsd.pcs	1,6	2,6	2,6	1,8	1,7	1,6
Refrigerated show-cases and counters incorporating a refrigerating unit or evaporator (excluding for frozen food storage), thsd.pcs	6,8	2,8	20,6	61,6	c	c
Other refrigerating or freezing equipment, thsd.pcs	83,5	127,6	129,4	81,7	93,7	c
Centrifugal fans (excluding table, floor, wall, window, ceiling or roof fans with a self-contained electric motor of an output ≤ 125 W), thsd.pcs	164,6	168,9	203,8	183,0	c	c
Tractors of an engine power > 59 kW, excluding pedestrian-controlled tractors, road tractors for semi-trailers, track-laying tractors, thsd.pcs	2,8	3,3	2,4	1,4	0,9	1,2
Ploughs, thsd.pcs	3,7	2,9	3,0	2,5	2,7	2,3
Rippers and cultivators, thsd.pcs	3,4	4,0	2,9	3,9	2,5	3,0
Disk harrows, thsd.pcs	2,3	3,3	2,2	2,1	2,3	3,5
Besides disk harrow, thsd.pcs	5,8	9,3	10,4	5,1	5,6	6,7
Seeders, planters and transplanters, thsd.pcs	4,2	5,3	3,8	3,2	3,3	5,5
Mowers, including cutter bars, designed to be carried on or hauled by a tractor, thsd.pcs	2,5	3,6	1,6	1,1	0,6	0,4
Sprayers and powder distributors designed to be mounted on or drawn by agricultural tractors (excluding watering appliances), pcs	800	1324	1298	1058	1366	1942
Self-loading or unloading trailers and semi-trailers for agriculture, pcs	1666	3799	4516	3912	2166	2230
Machines and mechanisms for feed preparation for animals, thsd.pcs	63,2	49,3	30,2	17,7	15,6	6,3
Machine tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials, n.e.c, thsd.pcs	1,1	1,0	1,0	0,9	0,5	0,5
Converters and casting machines, casting forms and buckets used in metallurgy and foundry production, thsd.pcs	0,4	0,2	0,2	3,3	c	c
Rollers for rolling mills, thsd.pcs	4,4	6,0	7,3	6,0	c	c
Elevators, conveyers and lifts of continuous, operation for underground working, pcs	53	35	94	60	26	c
Sorting, screening, separating, washing machines; crushing, grinding, mixing, kneading machines excluding concrete/mortar mixers, machines for mixing mineral substances with bitumen, pcs	1980	1276	1340	1802	1717	1345
Concrete mixers and mortar mixers, thsd.pcs	4,8	6,0	5,9	6,0	c	6,5
Machinery used in the milling industry or for the working of cereals or dried leguminous vegetables (excluding farm-type machinery), thsd.pcs	4,9	5,1	5,5	5,5	c	c
Bakery machinery (excluding ovens and dough rollers), thsd.pcs	1,5	1,7	1,4	1,4	c	c



INDUSTRY

Table 17.12 continued

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
Machines and equipment for producing confectionery, cacao or chocolate, pcs	163	295	334	308	517	786
Machines and equipment for sugar production, pcs	727	540	291	250	148	c
Machines and equipment for processing meat and poultry, thsd.pcs	11,1	11,8	10,1	10,9	8,0	c
Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables, thsd.pcs	1,3	2,4	3,1	2,6	2,9	2,9
Motor vehicles for the transport of ≥ 10 persons, thsd.pcs	1,0	0,9	1,0	1,1	1,0	0,9
Goods vehicles with a diesel or semi-diesel engine, of a gross vehicle weight > 5 tonnes but ≤ 20 tonnes (including vans) (excluding dumpers for off- highway use, tractors), pcs	965	c	327	156	c	c
Other trailers and semi-trailers n.e.c., thsd.pcs	35,4	26,2	25,7	18,9	18,0	14,7
Inflatable vessels for pleasure or sports, thsd.pcs	34,8	18,9	26,6	24,0	29,7	30,6
Railway or tramway goods vans and wagons, not self-propelled, thsd.pcs	1,4	6,9	11,5	10,8	3,3	2,4
Bicycles and other cycles (including delivery tricycles), non-motorised, thsd.pcs	112,0	94,8	141,7	127,5	c	c
Invalid carriages not mechanically propelled, thsd.pcs	18,6	8,6	11,7	8,9	6,4	c
<b>Production of furniture</b>						
Swivel seats with variable height adjustments (excluding medical, surgical, dental or veterinary, and barbers' chairs), thsd.pcs	544,4	448,7	491,4	540,6	c	c
Upholstered seats with metal frames (excluding swivel seats, medical, surgical, dental or veterinary seats, barbers' or similar chairs, for motor vehicles, for aircraft), mln.pcs	2,3	2,1	2,0	2,1	1,4	1,1
Non-upholstered seats with metal frames (excluding medical, surgical, dental or veterinary seats, barbers' or similar chairs, swivel seats), thsd.pcs	495,0	583,9	529,9	549,4	425,6	316,1
Upholstered seats with wooden frames (including three piece suites) (excluding swivel seats), thsd.pcs	564,6	409,9	440,1	523,3	541,7	626,6
Non-upholstered seats with wooden frames (excluding swivel seats), thsd.pcs	755,9	665,8	433,3	229,4	267,2	292,9
Metal furniture for offices, thsd.pcs	978,1	953,5	955,0	991,9	839,9	929,5
Wooden furniture of a kind used in offices, thsd.pcs	376,3	650,3	623,0	794,8	787,1	459,7
Wooden furniture for shops, thsd.pcs	133,0	275,1	222,8	271,3	275,6	274,2
Kitchen furniture, mln.pcs	0,9	1,3	1,2	1,6	1,8	1,7
Wooden bedroom furniture (excluding builders' fittings for cupboards to be built into walls, mattress supports, lamps and lighting fittings, floor standing mirrors, seats), thsd.pcs	706,2	750,3	673,8	686,6	767,3	904,9
Wooden furniture for the dining-room and living-room (excluding floor standing mirrors, seats), mln.pcs	0,8	1,5	1,7	2,0	2,2	2,9
<b>Supply of electricity, gas, steam and conditioned air</b>						
Electricity, bln. kW-h	163,7	156,0	159,8	154,1	147,8	150,0
of which produced by						
heat power plants	67,5	58,2	61,1	58,3	55,4	48,1
nuclear power plants	87,6	85,6	84,4	83,0	76,2	86,2
hydro power plants	7,0	10,5	12,0	7,9	7,6	10,3
wind power plants	1,1	1,0	1,2	2,0	3,3	2,8
solar power plants	0,5	0,7	1,1	2,9	5,4	2,6

<sup>1</sup>See the second footnote to Table 17.9

## INDUSTRY

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

	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Ukraine</b>	<b>277,5</b>	<b>228,8</b>	<b>247,1</b>	<b>247,8</b>	<b>236,6</b>	<b>236,4</b>	<b>240,0</b>
Autonomous Republic of Crimea	20,3	...	...	...	...	...	...
<b>oblasts</b>							
Vinnitsya	4,8	5,5	6,8	8,0	8,0	8,9	10,0
Volyn	14,7	10,6	8,2	8,9	11,0	11,4	7,5
Dnipropetrovsk	43,1	52,4	62,9	67,3	64,9	68,7	67,2
Donetsk	36,9	26,7	37,7	36,4	38,8	c	c
Zhytomyr	8,4	17,0	16,4	13,4	10,7	11,6	c
Zakarpattia	0,3	0,7	1,5	1,8	1,4	c	c
Zaporizhzhya	11,3	12,5	16,8	13,6	9,1	c	c
Ivano-Frankivsk	2,2	1,6	0,7	0,7	0,9	2,2	2,9
Kyiv	9,5	5,6	5,1	5,0	4,5	4,4	4,6
Kirovohrad	18,2	18,9	15,5	14,8	13,2	c	c
Luhansk	16,8	c	c	c	c	c	c
Lviv	5,1	6,3	6,5	4,5	4,9	5,4	5,1
Mykolayiv	2,3	1,3	0,9	0,7	0,7	0,6	0,4
Odesa	7,6	5,5	4,1	4,4	2,5	1,7	1,7
Poltava	32,4	36,3	36,2	35,4	32,4	c	c
Rivne	2,9	0,7	0,7	0,9	0,8	0,8	0,8
Sumy	1,2	1,2	1,0	0,8	0,7	0,6	c
Ternopil	1,1	0,6	0,8	0,9	1,2	0,7	c
Kharkiv	19,8	15,0	16,8	22,7	22,9	22,4	30,0
Kherson	c	c	c	c	c	c	c
Khmelnyskiy	5,9	4,0	3,7	3,8	4,0	c	c
Cherkasy	2,1	1,9	1,3	0,5	0,4	0,3	c
Chernivtsi	5,9	2,1	1,3	1,3	1,1	c	c
Chernihiv	1,6	1,3	1,2	0,9	1,0	0,9	0,8
<b>cities</b>							
Kyiv	1,4	1,1	0,6	0,8	0,9	0,9	c
Sevastopol	c	...	...	...	...	...	...

<sup>1</sup> See the second footnote to Table 17.9

## INDUSTRY

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

	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Ukraine</b>	<b>2990,4</b>	<b>3715,8</b>	<b>5354,8</b>	<b>5148,6</b>	<b>5836,2</b>	<b>6084,4</b>	<b>4584,9</b>
Autonomous Republic of Crimea	0,2	...	...	...	...	...	...
<b>oblasts</b>							
Vinnnytsya	108,8	351,7	475,6	457,2	444,3	c	c
Volyn	—	c	c	—	c	—	—
Dnipropetrovsk	210,0	288,1	274,0	268,5	379,4	375,6	c
Donetsk	387,7	154,0	188,3	119,7	164,7	c	c
Zhytomyr	0,0	0,1	1,0	1,2	c	c	c
Zaporizhzhya	427,6	590,9	586,4	577,0	628,8	689,7	544,1
Ivano-Frankivsk	c	c	—	c	—	—	—
Kyiv	125,8	115,1	103,2	109,2	110,1	c	c
Kirovohrad	353,7	446,6	825,9	746,6	872,5	886,4	676,4
Luhansk	64,4	91,5	99,1	99,4	108,3	c	c
Lviv	—	—	c	c	c	c	c
Mykolayiv	84,9	255,4	747,0	743,6	866,0	1023,2	751,6
Odesa	375,8	529,2	1014,5	965,6	1018,8	969,1	777,7
Poltava	187,9	226,4	268,0	275,5	306,0	c	c
Rivne	c	c	c	—	c	c	c
Sumy	3,3	9,3	14,7	11,1	36,3	c	c
Ternopil	0,2	4,0	7,5	2,5	3,9	c	c
Kharkiv	347,1	293,0	358,1	352,1	425,9	420,7	294,7
Kherson	181,2	201,5	201,7	187,2	200,5	c	c
Khmelnyskiy	0,1	0,1	3,6	3,4	c	c	c
Cherkasy	73,8	75,1	75,1	73,1	86,1	c	c
Chernivtsi	51,1	62,9	64,5	c	c	c	c
Chernihiv	6,6	20,1	13,6	14,2	33,5	c	c
<b>cities</b>							
Kyiv	—	—	—	c	c	c	—
Sevastopol	c	...	...	...	...	...	...

<sup>1</sup> See the second footnote to Table 17.9

## INDUSTRY

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

(thsd.t)

	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Ukraine</b>	<b>521,0</b>	<b>472,3</b>	<b>478,2</b>	<b>496,7</b>	<b>474,4</b>	<b>493,4</b>	<b>458,4</b>
Autonomous Republic of Crimea	10,6	...	...	...	...	...	...
<b>oblasts</b>							
Vinnysya	74,9	c	c	90,0	92,5	c	c
Volyn	c	c	c	c	c	c	c
Dnipropetrovsk	54,8	41,4	49,8	52,7	55,3	53,0	49,3
Donetsk	46,9	5,7	4,0	3,2	3,4	c	c
Zhytomyr	c	15,4	31,2	37,1	12,2	c	13,5
Zakarpattya	c	—	—	—	—	—	—
Zaporizhzhya	13,2	10,2	9,4	8,1	8,6	6,8	7,7
Ivano-Frankivsk	4,4	4,6	4,2	3,4	3,2	1,6	1,7
Kyiv	95,3	112,4	114,8	123,2	119,6	127,7	105,3
Kirovohrad	c	c	1,2	1,5	1,9	c	c
Luhansk	8,8	2,2	1,9	1,6	1,1	c	c
Lviv	19,7	13,2	16,8	21,7	31,0	c	c
Mykolayiv	9,2	10,9	8,8	7,8	7,2	c	c
Odesa	15,5	4,5	5,0	5,3	5,1	5,0	c
Poltava	36,3	45,4	38,4	38,6	37,4	35,2	c
Rivne	4,4	6,0	7,2	7,8	8,2	c	c
Sumy	16,5	c	c	c	c	c	c
Ternopil	13,5	28,6	26,3	26,1	25,5	c	c
Kharkiv	34,6	30,5	26,4	22,5	16,6	15,9	18,1
Kherson	8,4	c	c	c	—	—	c
Khmelnytskiy	5,5	10,2	12,6	11,6	9,1	9,8	10,8
Cherkasy	—	c	c	c	c	c	c
Chernivtsi	—	0,3	0,5	c	c	c	c
Chernihiv	7,6	7,5	8,2	9,9	9,7	c	1,8
<b>city</b>							
Kyiv	c	c	c	c	c	c	c

<sup>1</sup>See the second footnote to Table 17.9

## INDUSTRY

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

	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Ukraine</b>	<b>185,8</b>	<b>96,6</b>	<b>94,3</b>	<b>97,0</b>	<b>86,1</b>	<b>85,2</b>	<b>70,1</b>
Autonomous Republic of Crimea	0,9	...	...	...	...	...	...
<b>oblasts</b>							
Vinnitsya	8,1	10,1	9,4	10,6	9,3	8,6	c
Volyn	c	—	c	c	0,0	c	c
Dnipropetrovsk	0,7	1,1	1,3	1,0	0,5	c	c
Donetsk	0,9	0,8	0,7	0,7	0,7	c	c
Zhytomyr	3,9	5,7	5,1	5,3	6,0	c	c
Zakarpattia	c	c	c	c	c	c	—
Zaporizhzhya	6,5	0,4	0,2	0,3	0,2	0,2	0,2
Ivano-Frankivsk	4,2	0,1	0,1	0,1	0,1	c	c
Kyiv	1,2	2,2	2,8	3,6	3,2	3,4	c
Kirovohrad	1,3	0,1	0,7	0,3	0,5	c	c
Luhansk	1,5	c	c	c	c	c	c
Lviv	0,6	c	c	c	c	c	c
Mykolayiv	8,8	3,9	6,2	8,3	7,9	6,3	c
Odesa	2,0	0,6	1,2	1,1	1,0	1,0	0,7
Poltava	40,4	8,5	3,9	4,5	4,0	c	c
Rivne	14,7	16,0	17,2	16,7	16,7	c	c
Sumy	17,0	13,7	13,1	12,2	7,9	c	c
Ternopil	6,0	3,8	2,6	2,7	2,1	c	c
Kharkiv	5,6	0,9	0,4	1,7	0,5	0,1	0,2
Kherson	10,6	2,8	2,2	2,1	1,8	1,7	1,4
Khmelnyskiy	11,7	2,7	4,0	3,8	3,3	3,4	c
Cherkasy	20,9	14,9	15,4	14,6	14,9	15,8	15,2
Chernivtsi	c	c	c	c	c	c	—
Chernihiv	15,9	7,6	7,1	6,8	4,6	c	c
<b>city</b>							
Kyiv	c	c	c	c	c	c	c

<sup>1</sup>See the second footnote to Table 17.9

## INDUSTRY

**17.17. Output of curdled milk, cream, yogurt and other fermented products, by region***(thsd.t)*

	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Ukraine</b>	<b>368,4</b>	<b>297,2</b>	<b>272,2</b>	<b>274,5</b>	<b>279,9</b>	<b>306,5</b>	<b>299,9</b>
Autonomous Republic of Crimea	7,2	...	...	...	...	...	...
<b>oblasts</b>							
Vinnnytsya	0,4	c	8,5	13,5	19,7	c	c
Volyn	c	c	c	c	c	c	c
Dnipropetrovsk	44,5	31,9	25,8	26,1	27,6	c	c
Donetsk	43,1	2,7	1,8	1,4	1,4	c	c
Zhytomyr	8,0	4,4	4,1	4,2	4,2	c	c
Zakarpattya	0,3	c	—	—	—	—	—
Zaporizhzhya	13,1	5,7	4,2	2,7	3,4	3,1	2,4
Ivano-Frankivsk	3,0	2,8	2,7	2,4	1,9	c	1,6
Kyiv	57,0	79,5	74,1	73,3	70,5	94,5	90,5
Kirovohrad	c	c	2,0	c	c	c	c
Luhansk	6,1	0,5	0,4	0,4	0,4	0,4	0,4
Lviv	40,2	14,5	17,6	23,1	25,8	c	c
Mykolayiv	17,0	19,2	22,6	23,7	24,7	c	c
Odesa	3,6	3,4	3,7	3,4	3,9	2,9	c
Poltava	32,8	33,9	27,6	28,2	30,8	c	c
Rivne	2,7	3,6	4,9	5,3	5,4	c	c
Sumy	4,6	c	c	c	c	c	c
Ternopil	8,2	20,2	17,2	18,1	18,3	c	c
Kharkiv	24,7	28,7	25,1	23,5	17,9	15,8	18,5
Kherson	15,7	c	5,6	2,7	2,2	c	c
Khmelnyskiy	2,4	3,4	4,1	3,7	4,6	5,6	5,3
Cherkasy	c	c	c	c	c	c	c
Chernivtsi	—	0,3	0,2	c	c	c	c
Chernihiv	4,9	4,9	3,2	2,8	2,1	1,7	0,9
<b>city</b>							
Kyiv	22,2	c	c	c	c	c	c

<sup>1</sup>See the second footnote to Table 17.9

## INDUSTRY

**17.18. Output of wheat or meslin flour, by region***(thsd.t)*

	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Ukraine</b>	<b>2422,5</b>	<b>2056,4</b>	<b>1991,0</b>	<b>1746,0</b>	<b>1737,6</b>	<b>1549,3</b>	<b>1162,4</b>
Autonomous Republic of Crimea	142,1	...	...	...	...	...	...
<b>oblasts</b>							
Vinnycsya	165,7	194,2	252,3	236,9	250,5	192,2	c
Volyn	34,3	30,8	30,0	24,2	28,2	c	c
Dnipropetrovsk	156,3	157,7	176,1	161,6	166,2	166,8	74,5
Donetsk	252,8	38,1	c	10,3	8,7	15,7	21,5
Zhytomyr	12,7	14,9	25,9	22,0	32,9	c	c
Zakarpattya	26,7	c	13,8	c	c	c	c
Zaporizhzhya	78,5	84,1	85,7	66,9	66,3	70,3	57,8
Ivano-Frankivsk	50,2	43,0	33,1	25,9	20,0	c	c
Kyiv	124,7	145,9	165,2	174,8	149,4	105,7	56,0
Kirovohrad	33,6	54,2	29,8	37,7	54,2	c	c
Luhansk	148,2	54,1	32,7	30,3	33,4	c	c
Lviv	52,5	60,2	67,3	72,9	69,7	61,5	45,6
Mykolayiv	61,9	44,7	29,7	24,5	22,5	23,8	22,9
Odesa	106,5	106,8	107,6	76,3	75,4	48,8	36,2
Poltava	68,0	86,5	55,4	34,1	30,9	27,8	27,0
Rivne	48,5	36,5	38,5	38,2	33,3	c	c
Sumy	86,3	112,7	94,0	71,0	94,5	c	c
Ternopil	59,7	55,8	57,2	46,6	46,5	32,4	21,7
Kharkiv	173,9	304,6	279,2	235,0	227,9	245,1	189,4
Kherson	100,9	87,1	64,1	50,2	32,1	36,0	30,9
Khmelnyskiy	79,2	55,9	103,5	109,1	92,9	85,5	76,3
Cherkasy	144,3	130,6	112,0	67,2	70,4	43,4	c
Chernivtsi	32,2	15,6	13,5	12,4	10,5	c	c
Chernihiv	25,1	22,0	19,6	21,2	16,4	30,4	c
<b>cities</b>							
Kyiv	c	c	c	c	c	c	c
Sevastopol	c	...	...	...	...	...	...

<sup>1</sup>See the second footnote to Table 17.9

## INDUSTRY

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

	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Ukraine<sup>2</sup></b>	<b>1807,7</b>	<b>1232,0</b>	<b>1072,6</b>	<b>975,1</b>	<b>892,7</b>	<b>794,7</b>	<b>764,2</b>
Autonomous Republic of Crimea	61,4	...	...	...	...	...	...
<b>oblasts</b>							
Vinnitsya	66,3	44,0	37,4	34,6	30,1	27,0	23,1
Volyn	42,3	31,3	29,1	28,4	26,8	23,1	20,8
Dnipropetrovsk	186,7	167,9	138,1	125,8	116,3	106,3	82,8
Donetsk	161,6	49,9	44,3	36,1	35,2	31,7	29,9
Zhytomyr	57,2	40,5	34,9	31,3	28,4	26,3	23,5
Zakarpattia	13,6	12,1	9,3	8,5	7,6	5,9	6,6
Zaporizhzhya	74,8	64,3	61,8	50,0	45,9	45,5	43,0
Ivano-Frankivsk	33,8	27,7	26,1	24,9	22,3	20,4	20,4
Kyiv	68,5	113,7	102,5	93,8	93,0	85,5	85,9
Kirovohrad	26,7	14,2	11,3	10,9	9,9	9,9	8,3
Luhansk	74,4	11,7	9,6	7,9	7,3	5,9	5,3
Lviv	70,9	50,7	48,0	43,7	42,0	37,9	40,0
Mykolayiv	36,8	26,3	21,1	19,5	18,4	16,6	c
Odesa	93,9	80,8	71,6	68,4	52,2	38,0	39,3
Poltava	58,2	33,6	32,5	29,0	28,9	26,6	24,6
Rivne	36,3	28,0	27,9	28,4	28,5	28,2	27,9
Sumy	61,2	40,6	31,6	32,0	29,4	27,6	26,3
Ternopil	15,7	10,0	7,5	7,5	6,7	c	5,9
Kharkiv	131,3	92,6	79,2	73,9	66,7	64,6	59,6
Kherson	34,4	27,2	23,4	21,7	18,2	15,7	13,7
Khmelnyskiy	55,5	50,4	47,0	44,4	37,9	33,8	32,5
Cherkasy	64,9	35,6	24,8	21,9	19,3	18,7	c
Chernivtsi	29,4	23,2	18,6	18,1	17,2	c	c
Chernihiv	50,4	29,8	22,1	20,7	18,7	17,2	16,7
<b>cities</b>							
Kyiv	182,9	125,8	112,8	93,3	85,7	61,0	c
Sevastopol	18,2	...	...	...	...	...	...

<sup>1</sup> See the second footnote to Table 17.9<sup>2</sup> The difference between the total and the sum of additive components is explained by rounding of data



## INDUSTRY

**17.20. Output of refined white cane or beet sugar in solid form, by region***(thsd.t)*

	2010	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Ukraine</b>	<b>1805,0</b>	<b>1459,3</b>	<b>2042,7</b>	<b>1753,6</b>	<b>1490,0</b>	<b>1022,0</b>	<b>1416,2</b>
of which							
<b>oblasts</b>							
Vinnnytsya	296,0	314,9	428,0	399,8	378,6	254,4	376,8
Volyn	222,2	c	138,4	c	c	c	c
Zhytomyr	c	c	c	c	c	c	c
Ivano-Frankivsk	c	—	—	—	c	—	—
Kyiv	162,5	154,5	167,2	193,3	182,7	117,1	102,0
Kirovohrad	c	c	c	c	c	c	c
Lviv	c	c	c	c	c	c	c
Mykolayiv	c	c	c	—	—	—	—
Poltava	239,9	209,6	230,8	222,6	182,0	168,8	c
Rivne	c	—	—	—	—	—	—
Sumy	c	—	c	c	—	—	—
Ternopil	147,7	c	276,8	226,0	c	c	c
Kharkiv	62,1	78,5	118,6	77,1	c	c	c
Khmelnyskiy	164,3	167,5	270,9	215,5	192,8	109,3	c
Cherkasy	147,2	c	c	c	c	c	c
Chernivtsi	c	—	—	—	c	c	—
Chernihiv	c	c	c	c	c	c	c
<b>city</b>							
Kyiv	—	—	c	c	c	c	c

<sup>1</sup>See the second footnote to Table 17.9

## 18. AGRICULTURE, HUNTING, FORESTRY, FISHERY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

and goats, mares, other dams of livestock animals.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

AGRICULTURE, HUNTING, FORESTRY. FISHERY

AGRICULTURE

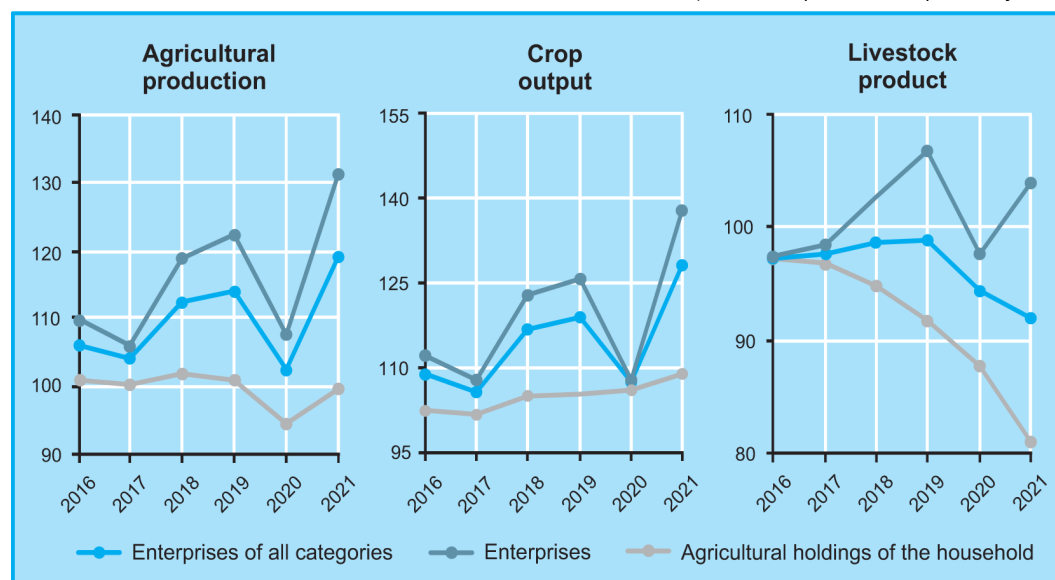
18.1. Index of agricultural products, by category of enterprises

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

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

18.2. Index of agricultural products

(at constant price in 2016; percent of 2015)



## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.3. Index of agricultural products, by region**
*(at constant price in 2016; percent of the previous year)*

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

AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.4. Structure of agricultural production, by type**

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

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

**18.5. Structure of agricultural production, by category of producers**

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

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.6. Structure of agricultural production, by type in 2021, by region**

(at constant price in 2016; percent)

	Enterprises of all categories			Enterprises			Agricultural holdings of the household		
	agricultural production	of which		agricultural production	of which		agricultural production	of which	
		crop output	livestock product		crop output	livestock product		crop output	livestock product
<b>Ukraine</b>	<b>100,0</b>	<b>81,4</b>	<b>18,6</b>	<b>100,0</b>	<b>85,3</b>	<b>14,7</b>	<b>100,0</b>	<b>73,2</b>	<b>26,8</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
<b>oblasts</b>									
Vinnycya	100,0	70,7	29,3	100,0	69,9	30,1	100,0	73,2	26,8
Volyn	100,0	70,8	29,2	100,0	71,4	28,6	100,0	69,9	30,1
Dnipropetrovsk	100,0	77,8	22,2	100,0	74,7	25,3	100,0	85,2	14,8
Donetsk	100,0	79,8	20,2	100,0	79,8	20,2	100,0	79,6	20,4
Zhytomyr	100,0	83,3	16,7	100,0	93,8	6,2	100,0	67,2	32,8
Zakarpattya	100,0	53,7	46,3	100,0	92,0	8,0	100,0	49,1	50,9
Zaporizhzhya	100,0	90,7	9,3	100,0	95,5	4,5	100,0	80,7	19,3
Ivano-Frankivsk	100,0	63,6	36,4	100,0	73,5	26,5	100,0	55,7	44,3
Kyiv	100,0	74,6	25,4	100,0	76,0	24,0	100,0	70,4	29,6
Kirovohrad	100,0	90,3	9,7	100,0	96,5	3,5	100,0	77,4	22,6
Luhansk	100,0	91,5	8,5	100,0	98,1	1,9	100,0	77,0	23,0
Lviv	100,0	71,8	28,2	100,0	76,0	24,0	100,0	67,1	32,9
Mykolayiv	100,0	91,5	8,5	100,0	98,0	2,0	100,0	79,1	20,9
Odesa	100,0	91,5	8,5	100,0	98,1	1,9	100,0	78,0	22,0
Poltava	100,0	85,0	15,0	100,0	87,2	12,8	100,0	79,8	20,2
Rivne	100,0	78,5	21,5	100,0	85,9	14,1	100,0	71,0	29,0
Sumy	100,0	87,8	12,2	100,0	93,6	6,4	100,0	65,8	34,2
Ternopil	100,0	82,1	17,9	100,0	88,9	11,1	100,0	66,8	33,2
Kharkiv	100,0	87,0	13,0	100,0	90,6	9,4	100,0	78,6	21,4
Kherson	100,0	90,3	9,7	100,0	94,5	5,5	100,0	84,3	15,7
Khmelnyskiy	100,0	83,9	16,1	100,0	90,9	9,1	100,0	64,0	36,0
Cherkasy	100,0	70,2	29,8	100,0	69,0	31,0	100,0	75,3	24,7
Chernivtsi	100,0	75,2	24,8	100,0	83,6	16,4	100,0	71,7	28,3
Chernihiv	100,0	89,8	10,2	100,0	93,4	6,6	100,0	70,7	29,3
<b>city</b>									
Sevastopol	...	...	...	...	...	...	...	...	...



## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.7. Structure of agricultural production, by category of producers in 2021, by region**

(at constant price in 2016; percent)

	Agricultural production			Crop output			Livestock product		
	enterprises of all categories	of which		enterprises of all categories	of which		enterprises of all categories	of which	
		enterprises	agricultural holdings of the household		enterprises	agricultural holdings of the household		enterprises	agricultural holdings of the household
<b>Ukraine</b>	<b>100,0</b>	<b>67,9</b>	<b>32,1</b>	<b>100,0</b>	<b>71,2</b>	<b>28,8</b>	<b>100,0</b>	<b>53,7</b>	<b>46,3</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...
<b>oblasts</b>									
Vinnnytsya	100,0	76,4	23,6	100,0	75,5	24,5	100,0	78,3	21,7
Volyn	100,0	56,5	43,5	100,0	57,0	43,0	100,0	55,2	44,8
Dnipropetrovsk	100,0	70,4	29,6	100,0	67,6	32,4	100,0	80,4	19,6
Donetsk	100,0	64,9	35,1	100,0	65,0	35,0	100,0	64,7	35,3
Zhytomyr	100,0	60,5	39,5	100,0	68,1	31,9	100,0	22,6	77,4
Zakarpattya	100,0	10,6	89,4	100,0	18,2	81,8	100,0	1,8	98,2
Zaporizhzhya	100,0	68,0	32,0	100,0	71,5	28,5	100,0	33,0	67,0
Ivano-Frankivsk	100,0	44,5	55,5	100,0	51,4	48,6	100,0	32,4	67,6
Kyiv	100,0	73,9	26,1	100,0	75,3	24,7	100,0	69,6	30,4
Kirovohrad	100,0	67,6	32,4	100,0	72,2	27,8	100,0	24,6	75,4
Luhansk	100,0	68,4	31,6	100,0	73,4	26,6	100,0	15,0	85,0
Lviv	100,0	52,9	47,1	100,0	56,0	44,0	100,0	45,0	55,0
Mykolayiv	100,0	65,7	34,3	100,0	70,3	29,7	100,0	15,6	84,4
Odesa	100,0	67,3	32,7	100,0	72,2	27,8	100,0	15,0	85,0
Poltava	100,0	71,5	28,5	100,0	73,2	26,8	100,0	61,4	38,6
Rivne	100,0	50,2	49,8	100,0	54,9	45,1	100,0	32,9	67,1
Sumy	100,0	79,4	20,6	100,0	84,6	15,4	100,0	42,0	58,0
Ternopil	100,0	69,2	30,8	100,0	74,9	25,1	100,0	42,8	57,2
Kharkiv	100,0	69,9	30,1	100,0	72,8	27,2	100,0	50,5	49,5
Kherson	100,0	59,2	40,8	100,0	62,0	38,0	100,0	33,6	66,4
Khmelnyskiy	100,0	74,1	25,9	100,0	80,2	19,8	100,0	42,0	58,0
Cherkasy	100,0	80,4	19,6	100,0	79,0	21,0	100,0	83,8	16,2
Chernivtsi	100,0	29,6	70,4	100,0	32,9	67,1	100,0	19,6	80,4
Chernihiv	100,0	83,9	16,1	100,0	87,3	12,7	100,0	54,0	46,0
<b>city</b>									
Sevastopol	...	...	...	...	...	...	...	...	...

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.8. Distribution of enterprises<sup>1</sup> engaged in agricultural activity in 2021,  
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	39301	100,0	20822,8	100,0
including with the area, ha				
under 5,00	1766	4,5	5,8	0,0
5,01–10,00	1827	4,7	14,3	0,1
10,01–20,00	3036	7,7	47,2	0,2
20,01–50,00	9460	24,1	353,4	1,7
50,01–100,00	5167	13,2	373,5	1,8
100,01–500,00	9371	23,8	2290,3	11,0
500,01–1000,00	3228	8,2	2314,1	11,1
1000,01–5000,00	4845	12,3	10150,4	48,8
over 5000,00	601	1,5	5273,8	25,3

<sup>1</sup> 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

**18.9. Structure of production cost of agriculture products (operations, services)  
by enterprises<sup>1</sup>**

(percent)

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

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.10. Profitability of production of basic types of agricultural products  
by enterprises<sup>1</sup>**

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

<sup>1</sup> See the footnote to Table 18.9

<sup>2</sup> Excluding the transfers on own production capacities

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.11. Average prices for selling agricultural products by agricultural enterprises**

(1 t; UAH)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Enterprises</b>									
Grain and leguminous crops	443,8	417,8	1120,9	2912,1	3771,6	4315,0	3867,5	4794,1	6296,1
including									
wheat	487,0	415,2	1085,8	2796,2	3814,7	4586,1	4077,1	5017,5	6433,6
rye	468,8	317,2	792,7	2222,4	3106,4	3205,5	4276,8	4594,3	4470,5
corn	386,4	343,1	1246,1	2989,9	3668,9	4011,5	3684,6	4668,6	6245,5
barley	374,2	488,5	955,1	2661,5	3634,2	4815,4	3932,5	4352,7	5862,6
oats	345,6	334,2	766,8	2065,4	3301,5	3906,1	4305,6	4649,6	4948,1
millet	349,9	295,4	1036,2	3315,8	3634,0	7700,2	6929,5	5974,6	6559,0
buckwheat	748,0	883,8	3910,0	9098,3	10490,8	5827,8	7158,7	14550,8	17909,2
rice	707,7	1017,9	2348,1	7426,3	7663,4	7909,4	7898,7	8663,6	9007,7
legumes	575,0	579,0	1596,4	5382,5	5719,2	5394,5	5337,4	6224,1	8264,6
Oil crops	525,7	981,5	2942,6	7531,5	9132,0	9318,3	8321,2	10852,9	16418,5
Factory sugar beets	121,5	177,0	478,5	788,6	825,3	749,0	753,7	871,5	1164,1
Potatoes	517,1	685,2	2131,0	2436,3	3296,3	3746,0	5474,7	5103,4	4993,4
Vegetable crops	572,1	1462,1	2551,6	3903,4	4136,1	4448,0	4497,0	4437,1	4679,6
Fruit and berry crops	394,9	987,8	2419,8	5894,5	8766,6	5054,0	6494,4	9140,2	8177,1
Grapes	724,5	1476,1	3638,2	6450,3	6219,5	5822,3	5451,4	6739,0	7211,9
Livestock animals (live weight)	2358,0	6909,9	10797,1	21966,2	31838,4	33331,2	32679,8	32490,6	37380,5
Milk	536,4	1126,9	2938,7	4347,3	7234,0	7602,4	8198,2	8839,9	10300,7
Eggs, for thsd.pcs	191,7	251,8	470,6	1333,2	1145,9	1600,3	1206,1	1258,6	1877,3
Wool	3182,5	4441,4	4165,3	14216,7	19833,9	23350,5	25027,3	12537,4	13528,7
<b>Agricultural holdings of the household</b>									
Grain and leguminous crops	...	454,0	1195,6	2805,4	3431,3	3986,1	3702,9	4411,5	5413,5
Oil crops	...	1079,5 <sup>1</sup>	3026,0	6708,3	8056,8	8168,3	6737,2	9590,5	14216,7
Factory sugar beets	...	170,4	354,6	631,6	747,9	700,0	—	—	—
Potatoes	...	1111,5	3601,6	3566,6	4532,4	3563,2	9276,8	6999,2	5985,1
Vegetable crops	...	1449,7	3061,4	7557,3	6913,0	8013,3	11677,0	12688,0	12555,9
Fruit and berry crops	...	1920,2	5043,7	9790,9	13256,4	9116,4	18123,0	17993,2	17390,8
Grapes	...	901,6	3842,1	7831,6	10403,0	6662,6	11758,0	7182,3	13724,6
Livestock animals (live weight)	...	7661,3	12939,4	25345,9	33591,1	37968,6	38429,4	40142,2	44581,3
Milk	...	1035,2	2563,4	3619,9	5550,2	5995,8	6638,2	6874,5	8510,3
Eggs, for thsd.pcs	...	389,7	809,0	1749,2	1999,0	2462,7	2423,1	2377,6	3132,3
Wool	...	3054,8	3507,3	8021,0	19631,9	17570,6	—	—	3996,8

<sup>1</sup> Sale of sunflower seeds

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

## CROP GROWING

## 18.12. Distribution of land areas and agricultural lands

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

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

## 18.13. Sown area for agricultural crops in 1940–2021

(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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.14. Sown area for agricultural crops**

(thsd. ha)

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

<sup>1</sup> Here and further (Table 18.16, 18.18, 18.19, 18.31, 18.32) from 2016, excluding triticale

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.15. Sown area for agricultural crops in 2021, by region**

(thsd.ha)

	Agricultural crops	Of which			
		grain and leguminous crops	industrial crops	potatoes, vegetable and cucurbits crops	fodder crops
<b>Ukraine</b>	<b>28581</b>	<b>15995</b>	<b>9244</b>	<b>1807</b>	<b>1535</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnnytsya	1634	891	501	127	115
Volyn	622	328	136	93	65
Dnipropetrovsk	1984	1153	698	96	37
Donetsk	1050	597	370	53	30
Zhytomyr	1165	554	326	116	169
Zakarpattya	177	84	16	42	35
Zaporizhzhya	1710	1015	625	32	38
Ivano-Frankivsk	383	155	93	71	64
Kyiv	1220	680	363	118	59
Kirovohrad	1711	900	713	59	39
Luhansk	872	392	445	17	18
Lviv	718	319	194	138	67
Mykolayiv	1607	949	570	42	46
Odesa	1855	1238	545	45	27
Poltava	1741	1017	551	84	89
Rivne	632	321	142	86	83
Sumy	1213	722	363	67	61
Ternopil	849	488	253	66	42
Kharkiv	1837	1062	611	90	74
Kherson	1488	815	525	85	63
Khmelnyskiy	1213	627	419	72	95
Cherkasy	1228	709	368	75	76
Chernivtsi	308	121	92	49	46
Chernihiv	1364	858	325	84	97
<b>city</b>					
Sevastopol	...	...	...	...	...

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.16. Harvested area**

(thsd.ha)

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

**18.17. Area planted with fruit and berry crops, and grapes**

(thsd.ha)

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



## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.18. Output of agricultural crops in 1913–2021**

(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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.19. Output of agricultural crops**

(thsd.t)

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

AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.20. Output of agricultural crops, by category of enterprises**

(thsd.t)

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

AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.21. Share of the agricultural crop production by household holdings**

(percentage of total volume)

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

**18.22. Per capita agricultural crop production**

(kg)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.23. Output of grain and leguminous crops, by region**

(thsd.t)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.24. Output of factory sugar beets, by region**

(thsd.t)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.25. Output of sunflower, by region**

(thsd.t)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.26. Output of potatoes, by region**

(thsd.t)

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



## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.27. Output of vegetable crops, by region**

(thsd.t)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.28. Output of fruit and berry crops, by region**

(thsd.t)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.29. Output of grapes, by region**

(thsd.t)

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

AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.30. Yields of agricultural crops in 1940–2021**

(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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.31. Yields of agricultural crops**

(1 ha; centner)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.32. Yields of grain and leguminous crops in 2021, by region**

(1 ha; centner)

	Grain and leguminous crops	Including					
		wheat	rye	barley	oats	corn	millet
<b>Ukraine</b>	<b>53,9</b>	<b>45,3</b>	<b>34,5</b>	<b>38,2</b>	<b>26,2</b>	<b>76,8</b>	<b>23,5</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...
<b>oblasts</b>							
Vinnitsya	73,4	55,7	48,3	46,1	31,4	93,7	31,1
Volyn	46,1	43,4	29,9	33,9	23,1	86,1	17,2
Dnipropetrovsk	43,0	44,0	32,1	32,5	31,8	51,9	21,5
Donetsk	37,4	40,7	26,3	30,1	30,9	42,5	28,7
Zhytomyr	60,8	46,5	33,3	39,8	36,4	82,5	15,2
Zakarpattia	43,6	33,6	c	29,3	31,6	50,4	c
Zaporizhzhya	37,9	38,4	41,9	35,2	29,5	75,4	21,4
Ivano-Frankivsk	65,2	49,7	27,6	43,5	17,3	90,2	c
Kyiv	67,6	50,6	36,3	40,5	31,4	86,7	23,4
Kirovohrad	55,4	48,7	44,6	40,4	29,9	70,3	24,9
Luhansk	35,5	38,4	26,0	27,7	26,3	28,8	17,3
Lviv	58,0	49,3	33,8	47,7	26,9	90,6	c
Mykolayiv	41,3	42,3	33,2	37,7	29,9	52,3	24,6
Odesa	41,2	39,0	38,6	40,5	25,8	61,0	21,9
Poltava	59,2	48,3	37,8	36,4	30,2	67,9	25,6
Rivne	54,1	47,0	27,3	38,2	26,1	81,2	15,8
Sumy	59,0	47,5	38,4	39,1	25,9	67,7	22,8
Ternopil	67,8	55,4	c	44,8	28,9	98,7	25,6
Kharkiv	46,5	48,0	36,1	36,9	36,0	51,4	27,6
Kherson	43,4	41,2	23,5	38,8	25,0	90,3	25,5
Khmelnytskyi	77,2	60,1	47,0	44,7	32,4	102,8	32,9
Cherkasy	72,7	53,9	31,6	41,7	28,1	89,5	30,1
Chernivtsi	60,5	50,1	56,2	36,6	20,0	74,7	c
Chernihiv	71,1	49,7	39,6	39,4	23,8	85,5	18,6
<b>city</b>							
Sevastopol	...	...	...	...	...	...	...

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.33. Yields of agricultural crops in 2021, by region**

(1 ha; centner)

	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops	Fruit and berry crops
<b>Ukraine</b>	<b>479</b>	<b>24,6</b>	<b>166</b>	<b>215</b>	<b>117,3</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnnytsya	465	32,0	157	220	127,8
Volyn	469	25,4	149	219	104,1
Dnipropetrovsk	511	23,3	131	214	109,9
Donetsk	290	21,8	131	178	146,0
Zhytomyr	437	24,0	191	217	117,6
Zakarpattya	—	18,7	165	214	86,5
Zaporizhzhya	—	20,0	126	219	89,4
Ivano-Frankivsk	534	28,5	171	177	78,3
Kyiv	440	28,5	185	212	109,2
Kirovohrad	433	26,3	135	153	56,3
Luhansk	—	18,3	198	269	139,8
Lviv	597	25,2	176	196	95,4
Mykolayiv	—	22,4	154	342	69,0
Odesa	—	23,2	123	158	131,2
Poltava	403	25,7	200	232	217,6
Rivne	510	26,2	177	214	137,8
Sumy	c	29,4	147	181	53,2
Ternopil	535	33,4	192	243	165,3
Kharkiv	441	24,4	120	180	89,2
Kherson	—	19,3	191	302	49,6
Khmelnyskiy	542	31,4	191	214	172,3
Cherkasy	507	31,5	178	177	72,4
Chernivtsi	c	28,4	182	197	172,2
Chernihiv	413	29,1	165	170	61,7
<b>city</b>					
Sevastopol	...	...	...	...	...

