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STATISTICAL
YEARBOOK OF

Ukraine

for 2016

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STATE STATISTICS SERVICE OF UKRAINE

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The Statistical Yearbook provides data on social and economic situation of Ukraine in 2016 earlier years. The Yearbook includes statistics of national accounts, production, finance, population, health, education and many other topics. It also includes comparisons of Ukraine with other selected countries of the world.

The publication is intended for a wide audience of readers. More detailed statistics on any one sector can be obtained from our wide range of specialist publication.



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FOREWORD

Statistical Yearbook of Ukraine for 2016 contains a wide range of statistical indicators on the country's social and economic situation in 2016 as compared to 2000, 2005, 2010–2015.

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

Also, the publication has a separate section which compares the basic indicators of Ukraine's social and economic development to indicators of selected countries of the world.

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

Selected macroeconomic and sector indicators for 2016 are preliminary and will be revised in the forthcoming editions. Some indicators for the previous years have been revised as to those previously published.

In the publication, 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 the 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.

Also, the edition has the section that contains basic indicators of Ukraine's social and economic situation for 2010–2016 excluding the temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and for 2014–2016, apart of the zone where the anti-terrorist operation is conducted.

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

State Statistics Service of Ukraine

ABBREVIATIONS USED IN THE YEARBOOK

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

CONVENTIONAL SYMBOLS USED IN THE YEARBOOK

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 may not equal the total

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1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.1. Geographical and political characteristics

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

Present population as of January 1, 2017	42,6 mln. (excluding the temporary occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol)
Area	603,5 thsd.sq.km (State Service on Geodesy, Cartography and Cadaster of Ukraine)
Length	
from West to East	1316 km
from North to South	893 km
of borders	6993,63 km
Extreme border locations	
Northern	Hremiach Village (Chernihiv oblast)
Southern	Sarych Cape (Autonomous Republic of Crimea)
Western	neighbourhood Chop city (Zakarpattia oblast)
Eastern	Village Rannya Zorya (<i>formerly</i> Chervona Zirka (Luhansk oblast)) ¹

Neighbouring countries

Poland; Slovakia; Hungary; Romania; Moldova, Republic of; Russian Federation; Belarus.

Climate

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

Annual rainfall in 2016		<i>(source: the Ukrainian Hydrometeorological center; mm)</i>	
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 Buh	806	Sluch	451
Siverskyi Donets	700	Styr	424
Horyn'	577	Zakhidnyi Boh	401
Desna	575	Oril'	346

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

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

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

¹ See the footnote to Table 10.9

This geographic note was compiled on the basis of the *National Atlas of Ukraine* (Kyiv: *SSPE Kartograhia*, 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 of Culture of Ukraine; beginning of year)

	2001	2006	2011	2012	2013	2014	2015	2016	2017
Total	24311	30507	33977	34586	35116	37209	35317	35709	35919
Centers, departments (eparchies, dioceses, etc)	241	299	362	375	382	386	379	378	380
Communities	23400	29262	32521	33099	33581	35646	33781	34183	34385
Monasteries	277	386	459	471	500	519	516	516	515
Missions	214	309	357	360	370	369	365	359	365
Brotherhoods	53	76	78	80	81	83	78	75	72
Theological schools	126	175	200	201	202	206	198	198	202
Number of clergy	22626	28431	30199	30880	31313	32456	31781	31851	31451
Number of Sunday schools	7684	12522	12762	12899	13157	13104	12406	12171	12922

Of the total religious organisations 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.

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.3. Administrative and territorial units, by region

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

	Rayons	United territorial communities	Cities and towns		City districts	Townships	Villages
			total	of which have special, republican and oblast status			
Ukraine	490	216	460	189	111	885	28377
Autonomous Republic of Crimea	14	—	16	11	3	56	947
oblasts							
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
cities							
Kyiv	—	—	1	1	10	—	—
Sevastopol ¹	—	—	2	1	4	1	29

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

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.4. Basic social and economic indicators

