

**STATE STATISTICS SERVICE OF UKRAINE**

# **Ukraine in figures 2016**

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## **State Statistics Service of Ukraine**

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The publication provides data on social and economic situation in Ukraine in 2016 earlier years.

The publication is intended for a wide audience of readers.



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## FOREWORD

Statistical publication contains a wide range of statistical indicators on the country's social and economic situation in 2016 as compared to 2010–2015.

The publication contains the following sections: population and migration, labour market, income and living conditions, communities and housing, education, health care and social protection, justice and crimes, environment, national accounts, prices, Unified State Register of Enterprises and Organisations of Ukraine (Business register), industry, agriculture, hunting, forestry, fishery, capital investment and construction, transport and communications, foreign economic activity, domestic trade, information society, science and innovations.

Also, the publication contains a separate section that compares basic indicators on Ukraine's social and economic development with indicators from selected countries of the world.

Statistical indicators are broken down by type of economic activity, product type, organisational and legal status and regions.

Some thematic and sectorial indicators for 2016 are preliminary or estimated and probably will be revised in the forthcoming editions. Selected indicators for the previous years have been revised as compared to those previously published. More detailed social and economic characteristics of the country will be available in *Statistical Yearbook of Ukraine for 2016*.

The publication gives information based on the results of the state statistical observations (absolute and relative indicators) for 2014–2016 is presented and compiled excluding the temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and a part of the zone where anti-terrorist operation is conducted. In addition, the comparison of the relative indicators is ensured. Also, information produced according to data from central executive bodies is compiled on the basis of available administrative data. Data on the Donetsk and Luhansk regions present the enterprises, establishments and organisations that submitted reporting to the state statistics bodies.

Please, be aware that on the SSSU official web site ([www.ukrstat.gov.ua](http://www.ukrstat.gov.ua)) you can find more information about the country's social and economic situation.

*State Statistics Service of Ukraine*

## ABBREVIATIONS USED IN THE PUBLICATION

bln. – billion	mm – millimetre
centner (100 kg)	mln. – million
cub.m – cubic metre	mln.t N – million tonnes nitrogen
dal – dekalitre	n.i.e. – not included elsewhere
etc – et cetera	% – percent
g – gramme	pcs – pieces
g/L – gramme per litre	sq.km – square kilometre
ha – hectare	sq.m – square metre
kg – kilogramme	t – tonnes
km – kilometre	thsd. – thousand
kV·A – kilovolt-ampere	tkm – tonne-kilometre
kW – kilowatt	UAH – Ukrainian hryvnya
kW·h – kilowatt-hour	USD – dollar of USA
L – litre	V – volt
m – metre	W – watt

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## CONVENTIONAL SYMBOLS USED IN THE PUBLICATION

Dash (—)	— not observed
Dots (...)	— not available
Zero (0; 0,0)	— data are very negligible for the units of measurement
Symbol (×)	— not applicable
“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 does not equal the total



# CONTENTS

<b>FOREWORD .....</b>	<b>3</b>
<b>ABBREVIATIONS USED IN THE PUBLICATION .....</b>	<b>4</b>
<b>CONVENTIONAL SYMBOLS USED IN THE PUBLICATION .....</b>	<b>4</b>
 <b>1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS .....</b>	 <b>16</b>
1.1. Geographical and political characteristics .....	16
1.2. Religious organisations .....	18
1.3. Administrative and territorial units, by region .....	19
1.4. Basic social and economic indicators .....	20
1.5. Indices of basic social and economic indicators .....	22
 <b>2. POPULATION AND MIGRATION .....</b>	 <b>23</b>
2.1. Population .....	23
2.2. Present population, by region .....	24
2.3. Life expectancy at birth, by sex .....	25
2.4. Vital statistics .....	25
2.5. Vital statistics in 2016, by region .....	26
2.6. Death rates of infants under 1 year old, by region .....	28
2.7. Migration increase (decrease) of the population .....	28
2.8. Migration of population in 2016, by region .....	29
 <b>3. LABOUR MARKET .....</b>	 <b>30</b>
3.1. Economically active population .....	30
3.2. ILO unemployed, by duration of job search .....	31
3.3. Demand, supply of labour force in 2016, by type of economic activity .....	32
3.4. Demand and supply of labour force in 2016, by region .....	33
3.5. Average monthly nominal and real wages of regular employees .....	34

3.6.	Average monthly nominal and real wages of regular employees in 2016 .....	34
3.7.	Average monthly nominal wages of regular employees, by type of economic activity .....	35
3.8.	Average monthly nominal wages of regular employees, by region .....	36
3.9.	Average monthly nominal wages of regular employees, by type of economic activity industry .....	37
<b>4.</b>	<b>INCOME AND LIVING CONDITIONS .....</b>	<b>38</b>
4.1.	Population income and expenditure .....	38
4.2.	Structure of population income in 2015 .....	39
4.3.	Structure of population expenditure and savings in 2015 .....	39
4.4.	Structure of total household expenditure .....	40
4.5.	Population, by total per capita equivalent income .....	41
4.6.	Structure of household money expenditure .....	42
4.7.	Population, by per capita equivalent money income .....	43
4.8.	Foodstuffs consumed by households, by quintile (20%) group and total per capita equivalent income .....	44
4.9.	Foodstuffs consumed .....	46
4.10.	Availability of selected durable goods in households .....	47
<b>5.</b>	<b>COMMUNITIES AND HOUSING .....</b>	<b>48</b>
5.1.	Housing stock .....	48
5.2.	Housing stock, by region .....	48
5.3.	Old housing stock, by region .....	49
<b>6.</b>	<b>EDUCATION .....</b>	<b>50</b>
6.1.	Enrollment in educational institutions .....	50
6.2.	Enrollment in educational institutions at the beginning of 2016/17 academic year, by region .....	51
6.3.	Secondary educational institutions .....	51
6.4.	Pupils graduating from secondary educational institutions .....	52

6.5.	Attendance by shift in day secondary educational institutions .....	52
6.6.	Attendance by shift in day secondary educational institutions, by region .....	53
6.7.	Professional training institutions .....	54
6.8.	Competitive examinations to institutions of higher education .....	54
6.9.	Institutions of higher education .....	55
<b>7.</b>	<b>HEALTH CARE AND SOCIAL PROTECTION .....</b>	<b>56</b>
7.1.	Health care indicators .....	56
7.2.	Care homes for the aged and disabled (adults and children) .....	56
7.3.	Incidence of illness due to drug addiction .....	57
7.4.	Incidence of malignant tumours .....	58
7.5.	Incidence of active tuberculosis .....	58
7.6.	Incidence of active tuberculosis, by region .....	59
7.7.	Incidence of venereal disease .....	60
7.8.	HIV infections and number of persons registered as HIV positive .....	60
7.9.	Cash benefits to low-income persons incapable of working .....	61
7.10.	Cash and in-kind assistance to persons who are in complicated real-life situation in 2016 .....	61
7.11.	Subsidies to the population in 2016, by region .....	62
<b>8.</b>	<b>JUSTICE AND CRIMES .....</b>	<b>63</b>
8.1.	Crimes, by selected category .....	63
8.2.	Crimes related on narcotics and other harmful drugs .....	64
8.3.	Convicted persons, by category .....	65
8.4.	Convicted persons, by major type of sentence .....	66
8.5.	Number and composition of children registered with the units of preventive activity on juvenile prevention .....	66
8.6.	Share of young people (below 30 years of age), convicted for selected crimes .....	67
8.7.	Share of minors convicted of selected crimes .....	68

<b>9.</b>	<b>ENVIRONMENT .....</b>	<b>69</b>
9.1.	Stationary pollutant emissions and carbon dioxide into the atmosphere in 2016, by type of economic activity .....	69
9.2.	Stationary pollutant emissions into the atmosphere, by region and selected cities and towns .....	70
9.3.	Capacities for preventing pollution of water and air put into operation .....	74
<b>10.</b>	<b>NATIONAL ACCOUNTS .....</b>	<b>75</b>
10.1.	Gross domestic product (GDP) production and distribution, by type of economic activity .....	75
10.2.	GDP, by category of final use .....	80
10.3.	GDP structure, by income category .....	81
10.4.	Integrated table of national accounts for 2015 .....	82
10.5.	Input-output at consumer prices in 2015 .....	88
10.6.	Gross regional product .....	91
10.7.	Share of gross regional product in the general total .....	92
10.8.	Per capita gross regional product .....	93
10.9.	Volume indices of gross regional product .....	94
<b>11.</b>	<b>PRICES .....</b>	<b>95</b>
11.1.	Price indices .....	95
11.2.	Consumer price indices and industrial producer price indices in 2010–2016 .....	95
11.3.	Consumer and producer price indices .....	95
11.4.	Consumer price indices in 2016, by region .....	96
11.5.	Consumer price indices, by region .....	98
11.6.	Indices of consumer prices for the basic groups of goods and services .....	99
11.7.	Industrial producer price indices .....	100
11.8.	Producer price indices, by selected consumer goods .....	101
11.9.	Price indices for agricultural products sold by agricultural enterprises .....	102

11.10.	Price indices for construction .....	102
11.11.	Tariff indices for post and communication services for enterprises, departments, organisations .....	103
11.12.	Tariff indices for shipment of cargo by rail .....	103
11.13.	Tariff indices for transportation by pipelines .....	103
<b>12.</b>	<b>THE UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE (Business register) .....</b>	<b>104</b>
12.1.	Number of legal persons, by region .....	104
12.2.	Business of legal persons, by region .....	105
12.3.	Number of legal persons, by the organisational forms .....	106
12.4.	Number of legal persons, by type of economic activity .....	108
<b>13.</b>	<b>INDUSTRY .....</b>	<b>109</b>
13.1.	Industrial production indices, by type of activity .....	109
13.2.	Industrial production indices, by region .....	110
13.3.	Usage of fuel .....	110
13.4.	Usage of selected types of fuel in 2016, by region.....	111
13.5.	Output of industrial products, by type of activity .....	112
13.6.	Output of sausages, by region .....	118
13.7.	Output of crude sunflower-seed and sunflower oil and their fractions (excluding chemically modified), by region.....	119
13.8.	Output of processed skimmed milk (pasteurized, sterilized, homogenized, clarified, peptized), by region .....	120
13.9.	Production of rennet and processed cheese, by region .....	121
13.10.	Output of yoghurt and fermented or acidified milk or cream, by region .....	122
13.11.	Output of granulated white beet sugar, by region .....	123
13.12.	Per capita of food products and beverages .....	124
13.13.	Output of footwear, by region .....	125

13.14.	Per capita manufacture of textiles, apparel, leather and related products .....	126
<b>14.</b>	<b>AGRICULTURE, HUNTING, FORESTRY, FISHING .....</b>	<b>127</b>
	<b>AGRICULTURE .....</b>	<b>127</b>
14.1.	Agricultural production indices .....	127
14.2.	Agricultural production indices, by region .....	128
14.3.	Share of regions in the total volume of agricultural products in 2016 .....	129
14.4.	Structure of agricultural production .....	130
14.5.	Share of the population holdings in agricultural production .....	131
14.6.	Per capita agricultural products production.....	131
14.7.	Distribution of agricultural enterprises in 2016, by size of agricultural land .....	132
14.8.	Tractors and harvesting combines in agricultural enterprises .....	132
14.9.	Sales of agricultural products by agricultural enterprises .....	133
14.10.	Average prices for sale of agricultural products by agricultural enterprises .....	133
	<b>CROP GROWING .....</b>	<b>134</b>
14.11.	Sown area for agricultural crops .....	134
14.12.	Harvested area .....	135
14.13.	Area planted with fruit and berries, and grapes .....	135
14.14.	Output of agricultural crops .....	136
14.15.	Output of agricultural crops, by category of enterprises .....	137
14.16.	Output of agricultural crops in 2016, by region .....	138
14.17.	Yield of agricultural crops .....	139
14.18.	Yield of agricultural crops in 2016, by region .....	140
	<b>CATTLE RAISING .....</b>	<b>141</b>
14.19.	Number of livestock animals .....	141

14.20.	Productivity of livestock animals at agricultural enterprises.....	141
14.21.	Number of livestock animals in 2016, by region.....	142
14.22.	Output of animal products, by category of enterprises .....	143
14.23.	Output of meat, by category .....	143
14.24.	Output of animal products in 2016, by region .....	144
	<b>HUNTING</b> .....	145
14.25.	Basic hunting indicators .....	145
14.26.	Area of hunting lands and number of hunting animals in 2016, by region.....	146
14.27.	Expenditure on hunting management in 2016, by region .....	147
	<b>FORESTRY</b> .....	148
14.28.	Basic indicators of forestry operations .....	148
14.29.	Forestry products (goods and services), by region .....	149
14.30.	Marketable timber produced, by region .....	150
14.31.	Forest felling and measures in 2016, by region .....	151
14.32.	Forest fires in 2016, by region .....	152
14.33.	Forest protection operations .....	153
	<b>FISHING</b> .....	154
14.34.	Harvesting of water bio-resources, by type .....	154
14.35.	Harvesting of water bio-resources in 2016, by region.....	155
<b>15.</b>	<b>CAPITAL INVESTMENT AND CONSTRUCTION</b> .....	156
15.1.	Capital investment .....	156
15.2.	Selected production capacities put into operation .....	156
15.3.	Agricultural production and capacities of the food-processing industry put into operation .....	157
15.4.	Indices of construction output, by type .....	157

15.5.	Construction output, by type of construction output .....	157
15.6.	Indices of construction output, by region .....	158
	<b>RESIDENTIAL, SOCIAL AND CULTURAL CONSTRUCTION .....</b>	<b>159</b>
15.7.	Residential buildings put into service and the number of apartments built .....	159
15.8.	Residential buildings put into service, by region .....	160
15.9.	Residential buildings put into service in urban areas, by region .....	161
15.10.	Residential buildings put into service in rural areas, by region .....	162
15.11.	Capacity of social and cultural facilities put into service .....	163
<b>16.</b>	<b>TRANSPORT AND COMMUNICATIONS .....</b>	<b>164</b>
16.1.	Volume indices of freight shipped, by mode of transport .....	164
16.2.	Volume indices for passenger transport .....	164
16.3.	Freight shipped, by mode of transport .....	165
16.4.	Freight traffic, by mode of transport .....	165
16.5.	Freight shipped, by rail of general use .....	165
16.6.	Freight shipped by road, by region .....	166
16.7.	Road freight traffic, by region .....	167
16.8.	Freight transported by pipelines .....	167
16.9.	Total passengers transported, by mode of transport .....	168
16.10.	Passenger traffic by mode of transport .....	168
16.11.	Passenger transport, by type of journey and selected mode of transport .....	169
16.12.	Rolling stock, by mode of transport and purpose .....	170
16.13.	Operational length of transport network .....	171
16.14.	Traffic accidents on roads and streets .....	171
16.15.	Revenues of post and communication services .....	172
16.16.	Revenues of post and communication services to households .....	173



16.17.	Post and communication services .....	174
16.18.	Availability of telephones to households .....	174
<b>17.</b>	<b>FOREIGN ECONOMIC ACTIVITY .....</b>	<b>175</b>
17.1.	Foreign trade in goods, by country .....	175
17.2.	Exports/imports of goods in 2016, by region .....	179
17.3.	Commodity structure of foreign trade in 2016 .....	180
17.4.	Exports/imports of goods for processing, by country .....	181
17.5.	Foreign trade in services, by country .....	183
17.6.	Exports/imports of services in 2016, by region .....	185
17.7.	Structure of exports/imports of services in 2016 .....	186
17.8.	Direct investment in Ukraine in 2016 .....	187
17.9.	Direct investment (paid-in capital) to Ukraine, by country .....	187
17.10.	Direct investment (paid-in capital) in Ukraine in 2016, by type of economic activity .....	188
17.11.	Direct investment (paid-in capital) in 2016, by region .....	189
17.12.	Direct Ukrainian investment abroad in 2016 .....	190
17.13.	Direct Ukrainian investment (paid-in capital) abroad, by country .....	190
17.14.	Direct Ukrainian investment (paid-in capital) abroad in 2016, by type of economic activity .....	191
<b>18.</b>	<b>DOMESTIC TRADE .....</b>	<b>192</b>
18.1.	Wholesale turnover, by region .....	192
18.2.	Wholesale turnover by food and manufactured products .....	193
18.3.	Retail turnover .....	193
18.4.	Retail turnover, by region .....	194
18.5.	Per capita retail turnover, by region .....	195
18.6.	Volume indices of retail turnover, by goods groups .....	196
18.7.	Retail sales of selected foods product groups .....	197
18.8.	Retail sales of alcoholic beverages and tobacco products .....	197

18.9.	Retail sales of selected non-food product groups .....	198
<b>19.</b>	<b>INFORMATION SOCIETY .....</b>	<b>199</b>
19.1.	Usage of computers and computer networks at enterprises in 2016 ....	199
19.2.	Types of external communication with the Internet network in 2016 ..	200
19.3.	Directions of the Internet network usage in 2016.....	201
19.4.	Usage of social media at enterprises in 2016 .....	203
<b>20.</b>	<b>SCIENCE AND INNOVATIONS .....</b>	<b>204</b>
20.1.	Number of employees engaged in R&D by staff category .....	204
20.2.	Internal expenditure for R&D performance by type of work .....	204
20.3.	Number of employees engaged in R&D performance, by region.....	205
20.4.	Internal expenditure for R&D performance, by region .....	206
20.5.	Number of employees engaged in R&D performance by field of study.....	207
20.6.	Internal expenditure for R&D performance by field of study .....	207
20.7.	Distribution of researchers in 2016, by sex by field of science .....	207
20.8.	Distribution of researchers by sex in 2016, by region .....	208
20.9.	Share of industrial enterprises that introduced innovations .....	209
20.10.	Introduction of innovation at industrial enterprises .....	209
20.11.	Share of industrial enterprises that implemented innovations in 2015, by type of innovation and region .....	210
20.12.	Share of industrial enterprises that implemented innovations in 2015, by type of innovation and activity .....	211
20.13.	Number of industrial enterprises that sold innovation products in 2015, by region .....	212
20.14.	Number of industrial enterprises that sold innovation products in 2015, by type of activity .....	213
20.15.	Number of implemented new technological processes at enterprises, by region .....	214

20.16.	Number of implemented new technological processes at enterprises, by type of activity .....	215
20.17.	Number of titles of implemented innovation types of products at industrial enterprises, by region.....	216
20.18.	Number of titles of implemented innovation types of products at industrial enterprises, by type of activity .....	217
<b>21.</b>	<b>INTERNATIONAL COMPARISONS</b> .....	<b>218</b>
21.1.	Population .....	218
21.2.	Total fertility rate .....	220
21.3.	Average life expectancy at birth for women .....	222
21.4.	Average life expectancy at birth for men .....	224
21.5.	Economic activity rate of women aged 15–64 .....	226
21.6.	Economic activity rate of men aged 15–64 .....	228
21.7.	Unemployment rate .....	230
21.8.	GDP volume indices .....	232
21.9.	Consumer price indices .....	234
21.10.	Industrial production indices .....	236
<b>INDEX</b>	.....	<b>238</b>

# 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.

<b>Present population,</b> as of January 1, 2017	42,6 mln. (excluding the temporary occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol)
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<b>Area</b>	603,5 thsd.sq.km (State Service on Geodesy, Cartography and Cadaster of Ukraine)
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### Length

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

### Extreme border locations

Northern	Hremiach Village (Chernihiv oblast)
Southern	Sarych Cape (Autonomous Republic of Crimea)
Western	neighbourhood Chop city (Zakarpattia oblast)
Eastern	Village Rannya Zorya ( <i>formerly Chervona Zirka (Luhansk oblast)</i> ) <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 2016**

(source: the Ukrainian Hydrometeorological center; mm)

Steppe	593	Forest	705
Forest-steppe	681	Kyiv city	654

**Air temperature**

(source: the Ukrainian Hydrometeorological center; °C)

**Average monthly air temperature in 2016**

	<i>January</i>	<i>July</i>
Steppe	−4,8	23,5
Forest-steppe	−5,8	21,6
Forest	−4,5	20,5
Kyiv city	−5,8	22,4

In 2016 the absolute minimum of air temperature was minus 28° in January in the Dnipropetrovsk and Kherson oblasts.

In 2016 the absolute maximum of air temperature was plus 40° in July in the Dnipropetrovsk, Donetsk and Kharkiv oblasts.

**Biggest rivers**

(length within the borders of Ukraine; km)

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

**Biggest lakes and estuaries**

(sq.km of water surface)

<i>Lakes</i>		<i>Estuaries</i>	
Yalpuh	149	Dniprovskiyi	800
Kagul	90	Utyutskiyi	700
Kugurluy	82	Dnistrovskiyi	360
Sasyk	75,3	Sasyk (Kunduk)	210
Katlabuh	68	Molochnyi	168
		Buzkyi	162
		Tylihulskiyi	80

**Highest mountain peaks**

(m)

**Ukrainian Carpathians****Crimean Mountains**

Hoverla	2061	Roman-Kosh	1545
Brebenskul	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 9.2

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**

(source: the Ministry Culture of Ukraine; beginning of year)

	2011	2012	2013	2014	2015	2016	2017
<b>Total</b>	<b>33977</b>	<b>34586</b>	<b>35116</b>	<b>37209</b>	<b>35317</b>	<b>35709</b>	<b>35919</b>
Centres, departments (eparchies, dioceses, etc)	362	375	382	386	379	378	380
Communities	32521	33099	33581	35646	33781	34183	34385
Monasteries	459	471	500	519	516	516	515
Missions	357	360	370	369	365	359	365
Brotherhoods	78	80	81	83	78	75	72
Theological educational institutions	200	201	202	206	198	198	202
Number of clergy	30199	30880	31313	32456	31781	31851	31451
Number of Sunday schools	12762	12899	13157	13104	12406	12171	12922

Of the total religious organisations registered as of January 1, 2017, 19416 were Orthodox, 5143 Catholic, 10298 Protestant, 352 communities of Judaic denomination, 252 Moslem, 156 of Eastern cults and 302 other. In addition, 1063 religious organisations operated unofficially.

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

(source: Verkhovna Rada of Ukraine official web portal; as of January 1, 2017)

	Rayons	United territorial communities	Cities and towns		City districts	Township	Villages
			total	of which have special, republican and oblast status			
<b>Ukraine</b>	<b>490</b>	<b>216</b>	<b>460</b>	<b>189</b>	<b>111</b>	<b>885</b>	<b>28377</b>
Autonomous Republic of Crimea	14	—	16	11	3	56	947
<b>oblasts</b>							
Vinnitsya	27	3	18	6	—	29	1457
Volyn	16	7	11	4	—	22	1054
Dnipropetrovsk	22	34	20	13	18	46	1435
Donetsk	18	3	52	28	21	131	1115
Zhytomyr	23	10	12	5	2	43	1613
Zakarpattia	13	2	11	5	—	19	578
Zaporizhzhya	20	7	14	5	7	22	914
Ivano-Frankivsk	14	4	15	6	—	24	765
Kyiv	25	2	26	13	—	30	1126
Kirovohrad	21	5	12	4	2	27	991
Luhansk	18	2	37	14	4	109	780
Lviv	20	15	44	9	6	34	1850
Mykolayiv	19	1	9	5	4	17	885
Odesa	26	8	19	9	4	33	1124
Poltava	25	12	15	6	5	21	1805
Rivne	16	14	11	4	—	16	999
Sumy	18	15	15	7	2	20	1455
Ternopil	17	26	18	4	—	17	1023
Kharkiv	27	2	17	7	9	61	1673
Kherson	18	1	9	4	3	31	658
Khmelnyskiy	20	22	13	6	—	24	1414
Cherkasy	20	6	16	6	2	15	824
Chernivtsi	11	10	11	2	3	8	398
Chernihiv	22	5	16	4	2	29	1465
<b>cities</b>							
Kyiv	—	—	1	1	10	—	—
Sevastopol <sup>1</sup>	—	—	2	1	4	1	29

<sup>1</sup> Including the town of Inkerman, Kacha township and village councils that are subordinated to the city council

**1.4. Basic social and economic indicators**

	2010	2011	2012	2013	2014	2015	2016
Gross domestic product (at current prices) <sup>1</sup> , bln. UAH	1120,6	1349,2	1459,1	1522,7	1586,9	1988,5	2383,2
per capita <sup>1</sup> , UAH	24429	29519	32002	33473	36904	46413	55848
Population income, bln. UAH	1101,2	1266,8	1457,9 <sup>1</sup>	1548,7 <sup>1</sup>	1516,8 <sup>1</sup>	1735,9 <sup>1</sup>	2002,4 <sup>1</sup>
Consumer price index (Dec. over Dec. of the previous year), percent	109,1	104,6	99,8	100,5	124,9	143,3	112,4
Industrial producer price index (Dec. over Dec. of the previous year), percent	118,7	114,2	100,3	101,7	131,8	125,4	135,7
Price index for agriculture products sold by agricultural enterprises (of the previous year), percent	130,0	113,6	106,8	97,1	124,3	154,5	109,0
Financial outcome before taxation, bln. UAH	58,3	122,2	101,9	29,3	-523,6	-340,1	-22,9
Agricultural production (at constant prices of 2010), bln. UAH	194,9	233,7	223,3	252,9	251,4	239,4	254,0
Capital investment, bln. UAH	189,1	259,9	293,7	267,7	219,4	273,1	359,2
Residential buildings put into service, mln.sq.m of total size <sup>2</sup>	9,3	9,4	10,7	11,2	9,7	11,0	9,4



## BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.4 continued

	2010	2011	2012	2013	2014	2015	2016
Freight shipped by all type of carriers, bln.t	1,8	1,9	1,9	1,8	1,6	1,5	1,5
Passengers transported by transport of general use <sup>3</sup> , bln.	6,8	7,0	6,8	6,6	5,9	5,2	4,9
Retail turnover <sup>4</sup> (at current prices), bln. UAH	271,4	338,7	392,6	420,1	427,5	487,6	556,0
Exports of goods and services, bln. USD	62,8	81,7	81,9	76,5	64,1	46,8	45,1
Imports of goods and services, bln. USD	66,2	88,8	91,4	84,6	60,8	43,0	44,6
Resident population (end of year), mln.	45,6	45,5	45,4	45,2	42,8	42,6	42,4
Natural increase, decrease (–) in population, thsd.	–200,5	–162,0	–142,4	–158,7	–166,4	–183,0	–186,6
Total employed, thsd.	20266,0	20324,2	20354,3	20404,1	18073,3 <sup>5</sup>	16443,2	16276,9
Unemployed (ILO methodology), thsd.	1785,6	1732,7	1657,2	1576,5	1847,6 <sup>5</sup>	1654,7	1678,2
Unemployment rate (ILO methodology), percent	8,1	7,9	7,5	7,2	9,3 <sup>5</sup>	9,1	9,3
Average monthly nominal wages <sup>6</sup> , UAH	2239	2633	3026	3265	3480 <sup>5</sup>	4195	5183

<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> See the footnote to Table 15.7

<sup>3</sup> Including automobile passenger transportation by natural and legal persons of small businesses

<sup>4</sup> See the footnote to Table 18.3

<sup>5</sup> Data are presented excluding the temporarily occupied territories of the Autonomous Republic of Crimea, the city of Sevastopol

<sup>6</sup> See the footnote to Table 3.5

**1.5. Indices of basic social and economic indicators***(percent of the previous year)*

	2010	2011	2012	2013	2014	2015	2016
Gross domestic product <sup>1</sup> (at the prices of the previous year)	104,1	105,4	100,2	100,0	93,4	90,2	102,3
per capita <sup>1</sup>	104,5	105,8	100,4	100,3	93,7	90,6	102,7
Real available income	117,1	108,0	113,9 <sup>1</sup>	106,1 <sup>1</sup>	88,5 <sup>1</sup>	77,7 <sup>1</sup>	100,3 <sup>1</sup>
Financial outcome from usual activity before taxation	×	209,5	83,4	28,7	×	×	×
Industrial production <sup>2</sup>	112,0	108,0	99,5	95,7	89,9	87,0	102,8
Agricultural production	98,5	119,9	95,5	113,3	102,2	95,2	106,1
Capital investment	...	118,8	108,5	88,9	75,9	98,3	118,0
Residential buildings put into service	145,9	100,8	114,2	104,4	97,9	113,4	84,8
Freight shipped by all type of carriers	108,7	106,8	98,2	99,1	90,1	90,8	104,6
Passengers transported by transport of general use	94,1	102,0	97,6	97,2	94,7	87,5	93,9
Retail turnover <sup>3</sup> (at comparable prices)	110,2	113,3	112,5	106,2	90,2	80,2	104,5
Exports of goods and services	128,0	130,2	100,3	93,3	85,7	73,0	96,4
Imports of goods and services	130,8	134,2	103,0	92,6	72,9	70,7	103,7
Resident population (end of year)	99,6	99,7	99,8	99,7	99,7	99,6	99,6
Total employed	100,4	100,3	100,1	100,2	93,6	... <sup>4</sup>	99,0
Unemployed (ILO methodology)	91,2	97,0	95,6	95,1	122,3	... <sup>4</sup>	101,4
Average monthly wages							
Nominal	120,0	117,6	114,9	107,9	106,0	120,5	123,6
Real	110,2	108,7	114,4	108,2	93,5	79,8	109,0

<sup>1</sup> See the first footnote to Table 1.4<sup>2</sup> See the footnotes to Table 13.1<sup>3</sup> See the footnotes to Table 18.3<sup>4</sup> Data comparisons are impossible due to the change in survey organisation

## 2. POPULATION AND MIGRATION<sup>1</sup>

### 2.1. Population<sup>2</sup>

	2002	2011	2012	2013	2014	2015	2016	2017
<b>Present population, mln.</b>	<b>48,5</b>	<b>45,8</b>	<b>45,6</b>	<b>45,6</b>	<b>45,4</b>	<b>42,9</b>	<b>42,8</b>	<b>42,6</b>
urban	32,6	31,5	31,4	31,4	31,3	29,7	29,6	29,5
rural	15,9	14,3	14,2	14,2	14,1	13,2	13,2	13,1
percentage of total population								
urban	67,2	68,7	68,8	68,9	69,0	69,1	69,2	69,2
rural	32,8	31,3	31,2	31,1	31,0	30,9	30,8	30,8
<b>Resident population, mln.</b>	<b>48,2</b>	<b>45,6</b>	<b>45,5</b>	<b>45,4</b>	<b>45,2</b>	<b>42,8</b>	<b>42,6</b>	<b>42,4</b>
males	22,3	21,0	21,0	21,0	20,9	19,8	19,7	19,6
females	25,9	24,6	24,5	24,4	24,3	23,0	22,9	22,8
percentage of total population								
males	46,3	46,1	46,2	46,2	46,2	46,3	46,3	46,3
females	53,7	53,9	53,8	53,8	53,8	53,7	53,7	53,7

<sup>1</sup> Starting from April 2016, information about migration is compiled on the basis of available administrative data that were supplied by selected registration bodies (executive bodies of rural, village or city councils, rural heads (if the executive body of rural council was not set up according to legislation)) due to the fact that the State Migration Service of Ukraine stopped the provision of the base information to the state statistics bodies in order to calculate migration movement of the population (data on place of residence registration and deregistration cards in Ukraine)

<sup>2</sup> Here and elsewhere tables to Section 2 containing the statistics on the population for 2002 are based on the Census as of December 5, 2001; for other years, as of January 1

**2.2. Present population, by region***(as of January 1, 2017)*

	Population, thsd.	Of which		Share of urban population
		urban	rural	
<b>Ukraine</b>	<b>42584,5</b>	<b>29482,3</b>	<b>13102,2</b>	<b>69,23</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnysya	1590,4	810,1	780,3	50,94
Volyn	1041,0	544,6	496,4	52,31
Dnipropetrovsk	3230,4	2701,1	529,3	83,61
Donetsk	4244,0	3852,3	391,7	90,77
Zhytomyr	1240,5	730,6	509,9	58,90
Zakarpattia	1258,8	465,5	793,3	36,98
Zaporizhzhya	1739,5	1343,0	396,5	77,20
Ivano-Frankivsk	1379,9	605,1	774,8	43,85
Kyiv	1734,5	1077,9	656,6	62,14
Kirovohrad	965,8	607,2	358,6	62,87
Luhansk	2195,3	1908,5	286,8	86,94
Lviv	2534,0	1544,7	989,3	60,96
Mykolayiv	1150,1	786,1	364,0	68,35
Odesa	2386,5	1595,7	790,8	66,86
Poltava	1426,8	885,6	541,2	62,07
Rivne	1162,7	552,3	610,4	47,50
Sumy	1104,5	759,1	345,4	68,73
Ternopil	1059,2	473,6	585,6	44,72
Kharkiv	2701,2	2178,8	522,4	80,66
Kherson	1055,6	646,3	409,3	61,23
Khmelnyskiy	1285,3	726,4	558,9	56,52
Cherkasy	1231,2	701,6	529,6	56,99
Chernivtsi	908,1	391,1	517,0	43,07
Chernihiv	1033,4	669,3	364,1	64,76
<b>cities</b>				
Kyiv	2925,8	2925,8	—	100,00
Sevastopol	...	...	...	...

**2.3. Life expectancy at birth, by sex***(years)*

	2010 <sup>1</sup>	2011	2012	2013	2014	2015
<b>Both sexes</b>	<b>70,44</b>	<b>71,02</b>	<b>71,15</b>	<b>71,37</b>	<b>71,37</b>	<b>71,38</b>
Males	65,28	65,98	66,11	66,34	66,25	66,37
Females	75,50	75,88	76,02	76,22	76,37	76,25

<sup>1</sup> Data are produced for the two adjoining years**2.4. Vital statistics**

	2010	2011	2012	2013	2014	2015	2016
<b>Thsd.</b>							
Live births	497,7	502,6	520,7	503,7	465,9	411,8	397,0
Deaths	698,2	664,6	663,1	662,4	632,3	594,8	583,6
Natural increase (decrease) in population	-200,5	-162,0	-142,4	-158,7	-166,4	-183,0	-186,6
<b>Units</b>							
Marriages	305,9	355,9	278,3	304,2	295,0	299,0	229,5
Divorces	126,1 <sup>1</sup>	182,5	168,5	164,9	130,7	129,4	130,0
<b>Per 1000 present population</b>							
Live births	10,8	11,0	11,4	11,1	10,8	10,7 <sup>2</sup>	10,3 <sup>2</sup>
Deaths	15,2	14,5	14,5	14,6	14,7	14,9 <sup>2</sup>	14,7 <sup>2</sup>
Natural increase (decrease) in population	-4,4	-3,5	-3,1	-3,5	-3,9	-4,2 <sup>2</sup>	-4,4 <sup>2</sup>
Marriages	6,7	7,8	6,1	6,7	6,9	7,8 <sup>2</sup>	5,9 <sup>2</sup>
Divorces	2,7 <sup>1</sup>	4,0	3,7	3,6	3,0	3,3 <sup>2</sup>	3,3 <sup>2</sup>

<sup>1</sup> According to data from bodies of the state registration of acts of civil status not including the annulment of marriages fulfilled through the courts<sup>2</sup> It is calculated excluding data on the Donetsk and Luhansk regions

**2.5. Vital statistics in 2016, by region***(persons)*

	Live births	Deaths	Natural increase (decrease) in population
<b>Ukraine</b>	<b>397037</b>	<b>583631</b>	<b>–186594</b>
Autonomous Republic of Crimea	...	...	...
<b>oblasts</b>			
Vinnitsya	15316	24617	–9301
Volyn	13033	13492	–459
Dnipropetrovsk	31000	53127	–22127
Donetsk	19321	36808	–17487
Zhytomyr	12982	20108	–7126
Zakarpattia	16000	15399	601
Zaporizhzhya	15664	28129	–12465
Ivano-Frankivsk	14660	17221	–2561
Kyiv	19027	28193	–9166
Kirovohrad	8859	16277	–7418
Luhansk	6485	14097	–7612
Lviv	27134	32263	–5129
Mykolayiv	10781	17421	–6640
Odesa	26417	33570	–7153
Poltava	12476	24437	–11961
Rivne	15688	14483	1205
Sumy	8822	18701	–9879
Ternopil	9974	14954	–4980
Kharkiv	24004	42229	–18225
Kherson	10769	16442	–5673
Khmelnyskiy	12742	19982	–7240
Cherkasy	10582	20267	–9685
Chernivtsi	10226	11513	–1287
Chernihiv	8506	19235	–10729
<b>cities</b>			
Kyiv	36569	30666	5903
Sevastopol	...	...	...

Table 2.5 continued

	Marriages, units	Divorces, units
<b>Ukraine</b>	<b>229453</b>	<b>129997</b>
Autonomous Republic of Crimea	...	...
<b>oblasts</b>		
Vinnytsya	8623	5372
Volyn	5965	2753
Dnipropetrovsk	18201	12567
Donetsk	10559	7813
Zhytomyr	6943	3863
Zakarpattia	7435	2863
Zaporizhzhya	9759	6504
Ivano-Frankivsk	8026	4086
Kyiv	11405	6851
Kirovohrad	4774	3337
Luhansk	3781	3166
Lviv	15521	6123
Mykolayiv	6653	4401
Odesa	15386	8160
Poltava	7705	4783
Rivne	6709	2837
Sumy	5429	3408
Ternopil	5975	3028
Kharkiv	16312	9367
Kherson	5961	3481
Khmelnyskiy	7184	4516
Cherkasy	6268	4151
Chernivtsi	5535	3095
Chernihiv	5115	3306
<b>cities</b>		
Kyiv	24229	10166
Sevastopol	...	...

**2.6. Death rates of infants under 1 year old, by region***(deaths of infants under 1 year old per 1000 live births)*

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>9,1</b>	<b>9,0</b>	<b>8,4</b>	<b>8,0</b>	<b>7,8</b>	<b>7,9</b>	<b>7,4</b>
Autonomous Republic of Crimea	8,8	9,1	8,8	6,9	...	...	...
<b>oblasts</b>							
Vinnitsya	8,4	10,4	9,1	8,0	6,5	7,2	6,6
Volyn	8,2	7,9	7,0	6,2	6,0	6,3	7,0
Dnipropetrovsk	9,7	9,5	10,0	7,6	7,7	8,5	8,0
Donetsk	12,0	11,4	12,6	11,3	10,0	8,7	8,8
Zhytomyr	9,1	8,9	8,0	7,7	7,4	7,3	7,9
Zakarpattia	10,9	10,6	8,9	9,4	9,0	10,5	10,4
Zaporizhzhya	10,1	9,3	8,2	8,2	6,6	7,8	6,6
Ivano-Frankivsk	10,3	8,8	6,4	7,9	6,3	6,8	6,7
Kyiv	7,0	7,1	5,7	5,9	5,2	5,4	5,1
Kirovohrad	10,6	13,1	9,4	11,2	9,1	9,3	9,4
Luhansk	9,4	8,8	7,6	7,3	9,6	9,8	9,0
Lviv	9,2	9,4	7,8	8,3	8,5	8,2	6,7
Mykolayiv	8,1	7,5	7,2	7,8	7,3	6,2	8,1
Odesa	9,2	9,2	8,8	8,3	7,0	8,2	7,9
Poltava	6,1	6,1	5,8	5,5	7,5	5,8	5,9
Rivne	9,2	8,9	8,1	7,9	8,0	8,5	8,3
Sumy	9,3	7,5	6,9	6,4	6,7	7,7	6,5
Ternopil	8,2	8,0	8,0	6,8	7,6	7,5	5,2
Kharkiv	9,2	8,9	7,5	7,3	9,7	9,8	7,4
Kherson	9,4	9,9	8,0	9,4	8,4	8,4	9,9
Khmelnyskiy	7,5	6,1	9,0	7,1	8,3	8,3	6,6
Cherkasy	10,0	8,1	9,6	7,3	8,9	7,5	8,4
Chernivtsi	8,2	8,5	8,0	7,7	7,5	8,6	8,9
Chernihiv	8,1	7,9	9,2	7,7	8,3	8,3	9,2
<b>cities</b>							
Kyiv	7,3	8,0	7,8	8,2	7,0	7,5	5,5
Sevastopol	8,6	9,2	5,1	5,4	...	...	...

**2.7. Migration increase (decrease) of the population**

	2010	2011	2012	2013	2014	2015	2016
Migration increase, decrease (–) of the population, persons	16133	17096	61844	31913	22592	14233	10620
Crude rate of migration increase, decrease (–) of the population, per 10,000 present population	3,5	3,7	13,6	7,0	5,3	8,0 <sup>1</sup>	4,6 <sup>1</sup>

<sup>1</sup> See the second footnote to Table 2.4



**2.8. Migration of population in 2016, by region***(persons)*

	Total immigrants	Total emigrants	Migration increase (decrease)
<b>Ukraine</b>	<b>256808</b>	<b>246188</b>	<b>10620</b>
Autonomous Republic of Crimea	...	...	...
<b>oblasts</b>			
Vinnysya	5608	8113	-2505
Volyn	4523	5778	-1255
Dnipropetrovsk	11437	13783	-2346
Donetsk	5775	9376	-3601
Zhytomyr	12813	12754	59
Zakarpattia	3311	4293	-982
Zaporizhzhya	3893	5582	-1689
Ivano-Frankivsk	9191	9067	124
Kyiv	25078	13676	11402
Kirovohrad	8398	8374	24
Luhansk	1470	3957	-2487
Lviv	31031	26049	4982
Mykolayiv	6067	7508	-1441
Odesa	17896	14516	3380
Poltava	12591	12750	-159
Rivne	7629	7882	-253
Sumy	15099	13947	1152
Ternopil	3393	4930	-1537
Kharkiv	17915	17118	797
Kherson	3061	4095	-1034
Khmelnyskiy	5717	7623	-1906
Cherkasy	5072	7145	-2073
Chernivtsi	2777	3263	-486
Chernihiv	7092	7926	-834
<b>cities</b>			
Kyiv	29971	16683	13288
Sevastopol	...	...	...

### 3. LABOUR MARKET

#### 3.1. Economically active population<sup>1</sup>

(source: the Labour Force Survey (LFS))

	2010	2011	2012	2013	2014	2015	2016
<b>Economically active population, thsd.</b>							
aged 15–70	22051,6	22056,9	22011,5	21980,6	19920,9	18097,9	17955,1
in the working age	20220,7	20247,9	20393,5	20478,2	19035,2	17396,0	17303,6
<b>Employed, thsd.</b>							
aged 15–70	20266,0	20324,2	20354,3	20404,1	18073,3	16443,2	16276,9
in the working age	18436,5	18516,2	18736,9	18901,8	17188,1	15742,0	15626,1
<b>Unemployed (ILO methodology), thsd.</b>							
aged 15–70	1785,6	1732,7	1657,2	1576,5	1847,6	1654,7	1678,2
in the working age	1784,2	1731,7	1656,6	1576,4	1847,1	1654,0	1677,5
<b>Economically inactive population, thsd.</b>							
aged 15–70	12575,5	12265,5	12055,3	11861,7	12023,0	10925,5	10934,1
in the working age	7878,0	7601,5	7540,7	7552,2	7617,7	6920,6	7039,3
<b>Economic activity rate, percent of total population of relevant age group</b>							
aged 15–70	63,7	64,3	64,6	65,0	62,4	62,4	62,2
in the working age	72,0	72,7	73,0	73,1	71,4	71,5	71,1

Table 3.1 continued

	2010	2011	2012	2013	2014	2015	2016
<b>Employment rate, percent of total population of relevant age group</b>							
aged 15–70	58,5	59,2	59,7	60,3	56,6	56,7	56,3
in the working age	65,6	66,5	67,1	67,4	64,5	64,7	64,2
<b>Unemployment rate (ILO methodology), percent of economically active population of relevant age group</b>							
aged 15–70	8,1	7,9	7,5	7,2	9,3	9,1	9,3
in the working age	8,8	8,6	8,1	7,7	9,7	9,5	9,7

<sup>1</sup> Here and elsewhere (Table 3.2) data for 2014 excluding the temporary occupied territory of Autonomous Republic of Crimea and the city of Sevastopol

### 3.2. ILO unemployed, by duration of job search

(source: the Labour Force Survey (LSF))

	2010	2011	2012	2013	2014	2015	2016
<b>ILO unemployed aged 15–70, thsd.</b>	<b>1785,6</b>	<b>1732,7</b>	<b>1657,2</b>	<b>1576,5</b>	<b>1847,6</b>	<b>1654,7</b>	<b>1678,2</b>
of which, looking for a job, trying to set up their own business, thsd.	1711,8	1674,4	1608,5	1537,2	1801,6	1617,4	1634,8
of which, by duration of job-search, percent							
less than 3 months	34,1	40,4	38,1	39,0	45,1	33,8	36,7
from 3–6 months	21,8	23,2	22,4	23,5	25,1	23,9	21,6
from 6–9 months	11,3	10,5	10,7	10,3	10,2	11,0	10,0
from 9–12 months	9,2	6,4	7,0	6,3	6,8	7,3	6,4
12 months and longer	23,6	19,5	21,8	20,9	12,8	24,0	25,3
<i>Average duration of job search, months</i>	7	6	6	6	5	7	7

### 3.3. Demand, supply of labour force in 2016, by type of economic activity

(source: the State Employment Service; end of year)

	Registered unemployed, thsd.	Registered vacancies, thsd.	Load 10 vacancies, persons
<b>Total</b>	<b>390,8</b>	<b>36,0</b>	<b>108</b>
Agriculture, forestry and fishing	90,9	1,5	588
Industry	58,3	10,0	58
of which			
Mining and quarrying	4,2	0,6	73
Manufacturing	45,3	7,8	58
Construction	8,1	1,8	45
Wholesale and retail trade; repair of vehicles and motorcycles	44,7	5,9	76
Transportation and storage, postal and courier activities	13,2	3,8	34
Accommodation and food service activities	6,3	0,9	70
Information and communication	4,9	0,4	120
Financial and insurance activities	12,1	0,5	258
Real estate activities	2,9	0,6	50
Professional, scientific and technical activities	5,9	0,8	70
Administrative and support service activities	6,4	1,4	47
Public administration and defence, compulsory social security	64,9	2,9	226
Education	7,2	2,0	36
Human health and social work activities	10,9	2,7	40
Arts, entertainment and recreation	1,6	0,4	44
Other services	3,0	0,4	71
Persons who did not work earlier	49,5	×	×

### 3.4. Demand and supply of labour force in 2016, by region

(source: the State Employment Service; end of year)

	Registered unemployed		Registered vacancies, thsd.	Load 10 vacancies, persons
	total, thsd.	percent to population of the working age		
<b>Ukraine</b>	<b>390,8</b>	<b>1,5</b>	<b>36,0</b>	<b>108</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnitsya	24,2	2,5	0,5	523
Volyn	9,2	1,4	1,6	56
Dnipropetrovsk	30,7	1,5	3,4	89
Donetsk	14,1	0,5	0,4	352
Zhytomyr	17,1	2,2	1,6	105
Zakarpattia	5,9	0,8	0,4	138
Zaporizhzhya	23,3	2,2	0,5	459
Ivano-Frankivsk	11,3	1,3	0,5	214
Kyiv	15,6	1,5	2,3	69
Kirovohrad	17,1	2,9	1,5	112
Luhansk	8,1	0,6	0,4	230
Lviv	17,3	1,1	2,8	62
Mykolayiv	16,8	2,3	1,4	117
Odesa	14,0	1,0	2,7	53
Poltava	23,8	2,7	1,8	135
Rivne	14,4	2,0	0,9	161
Sumy	14,2	2,1	1,0	148
Ternopil	10,8	1,6	1,1	95
Kharkiv	23,6	1,4	2,8	83
Kherson	11,2	1,7	0,4	279
Khmelnyskiy	15,8	2,0	0,6	281
Cherkasy	20,3	2,7	0,5	427
Chernivtsi	8,0	1,4	0,7	110
Chernihiv	12,4	2,0	0,7	165
<b>cities</b>				
Kyiv	11,6	0,6	5,5	21
Sevastopol	...	...	...	...

### 3.5. Average monthly nominal and real wages of regular employees<sup>1</sup>

	Nominal wages, UAH	Percent of the previous year	
		nominal wages	real wages
2010	2239	120,0	110,2
2011	2633	117,6	108,7
2012	3026	114,9	114,4
2013	3265	107,9	108,2
2014	3480	106,0	93,5
2015	4195	120,5	79,8
2016	5183	123,6	109,0

<sup>1</sup> Here and elsewhere (Tables 3.6–3.9) data are given on legal persons and separate units of legal persons employing 10 and more persons. Data for 2014 is presented excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol

### 3.6. Average monthly nominal and real wages of regular employees in 2016

	Nominal wages, UAH	Percent to the relevant period of the previous year	
		nominal wages	real wages
<b>2016</b>	<b>5183</b>	<b>123,6</b>	<b>109,0</b>
<b>By month</b>			
January	4362	126,3	86,8
February	4585	126,2	91,7
March	4920	127,4	101,6
April	4895	122,4	107,6
May	4984	123,3	112,2
June	5337	124,1	117,3
July	5374	122,4	114,8
August	5202	123,7	115,4
September	5358	123,4	115,6
October	5350	118,1	106,2
November	5406	120,2	108,4
December	6475	123,8	111,6

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

(UAH)

	2010	2013	2014	2015	2016		
					total	percent of	
						average level for the economy	2015
<b>Total</b>	<b>2239</b>	<b>3265</b>	<b>3480</b>	<b>4195</b>	<b>5183</b>	<b>100,0</b>	<b>123,6</b>
Agriculture, forestry and fishing	1472	2340	2556	3309	4195	80,9	126,8
Industry	2570	3763	3988	4789	5902	113,9	123,2
Construction	1758	2702	2860	3551	4731	91,3	133,3
Wholesale and retail trade; repair of vehicles and motorcycles	1877	3010	3439	4692	5808	112,1	123,8
Transportation and storage, postal and courier activities	2658	3589	3768	4653	5810	112,1	124,8
Transportation	2355	3419	3755	4556	5776	111,4	126,8
Warehousing and support activities for transportation	2993	4062	4231	5358	6603	127,4	123,2
Postal and courier activities	1523	1915	1934	2180	2818	54,4	129,2
Accommodation and food service activities	1455	2249	2261	2786	3505	67,6	125,8
Information and communication	3161	4599	5176	7111	9530	183,9	134,0
Financial and insurance activities	4638	6275	7020	8603	10227	197,3	118,9
Real estate activities	1856	2757	3090	3659	4804	92,7	131,2
Professional, scientific and technical activities	2869	4465	5290	6736	8060	155,5	119,6
of which							
Scientific research and development	2874	4024	4268	4972	6119	118,1	123,1
Administrative and support service activities	1839	2527	2601	3114	3995	77,1	128,3
Public administration and defence, compulsory social security	2722	3702	3817	4381	5953	114,9	135,9
Education	1905	2700	2745	3132	3769	72,7	120,3
Human health and social work activities	1628	2367	2441	2829	3400	65,6	120,2
Arts, entertainment and recreation	1928	3286	3626	4134	4844	93,5	117,2
Other services	1717	2707	3361	3634	4615	89,1	127,0

### 3.8. Average monthly nominal wages of regular employees, by region

(UAH)

	2010	2011	2012	2013	2014	2015	2016		
							total	percent of	
								average level for the economy	2015
<b>Ukraine</b>	<b>2239</b>	<b>2633</b>	<b>3026</b>	<b>3265</b>	<b>3480</b>	<b>4195</b>	<b>5183</b>	<b>100,0</b>	<b>123,6</b>
Autonomous Republic of Crimea	1991	2295	2654	2850	...	...	...	...	...
<b>oblasts</b>									
Vinnitsya	1782	2074	2432	2651	2810	3396	4189	80,8	123,3
Volyn	1692	1994	2339	2580	2721	3291	4047	78,1	123,0
Dnipropetrovsk	2369	2790	3138	3336	3641	4366	5075	97,9	116,2
Donetsk	2549	3063	3496	3755	3858	4980	5989	115,6	120,3
Zhytomyr	1785	2071	2369	2561	2763	3271	4000	77,2	122,3
Zakarpattia	1846	2069	2351	2553	2744	3381	4298	82,9	127,1
Zaporizhzhya	2187	2607	2927	3142	3432	4200	5080	98,0	121,0
Ivano-Frankivsk	1927	2213	2539	2679	2875	3402	4202	81,1	123,5
Kyiv	2295	2761	3157	3351	3489	4153	5229	100,9	125,9
Kirovohrad	1815	2114	2428	2608	2789	3282	3974	76,7	121,1
Luhansk	2271	2742	3090	3337	3377	3427	4637	89,5	135,3
Lviv	1941	2244	2578	2789	2961	3646	4559	88,0	125,0
Mykolayiv	2122	2448	2822	3094	3344	3984	4887	94,3	122,7
Odesa	2046	2387	2700	2947	3129	3897	4809	92,8	123,4
Poltava	2102	2481	2850	2988	3179	3783	4621	89,2	122,2
Rivne	1960	2211	2575	2844	3033	3573	4364	84,2	122,2
Sumy	1866	2177	2503	2702	2877	3449	4131	79,7	119,8
Ternopil	1659	1871	2185	2359	2527	2994	3695	71,3	123,4
Kharkiv	2060	2407	2753	2975	3143	3697	4448	85,8	120,3
Kherson	1733	1970	2269	2464	2617	3123	4046	78,1	129,6
Khmelnyskiy	1786	2075	2425	2641	2878	3371	4043	78,0	119,9
Cherkasy	1835	2155	2508	2682	2829	3360	4148	80,0	123,4
Chernivtsi	1772	1985	2329	2484	2578	3050	3828	73,9	125,5
Chernihiv	1711	1974	2308	2504	2690	3295	4002	77,2	121,4
<b>cities</b>									
Kyiv	3431	4012	4607	5007	5376	6732	8648	166,9	128,5
Sevastopol	2167	2476	2891	3114	...	...	...	...	...