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.34. Use of fertilisers in enterprises<sup>1</sup>**

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

<sup>1</sup> By the range of enterprises defined by statistical methodology

**18.35. Utilization of pesticides at enterprises<sup>1</sup>**

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

<sup>1</sup> See the footnote to Table 18.34



## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**CATTLE RAISING**
**18.36. Number of livestock animals in 1915–2021**
*(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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.37. Number of livestock animals, by category of enterprises**

(end of year; thsd. heads)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.38. Number of livestock animals in 2021, by region**

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry, mln. heads
	total	of which cows			
<b>Ukraine</b>	<b>2644</b>	<b>1544</b>	<b>5609</b>	<b>1094</b>	<b>202,2</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnnytsya	186	105	203	27	38,1
Volyn	102	70	237	19	7,9
Dnipropetrovsk	88	50	297	45	20,7
Donetsk	46	24	407	35	4,1
Zhytomyr	154	92	118	21	7,1
Zakarpattya	118	78	221	139	3,5
Zaporizhzhya	54	29	127	55	2,6
Ivano-Frankivsk	110	67	287	28	4,0
Kyiv	104	51	639	37	22,4
Kirovohrad	70	43	196	28	4,5
Luhansk	33	17	41	20	0,8
Lviv	127	76	435	30	11,7
Mykolayiv	67	43	68	41	2,0
Odesa	137	84	126	263	1,9
Poltava	187	102	319	44	5,2
Rivne	83	60	221	18	7,3
Sumy	105	57	88	30	4,6
Ternopil	129	86	387	17	5,2
Kharkiv	134	65	157	47	6,3
Kherson	57	37	53	21	4,0
Khmelnyskiy	218	123	357	40	6,2
Cherkasy	130	62	328	25	25,4
Chernivtsi	70	46	108	42	3,3
Chernihiv	135	77	189	22	3,4
<b>city</b>					
Sevastopol	...	...	...	...	...

AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.39. Output of animal products in 1940–2021**

	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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.40. Output of animal products, by category of enterprises**

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

**18.41. Share of animal products production by household holdings**
*(percentage of total volume)*

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

**18.42. Per capita animal products production**
*(kg)*

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.43. Output of meat, by region**
*(slaughter weight; thsd.t)*

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.44. Output of milk, by region**

(thsd.t)

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.45. Output of eggs, by region**

(mln.pcs)

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



## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.46. Productivity of livestock animals**

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

**18.47. Average weight of one livestock animal sold to processing enterprises**

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

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.48. Average annual yield of milk per cow, by region**

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

AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.49. Animal products supplied for processing enterprises**

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Livestock animals (live weight)</b>									
<b>Supply, total<sup>1</sup></b>	<b>451,9</b>	<b>489,0</b>	<b>1442,9</b>	<b>1689,9</b>	<b>1717,6</b>	<b>1752,3</b>	<b>1891,5</b>	<b>1778,2</b>	<b>1826,9</b>
including purchased from									
enterprises	213,4	288,7	406,6	376,5	316,6	302,7	300,0	272,7	253,4
agricultural holdings of households	238,5	200,3	106,1	18,7	25,2	24,8	21,3	10,0	11,8
<b>out of the total by type of agricultural animals</b>									
cattle	341,9	334,9	224,7	123,8	129,2	124,4	120,6	83,6	88,7
pigs	74,5	107,7	230,4	325,3	329,4	308,5	317,3	303,1	318,0
poultry	16,7	38,3	947,8	1203,3	1257,4	1317,8	1451,7	1389,4	1418,4
<b>Milk</b>									
<b>Supply, total<sup>1</sup></b>	<b>3334,8</b>	<b>5689,0</b>	<b>4793,2</b>	<b>4251,2</b>	<b>4348,3</b>	<b>4179,2</b>	<b>3800,0</b>	<b>3511,8</b>	<b>3197,8</b>
including purchased from									
enterprises	1819,6	1874,7	2193,0	2743,7	2688,5	2719,9	2610,4	2556,0	2477,9
agricultural holdings of households	1515,2	3814,3	2544,2	1346,1	1239,3	1088,6	851,1	733,1	554,0

<sup>1</sup> From 2010, including goods for processing and own production of processing enterprises

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

## HUNTING

## 18.50. Number of hunting animals, by type

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ungulates, heads</b>	<b>177788</b>	<b>195005</b>	<b>238975</b>	<b>231294</b>	<b>220973</b>	<b>217109</b>	<b>217409</b>	<b>222920</b>	...
Elk	4771	4510	5524	6439	6409	6222	6285	6214	...
Deer	15986	17606	19996	15985	17116	16805	17224	18019	...
Wild boars	36181	43119	61715	56856	37395	30262	27498	28449	...
Roe deer	118974	126267	147728	149729	157536	161146	164051	167744	...
European bisons	426	303	268	245	239	245	271	298	...
Fallow deer	1021	2692	3232	1339	1511	1620	1260	1290	...
Mouflons	370	419	420	701	765	809	820	906	...
Koulans	59	89	92	—	2	—	—	—	...
<b>Fur animals, thsd. heads</b>	<b>2416,4</b>	<b>2348,4</b>	<b>2249,6</b>	<b>1705,5</b>	<b>1728,1</b>	<b>1716,6</b>	<b>1732,1</b>	<b>1703,1</b>	...
Squirrels	59,5	62,1	66,8	62,8	64,8	64,8	64,5	67,6	...
Hares	1874,1	1789,8	1645,9	1224,0	1248,5	1248,5	1258,7	1227,4	...
Martens	53,1	59,5	63,2	57,7	57,2	55,5	54,1	54,4	...
Foxes	116,3	87,8	79,7	57,1	56,0	50,2	48,6	48,5	...
Musk-rats	146,4	172,0	187,0	121,3	111,7	107,7	110,7	108,7	...
Minks	3,4	3,6	5,8	7,5	8,6	13,0	12,5	12,2	...
Beavers	15,0	23,4	43,1	47,7	51,3	48,6	48,8	49,0	...
Wolves	2,8	2,6	2,7	2,1	2,3	2,2	2,1	2,0	...
Brown bears	0,3	0,3	0,4	0,3	0,3	0,3	0,3	0,3	...
Wild rabbits	0,2	0,3	0,2	0,1	0,2	0,1	0,3	0,0	...
Steppe marmots	76,7	69,8	67,4	48,1	50,0	49,0	54,6	55,0	...
Raccoon dogs	9,9	10,6	11,2	10,9	10,9	10,4	11,0	11,2	...
Badgers	24,7	24,7	26,5	25,8	27,9	27,7	28,4	29,4	...
Otters	8,7	11,7	13,4	13,9	13,7	13,8	14,0	14,4	...
Black polecats	20,0	21,8	25,7	19,0	17,5	17,2	16,4	16,1	...
Forest cats	0,6	1,0	1,2	1,2	1,3	1,4	1,4	1,4	...
Lynces	0,3	0,4	0,4	0,4	0,4	0,4	0,4	0,4	...
Ermines	4,4	7,0	9,0	5,6	5,3	5,4	5,0	4,9	...
Jackals	...	...	...	0,0	0,2	0,4	0,3	0,2	...
<b>Furred game, thsd. heads</b>	<b>9417,5</b>	<b>9280,9</b>	<b>10672,9</b>	<b>9756,2</b>	<b>9982,0</b>	<b>10388,2</b>	<b>10522,4</b>	<b>10474,1</b>	...
including									
Partridges	1013,7	890,1	992,5	677,5	707,4	715,9	734,3	727,9	...
Wood grouses	3,8	3,8	3,8	3,4	3,0	3,0	3,0	3,1	...
Black grouses	13,3	12,7	11,0	13,7	11,9	12,5	11,7	11,2	...
Geese	162,2	103,7	117,5	92,2	111,9	97,4	98,0	88,0	...
Ducks	3125,3	2892,8	2866,2	2524,3	2560,6	2677,7	2675,5	2608,0	...
Pheasants	271,2	281,6	336,4	305,4	344,5	367,1	394,8	421,7	...
Quails	799,3	927,9	1399,2	1239,1	1290,2	1388,5	1395,8	1395,4	...
Hazel-grouses	16,4	21,6	23,9	20,9	19,7	18,7	18,6	19,1	...
Swans	55,1	21,9	19,1	27,1	29,1	30,2	32,9	33,8	...
Bittern	1527,4	1667,1	1892,7	1573,7	1588,2	1599,9	1582,6	1531,8	...
Sandpipers	1018,0	938,4	1130,1	870,1	822,1	879,5	909,0	877,5	...
Pigeons	1411,8	1519,3	1880,5	1934,5	2055,6	2145,7	2227,7	2317,4	...

AGRICULTURE, HUNTING, FORESTRY. FISHERY

FORESTRY

**18.51. Forest and forested area**

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

Area, thsd.ha	10686,8
of which forested area	8925,8

**18.52. Forest products harvesting by type**

(thsd.cub.m)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Types of round wood, total</b>	<b>11261,7</b>	<b>15244,3</b>	<b>16145,6</b>	<b>19267,7</b>	<b>18913,9</b>	<b>19695,7</b>	<b>17886,6</b>	<b>16773,0</b>	<b>16666,9</b>
Industrial round wood, total	5239,2	6617,0	7536,0	8302,6	7296,6	8976,0	9303,4	8996,3	8214,8
coniferous species	...	...	...	6647,4	5844,6	6713,2	7314,8	7343,8	6552,4
broadleaf species	...	...	...	1655,2	1452,0	2262,8	1988,6	1652,5	1662,4
Low-grade wood	6022,5	8627,3	8609,6	10965,1	11617,3	10719,7	8583,2	7776,7	8452,1

**18.53. Realization of forest products, 2021**

(source: the State Forest Agency of Ukraine)

	Number, thsd.cub.m	Value, mln. UAH	Average selling price, UAH for cub.m
<b>Types of round wood, total</b>	<b>15360,1</b>	<b>20476,0</b>	<b>1333,1</b>
Industrial round wood, total	6502,0	15292,1	2351,9
coniferous species	4924,7	9042,4	1836,1
broadleaf species	1577,3	6249,7	3962,2
Low-grade wood	8858,1	5183,9	585,2

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.54. Timber harvesting**

	Felling area, thsd.ha						Volume of the marketable timber produced, thsd.cub.m					
	2005	2010	2015	2019	2020 <sup>1</sup>	2021 <sup>1</sup>	2005	2010	2015	2019	2020 <sup>1</sup>	2021 <sup>1</sup>
<b>Total</b>	<b>464,7</b>	<b>402,2</b>	<b>399,3</b>	<b>436,8</b>	<b>382,0</b>	...	<b>15244,3</b>	<b>16145,6</b>	<b>19267,7</b>	<b>20869,6</b>	<b>16773,0</b>	<b>16666,9</b>
including												
main use												
felling	27,1	29,1	34,6	29,6	30,1	...	6455,9	7239,0	8391,8	7914,6	6598,6	6646,4
forest harvesting and reproduction												
felling	434,7	371,3	363,1	402,9	348,6	...	8460,5	8843,4	10767,8	12721,5	10046,3	9722,9
examina- tion felling	125,6	94,7	94,4	91,9	46,5	...	1574,0	1255,0	1101,9	1848,0	1102,3	1688,8
sanitation felling	218,5	224,3	226,9	289,3	286,4	...	5063,7	6553,6	8994,6	9907,9	8253,5	7332,4
other felling	2,9	1,8	1,6	4,3	3,3	...	327,9	63,2	108,1	233,5	128,1	297,6

<sup>1</sup> Source: the State Forest Agency of Ukraine

**18.55. Wood felling and procurement by species composition of forest range**

	Felling areas, thsd.ha				Procured wood, thsd.cub.m			
	2018	2019	2020 <sup>1</sup>	2021 <sup>1</sup>	2018	2019	2020 <sup>1</sup>	2021 <sup>1</sup>
<b>Total</b>	<b>445,5</b>	<b>436,8</b>	<b>382,3</b>	...	<b>22529,7</b>	<b>20869,6</b>	<b>17826,2</b>	<b>17649,4</b>
Conifers	284,5	277,9	246,9	...	15197,7	13702,8	11575,9	10825,4
Hard-wooded broad leaved	138,4	138,1	122,0	...	5602,5	5602,8	4547,0	4813,6
Soft-wooded broadleaved	22,4	20,4	13,4	...	1716,9	1543,7	1672,5	1971,8
Other woody species	0,2	0,4	0,0	...	9,3	18,6	30,8	38,6

<sup>1</sup> See the footnote to Table 18.54

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.56. Timber harvesting, by region**

	Felling area, thsd.ha					Volume of the marketable timber produced, thsd.cub.m				
	2015	2018	2019	2020 <sup>1</sup>	2021 <sup>1</sup>	2015	2018	2019	2020 <sup>1</sup>	2021 <sup>1</sup>
<b>Ukraine</b>	<b>399,3</b>	<b>445,5</b>	<b>436,8</b>	<b>382,0</b>	...	<b>19267,7</b>	<b>19695,7</b>	<b>17886,6</b>	<b>16773,0</b>	<b>16666,9</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...	...	...
<b>oblasts</b>										
Vinnitsya	16,5	17,6	18,4	13,7	...	686,6	646,2	671,0	584,2	579,5
Volyn	22,2	31,3	33,4	23,9	...	1127,6	1496,6	1291,6	1202,9	1040,1
Dnipropetrovsk	3,2	2,9	2,7	2,8	...	83,6	84,7	77,3	67,2	69,5
Donetsk	3,1	3,8	4,5	3,8	...	88,6	67,4	66,6	52,7	53,4
Zhytomyr	58,4	68,1	68,0	63,8	...	3127,3	3488,5	3209,0	2876,0	2710,5
Zakarpattia	25,3	24,4	22,7	20,7	...	1451,2	1239,1	1090,3	840,3	822,2
Zaporizhzhya	2,5	1,3	1,4	1,4	...	30,8	20,1	19,2	17,9	16,4
Ivano-Frankivsk	28,0	28,3	21,8	18,6	...	1223,6	1153,8	988,1	831,4	815,3
Kyiv	23,2	29,9	35,6	36,9	...	1565,8	1785,7	1647,4	1728,5	1611,1
Kirovohrad	4,0	4,7	4,7	4,2	...	217,5	194,3	191,7	180,0	193,0
Luhansk	8,5	10,0	8,2	9,2	...	169,0	231,2	154,9	176,2	315,2
Lviv	24,5	27,8	23,3	19,9	...	1284,4	1210,6	1027,8	1015,9	1129,3
Mykolayiv	2,5	1,8	2,1	1,8	...	37,2	24,9	26,7	22,4	22,3
Odesa	5,9	4,3	4,1	2,2	...	106,2	81,8	75,0	34,1	54,4
Poltava	9,0	8,0	8,6	7,7	...	491,3	369,8	341,3	373,4	375,7
Rivne	34,9	42,0	42,8	39,4	...	1528,9	1794,1	1736,5	1470,7	1431,0
Sumy	21,2	24,1	23,0	19,9	...	982,6	1045,3	1001,1	1002,1	994,9
Ternopil	9,7	7,5	7,6	5,7	...	279,9	256,1	269,0	244,9	257,9
Kharkiv	13,9	18,4	18,9	15,6	...	476,7	461,7	534,6	459,6	507,6
Kherson	3,1	1,3	1,2	2,0	...	76,6	54,1	45,2	49,1	54,9
Khmelnyskiy	14,1	17,1	15,5	14,4	...	698,6	836,6	741,4	649,3	710,2
Cherkasy	16,3	20,2	17,7	19,9	...	699,0	762,9	526,5	785,7	782,0
Chernivtsi	13,9	12,6	11,2	8,4	...	828,5	623,7	569,7	540,4	552,0
Chernihiv	25,3	29,2	30,5	26,1	...	1575,0	1547,7	1474,1	1568,1	1568,5
<b>cities</b>										
Kyiv	10,1	8,9	8,9	—	...	431,2	218,8	110,6	—	—
Sevastopol	...	...	...	...	...	...	...	...	...	...

<sup>1</sup> See the footnote to Table 18.54

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.57. Number of cut non-woof forest products**

(t)

	Mushrooms	Berries	Tree sap	Hay	Nuts	Rushes	Christmas tree, thsd.pcs
1995	...	...	...	...	...	...	...
2000	54	...	1129	5373	249	...	58639,7
2005	76	4950	2155	4110	16	—	613,6
2010	474	5731	2909	2388	23	4212	646,9
2015	68	3325	2390	1142	35	4372	420,6
2016	215	5379	2122	1133	4	3425	414,7
2017	665	2491	1276	1247	6	2801	431,6
2018	262	3799	1228	733	9	2073	466,3
2019	438	2057	980	1050	45	1663	522,5
2020	54	1672	357	813	c	—	454,5
2021	...	...	...	...	...	...	...

**18.58. Forest reproduction**

(thsd.ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Area where the work on forest cultivation was made</b>	<b>37,8</b>	<b>58,6</b>	<b>70,1</b>	<b>60,4</b>	<b>64,7</b>	<b>51,5</b>	<b>48,8</b>	<b>44,8</b>	...
including by form of reproduction									
reforestation	37,8	58,6	42,3	57,9	62,5	49,3	46,6	42,5	...
including									
planting and sowing	29,8	45,8	...	37,9	40,6	32,4	29,9	28,0	...
natural reproduction	8,0	12,8	...	20,0	21,9	16,9	16,7	14,5	...
forest cultivation	...	...	27,8	2,5	2,2	2,2	2,2	2,3	...
including									
planting and sowing	...	...	...	2,5	2,1	2,2	2,2	2,3	...
natural reproduction	...	...	...	0,0	0,1	0,0	0,0	0,0	...

**18.59. Afforestation by plant species composition**

(ha)

	2015	2017	2018	2019	2020	2021
<b>Area where the work on forest cultivation was made</b>	<b>2521</b>	<b>2198</b>	<b>2257</b>	<b>2197</b>	<b>2309</b>	...
pine	1262	1162	896	771	627	...
spruce	6	4	5	7	14	...
other conifers	10	1	3	21	9	...
oak	301	413	669	661	756	...
beech	6	6	—	—	3	...
other hard-wooded broad leaved	844	511	547	660	787	...
birch	18	30	72	22	25	...
aspen	2	—	—	—	3	...
alder	27	25	20	25	57	...
other soft-wooded broadleaved	38	4	12	8	5	...
other woody species	7	40	33	22	20	...
shrubs	—	2	—	—	3	...



## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.60. Areas of forest renewal by forest planting and sowing, by region**

(ha)

	2000 <sup>1</sup>	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>29802</b>	<b>45855</b>	<b>56076</b>	<b>40417</b>	<b>42651</b>	<b>34656</b>	<b>32139</b>	<b>30225</b>	...
Autonomous Republic of Crimea	89	30	1411	...	...	...	...	...	...
<b>oblasts</b>									
Vinnitsya	1008	1276	2791	1963	1897	1559	1403	1335	...
Volyn	1776	3093	2400	2108	2644	2408	2771	3145	...
Dnipropetrovsk	522	406	1907	246	91	92	252	309	...
Donetsk	403	583	1987	241	244	212	210	163	...
Zhytomyr	3605	5308	4282	6416	7986	5825	5694	5482	...
Zakarpattia	1687	1955	1122	1361	1140	891	822	769	...
Zaporizhzhya	438	624	2004	363	6	616	471	444	...
Ivano-Frankivsk	1577	1699	1080	1772	1732	1468	1060	897	...
Kyiv	2121	3437	2307	3753	3979	3562	3060	2516	...
Kirovohrad	389	844	2268	729	749	423	440	346	...
Luhansk	1756	4160	5849	437	959	814	982	776	...
Lviv	2572	4138	2422	2413	2598	1870	1458	1206	...
Mykolayiv	292	666	2498	148	17	12	177	223	...
Odesa	352	389	3218	265	354	119	37	59	...
Poltava	552	1701	2035	1810	1593	1227	1062	931	...
Rivne	1868	2997	3505	4249	5216	4508	3748	3800	...
Sumy	1383	1921	2214	1935	1794	1464	1487	1384	...
Ternopil	760	959	839	716	645	682	630	605	...
Kharkiv	1587	1775	1068	844	1075	542	512	459	...
Kherson	105	578	1581	690	110	123	67	134	...
Khmelnyskiy	1120	1884	2053	1432	1473	1314	1344	1202	...
Cherkasy	1020	949	1393	1313	1555	1281	1206	1081	...
Chernivtsi	834	1391	1103	990	698	411	403	383	...
Chernihiv	1903	2894	2656	3977	3849	3002	2695	2463	...
<b>cities</b>									
Kyiv	82	174	51	246	247	240	148	113	...
Sevastopol	1	24	32	...	...	...	...	...	...

<sup>1</sup> In addition, in forests of Ukrzaliznytsya, Ukrainian Railway Corporation (Ministry of Infrastructure of Ukraine), forest planting and sowing amounted to 11 ha in 2000

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.61. Forest cultivation work and forest protection measures**

(thsd.ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Area for shifting crops into the wooded lands	26,9	26,5	40,0	45,5	42,1	41,0	41,1	40,0	...
Area for shifting the natural renewal into the wooded lands	5,2	7,8	14,8	15,3	14,8	16,4	18,2	17,9	...
Planted area where the forest protection measures were implemented, total	174,3	234,8	81,9	46,0	46,1	104,5	96,6	94,7	...
forest protection from pests and diseases by biological method	159,1	188,6	68,4	31,6	31,4	96,9	94,4	85,6	...
forest protection from pests and diseases by chemical method	15,2	46,2	13,5	14,4	14,7	7,6	2,2	9,1	...
Area where the new outbreaks of forest pest and diseases were located, total	135,7	151,1	113,0	120,1	234,7	240,3	234,3	202,8	...
pests	98,9	100,5	46,7	60,2	147,4	133,2	138,2	110,3	...
diseases	36,8	50,6	66,3	59,9	87,3	107,1	96,1	92,5	...
Areas where the pests and forest diseases centers were liquidated due to the conducted actions and under the influence of natural factors, total	71,8	223,9	101,0	123,1	154,2	242,9	183,6	222,9	...
pests	41,9	191,3	48,6	68,6	89,3	164,4	115,8	121,1	...
diseases	29,9	32,6	52,4	54,5	64,9	78,5	67,8	101,8	...

**18.62. Area of forest ranges dying**

(ha)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Area of forest ranges dying</b>	<b>8908</b>	<b>12085</b>	<b>20864</b>	<b>27768</b>	<b>20111</b>	<b>15069</b>	<b>12398</b>	<b>39756</b>	...
including									
Pests	388	860	1295	1183	5439	8762	6223	5492	...
Diseases	1278	3294	5632	7258	2334	2464	2808	2079	...
adverse weather conditions	6421	6064	10113	8350	3065	2605	2817	3919	...
forest fires	696	1437	3127	8564	8763	1085	395	28056	...
Other	125	430	697	2413	510	153 <sup>1</sup>	155 <sup>1</sup>	210 <sup>1</sup>	...

<sup>1</sup> In 2018, 2019, 2020 and 2021, the indicator of forest plantations loss due to other causes includes: 59 ha, 112 ha and 70 ha due to damage by wild animals, 81 ha, 41 ha and 140 ha due to anthropogenic factors, 13 ha and 2 ha due to excessive humidity

**18.63. Forest fires<sup>1</sup>**

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Incidents	3696	4223	3240	3813	3131	1301	1263	2608	660
Forest areas suffered from fires, thsd.ha	1,6	2,3	3,7	14,7	5,9	1,5	1,1	75,0	0,3
Losses due to forest fires, mln. UAH	1,4	3,5	26,7	20,2	45,9	29,5	6,8	19,1	2,1

<sup>1</sup> Since 2018, the State Emergency Service of Ukraine

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

## FISHERY

 18.64. Harvesting of water bio-resources, by type<sup>1</sup>

(t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Water bio-resources</b>	<b>350087</b>	<b>265585</b>	<b>218681</b>	<b>88552</b>	<b>92645</b>	<b>86223</b>	<b>92682</b>	<b>76508</b>	<b>69873</b>
<b>Fish</b>	<b>346699</b>	<b>234185</b>	<b>215017</b>	<b>73963</b>	<b>81875</b>	<b>64738</b>	<b>58096</b>	<b>48229</b>	<b>41816</b>
including									
European anchovy (Azov anchovy)	...	...	...	1244	1952	685	760	1081	294
Grass carp	...	...	...	485	471	518	511	594	596
Silverside	...	...	...	305	166	620	410	241	368
Bullhead	752	9607	8888	15651	22989	11770	10136	4988	2368
Pondweed bug	...	...	...	244	221	267	245	209	102
Redeye	...	...	...	147	244	202	188	140	156
Crucian carp	...	...	...	5305	9367	8133	8848	8443	8741
Flounder	...	216	215	86	109	131	131	157	288
Sprat (Black and Caspian Sea)	...	...	...	1653	1443	4390	5033	4110	4021
Carp	8519	10531	9858	9807	9017	9184	7570	6960	6378
Bream	2209	1979	2713	2948	3264	3259	3035	2742	2854
Perch	...	...	...	270	432	462	526	487	421
Herring	73	270	485	155	98	153	375	240	430
Sturgeon	...	6	21	36	57	71	37	23	33
Mugil soiuy, mullet	5459	6035	3837	379	770	931	943	582	332
Silver breams	...	...	...	881	1317	1219	1201	1390	1163
Bruise	...	...	...	137	248	248	210	254	263
Fresh-water catfish	...	46	207	289	327	340	418	384	383
Pike-perch	1183	423	367	733	1091	1043	1034	911	924
Roach (dace)	2421	1077	688	2412	2712	2550	2490	2609	2596
Silver carp	15239	14705	11752	11523	9115	9957	9149	8539	7672
Trout	...	26	171	405	360	370	304	307	333
Chekhonya	...	...	...	94	133	141	118	117	113
Pike	...	183	197	297	332	277	308	296	193
<b>Other water living resources</b>	<b>3388</b>	<b>31400</b>	<b>3664</b>	<b>14589</b>	<b>10770</b>	<b>21485</b>	<b>34586</b>	<b>28279</b>	<b>28057</b>
including									
Crustaceans	10	14077	41	13081	8693	15631	23164	21803	22496
Molluscs	3353	17256	2732	900	1691	c	c	6475	5114

<sup>1</sup> From 2010 data include fishing by natural persons-entrepreneurs

## AGRICULTURE, HUNTING, FORESTRY. FISHERY

**18.65. Harvesting of water bio-resources, by region<sup>1</sup>**

(t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>350087</b>	<b>265585</b>	<b>218681</b>	<b>88552</b>	<b>92645</b>	<b>86223</b>	<b>92682</b>	<b>76508</b>	<b>69873</b>
Autonomous Republic of Crimea	126698	34269	15207	...	...	...	...	...	...
<b>oblasts</b>									
Vinnnytsya	1824	1817	1926	2037	1923	1974	1976	1544	1324
Volyn	261	401	423	772	621	537	455	513	517
Dnipropetrovsk	2717	1997	1794	2035	3717	3598	3700	4427	3591
Donetsk	7777	10811	9887	6362	7573	6285	4315	2847	1993
Zhytomyr	911	833	534	609	658	838	841	412	474
Zakarpattya	281	388	377	402	319	316	228	147	208
Zaporizhzhya	3722	9668	11926	22522	25429	12849	9126	5750	3283
Ivano-Frankivsk	357	551	507	610	609	629	517	593	563
Kyiv	2002	1393	1999	3653	4392	3656	3614	3231	2135
Kirovohrad	1363	1128	1553	1832	2306	2424	1137	1412	1376
Luhansk	1196	370	513	c	266	173	134	156	115
Lviv	1312	1575	1287	809	817	875	755	656	1037
Mykolayiv	2944	761	3000	1934	10572	18778	26231	23169	24862
Odesa	31512	23258	19527	22245	10933	12802	17059	11313	10473
Poltava	3288	2163	1379	1113	1436	1077	1279	1305	1748
Rivne	504	601	486	520	512	595	367	445	470
Sumy	1925	2329	2112	2534	2422	2304	1888	1740	1126
Ternopil	286	408	745	239	307	344	412	389	349
Kharkiv	1025	987	1131	1248	979	1077	954	1022	719
Kherson	5816	6840	4801	4530	7517	5590	6476	5756	4291
Khmelnyskiy	700	746	176	479	623	668	607	552	539
Cherkasy	5175	4448	5254	5856	5706	5823	5914	5429	6909
Chernivtsi	522	464	487	1081	772	744	809	586	808
Chernihiv	397	707	1148	1055	638	734	599	325	123
<b>cities</b>									
Kyiv	2240	—	19193	c	1598	1533	3289	2789	840
Sevastopol	143332	156672	111309	...	...	...	...	...	...

<sup>1</sup> See the footnote to Table 18.64

## 19. CONSTRUCTION

The **construction work**, according to *the Classification of Types of Economic Activity*, State Classifier 009:2010, include general and specialised construction work of buildings and structures. This activity includes new construction, repair operations and reconstruction, construction of buildings and prefabricated structures on the site of operations as well as construction of temporary objects (Section F *Construction*).

**Indices of construction produce** are produced in line with international

standards by the Technique approved by SSSU decree 224 of August 2, 2005 (with changes by the decrees № 91 of the State Statistics Service of Ukraine dated on March 14, 2013 and № 61 of January 23, 2020).

**Residential buildings** includes dwelling: single-family house, houses with two and more apartments and boarding **houses** (including old people's homes, student's hostels and others, e.g. refugee's hostels, hostels for workers and employees, orphanages, homes for the homeless etc).

### 19.1. Indices of construction output

(percent of the previous year)

	2015	2017	2018	2019	2020	2021
<b>Total</b>	<b>87,5</b>	<b>126,4</b>	<b>108,6</b>	<b>123,6</b>	<b>105,6</b>	<b>106,8</b>
Buildings	91,7	121,5	103,5	119,1	93,7	110,0
residential	98,9	116,3	100,9	104,8	83,5	119,2
non-residential	85,8	126,1	105,7	130,3	100,3	105,1
Engineering structures	83,7	131,7	113,6	127,7	115,6	104,6

### 19.2. Construction output, by type of construction output

(percent)

	2010	2015	2017	2018	2019	2020	2021
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Buildings	45,6	50,3	50,0	47,3	46,0	39,9	39,9
residential	16,1	24,2	22,5	20,8	18,3	14,4	15,2
non-residential	29,5	26,1	27,5	26,5	27,7	25,5	24,7
Engineering structures	54,4	49,7	50,0	52,7	54,0	60,1	60,1

CONSTRUCTION

**19.3. Indices of construction output, by region**

*(percent of the previous year)*

	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>87,5</b>	<b>126,4</b>	<b>108,6</b>	<b>123,6</b>	<b>105,6</b>	<b>106,8</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnnytsya	104,8	113,3	144,7	177,7	98,7	120,6
Volyn	133,8	99,0	100,7	122,4	103,7	108,4
Dnipropetrovsk	91,0	136,7	125,1	128,9	86,4	98,3
Donetsk	41,5	105,3	136,8	125,4	135,5	94,6
Zhytomyr	87,7	142,4	107,3	127,6	75,6	103,9
Zakarpattya	115,2	150,7	104,2	122,8	82,0	76,4
Zaporizhzhya	97,6	132,7	120,8	96,2	78,1	101,4
Ivano-Frankivsk	106,3	134,4	117,9	107,8	98,3	110,8
Kyiv	99,7	122,3	103,9	133,9	116,3	111,9
Kirovohrad	104,7	166,5	85,8	121,3	64,2	78,5
Luhansk	49,2	74,2	87,1	101,1	103,6	90,7
Lviv	120,1	111,9	111,5	123,3	122,7	110,4
Mykolayiv	122,7	116,5	86,8	150,2	74,0	113,1
Odesa	80,2	149,3	111,5	111,3	149,1	103,9
Poltava	84,6	119,4	98,4	104,4	102,9	96,4
Rivne	64,7	114,4	130,9	127,3	94,5	115,6
Sumy	89,3	98,2	92,0	104,9	105,9	101,6
Ternopil	95,9	103,1	93,6	126,9	102,2	137,3
Kharkiv	102,5	122,9	101,5	112,9	93,1	117,2
Kherson	93,8	134,6	98,7	144,7	68,3	93,6
Khmelnyskiy	108,9	127,2	121,0	109,0	161,6	118,6
Cherkasy	95,4	108,9	123,8	101,4	116,8	119,2
Chernivtsi	89,0	109,1	93,3	138,7	99,1	64,1
Chernihiv	64,7	130,0	103,1	152,0	123,8	100,8
<b>cities</b>						
Kyiv	86,2	133,0	100,9	126,1	99,0	107,8
Sevastopol	...	...	...	...	...	...

CONSTRUCTION

**19.4. Total area of residential buildings put into operation, by region<sup>1</sup>**

(thsd.sq.m of total size)

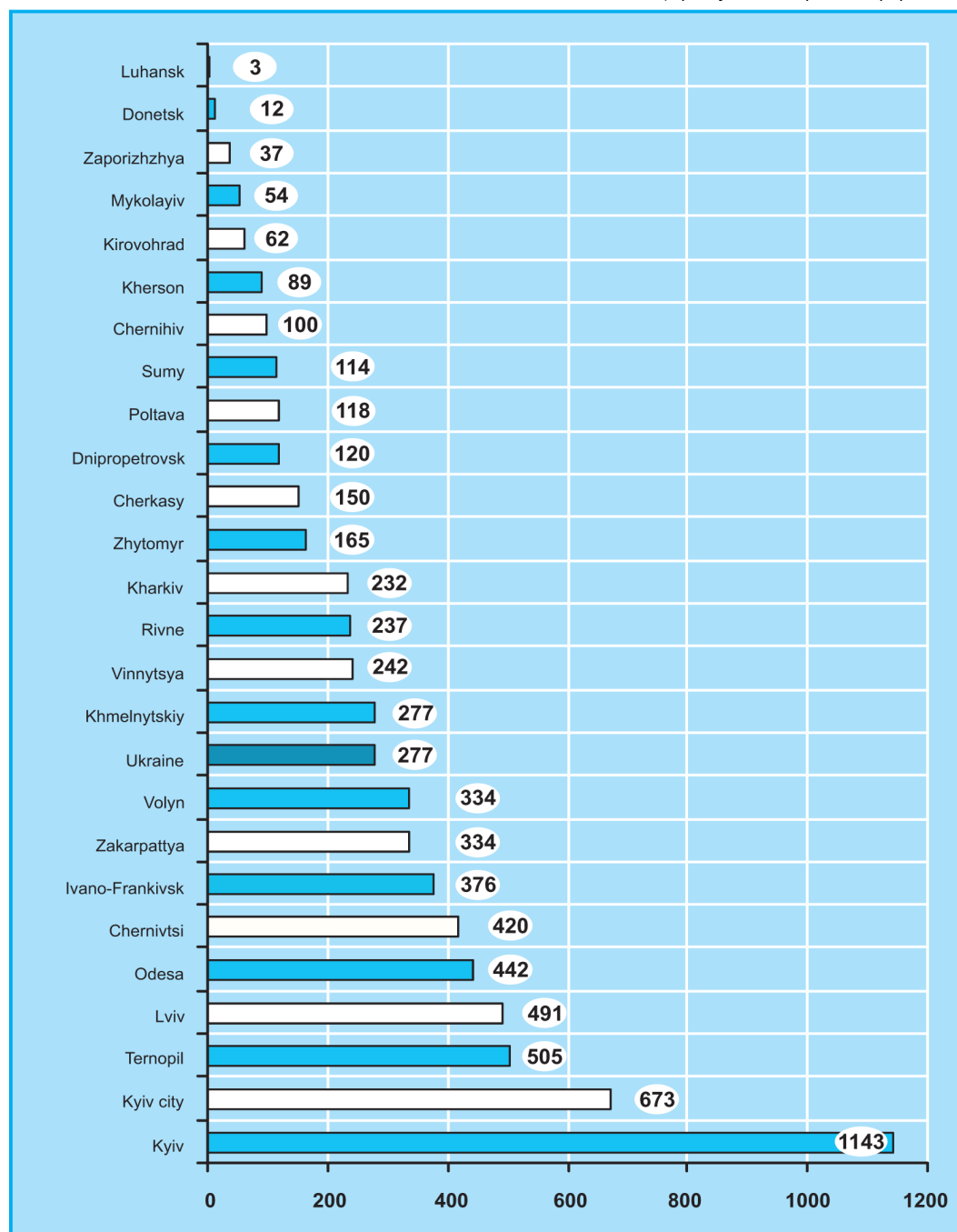
	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>5558</b>	<b>7816</b>	<b>9339</b>	<b>11044</b>	<b>9217</b>	<b>8689</b>	<b>11029</b>	<b>8451</b>	<b>11434</b>
Autonomous Republic of Crimea	179	283	535	...	...	...	...	...	...
<b>oblasts</b>									
Vinnnytsya	141	350	292	391	304	224	287	322	366
Volyn	126	155	175	329	308	371	437	356	341
Dnipropetrovsk	431	375	226	340	320	284	414	259	374
Donetsk	344	329	293	43	38	41	63	47	48
Zhytomyr	118	192	201	213	124	146	196	154	196
Zakarpattya	213	232	293	442	368	429	507	391	416
Zaporizhzhya	131	159	144	101	89	68	90	53	61
Ivano-Frankivsk	217	332	600	856	523	404	753	506	509
Kyiv	337	635	1184	1864	1719	1541	1861	1733	2042
Kirovohrad	78	108	98	117	41	48	71	58	56
Luhansk	181	253	147	22	15	16	21	15	7
Lviv	372	499	642	1165	889	897	1292	1016	1211
Mykolayiv	101	123	133	168	52	51	112	62	60
Odesa	268	450	640	632	683	568	1087	525	1039
Poltava	169	210	246	266	206	203	217	197	159
Rivne	107	145	207	361	360	319	352	293	271
Sumy	110	143	182	157	92	97	111	62	119
Ternopil	149	245	288	480	244	261	411	309	517
Kharkiv	249	367	416	384	348	529	382	315	604
Kherson	128	163	182	113	59	95	121	100	89
Khmelnyskiy	168	287	362	469	335	325	324	279	342
Cherkasy	109	161	187	193	133	131	173	111	175
Chernivtsi	116	201	294	382	187	287	490	327	374
Chernihiv	95	153	160	190	118	98	143	96	96
<b>cities</b>									
Kyiv	859	1201	1012	1366	1662	1256	1114	865	1962
Sevastopol	62	65	200	...	...	...	...	...	...

<sup>1</sup> For 2010–2016, 2018–2021 including data on housing put into service according to procedures (Ukraine's Ministry of Regional Development, Construction and Public Utilities' Decree 158 of July 3, 2018 (with changes), Decree 79 of April 24, 2015, Decree 95 of March 19, 2013 and Decree 91 of June 24, 2011, and Ukraine Cabinet of Ministers' regulation 1035 of September 09, 2009); for 2017–2021 new construction (excluding an increase in area due to reconstruction)

CONSTRUCTION

**19.5. Total area of residential buildings put into operation in 2021, by region<sup>1</sup>**

*(sq.m of total size per 1000 population)*



<sup>1</sup> See the footnote to Table 19.4



CONSTRUCTION

**19.6. Total area of residential buildings put into operation by types<sup>1</sup>**

	2005	2010	2015	2017	2018	2019	2020	2021
<b>Thsd.sq.m of total size</b>								
<b>Total</b>	<b>7815,9</b>	<b>9339,3</b>	<b>11044,4</b>	<b>9217,4</b>	<b>8689,4</b>	<b>11029,3</b>	<b>8451,2</b>	<b>11433,8</b>
single-family house	4385,7	6266,8	5580,0	3555,6	4247,7	5847,1	4271,8	4351,6
houses with two and more apartments	3410,9	3050,4	5435,2	5648,2	4434,6	5176,4	4172,3	7051,8
boarding houses	19,3	22,1	29,2	13,6	7,1	5,8	7,1	30,4
<b>Percentage of total</b>								
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
single-family house	56,1	67,1	50,5	38,6	48,9	53,0	50,5	38,0
houses with two and more apartments	43,7	32,7	49,2	61,3	51,0	46,9	49,4	61,7
boarding houses	0,2	0,2	0,3	0,1	0,1	0,1	0,1	0,3

<sup>1</sup>See the footnote to Table 19.4

CONSTRUCTION

**19.7. Total area of residential buildings put into operation in urban areas, by region<sup>1</sup>**

*(thsd.sq.m of total size)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>4329</b>	<b>6088</b>	<b>6304</b>	<b>7465</b>	<b>6506</b>	<b>5652</b>	<b>6806</b>	<b>5149</b>	<b>7940</b>
Autonomous Republic of Crimea	125	232	378	...	...	...	...	...	...
<b>oblasts</b>									
Vinnnytsya	90	214	186	251	231	157	163	201	241
Volyn	81	114	94	165	134	161	181	136	147
Dnipropetrovsk	381	302	181	259	295	245	359	221	334
Donetsk	308	285	253	36	29	29	48	33	36
Zhytomyr	84	126	109	140	65	79	100	89	131
Zakarpattia	72	137	138	199	158	168	191	169	199
Zaporizhyya	106	127	107	85	71	51	67	41	48
Ivano-Frankivsk	157	227	322	400	264	139	372	241	308
Kyiv	197	352	488	832	749	636	767	735	907
Kirovohrad	59	84	64	86	33	37	52	46	42
Luhansk	141	200	127	18	12	10	17	12	6
Lviv	248	344	404	822	648	578	819	634	762
Mykolayiv	92	109	119	141	47	47	99	53	51
Odesa	215	356	419	530	487	379	714	299	732
Poltava	123	161	179	181	144	129	124	115	109
Rivne	56	92	107	204	218	162	167	140	141
Sumy	83	115	145	132	78	80	90	44	104
Ternopil	126	200	188	300	186	161	230	204	382
Kharkiv	199	305	333	340	321	493	336	295	555
Kherson	101	122	127	81	44	73	82	69	61
Khmelnyskiy	117	233	277	411	302	287	258	210	284
Cherkasy	82	121	123	148	115	109	133	81	144
Chernivtsi	86	126	133	191	113	113	208	139	168
Chernihiv	81	141	103	147	100	73	115	77	86
<b>cities</b>									
Kyiv	859	1201	1012	1366	1662	1256	1114	865	1962
Sevastopol	60	62	188	...	...	...	...	...	...

<sup>1</sup> See the footnote to Table 19.4

CONSTRUCTION

**19.8. Total area of residential buildings put into operation in rural areas, by region<sup>1</sup>**

(thsd.sq.m of total size)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>1229</b>	<b>1728</b>	<b>3035</b>	<b>3579</b>	<b>2711</b>	<b>3037</b>	<b>4223</b>	<b>3302</b>	<b>3494</b>
Autonomous Republic of Crimea	54	51	157	...	...	...	...	...	...
<b>oblasts</b>									
Vinnnytsya	51	136	106	140	73	67	124	121	125
Volyn	45	41	81	164	174	210	256	220	194
Dnipropetrovsk	50	73	45	81	25	39	55	38	40
Donetsk	36	44	40	7	9	12	15	14	12
Zhytomyr	34	66	92	73	59	67	96	65	65
Zakarpattia	141	95	155	243	210	261	316	222	217
Zaporizhyya	25	32	37	16	18	17	23	12	13
Ivano-Frankivsk	60	105	278	456	259	265	381	265	201
Kyiv	140	283	696	1032	970	905	1094	998	1135
Kirovohrad	19	24	34	31	8	11	19	12	14
Luhansk	40	53	20	4	3	6	4	3	1
Lviv	124	155	238	343	241	319	473	382	449
Mykolayiv	9	14	14	27	5	4	13	9	9
Odesa	53	94	221	102	196	189	373	226	307
Poltava	46	49	67	85	62	74	93	82	50
Rivne	51	53	100	157	142	157	185	153	130
Sumy	27	28	37	25	14	17	21	18	15
Ternopil	23	45	100	180	58	100	181	105	135
Kharkiv	50	62	83	44	27	36	46	20	49
Kherson	27	41	55	32	15	22	39	31	28
Khmelnyskiy	51	54	85	58	33	38	66	69	58
Cherkasy	27	40	64	45	18	22	40	30	31
Chernivtsi	30	75	161	191	74	174	282	188	206
Chernihiv	14	12	57	43	18	25	28	19	10
<b>city</b>									
Sevastopol	2	3	12	...	...	...	...	...	...

<sup>1</sup> See the footnote to Table 19.4

CONSTRUCTION

**19.9. Total area of residential buildings put into operation and the number of apartments built<sup>1</sup>**

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Total</b>									
Total size, thsd.sq.m	5558	7816	9339	11044	9217	8689	11029	8451	11434
in urban areas	4329	6088	6304	7465	6506	5652	6806	5149	7940
in rural areas	1229	1728	3035	3579	2711	3037	4223	3302	3494
Number of apartments built, thsd.	63	76	77	120	117	103	126	97	152
in urban areas	52	63	57	89	91	76	88	66	117
in rural areas	11	13	20	31	26	27	38	31	35
<b>Per 1000 population</b>									
Total size, sq.m	113	167	204	259	218	206	263	203	277
in urban areas	130	192	202	254	223	194	235	179	278
in rural areas	77	113	210	269	207	233	327	259	277
Number of apartments built	1,3	1,6	1,7	2,8	2,8	2,4	3,0	2,3	3,7
in urban areas	1,6	2,0	1,8	3,0	3,1	2,6	3,0	2,3	4,1
in rural areas	0,7	0,8	1,4	2,4	2,0	2,1	3,0	2,4	2,8

<sup>1</sup> See the footnote to Table 19.4

## 20. CAPITAL INVESTMENT

**Capital investment** is expenditure for an acquisition or production (creation) of tangible and intangible non-current assets. The calculation of investment per capita is made on the basis of average annual resident population.

**Investment into tangible assets** is investment into residential buildings, non-residential buildings, engineering structures, machines, equipment and tools, transport facilities, land, long-term biological assets of animal breeding and crop farming other tangible assets.

**Investment into intangible assets** is investment into an acquisition or creation

using one's own resources of the rights to use natural resources and property, software and databases, the rights for commercial brands, subjects of industrial property, copyrights and related rights, patents, licences, concessions, etc.

The calculation of investment per capita is made on the basis of average annual resident population.

**Capital investment index** is produced in line with the Technique to compile capital investment index approved by SSSU order No 303 of December 10, 2021.