	2000	2005	2010	2012	2013	2014	2015	2016
Gross domestic product (at current prices) ¹ , bln. UAH	176,1	457,3	1120,6	1459,1	1522,7	1586,9	1988,5	2383,2
per capita ¹ , UAH	3582	9709	24429	32002	33473	36904	46413	55848
Capital assets (at current prices, end of year), bln. UAH	829	1276	6649	9148	10401	13752	7641	...
Population income, bln. UAH	128,7	381,4	1101,2	1457,9 ¹	1548,7 ¹	1516,8 ¹	1735,9 ¹	2002,4 ¹
Consumer price index (Dec. over Dec. of the previous year), percent	125,8	110,3	109,1	99,8	100,5	124,9	143,3	112,4
Industrial producer price index (Dec. over Dec. of the previous year), percent	120,8	109,5	118,7	100,3	101,7	131,8	125,4	135,7
Price index for agriculture products sold by agricultural enterprises (of the previous year), percent	155,8	108,1	130,0	106,8	97,1	124,3	154,5	109,0
Consolidated budget, bln. UAH								
Revenue	49,1	134,2	314,5	445,5	442,8	456,1	652,0	782,9
Expenditure	48,2	141,7	377,8	492,5	505,8	523,1	679,9	835,8
Lending	-0,1	0,3	1,3	3,9	0,5	5,0	3,1	1,8
Excess of expenditure over revenue (deficit)	-1,0	7,8	64,7	50,8	63,6	72,0	30,9	54,8
Financial outcome before taxation ² , bln. UAH	13,9	64,4	58,3	101,9	29,3	-523,6	-340,1	-22,9
Industrial products sold, bln. UAH	1065,8	1400,7	1354,1	1428,8	1776,6	2128,9
Agricultural production (at constant prices of 2010), bln. UAH	151,0	179,6	194,9	223,3	252,9	251,4	239,4	254,6
Crop cultivation	92,8	114,5	124,6	149,2	175,9	177,7	168,4	185,0
Livestock breeding	58,2	65,1	70,3	74,1	77,0	73,7	71,0	69,6
Capital investment, bln. UAH	...	111,2 ³	189,1	293,7	267,7	219,4	273,1	359,2
Residential buildings put into service, mln.sq.m of total size	5,6	7,8	9,3 ⁴	10,7 ⁴	11,2 ⁴	9,7 ⁴	11,0 ⁴	9,4 ⁴

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.4 continued

	2000	2005	2010	2012	2013	2014	2015	2016
Freight shipped by all type of carriers ⁵ , bln.t	1,5	1,8	1,8	1,9	1,8	1,6	1,5	1,5
Passenger departure (transportation) by transport of general use ⁶ , bln.	7,8	8,2	6,8	6,8	6,6	5,9	5,2	4,9
Turnover of retail trade (at current prices) ⁷ , bln. UAH	47,5	174,4	541,5	812,1	888,8	901,9	1031,7	1175,3
Exports of goods and services ⁸ , bln. USD	18,0	40,2	62,8	81,9	76,5	64,1	46,8	45,1
Imports of goods and services ⁸ , bln. USD	15,1	39,1	66,2	91,4	84,6	60,8	43,0	44,6
Resident population (end of year), mln.	48,7	46,7	45,6	45,4	45,2	42,8	42,6	42,4
Natural increase, decrease (–) in population, thsd.	–373,0	–355,9	–200,5	–142,4	–158,7	–166,4	–183,0	–186,6
Total employed, thsd.	20175,0	20680,0	20266,0	20354,3	20404,1	18073,3	16443,2	16276,9
Unemployed (ILO methodology), thsd.	2655,8	1600,8	1785,6	1657,2	1576,5	1847,6	1654,7	1678,2
Unemployment rate (ILO methodology), percent	11,6	7,2	8,1	7,5	7,2	9,3	9,1	9,3
Average monthly nominal wages ⁹ , UAH	230	806	2239	3026	3265	3480	4195	5183

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

² For 2000 and 2005, financial outcome from usual activity before taxation

³ Including VAT

⁴ See the footnote to Table 19.6

⁵ Since 2005, including commercial cargo transportation by natural persons-entrepreneurs

⁶ Including automobile passenger transportation by small businesses (natural and legal persons)

⁷ Since 2005, including data derived from complete enumeration and administrative data of retail trade belonging to natural persons (businesses)

⁸ Volumes of exports/imports of goods and services have been revised according to the Technique for retrospective re-calculation of value of services for processing in external economic activity (SSSU decree N 419 of December 31, 2014)

⁹ For 2000 and 2005, data on legal persons and separate units of legal persons are presented taking into account the qualification requirement for the number of the employees, since 2010 data on legal persons and separate units of legal persons with the number of employees equaling 10 and more are given

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.5. Indices of basic social and economic indicators

(percent of the previous year)