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

(UAH)

	2010	2013	2014	2015	2016		
					total	percent of	
						average level for the economy	2015
<b>Industry</b>	<b>2570</b>	<b>3763</b>	<b>3988</b>	<b>4789</b>	<b>5902</b>	<b>113,9</b>	<b>123,2</b>
Mining and quarrying	3563	5266	5445	6164	7426	143,3	120,5
Manufacturing	2284	3305	3570	4477	5543	107,0	123,8
Manufacture of food products, beverages and tobacco products	2138	3110	3337	4184	5182	100,0	123,9
Manufacture of textiles, apparel, leather and related products	1336	1868	2107	2877	3773	72,8	131,1
Manufacture of wood and paper products, and printing	1866	2798	3020	3717	4800	92,6	129,1
Manufacture of coke, and refined petroleum products	3259	4370	4798	6181	6511	125,6	105,3
Manufacture of chemicals and chemical products	2384	3630	3971	4988	5932	114,5	118,9
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3490	5422	6219	8254	11028	212,8	133,6
Manufacture of rubber and plastics products, and other non-metallic mineral products	1968	2876	3069	3952	5144	99,2	130,1
Manufacture of basic metals and fabricated metal products, except machinery and equipment	2879	4132	4682	5645	6717	129,6	119,0
Machine-building	2243	3229	3336	4211	5344	103,1	126,9
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	2070	3012	3167	4065	5290	102,1	130,1
Electricity, gas, steam and air-conditioning supply	3028	4500	4885	5462	6918	133,5	126,7
Water supply, sewerage, waste management and remediation	1980	2777	2967	3498	4039	77,9	115,4

## 4. INCOME AND LIVING CONDITIONS

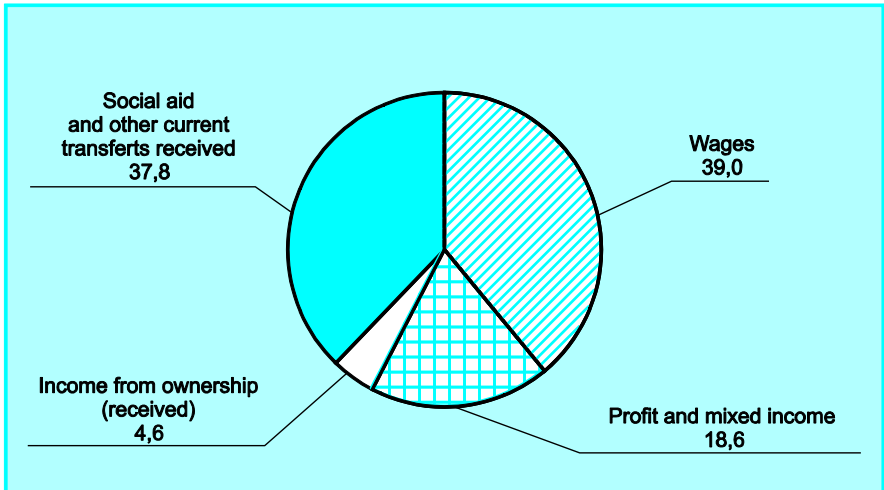
### 4.1. Population income and expenditure

(mln. UAH)

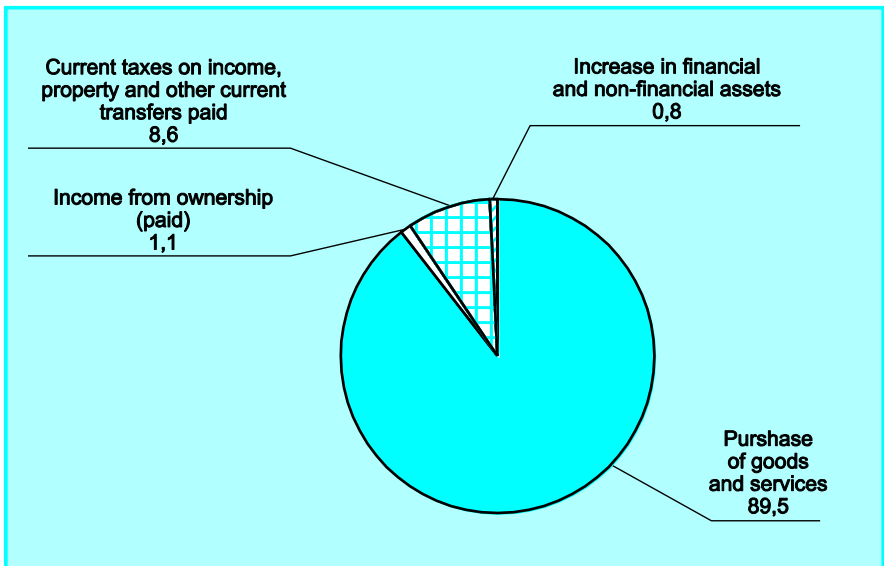
	2010	2011	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>
<b>Income</b>	<b>1101175</b>	<b>1266753</b>	<b>1457864</b>	<b>1548733</b>	<b>1516768</b>	<b>1735858</b>
wages	449553	529133	609394	630734	615022	677003
profit and mixed income	160025	200230	224920	243668	254307	323506
income from ownership (received)	67856	68004	80769	87952	85114	80035
social aid and other current transfers received	423741	469386	542781	586379	562325	655314
<b>Expenditure and savings</b>	<b>1101175</b>	<b>1266753</b>	<b>1457864</b>	<b>1548733</b>	<b>1516768</b>	<b>1735858</b>
purchase of goods and services	838213	1030635	1194791	1304031	1316757	1553757
income from ownership (paid)	28844	29064	18567	21091	23495	18583
current taxes on income, property and other current transfers paid	72251	83931	97226	107345	145736	150539
accumulation of non-financial assets	19578	-1159	-2954	5378	2912	-2117
increase in financial assets	142289	124282	150234	110888	27868	15096
<i>Available income</i>	<i>847949</i>	<i>988983</i>	<i>1149244</i>	<i>1215457</i>	<i>1151656</i>	<i>1330089</i>
<i>Real available income, percent of the previous year</i>	<i>117,1</i>	<i>108,0</i>	<i>113,9</i>	<i>106,1</i>	<i>88,5</i>	<i>77,7</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 2015

*(percent)*

#### 4.3. Structure of population expenditure and savings in 2015

*(percent)*

**4.4. Structure of total household expenditure<sup>1</sup>***(average monthly per one household)*

	2010	2012	2013	2014	2015	9 months 2016		
						all households	including by areas	
							urban	rural
<b>Total expenditure, UAH</b>	<b>3072,7</b>	<b>3591,8</b>	<b>3814,0</b>	<b>4048,9</b>	<b>4952,0</b>	<b>5576,5</b>	<b>5684,8</b>	<b>5354,2</b>
<b>Percent</b>								
Total consumer expenditure	90,0	90,9	90,3	91,6	92,9	93,0	93,6	91,4
food products (including catering outside home, alcoholic beverages and tobacco)	56,7	55,5	55,4	57,1	57,9	55,7	54,7	58,3
manufacturing goods and services	33,3	35,4	34,9	34,5	35,0	37,3	38,9	33,1
payment for housing, communal products and services	7,6	8,3	8,0	8,1	10,2	12,8	13,7	10,6
of which								
sum of benefits and subsidies	0,6	0,6	0,5	0,5	1,4	3,9	3,2	5,4
Non-consumption total expenditure	10,0	9,1	9,7	8,4	7,1	7,0	6,4	8,6

<sup>1</sup> Here and elsewhere (Tables 4.5–4.8, 4.10) data are based on household living conditions survey

**4.5. Population, by total per capita equivalent income<sup>1</sup>***(percent)*

	2010	2012	2013	2014	2015	9 months 2016		
						all households	including by areas	
							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>
Monthly average per capita equivalent total income <sup>1</sup> , UAH								
under 480,0	0,7	0,3	0,1	0,1	0,1	0,0	0,0	0,0
480,1–840,0	8,0	3,1	2,3	1,4	0,9	0,4	0,4	0,7
840,1–1200,0	26,0	12,9	9,1	7,9	4,8	2,2	2,3	1,9
1200,1–1560,0	27,0	23,9	21,3	19,2	11,3	6,6	6,8	6,4
1560,1–1920,0	16,4	21,1	22,1	23,1	18,2	13,8	14,0	13,6
1920,1–2280,0	21,9 <sup>2</sup>	14,4	16,6	16,5	17,6	16,2	15,7	17,2
2280,1–2640,0	...	9,4	10,4	11,7	15,9	16,2	16,8	15,0
2640,1–3000,0	...	5,6	6,7	7,8	11,4	12,4	11,3	14,5
3000,1–3360,0	...	3,0	4,3	4,6	6,7	9,6	9,7	8,8
3360,1–3720,0	...	2,2	2,0	2,5	4,4	7,1	7,1	7,2
over 3720,0	...	4,1	5,1	5,2	8,7	15,5	15,9	14,7
Ratio of total income <sup>1</sup> richest and poorest of 20% population (quintile coefficient for funds), times	3,6	3,3	3,3	3,1	3,2	3,4	3,4	3,4
Share of the population with per capita average equivalent total income <sup>1</sup> per month lower than the minimum subsistence level established according to legislation <sup>3</sup>	8,8	9,1	8,4	8,6	6,4	4,8	4,7	5,1
Percentage of population with monthly average per capita equivalent total income <sup>1</sup> , lower than the actual subsistence minimum <sup>4</sup>	...	...	...	16,7	51,9	53,6	54,1	52,6

<sup>1</sup> Since 2011, when compiling per capita average indicators of income and expenditure as well as indicators of differentiation of the population and households by level of material well-being, the equivalence scale for the system of coefficients was introduced which reflects a decrease in minimum needs per one member of household with an increase in size of household and changes in its composition. The above mentioned indicators for 2010 have been recalculated

<sup>2</sup> Above 1920 UAH

<sup>3</sup> Legislatively established the monthly average size of subsistence level to the relevant period: in 2010 – 843,17 UAH, in 2011 – 914,08 UAH, in 2012 – 1042,42 UAH, in 2013 – 1113,67 UAH, in 2014 – 1176,0 UAH, in 2015 – 1227,33 UAH, for 9 month 2016 – 1368,33 UAH

<sup>4</sup> Average monthly size of actual minimum subsistence level calculated by the Ministry of Social Policy of Ukraine was as follows during the relevant period: 1357,58 UAH in 2014, 2257,0 UAH in 2015, 2590,78 UAH for 9 months of 2016

#### 4.6. Structure of household money expenditure

(average monthly per one household)

	2010	2012	2013	2014	2015	9 months 2016		
						all households	including by areas	
							urban	rural
<b>Total money expenditure, UAH</b>	<b>2773,1</b>	<b>3300,2</b>	<b>3499,8</b>	<b>3692,2</b>	<b>4448,7</b>	<b>4895,6</b>	<b>5225,8</b>	<b>4217,6</b>
<b>Percent</b>								
Consumption money expenditure	89,2	90,0	89,4	90,4	91,9	91,0	93,1	85,0
food products (including catering outside home, alcoholic beverages and tobacco)	53,5	52,8	52,6	53,5	54,8	53,6	55,0	50,3
manufacturing goods and services	35,7	37,2	36,8	36,9	37,1	37,4	38,1	34,7
Monetary support to relatives, friends and other persons	3,6	3,6	3,5	3,5	2,9	3,3	3,2	3,9
Other expenditure (on private subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	7,2	6,4	7,1	6,1	5,2	5,7	3,7	11,1

**4.7. Population, by per capita equivalent money income<sup>1</sup>***(percent)*

	2010	2012	2013	2014	2015	9 months 2016		
						all households	including by areas	
							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>
Monthly average per capita equivalent money income <sup>1</sup> , UAH								
under 480,0	1,9	0,8	0,4	0,3	0,2	0,1	0,0	0,2
480,1–840,0	13,5	5,2	3,9	2,6	2,5	1,7	1,0	3,0
840,1–1200,0	29,4	18,1	13,7	12,4	7,4	5,1	4,4	6,4
1200,1–1560,0	23,1	24,2	24,0	22,9	17,5	12,9	10,7	17,2
1560,1–1920,0	13,6	18,5	19,7	21,4	19,6	17,6	16,3	20,2
1920,1–2280,0	18,5 <sup>2</sup>	12,2	14,0	14,6	16,3	16,1	16,0	16,1
2280,1–2640,0	...	7,8	8,7	9,5	12,4	13,8	14,9	11,9
2640,1–3000,0	...	4,8	5,7	6,0	8,6	8,8	9,4	7,6
3000,1–3360,0	...	2,7	3,7	3,8	5,2	7,8	8,7	6,2
3360,1–3720,0	...	2,0	1,6	2,0	3,5	5,0	5,4	4,2
over 3720,0	...	3,7	4,6	4,5	6,8	11,1	13,2	7,0
Ratio of money income <sup>1</sup> richest and poorest of 20% population (quintile coefficient for funds), times	4,0	3,6	3,5	3,4	3,5	3,1	3,2	3,0
Share of the population with per capita average equivalent money income <sup>1</sup> per month lower than the minimum subsistence level established according to legislation <sup>3</sup>	15,6	14,1	13,4	14,3	11,1	11,9	9,6	16,5
Percentage of population with monthly average per capita equivalent total income <sup>1</sup> , lower than the actual subsistence minimum <sup>4</sup>	...	...	...	...	...	65,7	61,4	74,1

<sup>1</sup> See the first footnote to Table 4.5<sup>2</sup> See the second footnote to Table 4.5<sup>3</sup> See the third footnote to Table 4.5<sup>4</sup> See the fourth footnote to Table 4.5

#### 4.8. Foodstuffs consumed by households, by quintile (20%) group and total per capita equivalent income<sup>1</sup>

(average monthly per capita; kg)

	All households	Of which by quantile (20%) groups by monthly per capita equivalent total income <sup>1</sup>					With monthly per capita equivalent total income <sup>1</sup> , below	
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	legislatively established subsistence line <sup>2</sup>	actual subsistence line <sup>3</sup>
2010								
Meat and meat products	5,1	3,6	4,4	5,0	5,7	6,9	3,1	...
Milk and dairy products	19,1	14,3	17,7	19,2	21,0	24,5	12,3	...
Eggs, pcs	20	18	19	20	21	22	17	...
Fish and fish products	1,8	1,3	1,6	1,8	1,9	2,3	1,2	...
Sugar	3,0	2,5	2,9	3,2	3,2	3,4	2,2	...
Sunflower-seed oil and other vegetable oils	1,8	1,6	1,8	1,8	1,8	1,9	1,5	...
Potatoes	7,6	7,2	7,6	7,9	7,8	7,6	6,9	...
Vegetables, melons and gourds	9,5	7,6	9,1	9,7	10,3	11,3	6,9	...
Fruit, berries, nuts and grapes	3,7	2,4	3,1	3,6	4,1	5,5	1,9	...
Bread and bakery products	9,3	8,8	9,6	9,4	9,5	9,2	8,3	...
2012								
Meat and meat products	5,1	3,7	4,5	5,1	5,6	6,6	3,1	...
Milk and dairy products	19,6	15,0	18,1	19,7	21,5	24,0	12,6	...
Eggs, pcs	20	18	20	20	21	22	17	...
Fish and fish products	1,7	1,3	1,6	1,7	1,9	2,1	1,2	...
Sugar	3,1	2,6	3,1	3,2	3,3	3,4	2,3	...
Sunflower-seed oil and other vegetable oils	1,8	1,7	1,8	1,8	1,8	1,8	1,5	...
Potatoes	7,6	7,6	7,9	7,9	7,6	7,2	7,1	...
Vegetables, melons and gourds	10,2	8,3	9,6	10,5	10,7	11,5	7,4	...
Fruit, berries, nuts and grapes	3,8	2,5	3,2	3,8	4,3	5,5	2,1	...
Bread and bakery products	9,1	8,7	9,4	9,4	9,1	9,0	8,0	...
2013								
Meat and meat products	5,1	3,8	4,5	5,1	5,7	6,9	3,3	...
Milk and dairy products	20,2	15,2	19,0	20,3	22,1	25,4	13,2	...
Eggs, pcs	20	18	19	20	21	23	17	...
Fish and fish products	1,8	1,4	1,6	1,8	1,9	2,2	1,2	...
Sugar	3,0	2,6	2,9	3,1	3,1	3,3	2,4	...
Sunflower-seed oil and other vegetable oils	1,7	1,6	1,7	1,8	1,8	1,9	1,4	...
Potatoes	7,0	6,6	7,1	7,3	7,0	7,0	6,5	...
Vegetables, melons and gourds	9,4	7,6	8,9	9,6	10,2	11,1	6,8	...
Fruit, berries, nuts and grapes	4,2	2,8	3,5	4,0	4,6	6,1	2,3	...
Bread and bakery products	9,0	8,5	9,1	9,3	9,2	9,1	8,0	...



Table 4.8 continued

	All house- holds	Of which by quantile (20%) groups by monthly per capita equivalent total income <sup>1</sup>					With monthly per capita equivalent total income <sup>1</sup> , below	
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	legislate- vely established subsistence line <sup>2</sup>	actual subsistence line <sup>3</sup>
2014								
Meat and meat products	4,9	3,6	4,3	4,7	5,6	6,5	3,2	...
Milk and dairy products	20,3	15,9	18,6	20,2	22,2	25,8	13,5	...
Eggs, pcs	20	18	18	19	21	22	17	...
Fish and fish products	1,6	1,2	1,4	1,6	1,8	2,1	1,1	...
Sugar	3,0	2,5	2,8	3,1	3,4	3,5	2,4	...
Sunflower-seed oil and other vegetable oils	1,7	1,5	1,6	1,7	1,8	1,8	1,4	...
Potatoes	6,9	6,2	6,8	7,1	7,2	7,2	5,9	...
Vegetables, melons and gourds	9,0	7,1	8,4	9,2	9,8	11,0	6,6	...
Fruit, berries, nuts and grapes	3,7	2,6	3,1	3,5	4,2	5,1	2,4	...
Bread and bakery products	9,0	8,1	9,0	9,2	9,4	9,5	7,6	...
2015								
Meat and meat products	4,6	3,4	4,0	4,7	4,9	6,0	2,6	3,9
Milk and dairy products	19,8	15,0	18,4	19,8	22,1	24,3	11,6	17,1
Eggs, pcs	19	17	18	20	20	21	15	18
Fish and fish products	1,2	1,0	1,1	1,3	1,3	1,6	0,8	1,1
Sugar	2,8	2,3	2,6	3,0	3,0	3,2	1,9	2,6
Sunflower-seed oil and other vegetable oils	1,6	1,5	1,6	1,6	1,6	1,7	1,2	1,5
Potatoes	6,6	6,1	6,4	6,9	7,2	6,8	5,6	6,4
Vegetables, melons and gourds	8,8	6,8	8,1	9,1	9,6	10,8	5,8	7,7
Fruit, berries, nuts and grapes	3,1	2,1	2,6	3,1	3,5	4,3	1,7	2,5
Bread and bakery products	8,5	7,8	8,3	8,6	8,9	8,9	7,0	8,1
9 months 2016								
Meat and meat products	4,5	3,6	4,1	4,5	5,1	5,9	2,9	4,0
Milk and dairy products	19,7	14,9	18,2	19,4	21,6	25,0	11,8	17,0
Eggs, pcs	20	17	19	20	21	22	15	18
Fish and fish products	1,2	0,9	1,0	1,1	1,3	1,5	0,8	1,0
Sugar	2,7	2,3	2,6	2,7	3,0	3,2	2,0	2,5
Sunflower-seed oil and other vegetable oils	1,5	1,4	1,5	1,5	1,6	1,7	1,2	1,4
Potatoes	6,4	6,0	6,5	6,6	6,7	6,9	5,6	6,2
Vegetables, melons and gourds	9,8	7,7	9,1	9,6	10,4	11,6	6,1	8,6
Fruit, berries, nuts and grapes	3,2	2,1	2,8	3,1	3,5	4,4	1,5	2,5
Bread and bakery products	8,2	7,6	8,1	8,3	8,4	9,0	7,2	7,9

<sup>1</sup> See the first footnote to Table 4.5<sup>2</sup> See the third footnote to Table 4.5<sup>3</sup> See the fourth footnote to Table 4.5

**4.9. Foodstuffs consumed***(per capita per year; kg)*

	2010	2011	2012	2013	2014	2015	2016
Meat and meat products (including lard and offal on meat base)	52	51	54	56	54	51	51
Milk and dairy products (on milk base)	206	205	215	221	223	210	211
Eggs, pcs	290	310	307	309	310	280	265
Fish and fish products	14,5	13,4	13,6	14,6	11,1	8,6	9,7
Sugar	37	39	38	37	36	36	33
Oil	14,8	13,7	13,0	13,3	13,1	12,3	12,4
Potatoes	129	139	140	135	141	138	144
Vegetables, melons and gourds	144	163	163	163	163	161	163
Fruit, berries and grapes (excluding processed for wine)	48	53	53	56	52	51	48
Bakery products (bread, pasta on flour base; flour, cereals and legume crops)	111	110	109	108	109	103	101

**4.10. Availability of selected durable goods<sup>1</sup> in households<sup>2</sup>***(average per 100 households; pcs)*

	2010	2012	2014	2016
Refrigerators and freezers	109	112	117	119
Washing machines	85	87	88	88
Vacuum cleaners	75	77	79	77
Electric irons	99	98	99	98
CD-players and turntables	8	7	5	6
Colour TV sets	110	115	119	115
Video cassette recorders, Video tape recorders, DVD-players, digital cameras	41	43	34	26
Music centres	13	13	12	9
Cameras	26	21	18	16
Computers, plane-tablets, notebooks <sup>3</sup>	31	46	63	80
Microwaves	33	41	49	49
Kitchen combines	10	12	16	15
Conditioners	6	8	10	9
Satellite antennas	13	18	23	26
Sewing machines	28	25	25	23
Motorbikes, bicycles and scooters	47	49	52	53
Motorcycles, snowmobiles	2	2	2	2
Cars	21	22	23	23
Mobile phones	167	187	197	201

<sup>1</sup> The evaluations of the availability of durables in households are based on sample survey. This includes the availability of appliances regardless of the duration of their maintenance, and sources of their acquisition (whether they have been bought, presented, etc), and their condition (included are those in operation, those that temporarily do not work properly and are under repair or should be repaired)

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

<sup>3</sup> Since 2010, a list of durables includes note books and since 2016 tablets

## 5. COMMUNITIES AND HOUSING

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

(mln.sq.m of total size)

	2010	2011	2012	2013 <sup>2</sup>	2014 <sup>2</sup>	2015 <sup>2</sup>	2016 <sup>2</sup>
Total housing stock	1079,5	1086,0	1094,2	1096,6	966,1	973,8	977,9
Urban housing stock	693,0	695,5	700,7	700,1	588,1	592,5	594,0
Rural housing stock	386,5	390,5	393,5	396,5	378,0	381,3	383,9

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

<sup>2</sup> Data for 2013–2016, according to the State Statistics Service of Ukraine

### 5.2. Housing stock, by region<sup>1</sup>

(thsd.sq.m of total size)

	2010	2011	2012	2013 <sup>2</sup>	2014 <sup>2</sup>	2015 <sup>2</sup>	2016 <sup>2</sup>
<b>Ukraine</b>	<b>1079503</b>	<b>1086020</b>	<b>1094208</b>	<b>1096560</b>	<b>966137</b>	<b>973786</b>	<b>977867</b>
Autonomous Republic of Crimea	39333	39786	40580	40507	...	...	...
<b>oblasts</b>							
Vinnitsya	43963	44016	44349	45709	46236	46778	47409
Volyn	22124	22396	22637	22818	23112	23364	23891
Dnipropetrovsk	79043	79082	79074	78141	78892	78931	78031
Donetsk	101245	101517	101950	103508	50591	51242	51398
Zhytomyr	33328	33429	33585	33610	33629	33743	33734
Zakarpattia	28314	28959	29354	29574	30141	30414	30643
Zaporizhzhya	40911	40977	41075	40125	40982	40935	40858
Ivano-Frankivsk	32656	33420	34065	34417	34941	35415	36242
Kyiv	54812	55783	57034	57706	59245	60549	62038
Kirovohrad	24671	24711	24729	24749	24770	24833	25196
Luhansk	55414	55343	55322	54978	17656	17808	18820
Lviv	54254	54978	55847	56247	57323	57414	58161
Mykolayiv	25965	26031	25966	25897	25841	25795	25753
Odesa	53414	53650	53411	53148	53402	53421	53612
Poltava	36996	36989	36811	36480	36374	36327	36151
Rivne	24454	24674	24903	24572	25253	25545	25866
Sumy	27725	27872	27939	27980	28119	28217	28266
Ternopil	25371	25540	25912	26121	26576	27092	27403
Kharkiv	63788	64327	64891	64700	65285	65269	65015
Kherson	25927	25506	25524	25464	25437	25476	25411
Khmelnyskiy	33314	33611	33862	33730	33726	34019	34618
Cherkasy	33976	34077	34244	34168	34325	34363	34351
Chernivtsi	20443	20781	21214	21542	21801	22139	22337
Chernihiv	29757	29917	29983	29986	29804	29817	29200
<b>cities</b>							
Kyiv	59713	60633	61598	62219	62676	64880	63463
Sevastopol	8592	8015	8349	8464	...	...	...

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

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

### 5.3. Old housing stock, by region

	Number of residential buildings, units				Total floor area of dwellings, thsd.sq.m			
	2010	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>	2010	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>
<b>Ukraine</b>	<b>48833</b>	<b>43919</b>	<b>44453</b>	<b>45207</b>	<b>4057,8</b>	<b>3289,6</b>	<b>3277,8</b>	<b>3303,4</b>
Autonomous Republic of Crimea	668	...	...	...	87,7	...	...	...
<b>oblasts</b>								
Vinnitsya	3569	3939	4071	4288	184,2	209,1	213,8	220,9
Volyn	1157	1219	857	981	76,7	75,2	58,4	62,7
Dnipropetrovsk	1810	1966	1966	1977	326,2	332,5	331,7	331,6
Donetsk	5838	2711	2749	3198	581,8	196,9	207,0	235,5
Zhytomyr	2768	3105	3136	3174	206,2	211,3	210,3	226,5
Zakarpattia	663	375	385	391	100,5	28,9	29,7	30,1
Zaporizhzhya	640	578	577	577	92,9	87,4	87,3	88,1
Ivano-Frankivsk	1079	1099	1102	1031	58,8	62,5	62,7	50,3
Kyiv	2366	2603	2592	2774	112,8	124,9	125,6	124,2
Kirovohrad	140	129	123	95	19,8	19,7	20,3	15,6
Luhansk	1856	335	399	411	235,9	22,7	47,9	49,0
Lviv	1199	1138	1162	1101	91,6	80,6	92,1	89,1
Mykolayiv	959	524	518	473	68,2	46,9	46,5	43,3
Odesa	4673	4234	4687	4633	372,2	366,8	357,0	355,4
Poltava	1683	2432	2545	2756	119,0	169,4	170,4	175,5
Rivne	1419	1765	1676	1703	84,8	97,0	90,4	88,3
Sumy	2558	3105	3198	3264	110,0	139,6	146,6	148,3
Ternopil	990	912	903	927	45,2	40,5	40,6	42,2
Kharkiv	4399	4071	4113	3913	563,8	515,9	516,5	513,7
Kherson	918	831	865	888	53,3	44,0	44,5	43,5
Khmelnyskiy	1889	1945	1823	1838	95,1	95,2	91,5	92,3
Cherkasy	3255	3223	3225	3218	196,4	162,1	160,6	159,7
Chernivtsi	829	210	182	194	47,5	16,7	14,6	15,0
Chernihiv	1207	1240	1405	1208	68,4	59,7	70,5	61,4
<b>cities</b>								
Kyiv	214	230	194	194	46,4	84,1	41,3	41,2
Sevastopol	87	...	...	...	12,4	...	...	...

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

## 6. EDUCATION

### 6.1. Enrollment in educational institutions

(beginning of academic year; thsd.)

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
<b>Total</b>	<b>7224</b>	<b>7013</b>	<b>6815</b>	<b>6648</b>	<b>5762</b>	<b>5692</b>	<b>5718</b>
Secondary educational institutions <sup>1</sup>	4299	4292	4222	4204	3757	3783	3846
day	4228	4225	4160	4150	3718	3750	3815
night (part-time), including distance learning	71	67	62	54	39	33	31
Professional training institutions <sup>1</sup>	434	409	423	391	316	304	286
Institutions of higher education							
1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation	361	357	345	329	251	230	217 <sup>2</sup>
3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation	2130	1955	1825	1724	1438	1375	1369 <sup>3</sup>
<b>Per 10 thsd. population</b>							
Secondary educational institutions	939	941	927	923	874	885	902
Professional training institutions	95	90	93	86	73	71	67
Institutions of higher education							
1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation	79	78	76	72	58	54	51 <sup>2</sup>
3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation	465	428	401	380	335	322	321 <sup>3</sup>

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

<sup>2</sup> Since 2016/17 academic year – colleges, technical secondary schools, vocational schools

<sup>3</sup> Since 2016/17 academic year – universities, academies, institutes

## 6.2. Enrollment in educational institutions at the beginning of 2016/17 academic year, by region

(thsd.)

	Secondary educational institutions <sup>1</sup>	Professional training institutions <sup>1,2</sup>	Colleges, technical secondary schools, vocational schools	Universities, academies, institutes
<b>Ukraine</b>	<b>3845,5</b>	<b>285,8</b>	<b>217,3</b>	<b>1369,4</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnitsya	155,1	14,4	11,2	34,0
Volyn	131,3	9,1	7,4	19,3
Dnipropetrovsk	314,1	23,7	19,0	100,9
Donetsk	153,0	12,6	6,0	25,0
Zhytomyr	130,5	9,1	9,9	21,1
Zakarpattia	159,1	6,3	3,1	19,5
Zaporizhzhya	161,3	14,1	7,7	62,1
Ivano-Frankivsk	150,1	10,1	7,0	31,1
Kyiv	193,1	8,9	6,0	23,4
Kirovohrad	91,6	7,7	6,0	9,6
Luhansk	52,3	5,9	2,6	15,7
Lviv	264,2	27,0	13,7	111,1
Mykolayiv	112,0	10,3	6,2	26,3
Odesa	248,8	15,7	14,5	98,9
Poltava	129,4	10,8	6,8	41,8
Rivne	150,4	12,0	7,9	28,2
Sumy	93,3	10,2	4,3	32,3
Ternopil	106,7	9,5	7,6	34,6
Kharkiv	234,0	14,0	17,9	160,2
Kherson	106,8	8,0	6,5	20,7
Khmelnyskiy	129,2	10,9	4,9	27,5
Cherkasy	111,0	8,2	8,1	30,6
Chernivtsi	98,6	6,7	8,5	22,9
Chernihiv	92,7	5,8	4,6	16,4
<b>cities</b>				
Kyiv	276,9	14,8	19,9	356,2
Sevastopol	...	...	...	...

<sup>1</sup> See the first footnote to Table 6.1<sup>2</sup> End of 2016

## 6.3. Secondary educational institutions

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

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Institutions	20,3	19,9	19,7	19,3	17,6	17,3	16,9
Pupils	4299	4292	4222	4204	3757	3783	3846
including grades 10–12 (10–16)	570	655	605	559	463	432	412
Total teachers	515	509	510	508	454	444	438

In 2016, 7,6 thsd. pupils attended the 1<sup>st</sup> grade set up at pre-schools educational institutions.

## 6.4. Pupils graduating from secondary educational institutions<sup>1</sup>

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

	Finished the 2 <sup>nd</sup> level schools (incomplete secondary education)			Finished the 3 <sup>rd</sup> level schools (complete secondary education)		
	total	day	evening	total	day	evening
2010	566	559	7	364	340	24
2011	480	474	6	215	193	22
2012	441	436	5	329	309	20
2013	411	406	5	304	283	21
2014	339	336	3	247	232	15
2015	336	333	3	230	218	12
2016	329	327	2	211	201	10

<sup>1</sup> Pupils that take on external degree are distributed by type of education in school they graduated from

## 6.5. Attendance by shift in day secondary educational institutions<sup>1</sup>

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

	Total institutions				Total pupils <sup>2</sup>			
	with one shift		with two shifts		attending the 1 <sup>st</sup> shift		attending the 2 <sup>nd</sup> shift	
	total	percentage of total institutions	total	percentage of total institutions	thsd.	percentage of total pupils	thsd.	percentage of total pupils
2010/11	18518	94	1135	6	4021	97	119	3
2011/12	18434	96	823	4	4049	98	93	2
2012/13	18395	96	675	4	4014	98	80	2
2013/14	18171	97	528	3	4021	98	67	2
2014/15	16647	97	443	3	3608	98	57	2
2015/16	16389	97	447	3	3635	98	61	2
2016/17	15906	97	459	3	3692	98	70	2

<sup>1</sup> Excluding special schools (boarding schools), sanatorium schools

<sup>2</sup> Excluding pupils from specialized schools (boarding schools), pupils of specialized forms and those of grade 1<sup>st</sup> at pre-schools educational institutions



**6.6. Attendance by shift in day secondary educational institutions, by region<sup>1</sup>**

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

	Total pupils for the 2 <sup>nd</sup> shift									
	thsd.					percentage of total pupils				
	2010/ 11	2013/ 14	2014/ 15	2015/ 16	2016/ 17	2010/ 11	2013/ 14	2014/ 15	2015/ 16	2016/ 17
<b>Ukraine</b>	<b>118,6</b>	<b>66,6</b>	<b>56,6</b>	<b>61,5</b>	<b>69,8</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
Autonomous Republic of Crimea	9,2	6,0	...	...	...	5	3	...	...	...
<b>oblasts</b>										
Vinnitsya	7,5	4,2	3,4	4,1	6,0	5	3	2	3	4
Volyn	5,6	2,6	3,1	2,8	2,8	5	2	3	2	2
Dnipropetrovsk	2,7	0,2	0,2	0,2	0,2	1	0,1	0,1	0,1	0,1
Donetsk	9,5	4,4	0,9	1,0	1,1	3	1	1	1	1
Zhytomyr	2,8	2,0	2,3	2,6	2,5	2	2	2	2	2
Zakarpattia	6,2	4,0	4,2	3,6	3,7	4	3	3	2	2
Zaporizhzhya	4,7	2,8	2,3	2,6	2,7	3	2	2	2	2
Ivano-Frankivsk	4,6	3,2	3,4	3,4	3,7	3	2	2	2	2
Kyiv	6,5	6,8	7,7	10,4	12,6	4	4	4	6	7
Kirovohrad	1,6	0,3	0,2	0,2	0,2	2	0,3	0,2	0,2	0,2
Luhansk	6,1	1,8	0,5	0,4	0,3	4	1	1	1	1
Lviv	5,2	3,5	3,1	3,1	3,1	2	1	1	1	1
Mykolayiv	2,3	0,5	0,6	0,2	0,2	2	0,4	1	0,2	0,2
Odesa	6,5	5,3	5,6	6,6	8,7	3	2	2	3	3
Poltava	4,9	2,8	3,1	3,4	3,6	4	2	3	3	3
Rivne	9,8	6,6	6,4	7,0	6,8	7	5	5	5	5
Sumy	5,5	2,0	1,9	1,9	1,7	6	2	2	2	2
Ternopil	2,0	1,1	1,0	1,1	1,3	2	1	1	1	1
Kharkiv	2,8	—	—	—	—	1	—	—	—	—
Kherson	1,5	0,8	0,6	0,3	0,4	1	1	1	0,3	0,4
Khmelnyskiy	2,6	0,7	0,6	1,1	1,7	2	1	1	1	1
Cherkasy	1,3	0,6	0,8	0,6	0,8	1	1	1	1	1
Chernivtsi	1,7	0,4	0,4	0,4	0,6	2	0,4	0,4	0,5	1
Chernihiv	4,6	4,2	4,3	4,5	4,9	5	5	5	5	5
<b>cities</b>										
Kyiv	—	—	—	—	0,2	—	—	—	—	0,1
Sevastopol	0,9	—	...	...	...	3	—	...	...	...

<sup>1</sup> See the footnotes to Table 6.5

## 6.7. Professional training institutions

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

	Graduated qualified workers, thsd.
2010	247,3
2011	240,1
2012	202,1
2013	227,3
2014	182,0
2015	165,0
2016	152,8

Professional training of persons in 2016 who

have completed secondary education	56,4
obtained qualification along with complete secondary education	59,3
obtained qualification without complete secondary education	6,2
involved in professional training	
not working population	4,6
enterprise workers	20,0
involved in upgrading	
not working population	2,8
enterprise workers	3,5

## 6.8. Competitive examinations to institutions of higher education

(number of applications per 100 enrolled students)

	1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation						3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation					
	2010	2012	2013	2014	2015	2016 <sup>1</sup>	2010	2012	2013	2014	2015	2016 <sup>2</sup>
All types of training	180	190	213	240	256	223	329	430	472	535	537	646
full-time	193	203	229	256	266	232	401	534	588	642	611	746
part-time	170	165	184	187	239	225	204	236	272	215	435	312
distance learning	119	125	134	134	144	141	158	167	187	208	252	260

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

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

## 6.9. Institutions of higher education

*(beginning of academic year)*

	1 <sup>st</sup> and 2 <sup>nd</sup> levels of accreditation					3 <sup>rd</sup> and 4 <sup>th</sup> levels of accreditation				
	2010/ 11	2013/ 14	2014/ 15	2015/ 16	2016/ 17 <sup>1</sup>	2010/ 11	2013/ 14	2014/ 15	2015/ 16	2016/ 17 <sup>2</sup>
<b>Total institutions</b>	<b>505</b>	<b>478</b>	<b>387</b>	<b>371</b>	<b>370</b>	<b>349</b>	<b>325</b>	<b>277</b>	<b>288</b>	<b>287</b>
<b>Total students, thsd.</b>	<b>361,5</b>	<b>329,0</b>	<b>251,3</b>	<b>230,1</b>	<b>217,3</b>	<b>2129,8</b>	<b>1723,7</b>	<b>1438,0</b>	<b>1375,2</b>	<b>1369,4</b>
full-time	302,9	278,5	218,2	203,1	193,2	1250,2	1070,1	935,1	938,2	946,9
<b>Enrolled, thsd.</b>	<b>129,1</b>	<b>93,9</b>	<b>69,5</b>	<b>63,2</b>	<b>60,6</b>	<b>392,0<sup>3</sup></b>	<b>348,0<sup>3</sup></b>	<b>291,6<sup>3</sup></b>	<b>259,9<sup>3</sup></b>	<b>253,2<sup>3</sup></b>
full-time	105,9	78,2	60,2	57,4	54,1	276,2	247,2	219,4	206,3	201,0
<b>Graduated, thsd.</b>	<b>111,0</b>	<b>91,2</b>	<b>79,1</b>	<b>73,4</b>	<b>68,0</b>	<b>543,7<sup>4</sup></b>	<b>485,1<sup>4</sup></b>	<b>405,4<sup>4</sup></b>	<b>374,0<sup>4</sup></b>	<b>318,7<sup>4</sup></b>
full-time	81,2	71,7	65,9	61,4	57,1	275,6	258,9	227,6	211,6	182,2

<sup>1</sup> See the second footnote to Table 6.1<sup>2</sup> See the third footnote to Table 6.1<sup>3</sup> Persons enrolled to the elementary cycle of education (excluding those who have been enrolled to continue their training in order to obtain a higher educational and qualification levels)<sup>4</sup> The graduated (excluding those who finished the relevant cycle of training (in particular undergraduate studies) and continue training in order to obtain a higher educational and qualification levels)

The number of students at the colleges, technical secondary schools, vocational schools 3,6 thsd. disabled, 2,8 thsd. orphans and uncared children (aged under 18), at the universities, academies, institutes – 11,1 thsd. and 4,6 thsd. respectively.

52,1 thsd. foreign students study at institutions of higher education.

## 7. HEALTH CARE AND SOCIAL PROTECTION

### 7.1. Health care indicators

(source: the Ministry of Health Care of Ukraine)

	2010	2011	2012	2013	2014	2015	2016
Total medical practitioners (doctors) <sup>1</sup>							
thsd.	225	224	217	217	186	186	187
per 10 thsd. population	49,3	49,3	47,9	48,0	43,5	43,7	44,0
Total paramedical staff							
thsd.	467	459	441	441	379	372	367
per 10 thsd. population	102,4	101,0	97,2	97,4	88,6	87,3	86,5
Total hospitals, thsd.	2,8	2,5	2,4	2,2	1,8	1,8	1,7
In which beds							
thsd.	429	412	404	398	336	333	315
per 10 thsd. population	94,0	90,6	89,1	88,0	78,5	78,1	74,3
Total out-patient medical institutions, thsd.	9,0	8,2	8,3	10,8	9,8	10,0	10,2
Capacity of out-patient facilities							
thsd. visits per shift	993	999	1023	1037	912	912	915
per 10 thsd. population	217,7	219,8	225,4	229,2	213,4	214,2	215,6

<sup>1</sup> Excluding dental technicians

### 7.2. Care homes for the aged and disabled (adults and children)

(source: the Ministry of Social Policy of Ukraine; end of year)

	2010	2011	2012	2013	2014	2015	2016
Total care homes	323	324	324	323	290	290	289
in which beds, thsd.	58,4	58,4	58,1	58,4	51,0	50,1	49,9
for aged and disabled adults	50,3	50,4	50,2	50,8	44,0	43,2	43,1
for disabled children and youth	8,1	8,0	7,9	7,6	7,0	6,8	6,8

In 2016, 664 territory centres rendered consumer and medical services and provided social assistance to disabled persons using resident and temporary facilities and at their homes and serviced 1377,1 thsd. persons.

### 7.3. Incidence of illness due to drug addiction

(source: the Ministry of Health Care of Ukraine system)

	2010	2011	2012	2013	2014	2015	2016
Total newly registered with psychological and behavioural disorders due to addiction to							
alcohol (alcoholism and alcohol psychoses)							
thsd.	42,7	40,7	39,4	37,8	30,9	28,9	29,4
per 100 thsd. population	94	89	87	83	72	68	69
narcotics (excluding alcohol) and other psychoactive materials (drug and toxin addiction)							
thsd.	6,3	5,9	5,5	4,8	3,8	3,7	3,8
per 100 thsd. population	13,7	12,9	12,2	10,5	8,9	8,6	9,0
Total sick of psychological and behavioural diseases registered at medical institutions, end of year							
due to alcohol addiction (alcoholism and alcohol psychoses)							
thsd.	607,5	597,8	585,0	573,8	484,1	475,7	470,2
per 100 thsd. population	1332	1315	1289	1268	1132	1117	1109
narcotics (excluding alcohol) and other psychoactive materials (drug and toxin addiction)							
thsd.	80,6	79,8	79,0	77,6	62,2	61,7	62,2
per 100 thsd. population	177	176	174	172	145	145	147

At the end of 2016, 162,5 thsd. persons were registered as those addicted to alcohol, narcotics and other psychoactive materials, including 82,0 thsd. were newly registered.

**7.4. Incidence of malignant tumours***(source: the Ministry of Health Care of Ukraine)*

	2010	2011	2012	2013	2014	2015	2016
Total newly registered							
thsd.	156,2	159,0	162,6	163,5	134,5	134,1	134,3
per 100 thsd. population	342	349	358	361	314	314	316
Total patients registered at medical institutions, end of year							
thsd.	988,6	1015,5	1052,2	1090,1	954,1	961,8	985,4
per 100 thsd. population	2168	2234	2319	2409	2231	2258	2323

**7.5. Incidence of active tuberculosis***(source: the Ministry of Health Care of Ukraine)*

	2010	2011	2012	2013	2014	2015	2016
Total newly registered							
thsd.	31,3	30,7	31,0	30,8	25,5	23,9	23,3 <sup>1</sup>
per 100 thsd. population	68,5	67,3	68,2	68,0	59,6	56,0	54,8
including active form of tuberculosis of respiratory organs							
thsd.	29,5	29,0	29,3	29,3	24,3	22,7	22,1
per 100 thsd. population	64,7	63,7	64,4	64,6	56,6	53,3	51,9
Total patients registered at medical institutions, end of year							
thsd.	78,6	70,7	61,7	47,6	38,7	36,2	35,0
per 100 thsd. population	172,5	155,6	136,1	105,2	90,5	85,1	82,4

<sup>1</sup> Among the persons newly registered as sick of active form of tuberculosis in 2016 68,2% were males, and 94,7% were sick of respiratory tuberculosis

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

	Persons					Per 100 thsd. population				
	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
<b>Ukraine</b>	<b>31295</b>	<b>30819</b>	<b>25543</b>	<b>23896</b>	<b>23292</b>	<b>68,5</b>	<b>68,0</b>	<b>59,6</b>	<b>56,0</b>	<b>54,8</b>
Autonomous Republic of Crimea	1639	1491	...	...	...	83,8	76,2	...	...	...
<b>oblasts</b>										
Vinnitsya	925	906	809	758	769	56,4	56,1	50,3	47,4	48,4
Volyn	580	700	713	653	620	56,1	67,4	68,6	62,8	59,7
Dnipropetrovsk	3140	3006	2600	2566	2105	93,9	91,2	79,2	78,7	65,0
Donetsk	3570	3111	2499	1086	1172	80,5	71,6	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Zhytomyr	978	865	853	830	780	76,2	68,3	67,7	66,3	62,7
Zakarpattia	744	716	731	749	765	59,8	57,2	58,2	59,6	60,9
Zaporizhzhya	1219	1204	1144	1085	1066	67,5	67,6	64,6	61,7	61,1
Ivano-Frankivsk	911	959	882	845	718	66,1	69,5	63,9	61,2	52,1
Kyiv	988	1183	1133	1194	1280	57,6	68,9	65,8	69,2	74,1
Kirovohrad	823	763	774	747	648	81,7	77,5	79,2	77,0	67,3
Luhansk	1904	1769	248	316	370	82,9	78,9	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Lviv	1678	1636	1659	1509	1557	66,4	64,9	65,8	59,9	61,9
Mykolayiv	1076	908	838	803	777	90,7	77,6	71,9	69,2	67,4
Odesa	1842	2161	2342	2446	2594	77,4	90,6	98,2	102,7	109,1
Poltava	789	879	796	789	799	53,1	60,4	55,1	54,9	56,1
Rivne	679	727	646	636	611	59,0	62,8	55,7	54,8	52,6
Sumy	597	645	612	623	615	51,3	56,8	54,4	55,8	55,6
Ternopil	594	531	500	409	475	54,8	49,5	46,8	38,4	44,8
Kharkiv	1592	1221	1140	1182	1163	58,0	44,8	41,9	43,6	43,2
Kherson	1167	1036	904	875	799	107,1	96,5	84,6	82,3	75,6
Khmelnyskiy	707	727	748	724	690	53,3	55,6	57,5	55,9	53,6
Cherkasy	769	776	719	716	654	59,8	61,5	57,4	57,6	53,0
Chernivtsi	443	415	366	364	273	49,2	45,9	40,4	40,1	30,1
Chernihiv	749	783	663	677	656	68,4	73,6	63,0	65,0	63,6
<b>cities</b>										
Kyiv	950	1473	1224	1314	1336	34,5	52,3	43,1	46,0	46,5
Sevastopol	242	228	...	...	...	63,9	59,6	...	...	...

<sup>1</sup> Data are not released due to low reliability of data used to make calculations

**7.7. Incidence of venereal disease***(source: the Ministry of Health Care of Ukraine)*

	2010	2011	2012	2013	2014	2015	2016
Total newly registered							
Syphilis							
thsd.	7,5	6,4	5,3	4,6	3,7	3,2	3,2
per 100 thsd. population	16,3	14,2	11,7	10,1	8,6	7,6	7,6
Gonorrhoea							
thsd.	10,1	9,4	8,8	8,2	6,2	5,7	5,3
per 100 thsd. population	22,2	20,6	19,5	18,0	14,4	13,5	12,5
Total sick of syphilis registered at medical institutions, end of year							
thsd.	54,9	48,7	43,2	38,5	29,1	26,3	23,6
per 100 thsd. population	120,5	107,1	95,1	85,1	68,1	61,8	55,7

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

	HIV infected persons						Of which positive persons					
	2010	2012	2013	2014	2015	2016	2010	2012	2013	2014	2015	2016
Total newly registered HIV infected persons												
thsd.	20,5	20,8	21,7	19,3	15,9	17,1	5,9	10,1	9,4	9,9	8,5	8,9
per 100 thsd. population	44,9	45,8	47,8	45,1	37,2	40,2	12,8	22,2	20,7	23,0	19,9	20,9
Total patients registered at medical institutions, end of year												
thsd.	110,5	129,3	139,7	138,1	126,8	133,1	14,0	24,1	29,0	33,3	34,1	38,8
per 100 thsd. population	242,3	284,9	308,8	323,0	297,6	313,8	30,8	53,1	64,2	77,9	80,0	91,4

<sup>1</sup> Including foreign citizens

At the end of 2016, 52,9% of HIV infected and registered as HIV positive persons were males and 35,8% were those infected through drug injections.



**7.9. Cash benefits to low-income persons incapable of working***(source: the Pension Fund's bodies of Ukraine; as of January 1, 2017)*

	Number of persons entitled to benefits, thsd.		Average amount of monthly benefit per one person, UAH
	total	including in rural areas	
<b>Total</b>	<b>382,2</b>	<b>169,2</b>	<b>43,47</b>
of which pensioners			
due to disability	32,7	14,3	51,92
survivors who lost their benefactor	0,5	0,2	45,51
those receiving social pension	33,6	17,6	36,81
Of the total, single pensioners	7,8	3,0	56,21

**7.10. Cash and in-kind assistance to persons who are in complicated real-life situation in 2016***(source: the Ministry of Social Policy of Ukraine)*

	Total, thsd. persons	Including in rural area	Aid provided, thsd. persons		Average size of aid per person, UAH	
			cash	in-kind	cash	in-kind
<b>Persons identifies as those required aid</b>	<b>598,7</b>	<b>308,4</b>	<b>101,7</b>	<b>418,8</b>	<b>1671,92</b>	<b>222,40</b>
of which						
old-age persons, disables, patients who have no relations	348,7	180,8	54,5	285,1	1109,30	222,96
persons who enjoy special conditions of free service	43,7	20,0	5,6	30,1	1197,93	147,79
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	42,0	20,8	14,3	28,2	927,93	170,24

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.

**7.11. Subsidies to the population in 2016, by region**

	Compensation of payments for			
	housing and communal utilities		gas and fuel	
	the number of households to whom the subsidies were allocated, thsd.	total subsidies accrued, thsd. UAH	the number of households to whom the subsidies were allocated, thsd.	total subsidies accrued, thsd. UAH
<b>Ukraine</b>	<b>7677,2</b>	<b>5704654,7</b>	<b>839,5</b>	<b>1579545,3</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnitsya	353,7	315660,2	76,3	177594,1
Volyn	229,5	185807,6	41,8	84039,4
Dnipropetrovsk	608,6	343214,4	14,4	27266,5
Donetsk	383,7	220902,1	31,1	51886,3
Zhytomyr	295,0	221485,4	58,7	108526,9
Zakarpattia	139,6	130830,7	27,7	50128,6
Zaporizhzhya	364,0	216214,4	35,3	63737,6
Ivano-Frankivsk	269,6	293443,8	21,6	39578,6
Kyiv	347,2	275914,3	12,7	26922,2
Kirovohrad	246,4	160921,1	55,8	111453,0
Luhansk	185,7	135265,7	6,9	12517,5
Lviv	487,2	450013,0	18,4	35592,5
Mykolayiv	211,2	111612,8	39,7	70817,9
Odesa	239,4	120602,7	65,1	144277,5
Poltava	400,3	306454,6	10,8	19865,5
Rivne	220,0	189776,2	36,6	58023,3
Sumy	346,4	238410,9	35,6	62512,1
Ternopil	251,0	328008,4	18,9	33902,4
Kharkiv	536,5	294982,7	23,0	41836,4
Kherson	208,4	122404,0	61,8	105628,5
Khmelnyskiy	280,7	259895,8	34,8	59313,7
Cherkasy	334,1	262329,7	39,2	69207,3
Chernivtsi	134,4	129967,8	25,0	42416,9
Chernihiv	322,3	241752,5	48,2	82381,8
<b>cities</b>				
Kyiv	282,3	148783,9	0,1	118,8
Sevastopol	...	...	...	...

## 8. JUSTICE AND CRIMES

### 8.1. Crimes, by selected category

(thsd.)

	2010	2011	2012 <sup>1</sup>	2013	2014 <sup>2</sup>	2015	2016
<b>Total crimes<sup>3</sup></b>	<b>505,4</b>	<b>520,2</b>	<b>447,1</b>	<b>563,6</b>	<b>529,1</b>	<b>565,2</b>	<b>592,6</b>
including							
premeditated murders and attempted murders	2,4	2,5	2,1	2,0	4,9	3,2	1,8
premeditated severe injuries	3,8	3,4	3,1	3,2	3,3	2,6	2,4
rapes and attempted rapes	0,6	0,6	0,5	0,5	0,4	0,3	0,3
hooliganism	9,2	8,9	7,2	6,3	5,0	4,1	4,0
violent crime	4,0	3,7	3,0	2,9	3,9	3,6	3,9
robberies	23,3	23,0	19,7	22,7	20,5	22,1	27,2
extortion	0,5	0,6	0,4	0,7	0,6	0,6	0,6

<sup>1</sup> As of November 20

<sup>2</sup> Including data from the occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol for January–March of 2014 and all messages about crimes committed on the temporarily occupied territory and registered with other territorial bodies of prejudicial inquiry

<sup>3</sup> Before 2012, data from the Ministry of Internal Affairs of Ukraine and State Tax Service of Ukraine, since 2013, data from Prosecutor General's Office of Ukraine

Out of all crimes recorded by law enforcement agencies in 2016 232,5 thsd. were classified as grave and very grave offences.