CAPITAL INVESTMENT

**20.1. Capital investment by type of assets**

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Min. UAH</b>						
<b>Total</b>	<b>273116</b>	<b>448462</b>	<b>578726</b>	<b>623979</b>	<b>508217</b>	<b>528802</b>
Investment into material assets	254731	432040	542335	600568	483324	505246
residential buildings	45610	53372	57396	58015	34886	47798
non-residential buildings	43331	65605	88846	100468	78920	71496
engineering structure	50949	78564	111315	149153	127995	148150
machines, equipment and stock	84423	154722	187651	198455	161637	158725
transport vehicles	19650	60124	73926	65871	50075	54412
land	1442	1994	1673	2230	2298	2094
long-term biological assets of crop growing and cattle raising	2762	3728	4528	6000	5247	4941
other material assets	6564	13931	17000	20376	22266	17630
Investment into non-material assets including	18385	16422	36391	23411	24893	23556
software and data bases	4908	8196	9476	10215	12411	13731
rights on commercial notations, objects of industrial ownership, author's rights (including entertainment programs and originals of literary and artistic works), patents, licences, concessions, etc <sup>2</sup>	12654	6228	24382	8389	8389	—
<b>Percentage of total</b>						
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Investment into material assets	93,3	96,3	93,7	96,2	95,1	95,5
residential buildings	16,7	11,9	9,9	9,3	6,9	9,1
non-residential buildings	15,9	14,6	15,4	16,1	15,5	13,5
engineering structure	18,7	17,5	19,2	23,9	25,2	28,0
machines, equipment and stock	30,9	34,5	32,4	31,8	31,8	30,0
transport vehicles	7,2	13,4	12,8	10,5	9,9	10,3
land	0,5	0,5	0,3	0,3	0,4	0,4
long-term biological assets of crop growing and cattle raising	1,0	0,8	0,8	1,0	1,0	0,9
other material assets	2,4	3,1	2,9	3,3	4,4	3,3
Investment into non-material assets including	6,7	3,7	6,3	3,8	4,9	4,5
software and data bases	1,8	1,8	1,6	1,6	2,4	2,6
rights on commercial notations, objects of industrial ownership, author's rights (including entertainment programs and originals of literary and artistic works), patents, licences, concessions, etc <sup>2</sup>	4,6	1,4	4,2	1,3	1,7	—

<sup>1</sup> Data for January-December

<sup>2</sup> For 2015–2019 the data are updated

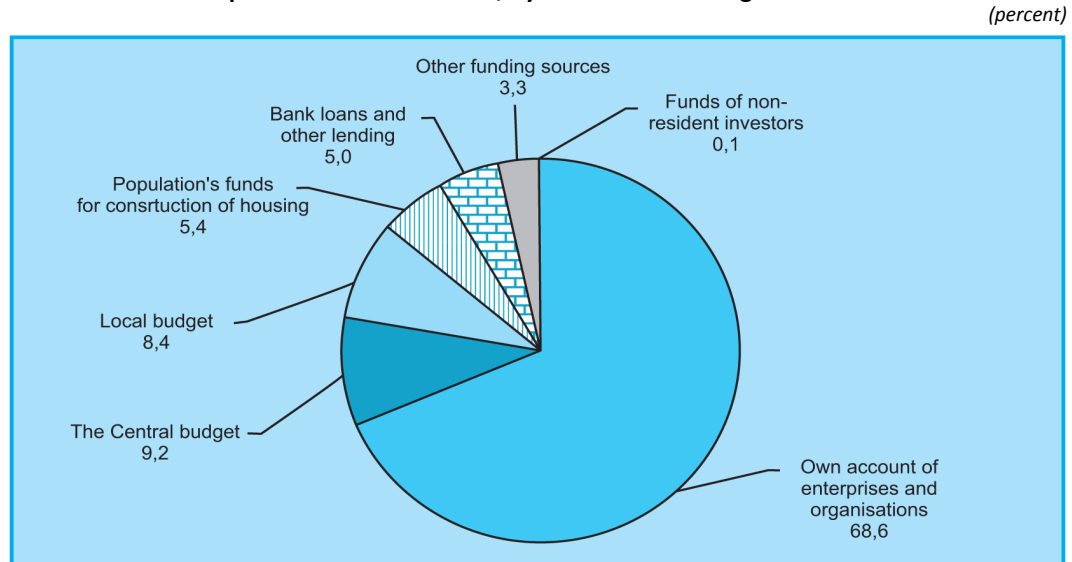
CAPITAL INVESTMENT

**20.2. Structure of capital investments, by source of financing**

	<i>(percent)</i>					
	2015	2017	2018	2019	2020 <sup>1</sup>	2021 <sup>1</sup>
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
including on account of						
the Central budget	2,5	3,4	3,9	4,9	8,7	9,2
local budgets	5,2	9,3	8,7	9,1	10,4	8,4
own account of enterprises and organisations	67,5	69,1	70,8	65,4	66,5	68,6
bank loans and other lending	7,6	6,6	7,8	10,8	6,7	5,0
funds of non-resident investors	3,0	1,4	0,3	0,7	0,4	0,1
population's funds for construction of housing	11,7	7,3	6,0	5,2	4,9	5,4
other funding sources	2,5	2,9	2,5	3,9	2,4	3,3

<sup>1</sup>See the first footnote to Table 20.1

**20.3. Structure of capital investment in 2021, by source of financing<sup>1</sup>**



<sup>1</sup>See the first footnote to Table 20.1

## CAPITAL INVESTMENT

**20.4. Capital investment, by type of economic activity***(mln. UAH)*

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Total</b>	<b>273116</b>	<b>448462</b>	<b>578726</b>	<b>623979</b>	<b>508217</b>	<b>528802</b>
Agriculture, forestry and fishing	30155	64243	66104	59130	50680	49127
Agriculture, hunting and related services	29310	63401	65059	58555	50189	48080
Forestry and logging	789	769	980	549	460	1000
Fishing	56	73	65	26	31	47
Industry	87656	143300	199896	254196	180537	191176
Construction	43464	52176	55994	62347	39615	51833
Wholesale and retail trade; repair of motor vehicles and motorcycles	20663	33665	51818	44174	41685	43406
Wholesale and retail trade and repair of motor vehicles and motorcycles	1469	2826	3103	3467	3628	2813
Wholesale trade, except of motor vehicles and motorcycles	13536	22097	28840	22428	18075	14821
Retail trade, except of motor vehicles and motorcycles	5658	8742	19875	18279	19982	25772
Transport and storage, postal and courier activities	18704	37944	50078	43793	34885	37375
Land and via pipeline transport	8120	22246	31006	24570	20208	26392
Water transport	303	254	198	252	326	239
Air transport	648	1302	1528	1768	856	1590
Warehousing and support activities for transport	9529	13758	16962	17144	12967	8249
Postal and courier activities	104	384	384	59	528	905
Accommodation and food service activities	1393	2134	2675	2832	1951	2091
Accommodation	890	1380	1473	983	840	639
Food and beverage service activities	503	754	1202	1849	1111	1452
Information and communication	22975	18395	29885	21063	22382	20128
Publishing, audiovisual and broadcasting activities	2304	3568	4745	5766	5194	5177
Telecommunications	19537	12777	21318	11734	14297	11758
IT and other information services	1134	2050	3822	3563	2891	3193
Financial and insurance activities	6448	8055	10652	11246	11979	8106
Real estate activities	11899	22506	27557	28147	19940	21490
Professional, scientific and technical activities	4065	7965	10798	11912	11823	14102
Legal, accounting, management, architecture, engineering, technical testing and analysis activities	3244	5562	7752	8301	8470	10976
Scientific research and development	518	1110	1511	2058	2076	2052
Advertising and market research, other professional, scientific and technical activities, veterinary activities	303	1293	1535	1553	1277	1074
Administrative and support service activities	6535	12747	11838	11741	8624	8709
Public administration and defence, compulsory social security	13942	32844	44598	54306	62303	63399
Education	1540	3493	4460	4789	3740	2734
Human health and social work activities	2367	6708	8139	9485	14836	11270
Arts, entertainment and recreation	1044	1649	3663	4146	2773	3064
Other services	266	638	571	672	464	792

<sup>1</sup> See the first footnote to Table 20.1



CAPITAL INVESTMENT

**20.5. Indices for capital investment, by type of economic activity**

(percent of the previous year)

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Total</b>	<b>98,3</b>	<b>122,1</b>	<b>116,4</b>	<b>115,5</b>	<b>61,8</b>	<b>113,0</b>
Agriculture, forestry and fishing	127,1	130,7	108,5	90,0	54,7	124,9
Agriculture, hunting and related services	126,1	131,2	108,4	90,4	54,6	123,5
Forestry and logging	166,1	100,0	115,5	60,7	65,5	245,0
Fishing	248,5	153,7	106,4	75,9	53,6	147,4
Industry	80,1	123,4	122,2	134,7	56,4	110,8
Construction	96,4	110,5	86,1	109,8	60,3	124,7
Wholesale and retail trade; repair of motor vehicles and motorcycles	75,7	113,0	149,1	100,3	60,8	125,0
Wholesale and retail trade and repair of motor vehicles and motorcycles	122,8	149,0	102,5	130,6	65,2	126,7
Wholesale trade, except of motor vehicles and motorcycles	72,4	114,3	132,8	96,5	51,5	100,7
Retail trade, except of motor vehicles and motorcycles	76,8	102,9	201,0	101,4	73,5	149,5
Transport and storage, postal and courier activities	93,0	142,2	121,9	96,6	56,8	135,4
Land and via pipeline transport	166,7	147,4	124,3	89,4	64,2	144,9
Water transport	129,3	105,3	84,5	129,7	67,1	135,6
Air transport	166,5	160,6	135,9	109,6	24,1	363,2
Warehousing and support activities for transport	64,2	130,4	117,6	110,9	45,7	95,1
Postal and courier activities	56,8	336,7	94,4	16,8	734,7	205,2
Accommodation and food service activities	67,4	102,9	106,7	148,7	55,2	110,9
Accommodation	61,4	116,8	88,5	106,0	57,5	87,7
Food and beverage service activities	76,7	89,5	129,8	185,5	54,0	123,7
Information and communication	221,8	102,0	141,9	83,4	87,3	83,7
Publishing, audiovisual and broadcasting activities	100,4	103,5	134,0	124,8	68,9	93,0
Telecommunications	261,6	102,5	142,5	67,3	102,7	75,7
IT and other information services	139,1	97,1	149,0	140,5	60,7	114,4
Financial and insurance activities	82,3	102,4	130,4	102,8	76,6	71,7
Real estate activities	82,5	84,1	114,4	111,7	67,1	109,2
Professional, scientific and technical activities	117,9	132,4	107,5	131,4	77,3	114,1
Legal, accounting, management, architecture, engineering, technical testing and analysis activities	112,5	119,9	104,0	125,8	86,9	111,8
Scientific research and development	124,7	222,1	107,8	162,3	59,0	135,2
Advertising and market research, other professional, scientific and technical activities, veterinary activities	184,3	135,5	127,8	120,2	57,9	97,6
Administrative and support service activities	136,9	118,7	77,8	137,2	61,1	103,0
Public administration and defence, compulsory social security	226,2	144,9	115,3	129,9	92,6	95,3
Education	152,7	168,4	108,4	131,6	54,3	81,3
Human health and social work activities	145,8	189,5	105,8	146,6	52,5	179,1
Arts, entertainment and recreation	144,2	165,9	185,8	117,1	28,9	201,5
Other services	106,7	166,6	78,6	114,7	78,1	178,2

<sup>1</sup> See the first footnote to Table 20.1

## CAPITAL INVESTMENT

**20.6. Capital investment, by type of economic activity in industry***(mln. UAH)*

	2015	2017	2018	2019	2020	2021 <sup>1</sup>
<b>Industry</b>	<b>87656</b>	<b>143300</b>	<b>199896</b>	<b>254196</b>	<b>180537</b>	<b>191176</b>
Mining and quarrying	18466	35552	53984	68521	50343	55617
Manufacturing	46219	73884	100870	105878	84408	82861
Manufacture of food products, beverages and tobacco products	13548	18927	30213	31889	28875	21281
Manufacture of textiles, apparel, leather and related products	987	1882	1846	1492	1202	1365
Manufacture of wood and paper products, and printing	4031	6841	7533	9994	6191	4697
Manufacture of coke, and refined petroleum products	580	979	1503	1831	1986	3353
Manufacture of chemicals and chemical products	1680	2981	2792	2488	2496	2361
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1623	1879	2433	2425	2907	2895
Manufacture of rubber and plastics products, and other non-metallic mineral products	3818	10440	13132	10873	9230	8748
Manufacture of basic metals and fabricated metal products, except machinery and equipment	12470	17829	26376	31093	19996	25868
Manufacture of computer, electronic and optical products	420	756	956	657	608	734
Manufacture of electrical equipment	585	1485	1900	1759	1443	1926
Manufacture of machinery and equipment n.e.c.	1945	3291	4057	3176	3177	2854
Manufacture of transport equipment, trailers, and semitrailers and other	3332	4781	5578	5374	3975	4450
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	1200	1813	2551	2827	2322	2329
Electricity, gas, steam and air-conditioning supply	21347	31021	41784	75612	42132	48868
Water supply, sewerage, waste management and remediation	1624	2843	3258	4185	3654	3830

<sup>1</sup> See the first footnote to Table 20.1

## CAPITAL INVESTMENT

**20.7. Indices for capital investment, by type of economic activity in industry<sup>1</sup>***(percent of the previous year)*

	2015	2017	2018	2019	2020	2021
<b>Industry</b>	<b>80,1</b>	<b>123,4</b>	<b>122,2</b>	<b>134,7</b>	<b>56,4</b>	<b>110,8</b>
Mining and quarrying	73,9	151,4	141,5	138,1	55,2	109,6
Manufacturing	86,3	129,1	121,1	125,8	54,9	108,6
Manufacture of food products, beverages and tobacco products	75,9	107,4	123,6	148,9	53,5	94,4
Manufacture of textiles, apparel, leather and related products	135,9	113,8	90,4	76,9	67,3	126,9
Manufacture of wood and paper products, and printing	150,0	180,3	104,5	154,0	69,4	52,2
Manufacture of coke, and refined petroleum products	90,2	114,3	150,2	167,3	63,9	204,2
Manufacture of chemicals and chemical products	72,3	176,9	84,6	99,1	71,0	110,3
Manufacture of pharmaceuticals, medicinal chemical and botanical products	91,0	111,9	124,3	112,5	91,7	95,2
Manufacture of rubber and plastics products, and other non-metallic mineral products	83,1	150,6	124,7	95,6	54,3	124,8
Manufacture of basic metals and fabricated metal products, except machinery and equipment	83,5	126,7	134,6	129,7	47,4	125,7
Manufacture of computer, electronic and optical products	130,7	120,7	103,3	86,8	52,9	158,7
Manufacture of electrical equipment	99,3	148,1	109,2	101,0	56,1	154,1
Manufacture of machinery and equipment n.e.c.	74,1	133,4	123,5	93,9	56,5	115,7
Manufacture of transport equipment, trailers, and semitrailers and other	107,2	137,3	119,8	98,6	50,3	137,9
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	94,3	145,8	99,5	127,4	53,1	137,6
Electricity, gas, steam and air-conditioning supply	72,3	90,8	103,0	157,9	60,6	116,8
Water supply, sewerage, waste management and remediation	123,2	129,2	105,8	137,4	66,8	112,6

<sup>1</sup> See the first footnote to Table 20.1

## 21. TRANSPORT

**Freight shipped** is the total quantity of goods expressed in tons (gross), shipped.

**Freight transported** refers to the total freight loaded and shipped by selected type of carrier (trucks, railway coaches, sea and river vessels and aeroplanes) or pipelines. Freight is measured in tons (pumping of gas or ammonia is measured in tons or cubic meters).

**Freight turnover** is the sum of the weight products transported (relocated) cargo (gross) by the distance of transportation (relocation) for each consignment of cargo (measured in tonne-kilometers).

**Passengers carried** is the total number of passengers admitted for transport.

**Transport passengers** is the total number of passengers transported by category of carrier (busses, motor cars, trolley buses, trams, passenger railway coaches, sea and river vessels and airplanes).

**Passenger turnover** is the sum of the products of the number of passengers carried

by the distance of transportation for each trip (measured in passenger-kilometers).

**Intracity transport** refers to passenger transportation within the boundaries of an inhabited locality.

**Commuter transport** includes passenger transportation by routes, the length of which does not exceed 50 km regardless of administrative division apart from city routes.

**Long-distance transport** refers to passenger transportation by routes, the length of which exceed 50 km and which are within boundaries of the Autonomous Republic of Crimea, region (inter-oblast) or are outside the Autonomous Republic of Crimea, region (interregional).

**Average distance of transport** is defined by dividing freight and passenger traffic by the quantity of shipped freight and transported passengers respectively.

TRANSPORT

TRANSPORT

**21.1. Freight shipped in 1940–2021, by mode of transport**

(mln.t)

	By mode of transport			
	rail <sup>1</sup>	road <sup>2</sup>	sea	river
1940	200	187	5,4	4,6
1950	228	366	6,6	4,3
1955	348	687	13,8	9,8
1960	504	1678	20	12,8
1965	663	2362	29	17,4
1970	795	3058	38	27,3
1975	976	4057	46	42,3
1980	981	4392	47	51,3
1985	1024	4727	56	57
1990	974	4897	53	66
1995	360	1816	21	13
2000	357	939	6,3	8,3
2005	450	1121	8	13
2010	433	1168	4	7
2015	350	1021	3	3
2016	343	1086	3	4
2017	339	1122	2	4
2018	322	1206	2	4
2019	313	1147	2	4
2020	306	1232	2	4
2021	314	...	2	3

<sup>1</sup> According to data from the Joint-stock partnership *Ukrainian rail*. Before 1995, dispatched cargo; since 2000, cargo transportation

<sup>2</sup> 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

**21.2. Freight shipped, by mode of transport**

(mln.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Transport</b>	<b>1529</b>	<b>1805</b>	<b>1765</b>	<b>1474</b>	<b>1582</b>	<b>1643</b>	<b>1579</b>	<b>1641</b>	...
Land	1514	1784	1754	1468	1576	1637	1573	1635	...
rail <sup>1</sup>	357	450	433	350	339	322	313	306	314
road <sup>1</sup>	939	1121	1168	1021	1122	1206	1147	1232	...
pipeline	218	213	153	97	115	109	113	97	78
Water	15	21	11	6	6	6	6	6	5
sea	6,3	8	4	3	2	2	2	2	2
river	8,3	13	7	3	4	4	4	4	3
Air <sup>2</sup>	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1

<sup>1</sup> See the relevant footnotes to Table 21.1

<sup>2</sup> Since 2003, State Aviation Administration of Ukraine

TRANSPORT

**21.3. Share of freight shipped, by mode of transport**

*(percent)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Transport</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	...
Land	99	99	99	100	100	100	100	100	...
rail <sup>1</sup>	23	25	24	24	22	20	20	19	...
road <sup>1</sup>	61	62	66	69	71	73	73	75	...
pipeline	15	12	9	7	7	7	7	6	...
Water	1	1	1	0	0	0	0	0	...
sea	0	0	0	0	0	0	0	0	...
river	1	1	0	0	0	0	0	0	...
Air <sup>2</sup>	0	0	0	0	0	0	0	0	...

<sup>1</sup> See the relevant footnotes to Table 21.1

<sup>2</sup> See the second footnote to Table 21.2

**21.4. Volume indices for freight shipped, by mode of transport**

*(percent of the previous year)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Transport</b>	<b>99,5</b>	<b>104</b>	<b>109</b>	<b>91</b>	<b>103</b>	<b>104</b>	<b>96</b>	<b>104</b>	...
Land	99	104	109	91	103	104	96	104	...
rail <sup>1</sup>	107	97	111	91	99	95	97	98	103
road <sup>1</sup>	98	109	109	90	103	107	95	107	...
pipeline	94	96	99	98	108	95	103	87	80
Water	101	104	113	108	88	95	109	92	95
sea	98	98	87	117	74	84	112	86	102
river	103	109	136	100	100	102	107	95	92
Air <sup>2</sup>	206	125	103	88	112	120	93	95	93

<sup>1</sup> See the relevant footnotes to Table 21.1

<sup>2</sup> See the second footnote to Table 21.2

TRANSPORT

**21.5. Freight traffic in 1940–2021, by mode of transport**

(bln.tkm)

	Total	By mode of transport					
		rail <sup>1</sup>	road <sup>2</sup>	sea	river	pipeline <sup>3</sup>	air <sup>4</sup>
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	...	180,4	...	1,6	1,4	59,2	0,3

<sup>1</sup> According to data from the Joint-stock partnership *Ukrainian rail*

<sup>2</sup> See the second footnote to Table 21.1

<sup>3</sup> Prior to 1980, oil and oil products including oil pipeline *Druzhba*

<sup>4</sup> See the second footnote to Table 21.2

TRANSPORT

**21.6. Freight traffic, by mode of transport**

*(bln.tkm)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Transport</b>	<b>394,1</b>	<b>473,6</b>	<b>418,7</b>	<b>334,7</b>	<b>364,2</b>	<b>361,3</b>	<b>355,0</b>	<b>313,2</b>	...
Land	379,6	457,4	409,3	329,1	359,6	357,6	351,3	310,0	...
rail <sup>1</sup>	172,8	224,0	218,1	195,1	191,9	186,3	181,8	175,6	180,4
road <sup>2</sup>	19,3	35,3	53,9	53,3	62,3	72,1	65,0	65,1	...
pipeline	187,5	198,1	137,3	80,7	105,4	99,2	104,5	69,3	59,2
Water	14,5	15,9	9,0	5,4	4,3	3,4	3,4	2,9	3,0
sea	8,6	9,6	5,2	3,9	2,9	1,8	1,8	1,5	1,6
river	5,9	6,3	3,8	1,6	1,4	1,6	1,6	1,4	1,4
Air <sup>3</sup>	0,0	0,3	0,4	0,2	0,3	0,3	0,3	0,3	0,3

<sup>1</sup> See the first footnote to Table 21.5

<sup>2</sup> See the second footnote to Table 21.1

<sup>3</sup> See the second footnote to Table 21.2

**21.7. Distribution of freight traffic, by mode of transport**

*(percent)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Transport</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	...
Land	97	97	98	98	99	99	99	99	...
rail <sup>1</sup>	44	47	52	58	53	52	51	56	...
road <sup>2</sup>	5	7	13	16	17	20	18	21	...
pipeline	48	42	33	24	29	27	30	22	...
Water	3	3	2	2	1	1	1	1	...
sea	2	2	1	1	1	1	0,5	0,5	...
river	1	1	1	0,5	0,4	0,4	0,5	0,4	...
Air <sup>3</sup>	0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	...

<sup>1</sup> See the first footnote to Table 21.5

<sup>2</sup> See the second footnote to Table 21.1

<sup>3</sup> See the second footnote to Table 21.2



TRANSPORT

**21.8. Freight shipped, by rail of general use<sup>1</sup>**

(mln.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Total shipment</b>	<b>357</b>	<b>450</b>	<b>433</b>	<b>350</b>	<b>339</b>	<b>322</b>	<b>313</b>	<b>306</b>	<b>314</b>
coal	98	120	118	73	67	65	59	49	50
coke	11	11	11	8	6	6	5	5	5
oil and oil products	27	27	31	17	14	12	12	11	12
ferrous metals (including scrap)	45	49	40	29	26	25	24	22	24
timber	3	5	5	5	4	3	1	1	1
grains, cereals and flour	6	13	13	29	37	34	40	35	34
ore	65	80	82	85	70	71	75	80	78
cement	4	9	6	6	6	6	6	6	6
chemical and mineral fertilisers	10	12	12	10	12	9	9	9	11
other freight	88	124	115	88	97	91	82	88	93

<sup>1</sup> See the first footnote to Table 21.1

**21.9. Freight shipped, by river**

(thsd.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Total shipment</b>	<b>8350</b>	<b>12869</b>	<b>6989</b>	<b>3156</b>	<b>3640</b>	<b>3698</b>	<b>3990</b>	<b>3788</b>	<b>3482</b>
By type of freight									
oil and oil products	—	27	3	—	1	0	—	3	—
coal	245	1210	618	86	163	144	53	34	40
coke	240	160	296	36	23	10	1	7	2
all kind of ores	1594	3086	2250	465	343	524	642	145	124
construction	3791	5891	3027	1174	1576	1462	1863	2074	1811
chemical and mineral fertilisers	116	206	89	166	158	188	145	204	204
timber	9	4	—	4	1	—	1	1	2
paper	4	31	6	3	—	1	2	—	7
all kind of metals	1599	795	189	481	300	382	408	308	305
machines and equipment	48	38	26	—	1	0	1	1	0
sugar	11	43	1	—	—	14	10	—	1
grains, cereals and flour	211	920	287	561	377	419	451	568	545
cotton, flax	4	—	—	—	—	—	—	—	—
freight in containers	26	—	3	1	—	—	—	—	0
other freight	452	458	194	179	697	554	413	443	441
By type of communication route									
international	4314	5828	3322	1189	1205	1240	1422	1102	1076
coastal	4036	7041	3667	1967	2435	2458	2568	2686	2406

TRANSPORT

**21.10. Freight shipped, by sea**

*(thsd.t)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Total shipment</b>	<b>6316</b>	<b>8575</b>	<b>4068</b>	<b>3292</b>	<b>2253</b>	<b>1892</b>	<b>2120</b>	<b>1812</b>	<b>1852</b>
By type of freight									
oil and oil products	344	10	249	71	32	30	30	7	20
coal	271	99	45	28	—	—	5	—	—
coke	89	37	—	6	34	23	18	3	—
all kind of ores	1038	758	206	892	272	38	58	—	3
construction	965	1812	704	110	95	71	96	188	177
chemical and mineral fertilisers	201	211	46	32	10	12	9	20	16
timber	262	259	30	7	4	6	2	—	—
paper	97	25	0	3	—	3	7	—	6
all kind of metals	1003	2038	535	1170	1063	1006	1030	1067	707
grains, cereals and flour	247	1062	656	110	204	473	587	317	571
freight in containers	733	781	92	30	8	0	—	—	—
other freight	1066	1483	1505	833	531	230	278	210	352
By type of communication routes									
international	5241	6334	2959	2046	1408	1207	1089	969	1133
coastal	1075	2241	1109	1246	845	685	1031	843	719

TRANSPORT

**21.11. Freight shipped by road, by region<sup>1</sup>**

(mln.t)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>938,9</b>	<b>1120,8</b>	<b>1168,2</b>	<b>1020,6</b>	<b>1121,7</b>	<b>1205,5</b>	<b>1147,0</b>	<b>1232,4</b>	...
Autonomous Republic of Crimea	17,0	20,1	22,4	...	...	...	...	...	...
<b>oblasts</b>									
Vinnnytsya	28,3	26,9	30,1	30,0	27,8	29,2	30,0	31,7	...
Volyn	7,6	10,3	10,1	10,6	13,0	13,4	13,1	12,4	...
Dnipropetrovsk	234,9	303,7	359,2	300,4	328,1	324,4	336,6	391,0	...
Donetsk	125,3	170,5	149,8	77,0	105,1	112,7	92,5	95,5	...
Zhytomyr	29,3	35,0	40,1	52,1	43,4	43,3	39,0	43,2	...
Zakarpattya	10,8	13,7	11,9	9,1	8,7	8,8	9,8	10,1	...
Zaporizhzhya	40,0	46,3	64,9	28,5	30,4	30,7	30,7	32,1	...
Ivano-Frankivsk	13,1	10,0	9,1	14,3	20,2	12,0	14,1	15,1	...
Kyiv	36,3	33,5	41,0	40,6	48,9	56,3	51,5	81,3	...
Kirovohrad	16,3	25,1	28,1	43,8	45,8	49,2	38,5	32,2	...
Luhansk	26,1	31,8	24,3	27,3	4,9	4,7	4,8	4,0	...
Lviv	29,6	20,3	19,5	20,6	23,2	25,8	24,4	25,0	...
Mykolayiv	13,6	30,8	21,9	19,5	20,5	21,3	20,6	20,6	...
Odesa	24,9	23,0	26,3	22,2	24,1	29,0	28,8	29,3	...
Poltava	95,3	108,9	142,1	161,4	173,0	171,8	160,1	167,1	...
Rivne	15,5	18,4	13,7	12,5	19,2	17,1	19,5	22,9	...
Sumy	19,4	13,4	10,8	11,6	12,6	12,7	12,4	14,8	...
Ternopil	13,0	9,5	9,6	13,8	16,7	18,4	16,2	18,6	...
Kharkiv	27,8	36,5	28,8	28,3	32,4	32,8	29,6	27,7	...
Kherson	13,2	11,4	13,6	10,9	13,4	14,0	15,0	11,1	...
Khmelnyskiy	25,3	24,6	21,4	27,6	32,2	33,5	30,4	37,5	...
Cherkasy	33,9	46,7	24,1	25,0	30,1	42,7	34,6	23,4	...
Chernivtsi	5,7	8,3	7,2	4,7	6,9	7,0	7,4	4,4	...
Chernihiv	13,2	15,0	12,4	10,3	11,7	11,9	12,5	13,6	...
<b>cities</b>									
Kyiv	16,4	17,8	19,0	18,5	29,4	82,8	74,9	67,8	...
Sevastopol	7,1	9,3	6,8	...	...	...	...	...	...

<sup>1</sup> See the second footnote to Table 21.1

TRANSPORT

**21.12. Road freight traffic, by region<sup>1</sup>**

*(mln.tkm)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>19281,6</b>	<b>35244,0</b>	<b>53918,4</b>	<b>53293,4</b>	<b>62296,8</b>	<b>72068,3</b>	<b>64952,9</b>	<b>65176,9</b>	...
Autonomous Republic of Crimea	489,2	737,4	895,9	...	...	...	...	...	...
<b>oblasts</b>									
Vinnycya	582,2	1034,5	1532,8	1650,9	1672,7	1783,1	1817,8	1951,2	...
Volyn	321,3	998,3	1690,5	1838,4	2401,7	2770,3	2966,5	2885,5	...
Dnipropetrovsk	1389,7	2180,6	3587,1	3641,6	4815,6	5138,0	4888,4	5302,7	...
Donetsk	1301,9	2202,4	2897,1	2238,3	2367,3	2125,6	1073,1	992,6	...
Zhytomyr	482,2	724,4	1038,1	1014,6	990,9	1117,7	1124,6	1029,2	...
Zakarpattya	423,5	1755,5	2754,3	4676,1	5285,6	5073,1	5002,1	4410,6	...
Zaporizhzhya	2838,9	2912,1	1758,7	1278,4	1522,8	1499,6	1532,0	1581,9	...
Ivano-Frankivsk	327,5	520,8	1477,4	1507,5	1690,9	1486,4	1488,3	1522,0	...
Kyiv	1103,2	2402,5	4147,4	3424,2	4191,6	6349,2	4253,8	6020,5	...
Kirovohrad	263,2	561,5	1083,1	1738,8	1470,5	1582,1	1142,1	1080,8	...
Luhansk	887,5	1697,5	2706,3	1203,6	477,2	482,5	651,4	498,8	...
Lviv	1748,8	1911,3	3878,0	4344,8	4604,1	5317,6	5150,1	5127,7	...
Mykolayiv	272,8	848,3	1393,4	1268,7	1466,5	1656,8	1785,5	1834,0	...
Odesa	623,5	1264,0	2531,0	2776,8	2886,9	3828,8	3693,5	3543,1	...
Poltava	866,2	1611,0	2776,7	3158,6	2563,0	2732,8	2326,7	2660,3	...
Rivne	434,1	939,5	1518,4	1247,7	2270,0	2154,8	2055,8	2145,5	...
Sumy	490,2	603,0	670,0	651,2	765,8	890,3	1175,1	1239,8	...
Ternopil	308,6	551,8	1034,6	1123,0	1321,9	1381,1	1229,7	1391,5	...
Kharkiv	611,0	1778,6	3156,5	2653,1	4478,3	4553,9	3783,4	3233,6	...
Kherson	282,9	638,6	1139,1	1269,1	1353,5	1371,0	1375,7	1069,5	...
Khmelnytskyi	587,3	1248,7	2044,8	2344,7	2151,3	2103,0	2049,3	1807,8	...
Cherkasy	661,3	1194,2	1675,3	2599,8	3074,6	3480,9	2270,9	1821,9	...
Chernivtsi	193,6	372,6	1026,7	1035,1	1272,3	1425,5	1561,4	845,4	...
Chernihiv	288,0	773,1	1201,2	719,4	1173,8	1272,3	1347,3	1373,2	...
<b>cities</b>									
Kyiv	1434,9	3657,8	4130,2	3889,0	6028,0	10491,9	9208,4	9807,8	...
Sevastopol	68,1	124,0	173,8	...	...	...	...	...	...

<sup>1</sup> See the second footnote to Table 21.1

TRANSPORT

**21.13. Passenger transportation by mode of transport in 1940–2021**

(mln.)

	By mode of transport							
	rail <sup>1</sup>	bus <sup>2</sup>	sea	river	air <sup>3</sup>	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

<sup>1</sup> Number of the passengers shipped according to data from the Joint-stock partnership *Ukrainian rail*. Since 2010, including passengers transported by city rail. Since 2017, the Joint-stock partnership *Ukrzaliznythya* changed the procedure for accounting the transportation of passengers by rail of suburban service who make use of benefits for free travel

<sup>2</sup> Since 1999, including automobile passenger transportation by small businesses (natural and legal persons)

<sup>3</sup> See the second footnote to Table 21.2

TRANSPORT

**21.14. Passenger transportation by mode of transport**

*(mln.)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Transport</b>	<b>7780</b>	<b>8200</b>	<b>6845</b>	<b>5167</b>	<b>4648</b>	<b>4487</b>	<b>4262</b>	<b>2570</b>	<b>2655</b>
Land	7773	8183	6831	5160	4637	4474	4247	2565	2645
rail <sup>1</sup>	499	445	427	390	165	158	155	68	81
bus <sup>2</sup>	2557	3837	3726	2250	2019	1907	1805	1084	1089
city electric transport	4717	3901	2678	2520	2453	2409	2287	1413	1475
tram	2582	1903	1204	1081	1058	1016	945	579	594
trolley-bus	1381	1111	714	739	676	666	627	423	398
subway trains	754	887	760	700	719	727	715	411	483
Water	6	13	8	1	1	1	1	0	1
sea	4	11	7	0	0	0	0	0	0
river	2	2	1	1	1	1	1	0	1
Air <sup>3</sup>	1	4	6	6	10	12	14	5	9

<sup>1</sup> See the first footnote to Table 21.13

<sup>2</sup> See the second footnote to Table 21.13

<sup>3</sup> See the second footnote to Table 21.2

In 2021, automobile transportation of passengers by small businesses amounted 290 mln. passengers.

**21.15. Indices of the number of passengers transported by mode of transport**

*(percent of the previous year)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Transport</b>	<b>98</b>	<b>103</b>	<b>94</b>	<b>88</b>	<b>100</b>	<b>97</b>	<b>95</b>	<b>60</b>	<b>103</b>
Land	98	103	94	88	100	96	95	60	103
rail <sup>1</sup>	102	99	100	100	98	96	98	44	119
bus <sup>2</sup>	102	103	93	77	99,7	94	95	60	101
city electric transport	96	102	95	97	101	98	95	62	104
tram	94	103	94	99	102	96	93	61	103
trolley-bus	95	100	91	96	97	99	94	67	94
subway trains	104	105	101	96	103	101	98	58	117
Water	111	115	99	97	124	113	101	46	151
sea	122	117	107	87	94	251	110	66	201
river	95	105	65	97	126	106	100	43	141
Air <sup>3</sup>	107	118	119	97	128	119	109	35	195

<sup>1</sup> See the first footnote to Table 21.13. To make the correct comparisons of data for 2016 and 2017, data for 2016 have been re-calculated according to the procedure for accounting the transportation of passengers by rail of suburban service who enjoy the benefits for free travel

<sup>2</sup> See the second footnote to Table 21.13

<sup>3</sup> See the second footnote to Table 21.2

TRANSPORT

**21.16. Passenger traffic in 1940–2021, by mode of transport  
(excluding urban electric transport)**

*(bln. passenger.km)*

	Total	By mode of transport				
		rail <sup>1</sup>	bus <sup>2</sup>	sea	river	air <sup>3</sup>
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

<sup>1</sup> See the first footnote to Table 21.13

<sup>2</sup> See the second footnote to Table 21.13

<sup>3</sup> See the second footnote to Table 21.2

TRANSPORT

**21.17. Passenger turnover by mode of transport**

*(bln. passenger.km)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Transport</b>	<b>113,1</b>	<b>135,8</b>	<b>130,0</b>	<b>97,0</b>	<b>99,4</b>	<b>104,4</b>	<b>107,2</b>	<b>49,0</b>	<b>62,7</b>
Land	111,3	129,6	118,9	85,6	79,0	78,5	76,9	38,9	44,0
rail <sup>1</sup>	51,8	52,7	50,2	35,4	28,1	28,7	28,4	10,7	15,7
bus <sup>2</sup>	28,8	52,5	52,0	34,6	35,5	34,6	33,9	19,1	18,8
city electric transport									
tram	30,7	24,4	16,7	15,7	15,4	15,2	14,6	9,1	9,5
trolley-bus	16,8	11,2	6,9	6,1	6,0	5,8	5,4	3,5	3,5
subway trains	9,0	6,5	4,0	4,2	3,9	3,9	3,7	2,5	2,4
river	4,9	6,7	5,8	5,4	5,5	5,5	5,5	3,1	3,6
Water	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0
sea	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0
river	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Air <sup>3</sup>	1,7	6,1	11,0	11,4	20,4	25,9	30,3	10,1	18,7

<sup>1</sup> See the first footnote to Table 21.13

<sup>2</sup> See the second footnote to Table 21.13

<sup>3</sup> See the second footnote to Table 21.2

**21.18. Passenger transportation by type of traffic by selected mode of transport**

*(mln.)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Intercity transportation</b>	<b>154</b>	<b>226</b>	<b>227</b>	<b>170</b>	<b>182</b>	<b>181</b>	<b>184</b>	<b>91</b>	<b>97</b>
rail (long distance) <sup>1</sup>	45	60	62	40	46	47	46	16	26
sea (including commuter)	4	11	7	0	0	0	0	0	0
air <sup>2</sup>	1	4	6	6	10	12	14	5	9
bus (including international connection) <sup>3</sup>	97	144	148	124	126	122	124	70	62
trolley-bus	7	7	4	...	...	...	...	...	...
<b>Intracity transportation</b>	<b>6452</b>	<b>6860</b>	<b>5597</b>	<b>4186</b>	<b>3954</b>	<b>3845</b>	<b>3655</b>	<b>2237</b>	<b>2314</b>
bus <sup>3</sup>	1742	2966	2923	1666	1501	1436	1368	824	839
city electric transport									
trolley-bus	2575	1896	1200	1081	1058	1016	945	579	594
tram	1381	1111	714	739	676	666	627	423	398
subway trains	754	887	760	700	719	727	715	411	483
<b>Commuter transportation</b>	<b>1174</b>	<b>1114</b>	<b>1021</b>	<b>811</b>	<b>512</b>	<b>461</b>	<b>423</b>	<b>242</b>	<b>244</b>
rail <sup>4</sup>	454	385	365	350	119	111	109	52	56
river	2	2	1	1	1	1	1	0	0
bus <sup>3</sup>	718	727	655	460	392	349	313	190	188

<sup>1</sup> See the first footnote to Table 21.5

<sup>2</sup> See the second footnote to Table 21.2

<sup>3</sup> See the second footnote to Table 21.13

<sup>4</sup> See the first footnote to Table 21.13



TRANSPORT

**21.19. Rolling stock, by mode of transport and purpose**

*(end of year; units)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
<b>Rail transport<sup>1</sup></b>									
diesel locomotive <sup>2</sup>	2741	2572	2539	2151	1924	1944	1986	1982	1970
electric locomotives <sup>2</sup>	1796	1797	1861	1720	1627	1627	1628	1596	1595
steam locomotives <sup>2</sup>	140	66	51	24	23	22	22	22	22
freight stock <sup>3</sup> , thsd.	185,7	150,3	120,6	107,9 <sup>4</sup>	104,1 <sup>4</sup>	106,4 <sup>4</sup>	105,8 <sup>4</sup>	105,9 <sup>4</sup>	104,6 <sup>4</sup>
passenger stock <sup>5</sup> , thsd.	9,0	7,9	7,3	5,2	4,5	4,3	4,0	3,8	3,7
<b>River boats<sup>6</sup></b>	<b>2025</b>	<b>1962</b>	<b>2064</b>	<b>1321</b>	<b>1401</b>	x	x	x	x
<b>Sea crafts<sup>6</sup></b>	<b>878</b>	<b>1177</b>	<b>1084</b>	<b>2485</b>	<b>3334</b>	x	x	x	x
<b>Electric transport</b>									
trolley-bus	5313	4554	3710	2792	2730	2670	2744	2980	2983
tram-cars	3459	2905	2522	1961	1971	1967	1933	1922	1937
transit vehicles	925	993	1119	1195	1192	1192	1192	1192	1192
<b>Airplanes and helicopters</b>	<b>954</b>	<b>659</b>	<b>395</b>	<b>196</b>	<b>200</b>	<b>205</b>	<b>205</b>	<b>155</b>	<b>155</b>

<sup>1</sup> See the first footnote to Table 21.5

<sup>2</sup> Since 2014, excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol, since 2017 also excluding a part of the temporarily occupied territories in the Donetsk and Luhansk regions

<sup>3</sup> The inventory number of the joint-stock company *Ukrainian rail* freight wagons, since 2012 including the number of the own wagons that belong to enterprises directly subordinated to the joint-stock company *Ukrainian rail*

<sup>4</sup> Taking into account the temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and a part of the temporarily occupied territories in the Donetsk and Luhansk regions

<sup>5</sup> Since 2014, excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol, since 2016 also excluding a part of the temporarily occupied territories in the Donetsk and Luhansk regions

<sup>6</sup> Vessels of enterprises functioning in all economic industries, since 2005 include vessels which are not fit for service. Data on the availability of river and sea transport for 2010 – data for 2008, for 2014/2015 – river transport according to data from the *State Inspection of Ukraine on safety in maritime and river transport*, sea transport – according to data from the *State Inspection of Ukraine on safety in maritime and river transport* and the *State Agency for Fisheries of Ukraine*, for 2016/2017 – river transport according to data from the *State Service of Ukraine on Transport Safety*, sea transport according to data from the *State Service of Ukraine on Transport Safety* and the *State Agency for Fisheries of Ukraine*

According to data from the State Service of Sea and River Transport of Ukraine, at the end of 2021 the State Vessels Register of Ukraine registered 714 vessels are sea vessels, 1358 vessels are river vessels, 288 vessels are vessels of combine navigation area, 10716 vessels are leisure boats with the engine turning up to 75 horsepower and more. At the end of 2021 in Ukraine's Vessel Book, over 112,9 thsd. leisure boats with engine turning up to 75 horsepower are registered.

TRANSPORT

ROADS

**21.20. Length of transport network in 1940–2021**

(thsd.km)

	Operational length of public railroads <sup>1</sup>		Operational length of public navigable river routes <sup>2</sup>		Operational length of public automobile roads <sup>3</sup>	
	total	including electrified tracks	total	including those with illuminant and light-reflecting road signs <sup>4</sup>	total	including with hard coating
1940	20,1	0,2	3,2	2,8	270,7	29,3
1950	20,2	0,2	4,8	2,3	275,0	33,5
1955	20,4	0,3	5,4	2,3	268,2	37,6
1960	21,1	1,5	4,8	3,0	236,2	47,4
1965	21,7	3,6	4,9	2,9	236,1	67,2
1970	22,1	5,3	4,8	4,0	223,5	90,8
1975	22,3	6,6	4,5	3,9	173,8	116,7
1980	22,6	7,1	4,9	4,3	163,2	133,7
1985	22,7	7,6	4,9	4,3	162,3	145,2
1990	22,8	8,1	4,0	3,6	167,8	157,2
1995	22,8	8,5	3,7	1,7	172,3	163,3
2000	22,3	9,1	2,4	0,5	169,5	163,8
2005	22,0	9,4	2,2	1,1	169,3	165,0
2010	21,7	9,9	2,2	1,1	169,5	165,8
2015	21,0	10,0	1,6	0,7	163,0	159,4
2016	21,0	10,0	1,6	0,7	163,0	159,5
2017	19,8	9,3	2,1	0,7	163,1	159,6
2018	19,8	9,3	1,9	0,7	161,9	158,5
2019	19,8	9,3	1,9	0,7	161,9	158,4
2020	19,8	9,3	1,9	0,7	162,2	158,7
2021	19,7	9,3	1,9	0,7	161,8	158,4

<sup>1</sup> See the first footnote to Table 21.5 and second footnote to Table 21.19

<sup>2</sup> For 2011–2016, according to data from the state enterprise *Ukrainian Water Ways* and the *State Hydrographic Service of Ukraine*, since 2017 – according to data from the *State Hydrographic Service of Ukraine*

<sup>3</sup> According to data from the *State Highway Service of Ukraine*(Ukravtodor), since 2014 – excluding the temporarily occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol. Since 2018, according to data from the Ukravtodor and regional state administrations, also excluding the temporarily occupied territories of the Luhansk region with regard to local highways

<sup>4</sup> Prior to 1980, with illuminant signs; since 1985, with illuminant and light-reflecting road signs

TRANSPORT

**21.21. Operational length of transport network**

*(thsd.km)*

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Public railroads <sup>1</sup>	22,3	22,0	21,7	21,0	19,8	19,8	19,8	19,8	19,7
Public navigable river routes <sup>2</sup>	2,4	2,2	2,2	1,6	2,1	1,9	1,9	1,9	1,9
Public automobile roads <sup>3</sup>	169,5	169,3	169,5	163,0	163,1	161,9	161,9	162,2	161,8
including with hard coating	163,8	165,0	165,8	159,4	159,6	158,5	158,4	158,7	158,4
Trolley-bus routes (single-track)	4,3	4,4	4,4	3,3	3,4	3,4	3,4	3,4	3,4
Tram routes (single-track railroads)	2,1	2,1	2,0	1,6	1,6	1,5	1,5	1,5	1,5
Subways (double-track railroads), km	91,7	101,5	108,4	112,3	113,4	113,4	113,4	113,4	113,4

<sup>1</sup> See the first footnote to Table 21.20

<sup>2</sup> See the second footnote to Table 21.20

<sup>3</sup> See the third footnote to Table 21.20

TRANSPORT

**21.22. Average distance of freight transport, by mode**

(km)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Rail <sup>1</sup>	484	497	504	557	565	578	581	575	574
Sea	1362	1120	1271	1173	1264	963	837	830	859
River	706	491	549	498	391	417	406	362	390
Road	21	31	46	52	56	60	57	53	...
Pipeline	859	932	895	830	918	907	928	711	763

<sup>1</sup> See the first footnote to Table 21.5

**21.23. Average distance of passenger transport, by mode**

(km)

	2000	2005	2010	2015	2017	2018	2019	2020	2021
Rail <sup>1</sup>	104	118	118	91	170	182	184	157	193
Sea	15	6	8	559	377	29	17	13	13
River	12	24	42	15	35	43	41	13	12
Air	1489	1608	1794	1803	1928	2066	2206	2107	2004
Bus	11	14	14	15	18	18	19	18	17
City electric transport									
trolley-bus	7	6	6	6	6	6	6	6	6
tram	7	6	6	6	6	6	6	6	6
subway trains	7	8	8	8	8	8	8	8	8

<sup>1</sup> See the first footnote to Table 21.13

## 22. FOREIGN ECONOMIC ACTIVITY

Statistics of **foreign trade in goods** are compiled on the basis of the information of the State Customs Service of Ukraine adjusted for the total amount of oil and natural gas, fish caught in international waters and goods purchased in foreign ports. The data on exports in goods are recorded by country of destination whereas the data on imports by country of origin.