	2000	2005	2010	2012	2013	2014	2015	2016
Gross domestic product (at the prices of the previous year)	105,9	103,1 ¹	104,1 ¹	100,2 ¹	100,0 ¹	93,4 ¹	90,2 ¹	102,3 ¹
per capita	106,7	103,8 ¹	104,5 ¹	100,4 ¹	100,3 ¹	93,7 ¹	90,6 ¹	102,7 ¹
Population income	104,1	123,9	117,1	113,9 ¹	106,1 ¹	88,5 ¹	77,7 ¹	100,3 ¹
Financial outcome before taxation ²	...	144,4	×	83,4	28,7	×	×	×
Industrial production ³	113,2	103,1	112,0	99,5	95,7	89,9	87,0	102,8
Agricultural production	109,8	100,1	98,5	95,5	113,3	102,2	95,2	106,3
Capital investment ⁴	108,5	88,9	75,9	98,3	118,0
Residential buildings put into service	90,4	103,3	145,9	114,2	104,4	97,9	113,4	84,8
Freight shipped by all type of carriers	99,5	104,3	108,7	98,2	99,1	90,1	90,8	104,6
Passenger departure (transportation) by transport of general use	98,3	102,5	94,1	97,6	97,2	94,7	87,5	93,9
Turnover of retail trade (at comparable prices)	106,6	122,4	109,8	115,0	108,7	91,1	80,2	104,3
Exports of goods and services	×	106,2	128,0	100,3	93,3	85,7	73,0	96,4
Imports of goods and services	×	125,8	130,8	103,0	92,6	72,9	70,7	103,7
Resident population (end of year)	99,1	99,3	99,6	99,8	99,7	99,7	99,6	99,6
Total employed	101,1	101,9	100,4	100,1	100,2	93,6	... ⁵	99,0
Unemployed (ILO methodology)	101,6	84,0	91,2	95,6	95,1	122,3	... ⁵	101,4
Average monthly wages								
Nominal	129,6	136,7	120,0	114,9	107,9	106,0	120,5	123,6
Real	99,1	120,3	110,2	114,4	108,2	93,5	79,8	109,0

¹ See the first footnote to Table 1.4

² In 2000 and 2005, financial outcome from usual activity before taxation

³ See methodology notes to Chapter 17

⁴ See methodology notes to Chapter 20

⁵ Data comparisons are impossible due to changes in survey organisation

2. POPULATION AND MIGRATION

Present population consists of those who are at the time of the census reside at a given location, including persons living temporarily at the location (provided their absence at permanent place of residence is no more than 12 months). **Resident population** consists of those who permanently live at a given location at the time of the census, including those who are temporarily absent, if their absence at permanent place of residence does not exceed 12 months.

Urban and rural population. The urban population is the population who resides in urban type settlements. The rural population is the population who resides in rural type settlements. Urban type settlements are cities and townships whereas the rural ones are villages and communities.

Data on the number of the population as of January 1, 2015/2017 are given excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol. The calculations (estimates) of the number of the population are based on available administrative data on the state registration of birth and death and change in registration of place of residence.

The number of pensioners is the total number of pensioners in Ukraine irrespective of type of the pension they receive.

Information about **live births, deaths and marriages** is compiled basing on births, deaths and marriages vital records, which are completed by the civil status registration bodies.

Information about divorces before 2011 has been compiled basing on vital records about the end of marriage which are filled in by civil status registration bodies.

Since 2011, information about divorces is compiled on the basis of available administrative data on the state registration of annulment of marriages and data from the State Judicial Administration of Ukraine.

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

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

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

Since April 2016, information about the **population migration** is compiled basing on available administrative data received from selected registration bodies (executive bodies of the rural, village or city councils, rural heads (if according to the legislation, the executive body of the rural council is not set up)).

POPULATION AND MIGRATION

2.1. Population¹

	2001	2002 ¹	2006	2011	2012	2013	2014	2015	2016	2017
Present population, mln.	48,9	48,5	46,9	45,8	45,6	45,6	45,4	42,9	42,8	42,6
urban	32,9	32,6	31,9	31,5	31,4	31,4	31,3	29,7	29,6	29,5
rural	16,0	15,9	15,0	14,3	14,2	14,2	14,1	13,2	13,2	13,1
percentage of total population										
urban	67,4	67,2	67,9	68,7	68,8	68,9	69,0	69,1	69,2	69,2
rural	32,6	32,8	32,1	31,3	31,2	31,1	31,0	30,9	30,8	30,8
Resident population, mln.	48,7	48,2	46,7	45,6	45,5	45,4	45,2	42,8	42,6	42,4
males	22,5	22,3	21,6	21,0	21,0	21,0	20,9	19,8	19,7	19,6
females	26,2	25,9	25,1	24,6	24,5	24,4	24,3	23,0	22,9	22,8
percentage of total population										
males	46,3	46,3	46,1	46,1	46,2	46,2	46,2	46,3	46,3	46,3
females	53,7	53,7	53,9	53,9	53,8	53,8	53,8	53,7	53,7	53,7