**8.2. Crimes related on narcotics and other harmful drugs**

	2010	2011	2012 <sup>1</sup>	2013	2014 <sup>2</sup>	2015	2016
<b>Total crimes<sup>3</sup></b>	<b>56878</b>	<b>53206</b>	<b>45322</b>	<b>33982</b>	<b>30494</b>	<b>25908</b>	<b>23029</b>
including							
theft, appropriation, extortion of drugs, psychotropic substances or similar products or captured by swindle or abuse of official position	255	146	59	31	35	31	28
illegal production, purchase, storage, transportation and trafficking of drugs for sale or other purposes	47702	45160	38428	28035	25215	21504	19691
inclination for drugs	618	553	456	235	233	158	19
setting up and keeping places for illegal consumption, production or the making of drugs, psychotropic agents or similar products	2150	1965	1781	1268	1263	1044	460

<sup>1</sup> See the first footnote to Table 8.1<sup>2</sup> See the second footnote to Table 8.1<sup>3</sup> Before 2012, data from the Ministry of Internal Affairs of Ukraine, since 2013, data from Prosecutor General's Office of Ukraine

**8.3. Convicted persons, by category***(source: the State Judicial Administration of Ukraine; percent)*

	2010	2011	2012	2013	2014	2015	2016
<b>Total convicted</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>
Age, years							
14–17	6,4	5,6	5,5	4,8	4,8	4,8	4,6
18–24	25,6	24,6	23,2	21,3	20,5	21,2	20,3
25–29	19,3	19,5	19,4	19,9	18,7	18,5	18,4
30 and older	48,7	50,3	51,9	54,0	56,0	55,5	56,7
Of total convicted							
females	13,1	12,6	12,5	12,6	12,5	11,6	11,7
persons with non-lifted conviction or conviction still in effect, earlier convicted persons, or those whose conviction has been lifted or no longer in effect	36,5	37,4	37,7	38,4	38,0	37,4	37,2
persons of working age not working or studying	68,1	69,1	70,0	69,4	69,9	71,7	71,9
persons who committed crime in the state of alcoholic intoxication	26,9	25,1	25,1	24,0	20,3	15,7	14,6

## 8.4. Convicted persons, by major type of sentence

(source: the State Judicial Administration of Ukraine)

	2010		2014		2015		2016	
	number of convicted persons	percent of the total	number of convicted persons	percent of the total	number of convicted persons	percent of the total	number of convicted persons	percent of the total
<b>Total convicted</b>	<b>168774</b>	<b>100,0</b>	<b>102170</b>	<b>100,0</b>	<b>94798</b>	<b>100,0</b>	<b>76217</b>	<b>100,0</b>
By type of sentence								
lifetime deprivation of freedom	101	0,1	24	0,0	45	0,0	27	0,0
term deprivation of freedom	40819	24,2	20872	20,4	19765	20,9	16140	21,2
fines	25095	14,9	20095	19,7	18652	19,7	16637	21,8
compulsory work	1108	0,7	262	0,3	224	0,2	161	0,2
public works	11187	6,6	10265	10,0	8622	9,1	6626	8,7
restriction of freedom	3596	2,1	1876	1,8	1504	1,6	1245	1,6
freed from punishment	80767	47,9	45256	44,3	41997	44,3	32192	42,2
other types of punishment	6101	3,5	3520	3,5	3989	4,2	3189	4,3

## 8.5. Number and composition of children registered with the units of preventive activity on juvenile prevention

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

	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
	thsd.					percent				
<b>Total</b>	<b>20,3</b>	<b>8,3</b>	<b>5,2</b>	<b>4,9</b>	<b>3,9</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Of whom										
pupils of secondary educational institutions	11,4	4,0	2,6	2,3	1,7	56,5	48,7	50,6	46,4	44,0
pupils of professional training institutions	3,5	3,1	2,0	1,8	1,5	17,1	37,0	38,9	37,0	38,2
did not work or study	4,1	0,9	0,4	0,5	0,4	20,4	10,6	7,3	9,4	10,3
have one parent	5,8	2,9	1,9	1,7	1,4	28,4	34,3	35,9	35,6	35,5
have no parents	0,8	0,5	0,3	0,3	0,2	3,9	6,1	5,3	5,3	5,3
live in children's houses or boarding schools	1,1	0,2	0,2	0,1	0,1	5,5	2,7	2,9	2,5	2,3

## 8.6. Share of young people (below 30 years of age), convicted for selected crimes

(source: the State Judicial Administration of Ukraine;  
percent of the number of persons convicted for the respective crime)

	2010	2011	2012	2013	2014	2015	2016
<b>Total convicted</b>	<b>51,3</b>	<b>49,7</b>	<b>48,2</b>	<b>46,0</b>	<b>44,0</b>	<b>44,5</b>	<b>43,3</b>
For crimes							
against national security	—	—	—	—	29,0	40,0	33,9
against personal life and health	42,8	42,1	39,6	37,1	36,6	35,1	34,4
against personal will and dignity	51,0	45,2	42,7	46,9	41,1	42,6	49,4
against sex freedom and sex persons inviolability	63,3	57,0	57,5	59,5	56,1	45,8	39,0
against electoral, labour and other rights of a person and a citizen	22,6	22,8	22,7	23,4	21,3	23,1	24,4
against property	60,5	57,9	55,9	53,6	51,0	49,8	48,2
in economic sphere	19,5	18,8	21,9	22,3	22,3	24,6	25,7
against environment	38,6	37,2	36,2	38,0	33,5	36,5	37,3
against public safety	25,8	26,5	22,4	21,7	23,4	27,9	28,0
against safety of production	16,4	18,0	17,5	17,8	10,1	19,3	16,4
against safety of traffic and use of transport	57,4	56,9	56,1	56,2	55,8	55,7	52,8
against civil order and morality related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	46,6	45,1	43,7	41,1	36,8	36,6	32,4
in the sphere of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	57,5	54,5	44,8	44,0	35,7	37,1	42,8
against state and local authorities and associations of citizens	31,3	34,6	29,2	31,3	31,9	32,8	31,7
in the sphere of use of computers, computing systems and networks	55,1	51,8	45,0	36,7	43,2	41,9	41,7
in the sphere of office activity	18,2	19,5	21,2	18,6	17,6	18,6	21,3
against justice	44,2	42,6	41,2	41,7	37,2	38,3	42,0
against the established order of military service (military crimes)	72,6	78,1	86,4	55,4	57,1	52,7	46,5
against peace, security of the humankind and the international order	—	—	—	—	—	33,3	42,9
other crimes <sup>1</sup>	35,5	43,6	37,3	23,5	30,0	33,3	—

<sup>1</sup> Convicted by articles of the 1960 *Criminal Code of Ukraine*

## 8.7. Share of minors convicted of selected crimes

(source: the State Judicial Administration of Ukraine;  
percent of the number of persons convicted for the respective crime)

	2010	2011	2012	2013	2014	2015	2016
<b>Total convicted</b>	<b>6,4</b>	<b>5,6</b>	<b>5,5</b>	<b>4,8</b>	<b>4,8</b>	<b>4,8</b>	<b>4,6</b>
For crimes							
against national security	—	—	—	—	—	—	—
against personal life and health	3,7	2,6	2,5	1,9	2,1	2,3	2,3
against personal will and dignity	1,5	1,6	—	1,2	1,1	3,2	1,3
against sex freedom and sex persons inviolability	12,0	8,0	10,2	7,2	7,1	4,7	3,8
against electoral, labour and other rights of a person and a citizen	0,2	0,1	0,0	0,1	0,0	0,2	0,1
against property	10,4	8,9	8,6	7,6	7,3	6,9	6,5
in economic sphere	0,3	0,2	0,1	0,4	0,1	0,2	—
against environment	1,1	0,8	0,9	0,6	0,6	0,7	1,6
against public safety	0,9	0,7	0,6	0,7	0,8	1,1	1,2
against safety of production	—	—	0,2	—	—	—	—
against safety of traffic and use of transport	7,3	8,4	7,9	8,9	9,0	10,3	8,2
against civil order and morality related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	1,6	1,7	1,8	1,3	1,2	1,4	0,8
in the sphere of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	1,1	0,6	—	—	0,4	0,1	—
against state and local authorities and associations of citizens	0,4	0,4	0,5	0,4	0,8	0,4	0,8
in the sphere of use of computers, computing systems and networks	1,4	—	—	—	—	—	—
in the sphere of office activity	—	0,0	—	—	—	—	—
against justice	0,8	0,6	0,8	0,6	0,7	0,9	1,0
against the established order of military service (military crimes)	—	—	—	—	0,2	—	—
against peace, security of the humankind and the international order	—	—	—	—	—	—	—
other crimes <sup>1</sup>	2,7	7,3	—	5,9	10,0	—	—

<sup>1</sup> See the footnote to Table 8.6



## 9. ENVIRONMENT

### 9.1. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2016, by type of economic activity

	Pollutants			
	pollutant emissions		carbon dioxide	
	thsd.t	percent of the total	thsd.t	percent of the total
<b>Total</b>	<b>3078,5</b>	<b>100,0</b>	<b>150556,2</b>	<b>100,0</b>
Agriculture, forestry and fishing	81,6	2,7	871,3	0,6
Mining and quarrying	464,2	15,1	2978,0	2,0
of which				
Mining of coal and lignite	342,9	11,1	367,4	0,2
Mining of iron ores	79,3	2,6	1231,6	0,8
Mining of other minerals and quarrying	9,9	0,3	127,6	0,1
Manufacturing	977,4	31,7	61068,5	40,6
of which				
Manufacture of food products	34,2	1,1	2261,0	1,5
Manufacture of beverages	1,3	0,0	153,2	0,1
Manufacture of tobacco products	0,1	0,0	15,2	0,0
Manufacture of coke, and refined petroleum products	35,2	1,1	3021,6	2,0
Manufacture of chemicals and chemical products	16,3	0,5	3181,2	2,1
Manufacture of other non-metallic mineral products	31,3	1,0	6173,1	4,1
Manufacture of basic metals	825,5	26,8	44616,7	29,6
Manufacture of fabricated metal products, except machinery and equipment	1,6	0,1	65,9	0,0
Electricity, gas, steam and air-conditioning supply	1414,8	46,0	79071,1	52,5
Water supply, sewerage, waste management and remediation	14,0	0,5	237,9	0,1
Construction	3,5	0,1	122,7	0,1
Wholesale and retail trade; repair of vehicles and motorcycles	60,3	1,9	3655,1	2,4
Other type of economic activities	62,7	2,0	2551,6	1,7

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

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>4131,6</b>	<b>4374,6</b>	<b>4335,3</b>	<b>4295,1</b>	<b>3350,0</b>	<b>2857,4</b>	<b>3078,5</b>
<b>Autonomous Republic of Crimea</b>	<b>32,3</b>	<b>32,9</b>	<b>32,7</b>	<b>26,6</b>	...	...	...
of which							
Simferopol	2,1	1,9	1,9	2,5	...	...	...
Armyansk	12,1	12,7	13,7	5,7	...	...	...
Kerch	1,9	1,8	1,7	1,7	...	...	...
Krasnoperekopsk	7,9	7,8	7,3	6,9	...	...	...
Yalta	0,4	0,5	0,5	0,6	...	...	...
<b>oblasts</b>							
<b>Vinnitsya</b>	<b>103,0</b>	<b>87,3</b>	<b>101,3</b>	<b>149,5</b>	<b>124,5</b>	<b>134,7</b>	<b>120,0</b>
of which							
Vinnitsya city	3,4	4,2	4,1	2,9	3,3	15,8	12,1
Ladyzhyn	74,8	59,3	75,6	125,3	88,2	78,8	66,1
<b>Volyn</b>	<b>8,2</b>	<b>7,6</b>	<b>7,3</b>	<b>6,6</b>	<b>4,3</b>	<b>4,7</b>	<b>4,7</b>
of which							
Lutsk	1,0	0,9	0,9	0,9	1,0	0,9	0,8
Novovolynsk	0,2	0,3	0,3	0,3	0,2	0,2	0,2
Kovel	3,5	3,2	3,0	2,5	0,3	0,4	0,4
<b>Dnipropetrovsk</b>	<b>933,1</b>	<b>950,4</b>	<b>962,0</b>	<b>940,5</b>	<b>855,8</b>	<b>723,9</b>	<b>833,0</b>
of which							
Dnipro ( <i>formerly</i> Dnipropetrovsk city)	110,0	110,0	110,4	104,8	87,7	48,5	80,6
Zelenodolsk	173,4	205,3	219,3	185,2	155,7	66,9	146,1
Kamyanske ( <i>formerly</i> Dneprodzerzhinsk city)	108,5	124,7	116,4	115,5	105,0	101,0	90,5
Kryviy Rih	395,0	358,6	354,6	351,8	327,4	327,0	342,9
Nikopol	26,2	25,4	22,4	15,3	21,5	19,5	25,7
<b>Donetsk</b>	<b>1378,1</b>	<b>1525,9</b>	<b>1514,8</b>	<b>1448,1</b>	<b>1043,0</b>	<b>917,6</b>	<b>981,4</b>
of which							
Donetsk city	80,2	71,1	71,6	70,8	...	...	...
Avdyivka	14,7	17,9	17,0	14,3	9,7	8,1	10,3
Vuhledar	25,9	33,6	29,5	22,8	28,1	28,4	25,9
Horlivka	28,4	25,3	21,3	13,1	...	...	...
Debaltseve	112,8	127,0	172,2	74,4	109,4	...	...
including Svitlodarske	104,2	117,9	163,5	65,4	101,1	...	...
Dobropillya	39,5	35,5	26,6	20,6	35,7	35,1	35,8
Yenakiyev	67,4	83,2	77,3	75,2	43,9	42,7	42,7

## ENVIRONMENT

Table 9.2 continued

	2010	2011	2012	2013	2014	2015	2016
Zuhres	70,8	98,7	99,4	116,5	...	56,5	53,7
Kurakhove	123,9	166,2	148,4	166,0	125,0	112,7	126,4
Makyivka	58,1	53,2	46,5	39,3	26,7	...	1,7
Mariupol	364,3	382,4	330,4	333,8	289,4	249,6	257,3
Noviy Svit	109,9	105,4	118,0	133,0	96,1	81,4	97,0
Novoamvrosiyske	3,3	4,3	4,5	11,9	...	...	...
Pokrovsk ( <i>formerly</i> Krasnoarmiysk city)	33,3	40,9	32,3	28,0	89,4	...	68,1
Rayhorodok	48,8	60,1	53,4	39,0	15,2	37,8	56,7
Rodynske	32,9	40,5	32,0	27,7	24,4	22,1	17,7
Slovyansk	1,6	1,6	1,5	1,1	0,4	0,7	0,4
Toretsk ( <i>formerly</i> Dzerzhynsk city)	10,8	12,2	12,4	13,8	8,8	7,6	8,9
Khartsyzk	75,4	103,1	110,2	126,6	79,5	56,5	53,7
Khrestivka ( <i>formerly</i> Kirovske city)	50,0	57,5	59,4	70,9	...	...	...
<b>Zhytomyr</b>	<b>18,4</b>	<b>19,0</b>	<b>18,5</b>	<b>17,2</b>	<b>10,9</b>	<b>9,0</b>	<b>9,3</b>
of which							
Zhytomyr city	0,9	1,3	1,4	1,4	1,4	1,3	1,3
Berdychiv	5,6	5,7	5,7	5,4	0,3	0,2	0,2
Korosten	0,5	0,6	0,8	1,2	0,7	0,6	0,5
<b>Zakarpattia</b>	<b>17,4</b>	<b>17,2</b>	<b>8,1</b>	<b>7,7</b>	<b>3,9</b>	<b>4,4</b>	<b>4,9</b>
of which							
Uzhgorod	1,4	1,1	0,6	0,3	1,2	1,8	1,0
Vynohradiv	2,6	2,0	0,6	0,0	0,0	0,0	0,1
Volovets	0,5	0,7	0,2	0,1	0,2	0,2	0,2
<b>Zaporizhzhya</b>	<b>217,5</b>	<b>229,3</b>	<b>207,6</b>	<b>245,9</b>	<b>206,7</b>	<b>193,7</b>	<b>167,0</b>
of which							
Zaporizhzhya city	109,6	117,0	92,3	94,1	86,7	83,3	70,2
Enerhodar	100,3	104,9	107,7	145,5	113,5	103,9	91,4
<b>Ivano-Frankivsk</b>	<b>169,2</b>	<b>221,8</b>	<b>196,7</b>	<b>202,9</b>	<b>228,8</b>	<b>223,9</b>	<b>196,7</b>
of which							
Ivano-Frankivsk city	0,5	0,4	0,4	0,4	0,4	0,4	0,5
Burshtyn	146,8	198,7	174,7	182,7	199,8	198,0	168,5
<b>Kyiv</b>	<b>106,8</b>	<b>113,6</b>	<b>129,4</b>	<b>111,9</b>	<b>96,2</b>	<b>78,1</b>	<b>98,3</b>
of which							
Bohuslav	1,9	1,9	1,1	1,3	0,6	1,1	0,7
Bila Tserkva	1,2	1,4	1,4	1,4	1,3	2,0	6,3
Boyarka	5,4	1,1	4,0	3,6	3,1	0,1	0,6
Ukrayinka	82,8	91,7	109,2	91,8	76,9	55,5	74,7
Yahotyn	8,8	0,2	4,6	4,0	3,6	2,1	1,9

Table 9.2 continued

	2010	2011	2012	2013	2014	2015	2016
<b>Kirovohrad</b>	<b>14,8</b>	<b>15,2</b>	<b>16,8</b>	<b>15,7</b>	<b>11,8</b>	<b>14,2</b>	<b>11,8</b>
of which							
Kropyvnytskyi (former Kirovograd)	2,2	2,4	2,3	2,3	2,4	2,3	2,3
Oleksandriya	0,2	0,2	0,2	0,2	0,2	0,2	0,2
<b>Luhansk</b>	<b>511,7</b>	<b>472,0</b>	<b>447,6</b>	<b>442,0</b>	<b>197,8</b>	<b>115,2</b>	<b>155,5</b>
of which							
Luhansk city	160,7	142,6	130,5	119,5	...	...	...
including Schastya	155,7	136,6	124,0	114,3	90,9	55,5	73,2
Alchevsk	89,3	96,8	106,0	111,8	68,9	25,5	47,3
Kadiyivka (former Stakhanov city)	23,9	22,2	19,9	17,4	...	...	...
Lysychansk	31,1	33,3	22,1	18,8	16,1	16,6	16,6
Perevalsk	6,4	0,1	0,1	0,2	0,5	...	1,1
Samsonivka	51,4	42,2	38,7	38,1	...	...	...
Sorokine (former Krasnodon city)	14,6	13,4	14,6	13,1	...	...	...
including Sukhodilsk	13,3	12,7	13,9	12,4	...	...	...
Krustalnyi (former Krasniy Luch city)	5,5	5,6	6,7	5,8	...	...	...
<b>Lviv</b>	<b>113,2</b>	<b>129,4</b>	<b>130,7</b>	<b>121,4</b>	<b>100,2</b>	<b>102,4</b>	<b>103,1</b>
of which							
Lviv city	2,0	1,8	1,7	1,6	1,6	2,6	1,7
Dobrotvir	39,3	46,8	48,3	41,4	37,5	40,6	44,9
<b>Mykolayiv</b>	<b>21,5</b>	<b>25,7</b>	<b>25,1</b>	<b>20,4</b>	<b>15,9</b>	<b>15,8</b>	<b>13,9</b>
of which							
Mykolayiv city	5,9	8,2	7,6	6,2	5,0	5,5	3,6
Olshanske	6,9	4,2	3,9	2,8	2,3	2,2	1,3
<b>Odesa</b>	<b>29,2</b>	<b>30,5</b>	<b>28,2</b>	<b>26,2</b>	<b>23,2</b>	<b>26,1</b>	<b>26,1</b>
of which							
Odesa city	14,4	15,2	13,1	11,9	10,5	9,7	11,9
Berezivka	0,3	0,3	0,2	0,3	0,1	0,2	0,2
Podilsk (former Kotovsk city)	1,1	1,5	1,2	1,0	0,9	1,0	1,3
Chernomorsk (former Illichivsk city)	1,1	0,8	1,0	1,1	1,2	1,1	0,0
Yuzhne	2,7	2,6	2,3	2,6	2,6	2,5	1,7

Table 9.2 continued

	2010	2011	2012	2013	2014	2015	2016
<b>Poltava</b>	<b>72,8</b>	<b>72,3</b>	<b>67,9</b>	<b>66,6</b>	<b>62,9</b>	<b>55,6</b>	<b>56,2</b>
of which							
Poltava city	1,8	1,6	1,4	1,1	1,1	1,2	1,2
Horishni Plavni (former Komsomolsk city)	11,3	12,7	12,9	12,2	12,8	12,2	9,2
Kremenchuk	18,7	19,9	20,7	19,8	18,6	16,1	20,8
<b>Rivne</b>	<b>12,9</b>	<b>17,1</b>	<b>14,9</b>	<b>12,0</b>	<b>11,6</b>	<b>10,2</b>	<b>9,1</b>
of which							
Rivne city	4,5	5,9	4,7	4,0	4,4	3,7	3,1
Zdolbuniv	2,7	4,8	4,6	3,5	3,1	2,7	2,3
<b>Sumy</b>	<b>31,7</b>	<b>35,9</b>	<b>30,2</b>	<b>30,5</b>	<b>27,0</b>	<b>17,5</b>	<b>19,8</b>
of which							
Sumy city	10,4	12,9	10,9	9,9	8,9	6,5	7,0
Konotop	0,3	0,3	0,2	0,3	0,2	0,3	0,3
Shostka	0,4	0,4	0,5	0,6	0,5	0,3	0,4
<b>Ternopil</b>	<b>18,5</b>	<b>20,4</b>	<b>20,9</b>	<b>15,9</b>	<b>8,2</b>	<b>8,5</b>	<b>9,0</b>
of which							
Ternopil city	0,6	0,6	0,5	0,6	0,5	0,6	0,6
Veleki Birky	10,7	11,3	12,0	7,8	0,0	0,0	0,0
Kremenets	0,9	1,1	1,1	0,7	0,2	0,3	1,3
<b>Kharkiv</b>	<b>151,9</b>	<b>174,1</b>	<b>197,6</b>	<b>210,3</b>	<b>150,5</b>	<b>53,4</b>	<b>100,3</b>
of which							
Kharkiv city	4,9	5,0	5,3	4,9	4,5	4,4	4,9
Balakliya	0,7	3,6	0,5	0,6	0,5	0,4	0,4
Donets (former Chervoniy Donets city)	3,5	2,9	3,0	3,6	2,8	2,5	2,6
Slobozhanske (former Komsomolske city)	108,1	126,2	151,3	164,3	113,9	22,8	55,9
<b>Kherson</b>	<b>5,3</b>	<b>5,8</b>	<b>6,4</b>	<b>6,0</b>	<b>7,2</b>	<b>8,9</b>	<b>9,7</b>
of which							
Kherson city	3,5	4,2	4,2	4,2	5,4	5,4	3,0
<b>Khmelnyskiy</b>	<b>19,1</b>	<b>18,7</b>	<b>16,4</b>	<b>17,2</b>	<b>17,1</b>	<b>18,3</b>	<b>21,7</b>
of which							
Khmelnyskiy city	1,0	1,0	1,0	1,1	1,1	1,0	1,0
Humentsi	9,4	9,5	6,9	7,1	7,8	7,1	7,6
Krasyliv	3,6	3,1	3,6	3,6	2,8	0,8	0,7
Slavuta	0,3	0,4	0,4	0,5	0,2	0,5	0,4

ENVIRONMENT

Table 9.2 continued

	2010	2011	2012	2013	2014	2015	2016
Starokostyantyniv	0,5	0,4	0,4	0,3	0,3	0,2	0,3
<b>Cherkasy</b>	<b>61,2</b>	<b>62,2</b>	<b>69,4</b>	<b>73,1</b>	<b>66,7</b>	<b>57,5</b>	<b>52,7</b>
of which							
Cherkasy city	32,3	30,4	35,7	39,9	36,4	29,8	24,2
Smila	0,3	0,4	0,4	0,4	0,3	0,3	0,3
Talne	0,9	1,2	1,0	0,8	0,4	0,4	0,2
<b>Chernivtsi</b>	<b>3,8</b>	<b>3,8</b>	<b>2,9</b>	<b>2,7</b>	<b>2,5</b>	<b>3,2</b>	<b>3,0</b>
of which							
Chernivtsi city	1,3	1,3	1,1	1,0	1,0	1,1	1,0
<b>Chernihiv</b>	<b>47,4</b>	<b>49,5</b>	<b>45,8</b>	<b>43,7</b>	<b>41,9</b>	<b>33,9</b>	<b>37,1</b>
of which							
Chernihiv city	19,8	23,0	21,4	21,1	20,0	15,1	18,6
Nizhyn	1,0	1,1	1,0	1,0	1,1	1,1	1,1
Olyshivka	3,3	3,3	2,6	2,4	2,4	0,1	0,0
<b>cities</b>							
<b>Kyiv</b>	<b>28,6</b>	<b>33,3</b>	<b>32,9</b>	<b>31,9</b>	<b>31,4</b>	<b>26,7</b>	<b>34,3</b>
<b>Sevastopol</b>	<b>4,0</b>	<b>3,7</b>	<b>3,2</b>	<b>2,6</b>	<b>...</b>	<b>...</b>	<b>...</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

### 9.3. Capacities for preventing pollution of water and air put into operation

	2010	2011	2012	2013	2014	2015	2016
Sewage treatment facilities, thsd.cub.m per 24 hours	110	52	111	90	12	14	181
Reused water supply and waste systems, thsd.cub.m per 24 hours	14	16	80	0,4	49	38	5
Absorption gas traps, thsd.cub.m per hour	500	2213	3363	—	—	432	25

## 10. NATIONAL ACCOUNTS

### 10.1. Gross domestic product (GDP) production and distribution, by type of economic activity

(at current prices; mln. UAH)

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Agriculture, forestry and fishing	2010	195390	112442	82948	17896	−305	65357
	2011	261331	151370	109961	22755	−303	87509
	2012	269983	156738	113245	26739	176	86330
	2013	315546	183192	132354	30745	731	100878
	2014	381227	220082	161145	31274	1353	128518
	2015	558788	318982	239806	35131	1389	203286
Mining and quarrying	2010	119911	55837	64074	34536	−5801	35339
	2011	157418	71724	85694	40983	−6905	51616
	2012	153036	70508	82528	44739	−16673	54462
	2013	155870	73583	82287	49193	−13043	46137
	2014	156192	77072	79120	34726	−7595	51989
	2015	186194	91053	95141	34219	−385	61307
Manufacturing	2010	810843	664094	146749	95678	2693	48378
	2011	970116	811378	158738	115224	4181	39333
	2012	974924	796482	178442	128708	5389	44345
	2013	904052	734419	169633	118313	5712	45608
	2014	975675	781625	194050	123632	6044	64374
	2015	1206047	969355	236692	132968	6563	97161
Electricity, gas, steam, and air-conditioning supply	2010	98052	66298	31754	22387	294	9073
	2011	129202	87259	41943	28285	657	13001
	2012	144578	99012	45566	26520	−6354	25400
	2013	140522	96302	44220	26353	−493	18360
	2014	148408	103572	44836	29586	−7517	22767
	2015	176768	123383	53385	32641	−3649	24393

NATIONAL ACCOUNTS

*Table 10.1 continued*

	Year	Output	Intermediate consumption	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
	2011	26112	18420	7692	7513	-120	299
	2012	24070	17041	7029	7900	-1266	395
	2013	22417	15471	6946	7679	-319	-414
	2014	23465	16229	7236	6710	-1245	1771
	2015	26982	19058	7924	8028	-869	765
Construction	2010	137118	100470	36648	18028	547	18073
	2011	164992	123935	41057	22973	507	17577
	2012	184751	144251	40500	23721	1257	15522
	2013	174158	135708	38450	22757	1370	14323
	2014	162551	125675	36876	20998	1198	14680
	2015	188595	149667	38928	20060	1612	17256
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	295912	133741	162171	68291	3503	90377
	2011	362327	160581	201746	84581	3118	114047
	2012	399249	189017	210232	99788	3506	106938
	2013	409406	186617	222789	105416	4801	112572
	2014	442955	209253	233702	102761	4431	126510
	2015	549163	275174	273989	101419	3969	168601
Transport and storage, postal and courier activities	2010	169526	82257	87269	46914	848	39507
	2011	215666	107543	108123	57559	872	49692
	2012	222425	118556	103869	66563	1787	35519
	2013	231003	120918	110085	68820	1167	40098
	2014	217287	116398	100889	62100	1068	37721
	2015	295634	160656	134978	73271	1289	60418
Accommodation and food service activities	2010	22579	12474	10105	5250	213	4642
	2011	25212	13573	11639	6178	278	5183
	2012	24993	13534	11459	7275	405	3779
	2013	24884	13344	11540	7364	449	3727
	2014	21438	11511	9927	5859	427	3641
	2015	25458	13512	11946	5858	310	5778



NATIONAL ACCOUNTS

*Table 10.1 continued*

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Information and communication	2010	69614	35966	33648	17432	−342	16558
	2011	80585	41461	39124	19688	71	19365
	2012	90269	46082	44187	22557	1932	19698
	2013	99269	50022	49247	24549	1082	23616
	2014	105116	52392	52724	24075	1697	26952
	2015	142223	69627	72596	26268	2856	43472
Financial and insurance activities	2010	100995	38386	62609	28408	786	33415
	2011	97109	37680	59429	30560	892	27977
	2012	100096	37760	62336	33927	846	27563
	2013	106292	38761	67531	34242	866	32423
	2014	116826	46225	70601	32733	1397	36471
	2015	107764	40252	67512	26996	1769	38747
Real estate activities	2010	93713	33693	60020	10643	389	48988
	2011	113182	41388	71794	14456	395	56943
	2012	126209	39236	86973	20793	−1126	67306
	2013	140627	41527	99100	22648	206	76246
	2014	139848	40704	99144	19238	−2238	82144
	2015	176078	53057	123021	15976	742	106303
Professional, scientific and technical activities	2010	55207	27454	27753	17687	502	9564
	2011	63090	31910	31180	18442	535	12203
	2012	88024	45004	43020	27462	473	15085
	2013	97333	48629	48704	30395	1780	16529
	2014	92230	45091	47139	30355	1336	15448
	2015	107124	51335	55789	29001	1605	25183

## NATIONAL ACCOUNTS

Table 10.1 continued

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Administrative and support service activities	2010	25492	13256	12236	6824	106	5306
	2011	31543	16604	14939	8296	56	6587
	2012	34563	17693	16870	11713	1570	3587
	2013	37560	18985	18575	12562	821	5192
	2014	35938	17877	18061	13601	770	3690
	2015	43370	21746	21624	14724	789	6111
Public administration and defence, compulsory social security	2010	74783	21329	53454	49052	62	4340
	2011	76529	18961	57568	53567	58	3943
	2012	89101	24778	64323	58059	68	6196
	2013	97642	24448	73194	67763	70	5361
	2014	117168	38437	78731	72538	91	6102
	2015	147578	52493	95085	86329	118	8638
Education	2010	84197	28471	55726	50577	96	5053
	2011	91357	29158	62199	56745	96	5358
	2012	106702	31541	75161	68627	113	6421
	2013	112780	31035	81745	73939	106	7700
	2014	106305	30237	76068	69059	107	6902
	2015	119928	37150	82778	74753	130	7895
Human health and social work activities	2010	63527	22070	41457	35515	-375	6317
	2011	69824	24358	45466	38504	317	6645
	2012	80542	27325	53217	46158	360	6699
	2013	78876	26686	52190	44009	164	8017
	2014	71755	25505	46250	39267	188	6795
	2015	88636	37156	51480	43041	339	8100
Art, entertainment and recreation	2010	10459	4068	6391	5225	-539	1705
	2011	13022	5464	7558	6327	-735	1966
	2012	18283	7987	10296	9462	-3662	4496
	2013	20512	7168	13344	10314	-2423	5453
	2014	19135	6796	12339	9912	-1993	4420
	2015	20436	8079	12357	10181	-2328	4504

## NATIONAL ACCOUNTS

Table 10.1 continued

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Other services	2010	13787	4821	8966	3331	280	5355
	2011	17058	6008	11050	4086	326	6638
	2012	18855	5951	12904	5784	400	6720
	2013	20809	6379	14430	6126	490	7814
	2014	20508	6627	13881	6519	476	6886
	2015	22475	8119	14356	6782	505	7069
<b>Total</b> (at base prices)	<b>2010</b>	<b>2466423</b>	<b>1474248</b>	<b>992175</b>	<b>540651</b>	<b>2929</b>	<b>448595</b>
	<b>2011</b>	<b>2965675</b>	<b>1798775</b>	<b>1166900</b>	<b>636722</b>	<b>4296</b>	<b>525882</b>
	<b>2012</b>	<b>3150653</b>	<b>1888496</b>	<b>1262157</b>	<b>736495</b>	<b>-10799</b>	<b>536461</b>
	<b>2013</b>	<b>3189558</b>	<b>1853194</b>	<b>1336364</b>	<b>763187</b>	<b>3537</b>	<b>569640</b>
	<b>2014</b>	<b>3354027</b>	<b>1971308</b>	<b>1382719</b>	<b>734943</b>	<b>-5</b>	<b>647781</b>
	<b>2015</b>	<b>4189241</b>	<b>2499854</b>	<b>1689387</b>	<b>777646</b>	<b>16754</b>	<b>894987</b>
Taxes, less subsidies on products	2010	128410	×	128410	×	128410	×
	2011	182278	×	182278	×	182278	×
	2012	196939	×	196939	×	196939	×
	2013	186293	×	186293	×	186293	×
	2014	204196	×	204196	×	204196	×
	2015	299157	×	299157	×	299157	×
<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>2011</b>	<b>3147953</b>	<b>1798775</b>	<b>1349178</b>	<b>636722</b>	<b>186574</b>	<b>525882</b>
	<b>2012</b>	<b>3347592</b>	<b>1888496</b>	<b>1459096</b>	<b>736495</b>	<b>186140</b>	<b>536461</b>
	<b>2013</b>	<b>3375851</b>	<b>1853194</b>	<b>1522657</b>	<b>763187</b>	<b>189830</b>	<b>569640</b>
	<b>2014</b>	<b>3558223</b>	<b>1971308</b>	<b>1586915</b>	<b>734943</b>	<b>204191</b>	<b>647781</b>
	<b>2015</b>	<b>4488398</b>	<b>2499854</b>	<b>1988544</b>	<b>777646</b>	<b>315911</b>	<b>894987</b>

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

	2010	2011	2012	2013	2014	2015
<b>At current prices, mln. UAH</b>						
<b>Gross domestic product</b>	<b>1120585</b>	<b>1349178</b>	<b>1459096</b>	<b>1522657</b>	<b>1586915</b>	<b>1988544</b>
Final consumption expenditure	946270	1154205	1287542	1397512	1429959	1709213
households	717509	905609	1001964	1099191	1120876	1317110
non-profit institutions serving household	8379	9905	9226	10570	12873	15788
general government	220382	238691	276352	287751	296210	376315
individual consumption expenditure	143663	155788	183601	194270	183008	220859
collective consumption expenditure	76719	82903	92751	93481	113202	155456
Gross fixed capital formation	201887	247592	283116	263661	224327	269422
Changes in inventories	3616	27714	2325	-13761	-12077	47231
Acquisition, less disposal of valuables	375	520	756	208	341	188
Exports of goods and services	520585	666577	691361	653180	771129	1045928
Imports of goods and services	-552148	-747430	-806004	-778143	-826764	-1083438

## NATIONAL ACCOUNTS

Table 10.2 continued

	2010	2011	2012	2013	2014	2015
<b>As a percentage 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>
Final consumption expenditure	84,4	85,5	88,3	91,8	90,1	86,0
households	64,0	67,1	68,7	72,2	70,6	66,3
non-profit institutions serving household	0,7	0,7	0,6	0,7	0,8	0,8
general government	19,7	17,7	19,0	18,9	18,7	18,9
individual consumption expenditure	12,8	11,6	12,6	12,8	11,5	11,1
collective consumption expenditure	6,9	6,1	6,4	6,1	7,2	7,8
Gross fixed capital formation	18,1	18,4	19,4	17,3	14,2	13,5
Changes in inventories	0,3	2,1	0,2	-0,9	-0,8	2,4
Acquisition, less disposal of valuables	0,0	0,0	0,0	0,0	0,0	0,0
Exports of goods and services	46,5	49,4	47,4	42,9	48,6	52,6
Imports of goods and services	-49,3	-55,4	-55,3	-51,1	-52,1	-54,5

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

(percent)

	2010	2011	2012	2013	2014	2015
<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>
Labour remuneration of employees	48,2	47,2	50,5	50,1	46,3	39,1
Taxes less subsidies on production and imports	11,8	13,8	12,7	12,5	12,9	15,9
on products	11,5	13,5	13,5	12,2	12,9	15,0
other, related to production	0,3	0,3	-0,8	0,3	0,0	0,9
Gross operating surplus, mixed income	40,0	39,0	36,8	37,4	40,8	45,0

## 10.4. Integrated table of

										Uses
Accounts	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
Production account/ external goods and services account	1083438	1083438								Import of goods and services
	1045928		1045928							Export of goods and services
	4189241	4189241								Output (at basic prices)
	2499854			2499854	5763	240801	128668	39532	2085090	Intermediate consumption
	302344	302344								Taxes on products
	-3187	-3187								Subsidies on products
										Gross value added / gross domestic product <sup>1</sup>
	1689387			1689387	8075	386492	238325	65844	990651	Consumption of fixed capital
	-246934			-246934	-1059	-35959	-28969	-4601	-176346	Net value added / net domestic product
	1442453			1442453	7016	350533	209356	61243	814305	External balance of goods and services
	37510		37510							Compensation of employees
Generation of income account	867527		89881	777646	6674	22032	209066	26798	513076	Taxes on production and imports
	333956		4	333952	342	5265	290	1711	24000	taxes on products
	302344			302344						other taxes on production
	31612		4	31608	342	5265	290	1711	24000	Subsidies on production and imports
	-18041			-18041	—	-270	—	—	-14584	subsidies on products
	-3187			-3187						other subsidies on products
	-14854			-14854	—	-270	—	—	-14584	Gross operating surplus, mixed income
	894987			894987	1059	359465	28969	37335	468159	Net operating, mixed income
	648053			648053	0	323506	0	32734	291813	Property income
	540960		3393	537567	0	18583	88221	187726	243037	Gross balance of primary income / gross national income
Allocation of primary income account	1964269			1964269	1328	1288444	374728	39800	259969	Net balance of primary income / net national income
	1717335			1717335	269	1252485	345759	35199	83623	

## national accounts for 2015

(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							1083438		1083438	Production account/ External goods and services account
Export of goods and services								1045928	1045928	
Output (at basic prices)	3075741	105376	366993	627293	13838	4189241			4189241	
Intermediate consumption								2499854	2499854	Generation of income account
Taxes on products			302344			302344			302344	
Subsidies on products			-3187			-3187			-3187	
<b>Gross value added / gross domestic product<sup>1</sup></b>	<b>990651</b>	<b>65844</b>	<b>238325</b>	<b>386492</b>	<b>8075</b>	<b>1689387</b>			<b>1689387</b>	
Consumption of fixed capital										Allocation of primary income account
Net value added / net domestic product										
External balance of goods and services							37510		37510	
Compensation of employees				867527		867527			867527	Secondary distribution of income account
Taxes on production and imports			333956			333956			333956	
taxes on products			302344			302344			302344	
other taxes on production			31612			31612			31612	
Subsidies on production and imports			-18041			-18041			-18041	
subsidies on products			-3187			-3187			-3187	
other subsidies on products			-14854			-14854			-14854	
<b>Gross operating surplus, mixed income</b>	<b>468159</b>	<b>37335</b>	<b>28969</b>	<b>359465</b>	<b>1059</b>	<b>894987</b>			<b>894987</b>	
Net operating, mixed income										
Property income	34847	190191	118065	80035	269	423407	117553		540960	
<b>Gross balance of primary income / gross national income</b>	<b>259969</b>	<b>39800</b>	<b>374728</b>	<b>1288444</b>	<b>1328</b>	<b>1964269</b>			<b>1964269</b>	
Net balance of primary income / net national income										

# NATIONAL ACCOUNTS

Uses										
Accounts	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
Secondary distribution of income account	140403		2988	137415		100830	—	1622	34963	Current taxes on income, wealth, etc
	209513			209513		206907	0		2606	Social contributions
	342541			342541	326		331032	332	10851	Social benefits other than social transfers in kind
	292555		104387	188168	5	33326	97853	35155	21829	Other current transfers
	2044086			2044086	16398	1365989	406608	13716	241375	Gross disposable income
	1797152			1797152	15339	1330030	377639	9115	65029	Net disposable income
Redistribution of income in kind account	236647			236647	15788		220859			Social transfers in kind
	2044086			2044086	610	1602636	185749	13716	241375	Gross adjusted disposable income
	1797152			1797152	−449	1566677	156780	9115	65029	Net adjusted disposable income
Use of disposable income account										Gross disposable income
	59		...	59	...	...	...	59	...	Adjustment for the change in net equity of households
	1709213			1709213	15788	1317110	376315			in non-government pension funds
	1553757			1553757	15788	1317110	220859			Final consumption expenditure
	155456			155456			155456			individual consumption expenditure
	334873			334873	610	48938	30293	13657	241375	collective consumption expenditure
	87939			87939	−449	12979	1324	9056	65029	Gross saving
Use of adjusted disposable income account										Net saving
	1709213			1709213		1553757	155456			Gross adjusted disposable income
	1553757			1553757		1553757				Actual final consumption actual
	155456			155456			155456			individual final consumption actual
	334873			334873	610	48938	30293	13657	241375	collective final consumption
	87939			87939	−449	12979	1324	9056	65029	Gross saving
	−18032		−18032							Net saving
										Current external balance



Table 10.4 continued

<b>Resources</b>									
<b>Transactions and balancing items</b>	<b>Non-financial corporations</b>	<b>Financial corporations</b>	<b>General government</b>	<b>Households</b>	<b>Non-profit institutions serving households</b>	<b>Total economy</b>	<b>Rest of the world</b>	<b>Goods and services (resources)</b>	<b>Accounts</b>
Current taxes on income, wealth, etc			139615			139615	788		140403
Social contributions	10851	271	198065		326	209513			209513
Social benefits other than social transfers in kind				342503		342503	38		342541
Other current transfers	40804	10754	123085	76105	15075	265823	26732		292555
<b>Gross disposable income</b>	<b>241375</b>	<b>13716</b>	<b>406608</b>	<b>1365989</b>	<b>16398</b>	<b>2044086</b>			<b>Redistribution of income in kind account</b>
Net disposable income									
Social transfers in kind				236647		236647			236647
<b>Gross adjusted disposable income</b>									
Net adjusted disposable income									
Gross disposable income	241375	13716	406608	1365989	16398	2044086			2044086
Adjustment for the change in net equity of households in non-government pension funds									
Final consumption expenditure	...	...	...	59	...	59	...		59
individual consumption expenditure								1709213	1709213
collective consumption expenditure								1553757	1553757
<b>Gross saving</b>								155456	155456
Net saving									
Gross adjusted disposable income	241375	13716	185749	1602636	610	2044086			2044086
Actual final consumption									
actual individual final consumption									
actual collective final consumption									
<b>Gross saving</b>									<b>Use of adjusted disposable income account</b>

# NATIONAL ACCOUNTS

Uses										
Accounts	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
Capital account										Capital transfers, receivable
										Capital transfers, payable
	269422			269422	933	32086	36741	5183	194479	Gross fixed capital formation
	-246934			-246934	-1059	-35959	-28969	-4601	-176346	Consumption of fixed capital
	47231			47231	-42	3418	4044	1260	38551	Changes in inventories
	188			188	—	259	-7	-64	—	Acquisitions less disposals of valuables
										Acquisitions less disposals of non-produced non-financial assets
	0		1134	-1134	...	...	-6871	136	5601	Net lending (+), net borrowing (-)
	0		-27795	27795	491	15096	-6527	-6302	25037	
	Financial account									
0			-458	458				458		Monetary gold and SDRs
-89634			-82296	-7338	324	-130478	33854	101519	-12557	Currency and deposits
142888			4761	138127	-1	-1550	—	108699	30979	Securities other than shares
-102177			152324	-254501		708	17138	-272314	-33	Loans
188159			91615	96544	—	2886	75084	2987	15587	Shares and other equity
1027			-40	1067	...	123		52	892	Insurance technical reserves
										Other accounts receivable / payable
626911			-59798	686709	-13	59388	13263	79985	534086	

<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

Table 10.4 continued

<b>Resources</b>									
<b>Transactions and balancing items</b>	<b>Non-financial corporations</b>	<b>Financial corporations</b>	<b>General government</b>	<b>Households</b>	<b>Non-profit institutions serving households</b>	<b>Total economy</b>	<b>Rest of the world</b>	<b>Goods and services (resources)</b>	<b>Accounts</b>
Net saving	65029	9056	1324	12979	-449	87939		87939	<b>Capital account</b>
Current external balance							-18032	-18032	
Capital transfers, receivable	23067	8367	10716	1921	773	44844	0	44844	
Capital transfers, payable	-774	-21811	-13629	...	-1	-36215	-8629	-44844	
Gross fixed capital formation							269422	269422	<b>Financial account</b>
Consumption of fixed capital									
Changes in inventories							47231	47231	
Acquisitions less disposals of valuables							188	188	
Acquisitions less disposals of non-produced non-financial assets									
<b>Net lending (+), net borrowing (-)</b>	<b>25037</b>	<b>-6302</b>	<b>-6527</b>	<b>15096</b>	<b>491</b>	<b>27795</b>	<b>-27795</b>	<b>0</b>	
Statistical discrepancy	27794	-878	-560	0	93	26449	-26449	0	
Monetary gold and SDRs									
Currency and deposits		-144866				-144866	55232	-89634	
Securities other than shares	13376	49086	42279			104741	38147	142888	
Loans	-164518	56618	87612	-82752	-85	-103125	948	-102177	
Shares and other equity	138058	51122				189180	-1021	188159	
Insurance technical reserves		1027				1027	...	1027	
Other accounts receivable / payable	584795	13823	15415	-1267	-3	612763	14148	626911	

## 10.5. 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	147061	221	113072	136	14	345	10100
Mining and quarrying	4730	16011	173717	80902	202	6116	3316
Manufacturing	125020	32716	509216	16716	8251	83007	50480
Electricity, gas, steam and air-conditioning supply	6256	20062	54411	11462	3790	1651	6502
Water supply, sewerage, waste management and remediation	540	390	2799	4451	1986	1608	583
Construction	669	1099	1902	536	237	40199	1015
Wholesale and retail trade; repair of motor vehicles and motorcycles	62773	21240	346613	730	596	3837	76388
Transportation and storage, postal and courier activities	24735	22779	89571	701	596	1613	21134
Accommodation and food service activities	155	214	2228	286	16	369	1853
Information and communication	694	520	6596	1001	418	900	9340
Financial and insurance activities	6704	2139	23266	3675	1231	3161	28518
Real estate activities	9686	710	8847	565	495	1781	37833
Professional, scientific and technical activities	1597	3440	17291	1100	412	3858	22620
Administrative and support service activities	1351	1721	3731	351	504	1041	3762
Public administration and defence, compulsory social security	173	232	1100	527	158	63	583
Education	3	7	27	8	3	3	16
Human health and social work activities	49	151	493	96	50	71	95
Arts, entertainments and recreation	25	33	474	28	14	7	168
Other services	88	106	319	112	85	37	868
<b>Intermediate consumption</b>	<b>392309</b>	<b>123791</b>	<b>1355673</b>	<b>123383</b>	<b>19058</b>	<b>149667</b>	<b>275174</b>
Labour remuneration of employees	35131	34219	132968	32641	8028	20060	101419
Taxes on production and imports	12382	18087	208875	10761	1486	9968	7077
Subsidies on production and imports	-1787	-2393	-302	-6227	-1286	-47	
Gross operating surplus, mixed income	203286	61307	97161	24393	765	17256	168601
<b>Gross domestic product</b>	<b>249012</b>	<b>111220</b>	<b>438702</b>	<b>61568</b>	<b>8993</b>	<b>47237</b>	<b>277097</b>
<b>Output of goods and services</b>	<b>641321</b>	<b>235011</b>	<b>1794375</b>	<b>184951</b>	<b>28051</b>	<b>196904</b>	<b>552271</b>

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

at consumer prices in 2015<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
1574	1162	319		284	26	316	2434	3420	679	33	17	<b>281213</b>
24829	598	63	9	1715	705	361	1577	3344	854	248	175	<b>319472</b>
57423	6287	3684	3844	5474	9567	4130	26123	8222	22484	823	2145	<b>975612</b>
17679	1044	1608	36	12720	1063	1364	4248	9197	3408	880	504	<b>157885</b>
586	126	22	7	1112	143	1412	252	457	339	61	158	<b>17032</b>
1880	113	73	18	3099	1722	717	3247	85	51	26	70	<b>56758</b>
7185	106	11258	7980	1909	2337	1300	687	1999	1017	344	266	<b>548565</b>
25074	74	420	221	485	1316	681	2938	483	271	788	134	<b>194014</b>
852	406	265	73	190	1058	466	1911	281	169	951	90	<b>11833</b>
3720	254	41982	794	1741	5049	1427	4168	2128	1119	633	854	<b>83338</b>
5488	436	1607	22239	4714	4428	1690	1102	994	978	253	372	<b>112995</b>
5183	2100	4142	2672	12835	4014	1804	361	710	940	874	642	<b>96194</b>
2121	278	1583	1638	3329	18950	1789	1002	2361	833	152	170	<b>84524</b>
5511	354	876	633	2930	624	4094		615	494	271	241	<b>29104</b>
469	21	26	22	191	64	75	213	1379	603	238	12	<b>6149</b>
36	1	5	1	4	10	4	32	1007	7	1		<b>1175</b>
562	27	24	5	11	14	14	431	14	2745	40	7	<b>4899</b>
240	82	1598	4	192	166	27	1767	302	58	1424	2132	<b>8741</b>
244	43	72	56	122	79	75		152	107	39	130	<b>2734</b>
<b>160656</b>	<b>13512</b>	<b>69627</b>	<b>40252</b>	<b>53057</b>	<b>51335</b>	<b>21746</b>	<b>52493</b>	<b>37150</b>	<b>37156</b>	<b>8079</b>	<b>8119</b>	<b>2992237</b>
73271	5858	26268	26996	15976	29001	14724	86329	74753	43041	10181	6782	<b>777646</b>
13516	2555	10895	4992	20214	3801	2882	118	2794	1944	836	769	<b>333952</b>
-1484		-966		-982		-1			-160	-2406		<b>-18041</b>
60418	5778	43472	38747	106303	25183	6111	8638	7895	8100	4504	7069	<b>894987</b>
<b>145721</b>	<b>14191</b>	<b>79669</b>	<b>70735</b>	<b>141511</b>	<b>57985</b>	<b>23716</b>	<b>95085</b>	<b>85442</b>	<b>52925</b>	<b>13115</b>	<b>14620</b>	<b>1988544</b>
<b>306377</b>	<b>27703</b>	<b>149296</b>	<b>110987</b>	<b>194568</b>	<b>109320</b>	<b>45462</b>	<b>147578</b>	<b>122592</b>	<b>90081</b>	<b>21194</b>	<b>22739</b>	<b>4980781</b>

NATIONAL ACCOUNTS

Table 10.5 continued

	Final consumption expenditure			Gross fixed capital formation			Exports of goods and services	Imports of goods and services	Total use
	households	NPISHs	general government	gross fixed capital formation	changes in inventories	acquisition less disposal of valuable			
Agriculture, forestry and fishing	181024		2514	2421	23110		185799	-34760	641321
Mining and quarrying	20192		6472		-1919		61155	-170361	235011
Manufacturing	792738	2500	4509	122397	25498	143	567085	-696107	1794375
Electricity, gas, steam and air-conditioning supply	24819		9783				7720	-15256	184951
Water supply, sewerage, waste management and remediation	4981		5750				1124	-836	28051
Construction	1641			132062	594		6216	-367	196904
Wholesale and retail trade; repair of motor vehicles and motorcycles	5040		12				1039	-2385	552271
Transportation and storage, postal and courier activities	37196		7103				118467	-50403	306377
Accommodation and food service activities	26678						3924	-14732	27703
Information and communication	37299		112	4968			53779	-30200	149296
Financial and insurance activities	15784						4715	-22507	110987
Real estate activities	95465	795	429	2516			680	-1511	194568
Professional, scientific and technical activities	2290		7984	4960	-52		21685	-12071	109320
Administrative and support service activities	19712		777				5572	-9703	45462
Public administration and defence, compulsory social security	725		150231				926	-10453	147578
Education	17273	313	103881				120	-170	122592
Human health and social work activities	14375	3617	67960				382	-1152	90081
Arts, entertainments and recreation	8102	145	8776			45	1831	-6446	21194
Other services	11776	8418	22	98			3709	-4018	22739
<b>Total</b>	<b>1317110</b>	<b>15788</b>	<b>376315</b>	<b>269422</b>	<b>47231</b>	<b>188</b>	<b>1045928</b>	<b>-1083438</b>	<b>4980781</b>

**10.6. Gross regional product<sup>1</sup>***(at current prices; mln. UAH)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>1082569</b>	<b>1302079</b>	<b>1459096</b>	<b>1522657</b>	<b>1586915</b>	<b>1988544</b>
Autonomous Republic of Crimea	32426	38220	44536	46393	...	...
<b>oblasts</b>						
Vinnitsya	23589	29099	33024	36191	43990	59871
Volyn	14429	17637	20005	20622	24195	31688
Dnipropetrovsk	116136	140020	147970	152905	176540	215206
Donetsk	128986	161021	170775	164926	119983	115012
Zhytomyr	18743	21928	24849	25676	29815	38425
Zakarpattia	15299	18054	21404	21400	24120	28952
Zaporizhzhya	42736	49525	54828	54352	65968	89061
Ivano-Frankivsk	20446	26752	32286	33196	37643	45854
Kyiv	44953	59154	69663	68931	79561	104030
Kirovohrad	15749	20041	22056	25313	28758	38447
Luhansk	45541	57202	58767	55108	31393	23849
Lviv	41655	52103	61962	63329	72923	94690
Mykolayiv	24055	27633	29205	32030	35408	48195
Odesa	53878	61499	64743	69760	74934	99761
Poltava	44291	52252	56580	58464	69831	95867
Rivne	15882	19302	21795	22004	28724	35252
Sumy	18333	22907	24933	26765	30397	41567
Ternopil	12726	16294	17957	18085	21676	26656
Kharkiv	65293	76866	82223	85315	96596	124843
Kherson	15649	18448	19357	20767	23250	32215
Khmelnyskiy	18096	22843	26237	26426	32162	41088
Cherkasy	22354	27012	31265	33087	38466	50843
Chernivtsi	9892	11969	13166	13757	15049	18506
Chernihiv	17008	21165	23934	24237	28156	36966
<b>cities</b>						
Kyiv	196639	223774	275685	312552	357377	451700
Sevastopol	7785	9359	9891	11066	...	...

<sup>1</sup> Since 2012, here and elsewhere (Tables 10.7–10.9) 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)

**10.7. Share of gross regional product in the general total***(percent)*

	2010	2011	2012	2013	2014	2015
<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>
Autonomous Republic of Crimea	3,0	2,9	3,1	3,0	...	...
<b>oblasts</b>						
Vinnitsya	2,2	2,2	2,3	2,4	2,8	3,0
Volyn	1,3	1,4	1,4	1,4	1,5	1,6
Dnipropetrovsk	10,7	10,8	10,1	10,0	11,1	10,8
Donetsk	11,9	12,4	11,7	10,8	7,6	5,8
Zhytomyr	1,7	1,7	1,7	1,7	1,9	1,9
Zakarpattia	1,4	1,4	1,5	1,4	1,5	1,5
Zaporizhzhya	3,9	3,8	3,8	3,6	4,2	4,5
Ivano-Frankivsk	1,9	2,1	2,2	2,2	2,4	2,3
Kyiv	4,2	4,5	4,8	4,5	5,0	5,2
Kirovohrad	1,5	1,5	1,5	1,7	1,8	1,9
Luhansk	4,2	4,4	4,0	3,6	2,0	1,2
Lviv	3,8	4,0	4,3	4,2	4,6	4,8
Mykolayiv	2,2	2,1	2,0	2,1	2,2	2,4
Odesa	5,0	4,7	4,4	4,6	4,7	5,0
Poltava	4,1	4,0	3,9	3,8	4,4	4,8
Rivne	1,5	1,5	1,5	1,4	1,8	1,8
Sumy	1,7	1,8	1,7	1,8	1,9	2,1
Ternopil	1,2	1,2	1,2	1,2	1,4	1,3
Kharkiv	6,0	5,9	5,6	5,6	6,1	6,3
Kherson	1,4	1,4	1,3	1,4	1,5	1,6
Khmelnyskiy	1,7	1,8	1,8	1,7	2,0	2,1
Cherkasy	2,1	2,1	2,1	2,2	2,4	2,6
Chernivtsi	0,9	0,9	0,9	0,9	0,9	0,9
Chernihiv	1,6	1,6	1,6	1,6	1,8	1,9
<b>cities</b>						
Kyiv	18,2	17,2	18,9	20,5	22,5	22,7
Sevastopol	0,7	0,7	0,7	0,7	...	...



**10.8. Per capita gross regional product***(at current prices; UAH)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>23600</b>	<b>28488</b>	<b>32002</b>	<b>33473</b>	<b>36904</b>	<b>46413</b>
Autonomous Republic of Crimea	16507	19467	22675	23595	...	...
<b>oblasts</b>						
Vinnysya	14332	17768	20253	22303	27249	37270
Volyn	13916	16993	19249	19817	23218	30387
Dnipropetrovsk	34709	42068	44650	46333	53749	65897
Donetsk	28986	36446	38907	37830	27771	26864
Zhytomyr	14616	17184	19551	20286	23678	30698
Zakarpattia	12278	14455	17088	17044	19170	22989
Zaporizhzhya	23657	27567	30656	30526	37251	50609
Ivano-Frankivsk	14814	19386	23379	24022	27232	33170
Kyiv	26140	34420	40483	39988	46058	60109
Kirovohrad	15533	19918	22082	25533	29223	39356
Luhansk	19788	25067	25950	24514	14079	10778
Lviv	16353	20490	24387	24937	28731	37338
Mykolayiv	20276	23402	24838	27355	30357	41501
Odesa	22544	25748	27070	29118	31268	41682
Poltava	29652	35246	38424	39962	48040	66390
Rivne	13785	16735	18860	19003	24762	30350
Sumy	15711	19800	21722	23517	26943	37170
Ternopil	11713	15055	16644	16819	20228	24963
Kharkiv	23639	27966	29972	31128	35328	45816
Kherson	14346	16990	17910	19311	21725	30246
Khmelnyskiy	13602	17260	19920	20165	24662	31660
Cherkasy	17325	21082	24558	26168	30628	40759
Chernivtsi	10939	13228	14529	15154	16552	20338
Chernihiv	15406	19357	22096	22603	26530	35196
<b>cities</b>						
Kyiv	70424	79729	97429	109402	124163	155904
Sevastopol	20455	24564	25872	28765	...	...

**10.9. Volume indices of gross regional product***(at the prices of the previous year; percent)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>104,1</b>	<b>105,2</b>	<b>100,2</b>	<b>100,0</b>	<b>93,4</b>	<b>90,2</b>
Autonomous Republic of Crimea	103,4	102,7	98,8	101,0	...	...
<b>oblasts</b>						
Vinnysya	103,0	107,2	103,7	104,8	104,6	97,1
Volyn	100,2	105,3	104,8	99,3	101,1	95,3
Dnipropetrovsk	105,8	103,4	97,5	99,3	95,1	90,3
Donetsk	111,1	111,4	97,1	94,7	67,1	61,3
Zhytomyr	112,8	102,7	109,4	101,9	103,6	98,1
Zakarpattia	107,7	104,7	103,0	100,6	102,8	93,5
Zaporizhzhya	103,2	102,9	97,8	99,3	100,4	94,7
Ivano-Frankivsk	100,5	106,5	103,3	97,7	97,6	92,0
Kyiv	105,1	111,7	101,9	93,4	99,4	94,0
Kirovohrad	105,7	109,2	100,7	109,5	100,6	91,7
Luhansk	102,3	109,1	99,1	92,2	61,0	47,7
Lviv	102,3	108,7	102,0	98,8	100,9	95,2
Mykolayiv	103,2	102,7	96,1	104,4	98,4	95,3
Odesa	102,4	102,1	96,8	105,7	98,3	95,8
Poltava	109,5	101,8	97,8	94,4	96,0	93,8
Rivne	106,8	104,6	103,3	96,9	102,6	93,4
Sumy	98,9	107,8	101,7	102,7	100,4	96,7
Ternopil	100,4	111,3	109,0	96,6	108,0	93,7
Kharkiv	101,7	104,5	98,4	98,8	97,9	90,9
Kherson	101,8	103,8	100,2	101,1	99,7	98,7
Khmelnyskiy	100,0	108,0	109,0	96,9	102,3	92,2
Cherkasy	105,9	106,4	100,9	100,7	98,9	95,0
Chernivtsi	100,3	104,0	106,1	101,5	98,3	94,7
Chernihiv	100,0	107,8	104,0	95,8	100,5	93,4
<b>cities</b>						
Kyiv	101,4	100,7	101,9	106,4	96,1	93,3
Sevastopol	106,4	103,1	88,4	106,0	...	...

## 11. PRICES

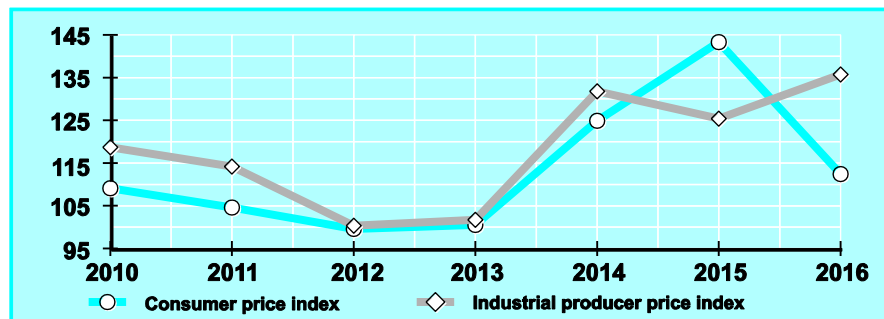
### 11.1. Price indices

(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016
Consumer price index	109,4	108,0	100,6	99,7	112,1	148,7	113,9
Industrial producer price index	120,9	119,0	103,7	99,9	117,1	136,0	120,5
Price index for agricultural products sold by agricultural enterprises	130,0	113,6	106,8	97,1	124,3	154,5	109,0
Price index for construction and assembly operations	115,8	119,4	112,6	105,6	109,5	127,1	109,2

### 11.2. Consumer price indices and industrial producer price indices in 2010–2016

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



### 11.3. Consumer and producer price indices

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

	2010	2011	2012	2013	2014	2015	2016
Consumer price index	109,1	104,6	99,8	100,5	124,9	143,3	112,4
Base consumer price	107,9	106,9	100,8	100,1	122,8	134,7	105,8
Industrial producer price index	118,7	114,2	100,3	101,7	131,8	125,4	135,7
Price index for construction and assembly operations	118,9	118,6	109,0	104,0	115,7	122,7	109,9

## 11.4. Consumer price indices

	Consumer price index	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>112,4</b>	<b>103,3</b>	<b>122,5</b>	<b>105,5</b>	<b>147,2</b>	<b>104,2</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnitsya	110,0	104,1	122,4	86,6	145,4	95,8
Volyn	111,8	104,1	123,7	105,3	144,4	103,5
Dnipropetrovsk	112,7	101,5	123,4	102,8	150,2	104,5
Donetsk	111,6	100,2	121,2	115,0	149,7	106,6
Zhytomyr	112,6	103,4	120,6	112,8	145,3	105,7
Zakarpattia	111,7	103,7	124,3	116,4	136,3	105,4
Zaporizhzhya	112,3	101,7	123,6	99,4	148,8	102,3
Ivano-Frankivsk	110,9	103,6	122,0	106,5	139,3	106,8
Kyiv	112,2	101,7	123,1	109,0	149,9	100,0
Kirovohrad	112,3	102,1	125,2	101,7	147,1	102,0
Luhansk	110,7	103,4	121,0	102,5	140,8	102,0
Lviv	111,9	103,7	121,2	109,9	143,3	109,0
Mykolayiv	112,2	103,5	123,6	106,2	142,5	106,2
Odesa	113,6	103,7	126,1	108,0	147,8	100,8
Poltava	114,2	104,4	125,0	104,5	152,5	104,2
Rivne	112,3	104,0	119,3	105,2	148,6	104,1
Sumy	114,2	105,5	123,2	103,0	153,3	102,9
Ternopil	111,6	102,9	125,1	107,0	144,0	106,7
Kharkiv	114,1	103,4	122,9	102,6	152,3	104,1
Kherson	112,8	106,4	119,1	100,4	143,2	103,1
Khmelnyskiy	111,4	103,3	124,6	104,4	144,9	104,4
Cherkasy	112,7	102,9	124,9	104,5	146,4	100,5
Chernivtsi	111,0	103,5	119,9	111,7	142,6	103,7
Chernihiv	112,8	103,8	126,5	104,5	150,2	104,2
<b>cities</b>						
Kyiv	114,0	104,8	118,4	99,0	154,0	105,6
Sevastopol	...	...	...	...	...	...