**Country of destination** refers to the country identified at the moment of loading as the final country to which goods are to be delivered.

The country where goods were produced or processed is considered the **country of origin**.

The goods are valued in national currency. Conversions into USD are made according to the date the customs

declaration was completed and the official exchange rate of the National Bank of Ukraine (NBU) fixed for that particular date. According to enterprise reports, conversions into the USD are made according to the monthly and quarterly average exchange rates.

Statistical information about **foreign trade in services** is compiled using data from enterprises-legal persons, permanent missions of non-residents to Ukraine, central and local bodies of executive power, chief controllers of the state and local budgets who effected exports/imports operations of services.

Services are valued using the contract currency. Conversions into USD and national currency are made using the official average quarterly exchange rate set on the basis of the NBU daily exchange rates.

### 22.1. Foreign trade in goods, by country

(mln. USD)

	Exports					Imports				
	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
<b>Total</b>	<b>34228,4</b>	<b>51405,2</b>	<b>38127,1</b>	<b>49191,8</b>	<b>68072,3</b>	<b>36136,3</b>	<b>60742,2</b>	<b>37516,4</b>	<b>54336,1</b>	<b>72843,1</b>
including										
Australia	9,6	23,6	10,7	42,3	60,9	85,3	246,6	159,3	25,7	154,4
Austria	317,3	508,0	347,2	580,0	915,2	458,4	697,6	369,6	559,7	860,1
Azerbaijan	290,5	610,8	318,8	346,8	394,9	27,8	951,2	30,3	318,5	687,4
Algeria	617,2	159,3	205,6	357,3	452,7	4,9	4,9	17,1	7,2	109,1
Bangladesh	18,4	112,7	207,0	358,2	311,3	2,1	17,8	54,0	97,7	124,1
Belgium	197,6	356,9	296,8	560,9	659,0	314,0	588,3	366,8	526,4	752,3
belarus	891,1	1899,2	870,7	1335,3	1479,6	939,8	2567,6	2449,1	2874,5	4823,0
Bulgaria	543,0	450,6	419,5	511,5	835,3	108,7	218,0	253,1	289,9	542,3

## FOREIGN ECONOMIC ACTIVITY

Table 22.1 continued

	Exports					Imports				
	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
Brazil	110,0	359,9	33,5	64,3	181,3	312,5	459,7	166,1	266,8	384,5
Viet Nam	145,3	136,7	87,0	184,3	276,8	41,3	117,6	252,0	460,5	574,5
Armenia	97,3	201,3	101,6	112,2	135,2	13,2	17,9	7,4	17,6	26,0
Ghana	24,4	57,5	37,5	81,5	171,6	55,5	209,4	104,2	133,6	128,4
Guinea	10,0	13,6	13,3	15,5	17,8	115,9	106,1	114,1	144,2	140,4
Hong Kong, Special administrative region of China	5,0	26,3	15,4	71,0	84,0	10,3	30,6	12,2	83,5	36,0
Greece	137,4	164,0	153,8	178,8	212,8	67,7	104,1	238,6	317,0	495,6
Georgia	199,5	527,5	402,7	366,4	436,1	41,0	136,1	61,8	135,4	204,9
Denmark	106,7	124,5	144,7	216,9	285,8	176,0	240,5	147,6	220,9	305,3
Ecuador	34,3	11,8	1,8	6,7	4,3	66,3	161,2	119,4	120,5	156,6
Estonia	125,1	106,3	66,2	109,7	168,6	102,6	123,4	77,5	177,6	169,8
Ethiopia	39,7	65,9	138,0	140,1	278,5	0,1	1,0	1,4	4,4	7,3
Egypt	798,8	1328,0	2079,8	1617,8	1944,6	37,1	84,2	55,6	80,9	149,1
Israel	290,7	467,6	597,1	563,5	730,9	63,0	91,5	169,9	171,0	225,1
India	736,9	1426,0	1444,1	1972,1	2494,4	321,3	680,7	443,7	721,9	961,4
Indonesia	216,4	352,6	185,9	735,6	809,9	124,0	408,6	168,8	278,0	431,9
Iraq	77,6	345,0	472,5	597,6	694,3	0,2	0,5	0,0	0,3	0,1
Iran (Islamic Republic of)	576,9	1030,7	533,6	258,8	624,9	18,2	49,9	30,5	48,2	98,8
Ireland	6,7	4,5	59,2	94,4	97,9	45,2	112,1	75,4	209,3	231,5
Spain	573,5	411,7	1043,6	1250,2	1677,2	233,5	468,6	440,8	735,1	975,9
Italy	1892,6	2412,4	1979,8	1928,9	3469,3	1030,2	1390,3	976,3	2128,7	2675,5
Jordan	182,1	518,5	135,8	181,1	207,9	10,8	21,1	4,8	6,1	8,0
Kazakhstan	667,1	1300,4	712,7	336,1	438,4	186,4	766,2	377,6	424,4	846,6
Canada	90,1	73,3	30,2	81,3	160,1	87,0	160,2	206,3	201,4	260,6
China	711,1	1316,6	2399,1	7099,9	8003,6	1810,5	4700,4	3771,0	8318,4	10981,7
Colombia	31,4	16,1	23,0	29,7	226,5	7,8	13,4	25,6	51,3	85,9
Cote d'Ivoire	12,1	44,6	23,8	42,4	99,3	40,9	135,4	39,6	71,5	82,8
Latvia	311,4	180,2	150,3	229,4	288,6	64,5	88,1	87,1	159,0	210,3
Lithuania	209,3	264,4	236,3	431,4	576,9	200,0	637,5	552,6	813,4	1290,9
Lebanon	102,4	1031,9	300,1	327,3	389,1	2,0	4,2	1,3	4,3	4,6
Libya	63,6	201,5	182,7	327,8	468,0	1,1	0,3	0,0	42,0	181,5
Malaysia	26,1	96,9	159,6	181,1	132,4	161,6	171,0	132,1	235,0	272,6

## FOREIGN ECONOMIC ACTIVITY

Table 22.1 continued

	Exports					Imports				
	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
Morocco	128,4	103,5	212,5	373,0	482,8	5,1	9,2	28,5	91,9	124,5
Mexico	116,9	200,1	118,2	69,5	218,3	8,5	63,4	61,7	221,8	302,7
Nigeria	212,3	245,3	120,9	69,3	188,4	1,9	13,6	2,3	3,5	8,3
Netherlands	515,3	563,2	905,7	1802,2	2262,5	464,1	837,9	452,6	750,8	1012,6
Germany	1285,2	1499,5	1328,7	2071,7	2866,4	3383,8	4605,3	3975,6	5339,7	6284,4
Norway	46,9	84,1	12,8	27,0	40,8	128,3	261,3	741,7	288,6	387,9
United Arab Emirates	345,2	275,2	301,8	439,1	530,8	10,4	50,9	57,6	61,0	85,5
Poland	1010,4	1787,2	1977,3	3272,7	5227,4	1405,9	2788,8	2324,0	4140,9	4962,5
Portugal	19,9	121,8	320,5	234,0	341,2	27,9	51,5	45,2	68,2	88,8
Korea, Republic of	202,2	498,0	395,4	351,5	299,9	648,5	786,0	256,4	497,5	694,5
Moldova, Republic of	678,6	713,5	524,3	679,6	864,2	84,2	73,6	41,2	74,1	112,5
russian federation	7490,1	13428,1	4827,7	2706,0	3414,1	12842,5	22198,0	7492,7	4541,8	6083,5
Romania	488,8	705,8	569,9	1081,0	1543,4	211,8	682,2	318,2	682,4	796,4
Saudi Arabia	386,5	644,5	761,6	719,0	768,6	3,0	37,4	145,0	101,9	188,5
Serbia	—	199,0	105,9	136,6	215,0	—	75,7	83,3	165,2	195,1
Slovakia	507,7	568,2	468,5	446,8	999,3	304,0	442,6	346,3	1143,4	923,2
Slovenia	32,5	11,6	16,3	40,3	75,5	125,0	212,6	128,9	253,4	287,8
United Kingdom of Great Britain and Northern Ireland	358,2	506,5	367,9	666,9	1083,2	502,7	821,0	570,1	734,2	1115,2
USA	956,5	807,3	481,8	983,9	1610,5	710,0	1766,8	1480,7	3068,7	3333,3
Thailand	141,8	432,6	334,9	164,5	224,9	58,0	162,8	120,6	194,1	252,5
Taiwan, Province of China	134,5	80,0	41,5	43,3	107,1	96,7	141,2	141,3	234,8	293,1
Tunisia	183,7	232,0	333,5	414,8	407,4	0,6	3,6	8,5	12,9	41,5
Turkey	2026,7	3024,0	2771,8	2436,3	4142,6	607,7	1298,3	851,7	2418,8	3260,3
Turkmenistan	187,2	208,9	170,3	56,0	52,7	2678,1	31,4	16,3	29,5	92,3
Hungary	688,8	860,1	909,7	1263,8	1622,1	647,7	1214,6	1608,5	1399,5	1571,0
Uzbekistan	150,6	228,5	174,5	295,5	429,3	205,3	81,7	62,3	137,0	273,4
Philippines	132,6	31,6	107,4	169,9	117,3	5,6	23,0	17,4	49,1	64,7
Finland	28,7	34,1	48,0	54,5	110,8	351,1	429,8	223,0	249,2	306,1
France	199,9	476,9	497,9	592,4	896,5	798,9	1106,7	892,8	1467,7	1764,9
Czechia	376,9	626,2	541,0	826,3	1414,6	594,0	747,9	479,7	961,7	1480,8
Switzerland	395,8	472,2	123,2	142,7	177,6	252,5	508,2	457,7	876,0	2496,8
Sweden	41,6	77,8	60,6	72,5	107,6	547,4	358,8	273,5	428,1	724,6
Japan	82,0	104,8	235,6	181,7	347,2	548,2	801,7	382,2	1076,5	1227,3

## FOREIGN ECONOMIC ACTIVITY

**22.2. Exports/imports of goods in 2021, by region**

	Exports			Imports		
	number of enterprises	value, mln. USD	percentage of total	number of enterprises	value, mln. USD	percentage of total
<b>Ukraine</b>	<b>17002</b>	<b>68072,3</b>	<b>100,0</b>	<b>33501</b>	<b>72843,1<sup>1</sup></b>	<b>100,0</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnnytsya	507	1309,3	1,9	634	699,1	1,0
Volyn	411	832,5	1,2	810	1814,4	2,5
Dnipropetrovsk	1233	12163,8	17,9	2707	5872,3	8,1
Donetsk	273	7037,6	10,3	554	1892,1	2,6
Zhytomyr	588	771,5	1,1	517	689,1	0,9
Zakarpattia	466	1684,8	2,5	680	1696,9	2,3
Zaporizhzhya	614	4741,0	7,0	858	2046,7	2,8
Ivano-Frankivsk	376	1165,2	1,7	531	995,7	1,4
Kyiv	1036	2550,5	3,7	2149	5593,4	7,7
Kirovohrad	311	1021,5	1,5	316	292,3	0,4
Luhansk	71	167,9	0,2	112	264,2	0,4
Lviv	1108	2932,5	4,3	2763	4755,3	6,5
Mykolayiv	367	3457,1	5,1	407	1194,0	1,6
Odesa	945	1697,8	2,5	1854	2311,1	3,2
Poltava	387	3189,5	4,7	580	1879,8	2,6
Rivne	387	703,9	1,0	525	577,0	0,8
Sumy	363	1060,9	1,6	330	857,4	1,2
Ternopil	204	678,9	1,0	427	530,3	0,7
Kharkiv	1339	1801,3	2,6	2372	2401,3	3,3
Kherson	274	412,8	0,6	314	267,1	0,4
Khmelnyskiy	325	918,1	1,3	497	628,6	0,9
Cherkasy	422	884,1	1,3	538	1053,9	1,4
Chernivtsi	250	207,3	0,3	330	194,5	0,3
Chernihiv	456	1189,7	1,7	382	483,5	0,7
<b>cities</b>						
Kyiv	4281	15331,0	22,5	12297	31039,0	42,6
Sevastopol	...	...	...	...	...	...

<sup>1</sup> Including crude natural gas non-distributed by region



## FOREIGN ECONOMIC ACTIVITY

**22.3. Commodity structure of foreign trade in 2021**

	Exports		Imports	
	mln. USD	percentage of total	mln. USD	percentage of total
<b>Total</b>	<b>68072,3</b>	<b>100,0</b>	<b>72843,1</b>	<b>100,0</b>
including				
by UCCFT <sup>1</sup> category				
livestock and products of cattle farming	1345,2	2,0	1594,0	2,2
products of plant-growing industry	15538,0	22,8	2130,5	2,9
animal and vegetable oils and fats	7037,2	10,3	444,0	0,6
finished foodstuffs	3788,5	5,6	3578,4	4,9
mineral products	8414,4	12,4	14968,8	20,5
products of chemical industry and other industries related to chemical	2815,6	4,1	9743,0	13,4
polymeric materials, plastic and similar	1104,2	1,6	4816,7	6,6
raw leather, cleansed leather	165,5	0,2	300,2	0,4
wood and wood products	2005,8	2,9	442,1	0,6
wood mass or mass of other fibrous cellulosic materials	534,0	0,8	1112,4	1,5
textiles and textile products	865,0	1,3	2661,5	3,7
footwear, head-dress and umbrellas	189,9	0,3	576,3	0,8
articles of stone, plaster, cement	568,4	0,8	944,3	1,3
natural or cultured pearls, precious or semiprecious stones	128,5	0,2	219,2	0,3
non-precious metals and articles thereof	15991,0	23,5	4372,5	6,0
machines, equipment and machinery; electrotechnical equipment	5260,2	7,7	14206,0	19,5
vehicles for land transport, flying devices, floating crafts	676,4	1,0	7572,4	10,4
optical and photographic devices and instruments	171,0	0,3	1519,8	2,1
miscellaneous manufactured goods	1250,0	1,8	1343,3	1,8
art products	2,7	0,0	6,6	0,0
goods purchased at ports	1,7	0,0	126,2	0,2

<sup>1</sup> The Ukrainian Classification of Commodities in Foreign Trade

## FOREIGN ECONOMIC ACTIVITY

**22.4. Exports/imports of goods for processing, by country***(thsd. USD)*

	Exports					Imports				
	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
<b>Total</b>	<b>38662,6</b>	<b>60718,0</b>	<b>67183,7</b>	<b>86290,8</b>	<b>95174,4</b>	<b>1713405,1</b>	<b>3151515,8</b>	<b>2366554,0</b>	<b>2863715,3</b>	<b>3565673,5</b>
including										
Australia	—	—	—	—	—	13,6	84,3	1348,0	231,2	38782,1
Austria	2295,7	—	—	—	1,3	42202,2	59212,0	38089,3	46728,1	57396,9
Bangladesh	—	—	—	—	—	1,6	1381,4	2482,8	1147,4	1133,9
Belgium	398,4	1418,3	—	—	—	37283,7	39264,4	22678,4	20987,0	21042,5
belarus	—	205,2	111,5	79,6	657,4	8763,9	2252,0	1305,6	13584,9	48175,9
Bulgaria	71,9	—	—	—	4,8	808,4	859,4	1309,3	4040,3	148487,8
Brazil	—	—	—	—	—	24606,0	20635,1	15050,8	34519,0	51785,1
Viet Nam	—	—	—	—	—	446,5	762,2	557,8	2950,1	3590,0
Guyana	—	—	—	—	—	5144,6	—	—	32288,0	40189,2
Guatemala	—	—	—	—	—	179,3	—	86364,6	53113,3	58962,0
Guinea	—	—	—	—	—	4,4	70012,1	110635,6	141620,7	135911,0
Hong Kong, Special administrative region of China	—	—	—	—	—	2449,6	4904,6	1625,5	2579,0	4760,5
Greece	—	1476,4	—	—	—	58,2	226,1	766,4	1625,5	179,5
Denmark	—	—	—	32,5	—	29110,5	9836,4	26155,1	32343,6	37365,5
Estonia	—	—	—	—	—	119,7	6061,9	1133,8	1488,6	3910,1
Israel	—	—	—	—	—	9473,8	1079,6	2525,1	2406,1	6141,5
India	—	—	—	—	—	2356,7	4789,2	12885,0	8734,2	12084,0
Indonesia	—	—	—	—	—	17280,6	81066,7	3712,6	30575,1	10891,1
Ireland	—	—	—	—	—	263,6	1888,9	531,7	177,4	148,8
Spain	—	—	—	3,1	30,0	9154,3	13419,5	16618,4	13434,9	17611,1
Italy	—	1447,6	649,4	1869,3	4169,7	150405,9	156062,8	146277,1	138933,5	171979,4
Kazakhstan	—	—	—	—	—	966,6	16436,1	304,3	15592,7	9530,8
Canada	0,5	—	4,7	—	—	689,9	1318,6	672,3	791,6	956,1
China	—	242,5	38,5	29,4	—	20650,2	35539,9	167474,8	325987,2	505388,5
Latvia	—	—	—	—	—	10307,5	24136,4	9244,7	6457,7	14385,6
Lithuania	—	—	61,0	—	18,3	14143,8	7041,4	6576,8	4336,7	10026,5
Luxembourg	—	—	—	—	—	4227,0	995,4	595,1	514,0	701,8
Malaysia	—	—	—	—	—	17327,8	1319,5	15340,3	18433,0	24631,7
Morocco	—	—	—	—	—	0,8	659,4	3604,0	7082,9	6578,8
Mexico	—	—	—	—	—	33,7	2771,8	6429,4	5915,2	6601,3
Netherlands	—	270,5	—	—	—	19901,4	35758,3	35548,2	25256,4	32826,4
Germany	27871,8	20201,8	8342,5	20275,7	25645,4	272737,0	361692,6	384740,2	357443,7	354643,0

## FOREIGN ECONOMIC ACTIVITY

Table 22.4 continued

	Exports					Imports				
	2005	2010	2015	2020	2021	2005	2010	2015	2020	2021
Norway	—	—	—	3026,2	5827,9	837,9	6049,2	3001,8	8526,5	11468,0
Pakistan	—	—	—	—	—	965,4	1007,1	1893,6	2136,2	1995,0
South Africa	—	—	—	—	—	40,4	16,2	7085,9	29670,9	31455,3
Poland	45,0	838,7	50,4	618,5	613,3	56678,6	143737,4	304358,2	325297,1	338647,1
Portugal	—	—	0,6	—	—	6210,4	12775,5	12303,1	11263,9	14073,7
Korea, Republic of	—	89,2	—	—	—	4013,5	14744,4	23710,9	13810,0	20572,0
Moldova, Republic of	38,7	153,8	128,2	—	—	514,4	775,1	1052,9	11371,4	22203,3
russian federation	4579,7	4494,3	39,7	7,6	—	558509,5	1394055,1	72266,4	191820,1	65874,1
Romania	—	—	178,5	93,7	0,6	6098,7	30679,8	28224,9	136796,6	143438,3
Singapore	—	—	—	—	—	1692,6	2671,2	4268,5	3434,1	3346,3
Slovakia	—	—	—	10,5	223,4	18551,5	11610,6	15095,8	16580,0	28590,7
Slovenia	—	—	497,3	1,4	—	413,9	1932,1	3471,6	3178,4	3126,8
United Kingdom of Great Britain and Northern Ireland	3278,8	6169,8	3018,0	—	—	32871,1	18819,9	17391,1	16673,6	11450,8
USA	7,8	—	160,6	118,3	90,7	26413,1	43350,0	33426,5	36122,8	38712,5
Thailand	—	—	—	—	—	1443,4	1495,6	14216,2	9869,5	17683,6
Taiwan, Province of China	—	—	4,9	—	—	10743,9	7485,1	30486,6	47589,5	58602,2
Tunisia	—	123,1	—	—	—	12,7	578,9	4150,4	3597,6	29261,0
Turkey	—	—	179,3	31,0	61,2	9955,4	42826,0	36321,5	47093,9	71412,5
Hungary	—	479,7	207,3	—	—	104794,0	204685,0	283883,0	333483,0	346297,2
Uzbekistan	—	345,0	—	—	—	376,8	2070,8	—	693,3	793,3
Uruguay	—	—	—	—	—	1000,3	29,4	3620,6	795,1	618,9
Philippines	—	—	—	—	—	168,7	807,7	4277,3	12654,2	18734,3
Finland	—	683,9	101,0	288,0	344,5	19983,1	45472,4	17448,9	16716,6	11565,2
France	—	131,1	—	—	35,5	50859,5	35563,3	35333,2	34145,1	34952,3
Croatia	—	—	—	—	—	—	596,2	15,2	356,8	323,6
Czechia	74,2	883,2	20,5	—	40,1	20594,7	46726,4	87020,5	73590,0	154708,4
Switzerland	—	20832,7	52754,6	59412,3	57410,3	5261,6	22896,0	24141,0	56750,8	66967,1
Sweden	—	—	19,2	393,7	—	13704,3	45024,2	44838,4	6945,1	7958,6
Japan	—	—	—	—	—	7157,5	8388,0	23820,2	23019,4	27366,3

FOREIGN ECONOMIC ACTIVITY

**22.5. Foreign trade in services, by country**

(mln. USD)

	Exports					Imports				
	2005 <sup>1</sup>	2010 <sup>1</sup>	2015	2020	2021	2005 <sup>1</sup>	2010 <sup>1</sup>	2015	2020	2021
<b>Total</b>	<b>6443,2</b>	<b>12324,2</b>	<b>9736,6</b>	<b>11547,2</b>	<b>12785,6</b>	<b>2941,8</b>	<b>5467,2</b>	<b>5523,0</b>	<b>5876,5</b>	<b>7976,5</b>
including										
Australia	0,9	3,1	2,1	9,4	20,7	1,0	0,9	0,9	2,9	3,2
Austria	94,9	182,8	145,5	177,9	253,5	127,5	144,0	93,1	112,5	116,7
Azerbaijan	10,7	25,3	31,3	23,6	37,2	5,5	13,1	10,2	27,9	22,3
Algeria	145,5	239,4	52,6	109,5	139,1	28,7	63,9	49,4	153,1	182,5
Bahamas	47,3	131,8	77,1	114,9	116,7	23,8	63,3	80,9	100,5	110,3
Belgium	32,3	30,1	43,6	48,2	66,5	10,4	17,5	19,2	27,0	70,9
belarus	69,5	203,2	175,5	156,6	100,8	38,0	92,0	42,2	7,1	4,6
Bulgaria	5,6	12,8	11,9	4,8	8,0	2,2	6,6	3,9	2,4	7,3
British Virgin Islands	4,3	17,9	31,2	63,7	91,1	72,9	7,5	14,7	4,4	11,7
Hong Kong, Special administrative region of China	69,2	80,7	30,3	12,2	12,2	12,5	23,9	24,4	10,5	47,8
Greece	33,7	54,1	39,1	35,3	46,8	11,4	17,7	11,8	33,9	53,3
Georgia	48,6	87,2	112,4	194,5	238,5	13,3	17,5	32,2	80,0	84,1
Denmark	12,9	114,0	114,6	203,0	150,8	8,5	12,1	30,0	46,3	65,5
Estonia	14,1	48,5	43,6	34,5	86,8	18,0	32,2	26,4	72,8	172,7
Egypt	40,9	64,5	144,5	215,1	294,7	18,8	28,7	24,2	33,9	42,5
Israel	17,1	31,2	45,6	96,7	148,1	3,2	4,7	13,1	9,1	8,6
India	8,9	48,4	26,9	119,4	124,6	1,1	10,2	49,5	262,4	376,6
Iraq	20,1	30,2	27,6	49,0	57,4	16,4	17,3	29,9	36,1	39,2
Ireland	74,1	127,2	133,3	88,4	106,4	19,5	35,2	34,8	40,9	44,5
Spain	21,4	83,7	65,7	31,9	52,5	8,9	22,1	14,0	23,3	28,2
Italy	39,6	101,9	71,0	106,1	120,9	25,8	38,5	43,8	55,8	22,2
Kazakhstan	0,2	0,0	0,0	5,0	6,9	0,0	0,0	0,8	2,0	6,9
Canada	24,0	73,9	40,6	124,3	95,7	7,7	17,5	128,4	197,2	284,3
China	242,4	418,7	251,2	408,6	386,1	213,5	817,6	287,7	238,6	361,7
Cyprus	39,8	31,7	75,7	44,5	54,9	13,0	32,0	36,0	42,8	71,5
Latvia	12,6	36,8	33,7	56,8	66,9	6,7	16,2	14,5	38,8	77,4
Lithuania	14,6	42,8	23,7	13,6	15,9	0,6	0,2	0,0	0,3	0,0
Liberia	0,7	5,0	5,2	27,6	32,0	0,3	5,9	83,3	67,1	110,9
Luxembourg	5,7	11,2	11,8	12,3	13,6	0,3	0,6	0,7	2,0	1,2
Malaysia	0,1	0,8	0,2	0,2	4,6	0,1	1,2	7,5	7,7	30,3
Malta	35,2	93,1	106,2	145,3	276,8	1,4	2,3	77,3	116,3	236,5
Morocco	2,0	2,7	7,7	20,6	21,7	0,6	0,5	0,4	0,3	0,7
Marshall Islands	5,2	25,2	80,6	36,3	45,2	0,0	0,1	0,4	0,3	0,3

## FOREIGN ECONOMIC ACTIVITY

Table 22.5 continued

	Exports					Imports				
	2005 <sup>1</sup>	2010 <sup>1</sup>	2015	2020	2021	2005 <sup>1</sup>	2010 <sup>1</sup>	2015	2020	2021
Nigeria	3,7	8,5	12,6	13,0	16,7	0,7	0,7	0,9	0,4	0,6
Netherlands	73,2	103,2	111,8	243,3	303,5	65,6	125,1	140,7	112,5	141,9
Germany	185,8	337,2	452,0	630,4	725,6	171,3	353,4	538,5	420,2	490,0
Norway	13,5	41,3	22,7	38,2	45,8	6,9	10,5	42,2	42,2	13,8
United Arab Emirates	26,0	69,4	204,7	331,5	402,4	10,8	49,9	89,3	77,7	131,4
Panama	34,0	168,3	131,7	23,2	23,2	1,8	30,0	14,9	5,6	4,2
Poland	62,2	93,1	181,9	441,0	477,6	77,0	141,2	98,7	201,0	285,0
Portugal	10,6	10,9	5,8	6,3	7,7	2,4	54,1	8,3	3,8	15,2
Korea, Republic of	8,3	12,4	43,6	52,1	58,9	2,8	6,4	18,3	16,0	19,2
Moldova, Republic of	33,7	67,1	40,0	57,9	68,4	15,3	29,1	32,2	28,3	44,9
russian federation	2574,5	5157,1	3039,8	2637,8	1945,2	436,7	793,5	653,9	176,0	189,4
Saudi Arabia	4,3	1,8	18,5	6,3	11,4	0,5	0,6	0,7	0,5	4,3
Romania	8,0	21,6	43,3	111,8	125,4	4,0	11,2	9,0	21,7	26,7
Serbia	—	12,1	12,2	13,1	14,8	—	7,2	1,2	4,2	8,3
Singapore	13,4	17,7	16,0	50,1	69,7	2,5	5,6	9,1	15,3	30,9
Slovakia	49,2	50,6	26,8	52,4	48,9	17,5	18,2	101,8	24,1	39,4
Slovenia	2,0	5,8	21,0	24,3	26,3	2,6	3,9	5,9	8,8	12,2
United Kingdom of Great Britain and Northern Ireland	300,2	557,8	553,3	635,7	784,5	271,3	598,8	717,1	519,7	609,6
USA	281,4	596,9	666,4	1419,2	1951,9	306,8	379,4	487,2	687,9	793,8
Turkey	90,2	154,6	163,3	146,0	184,6	93,9	224,7	195,3	441,3	952,2
Hungary	128,2	223,9	92,3	200,8	258,0	49,8	52,3	50,0	58,2	42,6
Uzbekistan	5,5	13,6	7,1	13,8	26,2	2,4	3,2	2,6	3,3	6,5
Finland	14,7	48,1	24,5	28,2	36,1	2,9	22,0	21,2	35,5	39,9
France	57,4	123,6	108,3	182,9	208,5	53,2	230,2	112,0	130,6	183,3
Croatia	1,5	6,1	2,9	6,9	7,6	1,4	5,9	2,8	7,3	11,0
Czechia	21,2	43,1	64,6	105,9	116,1	17,6	38,6	34,6	54,0	69,1
Montenegro	—	2,8	2,9	3,0	2,1	—	3,0	4,5	7,4	36,7
Switzerland	296,2	431,2	770,2	778,6	1189,7	111,1	178,6	234,6	217,2	279,9
Sweden	16,5	44,6	80,7	106,2	115,9	90,6	158,9	48,3	57,2	91,1
Sri Lanka	1,4	1,6	0,4	0,7	11,2	0,0	0,9	14,0	4,6	3,6
Japan	5,3	14,6	7,0	9,1	12,8	5,4	6,1	14,0	7,9	3,0

<sup>1</sup>The volumes of exports/imports of services have been updated in line with the Technique for retrospective recalculation of value of services for processing in external economic activity (SSSU decree № 419 of December 31, 2014) excluding distribution by country

## FOREIGN ECONOMIC ACTIVITY

## 22.6. Exports/imports of services in 2021, by region

	Exports			Imports		
	total enterprises	value, mln. USD	percentage of total	total enterprises	value, mln. USD	percentage of total
<b>Ukraine<sup>1</sup></b>	<b>10300</b>	<b>12785,6</b>	<b>100,0</b>	<b>7382</b>	<b>7976,5</b>	<b>100,0</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnnytsya	144	204,7	1,6	114	27,7	0,4
Volyn	190	87,0	0,7	240	39,0	0,5
Dnipropetrovsk	450	250,6	2,0	417	296,3	3,7
Donetsk	113	87,7	0,7	93	99,5	1,3
Zhytomyr	119	113,8	0,9	86	14,2	0,2
Zakarpattya	251	346,6	2,7	137	32,8	0,4
Zaporizhzhya	219	184,0	1,4	123	26,5	0,3
Ivano-Frankivsk	124	69,5	0,5	89	26,8	0,3
Kyiv	438	340,4	2,7	418	244,6	3,1
Kirovohrad	44	28,2	0,2	46	12,3	0,2
Luhansk	40	34,2	0,3	36	39,9	0,5
Lviv	837	861,7	6,7	527	115,1	1,4
Mykolayiv	153	557,2	4,4	72	31,1	0,4
Odesa	999	946,3	7,4	565	535,6	6,7
Poltava	153	43,8	0,3	210	98,5	1,2
Rivne	144	82,9	0,7	137	61,1	0,8
Sumy	70	33,4	0,3	59	30,3	0,4
Ternopil	70	110,2	0,9	66	15,7	0,2
Kharkiv	611	538,9	4,2	268	87,8	1,1
Kherson	113	35,4	0,3	48	28,3	0,4
Khmelnyskiy	96	29,1	0,2	116	21,9	0,3
Cherkasy	125	51,8	0,4	118	29,3	0,4
Chernivtsi	71	50,2	0,4	41	6,8	0,1
Chernihiv	108	44,2	0,4	88	35,7	0,5
<b>cities</b>						
Kyiv	4563	5244,5	41,0	3178	4102,4	51,4
Sevastopol	...	...	...	...	...	...

<sup>1</sup> Including the undistributed services by region

## FOREIGN ECONOMIC ACTIVITY

**22.7. Structure of exports/imports of services in 2021**

	Exports		Imports	
	mln. USD	percentage of total	mln. USD	percentage of total
<b>Total</b>	<b>12785,6</b>	<b>100,0</b>	<b>7976,5</b>	<b>100,0</b>
Services for the processing of material resources	1538,3	12,0	10,0	0,1
services for the processing of goods in the domestic economy	6,5	0,4	0,7	6,9
services for processing of goods abroad	1531,8	99,6	9,3	93,1
Services for repair and technical maintenance not related to other categories	303,0	2,4	76,7	1,0
Transport services	4657,5	36,4	1777,6	22,3
sea transport services	616,8	13,2	597,7	33,6
river transport services	36,4	0,8	0,4	0,0
air transport services	1045,3	22,4	566,8	31,9
rail transport services	461,8	9,9	270,2	15,2
motor transport services	413,3	8,9	236,6	13,3
pipeline transport services	1664,3	35,7	1,1	0,1
other auxiliary and additional transport services	351,4	7,6	48,5	2,7
mail and courier services	68,1	1,5	56,4	3,2
Services connected with travels	343,5	2,7	1598,8	20,0
Services for construction	58,7	0,5	67,4	0,8
Services for insurance	124,1	1,0	136,6	1,7
Services connected with financial activity	103,9	0,8	707,3	8,9
Royalties and other services connected with usage of intellectual property	61,8	0,5	625,8	7,8
Services in the sphere of telecommunications, computer and information services	4032,0	31,5	713,3	8,9
Business services	1504,2	11,8	1143,1	14,3
Services rendered to individual persons, cultural and recreation services	49,3	0,4	21,8	0,3
State and government services	9,3	0,1	1098,1	13,8

## 23. DOMESTIC TRADE

**Wholesale turnover** is resale (sale without processing) by legal persons whose main type of activity is wholesale trade (hereinafter, the wholesalers) on behalf of their name of the new or consumed goods (finished products) at the moment of their dispatch, purchasing on one's own account without any changes (apart from conventional trade-related operations: weighting, sorting of large lots of goods, packing, dividing into lots, distributing, stacking, mixing, etc) to retailers, enterprises and organizations or other wholesalers (apart from the population) to be used or further sale within Ukraine and for exports. Wholesale turnover excludes VAT.

**Turnover of retail trade** is a summarized measure which consists of retail turnover of legal persons (hereinafter, the retailers) and natural persons-entrepreneurs whose main type of economic activity is retail trade.

The indicator is calculated in accordance with the Methodology for calculating the turnover of retail trade, taking into account the activities of individual entrepreneurs, approved by the order of the State Statistics Service dated 04.04.2016 № 53, starting from 2017.

**Retail turnover** is a part of the turnover of enterprises by type of economic activity retail trade, which includes income from the resale mainly to the population of new or used goods (for cash, bank payment cards, etc) as in in-store and out-of-store, including value added tax.

The **index of the physical volume** of retail trade turnover or retail trade turnover is calculated on the basis of the Methodological recommendations for calculating the indices of the physical volume of retail trade turnover, approved by the order of the State Statistics Committee of 06.11.2000 № 353.



DOMESTIC TRADE

**23.1. Wholesale and retail turnover of wholesale and retail enterprises**

	2017	2018	2019	2020	2021
Wholesale turnover of wholesale enterprises, bln. UAH	1908,7	2215,4	2322,2	2462,6	3153,2
Share of goods in wholesale turnover of wholesale enterprises, percent					
food products	16,5	16,1	16,9	17,8	15,6
manufactured goods	83,5	83,9	83,1	82,2	84,4
Turnover of retail trade, bln. UAH	815,3	930,6	1094,0	1201,6	1443,8
including retail turnover of retail enterprises	586,3	668,4	793,5	868,3	1044,5
Share of goods in retail turnover of retail enterprises, percent					
food products	39,8	43,3	42,4	44,2	43,1
manufactured goods	60,2	56,7	57,6	55,8	56,9

**23.2. Wholesale turnover of wholesale enterprises, by region**

(mln. UAH)

	2010	2015	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>993695,8</b>	<b>1244220,8</b>	<b>1908670,6</b>	<b>2215367,4</b>	<b>2322176,9</b>	<b>2462558,8</b>	<b>3153187,3</b>
Autonomous Republic of Crimea	13714,8	...	...	...	...	...	...
<b>oblasts</b>							
Vinnysya	8457,2	18228,0	18838,4	24045,3	24885,9	30701,1	39539,8
Volyn	15810,2	18495,0	72637,7	86133,4	43603,8	65907,4	42162,6
Dnipropetrovsk	98919,8	93252,0	149822,4	154530,6	198109,7	207136,7	246921,1
Donetsk	173920,2	68053,0	57418,5	60669,1	61815,0	56132,8	106240,2
Zhytomyr	13616,4	6689,5	18193,1	22013,6	20869,4	18054,0	26411,3
Zakarpattya	6770,3	14000,1	6454,1	8873,7	7990,5	10984,3	12908,7
Zaporizhzhya	25661,9	22811,8	39675,0	49225,1	50512,7	47905,7	56001,8
Ivano-Frankivsk	8616,9	9244,6	12225,3	15606,0	37568,0	31970,3	25322,4
Kyiv	43988,9	83826,2	122010,3	149488,5	157062,7	149793,1	186850,1
Kirovohrad	8409,7	14450,8	20211,6	22908,4	25857,6	29986,8	37935,3
Luhansk	22089,8	3800,9	4770,6	6246,0	5689,6	5681,7	6648,8
Lviv	23915,6	36354,2	43280,5	59296,6	64574,6	84299,1	139111,9
Mykolayiv	21057,3	23706,5	37269,0	46966,5	58397,5	48576,9	80232,5
Odesa	46337,3	43597,4	91670,6	109362,7	107057,1	124779,8	159203,5
Poltava	32607,6	16224,3	27088,5	30873,7	37817,5	31480,1	41293,8
Rivne	3729,2	6231,1	8984,2	9896,2	12202,5	14074,9	19901,2
Sumy	5261,3	11052,9	16952,2	21556,5	21853,7	17425,5	24740,7
Ternopil	4944,0	30458,6	11775,6	14023,5	12937,9	13849,5	26345,7
Kharkiv	46662,4	62936,7	79989,3	78960,5	83122,2	85847,7	108448,3
Kherson	10473,0	8967,4	12630,3	11985,2	12611,4	11338,1	18616,0
Khmelnyskiy	5009,4	6876,3	15715,8	17776,8	18556,2	20633,2	24358,3
Cherkasy	9841,5	23101,2	26939,2	37358,3	45182,2	47086,2	66824,4
Chernivtsi	2529,6	3690,8	5106,7	6517,9	8459,8	8482,4	10882,4
Chernihiv	5926,9	9863,4	12413,9	17559,3	19902,7	18398,8	20305,4
<b>cities</b>							
Kyiv	324179,1	608308,1	996597,8	1153494,0	1185536,7	1282032,7	1625981,1
Sevastopol	11245,5	...	...	...	...	...	...

## DOMESTIC TRADE

**23.3. Wholesale turnover of wholesale enterprises, by goods groups**

	Mln. UAH			Percent of total		
	2019	2020	2021	2019	2020	2021
<b>All commodities</b>	<b>2322176,9</b>	<b>2462558,8</b>	<b>3153187,3</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
<b>Food products</b>	<b>392139,9</b>	<b>437577,3</b>	<b>490576,1</b>	<b>16,9</b>	<b>17,8</b>	<b>15,6</b>
meat and meat products	40626,5	41797,9	50220,9	1,7	1,7	1,6
dairy products, butter and cheese	22382,2	25824,5	26756,6	1,0	1,0	0,9
eggs	2114,1	2058,2	2475,6	0,1	0,1	0,1
edible oils and fats	17378,1	18402,4	20518,1	0,7	0,7	0,7
including vegetable oil	13099,1	16292,5	18531,7	0,6	0,7	0,6
alcoholic beverages	40487,2	43366,5	47655,5	1,7	1,8	1,5
including						
distilled alcoholic beverages	20033,0	22048,1	25776,0	0,9	0,9	0,8
fresh grape wines and mash grape	6689,1	6898,2	7457,5	0,3	0,3	0,2
cider and other fruit and berries wines	554,3	561,6	771,9	0,0	0,0	0,0
vermouth and other flavoured fresh grape wines	1789,9	1982,0	2211,0	0,1	0,1	0,1
beer, apart from brewery waste	11420,9	11876,6	11439,1	0,5	0,5	0,4
mineral waters and soft drinks and fruit and vegetable juices	18843,8	19239,4	22408,8	0,8	0,8	0,7
tobacco products, apart from tobacco waste	109035,0	122765,2	136660,4	4,7	5,0	4,3
bakery products and flour confectionary	4217,9	7033,3	8302,9	0,2	0,3	0,3
sugar	5342,9	5192,2	6824,9	0,2	0,2	0,2
sugar confectionary products and chocolate	24638,0	24412,9	27040,8	1,1	1,0	0,9
coffee, tea, cocoa and spices	16665,0	14337,2	15245,8	0,7	0,6	0,5
fish, crustacean and molluscs	13004,0	15079,3	17153,1	0,6	0,6	0,5
fruit and vegetables, processed	4401,7	5339,7	5885,0	0,2	0,2	0,2
fresh fruit and vegetables	12870,3	19909,1	20374,5	0,6	0,8	0,6
other food products	60133,2	72819,5	83053,2	2,6	3,0	2,6
including						
rice	1497,0	1273,6	1280,3	0,1	0,1	0,0
flour	1239,6	1545,7	1896,4	0,1	0,1	0,1
cereals and coarse flour	1879,9	1899,9	2333,5	0,1	0,1	0,1
macaroni	1318,7	1190,5	1619,8	0,1	0,0	0,1
edible salt	1437,9	1421,4	1426,9	0,1	0,1	0,0

## DOMESTIC TRADE

Table 23.3 continued

	Mln. UAH			Percent of total		
	2019	2020	2021	2019	2020	2021
<b>Manufactured goods</b>	<b>1930037,0</b>	<b>2024981,5</b>	<b>2662611,2</b>	<b>83,1</b>	<b>82,2</b>	<b>84,4</b>
motor vehicles for light loads	75271,0	76628,0	100482,7	3,2	3,1	3,2
freight motor vehicles	9077,3	9393,5	12653,1	0,4	0,4	0,4
tires and rubber bags for vehicles	13516,2	12894,4	16999,9	0,6	0,5	0,5
parts and equipment for cars and motor vehicles	46148,0	50750,6	65650,6	2,0	2,1	2,1
motorcycles, parts and equipment for them	607,5	412,3	572,8	0,0	0,0	0,0
wheat	149953,1	152834,4	219942,5	6,5	6,2	7,0
including						
hard wheat	53663,6	62455,5	94419,3	2,3	2,5	3,0
corn	82334,6	71612,1	97374,5	3,5	2,9	3,1
barley	12013,9	16712,6	24967,8	0,5	0,7	0,8
seeds and fruits of oilseeds	48360,2	46841,1	69137,0	2,1	1,9	2,2
fodders for animals	6505,6	8346,8	9563,3	0,3	0,3	0,3
other agricultural raw materials	9729,9	8893,8	12934,0	0,4	0,4	0,4
live animals	477,1	497,5	821,5	0,0	0,0	0,0
textile products, clothes and footwear	8477,3	9274,4	10129,2	0,4	0,4	0,3
household electrical appliances and electronic equipment for receiving, recording, reproducing sound and images	35502,1	45115,1	57305,4	1,5	1,8	1,8
articles made from ceramics and glass	3251,5	3850,5	4732,0	0,1	0,2	0,2
cleans and lustre preparations	9008,5	10727,4	9387,2	0,4	0,4	0,3
perfumery and cosmetics	32645,5	33591,7	32817,0	1,4	1,4	1,0
basic pharmaceutical products	149376,5	176402,9	212668,2	6,4	7,2	6,7
surgical, medical and orthopedic instruments and devices	14166,5	21470,4	24704,5	0,6	0,9	0,8
furniture, carpets and illuminating devices	4320,4	5973,6	6376,0	0,2	0,2	0,2
watches and jewellery	229,3	293,8	c	0,0	0,0	c
wood products, cork, wicker and knife-made	1406,2	1147,3	3252,0	0,1	0,0	0,1
books, newspapers, magazines and periodicals, printed and in electronic formats	860,5	961,2	1068,3	0,0	0,0	0,0
stationery	3374,2	3207,4	3640,2	0,1	0,1	0,1
other consumer goods	15964,4	18260,9	19775,0	0,7	0,7	0,6
including sporting goods	1054,4	1901,8	2652,2	0,0	0,1	0,1
information and communication equipment	28426,8	34483,7	52612,7	1,2	1,4	1,7
machinery and equipment for agriculture, mining and construction, textile, clothing and knitwear production	35306,5	34987,5	46821,8	1,5	1,4	1,5
office furniture, machinery and equipment	8233,4	5030,0	7754,3	0,4	0,2	0,2
other machinery and equipment	46862,0	38337,3	44498,8	2,0	1,6	1,4
fuel solid	35038,3	29501,6	37941,4	1,5	1,2	1,2
including black coal	27049,3	22390,8	29222,1	1,2	0,9	0,9

DOMESTIC TRADE

Table 23.3 continued

	Mln. UAH			Percent of total		
	2019	2020	2021	2019	2020	2021
motor fuel	262689,3	269615,1	390267,1	11,3	10,9	12,4
including						
petrol for motor vehicles including aircraft gasoline	50077,7	53132,6	82293,4	2,2	2,2	2,6
gas oil (diesel fuel)	189760,2	190404,5	271348,1	8,2	7,7	8,6
liquid propane and butane	22396,7	25812,2	36293,7	1,0	1,0	1,2
fuel solid, liquid and gaseous other	35556,8	36365,7	25562,3	1,5	1,5	0,8
including						
heavy fuel oil	1116,3	1243,3	1987,6	0,0	0,1	0,1
oils and lubricants; hard oil distillates	12983,9	12124,4	15276,4	0,6	0,5	0,5
basic ferrous metals: iron, cast iron, steel and ferroalloys	91644,2	84089,6	149656,6	3,9	3,4	4,7
including						
ferroalloys	3117,0	2994,8	5396,6	0,1	0,1	0,2
steel	2955,4	4158,8	c	0,1	0,2	c
flat section hot rolled of plating steel, with galvanic or other coating, flat products of high cutting steel and silicone electrotechnical steel	3705,6	4023,7	7240,8	0,2	0,2	0,2
flat section hot rolled of steel	17957,6	17277,7	31896,1	0,8	0,7	1,0
cold rolled flat products from non-alloyed steel width not less than 600 mm	7738,6	7954,7	13143,1	0,3	0,3	0,4
rods and cores, heat treated, from steel and tongued and grooved pales and structural elements of rail and tram tracks, heat treated, from ferrous metals	24285,2	26204,3	46943,2	1,0	1,1	1,5
tubes, hollow lances, cross sections and fittings of steel	20912,9	15949,5	24734,3	0,9	0,6	0,8
products of other primary processing of steel other	5532,5	3588,2	3892,8	0,2	0,1	0,1
pellets and powders from processed or mirror pig iron or from ferrous metals	2,7	34,0	c	0,0	0,0	c
metal ore	6234,3	8702,9	c	0,3	0,4	c
non-ferrous metals (excluding precious metals) – aluminum, lead, zinc and tin, copper, other non-ferrous metals	4321,4	4698,8	5853,7	0,2	0,2	0,2
wood and wood products	8932,5	9611,6	13299,1	0,4	0,4	0,4
sanitary equipment	5143,3	6574,6	8083,4	0,2	0,3	0,3
paints, varnishes and enamels	5993,3	6283,6	8138,4	0,3	0,3	0,3
sheet glass	2407,2	2727,2	5557,4	0,1	0,1	0,2
wallpaper, floor coverings (except carpets)	4254,1	4957,9	5406,1	0,2	0,2	0,2
other construction materials	54821,2	62401,2	78175,3	2,4	2,5	2,5
hardware, plumbing and heating equipment	14701,7	17290,3	21024,3	0,6	0,7	0,7
fertilizers, agrochemical products	150727,3	145760,7	220185,0	6,5	5,9	7,0
industrial chemicals	31255,3	27235,4	35671,2	1,4	1,1	1,1
paper and carton	6101,5	4335,7	7196,8	0,3	0,2	0,2
plastics and rubber in primary forms	8871,4	9210,7	11689,8	0,4	0,4	0,4
wastes and scrap	26392,4	25573,2	44585,8	1,1	1,0	1,4
other non-food products	417894,0	459438,2	538012,6	18,0	18,7	17,1

## DOMESTIC TRADE

**23.4. Retail turnover of retail enterprises, by region**

	Mln. UAH				At comparable prices, percent of the previous year			
	2018	2019	2020	2021	2018	2019	2020	2021
<b>Ukraine</b>	<b>930629,2</b>	<b>1094045,8</b>	<b>1201624,0</b>	<b>1443832,9</b>	<b>106,2</b>	<b>110,3</b>	<b>107,6</b>	<b>110,7</b>
Autonomous Republic of Crimea	...	...	...	...	...	...	...	...
<b>oblasts</b>								
Vinnnytsya	25658,4	32144,2	33021,3	41569,6	112,9	119,1	102,3	118,6
Volyn	16334,0	19619,7	22497,1	26598,4	102,5	112,4	110,8	108,2
Dnipropetrovsk	85302,9	102461,5	114221,3	132227,3	108,0	112,7	110,3	107,6
Donetsk	29153,3	35319,2	37386,8	43635,0	115,8	110,9	103,2	106,3
Zhytomyr	23592,9	26027,5	27816,3	34397,5	110,2	104,0	106,2	114,9
Zakarpattia	21897,1	23519,8	22828,5	30118,6	110,9	100,9	94,7	121,4
Zaporizhzhya	38638,3	45223,6	52262,9	62151,3	105,0	110,2	114,6	110,3
Ivano-Frankivsk	22299,5	25805,3	27374,5	33013,2	112,6	109,4	104,5	111,4
Kyiv	64917,4	83453,1	99186,1	120866,3	108,0	120,6	116,3	111,6
Kirovohrad	16622,5	19679,5	22369,8	26378,6	99,9	111,7	111,3	109,3
Luhansk	8236,8	10561,9	11307,3	13147,1	127,8	119,2	104,7	106,4
Lviv	57825,1	66601,9	70602,2	89383,7	105,3	107,8	103,3	117,2
Mykolayiv	22555,1	25487,9	26764,3	32688,6	108,1	106,2	103,8	112,6
Odesa	69196,7	81447,5	88061,4	105796,4	103,4	111,0	106,2	110,2
Poltava	30928,8	34301,1	39098,1	48945,7	112,3	103,6	112,2	116,1
Rivne	17360,0	20642,3	21794,2	27370,2	109,3	111,3	103,2	115,5
Sumy	19464,9	21348,1	22833,0	27469,0	108,8	102,2	105,1	109,9
Ternopil	13082,8	16145,9	17790,9	23258,0	110,6	117,1	109,7	123,9
Kharkiv	72517,7	82126,9	87393,7	97012,0	101,7	105,5	103,6	101,7
Kherson	21738,7	23690,9	25388,6	29780,3	104,8	102,3	105,3	108,8
Khmelnytskyi	20565,9	24234,6	27809,5	33622,9	101,3	111,5	111,7	112,1
Cherkasy	22495,4	27126,2	29387,6	36836,2	107,3	115,0	106,0	114,7
Chernivtsi	15170,4	15282,8	16088,6	22030,8	105,2	95,3	103,1	127,4
Chernihiv	17973,2	19282,1	22119,6	26744,5	103,3	101,4	112,4	111,6
<b>cities</b>								
Kyiv	177101,4	212512,3	236220,4	278791,7	103,4	114,2	108,7	108,0
Sevastopol	...	...	...	...	...	...	...	...

DOMESTIC TRADE

**23.5. Volume indices of retail turnover of retail enterprises**

*(at comparable prices; percent of the previous year)*

	2017	2018	2019	2020	2021
<b>All goods</b>	<b>106,0</b>	<b>105,8</b>	<b>111,4</b>	<b>107,2</b>	<b>110,9</b>
Food products	105,5	111,2	105,8	109,6	105,7
foodstuffs	106,8	114,6	107,0	109,8	107,0
alcoholic beverages	99,8	113,2	104,4	109,7	111,4
Manufactured goods	106,4	102,1	115,6	105,4	115,0

**23.6. Retail turnover of retail enterprises, by region**

*(mln. UAH)*

	2017	2018	2019	2020	2021
<b>Ukraine</b>	<b>586330,1</b>	<b>668369,6</b>	<b>793479,2<sup>1</sup></b>	<b>868283,3<sup>1</sup></b>	<b>1044516,5<sup>1</sup></b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnycya	12280,7	14707,8	18494,9	19460,2	24991,3
Volyn	9556,4	10295,4	12334,2	14361,2	16570,1
Dnipropetrovsk	56060,4	66023,9	79200,4	87987,0	102431,6
Donetsk	15766,7	19243,1	23105,2	24513,3	28819,1
Zhytomyr	12381,5	14465,8	16465,7	17980,4	22162,0
Zakarpattya	12196,8	13560,6	14951,1	14006,1	19234,6
Zaporizhzhya	25530,6	27779,1	32942,6	37242,7	44126,2
Ivano-Frankivsk	11402,1	13345,1	15804,1	17054,9	20748,1
Kyiv	41771,5	49871,5	65042,2	76812,6	95103,6
Kirovohrad	10423,5	11473,0	13879,2	15443,6	18615,2
Luhansk	3229,5	4393,0	5264,9	6132,3	7302,6
Lviv	37054,2	42944,0	49898,3	53113,8	67023,4
Mykolayiv	13208,1	14947,3	17393,2	18489,2	22536,9
Odesa	47001,6	53107,6	62660,0	66979,4	80329,3
Poltava	16675,0	19585,9	22331,2	25557,1	31166,6
Rivne	9403,4	10749,2	12561,8	13280,4	16883,1
Sumy	9671,0	11526,4	13015,1	14076,1	16870,4
Ternopil	6528,2	7169,4	8820,5	9633,6	12975,9
Kharkiv	46078,5	51926,0	58839,3	61838,1	67946,6
Kherson	12689,1	14720,8	16436,5	17703,3	20658,1
Khmelnyskiy	11289,3	11604,5	13864,9	15908,8	19481,6
Cherkasy	11327,9	12567,3	15173,0	16382,9	21066,0
Chernivtsi	7194,0	8040,9	8129,1	8469,7	10908,0
Chernihiv	10285,1	11448,4	12710,5	14505,5	17190,3
<b>cities</b>					
Kyiv	137325,0	152873,6	184161,5	201350,9	239375,8
Sevastopol	...	...	...	...	...

<sup>1</sup> The differences between the sum and the sum of summands are explained by rounding the data

## DOMESTIC TRADE

**23.7. Volume indices of retail turnover of retail enterprises, by goods groups***(at comparable prices; percent of the previous year)*

	2017	2018	2019	2020	2021
<b>All commodities</b>	<b>106,0</b>	<b>105,8</b>	<b>111,4</b>	<b>107,2</b>	<b>110,9</b>
<b>Food products</b>	<b>105,5</b>	<b>111,2</b>	<b>105,8</b>	<b>109,6</b>	<b>105,7</b>
meat and meat products	96,3	110,1	108,4	110,5	103,8
fish, crustaceans and molluscs (including fish products)	117,0	126,5	110,8	118,1	111,7
rennet cheese, processed and lactic cheese	101,0	113,1	113,9	112,6	103,7
butter and pasty dairy products	90,0	105,2	112,9	115,8	97,0
eggs	109,4	101,1	117,9	117,8	87,2
vegetable oil	96,6	112,0	98,1	115,1	92,1
cereals	122,9	124,6	102,6	91,7	99,7
macaroni	113,6	109,0	94,8	149,6	129,6
sugar	118,0	105,4	109,9	99,1	90,3
coffee	107,2	116,2	111,0	111,6	103,7
tea	103,7	111,3	106,5	109,5	102,6
bakery products and confectionary	110,6	108,7	109,4	100,3	109,2
sugar confectionery	118,3	119,9	112,6	105,3	111,8
fresh fruit and vegetables	105,6	118,1	102,4	119,0	111,6
alcoholic beverages	99,8	113,2	104,4	109,7	111,4
other beverages (non-alcoholic)	113,1	117,0	108,9	105,1	115,9
<b>Manufactured goods</b>	<b>106,4</b>	<b>102,1</b>	<b>115,6</b>	<b>105,4</b>	<b>115,0</b>
clothes	118,7	118,6	120,5	102,2	134,8
footwear	105,5	105,3	131,7	108,8	133,4
cosmetic products and products for toilets	113,6	106,9	121,7	101,0	110,5
household detergents, cleaners and care products	117,3	126,2	113,6	111,5	111,6
watches and jewellery	82,5	281,7	227,9	86,2	116,5
books, newspapers and magazines	104,9	108,4	95,1	99,7	116,0
computers, networking, software	107,1	108,8	163,7	141,1	139,1
household equipment for receiving, recording, reproducing sound and images	100,1	166,1	124,5	139,7	107,4
household home appliances and lighting accessories	154,8	105,3	120,9	116,0	107,2
furniture	153,3	114,9	128,4	113,4	120,8
wallpaper, floor coverings, carpets and rugs	130,4	107,8	106,6	106,9	101,0
construction materials and products of iron	118,0	104,8	101,3	102,8	99,6
pharmaceuticals, medical and orthopaedic goods	113,1	110,9	115,6	104,7	100,1
cars and automobile goods	119,6	97,2	128,2	105,2	119,5
petrol engine and gas oil (diesel fuel)	91,9	77,2	115,3	112,9	145,0
propane, butane and methane for cars	130,4	91,3	138,7	114,9	107,2

DOMESTIC TRADE

**23.8. Retail turnover of retail enterprises, by goods groups**

	Mln. UAH			Percent of total		
	2019	2020	2021	2019	2020	2021
<b>All commodities</b>	<b>793479,2</b>	<b>868283,3</b>	<b>1044516,5</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
<b>Food products</b>	<b>336587,9</b>	<b>384091,6</b>	<b>449762,3</b>	<b>42,4</b>	<b>44,2</b>	<b>43,1</b>
meat	15627,3	17457,4	19442,8	2,0	2,0	1,9
meat products	23734,9	26739,1	30588,3	3,0	3,1	2,9
fish, crustaceans and molluscs (including fish products)	15430,9	18623,0	22255,1	2,0	2,1	2,1
dairy products	38311,4	44317,7	49053,8	4,8	5,1	4,7
including						
milk	8147,2	8350,1	8804,5	1,0	1,0	0,8
rennet cheese, processed and lactic cheese	15067,7	17889,8	19889,4	1,9	2,1	1,9
butter and pasty dairy products	4875,2	5906,0	6229,8	0,6	0,7	0,6
eggs	5040,0	5855,9	7503,2	0,6	0,7	0,7
edible oils and fats	4434,9	5169,1	7054,2	0,6	0,6	0,7
including vegetable oil	3488,3	4115,1	5878,5	0,4	0,5	0,6
bakery products and flour confectionery	28294,7	29992,8	37562,0	3,6	3,5	3,6
including flour confectionery	14691,4	15502,4	19040,7	1,9	1,8	1,8
sugar confectionery	26225,0	28366,7	33782,5	3,3	3,3	3,2
fresh fruit and vegetables	26841,2	31355,4	34235,0	3,4	3,6	3,3
including fresh vegetables	11203,9	13136,0	13799,2	1,4	1,5	1,3
processed fruits and vegetables	9769,8	11546,8	13592,0	1,2	1,3	1,3
alcoholic beverages	53483,7	59846,0	68360,0	6,7	6,9	6,6
other non-alcoholic beverages	19145,5	20874,8	25301,3	2,4	2,4	2,4
including						
juices	4365,3	4759,1	5773,1	0,6	0,5	0,6
mineral waters	7149,8	7667,6	8574,0	0,9	0,9	0,8
coffee, tea, cocoa and spices	12034,4	13637,4	15074,3	1,5	1,6	1,4
including						
coffee	6655,5	7428,3	7882,5	0,8	0,9	0,8
tea	3512,8	3939,6	4168,7	0,4	0,5	0,4
homogenized and dietetic foods (including baby foods)	5412,5	6277,4	7515,4	0,7	0,7	0,7
other food products	27995,8	33258,1	41407,6	3,5	3,8	4,0
including						
sugar	2714,3	2951,3	4303,8	0,3	0,3	0,4
flour	1687,1	1779,4	1867,9	0,2	0,2	0,2
cereals	5146,1	6006,9	6847,0	0,6	0,7	0,7
macaroni	3835,1	5914,8	8482,6	0,5	0,7	0,8
edible salt	393,1	454,4	457,0	0,0	0,1	0,0
tobacco products (including related products)	24805,9	30774,0	37034,8	3,1	3,5	3,6



## DOMESTIC TRADE

Table 23.8 continued

	Mln. UAH			Percent of total		
	2019	2020	2021	2019	2020	2021
<b>Manufactured goods</b>	<b>456891,3</b>	<b>484191,7</b>	<b>594754,2</b>	<b>57,6</b>	<b>55,8</b>	<b>56,9</b>
textile goods, curtains, drapes and tulle	2667,6	2915,8	3314,1	0,3	0,3	0,3
clothes	25588,9	25112,0	32352,6	3,2	2,9	3,1
footwear	8001,3	8170,9	10212,9	1,0	0,9	1,0
cosmetic products and products for toilets	30377,7	31028,5	34716,6	3,8	3,6	3,3
watches and jewellery	1945,7	1788,3	2331,7	0,3	0,2	0,2
books, newspapers, magazines	1755,3	1816,9	2201,5	0,2	0,2	0,2
stationery	1750,2	2141,5	2422,0	0,2	0,2	0,2
computers, networking, software	7530,5	9903,7	13527,2	1,0	1,1	1,3
household electrical appliances and electronic equipment for receiving, recording, reproducing sound and images	7168,9	8301,3	9037,6	0,9	1,0	0,9
telecommunication equipment	15588,5	16083,2	21084,0	2,0	1,8	2,0
including telephone sets mobile	13737,9	13198,7	17990,5	1,7	1,5	1,7
games and toys	4556,6	4725,3	6108,5	0,6	0,5	0,6
motorcycles, parts and accessories	416,3	555,9	641,0	0,1	0,1	0,1
cars, parts and accessories	60806,9	65005,8	80561,7	7,7	7,5	7,7
including cars	51959,2	55218,1	69685,1	6,5	6,4	6,7
tools and equipment for camping, sports	2627,2	3425,3	3773,2	0,3	0,4	0,4
furniture	5791,4	6651,9	8584,5	0,7	0,8	0,8
wallpaper, floor coverings, carpets and rugs	6259,7	6631,8	7087,7	0,8	0,8	0,7
household electrical appliances	22083,7	24894,2	27024,5	2,8	2,9	2,6
lighting accessories	3303,6	3476,3	4095,0	0,4	0,4	0,4
ceramics, glass, wood, cork, wicker, cutlery, non-electric household products	7088,6	7946,2	8803,6	0,9	0,9	0,8
construction materials and products of iron	24860,8	25921,2	27253,0	3,1	3,0	2,6
gardening equipment and inventory, hand tools	4738,9	5832,9	7499,8	0,6	0,7	0,7
pharmaceuticals	78275,0	85015,1	87695,7	9,9	9,8	8,4
medical and orthopedic goods	13801,2	15388,9	17760,7	1,7	1,8	1,7
petrol engine	29832,9	28063,5	49329,5	3,8	3,2	4,7
gas oil (diesel fuel)	24110,3	22254,3	39365,0	3,0	2,6	3,8
propane, butane and methane for cars	15445,1	16661,9	25416,5	2,0	1,9	2,4
animals – pets and food for them	3493,4	4364,5	5468,6	0,4	0,5	0,5
other manufactured goods	47025,1	50114,6	57085,5	5,9	5,8	5,5
including detergents, household cleaning and care products	16790,2	18606,9	20785,1	2,1	2,1	2,0

## DOMESTIC TRADE

**23.9. Share of sale of goods produced on the territory of Ukraine and sold by retail trade enterprises**

	<i>(percent)</i>				
	2017	2018	2019	2020	2021
<b>All commodities</b>	<b>52,3</b>	<b>53,2</b>	<b>52,4</b>	<b>53,4</b>	<b>53,1</b>
<b>Food products</b>	<b>82,2</b>	<b>81,4</b>	<b>80,0</b>	<b>79,4</b>	<b>77,6</b>
meat	95,6	96,5	97,1	96,5	96,2
meat products	93,7	94,1	93,2	93,9	92,4
fish, crustaceans and molluscs (including fish products)	61,8	60,6	72,9	73,2	74,4
dairy products	90,4	89,6	89,4	86,8	84,1
including					
milk	—	—	95,5	94,0	91,8
rennet cheese, processed and lactic cheese	85,1	83,7	80,3	76,2	71,9
butter and pasty dairy products	96,1	96,5	96,4	95,1	91,4
eggs	98,5	99,2	99,1	99,1	99,0
edible oils and fats	92,9	92,9	86,5	84,5	85,8
including vegetable oil	92,6	92,8	84,0	81,4	83,8
bakery products and flour confectionery	95,1	95,3	92,9	92,1	92,0
including flour confectionery	93,1	93,5	90,1	88,5	88,0
sugar confectionery	85,9	85,1	76,1	74,9	73,7
fresh fruit and vegetables	56,3	57,3	46,2	47,2	47,5
including fresh vegetables	84,2	85,4	70,5	74,1	76,5
processed fruit and vegetables	67,2	65,5	69,8	70,0	69,5
alcoholic beverages	77,5	75,3	73,4	71,1	67,7
other non-alcoholic beverages	91,7	91,7	89,8	88,8	87,1
including					
juices	93,5	94,7	94,1	92,7	90,6
mineral waters	89,7	88,9	86,4	85,5	84,3
coffee, tea, cocoa and spices	55,2	54,6	69,2	72,0	71,7
including					
coffee	42,2	40,2	65,8	68,6	67,8
tea	74,0	76,1	72,9	77,0	75,9
homogenized and dietetic foods (including baby foods)	42,8	42,6	59,9	61,6	64,2
other food products	85,5	84,3	81,8	82,3	83,7
including					
sugar	97,1	96,9	96,3	96,3	97,2
flour	94,9	94,7	91,9	95,7	95,1
cereals	92,6	92,1	79,9	79,7	79,3
macaroni	74,9	72,9	65,8	72,9	79,3
edible salt	95,0	94,9	93,4	93,7	90,8
tobacco products (including related products)	88,1	87,0	85,7	87,0	73,4

## DOMESTIC TRADE

Table 23.9 continued

	2017	2018	2019	2020	2021
<b>Manufactured goods</b>	<b>32,6</b>	<b>31,7</b>	<b>32,0</b>	<b>32,9</b>	<b>34,5</b>
textile goods, curtains, drapes and tulle	25,9	28,7	34,6	35,5	33,5
clothes	8,2	8,8	7,7	7,2	6,2
footwear	3,7	4,2	6,0	7,5	7,8
cosmetic products and products for toilets	17,6	18,9	23,7	26,0	24,9
watches and jewellery	14,9	4,8	3,3	4,0	2,0
books, newspapers, magazines	79,8	79,7	84,0	79,9	74,6
stationery	50,4	51,2	55,0	55,5	56,1
computers, networking, software	1,0	1,9	3,1	3,7	3,6
household electrical appliances and electronic equipment for receiving, recording, reproducing sound and images	0,4	0,4	0,5	1,3	1,5
telecommunication equipment	0,1	0,1	0,2	0,3	0,3
including telephone sets mobile	0,0	0,0	0,1	0,2	0,1
games and toys	13,2	13,1	15,7	19,5	20,4
motorcycles, parts and accessories	1,4	2,2	2,0	0,9	0,9
cars, parts and accessories	5,3	4,4	4,1	4,0	3,6
including cars	3,2	3,6	2,3	1,8	2,3
tools and equipment for camping, sports	21,7	21,6	27,1	25,3	25,6
furniture	43,6	48,3	51,4	48,9	42,6
wallpaper, floor coverings, carpets and rugs	44,6	45,3	46,3	49,0	48,0
household electrical appliances	8,0	8,3	8,5	8,4	8,5
lighting accessories	37,4	38,2	38,6	42,4	42,9
ceramics, glass, wood, cork, wicker, cutlery, non-electric household products	32,6	30,8	46,6	47,5	46,5
construction materials and products of iron	55,1	56,1	55,1	53,4	51,8
gardening equipment and inventory, hand tools	41,4	39,1	38,2	34,2	28,9
pharmaceuticals	49,8	50,2	50,0	49,8	49,3
medical and orthopedic goods	42,6	43,8	46,5	46,6	47,3
petrol engine	58,6	58,1	60,5	64,4	72,9
gas oil (diesel fuel)	52,7	52,3	57,8	65,6	71,5
propane, butane and methane for cars	60,5	53,7	57,9	67,2	65,2
animals – pets and pet food	23,9	21,2	30,7	30,1	33,7
other manufactured goods	30,3	31,5	28,8	31,2	32,1
including detergents, household cleaning and care products	32,4	31,4	32,3	33,3	30,8

## DOMESTIC TRADE

**23.10. Retail sales of retail enterprises by product groups***(thsd.t)*

	2017	2018	2019	2020	2021
Meat	195,8	213,9	186,3	201,1	204,6
Meat products	142,2	150,0	187,9	205,8	213,1
Fish, crustaceans and molluscs (including fish products)	91,3	104,7	113,3	122,6	135,7
Milk	—	—	325,5	321,0	304,3
Rennet cheese, processed and lactic cheese	76,6	88,6	101,6	116,0	112,3
Butter and pasty dairy products	24,7	25,6	29,4	32,2	30,5
Eggs, mln	2277,6	2336,4	2539,1	2879,2	2466,0
Vegetable oil	82,7	93,7	89,2	99,7	95,5
Flour	110,3	115,4	120,8	127,8	113,6
Cereals	189,8	200,6	205,2	207,0	200,4
Macaroni	107,2	111,3	111,3	152,3	190,6
Edible salt	59,0	62,3	57,1	57,5	56,0
Sugar	167,8	169,6	192,5	190,5	174,4
Coffee	13,3	14,7	15,5	18,8	18,2
Tea	8,3	9,0	9,1	9,1	8,8
Bakery and flour confectionery	583,4	595,3	596,7	577,7	599,8
including flour confectionery	166,5	172,5	179,3	170,7	175,4
Sugar confectionery	143,0	169,0	188,7	187,2	199,4
Fresh fruit and vegetables	853,0	933,8	960,9	1067,0	1123,1
including fresh vegetables	477,8	519,1	497,2	587,0	577,5
Processed fruit and vegetables	79,1	92,2	105,7	121,1	120,2
Juices, mln. dal	14,7	16,2	17,7	18,5	20,2
Mineral waters, mln. dal	60,5	71,4	85,0	90,1	89,0
Alcoholic beverages, mln. dal					
vodka and alcoholic beverages	7,3	7,6	7,4	7,6	8,0
low-alcohol beverages	3,1	3,7	3,8	4,4	4,9
wine	6,7	7,0	7,0	8,0	8,8
cognac	1,5	1,7	1,9	2,1	2,2
sparkling wines (champagne)	2,2	2,7	2,8	3,3	3,5
beer	60,7	66,4	69,7	73,5	76,1
in absolute alcohol	6,7	7,2	7,4	7,9	8,3

## 24. INFORMATION SOCIETY

**Website** is a set of webpages united by contents accessible on the Internet. Information is coded using special languages (language to describe hypertext documents (HTML, XML, Java)) that are read with the help of Web information systems for navigation and browsing such as Microsoft Internet Explorer, Opera, Mozilla Firefox, etc.

**The services of cloud-based calculations** are supplied (rented) from servers of services providers and permit consumers, from any computer with access to the Internet, to use the software, computer power, disk-related space, etc. for data remote processing and preservation.

**Electronic commerce** is an economic activity in the sphere of electronic buying/selling, distance sale of goods to customer by making electronic transactions through the use of information and telecommunication systems.

**Volume of the sold products (goods, services)** is defined according to the sale price for the finished products (goods, services) shipped outside an enterprise and which is mentioned in the documents issued as a basis for settlement with buyer/customer (including products (goods, services) according to the barter contract) less VAT.

**The number of employees** is defined by taking into account the regular employees, contractors, and unpaid (owners, founders of enterprise and their family members) employees of enterprises.

Since 2021, in line with the updated methodology, the calculation of indicators on the number and share of enterprises that used information and communications technologies is made for the year during which the state statistical observation *Usage of information and communications technologies at enterprises* is undertaken.

INFORMATION SOCIETY

**24.1. Usage of information and communication technologies at enterprises<sup>1</sup>,  
by type of economic activity**

(percent to the total number of enterprises)

	Share of enterprises that								
	have access to the Internet			have website			buy cloud computing services		
	2019	2021 <sup>2</sup>	2022	2019	2021 <sup>2</sup>	2022	2019	2021 <sup>2</sup>	2022
<b>Total</b>	<b>86,4</b>	<b>86,6</b>	...	<b>35,2</b>	<b>35,3</b>	...	<b>10,3</b>	<b>10,2</b>	...
Manufacturing	89,5	90,1	...	43,2	44,1	...	10,0	9,9	...
Electricity, gas, steam and air-conditioning supply	92,3	88,3	...	43,0	41,8	...	11,6	11,8	...
Water supply, sewerage, waste management and remediation	92,4	92,1	...	25,0	24,3	...	8,8	7,6	...
Construction	83,9	83,7	...	24,0	23,6	...	8,9	8,7	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	86,1	87,7	...	37,6	38,8	...	11,5	11,3	...
Transport and storage, postal and courier activities	87,9	85,5	...	22,1	21,4	...	8,1	7,7	...
Accommodation and food service activities	77,2	76,8	...	36,8	34,9	...	9,5	10,0	...
Information and communication	89,2	89,6	...	57,1	57,1	...	17,5	18,7	...
Real estate activities	86,3	89,5	...	24,5	23,6	...	6,7	6,6	...
Professional, scientific and technical activities	87,2	84,4	...	43,6	43,8	...	13,6	13,5	...
Administrative and support service activities	78,2	78,3	...	22,9	22,1	...	8,3	8,6	...
Other services	86,6	85,9	...	59,7	54,9	...	11,9	17,2	...

<sup>1</sup> Here and elsewhere (Table 24.2–24.4) data are given for legal entities with the number of employees of 10 people and more

<sup>2</sup> In line with the updated statistical methodology, the calculation of indicators for 2020 was not carried out

**24.2. Usage of information and communication technologies at enterprises  
by average number of employees**

(percent to the total number of enterprises)

	Share of enterprises that during the year								
	have access to the Internet			have website			buy cloud computing services		
	2019	2021 <sup>1</sup>	2022	2019	2021 <sup>1</sup>	2022	2019	2021 <sup>1</sup>	2022
<b>Enterprises, total</b>	<b>86,4</b>	<b>86,6</b>	...	<b>35,2</b>	<b>35,3</b>	...	<b>10,3</b>	<b>10,2</b>	...
including with the number of employees, persons									
10-49	84,4	84,5	...	30,4	30,5	...	8,9	9,0	...
50-249	93,0	93,8	...	47,7	47,8	...	13,4	13,9	...
250 and more	94,8	94,5	...	68,3	69,0	...	21,5	22,2	...

<sup>1</sup> See the second footnote to Table 24.1

INFORMATION SOCIETY

**24.3. Electronic commerce at enterprises by type of economic activity**

(percent)

	Share of enterprises that were engaged into e-commerce in the total number of enterprises			Share of enterprises that were engaged into e-commerce in the total number of enterprises		
	2019	2020	2021	2019	2020	2021
<b>Total</b>	<b>4,8</b>	<b>4,9</b>	...	<b>4,5</b>	<b>5,0</b>	...
Manufacturing	5,3	5,4	...	3,1	3,1	...
Electricity, gas, steam and air-conditioning supply	1,6	1,8	...	0,1	0,1	...
Water supply, sewerage, waste management and remediation	1,4	1,3	...	0,4	0,4	...
Construction	1,6	1,6	...	0,7	0,7	...
Wholesale and retail trade; repair of motor vehicles and motorcycles	7,4	7,7	...	3,7	4,5	...
Transport and storage, postal and courier activities	3,1	3,0	...	25,7	31,1	...
Accommodation and food service activities	10,2	10,1	...	8,2	11,6	...
Information and communication	9,0	9,5	...	3,5	3,5	...
Real estate activities	0,7	0,8	...	0,2	0,7	...
Professional, scientific and technical activities	2,7	2,6	...	0,6	1,5	...
Administrative and support service activities	3,5	3,3	...	3,7	4,1	...
Other services	4,5	8,5	...	0,8	1,0	...

**24.4. Electronic commerce at enterprises with distribution by number of employees**

(percent)

	Share of enterprises that were engaged into e-commerce in the total number of enterprises			Share of enterprises that were engaged into e-commerce in the total number of enterprises		
	2019	2020	2021	2019	2020	2021
<b>Total</b>	<b>4,8</b>	<b>4,9</b>	...	<b>4,5</b>	<b>5,0</b>	...
of which with the average number of workers, persons			...			...
10–49	4,1	4,1	...	1,9	2,1	...
50–249	6,7	6,7	...	3,6	3,9	...
250 and more	10,3	10,5	...	6,0	6,6	...

## 25. ACTIVITY OF ENTERPRISES

The section contains information on the basic statistical indicators, which characterise conditions and tendencies for development of business entities, which covered enterprises-legal persons and natural persons-entrepreneurs.

**The enterprise-legal person (further – the enterprise)** – the independent business entity created by competent body of the government authority or local administration or other economic player to satisfy public and personal requirements by regular performance of production, research, trade or other economic activities according to the order stipulated by the *Business Code of Ukraine* and other laws. The enterprise does not incorporate other legal persons, but has the right to create subsidiaries, representations, branches and other separated subdivisions, which have no status of the legal person.

**The natural person-entrepreneur** – a natural person registered under a stated order with the purpose to realize an entrepreneurial activity.

Statistical data for 2010, 2015/2020 regarding the basic indicators of enterprises' activities by their size are compiled using the criteria for large, middle-sized, small and micro enterprises specified in the *Business Code of Ukraine* as worded as of March 22, 2012, namely:

**micro enterprises** are entities of any organisational and legal form and form of ownership where during the reference period (calendar year) the average number of employees does not exceed 10 persons and the annual revenue from any activity does not exceed a sum equal to 2 million euros fixed by

period (calendar year) the average number of employees does not exceed 50 persons and the annual revenue from any activity does not exceed a sum equal to 10 million euros fixed by the average annual rate of the National Bank of Ukraine;

**large enterprises** are entities of any organisational and legal form and form of ownership where during the reference period (calendar year) the average number of employees does not exceed 250 persons and the annual revenue from any activity exceed a sum equal to 50 million euros fixed by the average annual rate of the National Bank of Ukraine;

**middle-sized enterprises** are other entities.

**Number of persons employed workers** includes regular employees, those not on the permanent staff and unpaid (owners, founders of an enterprises and members of their families) employees of an enterprise.

**Number of employees** incorporates regular employees and those not on the permanent staff (working under contracts and in more than one job) at an enterprise.

**Volume of sold products (goods, services)** is calculated using the prices of final products (goods and services) shipped outside the business that is mentioned in the processed documents which are used as a framework for settlement with a customer (client) (including products (goods, services) by barter contracts) less indirect tax on value added.

**Assets** are resources 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.

**Financial outcome before taxation (profits, losses)** is an algebraic sum of profits (losses) that an enterprise received from operating activity, financial and other income (profit), financial and other expenditure (losses).

**Rate profitability of operating activity** is a ratio of financial outcome stemming from

operating activity to expenditure on operating activity of the enterprises.

**Financial outcome from operating activity (profits, losses)** is an algebraic sum of gross profit (loss), other operating income, administrative expenditures, expenditure on sales and other operating expenditures.

**Operating activity** is the main activity of an enterprise as well as other types of activities which are neither investment or financial.

Information for 2021 has been compiled including data from initiatives submitted reports of enterprises.

The information is given excluding the performance of budget institutions.

## ACTIVITY OF ENTERPRISES

**25.1. Indicators of business entities' activity<sup>1</sup>**

	2010	2015	2018	2019	2020	2021
<b>Number of business entities</b>						
<b>Total, thsd. units</b>	<b>2184,1</b>	<b>1974,4</b>	<b>1839,7</b>	<b>1941,7</b>	<b>1973,7</b>	<b>1956,3</b>
enterprises						
percent of total entities	17,4	17,4	19,3	19,6	18,9	19,0
per 10 thsd. present population, units	83	80	84	91	90	90
natural persons-entrepreneurs						
percent of total entities	82,6	82,6	80,7	80,4	81,1	81,0
per 10 thsd. present population, units	394	381	351	371	383	383
<b>Number of persons employed</b>						
<b>Total, thsd. persons</b>	<b>11000,5</b>	<b>8331,9</b>	<b>8661,4</b>	<b>9145,5</b>	<b>9057,1</b>	<b>9056,1</b>
enterprises						
thsd. persons	8186,0	6041,6	6088,4	6535,2	6491,3	6511,6
percent of total persons employed	74,4	72,5	70,3	71,5	71,7	71,9
natural persons-entrepreneurs						
thsd. persons	2814,5	2290,3	2573	2610,3	2565,8	2544,5
percent of total persons employed	25,6	27,5	29,7	28,5	28,3	28,1
<b>Number of employees</b>						
<b>Total, thsd. persons</b>	<b>9073,6</b>	<b>6589,5</b>	<b>7088,8</b>	<b>7418,8</b>	<b>7379,6</b>	<b>7368,7</b>
enterprises						
thsd. persons	8064,2	5930,0	5999,5	6369,6	6413,6	6409,6
percent of total employees	88,9	90,0	84,6	85,9	86,9	87,0
natural persons-entrepreneurs						
thsd. persons	1009,4	659,5	1089,3	1049,2	966,0	959,1
percent of total employees	11,1	10,0	15,4	14,1	13,1	13,0
<b>Volume of the sold products (goods, services)</b>						
<b>Total, mln. UAH</b>	<b>3692554,4</b>	<b>5716431,0</b>	<b>10148847,1</b>	<b>10725442,9</b>	<b>11285578,9</b>	<b>15240051,1</b>
enterprises						
mln. UAH	3462136,2	5318957,7	9388092,1	9841060,7	10273152,6	13867032,4
percent of total volume of the sold products (goods, services)	93,8	93,0	92,5	91,8	91,0	91,0
natural persons-entrepreneurs						
mln. UAH	230418,2	397473,3	760755,0	884382,2	1012426,3	1373018,7
percent of total volume of the sold products (goods, services)	6,2	7,0	7,5	8,2	9,0	9,0

<sup>1</sup> Taking into account the results of banks

## ACTIVITY OF ENTERPRISES

**25.2. Number of entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs**

	2010	2015	2018	2019	2020	2021
<b>Total<sup>1</sup>, thsd. units</b>	<b>2184,1</b>	<b>1974,4</b>	<b>1839,7</b>	<b>1941,7</b>	<b>1973,7</b>	<b>1956,3</b>
<b>percent</b>						
<b>enterprises</b>	<b>17,4</b>	<b>17,4</b>	<b>19,3</b>	<b>19,6</b>	<b>18,9</b>	<b>19,0</b>
<b>natural persons-entrepreneurs</b>	<b>82,6</b>	<b>82,6</b>	<b>80,7</b>	<b>80,4</b>	<b>81,1</b>	<b>81,0</b>
Agriculture, forestry and fishing						
thsd. units	80,3	79,3	76,3	75,5	73,4	70,8
percent						
enterprises	63,1	59,0	66,2	66,6	67,4	67,4
natural persons-entrepreneurs	36,9	41,0	33,8	33,4	32,6	32,6
Industry						
thsd. units	152,0	135,1	126,0	130,3	126,3	121,8
percent						
enterprises	31,5	31,5	35,3	36,6	37,8	40,3
natural persons-entrepreneurs	68,5	68,5	64,7	63,4	62,2	59,7
Construction						
thsd. units	75,2	55,1	52,5	56,8	56,9	56,6
percent						
enterprises	50,8	52,9	56,3	56,1	55,5	55,7
natural persons-entrepreneurs	49,2	47,1	43,7	43,9	44,5	44,3
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. units	1197,3	989,1	818,2	834,2	826,2	777,4
percent						
enterprises	9,2	9,5	11,4	12,2	11,9	12,5
natural persons-entrepreneurs	90,8	90,5	88,6	87,8	88,1	87,5
Transportation and storage, postal and courier activities						
thsd. units	145,9	119,0	90,6	96,2	98,3	94,6
percent						
enterprises	9,3	12,7	17,8	18,2	17,9	18,6
natural persons-entrepreneurs	90,7	87,3	82,2	81,8	82,1	81,4
Accommodation and food service activities						
thsd. units	50,0	58,4	61,8	69,7	71,8	69,7
percent						
enterprises	19,5	13,2	12,2	11,3	10,7	10,8
natural persons-entrepreneurs	80,5	86,8	87,8	88,7	89,3	89,2
Information and communication						
thsd. units	56,0	116,1	174,6	206,1	234,2	284,2
percent						
enterprises	23,6	11,7	8,3	7,7	6,9	5,8
natural persons-entrepreneurs	76,4	88,3	91,7	92,3	93,1	94,2

## ACTIVITY OF ENTERPRISES

Table 25.2 continued

	2010	2015	2018	2019	2020	2021
Financial and insurance activities						
thsd. units	14,6	12,4	9,7	10,1	10,3	10,7
percent						
enterprises	40,4	36,0	42,5	41,7	40,8	40,2
natural persons-entrepreneurs	59,6	64,0	57,5	58,3	59,2	59,8
Real estate activities						
thsd. units	50,4	94,1	93,4	98,4	95,8	94,3
percent						
enterprises	54,8	34,8	38,9	39,6	38,4	38,3
natural persons-entrepreneurs	45,2	65,2	61,1	60,4	61,6	61,7
Professional, scientific and technical activities						
thsd. units	120,7	131,0	126,1	134,8	140,4	143,2
percent						
enterprises	26,7	22,7	22,8	22,8	21,2	20,6
natural persons-entrepreneurs	73,3	77,3	77,2	77,2	78,8	79,4
Administrative and support service activities						
thsd. units	72,6	47,4	49,2	53,8	53,7	54,2
percent						
enterprises	22,1	33,0	35,1	35,2	35,0	34,3
natural persons-entrepreneurs	77,9	67,0	64,9	64,8	65,0	65,7
Education						
thsd. units	10,8	10,9	13,2	15,4	16,7	17,9
percent						
enterprises	22,6	19,2	17,5	17,1	16,2	15,1
natural persons-entrepreneurs	77,4	80,8	82,5	82,9	83,8	84,9
Human health and social work activities						
thsd. units	18,2	21,7	25,0	31,0	37,6	34,6
percent						
enterprises	25,7	19,9	21,8	22,4	19,7	22,0
natural persons-entrepreneurs	74,3	80,1	78,2	77,6	80,3	78,0
Arts, entertainment and recreation						
thsd. units	11,9	14,9	13,8	15,2	15,7	15,9
percent						
enterprises	17,5	14,0	15,5	15,5	14,6	14,5
natural persons-entrepreneurs	82,5	86,0	84,5	84,5	85,4	85,5
Other services						
thsd. units	128,2	89,9	109,3	114,2	116,4	110,4
percent						
enterprises	3,6	4,3	3,1	3,0	2,7	2,7
natural persons-entrepreneurs	96,4	95,7	96,9	97,0	97,3	97,3

<sup>1</sup> See the footnote to Table 25.1

## ACTIVITY OF ENTERPRISES

**25.3. Number of employees at entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs**

	2010	2015	2018	2019	2020	2021
<b>Total<sup>1</sup>, thsd. persons</b>	<b>11000,5</b>	<b>8331,9</b>	<b>8661,4</b>	<b>9145,5</b>	<b>9057,1</b>	<b>9056,1</b>
<b>percent</b>						
<b>enterprises</b>	<b>74,4</b>	<b>72,5</b>	<b>70,3</b>	<b>71,5</b>	<b>71,7</b>	<b>71,9</b>
<b>natural persons-entrepreneurs</b>	<b>25,6</b>	<b>27,5</b>	<b>29,7</b>	<b>28,5</b>	<b>28,3</b>	<b>28,1</b>
Agriculture, forestry and fishing						
thsd. persons	811,7	642,6	626,1	610,2	575,9	576,1
percent						
enterprises	94,7	93,0	92,8	92,9	92,8	93,0
natural persons-entrepreneurs	5,3	7,0	7,2	7,1	7,2	7,0
Industry						
thsd. persons	3291,9	2417,8	2317,6	2254,4	2185,0	2167,1
percent						
enterprises	93,9	93,1	91,0	91,2	91,9	92,2
natural persons-entrepreneurs	6,1	6,9	9,0	8,8	8,1	7,8
Construction						
thsd. persons	524,0	282,5	312,3	344,4	329,1	349,8
percent						
enterprises	90,1	87,8	87,2	87,5	87,3	88,0
natural persons-entrepreneurs	9,9	12,2	12,8	12,5	12,7	12,0
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	2961,0	2202,1	2355,6	2385,3	2353,4	2337,4
percent						
enterprises	41,9	42,0	43,8	45,6	46,2	48,5
natural persons-entrepreneurs	58,1	58,0	56,2	54,4	53,8	51,5
Transportation and storage, postal and courier activities						
thsd. persons	1133,0	931,3	904,9	907,1	877,3	853,7
percent						
enterprises	82,0	83,4	84,2	83,6	83,1	83,2
natural persons-entrepreneurs	18,0	16,6	15,8	16,4	16,9	16,8
Accommodation and food service activities						
thsd. persons	249,3	195,2	269,8	281,7	248,0	250,5
percent						
enterprises	54,0	45,0	36,6	37,2	34,6	34,5
natural persons-entrepreneurs	46,0	55,0	63,4	62,8	65,4	65,5
Information and communication						
thsd. persons	284,4	275,1	331,6	370,1	383,4	437,1
percent						
enterprises	82,1	60,5	47,8	45,0	40,3	36,1
natural persons-entrepreneurs	17,9	39,5	52,2	55,0	59,7	63,9