PRICES

in 2016, by region

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

which

health care	transport	communi- cations	leisure and culture	education	restaurants and hotels	various goods and services
107,8	111,4	104,0	104,5	113,7	111,0	105,8
...	...	...	...	...	...	...
101,8	113,7	103,1	99,2	118,7	113,3	95,1
106,4	112,9	104,5	100,0	115,2	109,9	106,2
107,7	110,4	104,6	106,9	111,4	107,6	104,8
104,7	111,5	103,7	104,3	112,1	108,9	104,1
105,2	112,7	104,5	107,7	116,1	114,6	107,7
108,9	112,5	102,3	107,9	113,0	108,9	112,1
109,1	108,9	102,9	105,0	111,2	109,4	103,0
107,0	111,4	103,1	109,2	116,3	110,5	110,0
106,7	111,3	102,3	95,9	104,2	104,3	106,6
107,1	109,2	102,2	105,5	116,7	109,1	103,8
110,2	109,3	102,6	103,4	123,4	107,2	104,7
108,6	112,1	103,2	106,3	114,6	115,6	104,9
111,9	113,3	102,7	102,5	116,1	111,9	104,5
111,4	115,6	105,6	107,2	113,4	113,1	107,6
106,9	108,5	105,4	100,1	108,1	106,9	107,5
109,3	114,6	105,3	105,3	115,1	115,8	108,4
105,4	110,5	104,0	102,4	109,9	108,0	101,0
111,3	111,9	103,2	103,3	118,9	109,5	104,1
106,4	110,0	105,3	103,9	113,4	116,8	119,9
106,6	110,0	106,4	104,4	114,8	117,2	103,7
107,6	110,4	103,7	103,6	109,4	111,5	104,4
105,6	112,4	103,6	102,3	113,9	111,7	105,2
106,8	111,7	103,0	102,7	118,2	108,7	104,6
112,7	110,4	105,8	98,5	107,6	113,1	104,9
108,8	110,9	107,3	106,1	116,5	112,5	104,0
...	...	...	...	...	...	...

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

	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
	Dec. over Dec. of the previous year					of the previous year				
<b>Ukraine</b>	<b>109,1</b>	<b>100,5</b>	<b>124,9</b>	<b>143,3</b>	<b>112,4</b>	<b>109,4</b>	<b>99,7</b>	<b>112,1</b>	<b>148,7</b>	<b>113,9</b>
Autonomous Republic of Crimea	109,6	99,5	...	...	...	110,7	98,5	...	...	...
<b>oblasts</b>										
Vinnitsya	107,0	99,7	123,3	138,8	110,0	108,0	98,8	111,1	146,2	110,6
Volyn	108,1	99,7	125,9	143,3	111,8	108,0	99,1	112,2	150,5	113,2
Dnipro-petrovsk	109,3	100,4	125,7	142,6	112,7	109,8	99,6	111,9	149,8	113,5
Donetsk	110,3	101,3	122,0	146,9	111,6	109,9	100,8	111,1	146,1	116,4
Zhytomyr	108,9	99,4	125,2	143,7	112,6	109,3	98,9	111,6	151,1	112,8
Zakarpattia	108,5	99,7	125,7	144,0	111,7	109,0	99,1	111,7	151,0	113,6
Zaporizhzhya	109,7	100,3	125,7	142,1	112,3	110,3	99,4	112,4	148,5	113,7
Ivano-Frankivsk	108,3	100,0	125,0	143,4	110,9	108,3	99,3	111,9	150,4	112,7
Kyiv	107,9	99,9	124,7	144,3	112,2	108,3	99,2	112,7	150,4	113,0
Kirovohrad	108,5	100,1	124,4	141,3	112,3	108,2	98,7	112,0	146,7	113,4
Luhansk	110,5	101,3	125,2	138,8	110,7	109,9	100,3	113,5	143,8	112,3
Lviv	109,7	100,2	126,7	145,2	111,9	110,5	99,1	113,0	152,5	114,1
Mykolayiv	110,0	100,7	124,9	143,5	112,2	110,0	99,8	112,0	149,0	113,4
Odesa	110,5	100,9	127,2	144,6	113,6	111,2	99,9	113,2	151,6	114,9
Poltava	108,4	99,6	123,8	145,0	114,2	109,2	98,9	111,3	149,2	115,2
Rivne	108,3	99,3	127,0	144,9	112,3	108,5	98,8	112,7	151,8	114,0
Sumy	108,9	99,5	124,7	145,5	114,2	109,1	98,7	111,6	150,4	115,3
Ternopil	108,5	99,2	125,4	145,1	111,6	108,1	98,9	111,6	151,7	113,2
Kharkiv	109,0	99,6	125,3	144,2	114,1	109,5	98,8	111,8	149,9	114,7
Kherson	110,6	100,5	124,1	145,8	112,8	109,8	99,5	111,5	150,1	114,3
Khmeln-ytskyi	109,6	100,0	123,7	142,5	111,4	110,2	99,4	111,8	148,5	112,8
Cherkasy	109,0	100,3	124,2	143,8	112,7	108,9	99,3	111,9	149,6	113,5
Chernivtsi	108,2	99,9	123,5	142,0	111,0	108,1	98,9	111,1	148,6	112,5
Chernihiv	109,5	99,4	126,7	145,6	112,8	108,9	98,7	112,7	152,7	114,0
<b>cities</b>										
Kyiv	109,8	101,5	125,8	138,6	114,0	110,0	101,1	112,9	143,9	114,3
Sevastopol	112,8	100,2	...	...	...	112,5	99,3	...	...	...

**11.6. Indices of consumer prices for the basic groups of goods and services***(percent)*

	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
	Dec. over Dec. of the previous year					of the previous year				
Foodstuffs and non-alcoholic beverages	110,6	99,3	124,8	141,5	103,3	110,9	97,8	112,2	145,9	109,0
Foodstuffs	110,7	99,2	124,5	140,1	103,2	110,7	97,6	112,1	144,4	108,5
bread and cereal products	116,5	100,3	135,1	144,6	106,3	112,3	101,1	113,4	160,6	111,1
bread	111,3	102,4	126,4	145,7	107,4	110,2	104,0	111,9	154,8	109,9
pasta	111,0	100,7	125,9	143,6	103,1	107,1	101,9	110,6	154,1	107,2
meat and meat products	104,1	96,9	127,5	122,5	105,0	102,0	98,1	110,9	131,3	107,3
fish and fish products	104,2	96,5	137,2	142,4	102,4	105,1	96,1	117,1	160,2	105,1
milk, cheese and eggs	116,0	106,2	117,2	133,5	113,1	121,9	99,9	110,9	128,5	114,1
oil and fats	108,1	98,0	121,1	141,5	110,3	109,6	99,6	106,5	145,5	113,4
fruits	109,3	82,6	155,9	148,2	93,5	105,1	88,0	124,8	172,4	98,2
vegetables	120,9	105,8	89,4	166,7	71,4	114,5	88,3	104,1	130,8	93,6
sugar	120,3	118,0	122,8	169,8	98,8	157,5	92,3	146,3	136,0	117,8
Non-alcoholic beverages	105,7	101,5	128,9	157,8	103,4	109,1	102,2	112,9	166,1	111,9
Alcoholic beverages, tobacco products	122,1	110,1	125,9	122,7	122,5	125,6	108,4	116,7	133,2	112,6
Clothes and footwear	102,2	96,5	114,5	135,0	105,5	103,7	97,0	102,0	133,1	116,1
clothes	102,3	97,4	112,7	133,2	104,9	103,6	97,8	101,6	131,1	115,0
footwear	102,5	95,2	117,0	137,8	105,8	104,1	95,5	102,6	136,4	117,4
Housing, water, electricity, gas and other types of fuels	113,8	100,3	134,3	203,0	147,2	109,4	100,3	116,2	215,8	135,1
payment for own dwelling (rent)	104,4	102,9	102,1	105,4	111,5	112,6	102,6	101,1	105,0	107,9
water supply	106,4	100,2	147,4	123,0	142,1	112,9	101,1	122,0	138,7	132,4
sewerage	107,1	100,2	169,5	122,5	128,3	116,9	101,0	132,4	146,5	122,0
electricity	100,0	100,0	111,3	166,9	160,0	100,0	100,0	106,6	142,3	162,4
natural gas	150,1	100,0	162,8	373,0	142,0	120,9	100,0	141,9	453,2	124,7
hot water, heating	106,2	99,8	146,9	178,4	188,0	105,6	100,0	109,8	161,1	178,4
Household goods, household appliances and current maintenance of housing	101,2	99,3	127,9	136,0	104,2	103,2	99,7	111,7	145,9	109,4
Health care	105,8	103,0	130,0	129,1	107,8	107,9	102,3	116,5	137,6	111,7
Transport	106,6	101,3	141,6	120,4	111,4	109,6	102,0	124,5	136,8	106,5
fuels and lubricants	113,9	96,4	160,7	112,5	119,5	118,3	100,1	137,0	134,5	106,2
transport services	105,0	105,3	122,2	127,0	105,0	108,1	104,0	114,0	132,2	107,5
rail passenger transport	100,0	112,8	120,4	109,0	102,8	105,3	106,5	116,3	118,7	104,1
road passenger transport	105,8	104,7	121,7	130,6	105,2	108,4	103,8	113,3	134,5	108,0
Communications	91,1	100,7	102,4	107,0	104,0	93,6	101,2	100,9	105,9	103,9
Leisure and culture	102,5	99,7	124,8	137,9	104,5	104,0	99,7	110,7	142,7	112,2
Education	110,3	102,2	104,7	124,2	113,7	113,1	103,4	103,2	117,9	116,5
Restaurants and hotels	107,4	101,4	114,0	123,3	111,0	107,4	101,9	106,7	124,3	113,1
Various goods and services	108,7	102,5	124,5	131,4	105,8	109,2	102,0	111,4	138,6	110,3

**11.7. Industrial producer price indices***(Dec. over Dec. of the previous year; percent)*

	2014	2015	2016
<b>Industry</b>	<b>131,8</b>	<b>125,4</b>	<b>135,7</b>
Mining and quarrying	124,3	117,6	185,1
Mining of coal and lignite	136,1	99,2	140,4
Mining of crude oil and natural gas	115,8	220,3	176,5
Mining of metal ore	119,9	91,1	207,2
Manufacturing	134,3	123,8	122,6
Manufacture of food products, beverages and tobacco products	127,3	136,4	116,2
Manufacture of meat and meat products	131,4	122,4	109,8
Manufacture of dairy products	109,3	130,0	124,5
Manufacture of bread, bakery and flour products	126,4	144,3	107,8
Manufacture of sugar	112,1	169,7	102,8
Manufacture of drinks	115,8	129,6	116,8
Manufacture of textiles, apparel, leather and related products	123,9	126,7	105,1
Manufacture of wood and paper products, and printing	136,4	134,0	107,1
Manufacture of coke, and refined petroleum products	150,1	104,7	161,7
Manufacture of coke and coke products	162,2	110,6	178,4
Manufacture of refined petroleum products	140,9	98,3	143,5
Manufacture of chemicals and chemical products	153,9	124,2	98,6
Manufacture of pharmaceuticals, medicinal chemical and botanical products	126,1	131,5	108,5
Manufacture of rubber and plastics products, and other non-metallic mineral products	124,4	129,6	109,5
Manufacture of basic metals and fabricated metal products, except machinery and equipment	152,7	112,4	141,8
Manufacture of computer, electronic and optical products	121,5	133,3	106,0
Manufacture of electrical equipment	125,7	121,6	106,7
Manufacture of machinery and equipment n.e.c.	114,0	128,2	113,9
Manufacture of transport equipment, trailers and semitrailers and other	109,9	115,5	111,4
Electricity, gas, steam and air-conditioning supply	128,5	133,2	151,5



**11.8. Producer price indices, by selected consumer goods***(Dec. over Dec. of the previous year; percent)*

	2013	2014	2015	2016
Fresh or cooled cattle meat	97,8	127,5	123,5	109,0
Fresh or cooled pork meat	95,2	128,0	116,2	116,0
Fresh or cooled poultry meat	93,3	135,0	124,3	109,4
Boiled sausages, frankfurters, sausages	103,0	128,3	120,1	105,3
Sunflower oil and its fractions, refined but not subjected to chemical modification	92,8	137,2	145,0	109,6
Skimmed milk processed (pasteurized, sterilized, homogenized, clarified, peptized)	113,1	114,3	122,3	118,6
Butter and milk products pasty	117,1	103,0	129,5	141,0
Cheese	119,3	103,0	138,3	119,4
Wheat or wheat-rye flour	91,2	142,6	118,7	111,4
Macaroni, noodles and similar farinaceous products	105,4	132,9	129,7	95,4
Granulated sugar	117,0	112,1	169,7	102,8
Vodka alcohol content of less than 45,4%	103,7	115,5	142,1	121,2
Bed linen	98,4	142,3	135,0	102,2
Shirts, apart from knitted or crocheted, for men and boys	113,4	113,6	148,6	111,1
Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap, miscellaneous special footwear	101,1	122,1	115,2	101,2
Kitchen furniture	101,5	124,2	140,2	104,9

**11.9. Price indices for agricultural products sold by agricultural enterprises***(percent of the previous year)*

	2010	2011	2012	2013	2014	2015	2016
<b>Agricultural production</b>	<b>130,0</b>	<b>113,6</b>	<b>106,8</b>	<b>97,1</b>	<b>124,3</b>	<b>154,5</b>	<b>109,0</b>
<b>Crop output</b>	<b>139,8</b>	<b>115,7</b>	<b>105,6</b>	<b>91,8</b>	<b>129,2</b>	<b>167,2</b>	<b>116,3</b>
Grain and leguminous crops	140,3	121,4	109,1	90,8	132,8	156,6	119,0
Oil crops	142,6	112,2	107,5	90,8	124,9	182,8	114,2
Factory sugar beets	115,4	107,7	82,4	92,1	122,1	160,5	105,9
Potatoes	164,3	95,5	47,6	146,4	112,3	79,9	104,9
Vegetable crops	143,0	90,9	74,1	92,8	137,6	142,7	108,4
Fruit and berry crops	118,0	131,7	92,9	96,0	116,6	163,7	99,1
<b>Livestock product</b>	<b>114,3</b>	<b>109,2</b>	<b>108,0</b>	<b>102,4</b>	<b>119,1</b>	<b>141,3</b>	<b>101,7</b>
Livestock animals	104,2	110,8	111,6	95,4	122,9	138,6	100,4
Milk	155,5	103,4	86,7	125,0	106,5	120,8	126,1
Eggs	116,3	110,2	117,4	104,8	118,6	167,5	83,5

**11.10. Price indices for construction***(percent)*

	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
	Dec. over Dec. of the previous year					of the previous year				
<b>Total</b>	<b>118,9</b>	<b>104,0</b>	<b>115,7</b>	<b>122,7</b>	<b>109,9</b>	<b>115,8</b>	<b>105,6</b>	<b>109,5</b>	<b>127,1</b>	<b>109,2</b>
Buildings	116,5	104,1	113,5	122,9	109,5	114,2	105,7	108,4	125,7	109,1
residential	116,6	104,8	111,1	124,6	108,3	113,5	106,5	106,9	124,2	110,3
non-residential	116,5	103,3	117,1	121,5	110,8	115,0	104,9	110,1	128,2	108,0
Structures engineering	122,7	103,6	120,1	122,0	110,8	118,3	105,6	111,9	129,7	109,2
transport structures	125,3	102,9	120,3	121,9	110,1	119,3	105,2	112,3	130,6	106,6
pipelines, communication and power lines	117,5	105,6	117,8	131,6	111,4	119,6	106,1	109,9	134,2	114,8
complex industrial structures	126,5	103,5	119,1	114,9	110,3	117,9	106,3	111,7	123,0	107,7
other engineering structures	115,4	102,0	127,7	115,4	113,3	113,0	104,4	114,4	131,9	106,0

### 11.11. Tariff indices for post and communication services for enterprises, departments, organisations

(percent)

	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
	Dec. over Dec. of the previous year					of the previous year				
<b>Total</b>	<b>110,8</b>	<b>110,2</b>	<b>102,3</b>	<b>114,2</b>	<b>102,1</b>	<b>107,2</b>	<b>109,2</b>	<b>104,8</b>	<b>108,9</b>	<b>107,1</b>
by type of services										
mail	108,6	100,0	100,0	120,0	100,0	108,6	100,0	100,0	113,3	105,9
local telephone	100,0	107,8	109,7	108,4	102,7	105,4	107,8	107,7	108,5	106,4
inter-city and international telephone	97,7	97,7	100,0	105,1	100,0	99,4	96,9	100,2	104,0	101,1
mobile	114,4	122,8	100,0	116,4	103,1	108,4	119,0	107,3	108,2	108,9

### 11.12. Tariff indices for shipment of cargo by rail

(percent)

	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
	IV Q over IV Q of the previous year					of the previous year				
<b>All cargo</b>	<b>102,1</b>	<b>110,6</b>	<b>113,4</b>	<b>130,5</b>	<b>115,0</b>	<b>102,2</b>	<b>105,6</b>	<b>111,7</b>	<b>137,7</b>	<b>112,1</b>
Coal	100,0	110,2	112,5	130,0	115,0	101,3	105,4	111,1	132,4	115,7
Iron ore	106,3	110,2	112,5	130,0	115,0	104,7	105,4	111,1	137,7	111,2
Mineral and construction	100,0	113,8	112,5	130,1	115,0	102,8	108,0	112,0	137,7	111,3
Ferrous metals	106,3	110,1	112,5	130,0	115,0	104,8	105,3	111,1	137,7	111,3
Oil and dark refined products	...	110,2	112,5	130,0	115,0	...	105,3	111,1	137,7	111,2
Light refined products	...	110,1	112,5	130,0	115,0	...	105,3	111,1	137,7	111,3
Chemical and mineral fertilisers	100,0	110,2	112,5	130,0	115,0	99,2	105,4	111,1	137,7	111,2
Coke	104,7	110,2	112,5	130,0	115,0	105,5	105,3	111,1	137,7	111,2
Chemical <sup>1</sup>	100,0	110,2	112,5	130,0	115,0	100,2	105,3	111,1	137,7	111,2
Grain crops	100,0	110,2	121,0	130,0	115,0	99,0	105,3	115,5	142,4	111,2
Lumber <sup>2</sup>	100,0	110,2	112,5	130,0	115,0	100,9	105,3	111,1	137,7	111,2
Cement	100,0	110,2	112,5	130,0	115,0	100,2	105,4	111,1	137,7	111,2

<sup>1</sup> Paintwork material, glues, oxides, carbohydrates, etc<sup>2</sup> Round, mine timbers, sawnwood, etc

### 11.13. Tariff indices for transportation by pipelines

(percent)

	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
	IV Q over IV Q of the previous year					of the previous year				
<b>All cargo</b>	<b>166,6</b>	<b>97,2</b>	<b>108,3</b>	<b>124,4</b>	<b>98,5</b>	<b>169,9</b>	<b>98,5</b>	<b>100,0</b>	<b>125,5</b>	<b>105,1</b>
Oil	124,8	107,7	100,0	109,5	100,0	123,2	104,6	100,0	106,4	102,9
Gas	171,0	96,9	108,6	125,1	98,4	174,4	98,3	100,0	126,4	105,1

## 12. THE UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE (Business register)<sup>1</sup>

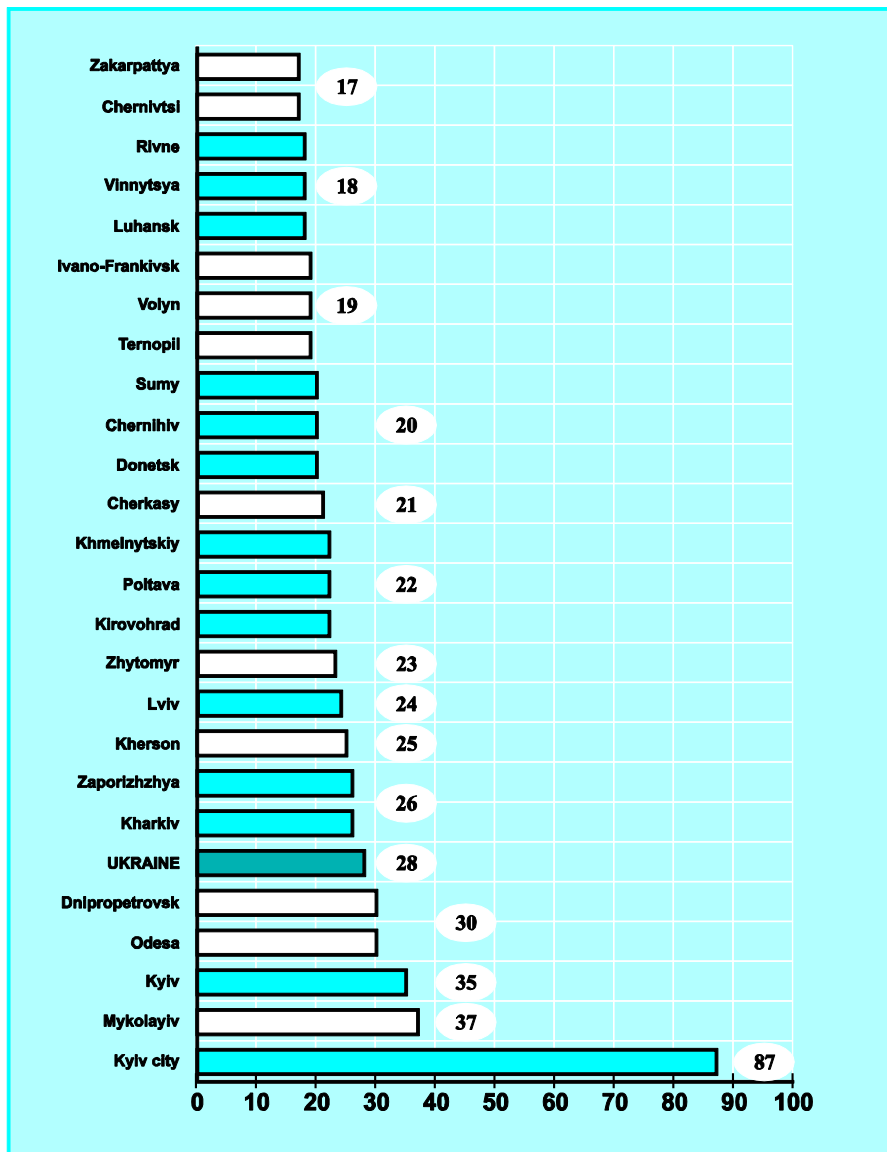
### 12.1. Number of legal persons, by region

(beginning of year)

	2011	2012	2013	2014	2015	2016	2017
<b>Ukraine</b>	<b>1012993</b>	<b>1043595</b>	<b>1067599</b>	<b>1100278</b>	<b>1072945</b>	<b>1121347</b>	<b>1185071</b>
Autonomous Republic of Crimea	37095	38625	39468	40613	...	...	...
<b>oblasts</b>							
Vinnysya	23619	24410	24843	25303	26228	27349	28665
Volyn	16190	16877	17283	17660	18047	18673	19547
Dnipropetrovsk	83229	83776	84557	86514	88795	92438	97722
Donetsk	79834	81698	82788	84609	84009	84073	85281
Zhytomyr	23673	24457	25012	25546	26337	27160	28449
Zakarpattia	18358	18368	18561	18811	19212	19987	20976
Zaporizhzhya	41193	41616	41627	42112	42367	43274	44983
Ivano-Frankivsk	22256	22670	23137	23285	23610	24326	25679
Kyiv	43211	45462	47303	49275	51321	55351	61090
Kirovohrad	19107	19498	19816	20131	20098	20714	21666
Luhansk	37586	38319	39204	40027	39940	39850	40005
Lviv	49432	51139	52567	54010	55389	57750	61506
Mykolayiv	36727	37218	37699	38448	39268	41047	42736
Odesa	60409	61999	63006	64501	66004	68103	72419
Poltava	27904	28558	28925	29189	29358	30147	31227
Rivne	17813	18167	18326	18474	18774	19446	20538
Sumy	19171	19601	19846	20177	20466	21074	21790
Ternopil	17460	18000	18388	18837	18959	19271	20070
Kharkiv	58613	60077	61296	62943	64458	67297	70651
Kherson	22110	22795	22865	23113	23666	24726	26145
Khmelnyskiy	25005	25554	25878	26231	26142	26908	27807
Cherkasy	22696	22856	22992	23635	23638	24739	26232
Chernivtsi	13317	13750	13900	14018	14177	14709	15143
Chernihiv	17566	18039	18384	18735	19152	19786	20556
<b>cities</b>							
Kyiv	165814	175739	185109	198721	213530	233149	254188
Sevastopol	13605	14327	14819	15360	...	...	...

<sup>1</sup> In 2012–2014, according to Ukraine's Law № 2390-VI dated on July 1, 2010, on making changes to Ukraine's Law *On the state registration of legal persons and natural persons-entrepreneurs*, the data from the Unified State Register of Legal and Natural Persons-Entrepreneurs (USR) have been reconciled with data from departmental registers of executive bodies and local authorities. As a result of this work, the Business register data were updated, the number of entities in it decreased due to those that were registered till 2004 and which did not make actions to be included in the USR in accordance with the law

## 12.2. Business of legal persons, by region

*(as of January 1, 2017; per 1000 population)*

**12.3. Number of legal persons, by the organisational forms***(beginning of year)*

	2011	2013	2014	2015	2016	2017
<b>Total legal persons</b>	<b>1012993</b>	<b>1067599</b>	<b>1100278</b>	<b>1072945</b>	<b>1121347</b>	<b>1185071</b>
including						
farm	45070	44672	44778	43137	43743	44409
private enterprise	223159	217934	217209	201917	201788	202352
public enterprise	4750	4519	4395	4042	4019	3982
state-run enterprise	43	38	33	32	33	32
communal enterprise	13024	12714	12512	11464	11438	11677
subsidiary	15173	13863	13552	12539	12336	12266
foreign enterprise	925	854	795	679	676	670
enterprise, public association (religious organisation, trade union)	3680	3628	3616	3247	3288	3313
enterprise founded by consumer partnership	1334	1345	1310	1285	1254	1234
joint-stocks company	21157	17973	17344	15893	15571	15206
of which						
public joint-stock partnership	926	3482	3637	3490	3486	3122
private joint-stock partnership	1326	4440	4476	4215	4149	4348
limited liability company	374752	420817	448537	453931	488205	532401
extended liability company	655	1249	1298	1311	1336	1392
full liability company	1483	1444	1442	1337	1361	1378
mixed liability company	419	421	417	384	387	384
cooperative	29275	28435	28649	24868	25763	26460
of which						
production	2149	2141	2348	2331	2321	2306
serve	20507	19332	19344	16660	17439	18169
consumer	659	770	808	725	730	748
agriculture and production	1297	1166	1137	1009	998	997
agriculture and serve	808	917	1006	899	949	1017
organisation (establishment, institution)	104941	106936	105959	101777	102218	101277
of which						
state-run (establishment, institution)	14615	15391	13863	12697	12629	11322

## UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

Table 12.3 continued

	2011	2013	2014	2015	2016	2017
communal (establishment, institution)	62614	63026	63695	61824	61940	62167
private (establishment, institution)	880	932	960	942	955	998
organisation (establishment, institution) public association	1396	1542	1571	1592	1602	1581
association	2172	2246	2290	2203	2260	2331
corporation	637	618	604	565	560	564
consortium	62	65	66	64	66	69
concern	238	216	210	193	195	195
union of consumer partnerships	352	328	343	328	322	323
other associations of legal persons	1015	875	833	763	756	767
commodity exchange	575	585	589	580	595	613
credit union	1141	1139	1156	1090	1090	1090
consumer partnership	4488	4343	4467	4333	4337	4400
not state pension fund	80	75	74	72	72	72
political party	15038	15186	15172	14491	15557	15817
non-profit organisation	55113	61957	64678	64175	70321	75988
public union	151	200	334	511	753	990
religious organisation	20370	21837	22601	22219	23261	24072
trade union, association of trade unions	23081	25702	26580	25824	26321	26899
creative union (other professional organisation)	248	265	285	267	279	292
charitable organisation	10143	11339	12297	13399	15384	16837
condominium	11635	14697	15892	15689	17109	26080
community association						
population	1188	1404	1481	1353	1415	1497
<b>Separate units of legal persons (reference)</b>	<b>38932</b>	<b>37142</b>	<b>38064</b>	<b>36680</b>	<b>38932</b>	<b>44982</b>
including						
branch (other separate unit)	34977	32845	33671	32433	34278	40636
representative office	3955	4297	4393	4247	4267	4346

**12.4. Number of legal persons, by type of economic activity***(beginning of year)*

	<b>2017</b>
<b>Total legal persons</b>	<b>1185071</b>
Agriculture, forestry and fishing	62293
Mining and quarrying	3272
Manufacturing	59261
Electricity, gas, steam and air-conditioning supply	3155
Water supply, sewerage, waste management and remediation	5889
Construction	53083
Wholesale and retail trade; repair of motor vehicles and motorcycles	187925
Transportation and storage, postal and courier activities	24318
Accommodation and food service activities	13047
Information and communication	23249
Financial and insurance activities	8024
Real estate activities	44951
Professional, scientific and technical activities	53816
Administration and support service activities	64383
Public administration and defence, compulsory social security	41429
Education	38730
Human health and social work activities	24374
Art, entertainment and recreation	10295
Other services	106617



## 13. INDUSTRY

### 13.1. Industrial production indices, by type of activity<sup>1</sup>

(percent of the previous year)

	2011	2012	2013	2014	2015	2016
<b>Industry</b>	<b>108,0</b>	<b>99,5</b>	<b>95,7</b>	<b>89,9</b>	<b>87,0</b>	<b>102,8</b>
Mining and manufacturing	108,8	99,1	95,3	89,3	86,9	102,9
Mining and quarrying	106,8	101,9	100,6	86,3	85,8	99,8
Manufacturing	109,6	98,0	92,9	90,7	87,4	104,3
including						
Manufacture of food products, beverages and tobacco products	102,9	101,0	94,9	102,5	89,3	104,4
Manufacture of textiles, apparel, leather and related products	107,6	93,4	94,2	98,6	92,0	102,2
Manufacture of wood and paper products, and printing	107,0	100,9	102,5	96,0	88,9	102,0
Manufacture of coke, and refined petroleum products	96,4	81,6	89,2	78,7	80,9	108,7
Manufacture of chemicals and chemical products	123,7	96,2	83,1	85,8	84,8	101,1
Manufacture of pharmaceuticals, medicinal chemical and botanical products	98,6	107,2	111,8	101,9	92,4	104,4
Manufacture of rubber and plastics products, and other non-metallic mineral products	113,4	94,0	97,6	91,2	92,8	108,5
Manufacture of basic metals and fabricated metal products, except machinery and equipment	111,0	96,4	94,7	85,5	83,9	106,8
Machine-building, except to repair and installation of machinery and equipment	115,9	96,7	86,8	79,4	85,9	102,0
Electricity, gas, steam and air-conditioning supply	103,6	102,0	98,6	93,4	88,0	102,5

<sup>1</sup> Index of industrial production is compiled according to international standards. The base formula for compilation is the Laspeyres volume index. The compilation is based on data on movements of production of fixed set of representative goods and structure of gross value added for the base year. 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)

**13.2. Industrial production indices, by region<sup>1</sup>***(percent of the previous year)*

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>112,0</b>	<b>108,0</b>	<b>99,5</b>	<b>95,7</b>	<b>89,9</b>	<b>87,0</b>	<b>102,8</b>
Autonomous Republic of Crimea	110,5	104,3	98,7	100,8	...	...	...
<b>oblasts</b>							
Vinnitsya	106,5	100,0	107,1	110,4	105,4	104,0	105,3
Volyn	126,7	112,6	94,5	102,9	103,2	98,6	100,2
Dnipropetrovsk	116,1	105,4	102,2	98,5	92,5	92,1	99,3
Donetsk	114,7	113,6	94,6	93,6	68,5	65,4	106,4
Zhytomyr	108,2	125,3	116,6	113,4	107,1	110,0	105,7
Zakarpattia	142,9	101,8	101,4	96,9	106,1	79,7	105,9
Zaporizhzhya	107,8	106,3	96,8	97,1	96,8	95,3	96,9
Ivano-Frankivsk	100,2	125,7	101,2	95,3	98,9	89,1	95,5
Kyiv	108,0	110,6	96,8	99,1	101,6	93,0	106,2
Kirovohrad	113,3	111,0	107,5	106,6	100,8	82,9	120,3
Luhansk	107,1	115,8	92,5	91,1	58,0	34,0	139,0
Lviv	100,9	112,8	101,6	101,2	97,2	98,5	99,3
Mykolayiv	110,3	104,2	99,5	96,5	101,4	91,1	110,5
Odesa	102,9	83,6	96,9	100,6	99,7	96,1	109,2
Poltava	112,6	99,6	100,0	94,7	92,9	96,2	100,1
Rivne	129,6	107,6	96,7	91,4	103,7	100,3	98,1
Sumy	93,5	107,7	95,6	107,0	88,1	98,4	91,2
Ternopil	102,5	112,4	102,1	99,5	116,5	92,1	110,3
Kharkiv	105,8	105,5	97,6	94,5	94,8	88,2	105,8
Kherson	100,5	93,1	104,7	92,4	96,4	98,1	102,0
Khmelnyskiy	104,9	109,2	101,2	97,6	97,8	95,7	104,7
Cherkasy	117,1	103,4	94,9	95,2	94,7	90,8	106,3
Chernivtsi	111,9	89,6	86,8	103,7	92,9	98,3	96,9
Chernihiv	99,8	98,0	98,1	89,6	97,2	91,2	105,8
<b>cities</b>							
Kyiv	104,1	102,0	95,9	89,9	85,9	94,6	104,4
Sevastopol	114,4	110,4	95,0	112,7	...	...	...

<sup>1</sup> Prior to 2013 by region index was produced according to the *Classification of Types of Economic Activity* (State Classifier 009:2005) which is harmonized with the *Classification of Types of Economic Activity* of the European Union (NACE, Rev.1.1)

**13.3. Usage of fuel<sup>1</sup>***(mln.t)*

	2010	2011	2012	2013	2014	2015	2016
Coal	67,8	72,5	73,3	71,3	53,9	45,3	53,4
Natural gas, bln.cub.m	55,9	57,4	53,5	49,7	38,6	32,8	31,9
Crude oil (including gas condensate)	11,3	9,3	4,8	3,9	2,8	2,7	... <sup>2</sup>
Gasoline <sup>3</sup>	4,6	4,4	4,2	4,0	3,1	2,4	2,1
Gas oil (diesel fuel) <sup>3</sup>	5,7	6,1	6,3	6,2	5,4	4,8	4,6
Heavy fuel oil	0,8	0,9	0,3	0,2	0,1	0,4	0,7

<sup>1</sup> These are data from enterprises, organisations and establishments on the uses of fuels for production and operating and municipal demands, including of volumes products sold to the households and retails by filling stations

<sup>2</sup> Data are not published in order to ensure compliance with the requirements of the Law of Ukraine *On the State Statistics* regarding confidentiality of statistical information

<sup>3</sup> Including of volumes of retails by filling stations

**13.4. Usage of selected types of fuel in 2016, by region<sup>1</sup>**

	Coal, thsd.t	Natural gas, mln.cub.m	Gasoline <sup>2</sup> , thsd.t	Gas oil (diesel fuel) <sup>2</sup> , thsd.t	Heavy fuel oil, thsd.t
<b>Ukraine</b>	<b>53362,6</b>	<b>31945,6</b>	<b>2146,1</b>	<b>4634,3</b>	<b>728,5</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnitsya	2237,3	1002,1	70,5	203,7	7,1
Volyn	33,6	503,8	42,4	143,1	1,1
Dnipropetrovsk	9923,4	4081,3	191,2	424,2	3,4
Donetsk	21281,5	1737,2	60,6	191,7	23,4
Zhytomyr	19,5	607,5	65,0	173,7	3,1
Zakarpattia	8,2	491,5	77,0	123,9	0,3
Zaporizhzhya	4357,2	1236,0	114,1	219,3	8,3
Ivano-Frankivsk	4898,0	905,4	60,7	121,0	0,7
Kyiv	1477,5	1578,2	158,1	290,0	174,3
Kirovohrad	235,0	460,0	54,1	150,9	2,7
Luhansk	3559,2	293,8	20,4	62,7	2,5
Lviv	1284,9	1912,2	135,1	299,7	20,4
Mykolayiv	206,4	1014,0	58,9	188,7	0,7
Odesa	43,0	1568,5	165,1	294,4	45,3
Poltava	23,3	2275,3	86,1	307,6	203,1
Rivne	21,7	458,2	51,4	111,0	0,1
Sumy	98,2	1059,1	50,0	93,8	0,0
Ternopil	8,8	654,0	44,9	106,2	0,0
Kharkiv	1712,4	2659,0	115,2	259,6	108,3
Kherson	36,4	435,1	61,8	115,2	1,0
Khmelnyskiy	367,5	755,4	62,9	161,4	8,4
Cherkasy	486,3	2197,6	87,7	164,9	0,6
Chernivtsi	21,6	372,1	43,1	81,3	0,3
Chernihiv	525,3	631,3	43,3	86,8	1,0
<b>cities</b>					
Kyiv	496,7	3056,9	226,5	259,6	112,5
Sevastopol	...	...	...	...	...

<sup>1</sup> See the first footnote to Table 13.3<sup>2</sup> See the third footnote to Table 13.3

**13.5. Output of industrial products, by type of activity<sup>1</sup>**

	2013	2014	2015	2016
<b>Mining and quarrying</b>				
Coal of hard, mln.t	64,4	45,9	30,2	31,6
Crude oil, including oil obtained from bituminous minerals, mln.t	2,2	2,0	1,8	1,6
Gas condensate natural, supplied from natural gas field, mln.t	0,9	0,7	0,7	0,6
Natural gas, liquified or gaseous, bln.cub.m	21,3	20,1	19,9	20,1
Non-agglomerated iron ores, mln.t	185	184	175	168
Non-agglomerated iron concentrates, mln.t	70,4	68,3	66,9	62,9
Agglomerated iron concentrates, mln.t	67,6	60,2	55,2	56,7
Salt (including denatured salt but excluding salt suitable for human consumption) and pure sodium chloride, whether or not in aqueous solution or containing added anti-caking or free-flowing agents, mln.t	5,8	2,5	2,1	1,8
<b>Manufacture of food products, beverages and tobacco products</b>				
Meat of bovine animals, fresh or chilled, thsd.t	62,8	55,9	50,7	60,9
Meat of bovine animals, frozen, thsd.t	25,4	17,4	20,7	15,2
Meat of swine, fresh or chilled, thsd.t	222	257	255	264
Meat of swine, frozen, thsd.t	10,6	14,5	15,7	12,2
Meat of poultry, fresh or chilled, thsd.t	778	710	713	753
Meat of poultry, frozen, thsd.t	139	159	181	248
Sausages, thsd.t	294	267	236	239
Prepared or preserved poultry meat, thsd.t	2,7	3,6	5,0	3,5
Prepared or preserved meat of swine, thsd.t	2,0	2,5	2,2	2,8
Prepared or preserved meat or offal of bovine animals (excluding sausages and similar products, homogenised preparations, preparations of liver and prepared meals and dishes), thsd.t	3,8	7,0	9,5	5,8
Fruit and vegetable juices (except for mixtures), thsd.t	463	440	264	243
Blended fruit and vegetable juices, thsd.t	286	246	201	203
Natural canned vegetables, thsd.t	118	144	145	143
Jams, fruit jellies, fruit or nut purées and pastes, thsd.t	66,5	59,1	47,1	51,0
Crude sunflower-seed and sunflower oil and their fractions (excluding chemically modified), thsd.t	3403	4400	3716	4412
Margarine and similar edible fats, thsd.t	283	271	192	187
Processed liquid milk (pasteurized, sterilized, homogenized, clarified, peptized), thsd.t	972	1117	972	961
Milk and cream fat content more than 6%, not concentrated nor containing added sugar, thsd.t	51,5	68,2	61,8	64,5
Milk and cream in powder, thsd.t	53,8	66,7	60,9	59,1
Butter, thsd.t	94,3	114	102	103
Unripened or uncured cheese (fresh cheese) (including whey cheese and curd), thsd.t	83,7	74,7	67,8	70,1

Table 13.5 continued

	2013	2014	2015	2016
Rennet and processed cheese, thsd.t	165	130	124	113
Yoghurt and other fermented or acidified milk or cream, thsd.t	522	473	426	426
Flour, thsd.t	2565	2358	2211	2085
Cereals, thsd.t	367	350	358	373
Bread and bakery products, short storage, thsd.t	1561	1357	1232	1160
Macaroni, noodles and similar farinaceous products, thsd.t	102	103	89,5	85,3
Granulated white beet sugar, thsd.t	1262	2053	1459	1997
Chocolate and food preparations containing cocoa (except sweetened cocoa powder), packing mass less than 2 kg, thsd.t	331	235	183	171
Sugar confectionery (including white chocolate), not containing cocoa, thsd.t	202	186	190	182
Spreads and fat mixtures that contain the weight part of total fat from 50% to 85% including milk fat in fat phase no less than 25%, thsd.t	53,9	52,5	36,3	29,0
Cognacs, brandy, mln.dal	4,5	2,6	3,0	2,8
Vodka of an alcoholic strength by volume of less than 45,4%, mln.dal	28,0	21,5	18,6	16,6
Spirits, liqueurs and other spirituous beverages (excluding spirits distilled from grape wine, grape marc or fruit/whisky, rum, tafia, gin and geneva, spirits distilled from fruit) <sup>2</sup> , mln.dal	11,5	10,4	8,7	5,3
Sparkling wine <i>Champagne of Ukraine</i> , mln.dal	3,1	2,6	3,2	3,0
Grape wine, mln.dal	11,7	7,2	8,0	9,0
Beer made from malt excluding non-alcoholic beer, beer containing of less than 0,5% by volume of alcohol, mln.dal	274	242	195	181
Non-alcoholic beer and beer containing of less than 0,5% by volume of alcohol, mln.dal	4,5	3,3	2,5	2,6
Natural mineral spring waters, mln.dal	40,4	36,0	36,0	43,5
Natural mineral aerated waters, mln.dal	88,6	82,6	72,8	73,0
Soft drinks, mln.dal	126	116	110	118
Cigarettes with tobacco or tobacco mixtures with tobacco substitutes, bln.pcs	86,1	86,0	92,9	98,2
<b>Manufacture of textiles, apparel, leather and related products</b>				
Textiles, mln.sq.m	93,6	81,8	86,3	91,0
of which				
wool	6,8	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>
cotton	21,2	8,3	8,2	7,9
strands of synthetic and artificial complex with synthetic fibers and man-made staple	60,6	64,7	70,7	75,7
fleece, terry and other special textiles	5,0	... <sup>3</sup>	... <sup>3</sup>	... <sup>3</sup>

Table 13.5 continued

	2013	2014	2015	2016
Women's or girls' suits and ensembles, of knitted or crocheted textiles, thsd.pcs	572	498	103	165
Women's or girls' dresses, of knitted or crocheted textiles, thsd.pcs	1086	1178	1287	1540
Men's or boys' overcoats, car coats, cloaks, capes and other, thsd.pcs	342	286	318	329
Men's or boys' suits and ensembles of textile fabrics, not knitted or crocheted, thsd.pcs	418	317	347	437
Women's or girls' overcoats and cloaks, thsd.pcs	1337	1142	925	938
Women's or girls' suits and ensembles of textile fabrics, not knitted or crocheted, thsd.pcs	198	148	197	207
Women's or girls' dresses (excluding knitted or crocheted), thsd.pcs	1579	1451	1183	1484
Knitted underwear, mln.pcs	29,0	20,1	13,9	13,2
Tracksuits, ski-suits, swimwear and other garments, knitted or crocheted, thsd.pcs	707	912	915	930
Panty hose and tights, of knitted or crocheted synthetic fibres, measuring per single yarn < 67 decitex, mln. pairs	17,7	22,1	31,9	25,8
Knitted or crocheted hosiery and footwear (including socks), mln. pairs	41,1	36,6	48,2	50,7
Jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted, mln.pcs	1,2	1,0	1,0	1,0
Footwear, mln. pairs	30,5	27,5	23,6	24,1
<b>Manufacture of wood and manufacture of products of wood and cork, except furniture</b>				
Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness more than 6 mm; railway or tramway sleepers of wood not impregnated, mln.cub.m	1,8	1,8	1,9	2,2
Plywood, veneered panels and similar laminated wood, thsd.cub.m	179	191	186	181
Particle boards and similar boards of wood or other ligneous materials, unworked or sanded, mln.cub.m	1,4	1,3	1,3	1,3
Windows, french windows and their frames, of wood, mln.pcs	1,3	1,0	1,0	0,9
Doors and their frames and thresholds, of wood, mln.pcs	1,5	1,2	1,1	0,9
<b>Manufacture of paper and paper products, and printing</b>				
Paper and cardboard for graphical work, uncoated, mass part of mechanical fibers is 10% and less, density is not less than 40, but no more than 150 g/m <sup>2</sup> , batched up, thsd.t	13,7	8,7	3,5	2,8
Paper for toilet or facial tissue stock, towel or napkin stock, cellulose wadding and webs of cellulose fibres, thsd.t	146	147	135	135
Sulphite wrapping paper and other uncoated paper (other than that of a kind used for writing, printing or other graphic purposes), thsd.t	533	480	423	429
Cartons, boxes and cases, of corrugated paper or paperboard, thsd.t	493	464	395	430
Exercise books, of paper or paperboard, thsd.t	14,6	10,5	10,1	10,0
Wallpaper and similar wall coverings; window transparencies of paper, thsd.t	119	117	56,9	45,0

Table 13.5 continued

	2013	2014	2015	2016
<b>Manufacture of coke, and refined petroleum products</b>				
Coke-oven coke of coking coal; gas coke, mln.t	17,6	13,9	11,6	12,7
Petrol for motor vehicles with 0,013 g/l of lead content and less, mln.t	1,0	0,7	... <sup>3</sup>	... <sup>3</sup>
Diesel fuel for motor vehicles and rail, mln.t	1,0	0,8	... <sup>3</sup>	... <sup>3</sup>
Heavy fuel oil, mln.t	0,7	0,5	0,1	0,1
<b>Manufacture of chemicals and chemical products</b>				
Sulphuric acid; oleum, mln.t H <sub>2</sub> SO <sub>4</sub>	0,9	0,6	0,5	0,5
Anhydrous ammonia, mln.t N	3,5	2,4	2,2	1,7
Urea, mln.t N	1,4	1,0	1,0	0,9
Ammonium nitrate (excluding in tablets or similar forms or in packages of a weight of less or equal 10 kg), mln.t N	0,8	0,5	0,4	0,5
Polymers of ethylene, in primary forms, thsd.t	13,2	1,9	2,7	4,7
Polymers of vinyl chloride or of other halogenated olefins, in primary forms, thsd.t	88,6	61,7	46,4	60,0
Urea resins, thiourea resins and melamine resins, in primary forms, thsd.t	153	157	129	88,2
Paints and varnishes based on polyesters, acrylic or vinyl polymers, in a non-aqueous medium; solutions, thsd.t	92,8	79,6	57,2	65,6
Soap and organic surface-active products in bars, etc., n.e.c., thsd.t	13,9	13,8	10,7	12,9
Shaving preparations; personal deodorants and antiperspirants; bath preparations; other perfumery, cosmetic or toilet preparations n.e.c., thsd.t	69,0	83,6	57,5	53,6
<b>Manufacture of basic pharmaceutical products and pharmaceutical preparations</b>				
Medicaments, containing penicillins or other antibiotics, t	1100	1332	1270	1234
Medicaments, containing hormones, but not antibiotics, t	130	187	118	131
Medicaments, containing alkaloids or derivatives thereof, but not hormones or antibiotics, thsd.t	49,7	46,8	43,8	48,5
<b>Manufacture of rubber and plastics products</b>				
New pneumatic tyres, of rubber, of a kind used on buses, lorries or aircraft, thsd.pcs	95,4	86,4	78,5	... <sup>3</sup>
Agrarian tyres; other new pneumatic tyres, of rubber, thsd.pcs	181	213	134	... <sup>3</sup>
Plates, sheets, film, foil and strip, of plastics, not supported or similarly combined with other materials, thsd.t	223	184	173	173
Linoleum, floor coverings consisting of a coating or covering applied on a textile backing (excluding sheets and plates of linoleum compounds), mln.sq.m	16,9	14,4	... <sup>3</sup>	... <sup>3</sup>

Table 13.5 continued

	2013	2014	2015	2016
<b>Manufacture of other non-metallic mineral products</b>				
Ceramic tiles and slabs, mln.sq.m	57,3	50,6	44,7	45,4
Non-refractory clay building bricks (excluding of siliceous fossil meals or earths), mln.cub.m	2,2	2,2	2,2	2,2
Portland cement, aluminous cement, slag cement and similar hydraulic cements, mln.t	9,9	8,6	8,5	9,0
Quicklime, mln.t	3,7	2,8	2,5	2,5
Slaked lime, mln.t	0,2	0,3	0,2	0,3
Blocks and bricks of cement, artificial stone or concrete meant for building, mln.t	3,0	3,0	3,4	3,6
Prefabricated structural components for building, of cement, concrete or artificial stone, mln.t	4,7	3,9	4,4	4,9
Ready-mixed concrete, mln.t	15,5	12,3	12,5	15,7
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	358	202	133	147
Articles of asphalt or of similar materials, e.g. petroleum bitumen or coal tar pitch, in rolls, mln.sq.m	32,5	27,0	27,8	31,8
<b>Manufacture of basic metals</b>				
Pig iron and spiegeleisen in pigs, blocks or other primary forms, mln.t	29,1	24,8	21,9	23,6
Ferro-manganese, thsd.t	88,6	104	100	184
Ferro-silicon, thsd.t	191	168	115	127
Ferro-silico-manganese, thsd.t	725	961	750	877
Other ferro alloys n.e.c., thsd.t	137	129	114	106
Steel without semi-finished products produced through continuous casting, mln.t	15,1	12,7	11,2	11,2
Semi-finished products produced through continuous casting, mln.t	18,1	14,7	11,9	13,2
Finished rolled ferrous metals, mln.t	17,8	14,3	12,1	13,3
Tubes and pipes, hollow profiles, of steel, mln.t	1,8	1,6	1,0	1,0
<b>Machine-building</b>				
Television receivers, whether or not combined with radio-broadcast receivers or sound or video recording or reproduction apparatus, thsd.pcs	319	438	... <sup>3</sup>	... <sup>3</sup>
Motors of an output less or equal 37,5 W; other DC motors; DC generators, thsd.pcs	41,9	30,8	18,2	16,6
AC motors, single-phase, thsd.pcs	106	97,1	71,6	70,5
Multi-phase AC motors of an output no more 750 W, thsd.pcs	78,0	71,2	127	146
AC motors, multi-phase, of an output more 750 W but no more 75 kW, thsd.pcs	35,5	24,8	30,6	39,5
Fuses for a voltage more 1 kV, thsd.pcs	180	... <sup>3</sup>	143	... <sup>3</sup>
High-voltage switching apparatus and other electrical circuits for the voltage more 1 kV, thsd.pcs	150	30,4	20,4	31,1
Fuses for a voltage no more 1 kV and for a current more 63 A, mln.pcs	2,5	1,6	1,2	0,2



Table 13.5 continued

	2013	2014	2015	2016
Automatic circuit breakers for a voltage no more 1 kV and for a current no more 63 A, mln.pcs	1,9	1,5	1,2	2,8
Relays and contactors for a voltage more 60 V but no more 1 kV, mln.pcs	3,5	3,2	3,2	3,8
Electric lamps, mln.pcs	168	160	130	115
Washing machines and machines for drying clothes, everyday, thsd.pcs	225	220	270	356
Submersible motor, single-stage rotodynamic drainage and sewage pumps, thsd.pcs	67,2	57,0	68,4	68,3
Submersible motor, multi-stage rotodynamic pumps, thsd.pcs	126	122	115	124
Bridge cranes on fixed bearing, pcs	133	101	78	56
Transporter cranes, gantry cranes and bridge cranes, pcs	136	112	59	107
Pneumatic and other continuous action elevators and conveyors, for goods or materials, pcs	4149	4950	3682	4961
Tractors for agricultural and forestry, pcs	4273	4121	4206	4884
Scarifiers and cultivators, pcs	4358	3739	3440	3744
Disc harrows, pcs	1975	2044	2252	2839
Harrows (excluding disc harrows), pcs	7769	7881	5815	8745
Seeds machines, pcs	3589	3023	3511	4352
Mowers (including cutter bars for tractor mounting), pcs	2724	2945	2786	3878
Combine harvester-threshers, pcs	68	... <sup>3</sup>	100	154
Machinery for preparing animal feedstuffs, thsd.pcs	102	98,7	63,2	75,6
Lathes for removing, drilling, boring or milling, pcs	117	66	38	39
Forging or die-stamping machines and hammers; hydraulic presses and presses for working metal, pcs	11	7	8	6
Machine tools for working wood, cork, bone, hard rubber, similar hard materials, pcs	1307	1024	1207	1223
Excavating machine, pcs	48	... <sup>3</sup>	32	46
Concrete mixers and mortar mixers, pcs	7009	5989	4847	5902
Motor cars, thsd.pcs	45,8	25,9	... <sup>3</sup>	... <sup>3</sup>
Trucks, thsd.pcs	2,0	1,2	1,4	0,4
Motor vehicles to transport 10 persons and more, thsd.pcs	2,6	1,0	1,0	0,6
Bicycles and other cycles (including delivery tricycles), nonmotorised, thsd.pcs	106	103	112	128
<b>Electricity, gas, steam and air-conditioning supply</b>				
Electricity, bln.kW·h	194	183	164	165

<sup>1</sup> Here and elsewhere (Tables 13.6–13.14) information is presented according to the *Nomenclature of Industrial Product* (NIP), which is harmonized with the *EU Statistical Classification of Products by Type of Economic Activity* (CPA 2008) and based on the *List of products for the European production statistics* (PRODCOM)

<sup>2</sup> Including light alcoholic beverages

<sup>3</sup> See the second footnote to Table 13.3

## 13.6. Output of sausages, by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>283,1</b>	<b>292,0</b>	<b>294,4</b>	<b>294,2</b>	<b>267,0</b>	<b>236,0</b>	<b>238,9</b>
Autonomous Republic of Crimea	20,4	20,5	18,3	14,6	...	...	...
<b>oblasts</b>							
Vinnysya	4,9	5,1	5,6	6,0	5,6	5,6	5,9
Volyn	14,8	16,1	15,9	13,6	13,3	10,6	9,0
Dnipropetrovsk	44,0	46,6	47,2	52,3	53,2	55,5	57,9
Donetsk	37,6	43,9	45,7	47,8	34,7	27,1	38,8
Zhytomyr	8,4	8,3	10,1	10,7	16,0	17,0	17,3
Zakarpattia	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	0,6	0,7	1,0
Zaporizhzhya	11,5	9,9	10,0	11,2	13,2	12,9	12,1
Ivano-Frankivsk	2,4	1,9	1,9	1,6	1,3	1,7	1,3
Kyiv	10,1	8,7	7,9	6,4	6,5	6,0	5,8
Kirovohrad	18,8	21,2	21,1	20,8	21,6	20,2	17,7
Luhansk	17,3	18,0	18,6	18,1	8,3	... <sup>1</sup>	... <sup>1</sup>
Lviv	5,1	5,1	5,2	6,2	7,1	6,4	6,6
Mykolayiv	2,4	1,5	1,0	0,9	1,1	1,3	1,2
Odesa	7,7	7,4	7,3	7,4	6,9	5,6	4,7
Poltava	32,7	36,8	38,5	38,7	41,2	36,9	33,8
Rivne	2,9	1,6	1,3	1,1	0,9	0,7	0,7
Sumy	1,2	1,2	1,2	1,2	1,3	1,3	1,1
Ternopil	1,2	1,3	1,0	1,0	0,8	0,6	0,6
Kharkiv	20,0	18,1	17,4	18,0	18,7	15,2	14,3
Kherson	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	0,1	... <sup>1</sup>	... <sup>1</sup>
Khmelnyskiy	6,0	6,4	6,4	6,8	7,0	4,1	3,7
Cherkasy	2,2	2,0	2,0	1,9	1,7	1,9	1,5
Chernivtsi	6,5	6,4	6,3	4,5	3,5	2,4	1,8
Chernihiv	1,6	1,2	1,2	1,3	1,3	1,3	1,3
<b>cities</b>							
Kyiv	1,4	1,0	0,9	0,5	1,1	1,1	0,6
Sevastopol	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	...	...	...