## ACTIVITY OF ENTERPRISES

Table 25.3 continued

	2010	2015	2018	2019	2020	2021
Financial and insurance activities						
thsd. persons	318,8	214,8	208,7	212,4	209,6	205,5
percent						
enterprises	96,9	96,1	97,0	96,9	96,9	96,6
natural persons-entrepreneurs	3,1	3,9	3,0	3,1	3,1	3,4
Real estate activities						
thsd. persons	274,1	239,0	241,8	251,7	226,9	225,5
percent						
enterprises	88,6	70,2	69,5	69,8	68,4	68,5
natural persons-entrepreneurs	11,4	29,8	30,5	30,2	31,6	31,5
Professional, scientific and technical activities						
thsd. persons	405,7	318,7	309,5	339,9	328,8	336,7
percent						
enterprises	74,2	63,8	61,0	62,2	59,5	59,4
natural persons-entrepreneurs	25,8	36,2	39,0	37,8	40,5	40,6
Administrative and support service activities						
thsd. persons	337,9	291,5	272,0	303,8	301,1	301,9
percent						
enterprises	78,5	85,4	80,1	80,9	81,9	81,5
natural persons-entrepreneurs	21,5	14,6	19,9	19,1	18,1	18,5
Education						
thsd. persons	46,7	30,7	34,5	41,1	41,4	42,7
percent						
enterprises	76,4	63,8	49,9	51,8	51,0	48,7
natural persons-entrepreneurs	23,6	36,2	50,1	48,2	49,0	51,3
Human health and social work activities						
thsd. persons	112,1	110,2	271,6	631,3	793,7	772,9
percent						
enterprises	81,5	78,3	86,7	93,0	93,2	92,6
natural persons-entrepreneurs	18,5	21,7	13,3	7,0	6,8	7,4
Arts, entertainment and recreation						
thsd. persons	42,5	48,8	49,4	50,9	47,8	50,8
percent						
enterprises	67,1	64,1	54,0	54,6	55,0	56,5
natural persons-entrepreneurs	32,9	35,9	46,0	45,4	45,0	43,5
Other services						
thsd. persons	207,4	131,6	156,0	161,2	155,7	148,4
percent						
enterprises	20,5	17,9	10,9	12,1	11,1	11,9
natural persons-entrepreneurs	79,5	82,1	89,1	87,9	88,9	88,1

<sup>1</sup> See the footnote to Table 25.1

## ACTIVITY OF ENTERPRISES

**25.4. Number of wage-workers at entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs**

	2010	2015	2018	2019	2020	2021
<b>Total<sup>1</sup>, thsd. persons</b>	<b>9073,6</b>	<b>6589,5</b>	<b>7088,8</b>	<b>7418,8</b>	<b>7379,6</b>	<b>7368,7</b>
<b>percent</b>						
<b>enterprises</b>	<b>88,9</b>	<b>90,0</b>	<b>84,6</b>	<b>85,9</b>	<b>86,9</b>	<b>87,0</b>
<b>natural persons-entrepreneurs</b>	<b>11,1</b>	<b>10,0</b>	<b>15,4</b>	<b>14,1</b>	<b>13,1</b>	<b>13,0</b>
Agriculture, forestry and fishing						
thsd. persons	738,5	581,8	564,8	553,2	523,8	520,2
percent						
enterprises	98,1	97,9	96,6	96,7	96,7	96,7
natural persons-entrepreneurs	1,9	2,1	3,4	3,3	3,3	3,3
Industry						
thsd. persons	3178,5	2314,6	2227,6	2152,5	2098,4	2084,5
percent						
enterprises	97,0	96,8	94,3	94,6	95,3	95,4
natural persons-entrepreneurs	3,0	3,2	5,7	5,4	4,7	4,6
Construction						
thsd. persons	477,7	247,6	285,1	303,9	299,3	318,2
percent						
enterprises	96,9	96,6	94,0	94,0	94,5	94,7
natural persons-entrepreneurs	3,1	3,4	6,0	6,0	5,5	5,3
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1847,8	1280,9	1616,3	1616,7	1610,8	1634,7
percent						
enterprises	65,8	70,3	63,0	65,0	66,5	67,9
natural persons-entrepreneurs	34,2	29,7	37,0	35,0	33,5	32,1
Transportation and storage, postal and courier activities						
thsd. persons	996,7	823,6	828,0	822,0	794,2	773,3
percent						
enterprises	92,8	93,8	91,8	91,5	91,5	91,4
natural persons-entrepreneurs	7,2	6,2	8,2	8,5	8,5	8,6
Accommodation and food service activities						
thsd. persons	206,5	142,1	214,1	216,4	182,6	186,4
percent						
enterprises	63,9	60,2	45,4	46,8	46,3	45,3
natural persons-entrepreneurs	36,1	39,8	54,6	53,2	53,7	54,7
Information and communication						
thsd. persons	239,1	168,5	168,1	172,7	162,5	165,6
percent						
enterprises	96,6	96,3	92,2	92,3	93,4	93,1
natural persons-entrepreneurs	3,4	3,7	7,8	7,7	6,6	6,9

## ACTIVITY OF ENTERPRISES

Table 25.4 continued

	2010	2015	2018	2019	2020	2021
Financial and insurance activities						
thsd. persons	309,1	205,8	202,3	204,6	202,8	198,0
percent						
enterprises	99,6	99,8	99,7	99,7	99,8	99,7
natural persons-entrepreneurs	0,4	0,2	0,3	0,3	0,2	0,3
Real estate activities						
thsd. persons	242,9	168,0	179,8	176,3	162,7	160,6
percent						
enterprises	96,5	94,1	90,7	90,6	92,1	92,1
natural persons-entrepreneurs	3,5	5,9	9,3	9,4	7,9	7,9
Professional, scientific and technical activities						
thsd. persons	310,1	208,3	205,2	221,0	213,5	216,2
percent						
enterprises	94,8	93,2	88,5	89,0	89,4	89,4
natural persons-entrepreneurs	5,2	6,8	11,5	11,0	10,6	10,6
Administrative and support service activities						
thsd. persons	276,5	255,5	236,8	261,1	263,4	262,4
percent						
enterprises	94,1	95,8	90,5	91,1	92,6	92,2
natural persons-entrepreneurs	5,9	4,2	9,5	8,9	7,4	7,8
Education						
thsd. persons	37,6	21,3	23,0	27,1	27,0	26,9
percent						
enterprises	93,1	89,2	72,6	74,2	76,7	75,1
natural persons-entrepreneurs	6,9	10,8	27,4	25,8	23,3	24,9
Human health and social work activities						
thsd. persons	97,3	91,7	251,3	605,2	763,0	745,0
percent						
enterprises	92,7	92,9	93,4	96,6	96,9	96,0
natural persons-entrepreneurs	7,3	7,1	6,6	3,4	3,1	4,0
Arts, entertainment and recreation						
thsd. persons	32,4	35,4	37,2	37,1	33,7	36,6
percent						
enterprises	87,0	86,7	70,2	72,2	76,3	76,5
natural persons-entrepreneurs	13,0	13,3	29,8	27,8	23,7	23,5
Other services						
thsd. persons	82,9	44,4	49,2	49,0	41,9	40,1
percent						
enterprises	50,1	50,2	32,9	36,9	39,9	41,9
natural persons-entrepreneurs	49,9	49,8	67,1	63,1	60,1	58,1

<sup>1</sup>See the footnote to Table 25.1



## ACTIVITY OF ENTERPRISES

**25.5. Volume of the sold products (goods, services) of entities by type of economic activity and distribution into enterprises and natural persons-entrepreneurs**

	2010	2015	2018	2019	2020	2021
<b>Total<sup>1</sup>, mln. UAH</b>	<b>3692554,4</b>	<b>5716431,0</b>	<b>10148847,1</b>	<b>10725442,9</b>	<b>11285578,9</b>	<b>15240051,1</b>
<b>percent</b>						
<b>enterprises</b>	<b>93,8</b>	<b>93,0</b>	<b>92,5</b>	<b>91,8</b>	<b>91,0</b>	<b>91,0</b>
<b>natural persons-entrepreneurs</b>	<b>6,2</b>	<b>7,0</b>	<b>7,5</b>	<b>8,2</b>	<b>9,0</b>	<b>9,0</b>
Agriculture, forestry and fishing						
mln. UAH	103561,2	372033,4	540509,3	572748,3	624070,1	943489,3
percent						
enterprises	96,5	97,4	97,1	97,1	97,0	97,4
natural persons-entrepreneurs	3,5	2,6	2,9	2,9	3,0	2,6
Industry						
mln. UAH	1173801,8	1917185,6	3302543,6	3289388,9	3524673,5	4999408,2
percent						
enterprises	98,8	98,5	98,4	98,2	98,2	98,3
natural persons-entrepreneurs	1,2	1,5	1,6	1,8	1,8	1,7
Construction						
mln. UAH	101991,1	150540,5	322096,2	394919,4	444753,8	539503,3
percent						
enterprises	94,8	94,9	94,0	93,9	94,5	94,7
natural persons-entrepreneurs	5,2	5,1	6,0	6,1	5,5	5,3
Wholesale and retail trade; repair of motor vehicles and motorcycles						
mln. UAH	1555284,6	2159334,2	4110094,2	4345851,2	4519524,7	5994849,5
percent						
enterprises	90,4	90,5	91,6	91,1	90,0	89,8
natural persons-entrepreneurs	9,6	9,5	8,4	8,9	10,0	10,2
Transportation and storage, postal and courier activities						
mln. UAH	160170,2	322291,2	556047,4	603015,8	558433,9	654504,2
percent						
enterprises	89,8	91,2	90,3	90,0	89,2	88,7
natural persons-entrepreneurs	10,2	8,8	9,7	10,0	10,8	11,3
Accommodation and food service activities						
mln. UAH	16578,9	29069,3	63591,5	77863,2	66445,1	107285,4
percent						
enterprises	70,0	62,8	57,7	54,2	45,5	44,8
natural persons-entrepreneurs	30,0	37,2	42,3	45,8	54,5	55,2
Information and communication						
mln. UAH	73015,0	141479,6	273742,2	334865,3	395417,2	528450,7
percent						
enterprises	90,3	71,1	60,4	59,2	55,2	53,2
natural persons-entrepreneurs	9,7	28,9	39,6	40,8	44,8	46,8

## ACTIVITY OF ENTERPRISES

Table 25.5 continued

	2010	2015	2018	2019	2020	2021
Financial and insurance activities						
mIn. UAH	264857,9	236454,9	283551,6	306952,2	341735,9	395825,4
percent						
enterprises	98,7	99,0	98,7	98,5	98,5	98,5
natural persons-entrepreneurs	1,3	1,0	1,3	1,5	1,5	1,5
Real estate activities						
mIn. UAH	42242,0	90298,1	145225,5	166359,9	159090,2	192779,6
percent						
enterprises	86,4	83,4	79,7	81,2	79,9	78,7
natural persons-entrepreneurs	13,6	16,6	20,3	18,8	20,1	21,3
Professional, scientific and technical activities						
mIn. UAH	151520,8	206687,6	379452,1	395448,2	343195,1	451805,1
percent						
enterprises	95,0	87,4	85,6	83,5	78,3	78,2
natural persons-entrepreneurs	5,0	12,6	14,4	16,5	21,7	21,8
Administrative and support service activities						
mIn. UAH	28731,7	57318,1	99682,6	128567,0	127087,2	161138,9
percent						
enterprises	82,7	85,9	80,8	81,2	80,5	79,2
natural persons-entrepreneurs	17,3	14,1	19,2	18,8	19,5	20,8
Education						
mIn. UAH	1943,8	3101,7	6910,4	9905,6	11357,1	16649,7
percent						
enterprises	79,9	63,7	51,3	51,5	48,1	43,5
natural persons-entrepreneurs	20,1	36,3	48,7	48,5	51,9	56,5
Human health and social work activities						
mIn. UAH	7663,6	12991,0	31496,6	58517,3	130559,0	195372,0
percent						
enterprises	85,1	81,4	82,6	87,3	92,6	91,7
natural persons-entrepreneurs	14,9	18,6	17,4	12,7	7,4	8,3
Arts, entertainment and recreation						
mIn. UAH	3359,1	6955,5	13119,1	14948,4	12203,5	20969,0
percent						
enterprises	83,1	71,8	59,4	53,9	45,7	50,4
natural persons-entrepreneurs	16,9	28,2	40,6	46,1	54,3	49,6
Other services						
mIn. UAH	7832,7	10690,3	20784,8	26092,2	27032,6	38020,8
percent						
enterprises	29,3	31,6	23,5	22,2	19,8	18,7
natural persons-entrepreneurs	70,7	68,4	76,5	77,8	80,2	81,3

<sup>1</sup> See the footnote to Table 25.1

## ACTIVITY OF ENTERPRISES

**25.6. Distribution of large, medium, small and micro-enterprises by type of economic activity**

	2010	2015	2018	2019	2020	2021
<b>Total<sup>1</sup>, units</b>	<b>378810</b>	<b>343440</b>	<b>355877</b>	<b>380597</b>	<b>373822</b>	<b>370834</b>
<b>percent</b>						
<b>large enterprises</b>	<b>0,2</b>	<b>0,1</b>	<b>0,1</b>	<b>0,1</b>	<b>0,1</b>	<b>0,2</b>
<b>middle-sized enterprises</b>	<b>5,5</b>	<b>4,4</b>	<b>4,5</b>	<b>4,7</b>	<b>4,7</b>	<b>4,7</b>
<b>small enterprises</b>	<b>94,3</b>	<b>95,5</b>	<b>95,4</b>	<b>95,2</b>	<b>95,2</b>	<b>95,1</b>
<b>of which micro enterprises</b>	<b>79,3</b>	<b>82,8</b>	<b>82,3</b>	<b>82,3</b>	<b>82,4</b>	<b>82,2</b>
Agriculture, forestry and fishing						
units	50666	46744	50504	50239	49452	47753
percent						
large enterprises	0,0	0,1	0,0	0,1	0,1	0,1
middle-sized enterprises	6,8	5,4	4,6	4,5	4,3	4,4
small enterprises	93,2	94,5	95,4	95,4	95,6	95,5
of which micro enterprises	84,8	83,9	85,0	84,9	85,0	84,2
Industry						
units	47827	42564	44425	47679	47806	49059
percent						
large enterprises	0,7	0,6	0,5	0,6	0,5	0,6
middle-sized enterprises	12,8	11,0	11,0	10,5	10,3	9,9
small enterprises	86,5	88,4	88,5	88,9	89,2	89,5
of which micro enterprises	64,3	68,2	67,3	68,4	69,2	69,8
Construction						
units	38215	29165	29590	31869	31633	31500
percent						
large enterprises	0,0	0,0	0,0	0,0	0,1	0,1
middle-sized enterprises	3,9	2,7	2,9	2,9	2,9	2,9
small enterprises	96,1	97,3	97,1	97,1	97,0	97,0
of which micro enterprises	79,9	84,0	81,3	81,4	81,4	81,8
Wholesale and retail trade; repair of motor vehicles and motorcycles						
units	110154	93643	93590	101427	98369	97038
percent						
large enterprises	0,2	0,1	0,2	0,2	0,1	0,2
middle-sized enterprises	3,7	2,9	3,2	3,1	3,2	3,3
small enterprises	96,1	97,0	96,6	96,7	96,7	96,5
of which micro enterprises	82,7	86,1	85,3	85,7	85,7	85,1

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	2010	2015	2018	2019	2020	2021
Transportation and storage, postal and courier activities						
units	13603	15148	16085	17487	17584	17619
percent						
large enterprises	0,3	0,2	0,1	0,2	0,2	0,2
middle-sized enterprises	9,1	7,3	7,0	6,6	6,3	6,1
small enterprises	90,6	92,5	92,9	93,2	93,5	93,7
of which micro enterprises	69,0	75,7	75,5	76,5	76,4	76,4
Accommodation and food service activities						
units	9777	7700	7535	7885	7697	7560
percent						
large enterprises	0,0	0,0	0,0	0,1	0,0	0,0
middle-sized enterprises	4,3	3,2	3,5	3,4	3,2	3,0
small enterprises	95,7	96,8	96,5	96,5	96,8	97,0
of which micro enterprises	76,1	81,5	79,8	79,9	82,2	83,0
Information and communication						
units	13189	13617	14515	15917	16054	16384
percent						
large enterprises	0,1	0,0	0,0	0,1	0,0	0,1
middle-sized enterprises	3,1	2,5	2,3	2,2	2,2	2,2
small enterprises	96,8	97,5	97,7	97,7	97,8	97,7
of which micro enterprises	81,3	84,7	85,6	86,2	86,7	86,9
Financial and insurance activities						
units	5702	4333	4058	4129	4093	4162
percent						
large enterprises	0,1	0,0	0,0	0,1	0,2	0,3
middle-sized enterprises	7,7	6,8	6,6	7,1	7,4	7,4
small enterprises	92,2	93,2	93,4	92,8	92,4	92,3
of which micro enterprises	78,9	79,3	79,4	78,0	78,6	78,8
Real estate activities						
units	27603	32719	36332	38980	36798	36093
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
middle-sized enterprises	2,7	1,5	1,2	1,1	1,0	0,9
small enterprises	97,3	98,5	98,8	98,9	99,0	99,1
of which micro enterprises	83,7	89,9	91,5	91,6	91,7	91,9

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	2010	2015	2018	2019	2020	2021
Professional, scientific and technical activities						
units	32189	29780	28709	30704	29810	29556
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
middle-sized enterprises	2,9	2,1	1,9	1,9	1,9	1,9
small enterprises	97,1	97,9	98,1	98,1	98,1	98,1
of which micro enterprises	85,4	89,9	89,6	89,9	90,1	90,1
Administrative and support service activities						
units	16011	15646	17290	18917	18837	18587
percent						
large enterprises	0,0	0,0	0,0	0,0	0,0	0,0
middle-sized enterprises	6,6	5,7	4,9	4,5	4,4	4,4
small enterprises	93,4	94,3	95,1	95,5	95,6	95,6
of which micro enterprises	73,7	77,7	78,8	79,4	79,8	79,7
Education						
units	2454	2089	2318	2642	2741	2682
percent						
large enterprises	0,0	—	—	—	—	—
middle-sized enterprises	4,4	2,6	2,4	2,1	1,8	2,0
small enterprises	95,6	97,4	97,6	97,9	98,2	98,0
of which micro enterprises	76,4	82,3	83,4	83,0	83,9	84,3
Human health and social work activities						
units	4684	4307	5432	6942	7407	7569
percent						
large enterprises	—	—	—	0,0	0,0	0,1
middle-sized enterprises	6,3	6,2	18,4	31,2	34,4	32,9
small enterprises	93,7	93,8	81,6	68,8	65,6	67,0
of which micro enterprises	71,5	69,2	54,8	44,3	41,1	42,4
Arts, entertainment and recreation						
units	2078	2089	2135	2351	2335	2264
percent						
large enterprises	0,1	0,1	0,1	0,1	0,1	0,1
middle-sized enterprises	5,1	5,9	4,8	4,3	4,3	5,2
small enterprises	94,8	94,0	95,1	95,6	95,6	94,7
of which micro enterprises	82,7	82,1	80,6	81,2	82,6	81,4
Other services						
units	4658	3896	3359	3429	3206	3008
percent						
large enterprises	—	—	—	—	—	—
middle-sized enterprises	2,0	1,3	1,1	1,2	1,2	1,5
small enterprises	98,0	98,7	98,9	98,8	98,8	98,5
of which micro enterprises	79,2	86,8	89,3	89,2	89,3	89,0

<sup>1</sup> Without taking into account the results of banks

## ACTIVITY OF ENTERPRISES

**25.7. Distribution of employees at large, medium, small and micro-enterprises  
by type of economic activity**

	2010	2015	2018	2019	2020	2021
<b>Total<sup>1</sup>, thsd. persons</b>	<b>7958,2</b>	<b>5889,7</b>	<b>5959,5</b>	<b>6407,5</b>	<b>6366,1</b>	<b>6391,7</b>
<b>percent</b>						
<b>large enterprises</b>	<b>30,2</b>	<b>29,0</b>	<b>26,4</b>	<b>25,1</b>	<b>24,7</b>	<b>25,8</b>
<b>middle-sized enterprises</b>	<b>42,6</b>	<b>44,2</b>	<b>46,1</b>	<b>47,6</b>	<b>48,5</b>	<b>46,4</b>
<b>small enterprises</b>	<b>27,2</b>	<b>26,8</b>	<b>27,5</b>	<b>27,3</b>	<b>26,8</b>	<b>27,8</b>
<b>of which micro enterprises</b>	<b>10,5</b>	<b>11,7</b>	<b>11,8</b>	<b>12,1</b>	<b>11,3</b>	<b>12,2</b>
Agriculture, forestry and fishing						
thsd. persons	768,3	597,6	581,1	566,7	534,7	535,7
percent						
large enterprises	4,3	8,1	5,7	7,6	7,2	8,1
middle-sized enterprises	67,1	57,9	55,7	53,2	51,9	49,1
small enterprises	28,6	34,0	38,6	39,2	40,9	42,8
of which micro enterprises	13,2	14,9	17,9	17,4	18,2	19,6
Industry						
thsd. persons	3091,8	2252,1	2110,0	2056,4	2008,2	1998,7
percent						
large enterprises	45,3	39,0	34,7	34,7	34,3	36,0
middle-sized enterprises	43,0	48,8	51,2	51,6	50,5	48,1
small enterprises	11,7	12,2	14,1	13,7	15,2	15,9
of which micro enterprises	3,0	3,6	4,0	4,0	4,5	4,9
Construction						
thsd. persons	472,1	248,1	272,2	301,2	287,3	307,9
percent						
large enterprises	2,7	1,3	2,5	3,0	4,3	7,3
middle-sized enterprises	44,3	43,7	40,2	38,3	38,8	37,6
small enterprises	53,0	55,0	57,3	58,7	56,9	55,1
of which micro enterprises	19,2	24,4	23,2	25,0	22,6	23,0
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1241,1	925,7	1032,4	1087,0	1086,2	1132,9
percent						
large enterprises	21,1	26,7	29,2	30,9	32,0	33,5
middle-sized enterprises	34,6	34,3	34,5	33,3	33,6	31,7
small enterprises	44,3	39,0	36,3	35,8	34,4	34,8
of which micro enterprises	19,6	20,0	18,1	18,3	17,0	17,6

## ACTIVITY OF ENTERPRISES

Table 25.7 continued

	2010	2015	2018	2019	2020	2021
Transportation and storage, postal and courier activities						
thsd. persons	928,5	776,5	762,3	758,1	729,4	710,0
percent						
large enterprises	60,4	59,9	58,2	56,8	56,7	56,5
middle-sized enterprises	28,9	28,9	29,4	29,1	29,2	28,4
small enterprises	10,7	11,2	12,4	14,1	14,1	15,1
of which micro enterprises	3,0	4,0	4,4	5,3	5,0	5,6
Accommodation and food service activities						
thsd. persons	134,5	87,9	98,7	104,8	85,9	86,3
percent						
large enterprises	5,4	c	c	c	c	c
middle-sized enterprises	42,9	c	c	c	c	c
small enterprises	51,7	47,6	45,7	47,1	45,0	45,3
of which micro enterprises	19,1	19,0	17,4	17,9	18,0	18,9
Information and communication						
thsd. persons	233,5	166,4	158,4	166,6	154,4	158,0
percent						
large enterprises	39,3	27,9	18,8	17,6	18,5	16,5
middle-sized enterprises	26,8	32,8	38,8	36,9	36,6	38,1
small enterprises	33,9	39,3	42,4	45,5	44,9	45,4
of which micro enterprises	14,2	18,4	20,4	22,9	21,5	22,7
Financial and insurance activities						
thsd. persons	81,2	54,6	73,6	78,2	77,9	78,7
percent						
large enterprises	22,7	c	c	17,6	21,2	24,4
middle-sized enterprises	44,9	c	c	59,0	58,1	54,6
small enterprises	32,4	30,9	23,4	23,4	20,7	21,0
of which micro enterprises	14,6	15,2	11,3	12,3	10,3	10,8
Real estate activities						
thsd. persons	242,8	167,7	168,0	175,7	155,1	154,5
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	64,2	73,3	73,1	77,8	76,7	76,8
of which micro enterprises	26,9	40,7	42,3	47,2	43,6	44,7

## ACTIVITY OF ENTERPRISES

Table 25.7 continued

	2010	2015	2018	2019	2020	2021
Professional, scientific and technical activities						
thsd. persons	301,1	203,4	188,7	211,5	195,6	200,1
percent						
large enterprises	2,3	3,2	c	c	c	c
middle-sized enterprises	46,9	43,8	c	c	c	c
small enterprises	50,8	53,0	52,7	55,5	54,9	56,2
of which micro enterprises	24,8	30,5	29,5	32,8	30,8	32,5
Administrative and support service activities						
thsd. persons	265,2	249,0	217,8	245,8	246,7	245,9
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	40,9	34,2	36,2	38,8	39,9	41,7
of which micro enterprises	12,0	11,6	12,5	15,1	14,3	15,2
Education						
thsd. persons	35,7	19,6	17,2	21,3	21,1	20,8
percent						
large enterprises	c	—	—	—	—	—
middle-sized enterprises	c	38,8	35,5	30,7	33,2	32,4
small enterprises	48,6	61,2	64,5	69,3	66,8	67,6
of which micro enterprises	17,1	25,9	25,7	31,0	28,6	30,4
Human health and social work activities						
thsd. persons	91,4	86,3	235,4	586,9	740,0	715,9
percent						
large enterprises	—	—	—	c	c	1,8
middle-sized enterprises	63,3	61,1	87,8	c	c	90,0
small enterprises	36,7	38,9	12,2	6,2	7,2	8,2
of which micro enterprises	13,0	13,2	2,6	1,5	1,4	2,0
Arts, entertainment and recreation						
thsd. persons	28,5	31,3	26,7	27,8	26,3	28,7
percent						
large enterprises	c	9,7	c	c	c	c
middle-sized enterprises	c	60,7	c	c	c	c
small enterprises	35,5	29,6	38,1	39,7	38,9	37,5
of which micro enterprises	14,3	11,8	12,7	14,7	15,3	14,7
Other services						
thsd. persons	42,5	23,5	17,0	19,5	17,3	17,6
percent						
large enterprises	—	—	—	—	—	—
middle-sized enterprises	24,7	23,7	26,5	26,1	27,8	30,2
small enterprises	75,3	76,3	73,5	73,9	72,2	69,8
of which micro enterprises	29,9	39,2	37,5	41,4	38,9	38,2

<sup>1</sup> See the footnote to Table 25.6



## ACTIVITY OF ENTERPRISES

**25.8. Distribution of wage-workers at large, medium, small and micro-enterprises  
by type of economic activity**

	2010	2015	2018	2019	2020	2021
<b>Total<sup>1</sup>, thsd. persons</b>	<b>7836,4</b>	<b>5778,1</b>	<b>5870,6</b>	<b>6241,9</b>	<b>6288,4</b>	<b>6289,7</b>
<b>percent</b>						
<b>large enterprises</b>	<b>30,6</b>	<b>29,6</b>	<b>26,8</b>	<b>25,8</b>	<b>25,0</b>	<b>26,2</b>
<b>middle-sized enterprises</b>	<b>43,3</b>	<b>45,0</b>	<b>46,7</b>	<b>48,9</b>	<b>49,1</b>	<b>47,2</b>
<b>small enterprises</b>	<b>26,1</b>	<b>25,4</b>	<b>26,5</b>	<b>25,3</b>	<b>25,9</b>	<b>26,6</b>
<b>of which micro enterprises</b>	<b>9,7</b>	<b>10,2</b>	<b>10,6</b>	<b>10,0</b>	<b>10,4</b>	<b>10,9</b>
Agriculture, forestry and fishing						
thsd. persons	724,8	569,4	545,7	535,0	506,5	502,9
percent						
large enterprises	4,5	8,5	6,0	8,1	7,6	8,6
middle-sized enterprises	71,1	60,7	59,3	56,3	54,8	52,3
small enterprises	24,4	30,8	34,7	35,6	37,6	39,1
of which micro enterprises	8,4	10,9	12,9	12,9	14,0	14,7
Industry						
thsd. persons	3082,5	2241,4	2101,4	2037,1	2000,2	1988,8
percent						
large enterprises	45,5	39,1	34,8	35,0	34,4	36,1
middle-sized enterprises	43,1	49,0	51,4	52,0	50,7	48,3
small enterprises	11,4	11,9	13,8	13,0	14,9	15,6
of which micro enterprises	2,9	3,3	3,7	3,2	4,2	4,6
Construction						
thsd. persons	462,8	239,2	268,0	285,6	282,8	301,4
percent						
large enterprises	2,8	1,4	2,5	3,2	4,4	7,4
middle-sized enterprises	45,1	45,3	40,8	40,3	39,3	38,4
small enterprises	52,1	53,3	56,7	56,5	56,3	54,2
of which micro enterprises	18,9	21,8	22,2	21,4	21,5	21,4
Wholesale and retail trade; repair of motor vehicles and motorcycles						
thsd. persons	1215,1	899,9	1017,8	1051,2	1071,3	1110,6
percent						
large enterprises	21,5	27,5	29,6	31,9	32,4	34,2
middle-sized enterprises	35,4	35,2	35,0	34,5	34,1	32,3
small enterprises	43,1	37,3	35,4	33,6	33,5	33,5
of which micro enterprises	19,0	17,9	17,1	15,8	16,0	16,1

ACTIVITY OF ENTERPRISES

Table 25.8 continued

	2010	2015	2018	2019	2020	2021
Transportation and storage, postal and courier activities						
thsd. persons	924,5	772,7	760,0	751,8	727,0	706,7
percent						
large enterprises	60,6	60,2	58,3	57,3	56,9	56,7
middle-sized enterprises	29,1	29,0	29,5	29,3	29,3	28,6
small enterprises	10,3	10,8	12,2	13,4	13,8	14,7
of which micro enterprises	2,9	3,6	4,1	4,6	4,8	5,2
Accommodation and food service activities						
thsd. persons	132,0	85,5	97,2	101,3	84,5	84,4
percent						
large enterprises	5,5	c	c	c	c	c
middle-sized enterprises	43,8	c	c	c	c	c
small enterprises	50,7	46,2	44,9	45,3	44,2	44,1
of which micro enterprises	18,7	17,0	16,2	15,5	16,8	17,2
Information and communication						
thsd. persons	231,0	162,3	155,0	159,4	151,7	154,2
percent						
large enterprises	39,7	28,6	19,2	18,4	18,8	16,9
middle-sized enterprises	27,1	33,6	39,6	38,6	37,2	39,0
small enterprises	33,2	37,8	41,2	43,0	44,0	44,1
of which micro enterprises	13,9	16,5	18,8	19,7	20,2	20,9
Financial and insurance activities						
thsd. persons	80,1	53,5	72,8	76,3	77,1	77,6
percent						
large enterprises	23,0	c	c	18,1	21,4	24,7
middle-sized enterprises	45,5	c	c	60,4	58,6	55,4
small enterprises	31,5	29,6	22,6	21,5	20,0	19,9
of which micro enterprises	14,1	13,7	10,5	10,3	9,6	9,8
Real estate activities						
thsd. persons	234,4	158,1	163,0	159,7	149,9	147,9
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	62,9	71,7	72,3	75,6	75,9	75,8
of which micro enterprises	26,4	37,4	40,7	42,2	41,8	42,4

## ACTIVITY OF ENTERPRISES

Table 25.8 continued

	2010	2015	2018	2019	2020	2021
Professional, scientific and technical activities						
thsd. persons	294,0	194,2	181,7	196,7	190,9	193,3
percent						
large enterprises	2,3	3,4	c	c	c	c
middle-sized enterprises	48,0	45,9	c	c	c	c
small enterprises	49,7	50,7	50,9	52,2	53,8	54,7
of which micro enterprises	24,2	27,3	26,9	28,0	29,1	30,2
Administrative and support service activities						
thsd. persons	260,3	244,7	214,4	237,9	243,9	241,9
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	39,8	33,0	35,2	36,8	39,2	40,7
of which micro enterprises	11,7	10,1	11,2	12,6	13,4	28,5
Education						
thsd. persons	35,0	19,0	16,7	20,1	20,7	20,2
percent						
large enterprises	c	—	—	—	—	—
middle-sized enterprises	c	40,0	36,5	32,5	33,8	33,3
small enterprises	47,6	60,0	63,5	67,5	66,2	66,7
of which micro enterprises	16,7	24,0	23,7	27,6	27,3	28,5
Human health and social work activities						
thsd. persons	90,2	85,2	234,6	584,9	739,5	715,0
percent						
large enterprises	—	—	—	c	c	1,8
middle-sized enterprises	64,1	61,8	88,1	c	c	90,1
small enterprises	35,9	38,2	11,9	5,9	7,1	8,1
of which micro enterprises	12,7	12,3	2,3	1,3	1,4	1,9
Arts, entertainment and recreation						
thsd. persons	28,2	30,7	26,1	26,8	25,7	28,0
percent						
large enterprises	c	9,9	c	c	c	c
middle-sized enterprises	c	62,0	c	c	c	c
small enterprises	34,9	28,1	36,9	37,5	37,5	36,0
of which micro enterprises	14,1	10,0	11,1	11,8	13,5	12,7
Other services						
thsd. persons	41,5	22,3	16,2	18,1	16,7	16,8
percent						
large enterprises	—	—	—	—	—	—
middle-sized enterprises	25,3	25,0	27,7	28,2	28,7	31,5
small enterprises	74,7	75,0	72,3	71,8	71,3	68,5
of which micro enterprises	29,6	36,3	34,9	37,1	37,1	35,7

<sup>1</sup> See the footnote to Table 25.6

## ACTIVITY OF ENTERPRISES

**25.9. Distribution of the sold products (goods, services) of large, medium, small and micro-enterprises by type of economic activity**

	2010	2015	2018	2019	2020	2021
<b>Total<sup>1</sup>, mln. UAH</b>	<b>3366228,2</b>	<b>5159067,1</b>	<b>9206049,5</b>	<b>9639730,6</b>	<b>10049870,8</b>	<b>13616793,2</b>
percent						
<b>large enterprises</b>	<b>41,6</b>	<b>39,8</b>	<b>38,2</b>	<b>37,7</b>	<b>36,1</b>	<b>37,8</b>
<b>middle-sized enterprises</b>	<b>41,5</b>	<b>42,0</b>	<b>42,6</b>	<b>43,2</b>	<b>43,4</b>	<b>43,3</b>
<b>small enterprises</b>	<b>16,9</b>	<b>18,2</b>	<b>19,2</b>	<b>19,1</b>	<b>20,5</b>	<b>18,9</b>
<b>of which micro enterprises</b>	<b>5,4</b>	<b>6,0</b>	<b>6,5</b>	<b>6,4</b>	<b>7,0</b>	<b>6,3</b>
Agriculture, forestry and fishing						
mln. UAH	99891,4	362310,0	525096,9	556325,9	605483,1	918661,1
percent						
large enterprises	11,7	16,9	10,4	13,3	12,9	12,5
middle-sized enterprises	65,6	50,6	51,9	49,6	47,8	51,6
small enterprises	22,7	32,5	37,7	37,1	39,3	35,9
of which micro enterprises	10,0	9,4	11,6	11,8	12,8	11,2
Industry						
mln. UAH	1159231,4	1887535,4	3248378,6	3230045,2	3460666,4	4916736,2
percent						
large enterprises	64,3	57,1	55,1	53,6	49,2	53,2
middle-sized enterprises	31,1	36,6	37,9	39,5	42,9	39,6
small enterprises	4,6	6,3	7,0	6,9	7,9	7,2
of which micro enterprises	1,1	1,4	1,6	1,5	1,9	1,8
Construction						
mln. UAH	96725,3	142871,9	302718,0	370760,6	420084,3	510988,0
percent						
large enterprises	6,4	13,4	6,3	8,7	13,9	16,8
middle-sized enterprises	55,7	42,3	45,3	43,1	41,1	40,3
small enterprises	37,9	44,3	48,4	48,2	45,0	42,9
of which micro enterprises	12,9	16,2	16,4	15,1	13,8	13,5
Wholesale and retail trade; repair of motor vehicles and motorcycles						
mln. UAH	1406132,7	1953257,7	3764364,9	3958371,1	4068233,3	5385021,4
percent						
large enterprises	29,3	28,9	29,3	30,9	31,8	31,9
middle-sized enterprises	45,6	47,7	48,0	47,8	44,7	46,5
small enterprises	25,1	23,4	22,7	21,3	23,5	21,6
of which micro enterprises	8,0	8,1	8,0	7,1	8,2	7,2

## ACTIVITY OF ENTERPRISES

Table 25.9 continued

	2010	2015	2018	2019	2020	2021
Transportation and storage, postal and courier activities						
mIn. UAH	143791,5	293959,4	502228,6	542968,2	498243,7	580411,7
percent						
large enterprises	60,9	52,1	52,8	51,7	50,6	47,2
middle-sized enterprises	28,5	34,3	30,3	31,2	30,2	32,7
small enterprises	10,6	13,6	16,9	17,1	19,2	20,1
of which micro enterprises	3,2	4,6	5,5	6,0	6,7	7,1
Accommodation and food service activities						
mIn. UAH	11613,4	18250,0	36700,0	42201,9	30215,0	48059,1
percent						
large enterprises	13,1	c	c	c	c	c
middle-sized enterprises	55,7	c	c	c	c	c
small enterprises	31,2	29,4	34,1	33,3	32,4	30,6
of which micro enterprises	9,2	8,8	10,5	10,0	11,7	9,6
Information and communication						
mIn. UAH	65925,6	100590,4	165282,5	198276,7	218145,0	280979,7
percent						
large enterprises	49,8	38,3	31,0	31,6	31,2	28,5
middle-sized enterprises	29,9	36,0	38,0	37,3	36,5	39,4
small enterprises	20,3	25,7	31,0	31,1	32,3	32,1
of which micro enterprises	7,4	9,4	13,1	13,3	14,2	13,9
Financial and insurance activities						
mIn. UAH	165569,8	74175,6	97760,3	101088,8	113496,6	139477,2
percent						
large enterprises	6,2	c	c	7,8	14,0	21,7
middle-sized enterprises	87,8	c	c	72,4	66,2	59,3
small enterprises	6,0	15,6	21,0	19,8	19,8	19,0
of which micro enterprises	1,3	2,7	4,7	5,2	4,4	4,5
Real estate activities						
mIn. UAH	36482,9	75284,6	115807,3	135127,9	127075,0	151671,9
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	57,3	51,8	60,7	59,7	67,5	68,2
of which micro enterprises	20,3	22,0	31,4	30,5	33,6	34,3

ACTIVITY OF ENTERPRISES

Table 25.9 continued

	2010	2015	2018	2019	2020	2021
Professional, scientific and technical activities						
mIn. UAH	143937,3	180668,7	324960,4	330127,3	268661,3	353093,1
percent						
large enterprises	64,6	63,1	c	c	c	c
middle-sized enterprises	18,4	18,8	c	c	c	c
small enterprises	17,0	18,1	16,3	18,3	23,3	22,2
of which micro enterprises	6,6	7,5	7,3	8,7	11,0	10,5
Administrative and support service activities						
mIn. UAH	23768,9	49242,3	80538,1	104410,9	102332,5	127692,3
percent						
large enterprises	c	c	c	c	c	c
middle-sized enterprises	c	c	c	c	c	c
small enterprises	45,2	38,0	42,4	41,1	42,8	44,2
of which micro enterprises	16,0	12,8	17,7	17,3	18,5	18,7
Education						
mIn. UAH	1552,2	1975,6	3544,3	5104,2	5459,0	7244,5
percent						
large enterprises	c	—	—	—	—	—
middle-sized enterprises	c	42,8	38,2	37,2	39,6	39,9
small enterprises	38,9	57,2	61,8	62,8	60,4	60,1
of which micro enterprises	13,4	19,8	28,1	30,7	30,9	31,3
Human health and social work activities						
mIn. UAH	6523,4	10573,2	26005,1	51090,8	120838,4	179076,4
percent						
large enterprises	—	—	—	c	c	4,9
middle-sized enterprises	76,2	71,7	81,3	c	c	87,6
small enterprises	23,8	28,3	18,7	12,0	8,4	7,5
of which micro enterprises	6,2	6,1	3,1	2,5	1,5	1,4
Arts, entertainment and recreation						
mIn. UAH	2789,8	4995,1	7786,6	8050,8	5573,7	10559,2
percent						
large enterprises	c	39,6	c	c	c	c
middle-sized enterprises	c	33,9	c	c	c	c
small enterprises	26,5	26,5	39,0	47,3	43,0	41,4
of which micro enterprises	11,4	12,6	17,4	20,3	19,3	18,1
Other services						
mIn. UAH	2292,6	3377,2	4877,9	5780,3	5363,5	7121,4
percent						
large enterprises	—	—	—	—	—	—
middle-sized enterprises	42,3	46,1	35,2	34,3	36,2	40,1
small enterprises	57,7	53,9	64,8	65,7	63,8	59,9
of which micro enterprises	22,3	23,2	27,4	28,2	32,2	30,0

<sup>1</sup> See the footnote to Table 25.6

## ACTIVITY OF ENTERPRISES

## FINANCE OF THE ENTERPRISES

## 25.10. Enterprises' balance structure

	Balance, mln. UAH	Assets		
		fixed assets	working assets	fixed assets and groups disposal
<b>Total</b>				
2018	10878050,6	42,1	57,8	0,1
2019	11494975,4	42,1	57,8	0,1
2020	12682480,1	41,9	58,0	0,1
2021	14070487,8	40,1	59,8	0,1
Agriculture, forestry and fishing				
2018	983593,6	33,5	66,5	0,0
2019	1030366,7	37,8	62,2	0,0
2020	1130304,9	37,1	62,9	0,0
2021	1344872,4	34,7	65,3	0,0
Industry				
2018	3431936,8	44,2	55,8	0,0
2019	3639017,3	48,2	51,8	0,0
2020	3981332,5	45,6	54,3	0,1
2021	4673516,0	43,9	56,1	0,0
Construction				
2018	463461,0	28,9	70,8	0,3
2019	541815,4	27,0	72,9	0,1
2020	597073,1	28,1	71,8	0,1
2021	691398,0	24,0	75,9	0,1
Wholesale and retail trade; repair of motor vehicles and motorcycles				
2018	2313749,1	12,9	87,1	0,0
2019	2498322,7	13,9	86,0	0,1
2020	2681378,9	13,8	86,2	0,0
2021	2942658,9	13,4	86,6	0,0
Transportation and storage, postal and courier activities				
2018	1027836,6	74,5	25,5	0,0
2019	930387,7	72,9	27,1	0,0
2020	1200279,3	73,0	26,9	0,1
2021	1114777,9	69,1	30,8	0,1
Accommodation and food service activities				
2018	46083,9	64,0	35,9	0,1
2019	48679,0	62,5	37,4	0,1
2020	54873,0	63,9	36,1	0,0
2021	54249,8	63,1	36,9	0,0
Information and communication				
2018	171769,6	56,5	42,3	1,2
2019	191559,7	61,7	37,0	1,3
2020	218658,5	56,7	43,3	0,0
2021	233959,3	56,8	43,0	0,2

<sup>1</sup> See the footnote to Table 25.6

ACTIVITY OF ENTERPRISES

by type of economic activity<sup>1</sup>

(end of the year; percent)

own capital	Liabilities			obligations of fixed assets and disposal groups and net assets of private pension funds
	long-term liabilities and provision	current liabilities and provision		
24,9	16,2	58,9	0,0	
26,9	14,2	58,9	0,0	
26,3	15,1	58,6	0,0	
29,2	13,1	57,7	0,0	
49,1	8,4	42,5	0,0	
50,8	9,0	40,2	0,0	
54,2	6,8	39,0	0,0	
59,2	6,5	34,3	0,0	
18,8	17,5	63,7	0,0	
25,0	15,8	59,2	0,0	
21,1	18,6	60,3	0,0	
24,8	15,8	59,4	0,0	
×	23,9	77,5	0,1	
2,3	16,0	81,7	0,0	
3,0	14,0	83,0	0,0	
4,8	11,3	83,9	0,0	
4,4	10,8	84,8	0,0	
7,6	9,6	82,8	0,0	
8,8	9,4	81,8	0,0	
10,6	8,3	81,1	0,0	
54,4	16,5	29,1	0,0	
49,9	15,0	35,1	0,0	
51,5	16,0	32,5	0,0	
50,3	13,6	36,1	0,0	
6,1	37,6	56,3	0,0	
12,7	29,2	58,1	0,0	
9,8	30,1	60,1	0,0	
17,0	21,5	61,5	0,0	
22,6	26,6	50,8	0,0	
26,3	20,9	52,8	0,0	
25,3	29,1	45,6	0,0	
34,7	24,7	40,6	0,0	



ACTIVITY OF ENTERPRISES

	Balance, mln. UAH	Assets		
		fixed assets	working assets	fixed assets and groups disposal
Financial and insurance activities				
2018	415714,2	37,8	61,7	0,5
2019	476069,0	31,9	67,6	0,5
2020	553297,1	28,9	70,6	0,5
2021	711051,4	30,2	69,5	0,3
Real estate activities				
2018	699137,4	55,4	44,4	0,2
2019	750855,1	55,5	44,4	0,1
2020	816998,3	56,3	43,6	0,1
2021	802572,5	58,2	41,7	0,1
Professional, scientific and technical activities				
2018	871965,4	60,7	39,3	0,0
2019	905989,2	51,9	48,1	0,0
2020	856862,7	56,0	44,0	0,0
2021	903371,6	60,3	39,7	0,0
Administrative and support service activities				
2018	371192,5	76,1	23,9	0,0
2019	355819,5	69,5	30,4	0,1
2020	385520,9	66,6	33,3	0,1
2021	362385,3	66,0	33,9	0,1
Education				
2018	4345,9	64,4	35,6	0,0
2019	6006,9	60,0	39,9	0,1
2020	9728,8	71,1	28,9	0,0
2021	8546,1	49,0	51,0	0,0
Human health and social work activities				
2018	26936,7	68,9	31,1	0,0
2019	66625,3	76,3	23,7	0,0
2020	142217,9	69,4	30,6	0,0
2021	166743,0	72,0	28,0	0,0
Arts, entertainment and recreation				
2018	40533,7	72,3	27,7	0,0
2019	42577,9	80,6	19,4	0,0
2020	42892,0	76,4	23,6	0,0
2021	51594,1	74,4	25,6	0,0
Other services				
2018	9794,2	67,2	32,8	0,0
2019	10884,0	64,1	35,9	0,0
2020	11062,2	59,5	40,5	0,0
2021	8791,5	59,6	40,4	0,0