<sup>1</sup> See the second footnote to Table 13.3

### 13.7. Output of crude sunflower-seed and sunflower oil and their fractions (excluding chemically modified), by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>2990,4</b>	<b>3177,2</b>	<b>3803,6</b>	<b>3402,9</b>	<b>4400,3</b>	<b>3715,8</b>	<b>4411,9</b>
of which							
Autonomous Republic of Crimea	0,2	0,8	0,3	0,6	...	...	...
<b>oblasts</b>							
Vinnitsya	108,8	139,4	168,3	244,0	376,6	351,7	451,3
Volyn	—	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	—
Dnipropetrovsk	210,0	207,4	237,5	201,8	296,4	288,1	300,7
Donetsk	387,7	351,5	388,4	364,2	322,1	154,0	120,0
Zhytomyr	0,0	0,2	0,3	0,1	... <sup>1</sup>	0,1	0,1
Zaporizhzhya	427,6	574,4	600,1	444,7	622,8	590,9	608,4
Ivano-Frankivsk	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Kyiv	125,8	102,4	119,5	109,9	119,0	115,1	108,9
Kirovohrad	353,7	382,7	519,5	669,5	765,7	446,6	586,2
Luhansk	64,4	63,1	59,4	72,9	97,4	91,5	85,5
Lviv	—	—	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	—	... <sup>1</sup>
Mykolayiv	84,9	185,8	327,7	250,3	297,7	255,4	466,7
Odesa	375,8	382,0	482,5	335,2	515,4	529,2	754,5
Poltava	187,9	208,5	215,4	177,0	232,6	226,4	230,3
Rivne	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Sumy	3,3	2,2	2,0	0,3	8,7	9,3	11,3
Ternopil	0,2	... <sup>1</sup>	... <sup>1</sup>	3,6	5,4	4,0	7,5
Kharkiv	347,1	277,0	333,9	244,0	355,7	293,0	300,4
Kherson	181,2	163,9	202,7	149,1	208,3	201,5	205,2
Khmelnyskiy	0,1	0,2	0,2	0,2	0,2	0,1	0,1
Cherkasy	73,8	77,9	78,7	78,4	85,3	75,1	70,7
Chernivtsi	51,1	50,6	59,3	46,2	66,1	62,9	54,5
Chernihiv	6,6	6,9	7,3	6,2	15,9	20,1	24,4
<b>city</b>							
Sevastopol	... <sup>1</sup>	—	—	—	...	...	...

<sup>1</sup> See the second footnote to Table 13.3

### 13.8. Output of processed skimmed milk (pasteurized, sterilized, homogenized, clarified, peptized), by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>801,4</b>	<b>894,0</b>	<b>911,6</b>	<b>971,8</b>	<b>1116,5</b>	<b>971,7</b>	<b>960,5</b>
of which							
Autonomous Republic of Crimea	10,6	8,0	7,7	7,2	...	...	...
<b>oblasts</b>							
Vinnitsya	259,9	291,1	319,2	304,3	387,0	350,3	344,2
Volyn	20,2	... <sup>1</sup>	2,3	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Dnipropetrovsk	62,2	58,3	54,9	47,1	48,3	44,3	47,7
Donetsk	47,7	41,9	40,4	39,5	37,9	6,1	4,4
Zhytomyr	13,0	114,6	130,2	150,6	207,8	183,3	187,0
Zakarpattia	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	—	—	—	—
Zaporizhzhya	20,6	18,7	32,2	35,7	40,3	32,2	20,4
Ivano-Frankivsk	5,1	6,0	5,4	4,8	5,2	5,0	5,4
Kyiv	102,2	107,5	93,8	99,7	115,4	135,6	136,5
Kirovohrad	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	0,2	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Luhansk	9,6	13,2	12,7	19,9	12,5	2,8	3,3
Lviv	21,4	30,8	32,8	32,9	24,1	13,2	8,8
Mykolayiv	9,2	10,1	13,6	17,3	16,0	10,9	10,3
Odesa	16,7	11,9	5,6	4,1	4,0	4,6	5,3
Poltava	36,3	36,3	41,3	41,5	39,6	45,4	42,4
Rivne	4,5	7,8	5,7	14,9	22,6	8,2	12,5
Sumy	19,3	14,8	7,2	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Ternopil	49,9	26,6	25,4	27,2	27,3	28,6	30,2
Kharkiv	35,3	43,9	31,9	31,1	27,5	32,2	30,5
Kherson	10,9	5,3	6,5	12,2	21,4	13,8	15,5
Khmelnyskiy	9,8	13,0	8,7	14,1	21,2	15,2	15,3
Cherkasy	... <sup>1</sup>	6,6	9,5	20,2	22,2	16,9	... <sup>1</sup>
Chernivtsi	—	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	0,2	0,3	0,6
Chernihiv	7,8	5,8	7,4	11,3	13,5	7,5	9,4
<b>city</b>							
Kyiv	23,0	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>

<sup>1</sup> See the second footnote to Table 13.3

**13.9. Production of rennet and processed cheese, by region***(thsd.t)*

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>207,0</b>	<b>177,9</b>	<b>168,1</b>	<b>165,4</b>	<b>130,4</b>	<b>123,6</b>	<b>112,6</b>
of which							
Autonomous Republic of Crimea	1,0	0,3	0,3	0,1	...	...	...
<b>oblasts</b>							
Vinnitsya	8,2	7,0	6,6	8,9	11,3	13,2	8,3
Volyn	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	—	... <sup>1</sup>	—	0,0
Dnipropetrovsk	0,8	1,1	1,6	2,8	1,8	1,2	1,1
Donetsk	1,1	1,2	1,4	1,5	1,4	0,8	0,7
Zhytomyr	4,2	4,1	6,6	7,3	8,8	8,4	6,2
Zakarpattia	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Zaporizhzhya	13,0	2,1	2,4	0,9	0,6	0,4	0,3
Ivano-Frankivsk	4,5	1,9	0,4	0,3	0,3	0,1	0,1
Kyiv	1,2	1,6	1,8	2,0	2,1	2,2	2,2
Kirovohrad	1,4	0,7	0,5	0,5	0,3	0,3	0,4
Luhansk	1,6	0,5	0,4	0,3	0,3	... <sup>1</sup>	... <sup>1</sup>
Lviv	0,6	... <sup>1</sup>	0,5	0,3	0,3	... <sup>1</sup>	... <sup>1</sup>
Mykolayiv	10,1	10,2	11,9	10,2	7,1	5,1	5,6
Odesa	2,0	1,4	1,1	0,9	0,8	0,6	0,9
Poltava	42,8	42,1	35,3	27,2	16,0	14,6	13,7
Rivne	15,3	16,6	14,7	17,7	15,0	18,4	20,4
Sumy	19,0	23,2	22,5	25,1	24,8	20,3	17,4
Ternopil	6,1	5,1	4,7	4,5	4,4	3,9	3,2
Kharkiv	6,5	2,9	0,7	4,8	1,7	0,9	0,7
Kherson	11,0	7,2	7,3	5,8	4,3	3,7	3,1
Khmelnyskiy	14,5	8,5	8,5	6,8	4,3	3,2	3,3
Cherkasy	22,4	20,2	22,7	23,0	17,1	17,2	17,9
Chernivtsi	... <sup>1</sup>	... <sup>1</sup>	0,1	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Chernihiv	16,5	17,5	14,4	14,2	7,7	8,4	6,3
<b>city</b>							
Kyiv	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>

<sup>1</sup> See the second footnote to Table 13.3

### 13.10. Output of yoghurt and fermented or acidified milk or cream, by region

	<i>(thsd.t)</i>						
	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>478,8</b>	<b>474,2</b>	<b>488,6</b>	<b>522,3</b>	<b>472,8</b>	<b>426,2</b>	<b>426,4</b>
of which							
Autonomous Republic of Crimea	7,8	6,0	5,5	5,2	...	...	...
<b>oblasts</b>							
Vinnitsya	6,5	6,5	7,0	5,4	8,6	10,3	17,2
Volyn	... <sup>1</sup>	... <sup>1</sup>	1,2	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Dnipropetrovsk	62,8	52,0	52,8	55,6	54,4	55,5	56,4
Donetsk	47,0	47,6	44,5	42,1	36,7	3,0	2,0
Zhytomyr	11,3	16,6	11,0	13,1	12,9	11,8	11,6
Zakarpattia	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	—
Zaporizhzhya	13,9	8,9	7,1	6,1	5,7	6,1	6,0
Ivano-Frankivsk	3,0	2,9	3,0	3,2	3,4	2,8	2,8
Kyiv	67,6	71,9	79,9	94,0	91,4	96,7	92,2
Kirovohrad	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Luhansk	8,2	6,9	7,2	7,6	4,5	0,5	0,5
Lviv	54,8	51,8	46,3	47,4	34,6	20,7	22,5
Mykolayiv	18,6	21,1	23,3	21,6	20,4	20,4	23,0
Odesa	4,1	4,3	4,4	4,0	3,7	4,0	4,3
Poltava	36,8	35,0	37,5	41,7	40,8	41,4	37,7
Rivne	4,1	4,2	4,7	4,9	5,0	4,9	5,6
Sumy	5,1	5,6	5,2	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Ternopil	10,2	15,5	18,3	19,9	21,5	25,2	24,7
Kharkiv	41,4	48,5	50,8	52,6	41,0	39,8	37,7
Kherson	33,2	32,8	39,6	48,1	49,9	49,6	49,0
Khmelnyskiy	2,8	1,6	1,7	2,0	2,7	3,6	3,5
Cherkasy	7,9	7,8	13,5	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Chernivtsi	—	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	0,2	0,3	0,6
Chernihiv	5,2	4,1	4,8	5,9	5,7	5,3	4,9
<b>city</b>							
Kyiv	24,8	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>

<sup>1</sup> See the second footnote to Table 13.3

**13.11. Output of granulated white beet sugar, by region***(thsd.t)*

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>1546,2</b>	<b>2326,9</b>	<b>2143,4</b>	<b>1261,6</b>	<b>2053,2</b>	<b>1459,3</b>	<b>1997,0</b>
of which							
<b>oblasts</b>							
Vinnitsya	296,0	439,2	338,3	299,1	430,3	314,9	430,4
Volyn	91,4	95,0	93,2	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Zhytomyr	... <sup>1</sup>	47,7	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	81,2
Ivano-Frankivsk	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	—	—	—	—
Kyiv	162,5	232,2	201,5	93,6	197,9	154,5	203,1
Kirovohrad	... <sup>1</sup>	91,3	69,6	31,3	65,5	... <sup>1</sup>	69,8
Lviv	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Mykolayiv	... <sup>1</sup>	—	—	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Odesa	—	—	... <sup>1</sup>	—	—	—	—
Poltava	239,9	411,7	406,6	207,5	257,7	209,6	297,8
Rivne	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	—	—	—	—
Sumy	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	—	—	—	—
Ternopil	147,7	208,0	208,9	132,3	271,7	... <sup>1</sup>	190,2
Kharkiv	62,1	130,8	108,1	37,8	119,5	78,5	159,9
Khmelnyskiy	164,3	217,3	233,2	122,0	281,8	167,5	228,5
Cherkasy	89,3	148,5	139,9	... <sup>1</sup>	88,7	... <sup>1</sup>	... <sup>1</sup>
Chernivtsi	... <sup>1</sup>	... <sup>1</sup>	—	—	—	—	—
Chernihiv	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>

<sup>1</sup> See the second footnote to Table 13.3

**13.12. Per capita of food products and beverages**

	<i>(kg)</i>				
	2012	2013	2014	2015	2016
Meat of bovine animals, fresh or chilled	1,4	1,4	1,3	1,2	1,4
Meat of bovine animals, frozen	0,4	0,6	0,4	0,5	0,4
Meat of swine, fresh or chilled	4,2	4,9	6,0	6,0	6,2
Meat of swine, frozen	0,3	0,2	0,3	0,4	0,3
Meat of poultry, fresh or chilled	15,1	17,1	16,5	16,6	17,6
Meat of poultry, frozen	1,7	3,1	3,7	4,2	5,8
Sausages	6,5	6,5	6,2	5,5	5,6
Fruit and vegetable juices (except for mixtures)	9,9	10,2	10,2	6,2	5,7
Natural canned vegetables	2,7	2,6	3,3	3,4	3,4
Jams, fruit jellies, fruit or nut purées and pastes	1,4	1,5	1,4	1,1	1,2
Crude sunflower-seed and sunflower oil and their fractions (excluding chemically modified)	83,4	74,8	102	86,7	103
Margarine and similar edible fats	7,2	6,2	6,3	4,5	4,4
Processed liquid milk (pasteurized, sterilized, homogenized, clarified, peptized)	20,0	21,4	26,0	22,8	22,5
Butter	1,9	2,1	2,6	2,4	2,4
Unripened or uncured cheese (fresh cheese) (including whey cheese and curd)	1,7	1,8	1,7	1,6	1,6
Rennet and processed cheese	3,7	3,6	3,0	2,9	2,6
Yoghurt and other fermented or acidified milk or cream	10,7	11,5	11,0	9,9	10,0
Bread and bakery products, short storage	37,0	34,3	31,6	28,8	27,2
Macaroni, noodles and similar farinaceous products	2,3	2,2	2,4	2,1	2,0
Granulated white beet sugar	47,0	27,7	47,7	34,1	46,8
Chocolate and food preparations containing cocoa (except sweetened cocoa powder), packing mass less than 2 kg	7,5	7,3	5,5	4,3	4,0
Sugar confectionery (including white chocolate), not containing cocoa	4,8	4,4	4,3	4,4	4,3
Spreads and fat mixtures that contain the weight part of total fat from 50% to 85% including milk fat in fat phase no less than 25%	1,2	1,2	1,2	0,8	0,7
Natural mineral spring waters, L	8,3	8,9	8,4	8,4	10,2
Natural mineral aerated waters, L	21,3	19,5	19,2	17,0	17,1
Soft drinks, L	31,5	27,8	27,1	25,6	27,7



**13.13. Output of footwear, by region***(thsd. pairs)*

	2010 <sup>1</sup>	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>25697</b>	<b>28072</b>	<b>28311</b>	<b>30531</b>	<b>27492</b>	<b>23648</b>	<b>24086</b>
of which							
Autonomous Republic of Crimea	10,1	7,2	9,0	6,8	...	...	...
<b>oblasts</b>							
Vinnitsya	... <sup>2</sup>	33,7	3,8	3,5	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>
Volyn	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>
Dnipropetrovsk	163	260	112	203	188	725	1134
Donetsk	826	768	578	377	104	17,6	5,3
Zhytomyr	5826	6401	7983	9612	8318	6838	7555
Zakarpattia	192	195	124	80,6	52,3	... <sup>2</sup>	... <sup>2</sup>
Zaporizhzhya	263	266	245	297	216	207	177
Kyiv	1285	1708	1521	1417	1060	1025	906
Kirovohrad	9,3	9,9	7,5	2,9	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>
Luhansk	58,3	74,8	56,8	43,2	9,1	... <sup>2</sup>	... <sup>2</sup>
Lviv	1036	1203	1166	1181	1065	1101	1429
Mykolayiv	60,9	45,1	34,5	24,6	16,8	... <sup>2</sup>	... <sup>2</sup>
Odesa	3945	6863	7322	8381	8019	6593	5239
Poltava	82,4	39,0	55,1	48,0	43,4	35,3	43,4
Rivne	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	—	... <sup>2</sup>
Sumy	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>
Ternopil	37,0	95,1	125	183	162	161	219
Kharkiv	421	418	419	338	313	476	662
Khmelnyskiy	4608	3276	2636	2643	2784	1941	1825
Cherkasy	57,0	59,2	28,8	26,2	24,5	23,3	16,6
Chernivtsi	2535	2026	1736	1709	1307	969	... <sup>2</sup>
Chernihiv	997	1029	961	751	797	729	894
<b>cities</b>							
Kyiv	1167	733	703	692	753	884	1173
Sevastopol	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	... <sup>2</sup>	...	...	...

<sup>1</sup> Including ski shoes<sup>2</sup> See the second footnote to Table 13.3

### 13.14. Per capita manufacture of textiles, apparel, leather and related products

	2011	2012	2013	2014	2015	2016
Textiles, sq.m	1,9	2,3	2,1	1,9	2,0	2,1
of which						
wool	0,1	0,1	0,1	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
cotton	0,5	0,6	0,5	0,2	0,2	0,2
strands of synthetic and artificial complex with synthetic fibers and man-made staple	1,3	1,5	1,3	1,5	1,6	1,8
fleecy, terry and other special textiles	0,04	0,1	0,1	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Knitted underwear, pcs	0,6	0,6	0,6	0,5	0,3	0,3
Panty hose and tights, of knitted or crocheted synthetic fibres, measuring per single yarn < 67 decitex, pairs	0,5	0,5	0,4	0,5	0,7	0,6
Knitted or crocheted hosiery and footwear (including socks), pairs	1,2	0,9	0,9	0,9	1,1	1,2
Footwear, pairs	0,6	0,6	0,7	0,6	0,6	0,6

<sup>1</sup> See the second footnote to Table 13.3

# 14. AGRICULTURE, HUNTING, FORESTRY, FISHING

## AGRICULTURE

### 14.1. Agricultural production indices

(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016
<b>Agricultural production</b>							
Enterprises of all categories	98,5	119,9	95,5	113,3	102,2	95,2	106,1
including							
agricultural enterprises	97,7	128,7	93,4	120,8	104,0	94,9	109,8
agricultural holdings of households	99,1	111,8	97,8	105,5	99,9	95,7	101,5
<b>Crop output</b>							
Enterprises of all categories	95,9	130,4	91,9	117,9	103,2	94,8	109,7
including							
agricultural enterprises	93,7	137,9	89,1	125,6	104,2	94,4	113,7
agricultural holdings of households	98,5	121,7	95,5	108,4	101,9	95,4	103,9
<b>Animal production</b>							
Enterprises of all categories	103,4	101,3	103,9	104,0	99,7	96,3	97,4
including							
agricultural enterprises	109,1	106,0	107,0	108,1	103,5	96,4	97,8
agricultural holdings of households	100,1	98,3	101,7	101,0	96,6	96,3	97,1

## 14.2. Agricultural production indices, by region

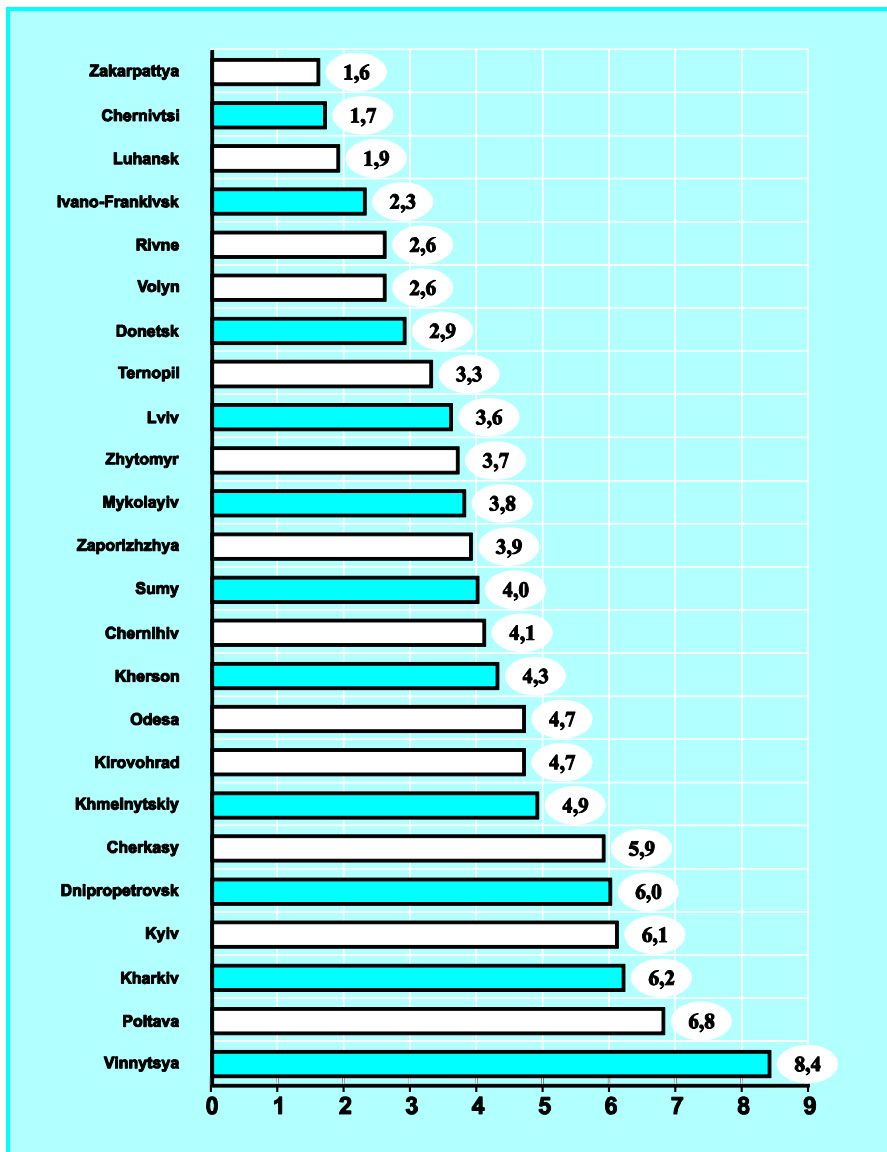
(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>98,5</b>	<b>119,9</b>	<b>95,5</b>	<b>113,3</b>	<b>102,2</b>	<b>95,2</b>	<b>106,1</b>
Autonomous Republic of Crimea <sup>1</sup>	96,1	113,2	80,0	101,2	...	...	...
<b>oblasts</b>							
Vinnitsya	100,0	119,6	96,2	123,3	111,0	91,8	117,5
Volyn	101,9	109,6	107,0	102,6	106,3	95,4	102,1
Dnipropetrovsk	101,3	117,2	79,7	131,1	94,1	106,3	100,2
Donetsk	102,0	119,7	94,8	105,8	93,0	64,9	106,3
Zhytomyr	100,1	113,8	110,0	105,8	105,1	91,2	115,7
Zakarpattia	97,1	105,4	104,0	102,5	99,9	95,1	95,9
Zaporizhzhya	102,1	114,3	81,1	134,4	96,6	109,3	98,4
Ivano-Frankivsk	100,8	113,3	106,3	102,0	106,3	95,5	101,5
Kyiv	99,4	118,6	108,5	101,3	105,8	89,2	110,0
Kirovohrad	101,9	124,0	85,0	127,9	98,2	97,7	109,3
Luhansk	91,0	125,3	101,3	103,5	79,8	77,8	118,7
Lviv	95,7	114,0	104,2	100,7	105,5	97,1	102,0
Mykolayiv	101,3	112,2	82,8	135,4	93,3	102,1	108,4
Odesa	109,7	106,8	80,3	141,1	97,4	96,2	111,4
Poltava	89,5	135,7	89,8	119,6	96,9	107,3	103,1
Rivne	102,3	110,9	103,3	106,0	105,2	92,8	105,0
Sumy	89,9	136,7	104,7	114,4	109,7	95,4	104,3
Ternopil	94,9	125,2	109,0	101,3	113,9	88,8	104,4
Kharkiv	88,6	148,3	91,9	120,0	103,1	97,2	106,5
Kherson	102,9	122,4	83,6	117,7	105,1	105,0	101,7
Khmelnyskiy	99,6	115,5	115,3	103,2	115,4	87,3	107,5
Cherkasy	104,3	117,6	96,8	106,5	98,4	99,4	102,1
Chernivtsi	103,0	110,8	101,0	103,5	104,2	91,1	101,0
Chernihiv	86,6	129,9	108,2	102,8	107,5	98,1	104,4
<b>city</b>							
Sevastopol	...	102,0	88,4	104,9	...	...	...

<sup>1</sup> In 2010 including Sevastopol city

### 14.3. Share of regions in the total volume of agricultural products in 2016

(percent of the total area)



# 14.4. Structure of agricultural production

(at constant prices of 2010; percent)

	2010	2011	2012	2013	2014	2015	2016
<b>Agricultural production</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>Crop output</b>	<b>63,9</b>	<b>69,5</b>	<b>66,8</b>	<b>69,6</b>	<b>70,7</b>	<b>70,3</b>	<b>72,8</b>
Grain and leguminous crops	21,4	25,9	22,1	26,5	26,9	26,5	27,4
Industrial crops	16,9	17,8	18,2	19,4	20,1	21,0	22,8
Potatoes, vegetable and cucurbits crops	19,5	20,1	20,8	18,1	18,5	18,1	17,7
Fruit and berry crops, grapes	3,6	3,3	3,4	3,6	3,1	3,4	3,0
Fodder crops	2,1	2,0	1,9	1,7	1,7	1,6	1,5
Other products and change in incomplete production	0,4	0,4	0,4	0,3	0,4	-0,3	0,4
<b>Animal production</b>	<b>36,1</b>	<b>30,5</b>	<b>33,2</b>	<b>30,4</b>	<b>29,3</b>	<b>29,7</b>	<b>27,2</b>
Raising farm livestock	16,0	13,5	15,0	14,1	13,4	14,1	13,4
Milk	14,6	12,1	12,9	11,5	11,2	11,2	10,4
Eggs	4,1	3,7	4,0	3,6	3,6	3,3	2,8
Wool	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Other products	1,4	1,2	1,3	1,2	1,1	1,1	0,6

## 14.5. Share of the population holdings in agricultural production

(percent)

	2010	2011	2012	2013	2014	2015	2016
<b>Agricultural production</b>	<b>51,7</b>	<b>48,2</b>	<b>49,3</b>	<b>46,0</b>	<b>44,7</b>	<b>44,9</b>	<b>43,0</b>
<b>Crop output</b>	<b>46,4</b>	<b>43,3</b>	<b>45,0</b>	<b>41,4</b>	<b>40,6</b>	<b>40,9</b>	<b>38,7</b>
Grain and leguminous crops	24,2	22,1	21,9	21,2	21,9	22,7	21,3
Factory sugar beets	7,9	8,5	8,7	15,6	7,2	7,5	4,7
Sunflowers	17,5	15,9	15,0	14,5	14,3	14,6	13,9
Potatoes	97,4	96,9	96,7	97,0	96,8	97,8	97,8
Vegetable crops	88,1	84,3	85,7	88,3	86,1	86,1	85,9
Fruit and berry crops	83,6	84,2	81,6	80,7	83,4	80,9	81,6
Grapes	36,3	35,4	35,8	33,2	44,7	46,6	41,5
<b>Animal production</b>	<b>61,2</b>	<b>59,4</b>	<b>58,2</b>	<b>56,5</b>	<b>54,5</b>	<b>54,5</b>	<b>54,3</b>
Meat (slaughter weight)	44,9	43,3	42,5	39,7	38,5	37,0	35,9
Milk	80,3	79,7	77,7	77,5	76,2	74,9	73,9
Eggs	39,9	37,2	37,3	37,6	36,0	41,8	46,6
Wool	83,1	83,3	85,1	86,6	85,4	86,2	87,2

## 14.6. Per capita agricultural products production

(kg)

	2010	2011	2012	2013	2014	2015	2016
<b>Agricultural production, UAH</b>	<b>4249</b>	<b>5113</b>	<b>4897</b>	<b>5559</b>	<b>5847</b>	<b>5589</b>	<b>5953</b>
<b>Crop output, UAH</b>	<b>2715</b>	<b>3554</b>	<b>3273</b>	<b>3867</b>	<b>4133</b>	<b>3931</b>	<b>4331</b>
Grain and leguminous crops	856	1242	1014	1386	1485	1403	1549
Factory sugar beets	300	410	404	237	366	241	328
Sunflowers	148	190	184	243	236	261	319
Potatoes	408	531	510	489	551	486	510
Vegetable crops	177	215	220	217	224	215	221
Fruit and berry crops	38	41	44	50	46	50	47
Grapes	9	11	10	13	10	9	9
<b>Animal production, UAH</b>	<b>1534</b>	<b>1559</b>	<b>1624</b>	<b>1692</b>	<b>1714</b>	<b>1658</b>	<b>1622</b>
Meat (slaughter weight)	45	47	49	53	55	54	55
Milk	245	243	250	253	259	248	243
Eggs, pcs	372	409	419	431	456	392	354

### 14.7. Distribution of agricultural enterprises in 2016, by size of agricultural land

(as of November 1)

	Number of enterprises		Area of agricultural land	
	total, units	percentage of the total	thsd.ha	percentage of the total area of agricultural land
Enterprises that have agricultural land size, ha	41826	87,7	19821,2	100,0
under 5,0	3619	7,6	11,5	0,1
5,1–10,0	2937	6,2	23,1	0,1
10,1–20,0	4088	8,6	63,5	0,3
20,1–50,0	11838	24,8	447,8	2,3
50,1–100,0	4888	10,2	354,2	1,8
100,1–500,0	7053	14,9	1723,1	8,7
500,1–1000,0	2548	5,3	1816,1	9,2
1000,1–2000,0	2433	5,1	3491,6	17,6
2000,1–3000,0	1103	2,3	2686,2	13,6
3000,1–4000,0	480	1,0	1658,0	8,4
4000,1–5000,0	277	0,6	1236,6	6,2
5000,1–7000,0	260	0,5	1526,2	7,7
7000,1–10000,0	152	0,3	1268,2	6,4
more than 10000,0	150	0,3	3515,1	17,6
Enterprises that do not have agricultural land	5871	12,3	×	×

### 14.8. Tractors and harvesting combines in agricultural enterprises

(end of year; thsd.pcs)

	Tractors	Harvesting combines
2010	151	33
2011	147	32
2012	151	32
2013	146	30
2014	131	27
2015	128	27
2016	133	27



## 14.9. Sales of agricultural products by agricultural enterprises<sup>1</sup>

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	23662	28609	33669	38345	40220	45830	37622
Oil crops	7757	7907	10785	12186	13173	14631	12242
Factory sugar beets	9767	11873	10817	5634	8998	5819	10879
Potatoes	291	349	438	460	543	391	277
Vegetable crops	646	900	962	886	956	1044	889
Fruit and berry crops	231	230	284	342	1215	294	248
Livestock animals (live weight)	1587	1687	1736	1953	1957	1947	2176
Milk	2004	2061	2360	2409	2506	2538	2543
Eggs, mln.pcs	9416	10790	11156	11322	11735	8897	7141
Wool, t	518	544	404	320	303	271	185

<sup>1</sup> Own produced products including the ones transferred for processing using own capacities and raw materials supplied by customer

## 14.10. Average prices for sale of agricultural products by agricultural enterprises<sup>1</sup>

(UAH for t)

	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	1120,9	1374,2	1547,1	1299,8	1801,4	2912,1	3414,0
Oil crops	2942,6	3312,0	3584,0	3087,5	4062,8	7531,5	8656,1
Factory sugar beets	478,5	516,0	426,8	397,8	494,2	788,6	848,6
Potatoes	2131,0	2032,8	1139,6	1860,9	2173,6	2436,3	2631,8
Vegetable crops	2551,6	2139,1	1956,6	2354,0	2514,3	3903,4	3924,2
Fruit and berry crops	2419,8	3175,9	2707,1	3010,8	2429,1	5894,5	5863,8
Livestock animals (live weight)	10797,1	11967,2	13456,9	12901,3	15736,9	21966,2	22468,0
Milk	2938,7	3041,6	2662,2	3364,0	3588,4	4347,3	5461,8
Eggs, thsd.pcs	470,6	521,5	627,0	656,7	782,4	1333,2	1108,7
Wool, centner	416,5	700,4	851,3	694,9	755,7	1421,7	2442,0

<sup>1</sup> See the footnote to Table 14.9

## CROP GROWING

### 14.11. Sown area for agricultural crops

(thsd.ha)

	2010	2011	2012	2013	2014	2015	2016
<b>Agriculture crops</b>	<b>26952</b>	<b>27670</b>	<b>27801</b>	<b>28329</b>	<b>27239</b>	<b>26902</b>	<b>27026</b>
<b>Grain and leguminous crops</b>	<b>15090</b>	<b>15724</b>	<b>15449</b>	<b>16210</b>	<b>14801</b>	<b>14739</b>	<b>14401</b>
of which							
wheat	6451	6781	5772	6684	6061	6867	6218
rye	286	283	302	282	185	150	144
barley	4505	3787	3425	3359	3041	2826	2867
oats	326	288	310	252	247	213	209
grain maize	2709	3620	4625	4893	4691	4123	4286
millet	95	169	191	98	103	112	109
buckwheat	225	311	300	189	140	133	154
rice	29	30	26	24	10	12	12
legumes crops	429	374	318	280	227	250	324
<b>Industrial crops</b>	<b>7296</b>	<b>7441</b>	<b>7854</b>	<b>7869</b>	<b>8437</b>	<b>8350</b>	<b>8852</b>
of which							
factory sugar beets	501	532	458	280	331	237	292
sunflowers	4572	4739	5194	5051	5257	5105	6073
rape and colza	907	870	566	1017	882	682	455
soya	1076	1134	1476	1370	1806	2158	1869
flax	1	2	2	2	2	2	2
<b>Potatoes, vegetable and cucurbits crops</b>	<b>1967</b>	<b>2028</b>	<b>2023</b>	<b>1961</b>	<b>1900</b>	<b>1823</b>	<b>1841</b>
of which							
potatoes	1408	1439	1440	1388	1348	1291	1312
vegetable crops in open ground (excluding seeds)	462	498	494	483	463	440	442
<b>Fodder crops</b>	<b>2599</b>	<b>2477</b>	<b>2475</b>	<b>2289</b>	<b>2101</b>	<b>1990</b>	<b>1932</b>
of which							
fodder roots	244	236	230	224	216	213	211
fodder corn	473	445	497	393	346	309	284
annual grass	583	531	499	469	408	393	374
perennial grass	1238	1207	1195	1152	1119	1027	995

## 14.12. Harvested area

(thsd.ha)

	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	14576	15321	14792	15804	14627	14641	14337
of which							
wheat	6284	6657	5630	6566	6011	6839	6206
rye	279	278	297	277	183	149	144
barley	4317	3684	3293	3233	3003	2806	2859
oats	311	280	301	241	244	211	209
corn grain	2648	3544	4372	4827	4627	4084	4252
millet	85	156	153	78	99	113	108
buckwheat	199	286	273	168	137	128	154
rice	29	30	26	24	10	12	12
legumes crops	391	336	303	256	225	247	321
Factory sugar beets	492	516	449	270	330	237	291
Sunflowers	4526	4717	5082	5090	5212	5166	6087
Rape and colza	863	833	547	996	865	671	449
Soya	1037	1110	1412	1351	1793	2136	1859
Flax (fiber)	1	1	2	1	1	1	2
Potatoes	1412	1443	1444	1394	1343	1291	1312
Vegetable crops	468	504	503	494	464	447	447
Annual hay grass	298	274	291	283	263	267	262
Perennial hay grass	903	907	902	895	858	819	805

## 14.13. Area planted with fruit and berries, and grapes

(thsd.ha)

	2010	2011	2012	2013	2014	2015	2016
Fruit and berry plantations	255	255	255	253	239	235	224
of which fruit-bearing	223	223	223	222	210	206	197
Vineyards	87	84	78	75	49	45	45
of which fruit-bearing	68	69	68	67	44	42	43

# 14.14. Output of agricultural crops

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	39271	56747	46216	63051	63859	60126	66088
of which							
wheat	16851	22324	15763	22279	24114	26532	26099
rye	463	577	675	633	473	387	392
barley	8485	9098	6936	7562	9046	8288	9436
oats	459	506	630	467	613	489	500
corn grain	11953	22838	20961	30950	28497	23328	28075
millet	117	279	157	102	178	213	190
buckwheat	134	282	239	179	167	128	176
rice	148	170	160	145	51	63	65
legumes crops	592	491	473	372	481	502	877
Factory sugar beets	13749	18740	18439	10789	15734	10331	14011
Sunflowers	6772	8671	8387	11051	10134	11181	13627
Rape and colza	1470	1437	1204	2352	2198	1738	1154
Soya	1680	2264	2410	2774	3882	3931	4277
Flax (fibre)	0	1	2	1	1	1	1
Potatoes	18705	24248	23250	22259	23693	20839	21750
Vegetable crops	8122	9833	10017	9873	9638	9214	9415
Annual hay grass	953	936	917	953	1004	977	1017
Perennial hay grass	3238	3443	3294	3424	3926	3124	3362
Fruit and berry crops	1747	1896	2009	2295	1999	2153	2007
Grapes	408	522	456	575	436	386	378

# 14.15. Output of agricultural crops, by category of enterprises

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016
<b>Agricultural enterprises</b>							
Grain and leguminous crops	29779	44219	36075	49659	49902	46507	52022
Factory sugar beets	12663	17145	16838	9101	14599	9554	13349
Sunflowers	5586	7289	7131	9446	8682	9549	11730
Potatoes	483	752	757	660	759	456	468
Vegetable crops	964	1541	1434	1159	1341	1282	1323
Fruit and berry crops	287	300	369	444	332	412	370
Grapes	260	337	293	384	241	206	221
<b>Agricultural holdings of households</b>							
Grain and leguminous crops	9492	12528	10141	13392	13957	13619	14066
Factory sugar beets	1086	1595	1601	1688	1135	777	662
Sunflowers	1186	1382	1256	1605	1452	1632	1897
Potatoes	18222	23496	22493	21599	22934	20383	21282
Vegetable crops	7158	8292	8583	8714	8297	7932	8092
Fruit and berry crops	1460	1596	1640	1851	1667	1741	1637
Grapes	148	185	163	191	195	180	157

## 14.16. Output of agricultural crops in 2016, by region

(thsd.t)

	Grain and leguminous crops	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops
<b>Ukraine</b>	<b>66088</b>	<b>14011</b>	<b>13627</b>	<b>21750</b>	<b>9415</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnitsya	5564	2639	820	1848	478
Volyn	1110	580	16	1132	289
Dnipropetrovsk	3481	54	1264	602	733
Donetsk	1793	12	620	409	214
Zhytomyr	2094	607	232	1317	297
Zakarpattia	412	—	7	534	267
Zaporizhzhya	2624	—	985	264	391
Ivano-Frankivsk	773	64	53	975	172
Kyiv	3327	1124	453	1703	631
Kirovohrad	3726	658	1294	603	234
Luhansk	1274	—	670	253	168
Lviv	1429	678	68	1619	506
Mykolayiv	2726	210	1162	268	501
Odesa	4403	—	1004	541	349
Poltava	5783	2090	824	1065	522
Rivne	1301	544	37	1249	236
Sumy	3816	79	488	1066	200
Ternopil	2449	994	149	987	259
Kharkiv	4317	1207	1352	1078	693
Kherson	2262	... <sup>1</sup>	613	280	1278
Khmelnyskiy	3085	1586	347	1321	228
Cherkasy	4092	544	576	839	354
Chernivtsi	507	... <sup>1</sup>	56	595	228
Chernihiv	3740	290	537	1202	187
<b>city</b>					
Sevastopol	...	...	...	...	...

<sup>1</sup> Data are not published in order to ensure compliance with the requirements of Law of Ukraine *On the State Statistics* regarding confidentiality of statistical information

### 14.17. Yield of agricultural crops

(1 ha; centner)

	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	26,9	37,0	31,2	39,9	43,7	41,1	46,1
of which							
wheat	26,8	33,5	28,0	33,9	40,1	38,8	42,1
rye	16,6	20,7	22,7	22,8	25,8	25,9	27,3
barley	19,7	24,7	21,1	23,4	30,1	29,5	33,0
oats	14,8	18,1	20,9	19,4	25,1	23,2	24,0
corn grain	45,1	64,4	47,9	64,1	61,6	57,1	66,0
millet	13,7	17,8	10,3	13,1	18,0	18,9	17,6
buckwheat	6,7	9,9	8,7	10,6	12,2	10,0	11,5
rice	50,5	57,3	62,1	60,0	50,0	53,4	53,9
legumes crops	15,1	14,6	15,6	14,5	21,4	20,4	27,3
Factory sugar beets	279	363	411	399	477	436	482
Sunflowers	15,0	18,4	16,5	21,7	19,4	21,6	22,4
Rape and colza	17,0	17,3	22,0	23,6	25,4	25,9	25,7
Soya	16,2	20,4	17,1	20,5	21,6	18,4	23,0
Flax (fibre)	4,0	5,9	8,6	7,3	6,3	8,9	9,0
Potatoes	132	168	161	160	176	161	166
Vegetable crops	174	195	199	200	208	206	211
Annual hay grass	32,0	34,1	31,6	33,7	38,2	36,6	38,8
Perennial hay grass	35,8	38,0	36,5	38,3	45,7	38,1	41,7
Fruit and berry crops	78,2	84,9	89,9	103,5	95,2	104,5	101,9
Grapes	60,3	75,5	67,2	85,8	98,6	92,3	88,4

# 14.18. Yield of agricultural crops in 2016, by region

(1 ha; centner)

	Grain and leguminous crops	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops
<b>Ukraine</b>	<b>46,1</b>	<b>482</b>	<b>22,4</b>	<b>166</b>	<b>211</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnitsya	64,2	482	30,7	171	220
Volyn	37,7	429	24,3	157	219
Dnipropetrovsk	31,9	470	20,0	113	205
Donetsk	33,0	222	18,6	115	144
Zhytomyr	53,5	518	25,2	189	252
Zakarpattya	44,8	—	21,8	158	207
Zaporizhzhya	29,7	—	16,4	120	219
Ivano-Frankivsk	51,0	618	23,0	164	165
Kyiv	58,7	564	27,3	180	219
Kirovohrad	46,1	385	22,4	148	137
Luhansk	33,6	—	19,7	147	179
Lviv	47,0	514	25,7	172	198
Mykolayiv	32,7	591	20,8	142	263
Odesa	36,8	—	21,4	149	144
Poltava	61,8	545	26,4	197	213
Rivne	48,2	457	28,0	179	197
Sumy	59,1	433	24,8	185	189
Ternopil	52,6	440	27,0	168	223
Kharkiv	43,9	502	27,8	175	226
Kherson	34,1	... <sup>1</sup>	16,0	118	313
Khmelnyskiy	57,7	450	30,0	201	205
Cherkasy	62,1	426	28,3	164	173
Chernivtsi	41,4	... <sup>1</sup>	28,4	176	187
Chernihiv	57,2	423	25,9	151	175
<b>city</b>					
Sevastopol	...	...	...	...	...

<sup>1</sup> See the footnote to Table 14.16



## CATTLE RAISING

### 14.19. Number of livestock animals

(end of year; thsd. heads)

	2010	2011	2012	2013	2014	2015	2016
<b>All categories</b>							
Cattle	4494	4426	4646	4534	3884	3750	3682
including cows	2631	2582	2554	2509	2263	2167	2109
Pigs	7960	7373	7577	7922	7351	7079	6669
Sheep and goats	1732	1739	1738	1735	1371	1325	1315
Poultry, mln. heads	203,8	200,8	214,1	230,3	213,3	204,0	201,7
<b>Agricultural enterprises</b>							
Cattle	1526	1511	1507	1438	1310	1270	1214
including cows	589	584	575	565	529	505	485
Pigs	3625	3319	3557	3879	3733	3704	3566
Sheep and goats	299	290	265	248	205	187	187
Poultry, mln. heads	110,5	105,7	117,9	132,1	122,1	112,0	109,8
<b>Agricultural holdings of households</b>							
Cattle	2968	2915	3139	3096	2574	2480	2468
including cows	2042	1998	1979	1944	1734	1662	1624
Pigs	4335	4054	4020	4043	3618	3375	3103
Sheep and goats	1433	1449	1473	1487	1166	1138	1128
Poultry, mln. heads	93,3	95,1	96,2	98,2	91,2	92,0	91,9

### 14.20. Productivity of livestock animals at agricultural enterprises

(kg)

	2010	2011	2012	2013	2014	2015	2016
Average live weight of a livestock animals per head sold for processing enterprises							
cattle	409	421	436	436	427	439	435
pigs	108	108	108	109	110	112	111
Average annual milk yield per cow	3975	4109	4676	4827	5027	5352	5643
Average annual wool yield per sheep	2,3	2,2	1,9	1,8	1,6	1,7	1,6

# 14.21. Number of livestock animals in 2016, by region

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry
	total	of which cow			
<b>Ukraine</b>	<b>3682</b>	<b>2109</b>	<b>6669</b>	<b>1315</b>	<b>201668</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnysya	309	158	351	38	27649
Volyn	153	102	316	17	7928
Dnipropetrovsk	127	72	426	55	18630
Donetsk	61	34	455	37	3436
Zhytomyr	184	109	137	27	6961
Zakarpattia	122	88	263	142	3119
Zaporizhzhya	108	59	268	59	5841
Ivano-Frankivsk	152	98	318	30	4176
Kyiv	128	65	455	33	27518
Kirovohrad	101	55	239	40	4730
Luhansk	53	27	61	27	859
Lviv	195	121	357	31	7529
Mykolayiv	140	78	100	56	2709
Odesa	170	96	290	352	4411
Poltava	244	127	399	47	5007
Rivne	142	95	239	17	6611
Sumy	149	83	131	39	5229
Ternopil	152	95	423	13	4888
Kharkiv	194	91	236	73	6869
Kherson	105	68	157	48	7651
Khmelnyskiy	231	136	329	27	9079
Cherkasy	176	83	386	31	24310
Chernivtsi	89	56	147	44	3128
Chernihiv	197	113	186	32	3400
<b>city</b>					
Sevastopol	...	...	...	...	...

## 14.22. Output of animal products, by category of enterprises

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016
<b>All categories</b>							
Meat (slaughter weight)	2059	2144	2210	2389	2360	2323	2324
Milk	11249	11086	11378	11488	11133	10615	10382
Eggs, mln.pcs	17052	18690	19110	19615	19587	16783	15100
Wool, t	4192	3877	3724	3520	2602	2270	2072
<b>Agricultural enterprises</b>							
Meat (slaughter weight)	1134	1215	1271	1441	1452	1464	1490
Milk	2217	2246	2535	2582	2648	2669	2706
Eggs, mln.pcs	10249	11738	11977	12234	12536	9762	8067
Wool, t	710	647	556	470	379	314	266
<b>Agricultural holdings of households</b>							
Meat (slaughter weight)	925	929	939	948	908	859	834
Milk	9032	8840	8843	8906	8485	7946	7676
Eggs, mln.pcs	6803	6952	7133	7381	7051	7021	7033
Wool, t	3482	3230	3168	3050	2223	1956	1806

## 14.23. Output of meat, by category

(slaughter weight; thsd.t)

	2010	2011	2012	2013	2014	2015	2016
<b>Meat of all category</b>	<b>2059</b>	<b>2144</b>	<b>2210</b>	<b>2389</b>	<b>2360</b>	<b>2323</b>	<b>2324</b>
Beef and veal	428	399	388	428	413	384	376
Pork	631	704	701	748	743	760	748
Mutton and goat meat	21	20	20	19	14	14	13
Poultry meat	954	995	1075	1168	1165	1144	1167
Rabbit meat	13	14	14	14	13	13	12
Horse meat	12	12	12	12	12	8	8

# 14.24. Output of animal products in 2016, by region

	Meat (slaughter weight), thsd.t	Milk, thsd.t	Eggs, mln.pcs	Wool, t
<b>Ukraine</b>	<b>2324</b>	<b>10382</b>	<b>15100</b>	<b>2072</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnysya	324	854	880	11
Volyn	122	412	202	18
Dnipropetrovsk	240	319	803	25
Donetsk	86	193	544	55
Zhytomyr	53	567	662	27
Zakarpattia	51	320	349	181
Zaporizhzhya	57	259	702	80
Ivano-Frankivsk	80	467	415	23
Kyiv	199	438	2840	9
Kirovohrad	52	308	456	12
Luhansk	21	124	98	21
Lviv	123	543	546	13
Mykolayiv	31	342	272	124
Odesa	46	363	322	1076
Poltava	80	796	726	32
Rivne	55	437	580	15
Sumy	46	415	401	26
Ternopil	53	453	539	2
Kharkiv	95	530	512	54
Kherson	42	296	1029	116
Khmelnyskiy	66	590	1026	8
Cherkasy	324	519	565	2
Chernivtsi	42	287	333	132
Chernihiv	36	550	298	10
<b>city</b>				
Sevastopol	...	...	...	...

## HUNTING

### 14.25. Basic hunting indicators

	2010	2011	2012	2013	2014	2015	2016
Total hunting estates	908	936	958	1043	1021	1044	1050
Area of hunting lands, end of year, mln. ha	46,7	46,5	44,6	42,7	37,5	38,7	38,3
of which covered by hunting regulations	44,6	45,2	40,2	35,2	35,4	37,8	37,7
Payroll staff engaged in hunting (end of year), persons	7181	7319	7145	7055	6352	6457	6321
Number of animals on hunting management, thsd. heads							
ungulates	239,0	244,4	239,6	238,3	233,6	231,3	220,2
fur animals	2249,6	2189,2	2070,8	1944,2	1747,5	1705,5	1675,4
furred game	10672,9	10592,0	10523,5	10202,9	9169,3	9756,2	9888,4
Expenditure on hunting management (at current prices), mln. UAH	183,8	212,9	217,5	219,6	213,7	246,1	284,0
including							
on protection, reproduction and registration of wild animals, regulation of hunting lands	66,8	82,2	82,5	80,8	86,3	106,4	125,2
for keeping nurseries, aviaries, farms	4,1	4,8	5,1	5,4	7,4	7,4	7,0

# 14.26. Area of hunting lands and number of hunting animals in 2016, by region

	Area of hunting lands, end of year, thsd.ha	Number of animals on hunting management, thsd. heads		
		ungulates	fur animals	furred game
<b>Ukraine</b>	<b>38340,6</b>	<b>220,2</b>	<b>1675,4</b>	<b>9888,4</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnitsya	2135,4	11,0	75,5	373,7
Volyn	1478,9	11,5	65,9	236,4
Dnipropetrovsk	2435,2	7,0	130,9	1063,1
Donetsk	851,5	2,4	57,5	235,1
Zhytomyr	2098,5	21,4	72,2	292,6
Zakarpattia	743,7	14,0	43,2	227,6
Zaporizhzhya	1827,5	1,7	122,2	423,7
Ivano-Frankivsk	712,6	10,0	37,4	171,0
Kyiv	746,7	7,8	21,8	215,8
Kirovohrad	1960,1	7,5	94,5	952,5
Luhansk	883,8	3,4	44,4	91,6
Lviv	1647,8	21,2	70,4	258,2
Mykolayiv	1256,6	2,0	38,5	154,1
Odesa	2448,2	5,7	80,0	352,1
Poltava	2088,4	9,5	95,2	553,1
Rivne	1334,7	18,6	50,6	383,3
Sumy	2069,9	8,0	64,5	262,4
Ternopil	943,4	4,2	60,1	248,2
Kharkiv	1459,7	9,2	73,1	603,0
Kherson	1989,1	3,2	105,7	625,0
Khmelnyskiy	1514,7	5,8	87,7	412,3
Cherkasy	1574,2	10,1	53,4	393,8
Chernivtsi	446,7	6,7	24,2	116,2
Chernihiv	2708,9	12,3	71,5	865,0
<b>cities</b>				
Kyiv	984,4	6,0	35,0	378,6
Sevastopol	...	...	...	...

# 14.27. Expenditure on hunting management in 2016, by region

(at current prices; thsd. UAH)

	Total	Including	
		on protection, reproduction, registration of wild animals, regulation of hunting lands	for keeping nurseries, aviaries, farms
<b>Ukraine</b>	<b>284018,2</b>	<b>125199,6</b>	<b>7002,1</b>
Autonomous Republic of Crimea	...	...	...
<b>oblasts</b>			
Vinnitsya	9187,2	3298,7	495,0
Volyn	15296,9	6008,4	19,9
Dnipropetrovsk	10835,7	4351,6	171,2
Donetsk	1700,8	788,0	5,3
Zhytomyr	28079,2	14357,0	1149,7
Zakarpattia	8667,5	2721,3	...
Zaporizhzhya	10072,2	2628,5	90,1
Ivano-Frankivsk	9140,0	3165,9	388,6
Kyiv	22895,7	12767,9	437,0
Kirovohrad	6862,5	2076,1	177,4
Luhansk	1648,7	694,4	...
Lviv	17252,9	6343,4	252,4
Mykolayiv	4269,2	1504,8	34,1
Odesa	5157,8	2933,3	9,2
Poltava	17629,8	8922,1	292,0
Rivne	14563,6	8027,8	185,7
Sumy	11897,0	4055,4	183,2
Ternopil	3451,2	1555,9	152,4
Kharkiv	15999,0	8851,0	1536,1
Kherson	8481,6	3918,8	31,7
Khmelnyskiy	8799,5	2869,2	147,5
Cherkasy	12515,6	8100,4	115,1
Chernivtsi	6237,2	2112,5	89,1
Chernihiv	20110,9	6177,4	627,4
<b>cities</b>			
Kyiv	13266,5	6969,8	412,0
Sevastopol	...	...	...

## FORESTRY

### 14.28. Basic indicators of forestry operations

	2010	2011	2012	2013	2014	2015	2016
Forestry products (goods and services), at current prices, mln. UAH	4097,7	5674,8	5911,6	6363,9	7739,9	10778,2	12838,8
including logging products	3530,2	5023,4	5244,1	4095,8	7181,9	10176,9	12274,3
Marketable timber produced, thsd.cub.m	16146	17510	17507	18022	18333	19268	19606
Main use felling	7239	8012	7790	7840	8219	8392	8425
Forest maintenance and reproduction felling and other measures	8907	9498	9717	9888	10114	10876	11181
Felling area and measures, thsd.ha	402,2	421,8	417,0	415,4	382,6	399,3	386,4
Main use felling	29,1	32,1	30,8	31,8	33,6	34,6	34,7
Forest maintenance and reproduction felling and other measures	373,1	389,7	386,2	383,6	349,0	364,7	351,7
Forest renewal area, thsd.ha	70,1	72,4	70,1	67,7	58,0	60,4	63,2
Reforestation	56,1	55,7	53,5	48,9	38,0	40,4	42,3
Natural reproduction	14,0	16,7	16,6	18,8	20,0	20,0	20,9
Area of transferring forest crops and natural renewal into lands covered with forest vegetation, thsd.ha	54,8	55,6	63,6	64,4	60,7	60,8	56,9
Remainder of the uncleaned areas <sup>1</sup> , thsd.ha	8,1	2,2	1,7	2,9	2,1	2,2	3,1
Remainder of timber on felling areas <sup>1</sup> , thsd.cub.m	595,1	934,9	1322,6	973,0	803,7	699,6	721,8
Forest fires, units	3240	2526	2163	1113	2003	3813	1249
Forest areas suffered from fires, thsd.ha	3,7	1,0	3,5	0,4	13,8	14,7	1,2
Losses caused by fires (at current prices), mln. UAH	26,7	3,2	56,1	1,4	51,7	20,2	8,6

<sup>1</sup> In 2010, as of May 1 of the relevant year, since 2011, end of year



# 14.29. Forestry products (goods and services), by region

(at current prices; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>4097,7</b>	<b>5674,8</b>	<b>5911,6</b>	<b>6363,9</b>	<b>7739,9</b>	<b>10778,2</b>	<b>12838,8</b>
Autonomous Republic of Crimea	37,2	41,9	46,2	44,2	...	...	...
<b>oblasts</b>							
Vinnitsya	160,3	219,9	229,4	233,5	308,1	452,3	566,7
Volyn	211,1	300,5	323,2	336,6	543,4	652,1	795,7
Dnipropetrovsk	30,8	43,2	37,8	36,0	33,7	52,4	40,5
Donetsk	39,9	47,3	42,9	42,9	23,2	32,7	38,7
Zhytomyr	616,3	857,5	864,7	984,0	1244,5	1689,2	2075,0
Zakarpattia	199,2	294,5	333,7	372,2	467,6	549,8	715,3
Zaporizhzhya	23,0	28,1	33,5	32,3	28,8	33,4	22,4
Ivano-Frankivsk	216,0	316,0	353,1	378,9	465,9	653,2	696,7
Kyiv	320,3	437,9	429,1	461,6	546,2	895,6	1030,2
Kirovohrad	46,4	72,5	67,9	68,4	79,2	121,7	176,3
Luhansk	85,3	92,7	98,9	100,7	68,5	66,4	71,7
Lviv	287,4	391,7	376,4	436,4	535,0	788,5	826,9
Mykolayiv	30,8	34,3	36,5	35,8	33,4	37,0	21,6
Odesa	42,7	47,1	48,7	71,5	75,2	83,1	61,9
Poltava	101,7	135,6	147,1	156,9	180,1	245,5	320,7
Rivne	401,6	551,8	575,8	630,2	744,9	1077,4	1303,3
Sumy	271,0	387,0	386,2	378,1	466,3	657,7	824,0
Ternopil	64,5	97,3	95,5	95,6	119,4	182,2	201,1
Kharkiv	100,4	137,9	135,1	134,0	147,4	188,9	260,3
Kherson	43,3	46,1	58,0	60,7	56,0	56,6	37,2
Khmelnyskiy	155,9	204,8	201,1	222,6	295,7	470,2	577,6
Cherkasy	142,6	215,9	244,9	248,3	308,6	477,2	594,2
Chernivtsi	199,9	280,8	293,3	291,3	335,2	417,0	450,0
Chernihiv	243,7	359,1	379,9	429,0	545,5	762,4	968,1
<b>cities</b>							
Kyiv	21,7	27,5	65,9	75,0	88,1	135,7	162,7
Sevastopol	4,7	5,9	6,8	7,2	...	...	...

### 14.30. Marketable timber produced, by region

(thsd.cub.m)

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>16145,6</b>	<b>17510,3</b>	<b>17506,7</b>	<b>18021,9</b>	<b>18333,2</b>	<b>19267,7</b>	<b>19605,7</b>
Autonomous Republic of Crimea	59,3	64,7	69,1	57,9	...	...	...
<b>oblasts</b>							
Vinnitsya	667,3	667,2	664,5	674,8	682,4	686,6	651,2
Volyn	976,7	974,9	1021,8	1023,4	1078,4	1127,6	1181,6
Dnipropetrovsk	44,6	139,1	104,7	70,0	63,0	83,6	100,8
Donetsk	81,2	99,0	84,4	75,9	44,6	88,6	100,1
Zhytomyr	2444,1	2684,9	2677,7	2881,5	3026,1	3127,3	3402,9
Zakarpattia	1003,7	1157,4	1154,9	1188,9	1372,4	1451,2	1323,9
Zaporizhya	28,0	27,0	25,9	25,1	27,1	30,8	29,5
Ivano-Frankivsk	923,2	1005,1	1124,3	1107,4	1141,5	1223,6	1213,2
Kyiv	1274,7	1391,2	1237,3	1357,9	1424,6	1565,8	1661,7
Kirovohrad	182,8	205,9	201,5	189,0	196,1	217,5	225,1
Luhansk	230,3	208,2	192,0	184,4	134,2	169,0	220,3
Lviv	1106,8	1254,4	1146,4	1266,4	1261,9	1284,4	1242,9
Mykolayiv	33,9	33,8	33,8	34,6	34,6	37,2	38,0
Odesa	77,0	78,9	79,9	92,7	90,0	106,2	109,6
Poltava	367,1	381,1	397,8	419,5	437,3	491,3	471,0
Rivne	1409,5	1469,1	1557,4	1615,4	1486,9	1528,9	1690,8
Sumy	962,2	1042,8	1012,6	1027,3	992,0	982,6	980,3
Ternopil	247,2	293,8	287,8	272,4	269,1	279,9	255,4
Kharkiv	421,4	463,0	459,8	405,6	428,3	476,7	486,6
Kherson	127,0	95,5	119,1	131,9	121,5	76,6	59,5
Khmelnyskiy	576,1	616,7	570,1	596,9	615,5	698,6	750,5
Cherkasy	608,0	617,7	633,9	617,7	658,6	699,0	673,5
Chernivtsi	899,9	963,9	971,3	951,1	931,4	828,5	750,9
Chernihiv	1237,9	1412,4	1421,5	1461,9	1522,2	1575,0	1727,7
<b>cities</b>							
Kyiv	152,4	160,2	253,8	286,8	293,5	431,2	258,7
Sevastopol	3,3	2,4	3,5	5,5	...	...	...

# 14.31. Forest felling and measures in 2016, by region

(thsd.ha)

	Area of felling and measures	Including			
		main use felling	forest maintenance and reproduction felling and other measures connected with maintenance of forestry		other measures not connected with maintenance of forestry
			total	of which test felling	
<b>Ukraine</b>	<b>386,4</b>	<b>34,7</b>	<b>350,0</b>	<b>97,5</b>	<b>1,7</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnitsya	16,4	1,5	14,8	6,7	0,1
Volyn	24,5	3,7	20,7	5,6	0,1
Dnipropetrovsk	4,1	—	4,1	0,6	0,0
Donetsk	3,3	—	3,2	0,7	0,1
Zhytomyr	54,0	6,1	47,7	11,5	0,2
Zakarpattia	21,6	1,7	19,8	5,4	0,1
Zaporizhzhya	2,2	—	2,2	0,1	0,0
Ivano-Frankivsk	25,7	2,2	23,1	5,6	0,4
Kyiv	26,2	1,9	24,2	7,1	0,1
Kirovohrad	3,9	0,2	3,7	1,1	0,0
Luhansk	10,7	0,1	10,5	1,5	0,1
Lviv	23,2	3,2	19,8	5,9	0,2
Mykolayiv	2,5	—	2,5	0,3	0,0
Odesa	5,5	—	5,5	2,5	—
Poltava	7,6	0,3	7,3	1,9	0,0
Rivne	29,1	3,4	25,7	6,6	0,0
Sumy	21,4	1,5	19,9	5,4	0,0
Ternopil	7,5	0,9	6,6	3,2	0,0
Kharkiv	14,6	0,3	14,3	3,7	0,0
Kherson	2,3	—	2,3	1,1	0,0
Khmelnyskiy	13,9	1,0	12,9	5,3	0,0
Cherkasy	16,1	1,1	14,8	4,7	0,2
Chernivtsi	14,3	2,0	12,2	5,3	0,1
Chernihiv	25,6	3,4	22,2	4,7	0,0
<b>cities</b>					
Kyiv	10,2	0,2	10,0	1,0	0,0
Sevastopol	...	...	...	...	...

### 14.32. Forest fires in 2016, by region

	Incidents, units	Forest areas suffered from fires, ha	Burned and damaged, cub.m		Sustained losses by forest burned (at current prices), thsd. UAH
			forest on the stump	procured forest products	
<b>Ukraine</b>	<b>1249</b>	<b>1249,1</b>	<b>32559</b>	<b>257</b>	<b>8619,2</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnitsya	—	—	—	—	—
Volyn	26	20,7	—	—	75,5
Dnipropetrovsk	177	76,9	—	—	75,3
Donetsk	29	20,6	—	—	30,5
Zhytomyr	39	7,6	—	—	101,6
Zakarpattia	10	6,4	—	—	—
Zaporizhzhya	109	206,2	668	—	402,6
Ivano-Frankivsk	1	0,2	—	—	—
Kyiv	139	86,1	4500	—	396,1
Kirovohrad	—	—	—	—	—
Luhansk	91	468,4	13330	184	2858,7
Lviv	10	31,2	—	—	460,9
Mykolayiv	50	36,8	6	—	16,2
Odesa	15	25,1	—	—	5,7
Poltava	3	0,5	—	—	4,3
Rivne	16	17,8	58	—	52,3
Sumy	17	7,6	—	—	22,6
Ternopil	2	0,9	109	—	376,0
Kharkiv	40	6,7	—	—	110,5
Kherson	184	104,5	377	—	517,3
Khmelnyskiy	13	2,4	—	—	8,7
Cherkasy	41	9,2	—	—	20,5
Chernivtsi	1	0,6	—	—	40,0
Chernihiv	29	89,9	13511	73	2166,2
<b>cities</b>					
Kyiv	207	22,8	—	—	877,7
Sevastopol	...	...	...	...	...

### 14.33. Forest protection operations

	2010	2011	2012	2013	2014	2015	2016
Total area affected by pests and diseases, end of year, thsd.ha	557,4	765,8	733,9	701,7	650,9	639,2	687,0
Forest protection from pests and diseases, thsd.ha	81,9	141,2	89,7	99,6	31,8	46,0	37,2
by biological methods	68,4	68,4	60,4	61,7	20,8	31,6	29,0
by chemicals	13,5	72,8	29,3	37,9	11,0	14,4	8,2
Pests and diseases liquidated by different methods, thsd.ha	101,0	121,8	215,2	185,8	172,0	123,1	119,0
Death of forestry, ha	20864	16414	20187	16428	17642	27768	19405
of which due to							
pests	1295	1505	1376	1492	1181	1183	2332
diseases	5632	6428	6463	6585	6638	7258	5921
adverse weather conditions	10113	6604	8469	7349	5991	8350	8042
forest fires	3127	909	2915	285	2290	8564	1591

## FISHING

### 14.34. Harvesting of water bio-resources, by type

(t)

	2010	2011	2012	2013	2014	2015	2016
<b>Fish</b>	<b>215017</b>	<b>205285</b>	<b>195490</b>	<b>216354</b>	<b>80958</b>	<b>73963</b>	<b>78490</b>
including							
Grass carp	...	...	...	...	440	485	485
Silverside	...	...	...	...	456	305	166
Bullhead	8888	6765	9163	13349	11851	15651	19507
Pondweed bug	...	...	...	...	124	244	123
Redeye	...	...	...	...	91	147	131
Crucian carp	...	...	...	...	4693	5305	7355
Flounder	215	707	235	722	101	86	142
Sprat	24230	23499	15704	12535	2078	1653	1360
Carp	9858	8762	10357	11524	9697	9807	9081
Bream	2713	2507	2830	3301	2761	2948	3512
Herring	485	432	227	381	90	155	245
Sturgeons	21	30	51	43	66	36	76
Mugil soiuy, mullet	3837	3705	1435	1296	599	379	714
Silver breams	...	...	...	...	777	881	1194
Sardine	22277	19748	9763	4883	6079	... <sup>1</sup>	... <sup>1</sup>
Mackerel	16814	14646	14710	13028	14183	... <sup>1</sup>	... <sup>1</sup>
Fresh-water catfish	207	190	247	360	264	289	293
Horse-mackerel	25852	20431	23417	25149	100	... <sup>1</sup>	6
Pike-perch	367	441	396	398	694	733	913
Roach (dace)	688	871	1540	1405	2283	2412	2847
Silver carp	11752	12139	12146	14778	12454	11523	10877
Black sea sprat	10346	15314	8232	11730	7693	11794	13977
Trout	171	267	236	478	549	405	353
Khamsa	22486	25063	29800	36632	442	1244	2387
Baltic sprat	...	...	...	...	—	535	354
Pike	197	196	256	238	318	297	271
<b>Other water living resources</b>	<b>3664</b>	<b>5897</b>	<b>8436</b>	<b>9448</b>	<b>10294</b>	<b>14589</b>	<b>9953</b>
including							
Crustaceans	41	49	61	4800	9303	13081	7842
Molluscs	2732	3884	8132	3817	634	900	1553

<sup>1</sup> See the footnote to Table 14.16

### 14.35. Harvesting of water bio-resources in 2016, by region

(t)

	Harvesting of water bio-resources			Fish harvested out of the total volume of water bio-resources
	total	inland water bodies	external (sea) economic zone of Ukraine	
<b>Ukraine</b>	<b>88443</b>	<b>40754</b>	<b>40335</b>	<b>78490</b>
Autonomous Republic of Crimea				
<b>oblasts</b>				
Vinnitsya	1990	1990	—	1990
Volyn	539	539	—	539
Dnipropetrovsk	2884	2884	—	2883
Donetsk	4935	2345	2590	4934
Zhytomyr	456	456	—	456
Zakarpattia	742	742	—	742
Zaporizhzhya	28167	1577	26590	27739
Ivano-Frankivsk	561	561	—	561
Kyiv	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Kirovohrad	2109	2109	—	2109
Luhansk	200	200	—	200
Lviv	777	777	—	777
Mykolayiv	1856	1502	354	1793
Odesa	17500	6186	3960	8587
Poltava	1550	1550	—	1550
Rivne	632	632	—	632
Sumy	2310	2310	—	2310
Ternopil	283	283	—	283
Kharkiv	774	774	—	774
Kherson	7095	2673	4422	6552
Khmelnyskiy	531	531	—	531
Cherkasy	6230	6230	—	6229
Chernivtsi	568	568	—	568
Chernihiv	656	656	—	... <sup>1</sup>
<b>cities</b>				
Kyiv	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Sevastopol	...	...	...	...

<sup>1</sup> See the footnote to Table 14.16

## 15. CAPITAL INVESTMENT AND CONSTRUCTION

### 15.1. Capital investment

	Capital investment put into service			Capital investment index, percentage of the previous year
	from all financial sources, at current prices, mln. UAH	of which, from the Central Budget funds		
		at current prices, mln. UAH	percentage of the total	
2010	189061	10952	5,8	...
2011	259932	18395	7,1	118,8
2012	293692	17141	5,8	108,5
2013	267728	6498	2,4	88,9
2014	219420	2739	1,2	75,9
2015	273116	6920	2,5	98,3
2016	359216	9264	2,6	118,0

### 15.2. Selected production capacities put into operation

	2010	2011	2012	2013	2014	2015	2016
Power plants, thsd.kW	344,4	324,1	601,3	623,4	1012,3	33,4	520,0
Step-down transformer substations with the voltage of 35 kV and more, thsd.kV·A	284,1	1251,0	206,6	1376,6	185,2	95,2	271,7
Main gas pipelines and branch pipes, km	91	147	149	74	34	22	27
Wells, pcs							
oil	16	15	5	11	4	13	1
gas	36	38	31	36	5	1	2
Public road with hard coating, km	8	93	102	7	—	0,5	1,6
Capacities for construction bricks production, mln. conventional bricks	3	81	12	33	30	—	—



### 15.3. Agricultural production and capacities of the food-processing industry put into operation

	2010	2011	2012	2013	2014	2015	2016
Premises for livestock (including mechanically operated barns), thsd. places							
for cattle	3,4	23,3	14,4	7,6	10,5	7,4	2,7
for pigs	23,7	15,1	2,8	0,8	15,4	18,5	2,3
for sheep	0,2	—	0,1	—	0,1	0,1	0,2
Irrigated areas, thsd.ha	0,5	0,8	0,3	2,0	3,7	3,5	2,7
Capacities for production of							
bread and bakery products, thsd.t	32,4	32,7	57,1	6,8	11,3	7,6	9,5
meat, thsd.t	17,0	43,0	92,5	84,6	10,0	2,1	149,1
whole milk products, thsd.t	14,7	7,7	122,1	—	0,3	—	—
cheese, thsd.t	20,8	7,7	8,3	0,7	2,0	0,4	0,1
vegetable oil, thsd.t	1096,9	539,5	626,6	1296,1	1422,2	763,4	244,2
canned fruits and vegetables, mln. conventional cans	11,0	20,8	0,5	0,1	—	—	—

### 15.4. Indices of construction output, by type

(percent of the previous year)

	2011	2012	2013	2014	2015	2016
<b>Total</b>	<b>118,6</b>	<b>91,7</b>	<b>88,9</b>	<b>79,6</b>	<b>87,7</b>	<b>117,4</b>
Buildings	114,6	93,5	95,6	79,6	91,9	120,7
residential	101,0	92,4	110,4	103,5	98,9	117,8
non-residential	122,0	94,0	89,0	66,3	85,8	123,7
Engineering structures	122,1	90,2	83,3	79,7	83,7	114,0

### 15.5. Construction output, by type of construction output

(percent)

	2010	2011	2012	2013	2014	2015	2016
<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	43,4	44,5	48,0	48,6	50,3	51,7
residential	16,1	13,4	13,7	17,3	22,1	24,2	24,4
non-residential	29,5	30,0	30,8	30,7	26,5	26,1	27,3
Engineering structures	54,4	56,6	55,5	52,0	51,4	49,7	48,3

**15.6. Indices of construction output, by region***(percent of the previous year)*

	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>118,6</b>	<b>91,7</b>	<b>88,9</b>	<b>79,6</b>	<b>87,7</b>	<b>117,4</b>
Autonomous Republic of Crimea	96,4	86,7	97,4	...	...	...
<b>oblasts</b>						
Vinnitsya	124,0	95,0	87,0	72,8	104,8	143,2
Volyn	127,3	95,9	91,0	86,7	133,8	110,6
Dnipropetrovsk	121,8	93,5	96,0	87,6	91,0	100,0
Donetsk	143,7	93,6	77,3	50,5	41,5	104,7
Zhytomyr	128,3	85,2	82,5	83,8	87,7	139,0
Zakarpattia	105,2	76,5	104,9	88,2	115,2	118,6
Zaporizhzhya	104,3	105,0	80,6	79,5	97,6	98,8
Ivano-Frankivsk	128,6	95,0	117,9	69,1	106,3	103,5
Kyiv	147,3	88,0	102,0	63,3	99,7	133,0
Kirovohrad	129,6	94,8	87,8	77,0	104,7	111,8
Luhansk	102,9	91,2	90,4	46,7	49,2	118,1
Lviv	105,0	80,8	92,8	89,6	120,1	122,3
Mykolayiv	97,9	81,8	68,5	91,4	122,7	116,9
Odesa	107,7	98,7	112,5	94,9	80,2	133,8
Poltava	106,0	97,4	89,3	99,9	84,6	91,5
Rivne	77,7	143,8	77,9	107,1	64,7	83,7
Sumy	112,6	108,6	95,5	90,6	89,3	116,5
Ternopil	79,9	91,6	92,4	102,7	95,9	129,6
Kharkiv	106,0	95,7	86,6	89,6	102,5	131,1
Kherson	110,4	84,9	113,0	72,6	93,8	113,8
Khmelnyskiy	113,5	89,7	110,9	91,2	108,9	107,6
Cherkasy	111,0	77,3	121,7	69,5	95,4	114,7
Chernivtsi	102,4	120,3	84,2	83,4	89,0	99,5
Chernihiv	120,2	93,3	83,5	134,8	64,7	100,3
<b>cities</b>						
Kyiv	131,0	84,7	81,8	80,4	86,2	126,7
Sevastopol	114,1	87,3	112,2	...	...	...

**RESIDENTIAL, SOCIAL AND CULTURAL CONSTRUCTION****15.7. Residential buildings put into service and the number of apartments built<sup>1</sup>**

	2010	2011	2012	2013	2014	2015	2016
Put into service, thsd.sq.m							
of total size	9339	9410	10750	11217	9741	11044	9367
in urban areas	6304	6965	7539	7672	6645	7465	6503
in rural areas	3035	2445	3211	3545	3096	3579	2864
Apartments built, thsd.	77	83	91	102	105	120	113
in urban areas	57	66	70	75	77	89	85
in rural areas	20	17	21	27	28	31	28
<b>Per 1000 population</b>							
Put into service, sq.m of total size	204	207	237	248	227	259	220
in urban areas	202	224	242	247	225	254	222
in rural areas	210	170	225	249	232	269	217
Apartments built	1,7	1,8	2,0	2,3	2,5	2,8	2,6
in urban areas	1,8	2,1	2,2	2,4	2,6	3,0	2,9
in rural areas	1,4	1,1	1,5	1,9	2,1	2,4	2,1

<sup>1</sup> Here and elsewhere (Table 15.8–15.10), including data on housing put into service according to procedures (Ukraine Ministry of Regional Development, Construction and Public Utilities' Decree 79 of April 24, 2015 and Decree 95 of March 19, 2013 and Decree 91 of June 24, 2011, and Ukraine Cabinet of Ministers' regulation 1035 of September 09, 2009)

**15.8. Residential buildings put into service, by region***(thsd.sq.m of total size)*

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>9339</b>	<b>9410</b>	<b>10750</b>	<b>11217</b>	<b>9741</b>	<b>11044</b>	<b>9367</b>
Autonomous Republic of Crimea	535	504	733	963	...	...	...
<b>oblasts</b>							
Vinnitsya	292	321	322	352	288	391	350
Volyn	175	200	304	225	228	329	364
Dnipropetrovsk	226	235	267	306	205	340	293
Donetsk	293	289	346	416	191	43	58
Zhytomyr	201	162	174	175	118	213	166
Zakarpattia	293	326	366	380	395	442	336
Zaporizhzhya	144	62	194	180	112	101	108
Ivano-Frankivsk	600	580	533	631	909	856	481
Kyiv	1184	1050	1167	1515	1727	1864	2060
Kirovohrad	98	76	130	109	57	117	54
Luhansk	147	116	177	178	55	22	7
Lviv	642	723	732	675	954	1165	859
Mykolayiv	133	119	120	122	105	168	106
Odesa	640	793	770	637	891	632	576
Poltava	246	175	177	198	174	266	137
Rivne	207	229	239	270	279	361	324
Sumy	182	185	196	143	137	157	110
Ternopil	288	289	409	395	239	480	234
Kharkiv	416	335	380	392	281	384	469
Kherson	182	135	176	190	121	113	82
Khmelnyskiy	362	298	359	290	351	469	405
Cherkasy	187	111	131	130	127	193	126
Chernivtsi	294	217	407	341	235	382	222
Chernihiv	160	158	191	191	120	190	106
<b>cities</b>							
Kyiv	1012	1501	1503	1509	1442	1366	1334
Sevastopol	200	221	247	304	...	...	...

**15.9. Residential buildings put into service in urban areas, by region***(thsd.sq.m of total size)*

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>6304</b>	<b>6965</b>	<b>7539</b>	<b>7672</b>	<b>6645</b>	<b>7465</b>	<b>6503</b>
Autonomous Republic of Crimea	378	383	532	691	...	...	...
<b>oblasts</b>							
Vinnysya	186	214	214	209	200	251	277
Volyn	94	111	170	106	111	165	183
Dnipropetrovsk	181	196	222	239	169	259	264
Donetsk	253	258	302	351	158	36	52
Zhytomyr	109	119	119	115	67	140	117
Zakarpattia	138	163	178	185	190	199	156
Zaporizhzhya	107	45	158	134	96	85	98
Ivano-Frankivsk	322	364	299	292	523	400	210
Kyiv	488	419	457	599	708	832	884
Kirovohrad	64	59	92	79	42	86	40
Luhansk	127	99	147	154	51	18	6
Lviv	404	526	455	432	647	822	653
Mykolayiv	119	105	101	109	92	141	98
Odesa	419	597	529	430	557	530	390
Poltava	179	125	127	123	129	181	83
Rivne	107	137	127	149	172	204	177
Sumy	145	148	152	113	113	132	93
Ternopil	188	224	268	250	187	300	187
Kharkiv	333	276	299	330	251	340	431
Kherson	127	77	103	134	81	81	71
Khmelnyskiy	277	250	299	232	311	411	350
Cherkasy	123	85	98	98	103	148	105
Chernivtsi	133	141	220	173	147	191	162
Chernihiv	103	127	139	141	98	147	82
<b>cities</b>							
Kyiv	1012	1501	1503	1509	1442	1366	1334
Sevastopol	188	216	229	295	...	...	...

**15.10. Residential buildings put into service in rural areas, by region***(thsd.sq.m of total size)*

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>3035</b>	<b>2445</b>	<b>3211</b>	<b>3545</b>	<b>3096</b>	<b>3579</b>	<b>2864</b>
Autonomous Republic of Crimea	157	121	201	272	...	...	...
<b>oblasts</b>							
Vinnysya	106	107	108	143	88	140	73
Volyn	81	89	134	119	117	164	181
Dnipropetrovsk	45	39	45	67	36	81	29
Donetsk	40	31	44	65	33	7	6
Zhytomyr	92	43	55	60	51	73	49
Zakarpattia	155	163	188	195	205	243	180
Zaporizhzhya	37	17	36	46	16	16	10
Ivano-Frankivsk	278	216	234	339	386	456	271
Kyiv	696	631	710	916	1019	1032	1176
Kirovohrad	34	17	38	30	15	31	14
Luhansk	20	17	30	24	4	4	1
Lviv	238	197	277	243	307	343	206
Mykolayiv	14	14	19	13	13	27	8
Odesa	221	196	241	207	334	102	186
Poltava	67	50	50	75	45	85	54
Rivne	100	92	112	121	107	157	147
Sumy	37	37	44	30	24	25	17
Ternopil	100	65	141	145	52	180	47
Kharkiv	83	59	81	62	30	44	38
Kherson	55	58	73	56	40	32	11
Khmelnyskiy	85	48	60	58	40	58	55
Cherkasy	64	26	33	32	24	45	21
Chernivtsi	161	76	187	168	88	191	60
Chernihiv	57	31	52	50	22	43	24
<b>city</b>							
Sevastopol	12	5	18	9	...	...	...

**15.11. Capacity of social and cultural facilities put into service**

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>							
Pre-school educational institutions, places	550	3120	2382	3900	1691	3455	4568
Secondary educational institutions, thsd. places	7,1	14,6	8,5	5,6	2,6	1,3	2,9
Institutions of higher education <sup>1</sup>							
1 <sup>st</sup> –2 <sup>nd</sup> levels of accreditation, thsd.sq.m of total school facilities	1,1	—	5,0	4,1	—	—	—
3 <sup>rd</sup> –4 <sup>th</sup> levels of accreditation, thsd.sq.m of total schools facilities	17,4	21,9	22,2	34,2	10,0	1,0	12,4
Hospitals, beds	1051	787	1082	910	207	442	495
Out-patient clinics, visits per shift	5271	6440	4097	3763	3455	2944	4004
Care homes for the aged and disabled, places	98	93	34	18	21	—	25
Club-houses, seats	1250	1720	1726	1574	300	228	950
<b>including in rural areas</b>							
Pre-school educational institutions, places	320	1111	1079	1135	742	746	1918
Secondary educational institutions, thsd. places	3,6	6,7	4,5	3,2	1,1	0,9	1,3
Hospitals, beds	8	21	—	—	15	—	100
Out-patient clinics, visits per shift	522	586	507	168	366	126	342
Care homes for the aged and disabled, places	98	27	34	18	—	—	—
Club-houses, seats	150	1421	676	1395	100	228	850

<sup>1</sup> In 2010–2015, institutions of higher education 1<sup>st</sup>–2<sup>nd</sup> levels of accreditation and 3<sup>rd</sup>–4<sup>th</sup> levels of accreditation, since 2016 – colleges, technical secondary schools, vocational schools and universities, academies, institutes respectively

## 16. TRANSPORT AND COMMUNICATIONS

### 16.1. Volume indices of freight shipped, by mode of transport

(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016
<b>Transport</b>	<b>109</b>	<b>107</b>	<b>98</b>	<b>99</b>	<b>90</b>	<b>91</b>	<b>105</b>
land	109	107	98	99	90	91	105
rail <sup>1</sup>	111	108	97,5	97	89	91	98
road <sup>2</sup>	109	107	101	100	92	90	106
pipeline	99	101	83	98	80	98	110
water	113	89	79	81	102	108	104
sea	87	102	83	99	95	117	92
river	136	82	75	66	111	100	115
air <sup>3</sup>	103	105	133	81	85	88	107

<sup>1</sup> According to data from the public joint-stock company *Ukrainian rail*

<sup>2</sup> Including transportations made for own needs and commercial cargo transportations made by natural persons-entrepreneurs

<sup>3</sup> According to data from the State Aviation Administration of Ukraine

### 16.2. Volume indices for passenger transport

(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016
<b>Transport</b>	<b>94</b>	<b>102</b>	<b>98</b>	<b>97</b>	<b>95</b>	<b>88</b>	<b>94</b>
land	94	102	98	97	95	88	94
rail <sup>1</sup>	100	101	100	99	96	100	99,8
bus <sup>2</sup>	93	97	96	97	91	77	90
tram	91	112	100	95	103	96	94
trolley-buses	94	112	100	97	99	99	96
subway	101	102	99,5	100	94	96	99,7
water	99	105	83	109	89	97	83
sea	107	106	84	112	83	87	119
river	65	98	75	87	90	97	81
air <sup>3</sup>	119	123	108	100	83	97	131

<sup>1</sup> See the first footnote to Table 16.1. Including passengers transported by city rail

<sup>2</sup> Including automobile passenger transportation by small businesses (natural and legal persons)

<sup>3</sup> See the third footnote to Table 16.1



**16.3. Freight shipped, by mode of transport***(mln.t)*

	2010	2011	2012	2013	2014	2015	2016
<b>Transport</b>	<b>1765</b>	<b>1887</b>	<b>1853</b>	<b>1837</b>	<b>1623</b>	<b>1474</b>	<b>1542</b>
land	1754	1877	1845	1831	1617	1468	1535
rail <sup>1</sup>	433	469	457	444	386	350	343
road <sup>2</sup>	1168	1253	1260	1261	1131	1021	1085
pipelines	153	155	128	126	100	97	107
water	11	10	8	6	6	6	7
sea	4	4	4	3	3	3	3
river	7	6	4	3	3	3	4
air <sup>3</sup>	0,1	0,1	0,1	0,1	0,1	0,1	0,1

<sup>1</sup> See the first footnote to Table 16.1<sup>2</sup> See the second footnote to Table 16.1<sup>3</sup> See the third footnote to Table 16.1**16.4. Freight traffic, by mode of transport***(bln.tkm)*

	2010	2011	2012	2013	2014	2015	2016
<b>Transport</b>	<b>418,7</b>	<b>445,7</b>	<b>412,6</b>	<b>399,6</b>	<b>353,6</b>	<b>334,7</b>	<b>344,2</b>
land	409,3	438,0	406,9	394,7	348,0	329,1	340,0
rail <sup>1</sup>	218,1	243,9	237,7	224,4	210,2	195,1	187,6
road <sup>2</sup>	53,9	57,3	57,5	58,7	56,0	53,3	58,0
pipelines	137,3	136,8	111,7	111,6	81,8	80,7	94,4
water	9,0	7,3	5,3	4,6	5,4	5,4	4,0
sea	5,2	5,1	3,6	3,2	4,1	3,9	2,5
river	3,8	2,2	1,7	1,4	1,3	1,6	1,5
air <sup>3</sup>	0,4	0,4	0,4	0,3	0,2	0,2	0,2

<sup>1</sup> See the first footnote to Table 16.1<sup>2</sup> See the second footnote to Table 16.1<sup>3</sup> See the third footnote to Table 16.1**16.5. Freight shipped, by rail of general use<sup>1</sup>***(mln.t)*

	2010	2011	2012	2013	2014	2015	2016
<b>Total shipment</b>	<b>433</b>	<b>469</b>	<b>457</b>	<b>444</b>	<b>386</b>	<b>350</b>	<b>343</b>
coal	118	123	122	119	...	73	73
coke	11	12	12	12	...	8	8
oil and oil products	31	33	27	23	...	17	15
ferrous metals	40	43	39	39	...	29	29
timber	5	5	4	5	...	5	4
bread	13	15	24	23	...	29	32
ore	82	89	87	88	...	85	77
cement	6	7	6	6	...	6	6
chemical and mineral fertilisers	12	15	13	11	...	10	11
other freight	115	127	123	118	...	88	88

<sup>1</sup> See the first footnote to Table 16.1

**16.6. Freight shipped by road, by region<sup>1</sup>***(mln.t)*

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>1168,2</b>	<b>1252,4</b>	<b>1259,7</b>	<b>1260,8</b>	<b>1131,3</b>	<b>1020,6</b>	<b>1085,2</b>
Autonomous Republic of Crimea	22,4	18,5	16,5	17,6	...	...	...
<b>oblasts</b>							
Vinnitsya	30,1	34,2	34,7	33,2	32,8	30,0	28,9
Volyn	10,1	11,5	11,7	10,4	10,1	10,6	12,5
Dnipropetrovsk	359,2	355,9	345,1	376,1	361,7	300,4	284,1
Donetsk	149,8	166,3	174,4	168,1	68,0	77,0	118,5
Zhytomyr	40,1	44,5	46,7	45,4	47,1	52,1	39,9
Zakarpattia	11,9	11,3	10,1	9,5	8,9	9,1	9,4
Zaporizhzhya	64,9	61,8	51,4	35,1	31,4	28,5	29,0
Ivano-Frankivsk	9,1	9,2	9,8	9,3	10,7	14,3	15,7
Kyiv	41,0	42,3	44,6	37,3	36,9	40,6	48,4
Kirovohrad	28,1	33,3	30,7	34,2	45,7	43,8	38,8
Luhansk	24,3	26,3	24,7	28,7	26,9	27,3	16,1
Lviv	19,5	22,2	23,4	21,4	20,9	20,6	21,2
Mykolayiv	21,9	21,8	20,5	19,5	19,4	19,5	23,0
Odesa	26,3	26,0	25,2	22,7	21,0	22,2	22,6
Poltava	142,1	182,7	209,8	220,6	213,8	161,4	193,1
Rivne	13,7	14,7	13,7	13,4	12,2	12,5	14,8
Sumy	10,8	11,6	11,7	11,4	12,2	11,6	11,6
Ternopil	9,6	11,6	16,0	15,6	17,3	13,8	14,7
Kharkiv	28,8	28,5	29,9	29,5	29,1	28,3	29,7
Kherson	13,6	15,0	12,2	12,2	11,4	10,9	11,1
Khmelnyskiy	21,4	22,5	22,9	23,1	25,9	27,6	29,7
Cherkasy	24,1	32,9	27,7	24,1	32,3	25,0	31,4
Chernivtsi	7,2	7,1	6,1	4,9	5,1	4,7	5,3
Chernihiv	12,4	13,2	12,9	12,7	11,7	10,3	11,9
<b>cities</b>							
Kyiv	19,0	20,4	19,3	17,8	18,8	18,5	23,8
Sevastopol	6,8	7,1	8,0	7,0	...	...	...

<sup>1</sup> See the second footnote to Table 16.1

**16.7. Road freight traffic, by region<sup>1</sup>**

(mln.tkm)

	2010	2011	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>53918,4</b>	<b>57308,1</b>	<b>57452,9</b>	<b>58683,1</b>	<b>55963,5</b>	<b>53293,4</b>	<b>58047,9</b>
Autonomous Republic of Crimea	895,9	952,6	899,1	1093,3	...	...	...
<b>oblasts</b>							
Vinnitsya	1532,8	1729,8	1848,6	1950,8	1894,7	1650,9	1813,3
Volyn	1690,5	1671,7	1839,3	1755,2	1622,7	1838,4	2108,6
Dnipropetrovsk	3587,1	3805,5	3738,0	3730,1	3798,3	3641,6	4421,4
Donetsk	2897,1	3258,1	3793,4	4393,2	4125,9	2238,3	2227,8
Zhytomyr	1038,1	1184,6	1168,7	1121,6	1097,2	1014,6	1035,5
Zakarpattia	2754,3	3097,2	3493,2	4149,5	4410,7	4676,1	4857,5
Zaporizhzhya	1758,7	1747,2	1841,7	1633,9	1409,5	1278,4	1383,4
Ivano-Frankivsk	1477,4	1554,9	1565,5	1361,6	1491,7	1507,5	1649,4
Kyiv	4147,4	4190,4	4017,5	3414,8	3172,8	3424,2	3905,5
Kirovohrad	1083,1	1136,8	1089,1	1214,8	2051,2	1738,8	1195,0
Luhansk	2706,3	3066,1	2388,5	3186,6	1790,0	1203,6	860,1
Lviv	3878,0	3580,2	4198,6	4367,9	4564,4	4344,8	4507,4
Mykolayiv	1393,4	2156,0	1669,6	1306,7	1324,5	1268,7	1406,7
Odesa	2531,0	2509,0	2555,2	2778,2	2707,9	2776,8	2796,2
Poltava	2776,7	3491,8	3249,1	3286,4	2644,3	3158,6	3528,9
Rivne	1518,4	1355,3	1335,3	1321,4	1304,0	1247,7	1729,1
Sumy	670,0	760,8	811,1	803,6	755,8	651,2	666,2
Ternopil	1034,6	1071,7	1250,8	1089,0	1385,2	1123,0	1317,5
Kharkiv	3156,5	3213,2	3411,9	3413,6	2705,1	2653,1	3785,0
Kherson	1139,1	1292,1	1360,2	1326,2	1429,5	1269,1	1265,6
Khmelnyskiy	2044,8	2231,4	2246,3	2392,0	2325,7	2344,7	2241,0
Cherkasy	1675,3	1947,4	1856,7	1472,6	2335,3	2599,8	1990,8
Chernivtsi	1026,7	1076,7	1125,0	1151,6	1049,0	1035,1	1125,2
Chernihiv	1201,2	1323,6	971,6	860,1	827,0	719,4	1087,0
<b>cities</b>							
Kyiv	4130,2	3804,7	3610,3	3947,1	3741,1	3889,0	5143,8
Sevastopol	173,8	99,3	118,6	161,3	...	...	...

<sup>1</sup> See the second footnote to Table 16.1**16.8. Freight transported by pipelines**

(mln.t)

	2010	2011	2012	2013	2014	2015	2016
<b>Total shipment</b>	<b>153</b>	<b>155</b>	<b>128</b>	<b>126</b>	<b>100</b>	<b>97</b>	<b>107</b>
Gas	121	127	108	106	80	78	89
Oil	30	25	17	17	17	17	15
Ammonium	2	3	3	3	2	2	2

**16.9. Total passengers transported, by mode of transport***(mln.)*

	2010	2011	2012	2013	2014	2015	2016
<b>Transport</b>	<b>6845</b>	<b>6980</b>	<b>6813</b>	<b>6623</b>	<b>5902</b>	<b>5167</b>	<b>4854</b>
land	6831	6964	6798	6607	5895	5160	4845
rail <sup>1</sup>	427	430	429	425	389	390	389
bus <sup>2</sup>	3726	3612	3450	3344	2913	2250	2025
tram	714	798	800	757	770	739	694
trolley-bus	1204	1346	1345	1306	1097	1081	1039
subway	760	778	774	775	726	700	698
water	8	8	7	7	1	1	1
sea	7	7	6	7	0	0	0
river	1	1	1	0	1	1	1
air <sup>3</sup>	6	8	8	8	6	6	8

<sup>1</sup> See the first footnote to Table 16.2<sup>2</sup> See the second footnote to Table 16.2<sup>3</sup> See the third footnote to Table 16.1

In 2016 automobile transportation of passengers by small businesses amounted to 701 mln. passengers.

**16.10. Passenger traffic by mode of transport***(bln. passengers.km)*

	2010	2011	2012	2013	2014	2015	2016
<b>Transport</b>	<b>130,0</b>	<b>134,1</b>	<b>132,3</b>	<b>128,3</b>	<b>106,3</b>	<b>97,0</b>	<b>102,2</b>
land	118,9	120,2	117,8	115,6	94,8	85,6	86,7
rail <sup>1</sup>	50,2	50,6	49,3	49,0	35,9	35,4	36,8
bus <sup>2</sup>	52,0	51,5	50,3	49,0	42,6	34,6	34,6
tram	4,0	4,4	4,5	4,1	4,3	4,2	4,0
trolley-bus	6,9	7,8	7,8	7,6	6,4	6,1	5,9
subway	5,8	5,9	5,9	5,9	5,6	5,4	5,4
water	0,1	0,1	0,1	0,1	0,0	0,0	0,0
sea	0,1	0,1	0,1	0,1	0,0	0,0	0,0
river	0,0	0,0	0,0	0,0	0,0	0,0	0,0
air <sup>3</sup>	11,0	13,8	14,4	12,6	11,6	11,4	15,5

<sup>1</sup> See the first footnote to Table 16.2<sup>2</sup> See the second footnote to Table 16.2<sup>3</sup> See the third footnote to Table 16.1

**16.11. Passenger transport, by type of journey and selected mode of transport**  
*(mln.)*

	2010	2011	2012	2013	2014	2015	2016
<b>Intercity transportation</b>	<b>227</b>	<b>241</b>	<b>230</b>	<b>225</b>	<b>175</b>	<b>170</b>	<b>175</b>
rail (long-distance) <sup>1</sup>	62	64	59	56	39	40	43
sea (including commuter)	7	7	6	7	0	0	0
air <sup>2</sup>	6	8	8	8	6	6	8
bus <sup>3</sup>	148	156	151	148	130	124	124
trolley-bus	4	6	6	6	...	...	...
<b>Intracity transportation</b>	<b>5597</b>	<b>5729</b>	<b>5577</b>	<b>5407</b>	<b>4837</b>	<b>4186</b>	<b>3925</b>
bus <sup>3</sup>	2923	2813	2664	2575	2244	1666	1494
trolley-bus	1200	1340	1339	1300	1097	1081	1039
tram	714	798	800	757	770	739	694
subway	760	778	774	775	726	700	698
<b>Commuter transportation</b>	<b>1021</b>	<b>1010</b>	<b>1006</b>	<b>990</b>	<b>890</b>	<b>811</b>	<b>754</b>
rail <sup>4</sup>	365	366	370	369	350	350	346
river	1	1	1	0	1	1	1
bus <sup>3</sup>	655	643	635	621	539	460	407

<sup>1</sup> See the first footnote to Table 16.1<sup>3</sup> See the third footnote to Table 16.1<sup>3</sup> See the second footnote to Table 16.2<sup>4</sup> See the first footnote to Table 16.2

**16.12. Rolling stock, by mode of transport and purpose***(end of year; units)*

	2010	2011	2012	2013	2014	2015	2016
<b>Rail transport<sup>1</sup></b>							
diesel locomotives	2539	2513	2424	2320	2152	2151	2151
electric locomotives	1861	1858	1824	1765	1720	1720	1720
steam locomotives	51	40	37	36	24	24	24
freight stock <sup>2</sup> , thsd.	120,6	111,9	125,2	116,1	111,5	107,9	104,2
passenger stock, thsd.	7,3	7,1	6,8	6,2	5,4	5,2	4,5
<b>River boats<sup>3</sup></b>	<b>2064</b>	<b>2040</b>	<b>2040</b>	<b>2040</b>	<b>1261</b>	<b>1321</b>	<b>1312</b>
<b>Sea crafts<sup>3</sup></b>	<b>1084</b>	<b>910</b>	<b>910</b>	<b>910</b>	<b>2414</b>	<b>2485</b>	<b>2491</b>
<b>Electric transport</b>							
trolley-bus	3710	3714	3596	3570	3032	2792	2856
tram-cars	2522	2412	2314	2277	2201	1961	1988
transit vehicles	1119	1128	1136	1160	1190	1195	1195
<b>Airplanes and helicopters</b>	<b>395<sup>4</sup></b>	<b>350<sup>5</sup></b>	<b>337<sup>5</sup></b>	<b>269<sup>5</sup></b>	<b>222<sup>5</sup></b>	<b>196<sup>5</sup></b>	<b>208<sup>5</sup></b>

<sup>1</sup> See the first footnote to Table 16.1<sup>2</sup> The inventory number of the public joint-stock company *Ukrainian rail* freight wagons, since 2012 including the number of the own wagons that belong to enterprises directly subordinated to the public joint-stock company *Ukrainian rail*<sup>3</sup> Vessels of enterprises functioning in all economic industries, which not fit for service. Data on the availability of river and sea transport for 2010 – data for 2008, for 2012/2013 – data for 2011 (survey every three years), for 2014/2015 – river transport according to data from the State Inspection of Ukraine on safety in maritime and river transport (Ukrmorrichinspektiya), sea transport – according to data from the Ukrmorrichinspektiya and the State Agency for Fisheries of Ukraine, for 2016 – river transport according to data from the State Service of Ukraine on Transport Safety (Ukrtransbezpeka), sea transport according to data from the Ukrtransbezpeka and Derzhrybagentstvo<sup>4</sup> According to data from the Ministry of Infrastructure of Ukraine<sup>5</sup> See the third footnote to Table 16.1

**16.13. Operational length of transport network***(thsd.km)*

	2010	2011	2012	2013	2014	2015	2016
Public railroads <sup>1</sup>	21,7	21,6	21,6	21,6	20,9	21,0	21,0
Public navigable river routes	2,2	2,1	2,1	2,1	1,6	1,6	1,6
Public automobile roads <sup>2</sup>	169,5	169,6	169,7	169,6	163,0	163,0	163,0
including with hard coating	165,8	166,0	166,1	166,1	159,5	159,4	159,5
Trolley-bus routes (single-track)	4,4	4,4	4,4	4,4	3,6	3,3	3,3
Tram routes (single-track railroads)	2,0	2,0	1,9	1,9	1,8	1,6	1,6
Subways (double-track railroads), km	108,4	109,9	110,8	112,3	112,3	112,3	113,4

<sup>1</sup> See the first footnote to Table 16.1<sup>2</sup> According to data from the State Highway Agency of Ukraine**16.14. Traffic accidents on roads and streets***(source: the Ministry of Internal Affairs of Ukraine)*

	2010	2011	2012	2013	2014	2015	2016
Traffic accidents, thsd.	204,2	186,2	196,4	191,0	151,6	138,5	158,8
including those with victims	31,9	31,3	30,7	30,7	25,9	25,5	26,8
of which fatal accidents	4,2	4,3	4,5	4,3	...	3,6	3,0
Accident victims, thsd. persons	43,9	43,1	42,6	42,4	36,4	35,6	37,0
killed	4,9	4,9	5,1	4,8	4,4	4,0	3,4
injured	39,0	38,2	37,5	37,5	32,0	31,6	33,6
Traffic accidents in cities, towns and villages <sup>1</sup> , thsd.	148,7	137,7	147,1	142,4	133,2	102,7	128,3
of which							
killed, thsd. persons	2,2	2,2	2,1	2,3	...	2,1	1,7
injured, thsd. persons	26,7	25,9	25,3	25,7	...	22,8	25,1

<sup>1</sup> Total road traffic accidents, i.e. including those that resulted in property damage without victims

**16.15. Revenues of post and communication services***(at current prices including VAT; mln. UAH)*

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>	<b>47417</b>	<b>50281</b>	<b>52271</b>	<b>52492</b>	<b>52434</b>	<b>55896</b>	<b>61911</b>
by type of communication							
post	2941	3092	3274	3370	3216	3426	3998
telegraph	46	38	38	28	23	16	12
telephone							
urban and rural	4234	4494	5320	6031	5851	5799	4778
intercity (including international)	3962	3482	3019	2288	2207	2046	1740
courier activity	307	364	358	338	307	604	825
wire radio broadcasting	202	185	232	219	202	186	178
special and communication service	128	131	143	129	141	118	121
TV and radio broadcasting	1917	2093	2287	2298	2159	2431	2769
of which cable TV	1356	1466	1550	1560	1449	1545	1630
computer <sup>1</sup>	4237	4749	5402	5697	6190	7144	9102
of which provision of Internet access	3805	4261	4673	4908	5349	6130	6645
mobile	28835	31028	31554	31406	31566	33206	34077
other type of communication	607	624	644	688	572	920	4311

<sup>1</sup> Since 2016 – Internet services



**16.16. Revenues of post and communication services to households***(at current prices including VAT; mln. UAH)*

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>	<b>18015</b>	<b>18449</b>	<b>33795</b>	<b>33899</b>	<b>32465</b>	<b>31887</b>	<b>33926</b>
by type of communication							
post	578	594	590	609	596	835	1009
telegraph	13	10	11	8	6	4	3
telephone							
urban and rural	2779	3039	3271	3381	3055	2973	2845
intercity (including international)	1744	906	763	583	481	367	380
courier activity	7	9	5	9	10	207	36
wire radio broadcasting	167	152	193	183	170	154	146
TV and radio broadcasting	1341	1437	1518	1526	1416	1508	1858
of which cable TV	1328	1425	1511	1521	1411	1501	1589
computer <sup>1</sup>	2277	2646	2925	3285	3734	4126	6477
of which provision of Internet access	2271	2641	2920	3275	3729	4122	4407
mobile	9109	9656	24518	24314	22996	21673	21029
other type of communication	0	0	0	1	1	40	144

<sup>1</sup> See the footnote to Table 16.15

**16.17. Post and communication services**

	2010	2011	2012	2013	2014	2015	2016
Dispatched, mln.							
newspapers and magazines	1089	1006	1019	918	678	...	541
letters	311	320	387	310	256	190	368
telegrams	2	1	1	1	1	1	0,3
parcels	18	18	45	19	17	21	33
post transfers and pension payments	149	126	121	115	100	84	81
Per capita of present population							
dispatched, units							
letters	7	7	8	7	6	4	9
telegrams	0,04	0,03	0,02	0,02	0,01	0,01	0,01
parcels	0,4	0,4	1	0,4	0,4	0,5	0,8

**16.18. Availability of telephones to households**

	2010	2011	2012	2013	2014	2015	2016
<i>(units)</i>							
Private telephone lines (per 100 households) <sup>1</sup>	61	60	58	56	52	48	44
Payphones (per 100 thsd. population) <sup>2</sup>	60	50	22	18	15	16	14

<sup>1</sup> Including departmental, since 2016, including the telephone receivers with the use of wireless access<sup>2</sup> Local, intercity, international and universal

## 17. FOREIGN ECONOMIC ACTIVITY

### 17.1. Foreign trade in goods, by country

(mln. USD)

	Exports				Imports			
	2010	2014	2015	2016	2010	2014	2015	2016
<b>Total</b>	<b>51405,2</b>	<b>53901,7</b>	<b>38127,1</b>	<b>36361,7</b>	<b>60742,2</b>	<b>54428,7</b>	<b>37516,4</b>	<b>39249,8</b>
of which								
Australia	23,6	18,2	10,7	12,8	246,6	139,2	159,3	109,2
Austria	508,0	530,9	347,2	361,3	697,6	606,3	369,6	465,1
Azerbaijan	610,8	591,5	318,8	248,0	951,2	45,3	30,3	39,7
Albania	48,3	24,5	24,9	25,8	0,7	1,3	2,9	3,8
Algeria	159,3	210,2	205,6	236,8	4,9	19,3	17,1	6,8
Argentina	39,8	19,9	9,6	1,9	106,1	72,1	52,6	66,4
Afghanistan	14,0	10,2	9,0	6,7	0,5	1,0	0,3	0,0
Bangladesh	112,7	152,9	207,0	327,5	17,8	68,0	54,0	58,0
Belgium	356,9	425,2	296,8	251,5	588,3	553,4	366,8	450,2
Belize	5,1	0,4	3,7	0,9	0,7	5,6	0,0	0,7
Belarus	1899,2	1617,1	870,7	903,2	2567,6	3970,8	2449,1	2777,8
Bulgaria	450,6	550,6	419,5	418,2	218,0	238,4	253,1	172,9
Bosnia and Herzegovina	14,9	10,8	7,4	9,2	7,6	29,3	9,7	10,8
Brazil	359,9	110,2	33,5	20,5	459,7	261,2	166,1	193,1
United Kingdom	506,5	589,2	367,9	317,8	821,0	692,0	570,1	709,3
Vietnam	136,7	126,3	87,0	77,8	117,6	290,3	252,0	304,2
Virgin Islands, British	379,1	110,7	8,1	8,9	0,7	1,1	0,4	0,0
Armenia	201,3	173,4	101,6	88,9	17,9	13,3	7,4	8,2
Ghana	57,5	28,7	37,5	25,6	209,4	105,5	104,2	87,9
Guyana	0,2	1,2	—	0,1	44,8	47,8	55,2	40,3
Guatemala	7,2	4,7	6,5	0,4	7,2	67,7	89,0	76,8
Guinea	13,6	13,5	13,3	17,4	106,1	106,1	114,1	95,1
Hong Kong	26,3	25,9	15,4	49,0	30,6	17,2	12,2	17,6
Greece	164,0	201,2	153,8	159,1	104,1	308,5	238,6	233,6
Georgia	527,5	488,0	402,7	390,8	136,1	153,7	61,8	65,8

## FOREIGN ECONOMIC ACTIVITY

Table 17.1 continued

	Exports				Imports			
	2010	2014	2015	2016	2010	2014	2015	2016
Denmark	124,5	125,8	144,7	155,5	240,5	234,9	147,6	184,2
Ecuador	11,8	5,5	1,8	2,9	161,2	212,2	119,4	117,2
Estonia	106,3	82,3	66,2	98,0	123,4	77,3	77,5	66,6
Ethiopia	65,9	133,7	138,0	124,4	1,0	1,4	1,4	3,1
Egypt	1328,0	2862,1	2079,8	2266,5	84,2	91,1	55,6	48,7
Yemen	20,0	58,0	14,8	3,4	0,1	0,3	0,1	0,0
Israel	467,6	593,1	597,1	488,6	91,5	325,6	169,9	184,8
India	1426,0	1815,8	1444,1	1903,1	680,7	656,8	443,7	486,1
Indonesia	352,6	168,3	185,9	366,4	408,6	272,6	168,8	226,7
Iraq	345,0	710,6	472,5	374,4	0,5	43,8	0,0	—
Iran, Islamic Republic of	1030,7	703,4	533,6	705,2	49,9	53,0	30,5	40,0
Ireland	4,5	69,5	59,2	45,5	112,1	134,0	75,4	84,7
Iceland	0,1	0,2	0,3	0,6	51,9	41,3	31,2	64,3
Spain	411,7	1166,6	1043,6	1004,5	468,6	607,6	440,8	500,9
Italy	2412,4	2468,3	1979,8	1929,6	1390,3	1509,0	976,3	1358,2
Jordan	518,5	314,8	135,8	144,5	21,1	26,1	4,8	9,1
Kazakhstan	1300,4	1069,4	712,7	400,1	766,2	380,6	377,6	434,3
Canada	73,3	72,6	30,2	28,9	160,2	191,5	206,3	217,3
Qatar	13,2	18,7	16,0	12,4	2,9	11,3	8,4	26,3
Kenya	99,5	126,4	49,9	32,0	6,9	8,4	6,0	6,5
Kyrgyzstan	75,0	102,5	75,5	40,4	6,2	4,3	5,8	1,8
China	1316,6	2674,1	2399,1	1832,5	4700,4	5411,0	3771,0	4687,7
Cyprus	175,4	283,7	61,5	53,5	90,5	50,3	16,9	22,1
The former Yugoslav Republic of Macedonia	96,0	40,5	12,9	25,9	26,3	21,3	12,2	11,7
Colombia	16,1	46,7	23,0	40,7	13,4	22,9	25,6	10,4
Korea, Democratic People's Republic	2,7	10,4	33,7	7,6	2,5	0,3	2,0	3,8
Korea, Republic of	498,0	510,3	395,4	413,7	786,0	478,2	256,4	255,3
Costa Rica	0,3	1,8	8,5	21,1	15,6	28,6	14,4	19,6
Côte-d'Ivoire	44,6	17,3	23,8	10,2	135,4	84,7	39,6	36,8
Kuwait	22,7	14,7	6,9	17,6	0,3	1,8	0,0	0,0

## FOREIGN ECONOMIC ACTIVITY

Table 17.1 continued

	Exports				Imports			
	2010	2014	2015	2016	2010	2014	2015	2016
Cuba	12,9	84,8	36,4	7,4	13,0	1,6	1,2	1,0
Latvia	180,2	226,2	150,3	138,2	88,1	89,7	87,1	112,5
Lithuania	264,4	362,1	236,3	258,2	637,5	1032,2	552,6	492,5
Lebanon	1031,9	272,3	300,1	338,5	4,2	1,4	1,3	1,1
Libya	201,5	219,1	182,7	247,8	0,3	0,1	0,0	—
Luxembourg	4,5	16,2	5,9	5,1	29,1	30,3	57,7	61,5
Mauritania	11,8	21,2	23,5	13,6	6,2	6,3	4,0	4,2
Malawi	—	0,2	1,0	0,2	21,3	23,1	15,6	25,8
Malaysia	96,9	132,5	159,6	126,2	171,0	193,2	132,1	167,5
Malta	49,6	1,6	12,2	7,7	13,4	10,9	16,4	11,5
Morocco	103,5	294,8	212,5	247,3	9,2	35,5	28,5	33,4
Mexico	200,1	152,5	118,2	136,5	63,4	95,4	61,7	98,7
Mozambique	6,9	19,5	12,8	2,8	6,1	14,1	18,1	10,5
Moldova, Republic of	713,5	743,6	524,3	481,1	73,6	61,9	41,2	47,6
Mongolia	33,3	38,0	28,2	24,6	11,1	0,6	0,9	1,2
Nigeria	245,3	314,9	120,9	104,2	13,6	7,9	2,3	0,7
Netherlands	563,2	1106,1	905,7	995,3	837,9	763,9	452,6	546,8
Germany	1499,5	1590,6	1328,7	1423,7	4605,3	5361,5	3975,6	4318,4
New Zealand	3,2	2,1	1,9	2,6	13,8	42,6	10,0	10,9
Norway	84,1	20,2	12,8	15,3	261,3	588,3	741,7	163,0
United Arab Emirates	275,2	394,9	301,8	277,6	50,9	66,6	57,6	63,3
Oman	15,6	35,1	28,0	51,9	0,3	14,1	5,9	1,7
Pakistan	113,0	397,8	111,0	114,3	55,2	100,7	61,3	47,6
Panama	27,4	31,5	9,9	13,9	6,2	1,7	11,8	2,4
Peru	16,7	10,6	3,4	9,5	3,5	7,4	5,0	4,6
South Africa	27,6	105,9	54,4	60,0	158,0	132,0	151,1	117,7
Poland	1787,2	2644,7	1977,3	2200,0	2788,8	3070,8	2324,0	2693,3
Portugal	121,8	310,3	320,5	228,1	51,5	60,5	45,2	50,6
Russian Federation	13428,1	9798,2	4827,7	3592,9	22198,0	12700,0	7492,7	5149,3
Romania	705,8	584,1	569,9	717,0	682,2	847,7	318,2	380,7
Saudi Arabia	644,5	1031,4	761,6	592,9	37,4	205,3	145,0	139,4

## FOREIGN ECONOMIC ACTIVITY

Table 17.1 continued

	Exports				Imports			
	2010	2014	2015	2016	2010	2014	2015	2016
Senegal	59,3	65,7	53,2	64,5	0,4	0,3	0,2	0,7
Serbia	199,0	111,7	105,9	156,1	75,7	140,7	83,3	106,5
Syrian Arab Republic	646,8	163,0	132,8	43,2	44,6	8,2	4,8	0,6
Singapore	147,2	126,2	5,2	21,6	23,9	41,8	21,3	21,6
Slovakia	568,2	670,2	468,5	471,4	442,6	426,9	346,3	434,9
Slovenia	11,6	16,0	16,3	16,8	212,6	203,6	128,9	137,3
Sudan	96,5	77,7	75,2	34,4	0,2	0,3	0,2	1,0
USA	807,3	667,9	481,8	426,6	1766,8	1928,9	1480,7	1687,9
Tajikistan	74,7	46,7	30,0	25,4	3,5	3,2	2,8	1,2
Thailand	432,6	140,6	334,9	413,5	162,8	162,9	120,6	172,5
Taiwan, Province of China	80,0	85,1	41,5	54,3	141,2	197,1	141,3	189,9
Tanzania, United Republic of	14,5	7,3	13,9	2,1	5,5	10,3	11,3	11,6
Tunisia	232,0	329,3	333,5	235,8	3,6	11,2	8,5	13,9
Turkey	3024,0	3561,4	2771,8	2049,1	1298,3	1299,5	851,7	1098,6
Turkmenistan	208,9	431,2	170,3	109,0	31,4	24,6	16,3	34,3
Hungary	860,1	1509,9	909,7	1053,1	1214,6	1464,0	1608,5	802,0
Uganda	27,3	23,1	6,3	2,9	3,6	6,2	3,4	4,7
Uzbekistan	228,5	308,6	174,5	142,4	81,7	72,9	62,3	71,1
Uruguay	2,2	9,4	0,0	0,1	5,4	3,6	5,1	6,2
Philippines	31,6	57,4	107,4	143,4	23,0	23,0	17,4	26,5
Finland	34,1	62,2	48,0	62,4	429,8	319,2	223,0	216,8
France	476,9	532,7	497,9	453,7	1106,7	1269,2	892,8	1530,5
Croatia	33,4	39,2	26,1	39,1	50,2	47,8	15,1	29,7
Chad	12,5	13,9	2,2	0,0	0,0	0,1	—	—
Czech Republic	626,2	772,5	541,0	560,8	747,9	687,9	479,7	654,8
Chile	1,8	6,1	2,3	3,9	37,1	54,1	25,9	33,9
Switzerland	472,2	187,4	123,2	105,9	508,2	523,6	457,7	983,8
Sweden	77,8	65,1	60,6	71,3	358,8	371,4	273,5	419,0
Sri Lanka	9,4	2,3	4,2	80,3	54,8	44,6	27,9	32,6
Japan	104,8	209,6	235,6	185,2	801,7	612,6	382,2	551,8

**17.2. Exports/imports of goods in 2016, 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>15579</b>	<b>36361,7</b>	<b>100,0</b>	<b>24912</b>	<b>39249,8<sup>1</sup></b>	<b>100,0</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnitsya	500	983,0	2,7	442	299,4	0,8
Volyn	395	611,9	1,7	515	1130,8	2,9
Dnipropetrovsk	1187	5864,8	16,1	2058	3443,6	8,8
Donetsk	330	3430,8	9,4	373	1110,8	2,8
Zhytomyr	548	484,7	1,3	409	336,7	0,9
Zakarpattia	521	1211,9	3,3	535	1133,4	2,9
Zaporizhzhya	586	2292,8	6,3	710	998,4	2,5
Ivano-Frankivsk	379	573,7	1,6	383	406,0	1,0
Kyiv	961	1705,1	4,7	1597	2951,6	7,5
Kirovohrad	272	427,4	1,2	227	184,0	0,5
Luhansk	97	435,7	1,2	106	357,4	0,9
Lviv	921	1275,6	3,5	1744	1699,4	4,3
Mykolayiv	327	1666,4	4,6	300	685,8	1,7
Odesa	872	1520,5	4,2	1420	1231,4	3,1
Poltava	385	1436,0	3,9	476	842,7	2,1
Rivne	338	318,3	0,9	385	255,0	0,6
Sumy	353	542,2	1,5	243	436,9	1,1
Ternopil	179	294,3	0,8	306	274,9	0,7
Kharkiv	1155	1027,8	2,8	1737	1489,5	3,8
Kherson	265	246,6	0,7	248	166,3	0,4
Khmelnyskiy	310	318,7	0,9	385	331,9	0,8
Cherkasy	372	474,3	1,3	403	291,2	0,7
Chernivtsi	238	119,3	0,3	247	95,8	0,2
Chernihiv	380	432,8	1,2	292	473,9	1,2
<b>cities</b>						
Kyiv	3700	8568,8	23,6	9353	16137,0	41,1
Sevastopol	...	...	...	...	...	...