## ACTIVITY OF ENTERPRISES

Table 25.10 continued

own capital	Liabilities		
	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets and disposal groups and net assets of private pension funds
36,0	24,0	39,4	0,6
35,5	16,2	47,7	0,6
36,7	15,4	47,3	0,6
39,7	13,6	46,2	0,5
0,5	36,1	63,4	0,0
12,7	25,2	62,1	0,0
9,7	26,5	63,8	0,0
17,1	23,5	59,4	0,0
55,2	9,6	35,2	0,0
52,1	12,4	35,5	0,0
48,0	13,8	38,2	0,0
51,9	11,7	36,4	0,0
58,4	8,2	33,4	0,0
36,9	15,2	47,9	0,0
35,6	12,3	52,1	0,0
38,3	14,0	47,7	0,0
41,1	16,9	42,0	0,0
25,7	22,8	51,5	0,0
52,4	5,2	42,4	0,0
22,2	12,5	65,3	0,0
49,3	17,9	32,8	0,0
69,9	8,8	21,3	0,0
66,7	11,1	22,2	0,0
64,6	12,2	23,2	0,0
35,3	23,1	41,6	0,0
40,6	9,5	49,9	0,0
44,1	10,4	45,5	0,0
39,3	13,0	47,7	0,0
48,1	3,9	47,9	0,1
44,7	6,1	49,2	0,0
44,6	1,2	54,2	0,0
42,7	1,2	56,1	0,0

## ACTIVITY OF ENTERPRISES

**25.11. Financial outcome before taxation, by type of economic activity<sup>1</sup>***(mln. UAH)*

	2010	2015	2018	2019	2020	2021
<b>Total</b>						
<b>financial outcome (balance)</b>	<b>58334,0</b>	<b>-340126,6</b>	<b>429129,3</b>	<b>664849,8</b>	<b>303219,3</b>	<b>1119261,7</b>
<b>profit</b>	<b>212008,6</b>	<b>475321,2</b>	<b>746530,5</b>	<b>933160,0</b>	<b>848622,7</b>	<b>1352088,2</b>
<b>loss</b>	<b>153674,6</b>	<b>815447,8</b>	<b>317401,2</b>	<b>268310,2</b>	<b>545403,4</b>	<b>232826,5</b>
<b>share of enterprises that made a loss</b>	<b>41,0</b>	<b>26,3</b>	<b>25,7</b>	<b>26,0</b>	<b>28,6</b>	<b>26,7</b>
<b>Agriculture, forestry and fishing</b>						
financial outcome (balance)	17291,8	103137,6	71478,5	94041,4	82230,6	239982,5
profit	22306,1	128880,2	94402,3	116561,3	108581,4	248315,2
loss	5014,3	25742,6	22923,8	22519,9	26350,8	8332,7
share of enterprises that made a loss	30,5	11,5	13,7	16,9	17,3	11,7
<b>Industry</b>						
financial outcome (balance)	31221,1	-181360,9	154138,2	166753,2	-22289,6	449515,3
profit	68933,1	90315,9	277850,4	283690,5	210676,8	541747,4
loss	37712,0	271676,8	123712,2	116937,3	232966,4	92232,1
share of enterprises that made a loss	41,3	27,1	27,2	27,9	30,3	28,7
<b>Construction</b>						
financial outcome (balance)	-4418,2	-25074,1	6433,9	15974,8	-2047,8	8370,6
profit	4905,1	5648,1	15411,8	24958,7	16418,9	17691,5
loss	9323,3	30722,2	8977,9	8983,9	18466,7	9320,9
share of enterprises that made a loss	44,7	28,9	27,2	26,2	29,1	29,0
<b>Wholesale and retail trade; repair of motor vehicles and motorcycles</b>						
financial outcome (balance)	14883,5	-80564,3	86290,5	129113,3	45272,0	145861,9
profit	42655,9	56898,4	116641,6	159827,3	118199,0	184883,9
loss	27772,4	137462,7	30351,1	30714,0	72927,0	39022,0
share of enterprises that made a loss	37,5	23,9	22,8	22,9	25,6	22,9
<b>Transportation and storage, postal and courier activities</b>						
financial outcome (balance)	5058,9	-13921,8	-22661,6	14414,8	17013,3	31246,8
profit	10387,7	23093,7	31475,4	44391,5	67223,5	60112,5
loss	5328,8	37015,5	54137,0	29976,7	50210,2	28865,7
share of enterprises that made a loss	45,4	29,1	25,9	26,2	28,3	27,7
<b>Accommodation and food service activities</b>						
financial outcome (balance)	-548,1	-7094,4	2886,5	4648,0	-4440,9	5347,2
profit	619,8	771,4	4393,3	6205,9	2059,2	7002,7
loss	1167,9	7865,8	1506,8	1557,9	6500,1	1655,5
share of enterprises that made a loss	42,7	28,1	28,6	29,1	40,9	36,3
<b>Information and communication</b>						
financial outcome (balance)	4101,4	-10166,6	18181,0	24838,8	16961,1	34002,5
profit	8168,5	12057,3	23846,7	29818,4	29652,8	40332,8
loss	4067,1	22223,9	5665,7	4979,6	12691,7	6330,3
share of enterprises that made a loss	41,0	29,0	29,6	28,5	28,9	30,1

## ACTIVITY OF ENTERPRISES

Table 25.11 continued

	2010	2015	2018	2019	2020	2021
Financial and insurance activities						
financial outcome (balance)	15627,0	-171,3	84667,0	69326,6	196913,0	128070,5
profit	38445,2	103182,0	110930,0	92632,9	214119,8	136851,7
loss	22818,2	103353,3	26263,0	23306,3	17206,8	8781,2
share of enterprises that made a loss	41,1	36,7	35,5	32,5	32,7	31,4
Real estate activities						
financial outcome (balance)	-6537,7	-63470,1	16,3	47317,5	-36027,1	16729,4
profit	4743,7	39330,9	23108,9	62345,0	24280,3	35632,3
loss	11281,4	102801,0	23092,6	15027,5	60307,4	18902,9
share of enterprises that made a loss	50,1	39,4	36,4	33,7	39,2	38,8
Professional, scientific and technical activities						
financial outcome (balance)	-15110,3	-47964,1	26147,7	84025,1	-9583,4	44370,1
profit	8218,6	10023,2	34778,2	89920,5	21489,7	50700,2
loss	23328,9	57987,3	8630,5	5895,4	31073,1	6330,1
share of enterprises that made a loss	42,5	30,4	30,0	30,3	31,5	31,5
Administrative and support service activities						
financial outcome (balance)	-1578,5	-9425,1	482,5	11446,8	875,3	9477,1
profit	1606,8	3797,8	10398,4	15749,7	12380,3	14159,8
loss	3185,3	13222,9	9915,9	4302,9	11505,0	4682,7
share of enterprises that made a loss	44,0	30,7	29,7	29,4	34,0	30,0
Education						
financial outcome (balance)	88,3	105,3	178,6	377,7	143,8	126,7
profit	163,1	225,7	363,5	558,2	551,5	541,4
loss	74,8	120,4	184,9	180,5	407,7	414,7
share of enterprises that made a loss	35,7	28,5	30,0	31,1	33,6	33,9
Human health and social work activities						
financial outcome (balance)	9,8	-961,1	1249,3	1990,8	19616,0	8466,7
profit	406,5	547,7	2204,0	4327,5	21672,2	12320,0
loss	396,7	1508,8	954,7	2336,7	2056,2	3853,3
share of enterprises that made a loss	39,3	30,2	30,6	28,9	23,9	29,1
Arts, entertainment and recreation						
financial outcome (balance)	-1784,6	-3489,2	-496,1	120,3	-1540,3	-2608,4
profit	248,2	109,0	468,6	1587,0	907,1	1345,1
loss	2032,8	3598,2	964,7	1466,7	2447,4	3953,5
share of enterprises that made a loss	48,7	37,4	36,5	34,6	46,6	43,9
Other services						
financial outcome (balance)	29,6	293,5	137,0	460,7	123,3	302,8
profit	200,3	439,9	257,4	585,6	410,2	451,7
loss	170,7	146,4	120,4	124,9	286,9	148,9
share of enterprises that made a loss	37,9	27,5	28,3	27,3	32,9	31,3

<sup>1</sup> See the footnote to Table 25.1

## ACTIVITY OF ENTERPRISES

**25.12. Profitability of operational activity, by type of economic activity<sup>1</sup>***(percent)*

	Rate profitability (upprofitability)					
	2010	2015	2018	2019	2020	2021
<b>Total</b>	<b>4,0</b>	<b>1,0</b>	<b>8,1</b>	<b>10,2</b>	<b>6,2</b>	<b>12,6</b>
Agriculture, forestry and fishing	22,9	41,7	18,3	19,2	18,6	40,3
Industry	3,5	0,9	6,3	5,5	3,9	11,2
Construction	-1,5	-7,6	3,0	4,6	1,3	2,3
Wholesale and retail trade; repair of motor vehicles and motorcycles	9,8	-0,9	23,3	25,3	16,2	17,9
Transportation and storage, postal and courier activities	5,6	1,1	-1,6	4,1	4,4	5,8
Accommodation and food service activities	-1,8	-17,3	8,6	10,1	-7,9	9,0
Information and communication	7,4	0,5	13,1	15,4	14,7	15,6
Financial and insurance activities	3,5	-8,9	1,2	7,8	3,5	8,8
Real estate activities	0,3	-33,4	16,3	34,7	-6,3	15,5
Professional, scientific and technical activities	-6,6	-1,1	8,9	26,2	2,4	4,1
Administrative and support service activities	-3,3	-11,9	0,1	7,0	5,5	7,1
Education	4,9	5,7	5,8	11,0	7,1	5,6
Human health and social work activities	4,0	-0,6	3,7	3,0	11,2	0,0
Arts, entertainment and recreation	-26,9	-25,3	-1,5	1,0	-10,6	-12,5
Other services	4,3	7,3	2,7	6,1	3,4	3,5

<sup>1</sup> See the footnote to Table 25.6

## 26. SCIENCE AND INNOVATIONS

The section includes the indicators characterizing the organisations' (enterprises') activity regarding the R&D performance and innovation activity of Ukraine's industrial enterprises. Also, it takes into account the activity of universities, state and non-profit research organisations.

**R&D** refers to fundamental, applied scientific and scientific and technical (experimental) developments.

**Fundamental R&D** are the theoretical and experimental R&D targeted to obtain the new knowledge about the regularities to organize and develop the nature, society, human being, their relationships. The result of the fundamental R&D are the hypotheses, theories, new methods of perception, the opening of nature laws, the phenomena and matter properties unknown before, regularities exposure of household development, etc that are not oriented toward direct practical usage in the sphere of economy.

**Applied R&D** are the theoretical and experimental R&D targeted to obtain and employ the new knowledge for practical purposes. The result of the applied R&D is the new knowledge targeted to create the new materials or improve the existing ones, as well as products, devices, methods, systems, technologies, concrete proposals on performance of relevant scientific and technical, and social tasks.

**Scientific and technical (experimental) developments** are the scientific and technical activity based on scientific knowledge that is obtained as a result of scientific research and practical experience. It is implemented in order to bring this knowledge to the stage of practical usage. The result of the scientific and technical (experimental) developments is the

new or significantly improved materials, products, processes, devices, technologies, systems, intellectual property rights, new or significantly improved services.

**Spending for R&D performance** is the general sum of spending for R&D performance using organisation's own resources. The spending includes internal current expenses (labour costs, material costs, other current expenses) and capital costs related to the implementation of R&D.

**The R&D performers** are researchers, technicians and supporting staff from independent scientific and research, design, drawing-and-designing organisations as well as employees of laboratories or separate units at tertiary educational institutions or enterprises whose main activity is R&D performance.

**Researchers** are the scientific and engineers 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 that directly manage the research process (including the chiefs of scientific organisations and units that perform R&D). Researchers, as a rule, have tertiary education of the second, third or scientific level (in line with Ukraine's law *On tertiary 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, technical, social or humanitarian sciences and who participate in the R&D performance by performing technical functions under the supervision of researchers (software development;

bibliographical retrieval and selection of the relevant materials from archives and libraries; accomplishments of experiments, trials and analysis; measurement registration, the making of the calculations, preparation of the drawings and schemes; the undertaking of 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*).

**Auxiliary personnel** are workers who perform the auxiliary functions connected with R&D performance: workers of planning and economic, financial units, patent offices, 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 tertiary education.

**Innovatively active industrial enterprises** are enterprises that have been engaged in innovative activities (developed or implemented new or improved products and innovation processes) during a certain period of observation.

**Innovative activity** is activity that aimed at the use and commercialization of R&D results and leads to the release of new competitive goods and services.

**Innovations** are newly created (applied) and (or) improved competitive technologies, products or services, as well as organizational and technical solutions of production, administrative, commercial or other nature, which significantly improve the structure and quality of production and (or) social sphere.

**Innovative products (goods, services)** are the new or improved good, service and/or technology which significantly differs from those existing on the market or creates a new demand and is available for consumption by consumers/users. Innovation products are split into the new for market and the new for enterprise.

**Innovation implementation** implies the putting into service of any new or significantly improved product (good, service) or process, new method for marketing or new organizational method in enterprise activity, organization of work places or external ties.

## SCIENCE AND INNOVATIONS

**26.1. Number of employees engaged in R&D performance, by category of staff***(persons)*

	Total			Of which women		
	2019	2020	2021	2019	2020	2021
<b>Number of employees engaged in R&amp;D performance</b>	<b>79262</b>	<b>78860</b>	...	<b>36989</b>	<b>37501</b>	...
researchers	51121	51427	...	22649	23338	...
technicians	7470	7117	...	4511	4137	...
auxiliary staff	20671	20316	...	9829	10026	...

**26.2. Number of employees engaged in R&D performance, by education level***(persons)*

	Total			Of which women		
	2019	2020	2021	2019	2020	2021
<b>Number of employees engaged in R&amp;D performance</b>	<b>79262</b>	<b>78860</b>	...	<b>36989</b>	<b>37501</b>	...
have tertiary education	68744	68060	...	32364	32277	...
Doctors of Science	6526	7060	...	1766	2053	...
PH.D. (candidates of Sciences)	16929	17949	...	7900	8530	...
Masters (specialists)	39148	37406	...	19489	18670	...
bachelors (junior bachelors, junior specialist)	6141	5645	...	3209	3024	...
other educational levels	10518	10800	...	4625	5224	...

**26.3. Number of employees engaged in R&D performance, by branch of science***(persons)*

	Total			Of which women		
	2019	2020	2021	2019	2020	2021
<b>Number of employees engaged in R&amp;D performance</b>	<b>79262</b>	<b>78860</b>	...	<b>36989</b>	<b>37501</b>	...
by branch of science						
natural	21305	21106	...	10039	10064	...
engineering and technical	39033	36837	...	14982	14286	...
medical science and science of health	4192	4914	...	2993	3384	...
agricultural and veterinary science	6508	6212	...	3711	3611	...
social	6096	7187	...	3994	4565	...
humanitarian science and art	2128	2604	...	1270	1591	...



SCIENCE AND INNOVATIONS

**26.4. Number of researchers, engaged in R&D performance, by age group**

(persons)

	Total			Of which women		
	2019	2020	2021	2019	2020	2021
<b>Number of researchers engaged in R&amp;D performance</b>	<b>51121</b>	<b>51427</b>	...	<b>22649</b>	<b>23338</b>	...
of whom those aged						
less than 25	955	949	...	361	369	...
25–34	3582	3165	...	1640	1403	...
35–39	5602	5418	...	2644	2700	...
40–44	6198	6239	...	3181	3256	...
45–54	5367	5714	...	2576	2780	...
55–64	4606	4927	...	2251	2434	...
65 and older	10304	10744	...	3127	3334	...

**26.5. Spending for R&D, by type of spending**

(mln. UAH)

	2019	2020	2021
<b>Spending for R&amp;D</b>	<b>17254,6</b>	<b>17022,4</b>	...
current spending	16330,0	16350,9	...
of which labour costs	8758,3	9211,3	...
other current spending	7571,7	7139,6	...
capital spending	924,6	671,5	... ..
of which for equipment	513,0	334,6	

SCIENCE AND INNOVATIONS

**26.6. Indicators of innovation activity of industrial enterprises<sup>1,2</sup>**

	2010	2015	2018	2019	2020	2021
<b>Number of innovatively active industrial enterprises</b>						
Total, units	1462	824	777	782	809	...
percent of total number of industrial enterprises	13,8	17,3	16,4	15,8	16,8	...
<b>Spending of innovation industrial enterprises</b>						
Total, mln. UAH	8045,5	13813,7	12180,1	14220,9	14406,9	...
percent of total volume of the sold products (goods, services) industrial enterprises	0,9	0,8	0,4	0,6	0,6	...
percent of total volume of the sold products (goods, services) active industrial enterprises	2,1	2,2	1,4	1,4	1,4	...
<b>Number of industrial enterprises that implemented innovation (products and/or innovation processes)</b>						
Total, units	1217	723	739	687	718	...
percent of total number of industrial enterprises	11,5	15,2	15,6	13,8	14,9	...
<b>Number of innovation products (goods, services) authorized by industrial enterprises</b>						
Total, units	2408	3136	3843	2148	4066	...
of which new and/or improved types of machinery, equipment	663	966	920	760	647	...
<b>Volume of the sold innovation industrial products (goods, services)</b>						
Total, mln. UAH	33697,6	23050,1	24861,1	34264,9	47526,2	...
percent of total volume of the sold products (goods, services) industrial enterprises	3,8	1,4	0,8	1,3	1,9	...

<sup>1</sup> For 2010, data on legal persons and separate units of legal persons who are taking industrial activity

<sup>2</sup> For 2015/2020, data are presented on legal persons that are taking industrial activity with the average number of employees 50 and more

SCIENCE AND INNOVATIONS

**26.7. Expenses for innovations of industrial enterprises by innovation activity area**

	2015		2019		2020		2021	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
<b>Total</b>	<b>13813,7</b>	<b>100,0</b>	<b>14220,9</b>	<b>100,0</b>	<b>14406,9</b>	<b>100,0</b>	...	...
including by purpose								
R&D, performed on the their own	1834,1	13,3	2449,9	17,2	2650,4	18,4	...	...
R&D, performed by other enterprises	205,4	1,5	469,0	3,3	835,9	5,8	...	...
other innovation costs (except R&D)	11774,2	85,2	11302,0	79,5	10920,6	75,8	...	...

**26.8. Expenses for innovations of industrial enterprises by source of financing**

	2015		2019		2020		2021	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
<b>Total</b>	<b>13813,7</b>	<b>100,0</b>	<b>14220,9</b>	<b>100,0</b>	<b>14406,9</b>	<b>100,0</b>	...	...
including on account of								
Central budget	55,1	0,4	556,5	3,9	279,5	1,9	...	...
local budgets	38,4	0,3	109,9	0,8	51,1	0,4	...	...
own funds	13427,0	97,2	12474,9	87,7	12297,9	85,4	...	...
funds of resident investors	74,3	0,5	72,3	0,5	45,3	0,3	...	...
funds of non-resident investors	58,6	0,4	42,5	0,3	125,3	0,9	...	...
other sources	160,3	1,2	964,8	6,8	1607,8	11,1	...	...

SCIENCE AND INNOVATIONS

**26.9. Number of industrial enterprises that implemented innovation  
(products and/or technological processes)**

(units)

	2019		2020		2021	
	total, units	percentage of total industrial enterprises	total, units	percentage of total industrial enterprises	total, units	percentage of total industrial enterprises
<b>Total</b>	<b>687</b>	<b>13,8</b>	<b>718</b>	<b>14,9</b>	...	...
including						
implemented new technological processes	478	9,6	532	11,1	...	...
implemented new or significantly improved products (goods, services)	336	6,8	585	12,2	...	...
of which						
new types of machines	137	2,8	121	2,5	...	...

**26.10. Number of the innovative products (goods, services) implemented by industrial enterprises**

(units)

	2010	2015	2019	2020	2021
<b>Number of introduced innovative products (goods, services)</b>	<b>2408</b>	<b>3136</b>	<b>2148</b>	<b>4066</b>	...
of which new to the market	606	548	418	691	...
<b>Number of new and/or improved types of machines, equipment</b>	<b>663</b>	<b>966</b>	<b>760</b>	<b>647</b>	...
of which new to the market	298	310	171	216	...

**26.11. Amount of innovation industrial products sold (goods, services)**

(mln. UAH)

	2010	2015	2019	2020	2021
<b>Total</b>	<b>33697,6</b>	<b>23050,1</b>	<b>34264,9</b>	<b>47526,2</b>	...
including new products	10995,1	7284,2	6826,2	6778,9	...

## 27. INTERNATIONAL COMPARISONS<sup>1</sup>

### 27.1. Area and population in 2020

Country	Area, thsd.sq.km	Population on average per year, mln.	Population growth rate (decrease) over 2019, percent	Capital
<b>Ukraine</b>	<b>603,5</b>	<b>41,6<sup>2</sup></b>	<b>-0,7</b>	<b>Kyiv</b>
Austria	83,9	8,9	0,5	Vienna
Azerbaijan	86,6	...	0,8	Baku
Albania	28,7	...	-0,4	Tirana
Belgium	30,5	11,5	0,5	Brussels
belarus	207,6	...	-0,2	Minsk
Bulgaria	111,0	6,9	-0,7	Sofia
Bosnia and Herzegovina	51,2	...	-0,1	Sarajevo
United Kingdom of Great Britain and Northern Ireland	242,9	...	0,5	London
Armenia	29,7	...	-0,2	Yerevan
Greece	132,0	10,7	-0,1	Athens
Georgia	69,7	...	-0,2	Tbilisi
Denmark	43,1	5,8	0,4	Copenhagen
Estonia	45,2	1,3	0,4	Tallinn
Israel	22,1	...	1,9	Jerusalem
Ireland	70,3	5,0	1,4	Dublin
Iceland	103,0	0,4	2,2	Reykjavik
Spain	506,0	47,4	0,8	Madrid
Italy	301,3	59,4	-0,2	Rome
Kazakhstan	2724,9	...	1,0	Nur-Sultan
Canada	9970,6	...	1,4	Toronto
Kyrgyzstan	199,9	...	1,4	Bishkek
Cyprus	9,3	0,9	1,4	Nicosia
Latvia	64,6	1,9	-0,7	Riga
Lithuania	65,3	2,8	-0,3	Vilnius
Liechtenstein	0,2	0,04	0,8	Vaduz

<sup>1</sup> Information is available from the United Nations Economic Commission for Europe statistical data base

## INTERNATIONAL COMPARISONS

Table 27.1 continued

Country	Area, thsd.sq.km	Population on average per year, mln.	Population growth rate (decrease) over 2019, percent	Capital
Luxembourg	2,6	0,6	2,1	Luxemburg
Malta	0,3	0,5	4,0	Valletta
Netherlands	41,5	17,4	0,7	Amsterdam
Germany	357,0	83,2	0,2	Berlin
Norway	323,8	5,4	0,7	Oslo
North Macedonia	25,7	...	0,0	Skopje
Poland	312,7	37,9	-0,1	Warsaw
Portugal	92,0	10,3	0,0	Lisbon
Moldova, Republic of	33,8	...	...	Chisinau
russian federation	17075,4	...	...	Moscow
Romania	238,4	19,3	-0,5	Bucharest
Serbia	88,4	...	-0,5	Belgrade
Slovakia	49,0	5,5	0,1	Bratislava
Slovenia	20,3	2,1	0,8	Ljubljana
USA	9629,1	...	0,7	Washington
Tajikistan	143,1	...	2,0	Dushanbe
Turkey	774,8	83,4	1,4	Ankara
Turkmenistan	488,1	...	1,6	Ashgabat
Hungary	93,0	9,8	0,0	Budapest
Uzbekistan	447,4	...	1,4	Tashkent
Finland	338,2	5,5	0,1	Helsinki
France	551,5	67,5	0,3	Paris
Croatia	56,5	4,0	-0,6	Zagreb
Czechia	78,9	10,7	0,4	Prague
Montenegro	13,8	...	0,0	Podgorica
Switzerland	41,3	8,6	0,7	Bern
Sweden	450,0	10,4	1,0	Stockholm

<sup>2</sup> Resident population

## INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	<b>1,1</b>	<b>1,2</b>	<b>1,4</b>	<b>1,5<sup>1</sup></b>	<b>1,4<sup>1</sup></b>	<b>1,3<sup>1</sup></b>	<b>1,2<sup>1</sup></b>	<b>1,2<sup>1</sup></b>
Austria	1,4	1,4	1,4	1,5	1,5	1,5	1,5	1,4
Azerbaijan	2,0	2,3	2,3	2,1	1,9	1,8	1,8	...
Albania	2,4	1,8	...	1,7	1,5	1,4	...	1,3
Belgium	1,6	1,7	1,9	1,7	1,6	1,6	1,6	1,6
belarus	1,3	1,2	1,5	1,7	1,5	1,4	...	...
Bulgaria	1,3	1,4	1,6	1,5	1,6	1,6	1,6	1,6
Bosnia and Herzegovina	1,3	1,2	1,3	1,2	1,3	1,3	1,2	...
United Kingdom of Great Britain and Northern Ireland	1,6	1,8	1,9	1,8	1,7	1,7	...	...
Armenia	1,3	1,3	1,5	1,6	1,6	1,6	1,6	...
Greece	1,2	1,3	1,5	1,3	1,4	1,4	1,3	1,4
Georgia	1,5	1,4	2,0	2,3	2,1	2,1	2,0	...
Denmark	1,8	1,8	1,9	1,7	1,8	1,7	1,7	1,7
Estonia	1,4	1,5	1,7	1,6	1,6	1,7	1,7	1,6
Israel	3,0	2,8	3,0	3,1	3,1	3,1	...	...
Ireland	1,9	1,9	2,0	1,8	1,8	1,8	1,7	1,6
Iceland	2,1	2,0	2,2	1,8	1,7	1,7	1,7	1,7
Spain	1,2	1,3	1,4	1,3	1,3	1,3	1,2	1,2
Italy	1,3	1,3	1,5	1,4	1,3	1,3	1,3	1,2
Kazakhstan	1,8	2,2	2,6	2,7	2,7	2,8	2,9	...
Canada	1,5	1,5	1,6	1,6	1,5	1,5	1,5	...
Kyrgyzstan	2,4	2,5	3,0	3,2	3,0	3,3	3,3	...
Cyprus	1,6	1,5	1,4	1,3	1,3	1,3	1,3	1,4
Latvia	1,2	1,4	1,4	1,7	1,7	1,6	1,6	1,6
Lithuania	1,4	1,3	1,5	1,7	1,6	1,6	1,6	1,5
Luxembourg	1,8	1,6	1,6	1,5	1,4	1,4	1,3	1,4

## INTERNATIONAL COMPARISONS

Table 27.2 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	1,7	1,4	1,4	1,4	1,3	1,2	1,1	1,1
Netherlands	1,7	1,7	1,8	1,7	1,6	1,6	1,6	1,5
Germany	1,4	1,3	1,4	1,5	1,6	1,6	1,5	1,5
Norway	1,8	1,8	2,0	1,7	1,6	1,6	1,5	1,5
North Macedonia	1,9	1,5	1,6	1,5	1,4	1,4	1,3	1,3
Poland	1,4	1,2	1,4	1,3	1,5	1,5	1,4	1,4
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	1,3	1,3	1,2	1,8	...
russian federation	1,2	1,3	1,6	...	...	...	...	...
Romania	1,3	1,4	1,6	1,6	1,8	1,8	1,8	1,8
Serbia	1,5	1,4	1,4	1,5	1,5	1,5	1,5	1,5
Slovakia	1,3	1,3	1,4	1,4	1,5	1,5	1,6	1,6
Slovenia	1,3	1,3	1,6	1,6	1,6	1,6	1,6	1,6
USA	2,1	2,1	1,9	1,8	1,8	1,7	...	...
Tajikistan	3,5	3,3	3,6	3,8	3,8	...	...	...
Turkey	2,3	2,2	2,0	2,1	2,1	2,0	1,9	...
Hungary	1,3	1,3	1,2	1,4	1,5	1,6	1,6	1,6
Uzbekistan	2,6	2,4	2,3	2,5	2,4	2,8	2,8	...
Finland	1,7	1,8	1,9	1,6	1,5	1,4	1,4	1,4
France	1,9	1,9	2,0	2,0	1,9	1,9	1,9	1,8
Croatia	...	1,5	1,6	1,4	1,4	1,5	1,5	1,5
Czechia	1,2	1,3	1,5	1,6	1,7	1,7	1,7	1,7
Montenegro	...	1,7	1,7	1,7	1,8	1,8	1,8	1,8
Switzerland	1,5	1,4	1,5	1,5	1,5	1,5	1,5	1,5
Sweden	1,5	1,8	2,0	1,8	1,8	1,8	1,7	1,7

<sup>1</sup>The calculation excludes data on the Donetsk and Luhansk regions



## INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	<b>73,5</b>	<b>74,0<sup>1</sup></b>	<b>75,5<sup>2</sup></b>	<b>76,3<sup>3</sup></b>	<b>76,8<sup>3</sup></b>	<b>76,7<sup>3</sup></b>	<b>77,0<sup>3</sup></b>	<b>76,2<sup>3</sup></b>
Austria	81,2	82,2	83,5	83,7	84,0	84,1	84,2	83,6
Azerbaijan	75,1	75,1	76,2	77,6	77,8	78,2	78,7	...
Albania	...	...	...	79,7	80,1	80,5	80,7	79,6
Belgium	81,0	81,9	83,0	83,4	83,9	83,9	84,3	83,0
belarus	74,7	75,1	76,5	78,9	79,2	79,4	79,4	...
Bulgaria	75,0	76,2	77,4	78,2	78,4	78,6	78,8	77,5
Bosnia and Herzegovina	76,7	77,5	78,1	78,8	79,6	79,6	79,6	...
United Kingdom of Great Britain and Northern Ireland	80,3	81,3	82,6	82,8	83,1	83,1	...	...
Armenia	75,8	76,2	76,4	78,2	78,7	79,0	79,5	...
Greece	81,3	82,5	83,3	83,7	83,9	84,4	84,2	83,9
Georgia	73,8	73,7	75,8	77,3	77,8	78,2	78,4	...
Denmark	79,2	80,5	81,4	82,7	83,1	82,9	83,5	83,6
Estonia	76,4	78,2	80,8	82,2	82,6	82,7	83,0	83,0
Israel	81,1	82,1	84,1	84,1	84,6	84,8	84,7	...
Ireland	79,2	81,3	83,1	83,4	84,0	84,1	84,7	84,4
Iceland	81,6	83,5	84,1	83,8	84,3	84,5	84,7	84,6
Spain	82,8	83,6	85,5	85,7	86,1	86,3	86,7	85,2
Italy	82,8	83,6	84,7	84,9	85,2	85,6	85,7	84,5
Kazakhstan	71,1	72,2	73,4	76,3	76,9	77,2	77,3	...
Canada	81,6	82,3	83,3	83,9	84,0	84,0	84,2	...
Kyrgyzstan	72,4	71,9	73,5	74,8	75,4	75,6	75,8	...
Cyprus	80,1	80,8	83,9	83,7	84,2	84,8	84,4	84,4
Latvia	...	76,3	78,0	79,5	79,7	79,7	80,1	80,0
Lithuania	77,4	77,4	78,9	79,7	80,5	80,7	81,2	80,1
Luxembourg	81,3	82,3	83,5	84,7	84,4	84,6	85,2	84,5

## INTERNATIONAL COMPARISONS

Table 27.3 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	80,5	81,4	83,6	84,1	84,6	84,6	84,6	84,5
Netherlands	80,7	81,7	83,0	83,2	83,4	83,4	83,7	83,1
Germany	81,2	82,0	83,0	83,1	83,4	83,3	83,7	83,5
Norway	81,5	82,7	83,3	84,2	84,3	84,5	84,7	84,9
North Macedonia	75,2	75,9	77,2	77,4	77,9	78,8	78,6	76,7
Poland	78,0	79,3	80,7	81,6	81,8	81,7	81,9	80,7
Portugal	80,4	81,5	83,2	84,3	84,6	84,5	84,8	84,1
Moldova, Republic of	71,2	71,7	73,4	73,7	74,9	75,0	75,1	...
russian federation	72,4	72,4	74,9	...	...	...	...	...
Romania	74,8	75,4	77,7	78,6	79,0	79,2	79,5	78,3
Serbia	75,1	75,4	76,6	77,9	78,1	78,4	78,6	77,5
Slovakia	77,5	78,1	79,3	80,2	80,7	80,8	81,2	80,4
Slovenia	79,9	80,9	83,1	83,9	84,0	84,4	84,5	83,4
USA	79,3	79,9	81,1	...	...	...	...	...
Tajikistan	70,3	73,2	74,4	75,6	76,9	76,9	76,8	...
Turkey	73,1	76,6	79,4	81,0	81,3	81,6	81,8	...
Hungary	76,2	77,2	78,6	79,0	79,3	79,6	79,7	79,0
Finland	81,2	82,5	83,5	84,4	84,5	84,5	84,8	84,8
France	83,0	83,8	85,3	85,6	85,7	85,8	85,9	85,3
Croatia	...	78,8	79,9	80,5	81,0	81,5	81,6	80,9
Czechia	78,5	79,2	80,9	81,6	82,0	82,0	82,2	81,3
Montenegro	76,7	76,8	78,5	78,6	79,2	79,3	79,5	78,8
Switzerland	82,8	84,0	84,9	85,1	85,6	85,7	85,8	85,1
Sweden	82,0	82,9	83,6	84,1	84,1	84,3	84,8	84,2

<sup>1</sup> SSSU data for 2004, 2005<sup>2</sup> SSSU data for 2009, 2010<sup>3</sup> See the footnote for Table 27.2

## INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	<b>62,1</b>	<b>62,2<sup>1</sup></b>	<b>65,3<sup>2</sup></b>	<b>66,4<sup>3</sup></b>	<b>67,0<sup>3</sup></b>	<b>66,7<sup>3</sup></b>	<b>66,9<sup>3</sup></b>	<b>66,4<sup>3</sup></b>
Austria	75,2	76,6	77,8	78,8	79,4	79,4	79,7	78,9
Azerbaijan	68,6	69,6	70,9	72,7	73,1	73,3	74,0	...
Albania	...	...	...	76,3	77,1	77,4	77,6	75,2
Belgium	74,6	76,2	77,5	78,7	79,2	79,4	79,8	78,6
belarus	63,4	62,9	64,6	68,6	69,3	69,2	69,3	...
Bulgaria	68,4	69,0	70,3	71,2	71,4	71,5	71,6	70,0
Bosnia and Herzegovina	71,3	72,1	72,9	73,7	74,6	74,6	74,6	...
United Kingdom of Great Britain and Northern Ireland	75,5	77,0	78,6	79,2	79,5	79,5	...	...
Armenia	70,1	70,1	70,1	71,7	71,9	72,4	73,1	...
Greece	75,9	76,8	78,0	78,5	78,8	79,3	79,2	78,8
Georgia	66,2	66,0	66,7	68,7	69,2	69,7	69,8	...
Denmark	74,5	76,0	77,2	78,8	79,2	79,1	79,5	79,7
Estonia	65,6	67,6	70,9	73,2	73,8	74,0	74,5	74,4
Israel	76,7	78,2	80,2	80,1	80,6	80,9	81,0	...
Ireland	74,0	76,7	78,5	79,6	80,4	80,4	80,8	80,8
Iceland	77,8	79,6	79,8	81,2	81,1	81,3	81,7	81,6
Spain	75,8	77,0	79,2	80,1	80,6	80,7	81,1	79,6
Italy	76,9	78,1	79,5	80,3	80,8	81,2	81,4	80,0
Kazakhstan	60,1	60,4	63,6	67,5	68,7	68,8	68,8	...
Canada	76,3	77,6	78,8	79,8	79,9	79,9	80,0	...
Kyrgyzstan	64,9	64,2	65,3	66,7	67,2	67,4	67,6	...
Cyprus	75,4	76,5	79,2	79,9	80,2	80,9	80,3	80,4
Latvia	...	64,9	67,9	69,7	69,8	70,1	70,9	70,6
Lithuania	66,7	65,2	67,6	69,2	70,7	70,9	71,6	70,1
Luxembourg	74,6	76,7	77,9	80,0	79,9	80,1	80,2	79,9

## INTERNATIONAL COMPARISONS

Table 27.4 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	76,3	77,3	79,3	79,8	80,2	80,4	81,2	80,3
Netherlands	75,6	77,2	78,9	79,9	80,2	80,3	80,6	79,7
Germany	75,1	76,7	78,0	78,3	78,7	78,6	79,0	78,7
Norway	76,0	77,8	79,0	80,5	81,0	81,1	81,3	81,6
North Macedonia	70,8	71,6	72,9	73,5	74,1	74,6	74,7	72,2
Poland	69,6	70,8	72,2	73,5	73,9	73,7	74,1	72,5
Portugal	73,3	74,9	76,8	78,1	78,4	78,3	78,7	78,0
Moldova, Republic of	63,9	63,8	65,0	65,2	66,7	66,3	66,8	...
russian federation	59,2	59,0	63,1	...	...	...	...	...
Romania	67,7	68,4	70,0	71,4	71,6	71,7	71,9	70,4
Serbia	69,5	70,0	71,4	72,8	73,1	73,5	73,4	71,6
Slovakia	69,2	70,2	71,8	73,1	73,8	73,9	74,3	73,5
Slovenia	72,2	73,9	76,4	77,8	78,2	78,5	78,7	77,8
USA	74,1	74,9	76,2	...	...	...	...	...
Tajikistan	66,1	68,1	70,8	71,8	73,0	73,3	73,5	...
Turkey	69,0	72,2	74,2	75,4	75,7	76,2	76,4	...
Hungary	67,5	68,7	70,7	72,3	72,5	72,7	73,1	72,3
Finland	74,2	75,6	76,9	78,7	78,9	79,1	79,3	79,2
France	75,3	76,7	78,2	79,2	79,6	79,7	79,9	79,2
Croatia	...	71,7	73,4	74,4	74,9	74,9	75,5	74,7
Czechia	71,6	72,9	74,5	75,7	76,1	76,2	76,4	75,3
Montenegro	71,5	71,3	73,6	74,4	73,9	74,5	74,0	73,2
Switzerland	77,0	78,7	80,3	80,8	81,6	81,9	82,1	81,0
Sweden	77,4	78,5	79,6	80,4	80,8	80,9	81,5	80,6

<sup>1</sup> See the first footnote to Table 27.3<sup>2</sup> See the second footnote to Table 27.3<sup>3</sup> See the footnote for Table 27.2

## INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	<b>62,6</b>	<b>61,7</b>	<b>62,1</b>	<b>60,4</b>	<b>60,7</b>	<b>62,1</b>	<b>63,2</b>	<b>62,2</b>
Austria	62,4	64,5	68,4	70,3	71,2	71,3	71,7	71,5
Azerbaijan	79,7	71,3	67,9	68,3	69,2	69,7	70,3	...
Albania	...	...	59,8	56,6	58,5	...	62,4	...
Belgium	56,6	59,4	61,7	62,8	62,9	64,0	64,6	64,2
belarus	65,6	...	...	75,4	75,8	74,8	75,5	...
Bulgaria	56,3	57,9	62,6	65,5	67,2	67,1	68,9	67,5
United Kingdom of Great Britain and Northern Ireland	67,0	67,9	68,5	70,8	71,9	72,3	...	...
Armenia	...	...	57,4	54,7	50,9	50,4	52,6	...
Greece	49,1	55,1	57,4	59,8	60,1	59,6	59,9	58,8
Georgia	54,1	58,3	62,8	64,6	65,1	63,1	61,7	...
Denmark	75,3	75,6	74,4	73,3	74,8	75,1	75,9	75,7
Estonia	66,0	67,9	71,3	72,7	74,9	75,2	75,5	75,9
Israel	56,3	58,4	60,9	68,3	68,6	69,3	69,1	...
Ireland	55,3	60,6	64,6	65,2	66,6	67,1	67,3	66,2
Iceland	80,7	77,4	78,6	81,0	80,3	79,3	79,9	77,7
Spain	51,0	58,7	66,1	68,9	68,6	68,5	68,8	67,5
Italy	46,5	50,5	51,4	54,1	55,9	56,5	57,1	55,4
Kazakhstan	...	72,2	72,3	71,7	72,0	73,4	73,5	...
Canada	69,2	71,7	72,9	73,2	73,8	73,8	74,1	...
Kyrgyzstan	62,1	58,0	56,3	53,3	49,1	48,0	48,4	...
Cyprus	55,7	61,9	65,4	67,5	67,6	68,5	68,7	67,5
Latvia	61,9	64,6	71,2	72,1	73,5	74,4	74,4	75,3
Lithuania	67,6	...	...	72,6	74,7	75,9	77,0	77,2
Luxembourg	50,8	55,5	58,6	64,5	65,3	66,5	66,4	68,1

## INTERNATIONAL COMPARISONS

Table 27.5 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	...	...	42,3	55,5	60,2	63,6	65,3	67,2
Netherlands	65,2	67,4	71,8	74,0	74,7	75,1	75,9	76,2
Germany	62,6	67,0	70,1	72,4	73,8	74,0	74,9	74,2
Norway	75,8	74,1	75,4	75,9	75,1	75,2	75,5	75,7
North Macedonia	...	...	50,2	51,9	51,6	52,1	54,8	...
Poland	59,7	56,9	55,9	58,6	59,0	59,3	59,2	59,4
Portugal	63,7	67,8	69,7	70,2	71,6	72,1	72,7	71,9
Moldova, Republic of	...	52,9	44,5	48,3	47,9	49,9	47,0	...
russian federation	65,6	67,4	67,9	...	...	...	...	...
Romania	61,8	56,9	56,2	56,9	58,8	58,8	59,4	59,7
Serbia	...	...	49,3	55,7	59,5	60,5	61,2	...
Slovakia	62,7	61,5	62,1	64,5	66,2	66,2	66,7	66,7
Slovenia	63,3	66,0	67,6	67,9	71,6	71,9	72,1	72,3
USA	68,8	67,3	66,0	65,4	66,3	66,8	67,4	...
Turkey	28,5	24,9	29,2	34,3	36,8	37,4	37,7	34,2
Hungary	50,9	54,4	55,6	61,5	63,5	64,1	64,5	64,7
Finland	74,2	72,7	72,6	74,4	74,9	76,3	76,6	76,5
France	59,4	61,7	63,0	66,3	66,6	67,2	67,3	66,6
Croatia	...	54,6	59,6	62,1	61,6	62,3	62,4	62,6
Czechia	63,6	62,6	61,9	66,4	68,6	69,6	69,7	69,2
Montenegro	...	54,5	53,9	57,1	57,0	57,9	60,4	...
Switzerland	71,3	74,0	74,8	77,9	78,5	79,0	79,4	79,2
Sweden	73,2	76,4	76,2	79,9	80,7	81,0	81,2	80,3

## INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	<b>71,8</b>	<b>71,6</b>	<b>72,4</b>	<b>72,6</b>	<b>73,1</b>	<b>73,4</b>	<b>74,5</b>	<b>73,3</b>
Austria	79,1	76,6	78,5	78,3	79,2	79,6	79,8	79,1
Azerbaijan	88,0	78,7	72,5	73,3	74,8	74,9	75,1	...
Albania	...	...	77,8	72,6	77,0	...	77,4	...
Belgium	73,7	73,9	73,2	71,7	71,9	72,1	72,3	71,7
belarus	73,6	...	...	81,7	82,0	82,3	82,0	...
Bulgaria	65,7	66,3	71,1	73,0	75,3	75,7	77,5	76,4
United Kingdom of Great Britain and Northern Ireland	81,1	80,5	79,8	80,5	80,6	80,9	...	...
Armenia	...	...	71,7	64,8	63,0	74,2	74,2	...
Greece	74,3	77,3	76,8	76,4	76,9	76,8	76,3	74,8
Georgia	70,5	74,7	80,1	83,5	78,5	78,0	76,8	...
Denmark	83,1	83,1	81,0	79,8	80,3	80,8	81,8	81,5
Estonia	74,6	72,5	76,4	78,7	80,4	80,5	79,9	80,5
Israel	67,2	66,9	68,1	75,9	75,5	74,4	74,0	...
Ireland	78,8	80,1	78,7	78,9	78,8	78,7	79,1	77,7
Iceland	86,6	83,4	83,0	84,8	85,3	84,6	84,1	82,3
Spain	76,8	80,6	80,1	79,1	78,3	78,3	78,1	76,4
Italy	74,2	74,3	73,5	73,9	74,7	75,1	75,3	74,1
Kazakhstan	...	80,1	79,9	80,8	81,6	81,5	82,1	...
Canada	79,9	80,3	79,2	80,0	79,8	79,4	79,9	...
Kyrgyzstan	72,5	78,6	80,4	78,7	78,3	78,2	77,8	...
Cyprus	75,8	80,3	74,9	74,4	75,2	76,1	77,2	78,3
Latvia	73,2	72,6	74,8	77,4	78,1	78,9	78,5	79,4
Lithuania	75,0	73,0	73,2	75,9	77,2	78,8	78,9	79,6
Luxembourg	75,0	73,3	73,0	74,0	72,3	72,9	74,8	74,0