<sup>1</sup> Including crude oil supply and natural gas non-distributed

**17.3. Commodity structure of foreign trade in 2016***(mln. USD)*

	Exports		Imports	
	total	share of total exports, percent	total	share of total imports, percent
<b>Total</b>	<b>36361,7</b>	<b>100,0</b>	<b>39249,8</b>	<b>100,0</b>
including by UCCFT <sup>1</sup> category				
livestock and products of cattle farming	775,0	2,1	626,3	1,6
products of plant-growing industry	8093,7	22,3	1284,8	3,3
animal and vegetable oils and fats	3963,0	10,9	246,0	0,6
finished foodstuffs	2450,1	6,7	1734,0	4,4
mineral products	2728,8	7,5	8495,0	21,6
products of chemical industry and other industries related to chemical	1558,2	4,3	5619,5	14,3
polymeric materials, plastic and similar	409,2	1,1	2866,9	7,3
raw leather, cleansed leather	122,0	0,3	208,8	0,5
wood and wood products	1131,6	3,1	196,7	0,5
wood mass or mass of other fibrous cellulosic materials	536,9	1,5	915,3	2,3
textiles and textile products	677,4	1,9	1545,7	3,9
footwear, head-dress and umbrellas	163,8	0,5	269,4	0,7
articles of stone, plaster, cement	298,5	0,8	605,8	1,5
natural or cultured pearls, precious or semiprecious stones	52,0	0,1	67,3	0,2
non-precious metals and articles thereof	8338,9	22,9	2306,5	5,9
machines, equipment and machinery; electrotechnical equipment	3637,9	10,0	7889,4	20,1
vehicles for land transport, flying devices, floating crafts	555,7	1,5	2959,5	7,5
optical and photographic devices and instruments	145,7	0,4	580,2	1,5
miscellaneous manufactured goods	537,1	1,5	626,3	1,6
art products	0,2	0,0	1,3	0,0
goods purchased at ports	3,9	0,0	165,1	0,4

<sup>1</sup> *The Ukraine Classification of Commodities in Foreign Trade*



**17.4. Exports/imports of goods for processing, by country***(thsd. USD)*

	Exports			Imports		
	2010	2015	2016	2010	2015	2016
<b>Total</b>	<b>60718,0</b>	<b>67183,7</b>	<b>42050,5</b>	<b>3151515,8</b>	<b>2366554,0</b>	<b>2488416,7</b>
including						
Australia	—	—	—	84,3	1348,0	1556,5
Austria	—	—	589,9	59212,0	38089,3	41310,8
Belgium	1418,3	—	25,2	39264,4	22678,4	23941,7
Belarus	205,2	111,5	173,9	2252,0	1305,6	543,6
Bulgaria	—	—	—	859,4	1309,3	1437,7
Brazil	—	—	—	20635,1	15050,8	26568,0
United Kingdom	6169,8	3018,0	1667,4	18819,9	17391,1	21459,1
Vietnam	—	—	—	762,2	557,8	773,5
Guyana	—	—	—	28635,7	55102,2	40166,2
Guatemala	—	—	—	—	86364,6	69980,5
Guinea	—	—	—	70012,1	110635,6	89408,4
Hong Kong	—	—	3,9	4904,6	1625,5	2358,0
Denmark	—	—	—	9836,4	26155,1	21221,1
Estonia	—	—	—	6061,9	1133,8	1721,9
India	—	—	—	4789,2	12885,0	13765,6
Indonesia	—	—	—	81066,7	3712,6	3765,7
Spain	—	—	27,9	13419,5	16618,4	18721,8
Italy	1447,6	649,4	6,3	156062,8	146277,1	176506,1
Kazakhstan	—	—	—	16436,1	304,3	577,7
Canada	—	4,7	0,5	1318,6	672,3	2391,5
China	242,5	38,5	114,0	35539,9	167474,8	198048,6
Korea, Republic of	89,2	—	—	14744,4	23710,9	12894,4
Latvia	—	—	—	24136,4	9244,7	8054,3
Lithuania	—	61,0	87,3	7041,4	6576,8	4489,7
Malaysia	—	—	—	1319,5	15340,3	23240,2
Malta	—	—	—	87,5	4828,4	5899,1
Morocco	—	—	—	659,4	3604,0	3832,2
Mexico	—	—	—	2771,8	6429,4	7333,6

## FOREIGN ECONOMIC ACTIVITY

Table 17.4 continued

	Exports			Imports		
	2010	2015	2016	2010	2015	2016
Moldova, Republic of	153,8	128,2	18,0	775,1	1052,9	765,7
Netherlands	270,5	—	12,3	35758,3	35548,2	25496,7
Germany	20201,8	8342,5	6189,8	361692,6	384740,2	397885,0
Norway	—	—	—	6049,2	3001,8	1092,2
Pakistan	—	—	—	1007,1	1893,6	2374,9
South Africa	—	—	—	16,2	7085,9	6273,7
Poland	838,7	50,4	21,1	143737,4	304358,2	343958,4
Portugal	—	0,6	2,3	12775,5	12303,1	14915,2
Russian Federation	4494,3	39,7	82,3	1394055,1	72266,4	38926,4
Romania	—	178,5	—	30679,8	28224,9	65605,9
Saudi Arabia	—	616,2	—	6428,4	8479,8	6706,1
Serbia	—	—	—	—	11,1	1071,4
Singapore	—	—	—	2671,2	4268,5	3384,9
Slovakia	—	—	—	11610,6	15095,8	17436,0
Slovenia	—	497,3	5,4	1932,1	3471,6	4450,0
USA	—	160,6	69,8	43350,0	33426,5	31132,6
Thailand	—	—	—	1495,6	14216,2	20098,3
Taiwan, Province of China	—	4,9	—	7485,1	30486,6	48853,4
Tunisia	123,1	—	—	578,9	4150,4	8490,0
Turkey	—	179,3	21,3	42826,0	36321,5	43071,2
Hungary	479,7	207,3	41,8	204685,0	283883,0	300023,4
Uruguay	—	—	—	29,4	3620,6	1728,9
Philippines	—	—	—	807,7	4277,3	6796,8
Finland	683,9	101,0	197,5	45472,4	17448,9	15503,4
France	131,1	—	56,4	35563,3	35333,2	40812,6
Czech Republic	883,2	20,5	—	46726,4	87020,5	88149,5
Switzerland	20832,7	52754,6	32439,6	22896,0	24141,0	37540,3
Sweden	—	19,2	21,5	45024,2	44838,4	36934,1
Japan	—	—	77,2	8388,0	23820,2	29479,2

**17.5. Foreign trade in services, by country***(mln. USD)*

	Exports				Imports			
	2010 <sup>1</sup>	2014	2015	2016	2010 <sup>1</sup>	2014	2015	2016
<b>Total</b>	<b>12324,2</b>	<b>11520,8</b>	<b>9736,6</b>	<b>9868,0</b>	<b>5467,2</b>	<b>6373,1</b>	<b>5523,0</b>	<b>5326,5</b>
including								
Austria	182,8	198,0	145,5	138,3	144,0	148,0	93,1	111,4
Azerbaijan	25,3	32,3	31,3	28,2	13,1	6,7	10,2	4,8
Algeria	1,7	9,8	17,3	11,7	2,9	2,6	2,9	2,2
Bahamas	18,2	17,9	13,1	11,5	2,8	0,1	0,1	0,1
Belize	53,0	38,1	29,3	27,3	16,5	20,0	9,8	6,8
Belgium	239,4	75,8	52,6	59,8	63,9	56,6	49,4	67,0
Belarus	131,8	101,2	77,1	89,1	63,3	183,7	80,9	76,1
Bulgaria	30,1	39,3	43,6	26,9	17,5	21,8	19,2	21,2
Brazil	4,6	3,4	13,4	12,9	1,8	2,2	2,1	1,5
United Kingdom	557,8	660,1	553,3	462,9	598,8	705,8	717,1	563,1
Virgin Islands,								
British	203,2	165,3	175,5	174,8	92,0	45,6	42,2	15,6
Armenia	12,8	15,4	11,9	12,9	6,6	7,8	3,9	7,7
Hong Kong	17,9	27,3	31,2	40,3	7,5	6,9	14,7	4,5
Greece	80,7	57,2	30,3	27,5	23,9	43,0	24,4	21,0
Georgia	54,1	54,0	39,1	46,9	17,7	12,0	11,8	24,1
Gibraltar	5,6	18,9	16,2	12,0	0,3	0,0	0,0	0,0
Denmark	87,2	149,3	112,4	98,4	17,5	36,3	32,2	37,3
Estonia	114,0	101,4	114,6	145,7	12,1	33,4	30,0	48,9
Egypt	48,5	36,7	43,6	39,4	32,2	30,0	26,4	27,8
Izrael	64,5	128,6	144,5	168,4	28,7	33,2	24,2	19,6
India	31,2	52,4	45,6	53,8	4,7	8,0	13,1	9,8
Iraq	8,6	17,4	12,6	6,2	1,2	1,3	1,2	2,2
Iran, Islamic								
Republic of	12,9	4,2	6,5	7,5	2,8	1,4	1,6	1,6
Ireland	48,4	49,2	26,9	32,0	10,2	28,5	49,5	75,8
Spain	30,2	37,1	27,6	45,1	17,3	27,2	29,9	25,7
Italy	127,2	144,8	133,3	119,8	35,2	46,0	34,8	31,6
Jordan	8,9	11,2	11,4	11,8	1,0	1,7	2,7	1,3
Kazakhstan	83,7	98,1	65,7	81,7	22,1	19,0	14,0	11,9
Canada	101,9	88,3	71,0	76,7	38,5	78,9	43,8	40,0
China	73,9	45,4	40,6	60,1	17,5	45,7	128,4	96,1
Cyprus	418,7	461,1	251,2	239,0	817,6	512,5	287,7	250,0
Korea, Republic of	12,4	65,3	43,6	41,7	6,4	16,5	18,3	16,9
Latvia	31,7	152,6	75,7	71,0	32,0	85,9	36,0	44,4
Lithuania	36,8	46,0	33,7	35,7	16,2	27,1	14,5	16,1
Liberia	42,8	16,9	23,7	14,6	0,2	0,1	0,0	0,0
Lebanon	13,8	21,7	25,1	21,2	3,4	0,9	1,7	1,8
Luxembourg	5,0	6,6	5,2	8,0	5,9	8,9	83,3	5,9
Malaysia	11,2	10,7	11,8	10,8	0,6	0,8	0,7	3,1

## FOREIGN ECONOMIC ACTIVITY

Table 17.5 continued

	Exports				Imports			
	2010 <sup>1</sup>	2014	2015	2016	2010 <sup>1</sup>	2014	2015	2016
Malta	93,1	109,4	106,2	102,5	2,3	88,7	77,3	84,9
Morocco	2,7	6,5	7,7	9,6	0,5	0,5	0,4	0,5
Marshall Island	25,2	62,8	80,6	28,0	0,1	1,1	0,4	0,1
Moldova, Republic of	67,1	59,2	40,0	76,1	29,1	31,7	32,2	26,1
Nigeria	8,5	11,6	12,6	10,8	0,7	0,8	0,9	0,9
Netherlands	103,2	284,3	111,8	145,9	125,1	129,2	140,7	108,0
Germany	337,2	672,8	452,0	488,4	353,4	591,3	538,5	364,1
Norway	41,3	22,2	22,7	21,5	10,5	7,1	42,2	24,8
United Arab Emirates	69,4	221,1	204,7	170,7	49,9	92,5	89,3	102,6
Panama	168,3	120,7	131,7	77,9	30,0	27,1	14,9	8,5
Poland	93,1	202,8	181,9	220,6	141,2	148,4	98,7	138,6
Portugal	10,9	7,0	5,8	4,4	54,1	11,6	8,3	11,0
Russian Federation	5157,1	3537,8	3039,8	3077,4	793,5	885,8	653,9	499,9
Romania	21,6	50,6	43,3	57,6	11,2	18,5	9,0	9,2
Saudi Arabia	1,8	0,9	18,5	21,3	0,6	0,6	0,7	0,9
Seychelles	11,8	14,9	13,8	16,0	0,5	1,1	1,9	1,0
Saint Kitts and the Nevis	31,1	3,7	4,5	7,7	3,7	1,0	0,5	0,7
Serbia	12,1	10,7	12,2	12,5	7,2	1,3	1,2	1,2
Singapore	17,7	24,2	16,0	22,3	5,6	14,9	9,1	20,3
Slovakia	50,6	41,4	26,8	27,1	18,2	46,0	101,8	109,2
Slovenia	5,8	28,7	21,0	15,3	3,9	5,2	5,9	5,4
USA	596,9	687,4	666,4	717,3	379,4	511,6	487,2	693,6
Thailand	18,3	19,3	18,1	18,7	17,6	6,3	7,4	4,5
Turkey	154,6	141,8	163,3	177,3	224,7	138,9	195,3	288,6
Turkmenistan	111,5	172,9	262,8	348,3	7,2	62,9	39,6	40,5
Hungary	223,9	98,8	92,3	113,3	52,3	65,4	50,0	51,7
Uzbekistan	13,6	11,0	7,1	5,5	3,2	4,3	2,6	4,0
Finland	48,1	37,0	24,5	19,2	22,0	28,3	21,2	21,8
France	123,6	127,9	108,3	118,5	230,2	119,6	112,0	91,5
Czech Republic	43,1	77,0	64,6	57,9	38,6	45,8	34,6	55,2
Montenegro	2,8	3,8	2,9	2,1	3,0	8,8	4,5	5,5
Switzerland	431,2	833,3	770,2	676,7	178,6	343,7	234,6	191,2
Sweden	44,6	72,5	80,7	122,5	158,9	66,0	48,3	47,0
Sri Lanka	1,6	0,2	0,4	2,6	0,9	5,9	14,0	8,9
Japan	14,6	10,8	7,0	6,8	6,1	8,6	14,0	20,0

<sup>1</sup> The general volumes have been updated in accordance with the Technique for retrospective calculation of value of services for processing in external economic activity (SSSU decree № 419 dated on December 31, 2014) excluding the breakdown by geographical structure

**17.6. Exports/imports of services in 2016, 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>6671</b>	<b>9868,0</b>	<b>100,0</b>	<b>5109</b>	<b>5326,5</b>	<b>100,0</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnitsya	76	66,1	0,7	70	14,8	0,3
Volyn	107	50,8	0,5	201	17,4	0,3
Dnipropetrovsk	246	175,6	1,8	245	314,9	5,9
Donetsk	122	446,1	4,5	107	172,6	3,2
Zhytomyr	80	40,7	0,4	65	16,0	0,3
Zakarpattia	194	184,0	1,9	103	25,8	0,5
Zaporizhzhya	139	169,8	1,7	93	54,9	1,0
Ivano-Frankivsk	86	53,9	0,5	72	17,9	0,3
Kyiv	272	213,6	2,2	261	207,7	3,9
Kirovohrad	26	27,0	0,3	42	21,9	0,4
Luhansk	32	9,9	0,1	45	55,2	1,0
Lviv	520	393,7	4,0	323	80,0	1,5
Mykolayiv	124	426,6	4,3	72	57,7	1,1
Odesa	832	785,6	8,0	411	134,4	2,5
Poltava	133	30,2	0,3	187	146,7	2,8
Rivne	81	28,9	0,3	77	16,1	0,3
Sumy	55	24,5	0,2	55	27,2	0,5
Ternopil	51	79,9	0,8	54	5,8	0,1
Kharkiv	518	270,4	2,7	267	56,8	1,1
Kherson	105	31,8	0,3	40	5,2	0,1
Khmelnyskiy	66	19,8	0,2	100	10,3	0,2
Cherkasy	86	19,7	0,2	78	22,2	0,4
Chernivtsi	51	20,4	0,2	23	1,5	0,0
Chernihiv	81	19,8	0,2	64	10,7	0,2
<b>cities</b>						
Kyiv	2567	2682,2	27,2	1993	2091,8	39,3
Sevastopol	...	...	...	...	...	...

<sup>1</sup> Including the undistributed services by region

**17.7. Structure of exports/imports of services in 2016**

	Exports		Imports	
	mln. USD	percentage of total, section	mln. USD	percentage of total, section
<b>Total</b>	<b>9868,0</b>	<b>100,0</b>	<b>5326,5</b>	<b>100,0</b>
Services for the processing of material resources	1125,7	11,4	5,3	0,1
services for the processing of goods to be sold in the domestic economy	8,7	0,8	0,1	1,1
services for the processing of goods to be sold abroad	1117,0	99,2	5,2	98,9
Services for repair and technical maintenance not related to other categories	231,9	2,3	90,8	1,7
Transport services	5300,5	53,7	989,3	18,6
sea transport services	661,6	12,5	141,2	14,3
river transport services	29,9	0,6	0,4	0,0
air transport services	882,8	16,7	357,5	36,1
rail transport services	561,1	10,6	259,9	26,3
motor transport services	237,9	4,5	114,9	11,6
pipe transport services	2630,7	49,6	87,2	8,8
transmission of electric energy	2,3	0,0	—	—
other auxiliary and additional transport services	262,9	5,0	20,9	2,1
mail and courier services	31,2	0,6	7,4	0,8
Services connected with travels	205,2	2,1	603,2	11,3
Services for construction	389,3	3,9	61,5	1,2
Services for insurance	53,7	0,5	119,0	2,2
Services connected with financial activity	83,1	0,8	561,1	10,5
Royalties and other services connected with usage of intellectual property	29,4	0,3	323,1	6,1
Services in the sphere of telecommunications, computer and information services	1644,1	16,7	420,4	7,9
telecommunications services	253,9	15,4	150,2	35,7
computer services	1145,1	69,6	188,0	44,7
information services	245,2	14,9	82,2	19,6
Business services	790,6	8,0	813,5	15,3
R&D services	130,9	16,6	24,4	3,0
professional and consulting services	359,3	45,4	358,5	44,1
scientific and technical services	156,1	19,7	69,9	8,6
services for treatment and depollution	—	—	167,3	20,6
agriculture and mining services	6,8	0,9	6,8	0,8
services for operational leasing	32,4	4,1	96,2	11,8
services related to trade and intermediary services	50,4	6,4	57,7	7,1
other business services	54,8	6,9	32,6	4,0
Services rendered to individual persons, cultural and recreation services	10,8	0,1	6,7	0,1
State and government services	3,6	0,0	1332,5	25,0

**17.8. Direct investment in Ukraine in 2016<sup>1</sup>***(mln. USD)*

	Total	Of which, from	
		EU countries	other countries
<b>Direct investment of non-residents in Ukraine (paid-in capital and debt instruments), as of January 1</b>	<b>44037,2</b>	<b>33229,9</b>	<b>10807,3</b>
<b>Capital paid-in of non-residents, as of January 1</b>	<b>36154,5</b>	<b>26405,6</b>	<b>9748,9</b>
Equity capital of non-residents inflow	4405,8	1972,0	2433,8
Equity capital of non-residents outflow	-904,1	-725,6	-178,5
Other changes in equity capital of non-residents valuation (revaluation, loss, reclassification of investment, etc)	-2000,7	-1552,8	-447,9
of which			
difference in exchange rates	-1614,8	-1089,3	-525,5
<b>Paid-in capital of non-residents, as of December 31</b>	<b>37655,5</b>	<b>26099,2</b>	<b>11556,3</b>
<b>Direct investment of non-residents of Ukraine (paid-in capital and debt instruments), as of December 31</b>	<b>45249,3</b>	<b>32737,7</b>	<b>12511,6</b>

<sup>1</sup> Here and elsewhere (Tables 17.9–17.14) data on direct investment are presented which are compiled using information from resident entities and permanent representative offices of non-residents to Ukraine by taking into account administrative data from the National Bank of Ukraine on market value of direct investment (shares, property, etc) of enterprises and institutions

**17.9. Direct investment (paid-in capital) to Ukraine, by country***(mln. USD)*

	Volume of direct investment as of January 1						As of December 31, 2016
	2011	2012	2013	2014	2015	2016	
<b>Total</b>	<b>46293,5</b>	<b>49494,4</b>	<b>53178,1</b>	<b>53704,0</b>	<b>40725,4</b>	<b>36154,5</b>	<b>37655,5</b>
Cyprus	9799,4	13026,9	16478,1	17725,6	12769,4	10239,5	9691,6
Netherlands	11396,6	9330,6	8733,7	9007,5	6986,7	6184,7	5753,9
Russian Federation	3015,7	3222,5	3415,1	3525,9	2338,9	3036,9	4349,8
United Kingdom	2287,1	2593,4	2553,6	2768,2	2153,4	1790,3	2046,3
Virgin Islands, British	1451,5	1666,0	2007,6	2275,9	1988,3	1715,0	1766,5
Germany	5080,0	5383,4	4549,4	2908,4	2105,2	1598,2	1606,6
Switzerland	862,3	947,7	1105,9	1351,0	1391,5	1390,8	1467,3
France	2131,7	2024,0	1546,2	1520,5	1394,6	1305,4	1294,3
Austria	1812,9	2509,4	2493,2	2314,0	1648,7	1559,8	1272,8
Luxembourg	441,7	495,2	566,1	555,8	398,8	363,9	965,4
Hungary	700,5	681,4	685,8	685,9	593,2	614,9	770,7
Poland	913,2	834,5	897,4	819,8	808,6	758,3	760,4
USA	1134,8	1000,7	1013,9	934,7	701,6	634,1	698,8
Belize	139,7	159,7	852,0	1026,6	652,5	535,1	523,4
Other countries	5126,4	5619,0	6280,1	6284,2	4794,0	4427,6	4687,7

### 17.10. Direct investment (paid-in capital) in Ukraine in 2016, by type of economic activity

(mln. USD)

	as of January 1	as of December 31
<b>Total</b>	<b>36154,5</b>	<b>37655,5</b>
Agriculture, forestry and fishing	502,2	500,1
Industry	9893,6	9550,2
Mining and quarrying	1868,7	1524,5
Manufacturing	7531,9	7594,3
Manufacturing of food products, beverages and tobacco products	2419,0	2550,9
Manufacture of textiles, apparel, leather and related products	116,9	113,8
Manufacture of wood and paper products, and printing	400,7	408,3
Manufacture of coke, and refined petroleum products	188,7	176,6
Manufacture of chemicals and chemicals products	679,5	644,2
Manufacture of pharmaceuticals, medicinal chemical and botanical products	45,5	50,9
Manufacture of rubber and plastics products, and other non-metallic mineral products	1079,8	1035,2
Manufacture of basic metals and fabricated metal products, except machinery and equipment	1533,1	1497,9
Machine-building, except machinery and equipment	781,6	828,5
Other manufacturing, and repair and installation of machinery and equipment	287,2	288,1
Electricity, gas, steam and air-conditioning supply	438,0	378,6
Water supply, sewerage, waste management and remediation	55,1	52,8
Construction	1104,1	1074,4
Wholesale and retail trade; repair of vehicles and motorcycles	5247,4	5485,5
Transportation and storage, postal and courier activities	1088,0	1054,0
Accommodation and food service activities	332,6	326,7
Information and communication	2089,4	2089,3
Financial and insurance activities	8382,0	10324,4
Real estate activities	3882,1	3670,6
Professional, scientific and technical activities	2222,6	2196,2
Administrative and support service activities	1222,7	1188,3
Public administration and defence, compulsory social security	... <sup>1</sup>	... <sup>1</sup>
Education	16,0	24,1
Human health and social work activities	44,0	45,7
Arts, entertainment and recreation	112,5	110,4
Other services	... <sup>1</sup>	... <sup>1</sup>

<sup>1</sup> Data are not published in order to ensure compliance with the requirements of the Law of Ukraine *On the State Statistics* regarding confidentiality of statistical information



**17.11. Direct investment (paid-in capital) in 2016, by region***(mln. USD)*

	Inward		Outward	
	as of January 1	as of December 31	as of January 1	as of December 31
<b>Ukraine</b>	<b>36154,5</b>	<b>37655,5</b>	<b>6315,2</b>	<b>6340,6</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnitsya	187,8	179,8	0,1	0,1
Volyn	247,1	234,8	—	—
Dnipropetrovsk	4009,9	3481,3	71,9	69,6
Donetsk	1748,0	1633,0	5940,2	5938,6
Zhytomyr	222,7	222,5	... <sup>1</sup>	... <sup>1</sup>
Zakarpattia	311,8	317,7	... <sup>1</sup>	... <sup>1</sup>
Zaporizhzhya	682,7	650,0	25,0	28,9
Ivano-Frankivsk	836,6	818,2	... <sup>1</sup>	... <sup>1</sup>
Kyiv	1593,4	1502,5	0,9	8,4
Kirovohrad	52,5	59,1	0,0	0,0
Luhansk	443,9	379,1	... <sup>1</sup>	... <sup>1</sup>
Lviv	1101,0	1093,2	34,5	31,2
Mykolayiv	212,8	227,8	0,8	0,8
Odesa	1330,1	1331,3	18,7	17,7
Poltava	1000,1	1003,8	1,8	0,1
Rivne	199,6	182,3	—	... <sup>1</sup>
Sumy	199,1	190,1	2,0	3,1
Ternopil	49,2	48,5	... <sup>1</sup>	... <sup>1</sup>
Kharkiv	1554,6	1632,9	10,3	11,8
Kherson	211,0	202,6	0,1	0,1
Khmelnyskiy	165,5	160,2	... <sup>1</sup>	... <sup>1</sup>
Cherkasy	348,0	334,9	... <sup>1</sup>	... <sup>1</sup>
Chernivtsi	59,1	57,5	... <sup>1</sup>	... <sup>1</sup>
Chernihiv	92,1	240,9	—	—
<b>cities</b>				
Kyiv	19296,0	21471,8	190,1	212,0
Sevastopol	...	...	...	...

<sup>1</sup> See the footnote to Table 17.10

**17.12. Direct Ukrainian investment abroad in 2016***(mln. USD)*

	Total	Of which, to	
		EU countries	other countries
<b>Direct investment of residents in economies of the world (paid-in capital and debt instruments), as of January 1</b>	<b>6532,3</b>	<b>6326,3</b>	<b>206,0</b>
<b>Capital paid-in of residents of the world, as of January 1</b>	<b>6315,2</b>	<b>6111,0</b>	<b>204,2</b>
Equity capital of residents inflow	20,7	11,4	9,3
Equity capital of residents outflow	-6,1	-4,4	-1,7
Other changes in equity capital of residents valuation (revaluation, loss, reclassification of investment, etc)	10,8	-8,6	19,4
of which			
difference in exchange rates	12,2	-7,5	19,7
<b>Paid-in capital of residents in economies of the world, as of December 31</b>	<b>6340,6</b>	<b>6109,4</b>	<b>231,2</b>
<b>Direct investment of residents in economies of the world (paid-in capital and debt instruments), as of December 31</b>	<b>6567,5</b>	<b>6333,5</b>	<b>234,0</b>

**17.13. Direct Ukrainian investment (paid-in capital) abroad, by country***(mln. USD)*

	Volume of direct investment, as of January 1						As of December 31, 2016
	2011	2012	2013	2014	2015	2016	
<b>Total</b>	<b>6424,8</b>	<b>6456,2</b>	<b>6588,7</b>	<b>6702,9</b>	<b>6456,2</b>	<b>6315,2</b>	<b>6340,6</b>
Cyprus	5900,1	5899,7	5917,6	5925,1	5926,1	5923,7	5930,5
Russian Federation	190,3	236,6	292,6	377,9	196,4	122,8	144,2
Latvia	87,9	80,4	95,5	98,6	85,0	69,8	67,0
Virgin Islands, British	25,8	25,8	25,8	25,8	25,8	51,3	57,6
Poland	49,1	48,2	54,2	56,4	53,4	50,2	44,4
Hungary	0,1	0,1	4,2	17,3	16,0	14,6	14,9
Estonia	—	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Lithuania	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>	... <sup>1</sup>
Netherlands	... <sup>1</sup>	0,1	13,5	14,2	12,5	11,2	10,7
Moldova, Republic of	15,2	16,7	16,9	16,9	10,7	7,8	7,1
Switzerland	9,3	9,2	5,7	8,2	7,3	7,3	7,1
Other countries	139,1	128,7	133,6	108,1	93,7	30,0	31,7

<sup>1</sup> See the footnote to Table 17.10

### 17.14. Direct Ukrainian investment (paid-in capital) abroad in 2016, by type of economic activity

(mln. USD)

	as of January 1	as of December 31
<b>Total</b>	<b>6315,2</b>	<b>6340,6</b>
Agriculture, forestry and fishing	16,7	15,9
Industry	109,6	114,0
Manufacturing	108,7	113,0
including		
Manufacturing of food products, beverages and tobacco products	52,2	51,6
Manufacture of textiles, apparel, leather and related products	... <sup>1</sup>	... <sup>1</sup>
Manufacture of wood and paper products, and printing	7,5	7,2
Manufacture of chemicals and chemicals products	... <sup>1</sup>	... <sup>1</sup>
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0,1	6,9
Manufacture of rubber and plastics products, and other non-metallic mineral products	0,8	0,9
Manufacture of basic metals and fabricated metal products, except machinery and equipment	18,0	21,4
Machine-building, except machinery and equipment	24,8	19,9
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	0,2	0,2
Electricity, gas, steam and air-conditioning supply	... <sup>1</sup>	... <sup>1</sup>
Water supply, sewerage, waste management and remediation	... <sup>1</sup>	... <sup>1</sup>
Construction	1,3	1,3
Wholesale and retail trade; repair of vehicles and motorcycles	80,1	88,0
Transportation and storage, postal and courier activities	24,7	26,6
Accommodation and food service activities	... <sup>1</sup>	... <sup>1</sup>
Information and communication	2,6	2,5
Financial and insurance activities	73,8	72,5
Real estate activities	45,8	44,7
Professional, scientific and technical activities	5953,2	5966,4
Administrative and support service activities	0,4	0,4
Public administration and defence, compulsory social security	... <sup>1</sup>	... <sup>1</sup>
Education	... <sup>1</sup>	... <sup>1</sup>

<sup>1</sup> See the footnote to Table 17.10

## 18. DOMESTIC TRADE

### 18.1. Wholesale turnover, by region

(mln. UAH)

	2010	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>993695,8</b>	<b>1093290,8</b>	<b>1074753,2</b>	<b>987957,0</b>	<b>1244220,8</b>	<b>1555965,7</b>
Autonomous Republic of Crimea	13714,8	13046,4	13634,5	...	...	...
<b>oblasts</b>						
Vinnysya	8457,2	8909,8	8743,0	10539,9	18228,0	14770,4
Volyn	15810,2	13615,0	14743,1	14149,1	18495,0	51852,4
Dnipropetrovsk	98919,8	85859,6	89008,6	77711,3	93252,0	122254,3
Donetsk	173920,2	207136,2	176452,1	95619,0	68053,0	53137,3
Zhytomyr	13616,4	5641,0	5481,6	5476,9	6689,5	16529,6
Zakarpattia	6770,3	8799,4	11151,6	12807,3	14000,1	6709,4
Zaporizhzhya	25661,9	16864,3	16201,4	15869,5	22811,8	35029,2
Ivano-Frankivsk	8616,9	7255,4	10558,7	6770,0	9244,6	11412,5
Kyiv	43988,9	61127,0	61511,4	65785,1	83826,2	101414,7
Kirovohrad	8409,7	12155,7	16024,3	20384,7	14450,8	17297,5
Luhansk	22089,8	19004,8	15189,3	7770,4	3800,9	4794,5
Lviv	23915,6	41664,0	39196,3	41679,6	36354,2	37894,5
Mykolayiv	21057,3	16639,4	18139,6	17447,5	23706,5	30834,5
Odesa	46337,3	42905,8	41784,1	38824,4	43597,4	75226,7
Poltava	32607,6	11449,8	12099,6	12827,1	16224,3	22999,1
Rivne	3729,2	4387,5	4307,1	4448,8	6231,1	7617,7
Sumy	5261,3	4977,9	4821,8	5116,8	11052,9	15577,4
Ternopil	4944,0	19434,4	19617,1	22884,6	30458,6	9593,2
Kharkiv	46662,4	51375,8	42160,6	44503,0	62936,7	66793,5
Kherson	10473,0	7217,5	6216,9	7056,3	8967,4	10801,8
Khmelnyskiy	5009,4	6111,7	6416,0	4939,9	6876,3	10395,3
Cherkasy	9841,5	13022,5	12320,6	15202,8	23101,2	22675,5
Chernivtsi	2529,6	3174,2	3061,0	2751,0	3690,8	4252,5
Chernihiv	5926,9	7070,9	6554,9	7578,3	9863,4	10837,9
<b>cities</b>						
Kyiv	324179,1	400773,2	416007,1	429813,7	608308,1	795264,3
Sevastopol	11245,5	3671,5	3350,7	...	...	...

**18.2. Wholesale turnover by food and manufactured products**

	2010	2012	2013	2014	2015	2016
Wholesale turnover, mln. UAH	<b>993695,8</b>	<b>1093290,8</b>	<b>1074753,2</b>	<b>987957,0</b>	<b>1244220,8</b>	<b>1555965,7</b>
food products	193848,5	215169,0	199674,1	194669,3	224268,9	252771,0
manufactured goods	799847,3	878121,8	875079,1	793287,7	1019951,9	1303194,7
Share of wholesale turnover, percent	100,0	100,0	100,0	100,0	100,0	100,0
food products	19,5	19,7	18,6	19,7	18,0	16,2
manufactured goods	80,5	80,3	81,4	80,3	82,0	83,8
Share of goods sales, who produced in Ukraine, percent	66,5	58,9	54,3	48,5	46,9	44,5
food products	75,1	73,7	71,7	71,4	75,2	76,4
manufactured goods	64,4	55,3	50,3	42,9	40,7	38,3

**18.3. Retail turnover<sup>1</sup>***(mln. UAH)*

	2010	2012	2013	2014	2015	2016
<b>Total</b>	<b>271380,9</b>	<b>392555,3</b>	<b>420145,4</b>	<b>427460,9</b>	<b>487558,1</b>	<b>555975,4</b>
food products	248033,5	360180,5	386112,0	390522,7	446508,8	511462,8
manufactured goods	23347,4	32374,8	34033,4	36938,2	41049,3	44512,6

<sup>1</sup> Here and elsewhere (Tables 18.4–18.9) data are presented on enterprises (legal persons) that operated in retail trade (retail turnover of trade network) in money terms at actual prices; volume indices of trade turnover are calculated at comparable prices

**18.4. Retail turnover, by region***(mln. UAH)*

	2010	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>271380,9</b>	<b>392555,3</b>	<b>420145,4</b>	<b>427460,9</b>	<b>487558,1</b>	<b>555975,4</b>
Autonomous Republic of Crimea	9688,8	15812,3	17404,5	...	...	...
<b>oblasts</b>						
Vinnitsya	5507,3	8108,2	8529,6	9816,2	11426,6	12644,4
Volyn	4550,4	6955,7	7962,6	9091,7	11624,3	11986,1
Dnipropetrovsk	24063,2	34196,1	36858,2	42110,9	47718,4	52210,1
Donetsk	24608,9	36600,5	39121,1	27630,1	15109,2	16031,3
Zhytomyr	4847,7	7035,4	7688,9	9114,7	10793,6	11886,7
Zakarpattia	5877,8	7606,9	7983,8	9663,1	12239,4	13365,6
Zaporizhzhya	10467,6	15662,8	16774,7	19371,5	22161,5	25359,2
Ivano-Frankivsk	4751,9	6989,8	7415,7	8981,3	10570,5	11664,7
Kyiv	11736,3	20011,2	21808,5	25096,9	31737,8	37060,0
Kirovohrad	4344,6	6110,7	6440,6	7534,0	8555,4	9928,9
Luhansk	8910,6	13890,2	14682,4	7470,3	3102,4	3525,8
Lviv	14504,9	19042,6	19092,1	22976,8	29163,4	34118,0
Mykolayiv	5546,9	8133,1	8681,4	9701,1	11390,7	13287,6
Odesa	17523,6	26312,3	28253,2	30719,3	36775,2	43596,4
Poltava	7011,1	10191,4	10619,9	11843,8	13492,8	15410,7
Rivne	4207,8	5917,8	6401,5	7968,6	9422,2	9853,4
Sumy	3766,6	5632,2	5845,1	6881,0	8135,3	9338,8
Ternopil	3738,1	4890,2	4964,3	6070,6	7354,1	8052,2
Kharkiv	18197,4	25066,5	27097,3	31179,4	36807,4	41849,7
Kherson	5064,4	7219,1	7694,2	9067,8	10994,4	12567,0
Khmelnyskiy	5136,9	7159,0	7380,8	8647,7	10063,3	11530,2
Cherkasy	5450,5	7770,3	8276,3	9523,4	11057,9	12153,5
Chernivtsi	4031,9	4984,7	5180,5	6427,7	7659,2	8189,0
Chernihiv	4198,7	6033,8	6547,9	7651,9	8855,8	9955,4
<b>cities</b>						
Kyiv	50647,8	70080,8	75706,0	82921,1	101347,3	120410,7
Sevastopol	2999,2	5141,7	5734,3	...	...	...

**18.5. Per capita retail turnover, by region***(UAH)*

	2010	2012	2013	2014	2015	2016
<b>Ukraine</b>	<b>5916</b>	<b>8610</b>	<b>9236</b>	<b>9941</b>	<b>11380</b>	<b>13029</b>
Autonomous Republic of Crimea	4932	8051	8852	...	...	...
<b>oblasts</b>						
Vinnitsya	3346	4973	5256	6080	7113	7921
Volyn	4388	6693	7652	8724	11147	11505
Dnipropetrovsk	7192	10319	11169	12821	14612	16101
Donetsk	5530	8339	8973	6395	3529	3768
Zhytomyr	3780	5535	6075	7238	8623	9555
Zakarpattia	4717	6073	6359	7680	9718	10616
Zaporizhzhya	5794	8757	9421	10939	12593	14519
Ivano-Frankivsk	3443	5061	5366	6497	7647	8446
Kyiv	6825	11629	12651	14529	18338	21381
Kirovohrad	4285	6118	6496	7656	8758	10241
Luhansk	3872	6134	6531	3350	1402	1602
Lviv	5694	7495	7518	9053	11500	13463
Mykolayiv	4675	6917	7414	8317	9809	11512
Odesa	7332	11002	11793	12818	15365	18253
Poltava	4694	6921	7259	8148	9344	10755
Rivne	3652	5121	5529	6869	8112	8477
Sumy	3228	4907	5136	6099	7275	8422
Ternopil	3441	4533	4617	5665	6887	7579
Kharkiv	6588	9137	9887	11403	13508	15443
Kherson	4643	6679	7155	8473	10322	11867
Khmelnyskiy	3861	5435	5632	6631	7754	8940
Cherkasy	4224	6103	6546	7583	8865	9824
Chernivtsi	4459	5501	5707	7070	8418	9009
Chernihiv	3803	5570	6106	7210	8432	9580
<b>cities</b>						
Kyiv	18139	24767	26499	28809	34980	41290
Sevastopol	7880	13449	14906	...	...	...

**18.6. Volume indices of retail turnover, by goods groups***(percent of the previous year; at comparable prices)*

	2010	2012	2013	2014	2015	2016
<b>All commodities</b>	<b>110</b>	<b>113</b>	<b>106</b>	<b>90</b>	<b>80</b>	<b>104</b>
<b>Food products</b>	<b>106</b>	<b>118</b>	<b>108</b>	<b>97</b>	<b>82</b>	<b>101</b>
meat and meat products	111	111	117	91	88	97
butter	104	111	112	101	93	98
oil vegetable	110	110	102	101	78	85
other fats	75	95	103	99	83	93
milk and dairy products	103	114	111	95	96	104
rennet, melted and lactic cheese	100,3	120	107	98	98	102
eggs	115	125	120	97	87	110
sugar	81	115	137	102	88	82
confectionery (including ice cream)	105	110	108	98	85	107
tea	110	105	106	94	72	95
flour, bread and bakery products	103	108	105	101	89	106
potatoes	99,9	303	110	63	99	104
fresh vegetables	144	193	154	120	63	122
fresh fruit, berries and grapes, nuts	159	135	115	86	72	133
non-alcoholic beverages (including mineral waters)	103	114	103	95	95	105
alcoholic beverages	99,9	102	102	94	89	97
<b>Manufactured goods</b>	<b>113</b>	<b>110</b>	<b>105</b>	<b>86</b>	<b>79</b>	<b>107</b>
clothes	130	118	119	112	89	103
footwear	118	120	113	97	82	87
sporting and tourist goods and kit	104	124	118	110	74	100,5
computers, networking software	164	116	97	75	69	130
audio/video and telecommunications equipment	145	112	110	101	70	128
household home appliances and lighting accessories	134	116	104	103	73	101
furniture	112	102	117	84	76	110
watches and clocks and jewellery	107	98	69	78	37	95
cars and autogoods	123	124	105	55	64	142



**18.7. Retail sales of selected foods product groups***(thsd.t)*

	2010	2012	2013	2014	2015	2016
Meat and meat products	452	527	621	489	454	418
Butter	31	36	38	35	31	31
Oil vegetable	122	147	144	139	111	94
Rennet cheese, processed and lactic cheese	67	93	97	86	81	80
Eggs, mln.pcs	2233	2698	2817	2566	2113	2312
Sugar	143	166	208	212	191	158
Confectionery (including ice cream)	296	345	355	341	288	302
Tea	11	12	12	11	9	9
Flour, bread and bakery and macaroni products (in flour equivalent)	807	837	841	811	716	728
Potatoes	93	178	179	142	130	132
Fresh vegetables	253	444	461	387	323	353
Fresh fruit, berries and grapes, nuts	332	443	439	355	292	371

**18.8. Retail sales of alcoholic beverages and tobacco products**

	2010	2012	2013	2014	2015	2016
Alcoholic beverages						
in physical terms, mln.dal						
vodka and distilled alcoholic beverages	18	18	17	14	10	10
wines	11	10	10	8	7	7
cognac	2	3	3	3	2	2
sparkling wines (champagne)	4	4	4	3	3	3
beer	64	75	76	72	63	69
absolute alcohol per capita, L	2,7	2,8	2,7	2,5	2,0	1,9
Tobacco products, bln.pcs	37,1	61,7	58,1	53,3	...	...

**18.9. Retail sales of selected non-food product groups***(mln. UAH)*

	2010	2012	2013	2014	2015	2016
Clothes, footwear and textile goods (including fabrics and fancies)	10080,3	14448,3	16482,4	17298,5	19767,8	22539,5
Perfumery and cosmetics goods	6211,4	9329,8	10407,8	10903,4	14273,1	17862,5
Furniture	1580,4	1994,3	2337,8	2057,4	2157,8	2542,0
Computers, peripheral equipment, software	3020,8	4726,2	4426,1	3647,7	3413,3	4294,0
Audio and video, telecommunication equipment	7663,9	8881,5	9297,9	9298,4	8757,1	11715,9
Household appliances and lighting devices	8166,3	10845,2	11026,0	11835,1	12710,2	14013,5
Construction materials and ironware	10424,3	13827,2	14568,2	15880,4	17963,5	18760,6
Pharmaceuticals	18731,4	25495,5	28721,7	31929,3	40600,3	48733,6
Cars and autogoods	22486,9	41471,1	43596,2	29565,2	30079,9	44502,7
Gasoline and diesel fuel	50062,4	69097,4	68841,0	77926,8	79558,2	72802,2

## 19. INFORMATION SOCIETY

### 19.1. Usage of computers and computer networks at enterprises in 2016

(units)

	Number of enterprises that used computers during a year	Including enterprises that		
		used local computer network (LAN)	had the Intranet network	had the Extranet network
<b>Total</b>	<b>39540</b>	<b>24727</b>	<b>25937</b>	<b>3665</b>
Mining and quarrying	9757	6096	6345	835
Electricity, gas, steam and air-conditioning supply	619	424	428	88
Water supply, sewerage, waste management and remediation	1069	596	684	44
Construction	3812	2094	2384	192
Wholesale and retail trade; repair of motor vehicles and motorcycles	9670	6428	6498	1052
Transportation and storage, postal and courier activities	3160	1891	2046	224
Accommodation and food service activities	1184	640	801	92
Information and communication	1834	1407	1296	375
Real estate activities	2683	1500	1643	158
Professional, scientific and technical activities	2888	2138	1964	382
Administration and support service activities	2802	1460	1803	212
Other services	62	53	45	11

**19.2. Types of external communication with the Internet network in 2016***(units)*

	Number of enterprises that used computers during a year	Number of enterprises that had access to the Internet network	Including enterprises that used types of external communication with the Internet network		
			narrow band access to the network	fixed broadband access	broadband mobile connection
<b>Total</b>	<b>39540</b>	<b>38825</b>	<b>13019</b>	<b>27904</b>	<b>9723</b>
Mining and quarrying	9757	9591	3247	6896	2345
Electricity, gas, steam and air-conditioning supply	619	614	192	480	156
Water supply, sewerage, waste management and remediation	1069	1048	411	681	202
Construction	3812	3739	1364	2525	928
Wholesale and retail trade; repair of motor vehicles and motorcycles	9670	9524	3121	6991	2812
Transportation and storage, postal and courier activities	3160	3101	1126	2123	790
Accommodation and food service activities	1184	1151	421	781	292
Information and communication	1834	1820	433	1515	469
Real estate activities	2683	2616	921	1797	463
Professional, scientific and technical activities	2888	2839	759	2242	725
Administration and support service activities	2802	2720	1010	1822	530
Other services	62	62	14	51	11

**19.3. Directions of the Internet network usage in 2016***(units)*

	Number of enterprises that had access to the Internet network	Including those that used the Internet network for			
		sending or receiving messages by e-mail	making phone calls using the Internet/VoIP-connection or video-conferences	obtaining information about goods and services	usage of instant messaging and bulletin board system
<b>Total</b>	<b>38825</b>	<b>37659</b>	<b>11029</b>	<b>33298</b>	<b>17587</b>
Mining and quarrying	9591	9332	2928	8550	4572
Electricity, gas, steam and air-conditioning supply	614	601	169	562	282
Water supply, sewerage, waste management and remediation	1048	1005	149	922	432
Construction	3739	3613	693	3288	1602
Wholesale and retail trade; repair of motor vehicles and motorcycles	9524	9236	3035	8419	4507
Transportation and storage, postal and courier activities	3101	3000	858	2574	1333
Accommodation and food service activities	1151	1093	208	903	489
Information and communication	1820	1801	881	1603	1038
Real estate activities	2616	2528	425	1929	889
Professional, scientific and technical activities	2839	2794	1128	2442	1370
Administration and support service activities	2720	2595	528	2050	1041
Other services	62	61	27	56	32

Table 19.3 continued

	Including those that used the Internet network for			
	receiving information from public authorities	making different transactions with public authorities (except for obtaining information)	making bank transactions	access to other financial services
<b>Total</b>	<b>30341</b>	<b>18932</b>	<b>36991</b>	<b>14837</b>
Mining and quarrying	7588	4683	9213	3727
Electricity, gas, steam and air-conditioning supply	559	327	594	281
Water supply, sewerage, waste management and remediation	903	467	974	419
Construction	2767	1704	3569	1390
Wholesale and retail trade; repair of motor vehicles and motorcycles	7444	4917	9193	3654
Transportation and storage, postal and courier activities	2341	1409	2946	1177
Accommodation and food service activities	852	536	1073	386
Information and communication	1523	1020	1762	780
Real estate activities	1880	1092	2433	804
Professional, scientific and technical activities	2405	1577	2636	1205
Administration and support service activities	2033	1172	2539	996
Other services	46	28	59	18

**19.4. Usage of social media at enterprises in 2016***(units)*

	Number of enterprises that used computers during a year	Including enterprises that used social media			
		social media	enterprise's blogs and microblogs	websites with multimedia content	knowledge exchange facilities
<b>Total</b>	<b>39540</b>	<b>9595</b>	<b>2665</b>	<b>4884</b>	<b>4920</b>
Mining and quarrying	9757	2088	557	1152	1040
Electricity, gas, steam and air-conditioning supply	619	143	29	78	71
Water supply, sewerage, waste management and remediation	1069	232	51	89	138
Construction	3812	784	212	353	484
Wholesale and retail trade; repair of motor vehicles and motorcycles	9670	2490	708	1282	1213
Transportation and storage, postal and courier activities	3160	615	161	260	348
Accommodation and food service activities	1184	456	107	177	126
Information and communication	1834	826	300	510	359
Real estate activities	2683	471	118	213	278
Professional, scientific and technical activities	2888	855	275	516	523
Administration and support service activities	2802	617	146	250	333
Other services	62	18	1	4	7

## 20. SCIENCE AND INNOVATIONS

### 20.1. Number of employees engaged in R&D by staff category

(persons)

	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>2</sup>
<b>Total</b>	<b>182484</b>	<b>175330</b>	<b>164340</b>	<b>155386</b>	<b>136123</b>	<b>122504</b>	<b>97912</b>
researches	133744	130403	122106	115806	101440	90249	63694
technicians	20113	17260	15509	14209	12299	11178	10000
assistants	28627	27667	26725	25371	22384	21077	24218
Of whom with a scientific degree of							
Doctor of Science	11974	11677	11172	11155	9983	9571	7091
Candidate of Science/ Ph.D.	46685	46321	42050	41196	37082	32849	20208

<sup>1</sup> Data for 2010–2015 include regular and temporary employees (employees holding a second job and persons who work according to the civil and legal agreements including scientific and pedagogical employees)

<sup>2</sup> Data for 2016 are presented excluding scientific and pedagogical employees

### 20.2. Internal expenditure for R&D performance by type of work

(at current prices; mln. UAH)

	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016
<b>Total</b>	<b>8107,1</b>	<b>8513,4</b>	<b>9419,9</b>	<b>10248,5</b>	<b>9487,5</b>	<b>11003,6</b>	<b>11530,7</b>
basic researches	2175,0	2200,8	2615,3	2698,2	2452,0	2460,2	2225,7
applied researches	1589,4	1813,9	2023,2	2061,4	1882,7	1960,6	2561,2
developments	4342,7	4498,7	4781,4	5488,9	5152,8	6582,8	6743,8

<sup>1</sup> Data for 2010–2015 have been recalculated excluding the expenditures for performance of scientific and technical services



**20.3. Number of employees engaged in R&D performance, by region***(persons)*

	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>2</sup>
<b>Ukraine</b>	<b>182484</b>	<b>175330</b>	<b>164340</b>	<b>155386</b>	<b>136123</b>	<b>122504</b>	<b>97912</b>
Autonomous Republic of Crimea	3633	3304	2922	2621	...	...	...
<b>oblasts</b>							
Vinnitsya	1265	1277	939	796	842	652	704
Volyn	502	440	441	461	391	400	258
Dnipropetrovsk	13076	12801	12905	11155	10701	10410	9675
Donetsk	11908	11524	10274	9575	3688	2935	217
Zhytomyr	1673	1638	1665	1675	1661	1497	368
Zakarpattia	1805	1914	1877	2013	1733	1686	678
Zaporizhzhya	6928	6413	6013	4880	4428	4116	4203
Ivano-Frankivsk	1776	1204	1176	620	578	674	524
Kyiv	3172	2599	2545	2095	2014	1873	1833
Kirovohrad	1645	1653	1602	1528	1507	470	480
Luhansk	3622	3503	3251	2621	1008	501	369
Lviv	11257	10713	9399	9060	8388	7629	4648
Mykolayiv	4520	4340	3308	3209	3221	3063	2150
Odesa	8056	7617	7149	7115	6410	5561	3384
Poltava	3331	3135	3017	2967	2879	2477	1302
Rivne	1854	1789	1766	1781	1563	841	327
Sumy	3289	3600	3351	3228	3022	2482	2857
Ternopil	2587	2387	2049	1484	1455	1268	383
Kharkiv	28774	28483	26820	26492	24506	23182	16474
Kherson	1049	884	905	817	803	497	683
Khmelnyskiy	950	925	460	434	439	368	321
Cherkasy	2843	3191	3023	2800	2648	2038	780
Chernivtsi	2683	2354	2495	2429	2207	1127	837
Chernihiv	1991	1974	1250	1434	1141	763	723
<b>cities</b>							
Kyiv	56800	54262	52371	50777	48890	45994	43734
Sevastopol	1495	1406	1367	1319	...	...	...

<sup>1</sup> See the first footnote to Table 20.1<sup>2</sup> See the second footnote to Table 20.1

**20.4. Internal expenditure for R&D performance, by region***(at current prices; mln. UAH)*

	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016
<b>Ukraine</b>	<b>8107,1</b>	<b>8513,4</b>	<b>9419,9</b>	<b>10248,5</b>	<b>9487,5</b>	<b>11003,6</b>	<b>11530,7</b>
Autonomous Republic of Crimea	130,3	129,3	153,8	123,4	...	...	...
<b>oblasts</b>							
Vinnitsya	44,2	37,8	37,2	29,0	33,2	26,9	39,5
Volyn	17,3	18,9	15,9	16,5	10,2	13,9	13,6
Dnipropetrovsk	695,4	774,6	855,7	884,6	1042,4	1366,0	1843,7
Donetsk	490,9	467,0	439,8	471,5	230,1	165,8	18,9
Zhytomyr	16,2	18,0	21,1	19,0	18,0	16,1	21,4
Zakarpattia	24,4	30,2	34,1	35,5	31,5	38,9	46,4
Zaporizhzhya	415,9	467,0	562,2	494,3	445,2	502,0	712,4
Ivano-Frankivsk	34,7	37,6	35,1	21,3	20,8	16,7	20,3
Kyiv	224,7	223,1	192,8	175,4	170,5	194,2	274,2
Kirovohrad	28,9	33,5	32,4	30,7	32,6	57,3	74,6
Luhansk	115,1	152,2	161,2	142,1	60,0	27,3	23,6
Lviv	267,6	279,7	267,8	280,2	260,3	272,1	264,8
Mykolayiv	214,0	264,2	193,5	610,8	245,3	299,3	392,6
Odesa	156,1	161,9	187,5	181,3	172,1	201,8	237,5
Poltava	38,1	40,1	51,0	44,3	43,5	42,5	55,8
Rivne	10,2	10,7	12,7	11,6	9,9	9,3	9,3
Sumy	100,3	116,2	162,2	133,4	124,9	121,2	129,7
Ternopil	15,1	14,4	14,1	12,5	11,3	10,7	14,0
Kharkiv	1517,8	1606,4	1854,6	1842,0	1865,1	1920,6	2063,2
Kherson	35,9	38,3	43,9	42,3	39,8	33,6	48,8
Khmelnyskiy	6,1	7,5	14,1	12,8	14,6	15,6	13,0
Cherkasy	53,3	53,8	53,6	57,7	53,7	99,5	118,4
Chernivtsi	34,5	34,2	33,5	37,1	36,2	45,4	61,3
Chernihiv	33,0	31,9	32,6	67,1	36,7	50,9	41,9
<b>cities</b>							
Kyiv	3277,1	3349,5	3813,3	4312,8	4479,6	5456,0	4991,8
Sevastopol	110,0	115,4	144,2	159,3	...	...	...