## INTERNATIONAL COMPARISONS

Table 27.6 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	80,2	77,6	76,8	80,9	83,0	84,3	84,8	84,5
Netherlands	83,2	81,6	82,2	83,3	83,0	83,4	83,8	83,6
Germany	77,1	79,6	80,5	80,6	82,2	82,2	82,8	81,8
Norway	83,3	80,4	80,3	80,0	79,0	80,0	80,4	80,2
North Macedonia	...	...	77,4	77,4	78,3	78,2	77,2	...
Poland	70,2	68,9	68,9	71,4	72,1	72,0	72,4	73,0
Portugal	78,5	78,8	77,8	76,4	77,7	78,0	78,1	76,6
Moldova, Republic of	...	53,1	48,4	52,6	53,4	54,2	52,6	...
russian federation	75,2	75,0	77,7	...	...	...	...	...
Romania	75,3	71,6	73,8	75,8	76,4	77,3	78,2	79,0
Serbia	...	...	65,4	71,7	73,6	74,9	74,7	...
Slovakia	75,4	76,1	76,7	77,7	78,5	79,0	79,1	78,6
Slovenia	71,4	74,8	75,3	75,3	76,8	77,8	77,6	77,4
USA	79,2	78,0	75,8	74,5	75,1	75,6	75,8	...
Turkey	76,6	71,5	71,0	74,3	75,7	75,7	74,9	71,8
Hungary	65,6	66,3	66,0	73,7	76,5	77,3	78,3	78,8
Finland	78,6	75,7	75,8	76,3	77,8	78,8	79,2	79,1
France	70,5	71,1	70,9	73,3	73,6	73,7	73,3	72,4
Croatia	...	66,2	70,6	71,4	71,7	71,3	71,7	72,4
Czechia	77,9	78,5	79,2	81,4	82,8	83,2	83,3	83,3
Montenegro	...	69,8	69,6	68,2	70,7	72,8	74,4	...
Switzerland	89,2	87,1	86,7	87,0	87,2	87,2	87,1	87,0
Sweden	77,0	80,9	81,8	83,5	84,3	84,4	84,7	84,7



## INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine<sup>1</sup></b>	<b>11,6</b>	<b>7,2</b>	<b>8,1</b>	<b>9,1</b>	<b>9,5</b>	<b>8,8</b>	<b>8,2</b>	<b>9,5</b>
Austria	3,5	5,6	5,2	6,1	5,9	5,2	4,8	6,0
Azerbaijan	11,8	7,3	5,7	5,0	5,0	...	...	...
Albania	16,8	14,1	14,0	17,1	13,8	12,4	11,6	...
Belgium	7,0	8,5	8,4	8,7	7,2	6,0	5,5	5,8
belarus	...	...	...	5,2	5,7	4,8	4,2	...
Bulgaria	16,9	10,1	11,3	10,1	7,2	6,2	5,2	6,1
Bosnia and Herzegovina	...	...	27,2	27,7	20,5	18,4	...	...
United Kingdom of Great Britain and Northern Ireland	...	...	...	...	...	...	...	...
Armenia	11,7	8,6	7,0	18,0	17,8	16,4	...	...
Greece	11,4	10,0	12,9	25,0	21,8	19,7	17,9	17,6
Georgia	10,3	15,1	17,4	14,1	13,9	12,7	11,6	...
Denmark	4,6	4,8	7,7	6,3	5,8	5,1	5,0	5,6
Estonia	14,6	8,0	16,6	6,4	5,8	5,4	4,5	6,9
Israel	8,8	9,0	6,6	5,2	4,2	4,0	...	...
Ireland	4,5	4,6	14,6	9,9	6,7	5,8	5,0	5,9
Iceland	2,3	2,5	7,6	4,0	2,7	2,7	3,5	5,5
Spain	13,9	9,2	19,9	22,1	17,2	15,3	14,1	15,5
Italy	10,6	7,7	8,5	12,0	11,3	10,6	9,9	9,3
Kazakhstan	12,8	8,1	5,8	5,0	4,9	4,9	4,8	...
Canada	6,8	6,8	8,1	6,9	6,3	5,8	...	...
Kyrgyzstan	7,5	8,1	8,6	7,6	6,9	6,2	5,5	...
Cyprus	4,9	5,3	6,3	15,0	11,1	8,4	7,1	7,6
Latvia	14,3	10,0	19,7	9,9	8,7	7,4	6,3	8,1
Lithuania	16,4	8,3	17,8	9,1	7,1	6,2	6,3	8,5
Luxembourg	2,4	4,5	4,4	6,7	5,5	5,6	5,6	6,8

## INTERNATIONAL COMPARISONS

Table 27.7 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	6,6	6,9	6,9	5,4	4,0	3,7	3,6	4,4
Netherlands	2,9	5,9	6,1	7,9	5,9	4,9	4,4	4,9
Germany	7,9	11,2	6,6	4,4	3,6	3,2	3,0	3,7
Norway	3,3	4,4	3,5	4,3	4,2	3,8	3,7	4,4
North Macedonia	32,2	37,3	32,0	26,0	22,4	...	...	...
Poland	16,2	17,8	10,0	7,7	5,0	3,9	3,3	3,2
Portugal	4,1	7,7	12,6	13,0	9,2	7,2	6,7	7,0
Moldova, Republic of	8,5	7,3	7,4	5,0	4,1	3,0	5,1	...
russian federation	10,6	7,1	7,3	...	...	...	...	...
Romania	7,3	7,2	9,0	8,4	6,1	5,3	4,9	6,1
Serbia	12,1	20,8	19,2	17,7	13,5	12,7	10,4	...
Slovakia	18,8	16,3	14,3	11,5	8,1	6,5	5,7	6,7
Slovenia	6,8	6,5	7,3	9,0	6,6	5,1	4,4	5,0
USA	4,0	5,1	9,6	5,3	4,4	3,9	3,7	...
Tajikistan	2,7	1,9	2,1	2,3	2,2	2,1	...	...
Turkey	5,2	9,5	10,7	10,3	10,9	10,9	13,7	13,2
Hungary	6,4	7,2	10,8	6,6	4,0	3,6	3,3	4,1
Uzbekistan	...	...	5,4	5,2	5,8	9,3	9,0	...
Finland	9,8	8,4	8,6	9,4	8,7	7,5	6,8	7,7
France	...	...	...	...	...	...	...	...
Croatia	16,1	12,8	11,7	16,2	11,2	8,5	6,6	7,5
Czechia	8,8	7,9	7,3	5,1	2,9	2,2	2,0	2,6
Montenegro	...	30,3	19,7	17,6	16,1	15,2	...	...
Switzerland	2,7	4,5	4,8	4,8	4,8	4,7	4,4	...
Sweden	5,5	7,5	8,8	7,6	6,8	6,5	7,0	8,5

<sup>1</sup> For population aged 15–70

## INTERNATIONAL COMPARISONS

**27.8. GDP<sup>1</sup>***(USD bln. at purchasing power parities of 2010)*

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	...	<b>738,3</b>	<b>747,7</b>	<b>666,3</b>	<b>699,4</b>	<b>723,2</b>	...	...
Austria	288,1	314,4	335,5	353,6	368,8	378,0	383,6	357,8
Azerbaijan	48,5	91,2	195,0	219,1	212,6	215,7	221,1	211,6
Albania	...	...	...	...	...	...	...	...
Belgium	343,6	378,3	407,2	434,4	447,0	455,3	464,9	438,5
belarus	...	...	...	...	...	...	...	...
Bulgaria	80,2	105,8	125,5	134,1	142,0	145,8	151,7	145,0
Bosnia and Herzegovina	24,6	30,5	35,1	37,5	39,9	41,4	42,5	41,2
United Kingdom of Great Britain and Northern Ireland	1936,9	2212,2	2269,6	2508,5	2596,1	2628,7	2664,7	...
Armenia	11,5	20,8	25,1	31,1	33,5	35,2	37,9	35,2
Greece	265,6	321,4	316,1	258,0	259,5	263,9	268,6	244,4
Georgia	20,6	29,3	37,9	48,3	52,1	54,6	57,3	...
Denmark	195,7	209,1	211,3	225,3	239,2	243,9	249,1	244,0
Estonia	21,0	29,9	29,3	34,5	37,7	39,2	40,8	39,6
Israel	172,2	190,2	236,0	285,8	311,7	324,1	336,3	...
Ireland	125,1	162,2	165,4	230,3	256,0	279,1	292,8	310,0
Iceland	13,6	16,6	17,5	20,0	22,2	23,3	23,9	22,2
Spain	1130,8	1329,1	1394,0	1392,2	1477,1	1510,9	1542,4	1375,5
Italy	1826,5	1911,6	1884,2	1821,1	1875,4	1892,8	1902,2	1730,5
Kazakhstan	274,0	448,8	606,6	773,0	834,8	869,0	908,5	885,8
Canada	1150,4	1301,9	1372,8	1525,7	1591,8	1642,4	1673,4	1593,0
Kyrgyzstan	18,0	21,6	26,9	34,0	37,1	38,5	40,3	36,9
Cyprus	19,3	23,5	26,9	24,7	27,8	29,4	31,0	29,4
Latvia	28,6	42,3	41,2	48,9	51,7	53,8	55,1	53,0
Lithuania	42,1	60,8	64,4	77,6	83,0	86,3	90,2	90,1
Luxemburg	33,5	39,1	44,8	49,8	53,0	54,1	55,8	54,8

## INTERNATIONAL COMPARISONS

Table 27.8 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	9,4	10,2	11,9	15,5	17,8	18,9	20,0	18,3
Netherlands	622,4	665,3	712,5	739,5	777,7	796,1	811,7	780,8
Germany	2698,1	2771,0	2938,4	3195,0	3353,7	3390,2	3425,9	3269,4
Norway	246,1	274,4	287,8	313,5	324,3	327,9	330,3	328,0
North Macedonia	16,9	18,6	22,7	25,6	26,6	27,4	28,4	26,7
Poland	527,9	613,4	774,7	896,1	968,9	1020,8	1069,2	1046,2
Portugal	251,4	262,5	270,4	259,2	273,7	281,5	289,1	264,7
Moldova, Republic of	...	...	32,6	39,1	42,7	44,6	46,2	43,0
russian federation	2442,6	3290,7	3916,3	...	...	...	...	...
Romania	249,4	328,1	377,2	434,1	487,8	509,6	533,0	511,1
Serbia	76,0	103,8	120,2	125,6	132,5	138,5	144,5	143,1
Slovakia	74,4	95,1	121,3	137,3	144,1	149,6	153,5	146,8
Slovenia	45,6	54,3	59,6	60,8	65,8	68,7	71,0	68,0
USA	12634,3	14330,0	15049,0	16723,5	17385,9	17893,4	18303,0	17679,8
Tajikistan	...	...	...	...	...	...	...	...
Turkey	942,7	1197,0	1399,1	1968,9	2187,0	2252,1	2272,2	2312,9
Turkmenistan	47,5	61,0	99,9	164,7	186,2	197,6	203,6	...
Hungary	170,0	211,3	210,0	232,4	247,7	260,9	272,8	260,6
Uzbekistan	198,5	258,1	442,6	626,7	693,0	730,1	771,8	...
Finland	161,2	183,4	192,1	192,8	204,6	206,9	209,4	204,6
France	1922,5	2090,0	2177,2	2291,4	2369,6	2413,8	2458,3	2265,2
Croatia	63,3	79,0	81,2	80,7	86,4	88,9	92,0	84,5
Czechia	200,2	242,6	274,2	298,2	321,6	331,9	341,9	322,1
Montenegro	...	7,1	8,8	9,6	10,4	10,9	11,3	9,6
Switzerland	309,1	332,0	373,1	408,2	423,1	435,5	440,8	430,2
Sweden	303,2	345,1	377,0	419,8	439,5	448,0	456,9	443,5

<sup>1</sup> Here and elsewhere (Tables 27.9, 27.10) estimated data from Statistics Division of United Nations Economic Commission for Europe

## INTERNATIONAL COMPARISONS

**27.9. GDP annual growth rate (decrease)<sup>1</sup>***(percent of the previous year; at the 2010 PPPs)*

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine<sup>2</sup></b>	<b>5,9</b>	<b>3,1</b>	<b>4,1</b>	<b>-9,8</b>	<b>2,4</b>	<b>3,5</b>	<b>3,2</b>	<b>-3,8</b>
Austria	3,4	2,2	1,8	1,0	2,3	2,5	1,5	-6,7
Azerbaijan	11,1	26,4	5,0	1,1	0,2	1,5	2,5	-4,3
Albania	...	...	...	...	...	...	...	...
Belgium	3,7	2,3	2,9	2,0	1,6	1,8	2,1	-5,7
belarus	...	...	...	...	...	...	...	...
Bulgaria	4,6	7,1	1,5	3,4	2,8	2,7	4,0	-4,4
Bosnia and Herzegovina	5,4	3,9	0,9	3,1	3,2	3,7	2,8	-3,2
United Kingdom of Great Britain and Northern Ireland	3,5	3,0	2,1	2,4	1,7	1,3	1,4	...
Armenia	5,9	13,9	2,2	3,2	7,5	5,2	7,6	-7,4
Greece	3,9	0,6	-5,5	-0,2	1,1	1,7	1,8	-9,0
Georgia	-3,2	9,6	6,2	3,0	4,8	4,8	5,0	...
Denmark	3,7	2,3	1,9	2,3	2,8	2,0	2,1	-2,1
Estonia	10,1	9,5	2,4	1,9	5,8	4,1	4,1	-3,0
Israel	8,9	4,0	5,6	2,2	3,6	3,5	3,4	...
Ireland	9,4	5,7	1,8	25,2	8,9	9,0	4,9	5,9
Iceland	5,0	6,1	-2,8	4,4	4,2	4,9	2,4	-7,1
Spain	5,2	3,7	0,2	3,8	3,0	2,3	2,1	-10,8
Italy	3,8	0,8	1,7	0,8	1,7	0,9	0,5	-9,0
Kazakhstan	9,8	9,7	7,3	1,2	6,8	4,1	4,5	-2,5
Canada	5,5	3,2	2,9	0,6	3,5	3,2	1,9	-4,8
Kyrgyzstan	5,4	-0,2	-0,5	3,9	4,7	3,8	4,6	-8,4
Cyprus	6,0	4,9	2,0	3,4	5,9	5,7	5,3	-5,0
Latvia	5,7	10,7	-4,5	3,9	3,3	4,0	2,5	-3,8
Lithuania	3,7	7,7	1,7	2,0	4,3	4,0	4,6	-0,1
Luxemburg	6,9	2,5	3,8	2,3	1,3	2,0	3,3	-1,8
Malta	...	3,4	5,5	9,6	11,1	6,0	5,9	-8,3
Netherlands	4,2	2,1	1,3	2,0	2,9	2,4	2,0	-3,8

## INTERNATIONAL COMPARISONS

Table 27.9 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Germany	2,9	0,7	4,2	1,5	2,7	1,1	1,1	-4,6
Norway	3,2	2,6	0,7	2,0	2,3	1,1	0,7	-0,7
North Macedonia	...	4,7	3,4	3,9	1,1	2,9	3,9	-6,1
Poland	4,6	3,5	3,7	4,2	4,8	5,4	4,7	-2,2
Portugal	3,8	0,8	1,7	1,8	3,5	2,8	2,7	-8,4
Moldova, Republic of	...	...	...	-0,3	4,7	4,3	3,7	-7,0
russian federation	10,0	6,4	4,5	...	...	...	...	...
Romania	2,5	4,7	-3,9	3,0	7,3	4,5	4,2	-3,7
Serbia	6,1	5,5	0,7	1,8	2,1	4,5	4,3	-0,9
Slovakia	1,2	6,6	6,3	5,2	3,0	3,8	2,6	-4,4
Slovenia	3,7	3,8	1,3	2,2	4,8	4,4	3,3	-4,2
USA	4,1	3,5	2,7	2,7	2,3	2,9	2,3	-3,4
Tajikistan	...	...	...	...	...	...	...	...
Turkey	6,9	9,0	8,4	6,1	7,5	3,0	0,9	1,8
Turkmenistan	5,5	13,0	9,2	6,5	6,5	6,2	3,0	...
Hungary	4,5	4,3	1,1	3,7	4,3	5,4	4,6	-4,5
Uzbekistan	3,8	7,0	33,3	7,2	4,4	5,4	5,7	...
Finland	5,8	2,8	3,2	0,5	3,2	1,1	1,2	-2,3
France	3,9	1,7	1,9	1,1	2,3	1,9	1,8	-7,9
Croatia	2,9	4,3	-1,3	2,5	3,4	2,9	3,5	-8,1
Czechia	4,0	6,6	2,4	5,4	5,2	3,2	3,0	-5,8
Montenegro	...	...	2,7	3,4	4,7	5,1	4,1	-15,3
Switzerland	4,0	2,9	3,3	1,7	1,6	2,9	1,2	-2,4
Sweden	4,8	2,9	6,0	4,5	2,6	2,0	2,0	-2,9

<sup>1</sup> See the footnote to Table 27.8<sup>2</sup> The SSSU calculations: for 2000, in line with the SNA-93; since 2005, according to the Methodological provisions on the updated version of the System of National Accounts 2008 approved by SSSU decree № 398 of December 17, 2013

## INTERNATIONAL COMPARISONS

**27.10. GDP per capita<sup>1</sup>***(thsd. USD; at the 2010 PPPs)*

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	...	<b>15,7</b>	<b>16,3</b>	<b>15,6</b>	<b>16,5</b>	<b>17,1</b>	...	...
Austria	36,0	38,2	40,1	41,0	41,9	42,8	43,2	40,1
Azerbaijan	6,0	10,7	21,5	22,7	21,6	21,7	22,1	21,0
Albania	...	...	...	...	...	...	...	...
Belgium	33,5	36,1	37,4	38,5	39,3	39,8	40,5	38,0
belarus	...	...	...	...	...	...	...	...
Bulgaria	9,8	13,7	16,7	18,7	20,1	20,8	21,7	20,9
Bosnia and Herzegovina	6,5	7,9	9,1	10,6	11,4	11,8	12,1	11,8
United Kingdom of Great Britain and Northern Ireland	32,9	36,6	36,2	38,5	39,3	39,6	39,9	...
Armenia	3,6	6,6	8,2	10,3	11,2	11,9	12,8	11,9
Greece	24,6	29,2	28,4	23,8	24,1	24,6	25,1	22,8
Georgia	5,1	7,5	10,0	13,0	14,0	14,6	15,4	...
Denmark	36,7	38,6	38,1	39,7	41,5	42,1	42,8	41,8
Estonia	15,0	22,0	22,0	26,3	28,6	29,7	30,8	29,8
Israel	27,5	27,5	30,9	33,4	34,6	35,1	35,6	...
Ireland	32,9	39,0	36,3	49,0	53,3	57,4	59,4	62,2
Iceland	48,3	56,1	55,2	60,6	64,7	66,0	66,1	60,5
Spain	27,9	30,4	29,9	30,0	31,7	32,3	32,7	29,0
Italy	32,1	32,9	31,5	30,2	31,3	31,6	31,8	29,1
Kazakhstan	18,3	29,0	37,2	43,6	45,9	47,2	48,9	47,2
Canada	37,5	40,4	40,4	42,8	43,6	44,4	44,6	42,0
Kyrgyzstan	3,6	4,2	4,9	5,8	6,1	6,3	6,5	5,9
Cyprus	27,8	31,9	32,4	29,1	32,4	33,8	35,1	33,0
Latvia	12,1	18,9	19,7	24,7	26,6	27,9	28,8	27,9
Lithuania	12,0	18,3	20,8	26,7	29,3	30,8	32,3	32,2
Luxemburg	76,6	83,9	88,3	87,5	88,8	88,8	89,8	86,9

## INTERNATIONAL COMPARISONS

Table 27.10 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	24,0	25,3	28,7	34,8	38,0	38,9	39,6	35,5
Netherlands	39,1	40,8	42,9	43,7	45,4	46,2	46,8	44,8
Germany	33,1	34,1	36,6	39,1	40,6	40,9	41,2	39,3
Norway	54,8	59,4	58,9	60,4	61,4	61,7	61,8	61,0
North Macedonia	8,3	9,2	11,0	12,4	12,8	13,2	13,7	12,9
Poland	13,8	16,1	20,1	23,3	25,2	26,6	27,9	27,3
Portugal	24,4	25,0	25,6	25,0	26,6	27,4	28,1	25,7
Moldova, Republic of	...	...	9,1	11,0	12,0	12,6	...	...
russian federation	16,7	23,0	27,4	...	...	...	...	...
Romania	11,1	15,4	18,6	21,9	24,9	26,2	27,4	26,5
Serbia	10,1	14,0	16,5	17,7	18,9	19,8	20,8	20,7
Slovakia	13,8	17,6	22,3	25,3	26,5	27,5	28,1	26,9
Slovenia	22,9	27,2	29,1	29,5	31,9	33,2	34,0	32,3
USA	44,7	48,4	48,6	52,3	53,6	54,8	55,6	53,3
Tajikistan	...	...	...	...	...	...	...	...
Turkey	14,7	17,5	19,1	25,2	27,2	27,7	27,5	27,7
Turkmenistan	10,6	12,8	19,8	29,6	32,3	33,8	34,3	...
Hungary	16,7	20,9	21,0	23,6	25,3	26,7	27,9	26,7
Uzbekistan	8,1	10,0	16,0	20,2	21,7	22,6	23,5	...
Finland	31,1	35,0	35,8	35,2	37,1	37,5	37,9	37,0
France	31,6	33,1	33,5	34,4	35,3	35,8	36,4	33,4
Croatia	14,2	18,3	18,9	19,2	20,9	21,7	22,6	20,9
Czechia	19,5	23,7	26,1	28,3	30,4	31,2	32,0	30,1
Montenegro	...	11,5	14,1	15,3	16,5	17,3	18,0	15,3
Switzerland	42,6	44,3	47,6	49,3	50,1	51,1	51,4	49,8
Sweden	34,2	38,2	40,2	42,8	43,7	44,0	44,5	42,8

<sup>1</sup> See the footnote to Table 27.8



## INTERNATIONAL COMPARISONS

**27.11. Growth rate (decrease) of industrial production***(percentage of the previous year)*

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine<sup>1</sup></b>	<b>13,2</b>	<b>3,1</b>	<b>12,0</b>	<b>-12,3</b>	<b>1,1</b>	<b>3,0</b>	<b>-0,5</b>	<b>-4,5</b>
Austria	8,7	3,9	7,0	2,4	5,2	5,0	0,2	-5,4
Azerbaijan	6,9	33,5	2,6	2,4	-3,4	1,5	1,8	-5,0
Albania	12,0	-0,2	37,5	-9,2	8,6	11,8	-1,1	-6,3
Belgium	...	3,3	9,4	-0,7	2,7	1,3	4,9	-3,5
belarus	7,5	10,0	11,7	-6,6	6,1	5,7	1,0	-0,7
Bulgaria	...	6,9	2,0	2,9	3,4	0,3	0,6	-5,9
Bosnia and Herzegovina	...	...	4,4	3,1	3,2	1,6	-5,3	-6,4
United Kingdom of Great Britain and Northern Ireland	1,9	-0,6	3,6	0,3	1,8	0,9	-1,1	...
Armenia	6,4	7,5	9,7	5,2	12,6	4,3	9,0	-0,9
Greece	...	-1,5	-6,1	1,0	4,1	1,8	-0,8	-2,0
Georgia	10,8	30,6	14,6	7,7	3,3	-10,2	4,0	-5,6
Denmark	...	2,9	2,1	0,1	2,0	2,0	2,7	-5,5
Estonia	14,6	10,9	23,4	0,3	4,1	4,7	6,9	-3,0
Israel	10,0	4,9	9,5	2,2	3,6	3,5	2,9	6,3
Ireland	14,6	4,0	8,2	35,9	-2,6	-4,9	7,0	14,5
Spain	4,0	0,2	0,8	3,3	2,9	1,0	0,4	-9,4
Italy	3,2	-1,8	6,9	1,7	3,1	1,6	-1,0	-10,9
Kazakhstan	15,5	5,0	10,0	-1,6	7,1	4,1	3,8	-0,7
Canada	8,6	2,0	4,8	-0,6	...	...	...	...
Kyrgyzstan	6,0	-12,1	9,8	-0,2	13,2	2,5	6,9	-6,6
Cyprus	...	0,5	-1,8	5,2	8,7	7,2	4,0	-7,0
Latvia	...	7,2	14,9	3,6	8,4	1,5	1,0	-1,4
Lithuania	-0,2	7,1	6,2	4,4	7,0	5,6	3,0	-1,2
Luxemburg	...	2,2	9,0	1,4	3,3	-1,1	-3,0	-10,3

## INTERNATIONAL COMPARISONS

Table 27.11 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	...	-5,6	8,7	-0,4	8,6	1,9	1,4	-0,6
Netherlands	...	0,4	7,7	-3,6	1,1	0,6	-0,8	-3,5
Germany	5,1	3,0	11,2	1,4	2,8	1,0	-4,5	-9,4
Norway	3,1	0,1	-5,6	1,4	-0,3	-1,8	-4,3	7,4
North Macedonia	...	7,0	-4,8	4,9	0,2	5,4	3,7	-9,5
Poland	...	4,4	11,2	4,8	6,6	5,9	4,1	-1,2
Portugal	...	5,1	1,5	2,4	3,4	0,4	-2,2	-7,2
Moldova, Republic of	7,7	7,0	9,3	1,1	3,2	8,4	2,0	-5,5
russian federation	8,8	5,1	7,3	...	...	...	...	...
Romania	...	-3,1	5,5	2,8	7,9	3,5	-2,3	-9,2
Serbia	...	0,7	1,2	7,3	3,9	1,3	0,3	0,4
Slovakia	...	-0,9	12,3	6,7	3,2	4,4	0,4	-9,0
Slovenia	6,2	3,4	7,2	5,6	7,7	5,1	3,2	-5,3
USA	3,9	3,3	5,6	-0,7	...	...	...	...
Tajikistan	9,9	9,7	9,2	11,3	21,7	8,5	-1,4	2,5
Turkey	6,0	14,0	13,2	6,2	9,1	1,1	-0,6	2,2
Hungary	...	6,8	10,6	7,4	4,7	3,5	5,6	-6,0
Uzbekistan	6,0	7,0	8,5	7,9	8,0	15,6	5,0	0,9
Finland	8,5	-0,9	5,6	-0,9	3,2	3,4	1,6	-3,0
France	4,3	0,1	4,8	1,7	2,1	0,8	0,4	-10,6
Croatia	1,4	4,5	-1,4	2,7	1,4	-1,0	0,6	-2,7
Czechia	...	4,0	8,6	4,3	6,5	3,1	-0,3	-7,2
Montenegro	...	...	...	...	...	...	...	...
Switzerland	...	...	...	...	...	...	...	...
Sweden	...	2,4	9,4	3,3	4,3	2,2	2,4	-4,4

<sup>1</sup> See methodology notes to Chapter 17

## INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	<b>28,2</b>	<b>13,5</b>	<b>9,4</b>	<b>48,7</b>	<b>14,4</b>	<b>10,9</b>	<b>7,9</b>	<b>2,7</b>
Austria	2,4	2,3	1,8	0,9	2,1	2,0	1,5	1,4
Azerbaijan	...	9,6	5,7	4,0	12,9	2,3	2,6	...
Albania	0,0	2,4	3,6	1,9	2,0	2,0	1,4	1,6
Belgium	2,6	2,8	2,2	0,6	2,1	2,0	1,4	0,7
belarus	...	10,3	7,7	13,5	6,0	4,9	5,6	...
Bulgaria	10,3	5,0	2,4	-0,1	2,1	2,8	3,1	1,7
Bosnia and Herzegovina	1,7	3,8	2,0	-1,0	0,8	1,4	0,6	-1,0
United Kingdom of Great Britain and Northern Ireland	0,8	2,0	3,3	0,0	2,7	2,5	1,8	0,9
Armenia	-0,8	0,6	8,2	3,7	1,0	2,5	1,4	1,2
Greece	3,2	3,5	4,7	-1,7	1,1	0,6	0,2	-1,2
Georgia	4,0	8,3	7,1	4,0	6,0	2,6	4,8	5,2
Denmark	2,9	1,8	2,3	0,4	1,2	0,8	0,8	0,4
Estonia	4,0	4,1	3,0	-0,5	3,4	3,4	2,3	-0,4
Israel	1,1	1,3	2,7	-0,6	0,2	0,8	0,8	-0,6
Ireland	5,5	2,4	-0,9	-0,3	0,3	0,5	0,9	-0,3
Iceland	5,1	4,0	5,4	1,6	1,8	2,7	3,0	2,8
Spain	3,4	3,4	1,8	-0,5	2,0	1,7	0,7	-0,3
Italy	2,5	2,0	1,5	0,0	1,2	1,1	0,6	-0,1
Kazakhstan	12,5	7,7	7,4	6,7	7,4	6,0	5,2	6,8
Canada	2,7	2,2	1,8	1,1	1,6	2,3	2,0	0,7
Kyrgyzstan	19,7	4,3	8,0	6,5	3,2	1,5	1,1	6,3
Cyprus	4,3	2,6	2,4	-2,1	0,5	1,4	0,2	-0,6
Latvia	2,6	6,8	-1,1	0,2	2,9	2,5	2,8	0,2
Lithuania	1,0	2,7	1,3	-0,9	3,7	2,7	2,3	1,2
Luxemburg	3,2	2,5	2,3	0,5	1,7	1,5	1,7	0,8

## INTERNATIONAL COMPARISONS

Table 27.12 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	2,4	3,0	1,5	1,1	1,4	1,2	1,6	0,6
Netherlands	2,4	1,7	1,3	0,6	1,4	1,7	2,6	1,3
Germany	1,5	1,6	1,1	0,5	1,5	1,7	1,4	0,5
Norway	3,1	1,5	2,4	2,2	1,9	2,8	2,2	1,3
North Macedonia	8,0	0,5	1,5	-0,3	1,4	1,5	0,8	1,2
Poland	10,5	2,2	2,6	-0,9	2,1	1,8	2,2	3,4
Portugal	2,9	2,3	1,4	0,5	1,4	1,0	0,3	0,0
Moldova, Republic of	30,3	12,0	7,5	9,7	6,6	3,0	4,8	3,8
russian federation	20,8	12,7	6,8	...	...	...	...	...
Romania	45,7	9,0	6,1	-0,6	1,3	4,6	3,8	2,6
Serbia	71,1	16,1	6,1	1,4	3,1	2,0	1,8	1,6
Slovakia	12,2	2,7	1,0	-0,3	1,3	2,5	2,7	1,9
Slovenia	9,0	2,4	1,8	-0,5	1,4	1,7	1,6	0,0
USA	3,4	3,4	1,6	0,1	2,1	2,4	1,8	1,2
Tajikistan	32,8	7,1	6,4	5,7	11,5	6,6	7,8	...
Turkey	65,5	8,2	8,6	7,7	11,1	16,3	15,2	12,3
Hungary	9,8	3,6	4,8	-0,1	2,4	2,8	3,3	3,3
Finland	3,6	0,6	1,2	-0,2	0,8	1,1	1,0	0,3
France	1,7	1,8	1,5	0,0	1,0	1,8	1,1	0,5
Croatia	4,6	3,3	1,0	-0,5	1,1	1,5	0,8	0,2
Czechia	3,9	1,9	1,5	0,3	2,4	2,2	2,8	3,2
Montenegro	...	2,6	0,7	1,6	2,4	2,6	0,4	-0,3
Switzerland	1,6	1,2	0,7	-1,2	0,5	0,9	0,4	-0,7
Sweden	1,0	0,4	1,2	0,0	1,8	2,0	1,8	0,5

## INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2015	2017	2018	2019	2020
<b>Ukraine</b>	<b>20,8</b>	<b>16,7</b>	<b>20,9</b>	<b>36,0</b>	<b>26,4</b>	<b>17,4</b>	<b>4,1</b>	<b>-1,6</b>
Austria	...	3,4	4,0	-2,1	1,9	3,0	0,1	-2,1
Azerbaijan	27,5	16,5	26,9	-30,7	37,0	...	...	...
Belgium	...	5,7	5,4	-4,2	8,9	7,1	1,3	-3,8
belarus	185,6	12,1	13,6	16,9	10,2	...	...	...
Bulgaria	...	7,3	7,2	-1,7	4,2	4,1	3,8	-0,2
Bosnia and Herzegovina	0,9	-0,4	1,0	0,6	3,4	...	...	...
United Kingdom of Great Britain and Northern Ireland	2,4	10,6	5,4	-7,6	6,3	4,2	-2,4	...
Armenia	-22,2	7,6	22,6	-0,8	2,2	0,1	0,6	2,6
Greece	...	5,8	6,1	-5,8	4,2	3,3	0,6	-4,6
Georgia	6,4	7,4	11,3	7,5	11,0	6,1	7,2	11,8
Denmark	...	9,1	6,4	-6,5	3,3	6,4	-0,6	-4,8
Estonia	...	1,7	1,7	-2,8	3,3	7,1	1,5	-3,5
Israel	3,6	6,2	4,0	-5,9	1,4	3,3	-1,1	-5,0
Ireland	...	...	1,5	-4,3	1,3	7,7	-4,9	-7,6
Spain	5,4	4,7	3,7	-2,0	4,4	3,0	-0,4	-4,3
Italy	...	4,0	3,1	-3,4	2,6	3,9	0,0	-4,4
Kazakhstan	36,2	23,7	25,2	-20,5	15,3	19,0	5,1	-8,0
Canada	4,3	1,6	1,5	-0,8	3,1	3,9	-0,1	-0,4
Kyrgyzstan	32,0	3,1	22,8	8,7	1,7	1,5	4,1	21,4
Cyprus	...	4,9	4,0	-5,7	3,7	3,0	2,9	-3,0
Latvia	...	7,1	-0,2	-1,4	2,2	5,5	3,6	-3,2
Lithuania	10,3	6,0	3,9	-9,1	4,0	4,2	0,7	-6,6
Luxemburg	...	3,6	1,5	-0,5	-2,0	0,5	2,4	-0,8

## INTERNATIONAL COMPARISONS

Table 27.13 continued

	2000	2005	2010	2015	2017	2018	2019	2020
Malta	...	5,0	11,5	-3,2	0,5	0,8	1,1	1,5
Netherlands	...	6,8	4,2	-4,4	4,4	3,0	1,7	-2,7
Germany	2,9	4,4	1,3	-1,7	2,4	2,6	1,3	-0,8
Norway	...	6,1	8,5	-4,6	2,9	8,7	3,1	-2,1
North Macedonia	...	3,2	8,6	-3,9	0,8	-0,3	0,8	0,8
Poland	...	2,0	3,7	-2,3	4,8	2,8	1,6	-0,9
Portugal	...	10,1	4,3	-6,4	3,6	2,4	-0,3	-3,4
Moldova, Republic of	33,5	5,9	7,4	6,3	3,4	...	...	...
russian federation	46,5	20,7	12,6	...	...	...	...	...
Romania	...	18,4	4,0	-1,8	3,1	5,2	5,1	0,2
Serbia	...	14,2	12,1	0,4	3,3	2,4	0,7	-1,7
Slovakia	...	3,7	-2,4	-4,2	2,0	5,0	2,6	0,8
Slovenia	...	2,8	2,0	-0,5	1,3	1,9	1,8	0,7
USA	8,2	7,3	4,5	-0,9	2,3	2,9	1,7	0,2
Tajikistan	39,0	10,4	34,6	4,8	15,8	...	...	...
Turkey	...	7,1	6,2	5,3	15,8	27,0	17,6	12,2
Hungary	...	6,0	7,3	-3,0	4,6	6,2	3,9	0,8
Finland	5,1	4,2	6,6	-2,2	2,7	3,9	0,9	-4,2
France	4,7	2,8	2,6	-2,2	2,4	2,7	0,4	-2,2
Croatia	...	2,7	4,3	-3,8	2,1	2,4	0,8	-2,0
Czechia	4,8	3,0	1,2	-3,2	1,8	2,0	2,6	0,1
Montenegro	...	2,0	-0,5	0,3	1,8	0,3	2,4	0,0
Switzerland	...	1,6	0,6	-3,4	-0,1	1,3	0,6	-0,8
Sweden	3,6	3,8	3,0	-1,0	4,0	5,5	2,7	-2,2

## INDEX

### A

Abortions 7.15  
Administrative and territorial units 1.3  
Adopted orphans 7.25  
Afforestation by plant 18.59  
Agricultural land 18.8, 18.12  
Agricultural output 18.18–18.29  
Agricultural production 18.1, 18.4–18.7  
Agricultural production index 18.1–18.3  
Animal products supplied for processing enterprises 18.49  
Area 1.1, 27.1  
Area of forest ranges dying 18.62  
Area for agricultural crops (harvested) 18.14–18.16  
Area planted with fruit and berry crops, and grapes 18.17  
Art schools 8.3  
Atmosphere 1.1, 10.4–10.7  
Availability of selected durable goods in households 4.39  
Average annual yield of milk 18.48  
Average distance of transport 21.22, 21.23  
Average monthly pension 4.5  
Average monthly wages 3.20–3.26  
Average monthly nominal and real wages 3.23  
Average weight of one livestock animal 18.47

### B

Banks 12.5–12.7  
Basic indicators for the generation and treatment of wastes 10.8, 10.9  
Basic social and economic indicators 1.4  
Births 2.10–2.17  
Boarding schools 7.24  
Budget 12.1–12.3

### C

Capacity and delivery of energy 16.5  
Capital assets 15.1–15.3  
Capital investment 20.1–20.7  
Capital investment for environmental protection 10.14, 10.15  
Cash benefits (assistance) 7.22  
Centers of social and psychological rehabilitation for children 7.26

## INDEX

---

Children registered with units for preventive activity 9.7

Cinemas 8.1, 8.2

Civil justice 9.8

Climate 1.1

Club-houses 8.1, 8.2, 8.4

Collective accommodation facilities 8.6, 8.7

Collective agreements 3.19

Construction output 19.1–19.3

Consumed nutrients 4.38

Consumer price indices 13.1–13.6, 27.12

Convicted 9.4–9.5

Court convictions 9.4, 9.5

Criminal offences 9.1–9.3

Crude birth rates 2.10–2.17, 27.2

Cultural institutions 8.1–8.4

### D

Deaths (death rates) 2.18

Deaths (death rates) of infants under 1 year old 2.20, 2.21

Deposits by households 12.7

Differentiation of household living standards 4.6

Disabilities 7.17–7.21

Distribution of employees at large, medium, small and micro-enterprises 25.7

Distribution of households by access to the Internet 4.40

Distribution of large, medium, small and micro-enterprises 25.6

Distribution of regular employees 3.22

Distribution of the population by purpose of the Internet services usage 4.41

Distribution of the sold products (good, services) of large, medium, small and micro-enterprises 25.9

Distribution of wage-workers at at large, medium, small and micro-enterprises 25.8

Domestic trade turnover 23.1

Duration of registered unemployment 3.9–3.12

### E

Electronic commerce 24.3, 24.4

Emission of pollutants 10.4–10.7

Employees, regular 3.13–3.15

Employees recruitment and retirement rate 3.16

Employment 3.4, 3.5, 3.8

Energy balance 16.7, 16.8

Enrollment in educational institutions 6.6

Enterprise' balance structure 25.10

Expenditure for environment protection 10.15, 10.16

Expenses for innovations of industrial enterprises 26.7–26.9

Exports of goods 22.2



## INDEX

---

Exports of goods for processing 22.4  
Exports of services 22.6, 22.7

### F

Financial outcome before taxation 1.4, 1.5, 25.11  
Fires 9.10, 9.11  
Foodstuffs consumed 4.32–4.37  
Foreign trade in goods 22.1, 22.3  
Foreign trade in services 22.5  
Forest felling 18.56–18.58  
Forest fires 18.63  
Forest protection 18.63  
Forest and forested area 18.51  
Forestry 18.52–18.65  
Freight shipped 21.1–21.4, 21.8–21.11  
Freight traffic 21.5–21.7, 21.12  
Freight transported 21.13

### G

Gross domestic product 11.1–11.5, 16.2, 27.8–27.10  
Gross regional product 11.8–11.11  
Growth rate (decrease) of industrial production 27.11

### H

Harvested area 18.16  
Health care 7.2  
HIV infections 7.8, 7.9  
Hospital beds 7.5  
Households, by size 4.7, 4.11, 4.13, 4.18, 4.20, 4.25, 4.29, 4.33  
Households with children 4.7, 4.8, 4.11, 4.14, 4.18, 4.21, 4.26, 4.30, 4.34  
Housing stock 5.1–5.5  
Hunting animals 18.50

### I

Imports of goods for processing 22.4  
Imports of services 22.6, 22.7  
Imports of goods 22.2  
Indicators of business entities 25.1  
Indices of basic social and economic indicators 1.5  
Indices of construction output 19.1, 19.3  
Indices of consumer prices for the basic groups of goods and services 13.4  
Indices for capital investment 20.5–20.7  
Indices for passenger transport 21.15  
Industrial injuries 7.16

## INDEX

---

Industrial producer price indices 13.1–13.3, 13.7, 13.8, 27.13  
Industrial production indices 17.1–17.7  
Industrial products sold (goods, services) 17.8  
Infections diseases 7.7  
Innovation activity of industrial enterprises 26.8–26.13  
Input-output at consumer prices 11.7  
Institutions executing sentences 9.6  
Institutions of higher education 6.16–6.19

### L

Labour conditions 3.19, 3.20  
Labour force 3.1–3.3, 3.7, 27.5, 27.6  
Land area 10.1  
Legal persons 14.1–14.4  
Length of transport network 21.20, 21.21  
Libraries 8.1, 8.2, 8.4  
Life expectancy 2.22, 2.23, 27.3, 27.4

### M

Marketable timber produced 18.54, 18.56  
Marriages and divorces 2.24–2.26  
Migration 2.27  
Monetary aggregates 12.4  
Morbidity (incidence) 7.10–7.14  
Mortality 2.18–2.19  
Mortality (death rates) of infants under 1 year old 2.19  
Museum 8.1–8.4

### N

National accounts 11.6  
  
National parks 10.2  
Natural population increase (population crude rate) 2.10  
New capital assets putting into service 15.3  
Number of employees at entities type of economic activity 25.3  
Number of employees, engaged in R&D performance 26.1–26.3  
Number of entities by type of economic activity 25.2  
Number of livestock animals 18.36–18.38  
Number of researchers, engaged in R&D performance 26.4  
Number of wage-workers at entities type of economic activity 25.4

### O

Official exchange rate 12.6  
Out-patient and polyclinic institutions 7.6

## INDEX

---

Output of industrial products 17.9–17.20

Output of agricultural crops 18.19–18.30

Output of animal products 18.40–18.46

### P

Paramedical personnel 7.4

Passenger traffic (turnover) 21.16, 21.17

Passengers transportation 21.13–21.15, 21.18

Pensioners 2.8, 2.9

Physicians 7.1–7.3

Population 2.1–2.7, 27.1

Population, by age group 2.5–2.7

Population, by sex 2.4, 2.6

Population (households), by (money, total) income 4.9, 4.11–4.18

Population income and expenditure 4.1–4.4

Postal items 21.26, 21.27

Pre-school educational institutions 6.1–6.4

Price indices 13.1

Price indices for construction 13.10

Price indices for products sold by agricultural enterprises 13.1, 13.9

Prisoners 9.6

Producer price indices, by selected consumer goods 13.8

Productivity of livestock animals 18.47

Professional educational institutions 6.14, 6.15

Profitability of basic types of agricultural products 18.10, 18.11

Profitability of operational activity 25.12

Publication of books, magazines and newspapers 8.4

### R

R&D performance 26.1–26.5

Realization of forest products 18.53

Religious organisations 1.2

Researchers 26.4

Resident bank loans 12.5

Residential buildings put into operation 19.4–19.9

Retail turnover 23.1, 23.5–23.9

Retail trade of enterprises 23.1, 23.5–23.11

Rolling stock 21.19

### S

Sales of goods (products sold) 23.10

Secondary educational institutions 6.5–6.13

## INDEX

---

Sown area for agricultural crops 18.13–18.15  
Spending for R&D performance 26.1–26.5  
Sports institutions 8.6  
Sports facilities 8.7  
Sports school for children 8.5  
State notary services 9.9  
Stationary pollutant emissions 10.5, 10.6  
Structure of agricultural production 18.4–18.7  
Structure of exports/imports of services 22.7  
Structure of household expenditure by basic consumption expenditure 4.23  
Structure of household money expenditure 4.12–4.15  
Structure of household money income 4.24–4.27  
Structure of household total resources 4.28–4.31  
Structure of production cost of agricultural productions 18.9  
Structure of the consumed fuel 16.3  
Structure of total household expenditure 4.19–4.23

### T

Tariff indices for post and communication services 13.11  
Tariff indices for shipment of cargo 13.12  
Theatres 8.1  
Total fertility rate 27.2  
Tourists 8.9  
Training of postgraduate and doctoral students 6.20  
Transport network 21.20–21.21

### U

Unemployed 3.1, 3.2, 3.7, 3.10–3.12  
Unemployment 3.6, 3.9, 3.16, 27.7  
Unified state register of enterprises and organisations of Ukraine (Business register) 14.1–14.4  
Usage of energy 16.6  
Usage of fuel 16.1, 16.3, 16.4  
Use of information and communication technologies at enterprises of Ukraine 24.1, 24.2  
Use of fertilisers in enterprises 18.34  
Uses of fuel and energy resources 16.3, 16.6–16.8  
Use of employees' working hours 3.17, 3.18  
Utilization of pesticides 18.35

### V

Volume indices for freight shipped 21.4  
Volume indices of gross regional product 11.11  
Volume indices of retail turnover of enterprises 23.5, 23.7

## INDEX

---

Volume of the sold products of entities by type of economic activity 25.5

### **W**

Wages of employees 3.20–3.26, 27.8

Wastes 10.8–10.14

Water (supply, drainage, fresh, recycle) 10.3

Wholesale turnover 23.1–23.4

### **Y**

Yields of agricultural crops 18.30–18.33

**State Statistics Service of Ukraine**

**STATISTICAL YEARBOOK  
OF UKRAINE  
FOR 2021**

Edited by **Ihor Verner**

Responsible for edition  
is Olena Vyshnevska



statistics in smartphone



STATE

STATISTICS

SERVICE OF

UKRAINE