<sup>1</sup> See the footnote to Table 20.2

## 20.5. Number of employees engaged in R&D performance by field of study

	<i>(persons)</i>						
	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>2</sup>
<b>Total</b>	<b>182484</b>	<b>175330</b>	<b>164340</b>	<b>155386</b>	<b>136123</b>	<b>122504</b>	<b>97912</b>
natural	27410	26761	25950	23782	21301	20406	24777
technical	73083	70577	66667	64279	54692	50060	47816
medical	11283	11230	10837	10171	8875	8538	6410
agricultural	14473	12845	11579	11228	10038	9068	7283
social	16102	15342	14376	13219	10947	9133	7731
humanities	3491	3474	3787	3190	3090	2958	3895
multi-sector direction	36642	35101	31144	29517	27180	22341	...

<sup>1</sup> See the first footnote to Table 20.1

<sup>2</sup> See the second footnote to Table 20.1

## 20.6. Internal expenditure for R&D performance by field of study

	<i>(at current prices; mln. UAH)</i>						
	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016
<b>Total</b>	<b>8107,1</b>	<b>8513,4</b>	<b>9419,9</b>	<b>10248,5</b>	<b>9487,5</b>	<b>11003,6</b>	<b>11530,7</b>
natural	1664,7	1961,8	2117,2	2175,0	1965,2	2048,8	2435,6
technical	4544,7	4500,5	5053,0	5856,7	5433,2	6975,5	7514,7
medical	363,4	423,8	446,3	467,8	514,3	398,1	324,0
agricultural	534,2	545,7	618,7	604,3	576,6	568,4	642,7
social	404,0	437,9	527,6	505,1	427,5	390,0	380,4
humanities	131,6	141,0	154,8	192,5	190,2	198,1	233,3
multi-sector direction	464,5	502,7	502,3	447,1	380,5	424,7	...

<sup>1</sup> See the footnote to Table 20.2

## 20.7. Distribution of researchers<sup>1</sup> in 2016, by sex by field of science

	<i>(persons)</i>	
	Researchers, total	Including women
<b>Total</b>	<b>63694</b>	<b>28660</b>
natural	18461	8014
technical	26266	8974
medical	4845	3093
agricultural	4663	2559
social	6506	4203
humanities	2953	1817

<sup>1</sup> See the second footnote to Table 20.1

**20.8. Distribution of researchers<sup>1</sup> by sex in 2016, by region***(persons)*

	Researchers, total	Including women	Of which those with scientific degree			
			doctor of science	including women	candidate of science/ Ph.D.	including women
<b>Ukraine</b>	<b>63694</b>	<b>28660</b>	<b>7071</b>	<b>1902</b>	<b>20085</b>	<b>9448</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnitsya	491	200	62	13	193	69
Volyn	211	112	17	4	79	50
Dnipropetrovsk	6039	2577	380	82	1077	469
Donetsk	146	72	20	5	29	13
Zhytomyr	251	131	45	10	95	48
Zakarpattia	453	179	72	13	152	59
Zaporizhzhya	1458	566	77	13	280	105
Ivano-Frankivsk	440	134	45	4	116	27
Kyiv	1156	441	90	21	324	140
Kirovohrad	348	132	10	2	48	19
Luhansk	195	98	30	9	55	20
Lviv	3542	1368	470	70	1404	544
Mykolayiv	816	323	37	9	105	36
Odesa	2525	1348	339	137	845	419
Poltava	1013	533	102	36	446	234
Rivne	267	115	29	8	115	38
Sumy	1840	839	157	39	848	424
Ternopil	325	140	28	5	126	62
Kharkiv	11380	4951	1136	288	3618	1640
Kherson	468	267	39	14	165	88
Khmelnyskiy	251	122	27	3	96	49
Cherkasy	481	222	46	16	122	68
Chernivtsi	620	314	95	22	283	138
Chernihiv	305	133	9	2	81	35
<b>cities</b>						
Kyiv	28673	13343	3709	1077	9383	4654
Sevastopol	...	...	...	...	...	...

<sup>1</sup> See the second footnote to Table 20.1

**20.9. Share of industrial enterprises that introduced innovations<sup>1</sup>***(percentage of the total number of the surveyed)*

	2010	2011	2012	2013	2014	2015 <sup>2</sup>
<b>Total</b>	<b>13,8</b>	<b>16,2</b>	<b>17,4</b>	<b>16,8</b>	<b>16,1</b>	<b>17,3</b>
including by direction of innovation activity						
internal R&D operations	2,1	2,4	2,1	2,1	1,9	3,2
external R&D operations	1,2	1,3	1,3	1,1	0,9	1,5
purchase of machines, equipment and software	7,9	10,3	10,9	10,6	9,9	9,8
acquisition of external knowledge	0,9	1,0	0,9	0,8	0,8	0,7
training of personnel	2,1	2,9	3,2	3,3	3,2	... <sup>3</sup>
market implementation of innovation	1,0	1,3	1,0	0,9	0,8	... <sup>3</sup>
other	1,8	2,2	2,0	1,6	1,4	4,4

<sup>1</sup> Here and elsewhere (Tables 20.10–20.18), since for 2015, the periodicity of the state statistical observation *Innovation activity of industrial enterprise* has been changed from *annual* to *once every two years*

<sup>2</sup> Here and elsewhere (Tables 20.10–20.18) data for 2015 are given for legal persons of types of industry's economic activity with the number of employees of 50 persons and more

<sup>3</sup> Since 2015, the indicator refers to *other*

**20.10. Introduction of innovation at industrial enterprises**

	2010	2011	2012	2013	2014	2015
Introduction of innovative products, items	2408	3238	3403	3138	3661	3136
including						
new for market	606	900	672	640	540	548
new for enterprise only	1802	2338	2731	2498	3121	2588
Implemented technological processes	2043	2510	2188	1576	1743	1217
of which low-waste, resource saving and waste-free	479	517	554	502	447	458

## 20.11. Share of industrial enterprises that implemented innovations in 2015, by type of innovation and region

(percentage of the total number of the surveyed)

	Total	Including those that implemented			
		innovation processes	of which low-waste, resource efficient	innovation type of products	of which new for market
<b>Ukraine</b>	<b>15,2</b>	<b>8,4</b>	<b>3,3</b>	<b>8,7</b>	<b>2,4</b>
Autonomous Republic of Crimea	...	...	...	...	...
<b>oblasts</b>					
Vinnitsya	12,9	6,5	2,9	8,8	2,9
Volyn	10,6	5,8	1,0	3,8	1,0
Dnipropetrovsk	8,9	4,3	2,1	5,8	2,1
Donetsk	7,1	2,9	2,9	4,6	2,1
Zhytomyr	14,9	8,8	1,7	6,1	1,7
Zakarpattia	8,0	5,1	1,4	4,3	—
Zaporizhzhya	19,2	8,5	4,7	15,0	4,3
Ivano-Frankivsk	18,4	11,2	4,0	8,8	1,6
Kyiv	13,0	8,2	1,2	5,2	0,9
Kirovohrad	21,8	7,9	5,0	11,9	2,0
Luhansk	8,8	6,3	2,5	3,8	—
Lviv	18,4	13,3	3,3	8,2	3,0
Mykolayiv	23,7	9,7	3,2	11,8	2,2
Odesa	17,2	8,6	3,2	7,0	1,1
Poltava	14,6	5,4	2,2	10,3	0,5
Rivne	9,8	6,5	1,6	4,1	0,8
Sumy	19,0	7,8	5,2	12,9	6,0
Ternopil	17,4	10,9	5,4	9,8	5,4
Kharkiv	23,7	16,4	7,3	10,8	3,2
Kherson	20,7	10,9	3,3	13,0	3,3
Khmelnyskiy	12,3	5,5	3,4	7,5	1,4
Cherkasy	17,2	8,3	2,8	11,0	2,8
Chernivtsi	17,0	9,4	5,7	11,3	—
Chernihiv	12,4	6,2	3,5	8,8	1,8
<b>cities</b>					
Kyiv	15,7	8,7	2,8	12,7	4,2
Sevastopol	...	...	...	...	...

## 20.12. Share of industrial enterprises that implemented innovations in 2015, by type of innovation and activity

(percentage of the total number of the surveyed)

	Total	Including those that implemented			
		innovation processes	of which low-waste, resource efficient	innovation type of products	of which new for market
<b>Industry</b>	<b>15,2</b>	<b>8,4</b>	<b>3,3</b>	<b>8,7</b>	<b>2,4</b>
Mining and quarrying including	5,2	2,6	0,4	2,6	0,4
Mining of coal and lignite	2,4	—	—	2,4	2,4
Manufacturing	17,5	9,4	3,5	10,4	2,9
Manufacture of food products, beverages and tobacco products	16,8	8,1	2,3	9,5	1,8
Manufacture of textiles, apparel, leather and related products	12,5	7,9	2,0	3,9	0,7
Manufacture of wood and paper products, and printing	9,8	7,1	0,3	4,0	0,7
Manufacture of coke, and refined petroleum products	14,3	4,8	4,8	4,8	4,8
Manufacture of chemicals and chemical products	22,1	9,8	4,3	14,1	1,8
Manufacture of pharmaceuticals, medicinal chemical and botanical products	45,9	21,3	4,9	29,5	8,2
Manufacture of rubber and plastics products, and other non-metallic mineral products	11,7	7,4	2,5	5,3	1,1
Manufacture of basic metals and fabricated metal products, except machinery and equipment	14,6	9,7	4,6	9,7	1,9
Manufacture of computer, electronic and optical products	36,5	17,3	7,7	26,9	13,5
Manufacture of electrical equipment	24,1	11,2	6,5	16,5	7,6
Manufacture of machinery and equipment n.e.c.	24,1	10,8	6,0	16,9	6,6
Manufacture of transport equipment, trailers, and semitrailers and other	33,9	18,2	10,9	25,5	7,9
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	12,7	7,9	2,3	7,3	1,4
Electricity, gas, steam and air-conditioning supply	7,5	6,8	4,1	1,0	0,3
Water supply, sewerage, waste management and remediation	3,7	3,4	1,6	0,5	0,3

### 20.13. Number of industrial enterprises that sold innovation products in 2015, by region

(units)

	Number of enterprises that sold innovation products	Including the products that are new		Number of enterprises that sold innovation products outside Ukraine
		for the market	only for an enterprise	
<b>Ukraine</b>	<b>570</b>	<b>142</b>	<b>490</b>	<b>213</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnysya	20	5	17	7
Volyn	7	1	7	2
Dnipropetrovsk	34	13	24	15
Donetsk	12	5	9	5
Zhytomyr	21	4	17	7
Zakarpattia	8	—	8	7
Zaporizhzhya	42	12	36	19
Ivano-Frankivsk	14	3	13	3
Kyiv	30	5	28	9
Kirovohrad	21	2	19	5
Luhansk	5	1	4	1
Lviv	44	16	35	17
Mykolayiv	18	3	17	3
Odesa	22	4	19	7
Poltava	24	1	24	12
Rivne	9	1	8	3
Sumy	21	9	18	11
Ternopil	14	5	11	3
Kharkiv	66	17	60	28
Kherson	15	3	13	8
Khmelnyskiy	16	2	15	5
Cherkasy	22	6	19	8
Chernivtsi	8	—	8	2
Chernihiv	13	2	11	4
<b>cities</b>				
Kyiv	64	22	50	22
Sevastopol	...	...	...	...



## 20.14. Number of industrial enterprises that sold innovation products in 2015, by type of activity

(units)

	Number of enterprises that sold innovation products	Including the products that are new		Number of enterprises that sold innovation products outside Ukraine
		for the market	only for an enterprise	
<b>Industry</b>	<b>570</b>	<b>142</b>	<b>490</b>	<b>213</b>
Mining and quarrying	8	—	8	3
Manufacturing	556	140	477	210
Manufacture of food products, beverages and tobacco products	143	23	135	39
Manufacture of textiles, apparel, leather and related products	21	2	20	3
Manufacture of wood and paper products, and printing	22	3	19	11
Manufacture of coke, and refined petroleum products	2	1	2	—
Manufacture of chemicals and chemical products	31	4	30	13
Manufacture of pharmaceuticals, medicinal chemical and botanical products	25	7	22	6
Manufacture of rubber and plastics products, and other non-metallic mineral products	45	8	40	9
Manufacture of basic metals and fabricated metal products, except machinery and equipment	44	8	41	23
Manufacture of computer, electronic and optical products	32	13	19	11
Manufacture of electrical equipment	40	17	30	24
Manufacture of machinery and equipment n.e.c.	67	26	51	38
Manufacture of transport equipment, trailers, and semitrailers and other	51	17	40	24
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	33	11	28	9
Electricity, gas, steam and air-conditioning supply	3	1	3	—
Water supply, sewerage, waste management and remediation	3	1	2	—

## 20.15. Number of implemented new technological processes at enterprises, by region

(units)

	Total		Including low-waste, resource efficient	
	2014	2015	2014	2015
<b>Ukraine</b>	<b>1743</b>	<b>1217</b>	<b>447</b>	<b>458</b>
Autonomous Republic of Crimea	...	...	...	...
<b>oblasts</b>				
Vinnitsya	38	26	1	17
Volyn	17	13	8	5
Dnipropetrovsk	76	77	16	30
Donetsk	11	20	9	12
Zhytomyr	23	20	6	7
Zakarpattia	3	7	1	2
Zaporizhzhya	212	114	45	35
Ivano-Frankivsk	20	50	2	8
Kyiv	38	39	22	14
Kirovohrad	11	19	4	7
Luhansk	8	21	—	5
Lviv	60	49	13	14
Mykolayiv	35	13	5	3
Odesa	30	26	11	15
Poltava	29	34	17	18
Rivne	8	9	2	3
Sumy	134	185	12	110
Ternopil	139	32	18	11
Kharkiv	273	212	70	85
Kherson	181	25	97	12
Khmelnyskiy	11	9	4	6
Cherkasy	22	15	1	4
Chernivtsi	8	15	2	6
Chernihiv	14	35	1	5
<b>cities</b>				
Kyiv	342	152	80	24
Sevastopol	...	...	...	...

## 20.16. Number of implemented new technological processes at enterprises, by type of activity

(units)

	Total		Including low-waste, resource efficient	
	2014	2015	2014	2015
<b>Industry</b>	<b>1743</b>	<b>1217</b>	<b>447</b>	<b>458</b>
Mining and quarrying	18	6	5	1
Manufacturing	1518	1126	406	394
Manufacture of food products, beverages and tobacco products	231	116	44	41
Manufacture of textiles, apparel, leather and related products	59	45	19	9
Manufacture of wood and paper products, and printing	65	28	12	1
Manufacture of coke, and refined petroleum products	—	1	—	1
Manufacture of chemicals and chemical products	88	35	12	18
Manufacture of pharmaceuticals, medicinal chemical and botanical products	28	55	1	9
Manufacture of rubber and plastics products, and other non-metallic mineral products	71	56	26	22
Manufacture of basic metals and fabricated metal products, except machinery and equipment	320	122	87	41
Manufacture of computer, electronic and optical products	50	54	22	15
Manufacture of electrical equipment	69	38	24	25
Manufacture of machinery and equipment n.e.c.	358	308	117	146
Manufacture of transport equipment, trailers, and semitrailers and other	113	193	27	52
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	66	75	15	14
Electricity, gas, steam and air-conditioning supply	196	63	31	49
Water supply, sewerage, waste management and remediation	11	22	5	14

## 20.17. Number of titles of implemented innovation types of products at industrial enterprises, by region

(units)

	Total		Including that are new			
			for the market		for an enterprise	
	2014	2015	2014	2015	2014	2015
<b>Ukraine</b>	<b>3661</b>	<b>3136</b>	<b>540</b>	<b>548</b>	<b>3121</b>	<b>2588</b>
Autonomous Republic of Crimea	...	...	...	...	...	...
<b>oblasts</b>						
Vinnitsya	76	69	15	20	61	49
Volyn	60	8	—	1	60	7
Dnipropetrovsk	168	150	19	41	149	109
Donetsk	80	153	23	20	57	133
Zhytomyr	28	13	7	4	21	9
Zakarpattia	8	9	—	—	8	9
Zaporizhzhya	611	397	93	65	518	332
Ivano-Frankivsk	130	117	25	16	105	101
Kyiv	115	97	23	17	92	80
Kirovohrad	57	51	1	7	56	44
Luhansk	14	14	1	—	13	14
Lviv	132	251	16	26	116	225
Mykolayiv	68	28	14	2	54	26
Odesa	82	58	3	11	79	47
Poltava	92	96	1	1	91	95
Rivne	6	7	2	2	4	5
Sumy	192	177	31	78	161	99
Ternopil	77	580	46	29	31	551
Kharkiv	394	208	85	45	309	163
Kherson	153	41	15	7	138	34
Khmelnyskiy	11	24	—	2	11	22
Cherkasy	57	50	4	7	53	43
Chernivtsi	24	31	1	—	23	31
Chernihiv	398	56	1	3	397	53
<b>cities</b>						
Kyiv	628	451	114	144	514	307
Sevastopol	...	...	...	...	...	...

## 20.18. Number of titles of implemented innovation types of products at industrial enterprises, by type of activity

(units)

	Total		Including that are new			
			for the market		for an enterprise	
	2014	2015	2014	2015	2014	2015
<b>Industry</b>	<b>3661</b>	<b>3136</b>	<b>540</b>	<b>548</b>	<b>3121</b>	<b>2588</b>
Mining and quarrying	4	20	—	2	4	18
Manufacturing	3602	3080	540	533	3062	2547
Manufacture of food products, beverages and tobacco products	723	455	113	68	610	387
Manufacture of textiles, apparel, leather and related products	106	72	30	15	76	57
Manufacture of wood and paper products, and printing	99	519	6	2	93	517
Manufacture of coke, and refined petroleum products	16	15	6	2	10	13
Manufacture of chemicals and chemical products	319	126	11	15	308	111
Manufacture of pharmaceuticals, medicinal chemical and botanical products	118	116	18	34	100	82
Manufacture of rubber and plastics products, and other non-metallic mineral products	145	112	21	28	124	84
Manufacture of basic metals and fabricated metal products, except machinery and equipment	354	324	33	37	321	287
Manufacture of computer, electronic and optical products	103	112	48	65	55	47
Manufacture of electrical equipment	221	138	73	68	148	70
Manufacture of machinery and equipment n.e.c.	928	718	82	130	846	588
Manufacture of transport equipment, trailers, and semitrailers and other	142	214	39	57	103	157
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	328	159	60	12	268	147
Electricity, gas, steam and air-conditioning supply	50	34	—	12	50	22
Water supply, sewerage, waste management and remediation	5	2	—	1	5	1

## 21. INTERNATIONAL COMPARISONS<sup>1</sup>

### 21.1. Population

	<i>(mln.)</i>					
	2010	2011	2012	2013	2014	2015
<b>Ukraine<sup>2</sup></b>	<b>45,7</b>	<b>45,5</b>	<b>45,4</b>	<b>45,3</b>	<b>42,8</b>	<b>42,7</b>
Austria	8,4	8,4	8,4	8,5	8,5	8,6
Azerbaijan	9,1	9,2	9,3	9,4	9,5	9,6
Belgium	10,9	11,0	11,1	11,2	11,2	11,3
Belarus	9,5	9,5	9,5	9,5	9,5	9,5
Bulgaria	7,4	7,3	7,3	7,3	7,2	7,2
United Kingdom	62,8	63,3	63,7	64,1	64,6	65,1
Armenia	3,0	3,0	3,0	3,0	3,0	3,0
Greece	11,1	11,1	11,0	11,0	10,9	10,8
Georgia	4,5	4,5	4,5	4,5	3,7	3,7
Denmark	5,5	5,6	5,6	5,6	5,6	5,7
Estonia	1,3	1,3	1,3	1,3	1,3	1,3
Israel	7,6	7,8	7,9	8,1	8,2	8,4
Spain	46,6	46,7	46,8	46,6	46,5	46,4
Italy	59,3	59,4	59,5	60,2	60,8	60,7
Kazakhstan	16,3	16,6	16,8	17,0	17,3	17,5
Canada	34,0	34,3	34,8	35,2	35,5	35,9
Kyrgyzstan	5,4	5,5	5,6	5,7	5,8	6,0
Latvia	2,1	2,1	2,0	2,0	2,0	2,0
Lithuania	3,1	3,0	3,0	3,0	2,9	2,9

## INTERNATIONAL COMPARISONS

Table 21.1 continued

	2010	2011	2012	2013	2014	2015
Luxembourg	0,5	0,5	0,5	0,5	0,6	0,6
Moldova, Republic of	3,6	3,6	3,6	3,6	3,6	3,6
Netherlands	16,6	16,7	16,8	16,8	16,9	16,9
Germany	81,0	80,2	80,4	80,6	81,0	81,7
Norway	4,9	5,0	5,0	5,1	5,1	5,2
Poland	38,0	38,1	38,1	38,0	38,0	38,0
Portugal	10,6	10,6	10,5	10,5	10,4	10,4
Russian Federation	142,8	143,0	143,2	143,5	...	...
Romania	20,2	20,1	20,1	20,0	20,0	20,0
Slovakia	5,4	5,4	5,4	5,4	5,4	5,4
Slovenia	2,0	2,1	2,1	2,1	2,1	2,1
USA	309,3	311,7	314,1	316,4	319,0	321,4
Tajikistan	7,5	7,7	7,9	...	...	...
Turkey	73,1	74,2	75,2	76,1	77,2	78,2
Hungary	10,0	10,0	9,9	9,9	9,9	9,8
Uzbekistan	28,6	29,3	29,8	30,2	30,8	31,3
Finland	5,4	5,4	5,4	5,4	5,5	5,5
France	64,8	65,1	65,4	65,7	66,2	66,6
Croatia	4,3	4,3	4,3	4,3	4,2	4,2
Czech Republic	10,5	10,5	10,5	10,5	10,5	10,5
Switzerland	7,8	7,9	8,0	8,1	8,2	...
Sweden	9,4	9,4	9,5	9,6	9,7	9,8

<sup>1</sup> Source: Information is available from the *United Nations Economic Commission for Europe* statistical data base

<sup>2</sup> Resident population on average per year

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

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>1,4</b>	<b>1,5</b>	<b>1,5</b>	<b>1,5</b>	<b>1,5</b>	<b>1,5<sup>1</sup></b>
Austria	1,4	1,4	1,4	1,4	1,5	1,5
Azerbaijan	2,3	2,4	2,3	2,2	2,2	2,1
Belgium	1,9	1,8	1,8	1,8	1,7	1,7
Belarus	1,5	1,5	1,6	1,7	1,7	...
Bulgaria	1,6	1,5	1,5	1,5	1,5	1,5
United Kingdom	1,9	1,9	1,9	1,8	1,8	1,8
Armenia	1,6	1,5	1,6	1,6	1,6	...
Greece	1,5	1,4	1,3	1,3	1,3	1,3
Georgia	1,8	1,7	1,7	1,7	2,2	...
Denmark	1,9	1,8	1,7	1,7	1,7	1,7
Estonia	1,7	1,6	1,6	1,5	1,5	1,6
Israel	3,0	3,0	3,0	3,0	3,1	...
Spain	1,4	1,3	1,3	1,3	1,3	1,3
Italy	1,5	1,4	1,4	1,4	1,4	1,4
Kazakhstan	2,6	2,6	2,6	2,6	2,7	2,7
Canada	1,6	1,6	1,6	...	...	...
Kyrgyzstan	3,0	3,1	3,1	3,1	3,2	3,2
Latvia	1,4	1,3	1,4	1,5	1,6	1,7
Lithuania	1,5	1,6	1,6	1,6	1,6	1,7
Luxembourg	1,6	1,5	1,6	1,6	1,5	1,5



## INTERNATIONAL COMPARISONS

*Table 21.2 continued*

	2010	2011	2012	2013	2014	2015
Moldova, Republic of	1,3	1,3	1,3	1,2	1,3	...
Netherlands	1,8	1,8	1,7	1,7	1,7	1,7
Germany	1,4	1,4	1,4	1,4	1,5	1,5
Norway	2,0	1,9	1,8	1,8	1,8	1,7
Poland	1,4	1,3	1,3	1,3	1,3	1,3
Portugal	1,4	1,4	1,3	1,2	1,2	1,3
Russian Federation	1,6	1,6	1,7	1,7	...	...
Romania	1,6	1,5	1,5	1,5	1,5	1,6
Slovakia	1,4	1,4	1,3	1,3	1,4	1,4
Slovenia	1,6	1,6	1,6	1,6	1,6	1,6
USA	1,9	1,9	1,9	1,9	1,9	1,8
Tajikistan	3,6	3,6	3,8	3,8	3,8	...
Turkey	2,0	2,0	2,1	2,1	2,2	2,1
Hungary	1,2	1,2	1,3	1,4	1,4	1,4
Finland	1,9	1,8	1,8	1,8	1,7	1,6
France	2,0	2,0	2,0	2,0	2,0	2,0
Croatia	1,5	1,4	1,5	1,5	1,5	1,4
Czech Republic	1,5	1,4	1,4	1,5	1,5	1,6
Switzerland	1,5	1,5	1,5	1,5	1,5	1,5
Sweden	2,0	1,9	1,9	1,9	1,9	1,8

<sup>1</sup> The calculation is made excluding data on the Donetsk and Luhansk regions

**21.3. Average life expectancy at birth for women***(years)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>75,5<sup>1</sup></b>	<b>75,9</b>	<b>76,0</b>	<b>76,2</b>	<b>76,4</b>	<b>76,3<sup>2</sup></b>
Austria	83,5	83,8	83,6	83,8	84,0	83,7
Azerbaijan	76,0	76,5	76,6	77,1	77,3	...
Belgium	83,0	83,3	83,1	83,2	83,9	83,4
Belarus	76,5	76,7	77,6	77,9	78,4	78,9
Bulgaria	77,4	77,8	77,9	78,6	78,0	78,2
United Kingdom	82,6	83,0	82,8	82,9	83,2	82,8
Armenia	77,2	77,5	77,8	77,9	78,3	...
Greece	83,3	83,6	83,4	84,0	84,1	83,7
Georgia	78,8	78,6	78,4	79,5	77,3	...
Denmark	81,4	81,9	82,1	82,4	82,8	82,7
Estonia	80,8	81,3	81,5	81,7	81,9	82,2
Israel	84,1	84,1	84,1	84,4	...	...
Spain	85,5	85,6	85,5	86,1	86,2	85,8
Italy	84,7	84,8	84,8	85,2	85,6	84,9
Kazakhstan	73,5	74,0	74,5	75,4	76,0	76,4
Canada	83,2	83,4	83,6	...	...	...
Kyrgyzstan	73,7	73,8	74,2	74,9	...	...
Latvia	78,0	78,8	78,9	78,9	79,4	79,5
Lithuania	78,9	79,3	79,6	79,6	80,1	79,7
Luxembourg	83,5	83,6	83,8	83,9	85,2	84,7

## INTERNATIONAL COMPARISONS

Table 21.3 continued

	2010	2011	2012	2013	2014	2015
Moldova, Republic of	73,5	75,1	75,1	75,7	75,5	...
Netherlands	83,0	83,1	83,0	83,2	83,5	83,2
Germany	83,0	83,1	83,1	83,0	83,6	83,1
Norway	83,3	83,6	83,5	83,8	84,2	84,2
Poland	80,7	81,1	81,1	81,2	81,7	81,6
Portugal	83,2	83,8	83,6	84,0	84,4	84,3
Russian Federation	74,9	75,6	75,9	76,3	...	...
Romania	77,7	78,2	78,1	78,7	78,7	78,7
Slovakia	79,3	79,8	79,9	80,1	80,5	80,2
Slovenia	83,1	83,3	83,3	83,6	84,1	83,9
USA	81,1	81,1	81,2	81,2	81,2	...
Tajikistan	74,4	74,1	74,6	75,3	75,4	...
Turkey	78,7	78,9	79,1	79,2	79,3	79,4
Hungary	78,6	78,7	78,7	79,1	79,4	79,0
Finland	83,5	83,8	83,7	84,1	84,1	84,4
France	85,3	85,7	85,4	85,6	86,0	85,5
Croatia	79,9	80,4	80,6	81,0	81,0	80,5
Czech Republic	80,9	81,1	81,2	81,3	82,0	81,6
Switzerland	84,9	85,0	84,9	85,0	85,4	85,1
Sweden	83,6	83,8	83,6	83,8	84,2	84,1

<sup>1</sup> Data of the State Statistics Service of Ukraine are calculated for two contiguous years<sup>2</sup> See the footnote to Table 21.2

**21.4. Average life expectancy at birth for men***(years)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>65,3<sup>1</sup></b>	<b>66,0</b>	<b>66,1</b>	<b>66,3</b>	<b>66,3</b>	<b>66,4<sup>2</sup></b>
Austria	77,8	78,3	78,4	78,6	79,1	78,8
Azerbaijan	71,2	71,2	71,6	72,1	72,2	...
Belgium	77,5	78,0	77,8	78,1	78,8	78,7
Belarus	64,6	64,7	66,6	67,3	67,8	68,8
Bulgaria	70,3	70,7	70,9	71,3	71,1	71,2
United Kingdom	78,6	79,0	79,1	79,2	79,5	79,2
Armenia	70,6	70,7	71,3	71,5	71,8	...
Greece	78,0	78,0	78,0	78,7	78,8	78,5
Georgia	70,0	70,1	70,4	71,0	68,8	...
Denmark	77,2	77,8	78,1	78,3	78,7	78,8
Estonia	70,9	71,4	71,4	72,8	72,4	73,2
Israel	80,2	80,4	80,3	80,8	...	...
Spain	79,2	79,5	79,5	80,2	80,4	80,1
Italy	79,5	79,7	79,8	80,3	80,7	80,3
Kazakhstan	63,7	64,4	65,0	66,0	67,1	67,5
Canada	78,8	79,1	79,4	...	...	...
Kyrgyzstan	65,5	66,0	66,3	67,0	...	...
Latvia	67,9	68,6	68,9	69,3	69,1	69,7
Lithuania	67,6	68,1	68,4	68,5	69,2	69,2
Luxembourg	77,9	78,5	79,1	79,8	79,4	80,0

## INTERNATIONAL COMPARISONS

Table 21.4 continued

	2010	2011	2012	2013	2014	2015
Moldova, Republic of	64,9	66,8	67,2	68,2	67,6	...
Netherlands	78,9	79,4	79,3	79,5	80,0	79,9
Germany	78,0	77,9	78,1	78,1	78,7	78,3
Norway	79,0	79,1	79,5	79,8	80,1	80,5
Poland	72,2	72,5	72,6	73,0	73,7	73,5
Portugal	76,8	77,3	77,3	77,6	78,0	78,1
Russian Federation	63,1	64,0	64,6	65,1	...	...
Romania	70,0	70,8	70,9	71,6	71,4	71,5
Slovakia	71,8	72,3	72,5	72,9	73,3	73,1
Slovenia	76,4	76,8	77,1	77,2	78,2	77,8
USA	76,2	76,3	76,4	76,4	76,4	...
Tajikistan	70,8	70,9	71,1	71,6	71,6	...
Turkey	74,2	74,4	74,6	74,7	74,8	74,9
Hungary	70,7	71,2	71,6	72,2	72,3	72,3
Finland	76,9	77,3	77,7	78,0	78,4	78,7
France	78,2	78,7	78,7	79,0	79,5	79,2
Croatia	73,4	73,8	73,9	74,5	74,7	74,4
Czech Republic	74,5	74,8	75,1	75,2	75,8	75,7
Switzerland	80,3	80,5	80,6	80,7	81,1	80,8
Sweden	79,6	79,9	79,9	80,2	80,4	80,4

<sup>1</sup> See the first footnote to Table 21.3<sup>2</sup> See the footnote to Table 21.2

**21.5. Economic activity rate of women aged 15–64***(percent)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>62,1</b>	<b>61,8</b>	<b>61,9</b>	<b>62,1</b>	<b>59,8<sup>1</sup></b>	<b>60,4</b>
Austria	68,4	68,8	69,6	70,2	70,3	70,3
Azerbaijan	67,7	66,9	67,1	67,2	67,9	68,3
Belgium	61,7	60,8	61,0	62,1	62,8	62,8
Belarus	...	...	72,3	72,8	73,6	74,1
Bulgaria	62,6	62,1	63,2	64,6	65,1	65,5
United Kingdom	68,5	68,8	69,4	70,0	70,4	70,8
Armenia	57,4	58,7	58,6	57,6	58,2	54,7
Greece	57,4	57,2	58,0	58,1	58,9	59,8
Georgia	49,9	49,7	50,9	50,1	59,2	62,6
Denmark	75,8	75,8	75,5	75,4	74,8	75,0
Estonia	71,3	71,8	71,7	72,2	71,6	73,0
Izrael	60,9	60,9	67,0	67,2	68,4	68,3
Spain	66,1	67,2	68,2	68,5	68,6	68,9
Italy	51,4	51,9	54,0	53,9	54,3	54,1
Kazakhstan	72,3	72,9	74,2	74,3	...	73,4
Canada	72,9	72,7	72,9	73,2	72,8	72,8
Kyrgyzstan	56,3	56,5	55,3	52,6	53,9	53,4
Latvia	71,2	70,3	72,0	71,6	70,9	72,1
Lithuania	...	...	...	...	...	...
Luxembourg	58,6	58,9	61,1	60,8	61,3	64,5

## INTERNATIONAL COMPARISONS

*Table 21.5 continued*

	2010	2011	2012	2013	2014	2015
Moldova, Republic of	44,5	44,9	43,4	44,0	44,0	45,5
Netherlands	72,0	72,2	73,5	74,1	73,4	74,0
Germany	70,1	71,4	71,3	72,0	72,3	72,4
Norway	75,4	75,6	75,7	75,9	75,8	75,9
Poland	55,9	56,2	57,0	57,4	58,2	58,6
Portugal	69,7	69,5	69,7	69,7	70,0	70,2
Russian Federation	67,8	68,3	68,5	68,5	...	...
Romania	56,2	56,2	56,5	56,4	57,1	56,9
Slovakia	62,1	60,9	61,8	62,6	63,0	64,5
Slovenia	67,6	66,5	67,0	66,6	67,2	67,9
USA	66,0	65,2	65,7	65,4	65,2	65,2
Turkey	29,2	30,6	31,4	32,8	33,0	34,3
Finland	72,6	72,6	73,4	73,4	73,9	74,4
France	63,0	62,9	63,5	64,1	66,1	66,2
Croatia	59,6	57,6	57,9	58,5	61,3	62,1
Czech Republic	61,9	62,2	63,5	65,1	65,6	66,4
Switzerland	76,0	76,3	76,6	77,4	78,3	...
Sweden	76,2	77,3	77,9	78,8	79,3	79,9

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

**21.6. Economic activity rate of men aged 15–64***(percent)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>72,4</b>	<b>73,3</b>	<b>73,9</b>	<b>72,3</b>	<b>72,3<sup>1</sup></b>	<b>72,6</b>
Austria	78,5	78,3	78,7	78,9	78,5	78,5
Azerbaijan	72,5	72,0	72,2	72,7	73,1	73,3
Belgium	73,2	71,7	71,8	72,2	72,1	71,7
Belarus	...	...	75,7	76,7	77,7	78,2
Bulgaria	71,1	69,9	70,7	72,0	72,8	73,0
United Kingdom	79,8	79,9	80,3	80,4	80,4	80,5
Armenia	71,7	67,7	66,8	65,8	66,2	64,8
Greece	76,8	75,7	75,6	76,2	76,0	76,4
Georgia	62,5	62,3	64,5	64,0	76,6	80,1
Denmark	82,3	82,0	81,1	80,3	80,8	81,2
Estonia	76,4	78,0	78,0	78,3	78,9	79,8
Izrael	68,1	68,2	75,6	75,6	75,9	75,9
Spain	80,1	79,8	79,5	79,1	78,9	79,1
Italy	73,5	73,4	74,4	73,5	73,3	73,9
Kazakhstan	79,9	80,4	81,8	82,1	...	82,0
Canada	79,2	79,3	79,1	79,2	79,1	79,7
Kyrgyzstan	80,4	80,6	80,5	79,7	78,2	78,8
Latvia	74,8	75,1	75,9	75,8	76,2	77,4
Lithuania	73,2	73,6	73,7	74,7	76,0	...
Luxembourg	73,0	72,2	73,2	72,7	72,6	74,0



## INTERNATIONAL COMPARISONS

*Table 21.6 continued*

	2010	2011	2012	2013	2014	2015
Moldova, Republic of	48,4	49,0	47,2	48,1	47,5	48,6
Netherlands	82,6	81,9	83,0	83,8	83,4	83,3
Germany	80,5	81,6	81,5	81,4	81,3	80,6
Norway	80,3	79,6	80,4	80,0	79,6	80,0
Poland	68,9	69,4	70,0	70,5	71,1	71,4
Portugal	77,8	77,9	77,2	76,3	76,4	76,4
Russian Federation	77,5	78,0	78,4	78,7	...	...
Romania	73,8	72,2	73,2	73,5	74,5	75,8
Slovakia	76,7	76,6	77,2	77,3	77,8	77,7
Slovenia	75,3	74,0	73,8	74,2	74,6	75,3
USA	75,7	74,9	74,6	74,5	74,3	74,3
Turkey	71,0	72,2	72,2	72,8	74,0	74,3
Finland	75,8	76,3	76,2	76,0	76,0	76,3
France	70,9	70,7	71,4	71,5	73,2	73,2
Croatia	70,6	70,7	69,8	68,8	71,0	71,4
Czech Republic	79,2	78,7	79,5	80,6	81,2	81,4
Switzerland	87,9	88,0	88,0	87,7	87,6	...
Sweden	81,8	82,4	82,6	83,3	83,6	83,5

<sup>1</sup> See the footnote to Table 21.5

**21.7. Unemployment rate***(on average per year; percentage of economically active population)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine<sup>1</sup></b>	<b>8,1</b>	<b>7,9</b>	<b>7,5</b>	<b>7,2</b>	<b>9,3<sup>2</sup></b>	<b>9,1</b>
Austria	4,8	4,6	4,9	5,4	5,6	5,7
Azerbaijan	5,6	5,4	5,2	5,0	4,9	5,0
Belgium	8,3	7,2	7,6	8,4	8,5	8,5
Belarus	0,8	0,7	0,6	0,5	0,5	0,9
Bulgaria	10,3	11,3	12,3	13,0	11,4	9,2
United Kingdom	7,8	8,1	7,9	7,6	6,1	5,3
Armenia <sup>3</sup>	19,0	18,4	17,3	16,2	17,6	18,5
Greece	12,7	17,9	24,5	27,5	26,5	24,9
Georgia	16,3	15,1	15,0	14,6	12,4	12,0
Denmark	7,5	7,6	7,5	7,0	6,6	6,2
Estonia	16,7	12,3	10,0	8,6	7,4	6,2
Israel	6,7	5,6	6,9	6,2	5,9	5,3
Spain	19,9	21,4	24,8	26,1	24,5	22,1
Italy	8,4	8,4	10,7	12,1	12,7	11,9
Kazakhstan	5,8	5,4	5,3	5,2	5,0	5,0
Canada	8,1	7,5	7,3	7,1	6,9	6,9
Kyrgyzstan	8,6	8,5	8,4	8,3	8,0	7,6
Latvia	19,5	16,2	15,0	11,9	10,8	9,9
Lithuania	17,8	15,4	13,4	11,8	10,7	9,1
Luxembourg	4,6	4,8	5,1	5,9	6,0	6,5

## INTERNATIONAL COMPARISONS

Table 21.7 continued

	2010	2011	2012	2013	2014	2015
Moldova, Republic of	7,4	6,7	5,6	5,1	3,9	4,9
Netherlands	5,0	5,0	5,8	7,3	7,4	6,9
Germany	7,0	5,8	5,4	5,2	5,0	4,6
Norway	3,6	3,3	3,2	3,5	3,5	4,4
Poland	9,7	9,7	10,1	10,3	9,0	7,5
Portugal	12,0	12,9	15,8	16,4	14,1	12,6
Russian Federation	7,3	6,5	5,5	5,5	...	...
Romania	7,0	7,2	6,8	7,1	6,8	6,8
Slovakia	14,5	13,7	14,0	14,2	13,2	11,5
Slovenia	7,3	8,2	8,9	10,1	9,7	9,0
USA	9,6	8,9	8,1	7,4	6,2	5,3
Tajikistan <sup>3</sup>	2,1	2,3	2,4	2,3	2,4	2,3
Turkey	11,1	9,1	8,4	9,0	9,9	10,3
Hungary	11,2	11,0	11,0	10,2	7,7	6,8
Uzbekistan <sup>3</sup>	5,4	5,0	4,9	4,9	5,1	...
Finland	8,4	7,8	7,7	8,2	8,7	9,4
France	9,3	9,2	9,8	10,3	10,3	10,4
Croatia	11,7	13,7	16,0	17,3	17,3	16,3
Czech Republic	7,3	6,7	7,0	7,0	6,1	5,1
Switzerland	4,5	4,0	4,2	4,4	4,5	4,5
Sweden	8,6	7,8	8,0	8,0	7,9	7,4

<sup>1</sup> For persons aged 15–70 year old<sup>2</sup> See the footnote to Table 21.5<sup>3</sup> Registered unemployment rate end of year

**21.8. GDP volume indices***(at the 2010 prices and PPPs; percent of the previous year)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>104,1</b>	<b>105,4</b>	<b>100,2</b>	<b>100,0</b>	<b>93,4</b>	<b>90,2</b>
Austria	101,9	102,8	100,7	100,1	100,6	101,0
Azerbaijan	105,0	100,1	102,2	105,8	102,8	101,1
Belgium	102,7	101,8	100,1	99,9	101,7	101,5
Belarus	107,7	105,5	101,7	101,0	101,7	96,1
Bulgaria	101,3	101,9	100,0	100,9	101,3	103,6
United Kingdom	101,9	101,5	101,3	101,9	103,1	102,2
Armenia	102,2	104,7	107,2	103,3	103,6	103,0
Greece	94,5	90,9	92,7	96,8	100,4	99,8
Georgia	106,2	107,2	106,4	103,4	104,6	103,2
Denmark	101,9	101,3	100,2	100,9	101,7	101,6
Estonia	102,3	107,6	104,3	101,4	102,8	101,4
Israel	105,7	105,1	102,4	104,4	103,2	102,5
Spain	100,0	99,0	97,1	98,3	100,4	103,2
Italy	101,7	100,6	97,2	98,3	100,1	100,8
Kazakhstan	107,3	108,9	104,8	106,0	104,2	101,2
Canada	103,1	103,1	101,7	102,5	102,6	100,9
Kyrgyzstan	99,5	106,0	99,9	110,5	104,0	103,9
Latvia	96,2	106,4	104,0	102,6	102,1	102,7
Lithuania	101,6	106,0	103,8	103,5	103,5	101,8

## INTERNATIONAL COMPARISONS

Table 21.8 continued

	2010	2011	2012	2013	2014	2015
Luxembourg	104,9	102,5	99,6	104,0	105,6	104,0
Moldova, Republic of	107,1	106,8	99,3	109,4	104,8	99,5
Netherlands	101,4	101,7	98,9	99,8	101,4	102,0
Germany	104,1	103,7	100,5	100,5	101,6	101,7
Norway	100,6	101,0	102,7	101,0	101,9	101,6
Poland	103,6	105,0	101,6	101,4	103,3	103,9
Portugal	101,9	98,2	96,0	98,9	100,9	101,6
Russian Federation	104,5	104,3	103,4	101,3	...	...
Romania	99,2	101,1	100,6	103,5	103,1	103,9
Slovakia	105,0	102,8	101,7	101,5	102,6	103,8
Slovenia	101,2	100,6	97,3	98,9	103,1	102,3
USA	102,5	101,6	102,2	101,7	102,4	102,6
Tajikistan	106,5	102,4	107,5	107,4	106,7	106,0
Turkey	108,5	111,1	104,8	108,5	105,2	106,1
Hungary	100,7	101,7	98,4	102,1	104,0	103,1
Uzbekistan	108,5	108,3	108,2	108,0	108,0	108,0
Finland	103,0	102,6	98,6	99,2	99,4	100,3
France	102,0	102,1	100,2	100,6	100,6	101,3
Croatia	98,3	99,7	97,8	98,9	99,5	101,6
Czech Republic	102,3	102,0	99,2	99,5	102,7	104,5
Switzerland	103,0	101,8	101,0	101,8	102,0	100,8
Sweden	106,0	102,7	99,7	101,2	102,6	104,1

**21.9. Consumer price indices***(percentage of the previous year)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine</b>	<b>109,4</b>	<b>108,0</b>	<b>100,6</b>	<b>99,7</b>	<b>112,1</b>	<b>148,7</b>
Austria	101,8	103,3	102,5	102,0	101,6	100,9
Azerbaijan	105,7	107,8	101,0	102,4	101,4	104,0
Belgium	102,2	103,5	102,8	101,1	100,3	100,6
Belarus	107,7	153,3	159,1	118,3	118,3	113,6
Bulgaria	102,4	104,2	103,0	100,9	98,6	99,9
United Kingdom	103,3	104,5	102,8	102,6	101,5	100,1
Armenia	108,2	107,7	102,6	105,8	103,0	103,7
Greece	104,7	103,3	101,5	99,1	98,7	98,3
Georgia	107,1	108,5	99,1	99,5	103,1	104,0
Denmark	102,3	102,8	102,4	100,8	100,6	100,5
Estonia	103,0	105,0	103,9	102,8	99,9	99,5
Israel	102,7	103,5	101,7	101,5	100,5	99,4
Spain	101,8	103,2	102,4	101,4	99,9	99,5
Italy	101,5	102,7	103,0	101,2	100,2	100,0
Kazakhstan	107,1	108,3	105,1	105,8	106,7	106,6
Canada	101,8	102,9	101,5	100,9	101,9	101,1
Kyrgyzstan	108,0	116,5	102,7	106,6	107,5	106,5
Latvia	98,9	104,4	102,3	100,0	100,6	100,2
Lithuania	101,3	104,1	103,1	101,0	100,1	99,1

## INTERNATIONAL COMPARISONS

*Table 21.9 continued*

	2010	2011	2012	2013	2014	2015
Luxembourg	102,3	103,4	102,7	101,7	100,6	100,5
Moldova, Republic of	107,4	107,6	104,6	104,6	105,1	109,7
Netherlands	101,3	102,3	102,5	102,5	101,0	100,6
Germany	101,1	102,1	102,0	101,5	100,9	100,2
Norway	102,4	101,3	100,7	102,1	102,0	102,2
Poland	102,7	104,3	103,6	101,0	100,1	99,1
Portugal	101,4	103,7	102,8	100,3	99,7	100,5
Russian Federation	106,9	108,4	105,1	106,8	...	...
Romania	106,1	105,8	103,3	104,0	101,1	99,4
Slovakia	101,0	103,9	103,6	101,4	99,9	99,7
Slovenia	101,8	101,8	102,6	101,8	100,2	99,5
USA	101,6	103,2	102,1	101,5	101,6	100,1
Tajikistan	106,4	112,4	105,8	105,0	106,1	105,7
Turkey	108,6	106,5	108,9	107,5	108,9	107,7
Hungary	104,9	103,9	105,7	101,7	99,8	99,9
Finland	101,2	103,4	102,8	101,5	101,0	99,8
France	101,5	102,1	102,0	100,9	100,5	100,0
Croatia	101,0	102,3	103,4	102,2	99,8	99,5
Czech Republic	101,4	101,9	103,3	101,4	100,4	100,3
Switzerland	100,7	100,2	99,3	99,8	100,0	98,9
Sweden	101,2	103,0	100,9	100,0	99,8	100,0

**21.10. Industrial production indices***(percent of the previous year)*

	2010	2011	2012	2013	2014	2015
<b>Ukraine<sup>1</sup></b>	<b>112,0</b>	<b>108,0</b>	<b>99,5</b>	<b>95,7</b>	<b>89,9</b>	<b>87,0</b>
Austria	107,1	106,2	99,9	100,8	100,8	102,3
Azerbaijan	102,6	95,0	97,7	101,8	99,3	102,4
Belgium	111,5	104,7	97,8	100,8	100,9	100,2
Belarus	111,7	109,1	105,8	95,1	101,9	93,4
Bulgaria	102,0	105,8	99,7	99,8	101,8	102,9
United Kingdom	103,2	99,4	97,3	99,3	101,6	101,2
Armenia	109,7	114,1	108,8	106,8	102,7	105,2
Greece	93,9	94,2	97,9	96,2	98,1	101,0
Georgia	114,7	121,5	105,6	100,6	104,6	102,0
Denmark	101,9	101,8	100,2	100,4	100,9	101,2
Estonia	123,5	119,9	101,1	104,1	103,9	100,3
Israel	109,5	102,1	104,0	100,5	101,2	102,2
Spain	100,9	97,9	93,4	98,1	101,6	103,3
Italy	107,0	100,4	94,0	96,9	98,9	101,8
Kazakhstan	110,0	110,0	100,5	102,3	100,2	98,4
Canada	104,8	104,9	100,0	101,5	104,1	99,3
Kyrgyzstan	109,8	111,9	84,1	128,6	98,4	99,8
Latvia	114,8	109,0	106,2	99,0	99,0	103,6
Lithuania	106,4	106,3	103,7	103,2	100,1	104,9



## INTERNATIONAL COMPARISONS

*Table 21.10 continued*

	2010	2011	2012	2013	2014	2015
Luxembourg	108,9	101,4	95,2	96,8	104,4	101,2
Moldova, Republic of	109,3	109,5	98,1	106,8	107,3	101,1
Netherlands	107,8	99,3	99,4	100,6	97,1	96,3
Germany	111,2	107,0	99,2	99,9	101,3	101,5
Norway	94,4	95,0	101,8	97,3	102,1	101,5
Poland	111,1	106,7	101,3	102,3	103,4	104,8
Portugal	101,7	98,7	94,2	100,8	101,7	101,9
Russian Federation	107,3	105,0	103,4	101,8	...	...
Romania	105,5	107,5	102,4	107,8	106,1	102,8
Slovakia	108,2	105,2	108,0	103,8	103,6	107,3
Slovenia	107,2	101,3	98,9	99,0	102,2	105,6
USA	105,5	102,9	102,8	101,9	102,9	100,3
Tajikistan	109,2	105,7	110,4	103,8	105,0	111,3
Turkey	112,9	110,1	102,5	103,0	103,6	103,2
Hungary	110,5	105,6	98,2	101,1	107,7	107,4
Finland	105,7	101,7	97,8	96,9	98,2	99,0
France	104,5	102,4	97,7	99,2	99,2	101,9
Croatia	98,6	98,8	94,5	98,2	101,2	102,7
Czech Republic	108,6	105,9	99,2	99,9	105,0	104,6
Switzerland	104,2	103,6	102,6	100,8	101,4	97,6
Sweden	109,4	102,7	97,9	95,3	98,1	103,7

<sup>1</sup> See the footnotes to Table 13.1

# INDEX

<b>A</b>		
Administrative and territorial units	1.3	
Agricultural:		
crops		
area	14.11–14.13	
output	14.14–14.16	
yield	14.17, 14.18	
enterprises	11.9, 14.7–14.10, 14.20	
Availability of telephones		
to households	16.18	
<b>B</b>		
Basic social and economic indicators	1.4	
<b>C</b>		
Care homes	7.2	
Capital investment	15.1	
Cash benefits and in-kind assistance to low-income persons	7.9, 7.10	
Children registered with the units of preventive activity	8.5	
Climate	1.1	
Construction output	15.4–15.6	
Convicted persons	8.3, 8.4, 8.6, 8.7	
Crimes	8.1, 8.2, 8.6, 8.7	
<b>D</b>		
Death rates of infants under 1 year old	2.6	
<b>E</b>		
Economically active population	3.1, 21.5, 21.6	
Educational institutions:		
enrollment	6.1, 6.2	
of higher education institutions	6.8, 6.9	
professional training institutions	6.7	
secondary educational institutions	6.3–6.6	
Employment:		
registered vacancies	3.3, 3.4	
Exports:		
goods	17.2	
goods for processing	17.4	
services	17.6, 17.7	
<b>F</b>		
Fishing and harvesting	14.34, 14.35	
Food, tobacco products and alcoholic beverages sold through retail trade	18.7, 18.8	
Foodstuff consumed	4.8, 4.9	
Foreign trade:		
goods (commodity)	17.1, 17.3	
services	17.5	
Forest felling	14.31	
Forest fires	14.32	
Forest protection operations	14.33	
Forestry	14.28, 14.29	
Freight shipped	16.1, 16.3, 16.5, 16.6	
Freight transported by pipelines	16.8	
Freight traffic	16.4, 16.7	
<b>G</b>		
Geopolitical information	1.1	
Gross domestic product (GDP)	10.1–10.3, 21.8	
Gross regional product (GRP)	10.6–10.9	
<b>H</b>		
Health care	7.1	
HIV infections	7.8	
Households:		
availability of durable goods	4.10	
foodstuff consumed	4.8	
population by income	4.5, 4.7	
structure of expenditure	4.4, 4.6	
Housing stock	5.1, 5.2	
old housing stock	5.3	
Hunting	14.25–14.27	

<b>I</b>					14.19–14.24
ILO unemployed	3.2		industrial		13.5–13.14
Implemented new technological processes at enterprises	20.15, 20.16				
Imports:			<b>P</b>		
goods	17.1, 17.2		Passenger transport		16.9, 16.11
goods for processing	17.4		Passenger traffic		16.10
services	17.6, 17.7		Pollutant emissions into the atmosphere		9.1, 9.2
Incidence	7.3–7.7		Population	2.1, 2.2, 21.1	
Indices:			births	2.4, 2.5	
agricultural production	11.1, 11.9, 14.1, 14.2		deaths	2.4, 2.5, 2.6	
basic social and economic indicators	1.5		income and expenditure	4.1–4.4	
construction output	15.4–15.6		fertility rate	21.2	
freight shipped	16.1		marriages and divorces	2.4	
GDP	21.8		migration	2.7, 2.8	
GRP	10.9		subsidies	7.11	
industrial production	13.1, 13.2, 21.10		vital statistics	2.4, 2.5	
passenger transport	16.2		Post and communication services	11.11, 16.15–16.17	
retail turnover	18.6		Price indices	11.1	
Innovations at industrial enterprises (innovative products)	20.9–20.14, 20.17, 20.18		consumer prices	11.4–11.6, 21.9	
Input-output at consumer prices	10.5		consumer prices and producer prices	11.2, 11.3	
Integrated table of national accounts	10.4		price for construction	11.10	
International comparisons	21.1–21.10		price for products sold by agricultural enterprises	11.9	
Investment:			producer prices	11.7, 11.8	
direct Ukrainian abroad	17.11–17.14		tariff indices for post and communication services	11.11	
direct in Ukraine	17.8–17.10		tariff indices for shipment of cargo	11.12	
<b>L</b>			tariff indices for transportation by pipelines	11.13	
Length of transport network	16.13		Products sold	18.7–18.9	
Life expectancy at birth	2.3, 21.3, 21.4		Put into operation:		
Livestock animals	14.19–14.21		agricultural production and capacities		
<b>M</b>			of the food-processing industry	15.3	
Marketable timber produced	14.30		capacities for preventing pollution of water and air	9.3	
<b>N</b>			production capacities	15.2	
National accounts	10.1–10.9		Put into service:		
<b>O</b>			residential buildings	15.7–15.10	
Output of products:			social and cultural facilities	15.11	
agricultural (crop growing, cattle raising)	14.3–14.6, 14.14–14.16,		<b>R</b>		
			R&D activity (work performed)	20.1, 20.2, 20.5, 20.6	

# INDEX

R&D performance	20.3, 20.4	wholesale	18.1, 18.2
Religious organisations	1.2	Traffic accidents	16.14
Retail sales of non-foods and commodity groups	18.9	<b>U</b>	
Revenues of post and communication services	16.15, 16.16	Unemployment rate	21.7
Rolling stock	16.12	Unified State Register of Enterprises and Organisations of Ukraine (Business Register)	12.1–12.4
<b>S</b>		Usage of fuel	13.3, 13.4
Sale of agricultural products	14.9, 14.10	Use of information and communication technologies at enterprises of Ukraine	19.1–19.4
Specialists with scientific degrees	20.7, 20.8	<b>W</b>	
<b>T</b>		Wages of employees	3.5–3.9
Turnover: retail	18.3–18.5		