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

2.2. Present population since 1913¹

	Total, mln.	Including		Share of the total population, percent	
		urban	rural	urban	rural
1913	35,2	6,8	28,4	19,3	80,7
1939	40,5	13,6	26,9	33,6	66,4
1959	41,9	19,2	22,7	45,8	54,2
1961	43,1	20,6	22,5	47,8	52,2
1966	45,5	23,3	22,2	51,2	48,8
1970	47,1	25,7	21,4	54,5	45,5
1976	49,2	29,1	20,1	59,2	40,8
1979	49,8	30,5	19,3	61,3	38,7
1981	50,1	31,3	18,8	62,5	37,5
1986	51,0	33,3	17,7	65,3	34,7
1989	51,7	34,6	17,1	66,9	33,1
1991	51,9	35,1	16,8	67,5	32,5
1996	51,3	34,8	16,5	67,8	32,2
2001	48,9	32,9	16,0	67,4	32,6
2002	48,5	32,6	15,9	67,2	32,8
2006	46,9	31,9	15,0	67,9	32,1
2011	45,8	31,5	14,3	68,7	31,3
2012	45,6	31,4	14,2	68,8	31,2
2013	45,6	31,4	14,2	68,9	31,1
2014	45,4	31,3	14,1	69,0	31,0
2015	42,9	29,7	13,2	69,1	30,9
2016	42,8	29,6	13,2	69,2	30,8
2017	42,6	29,5	13,1	69,2	30,8

¹ The population statistics for 1913 and 1939 are given within the current boundaries of Ukraine's territory, for 1959 and 1970 the population data are derived from the Census as of January 15, for 1979 as of January 17, for 1989 as of January 12, for 2002 as of December 5, 2001 and for other years, as of January 1

POPULATION AND MIGRATION

2.3. Present population, by region

(as of January 1, 2017)

	Total, thsd.	Of which		Share of urban population in total, percent
		urban	rural	
Ukraine	42584,5	29482,3	13102,2	69,23
Autonomous Republic of Crimea
oblasts				
Vinnitsya	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
cities				
Kyiv	2925,8	2925,8	—	100,00
Sevastopol

POPULATION AND MIGRATION

2.4. Resident population, by sex and region

(persons)

	2002 ¹		2017 ¹		Males per 1000 females	
	males	females	males	females	2002 ¹	2017 ¹
Ukraine	22316317	25924585	19644580	22770325	861	863
Autonomous Republic of Crimea	931439	1092617	852	...
oblasts						
Vinnitsya	804747	959197	731813	851459	839	859
Volyn	497646	559568	489751	548475	889	893
Dnipropetrovsk	1638504	1922720	1475582	1751520	852	842
Donetsk	2210403	2615160	1919812	2311360	845	831
Zhytomyr	644360	744933	576641	664610	865	868
Zakarpattia	604150	650464	603475	652469	929	925
Zaporizhzhya	884153	1042657	793942	944757	848	840
Ivano-Frankivsk	663275	742854	651346	725843	893	897
Kyiv	841463	979598	797170	931522	859	856
Kirovohrad	516610	609094	441346	517995	848	852
Luhansk	1167914	1372277	1002189	1188504	851	843
Lviv	1234896	1371060	1192355	1323302	901	901
Mykolayiv	586770	676129	532054	617357	868	862
Odesa	1148820	1306846	1116689	1258767	879	887
Poltava	742204	879003	653518	765472	844	854
Rivne	554413	617032	551459	610244	899	904
Sumy	592005	704758	504825	597512	840	845
Ternopil	527953	610547	493572	562369	865	878
Kharkiv	1328884	1566929	1244706	1440846	848	864
Kherson	546638	626051	488790	565427	873	864
Khmelnyskiy	657285	769364	594888	687216	854	866
Cherkasy	635822	762491	562822	664756	834	847
Chernivtsi	430047	488981	425898	479157	879	889
Chernihiv	560445	675620	465529	559341	830	832
cities						
Kyiv	1193356	1373597	1334408	1550045	869	861
Sevastopol	172115	205038	839	...

¹ For 2002, data of the Census as of December 5, 2001, for 2017, as of January 1

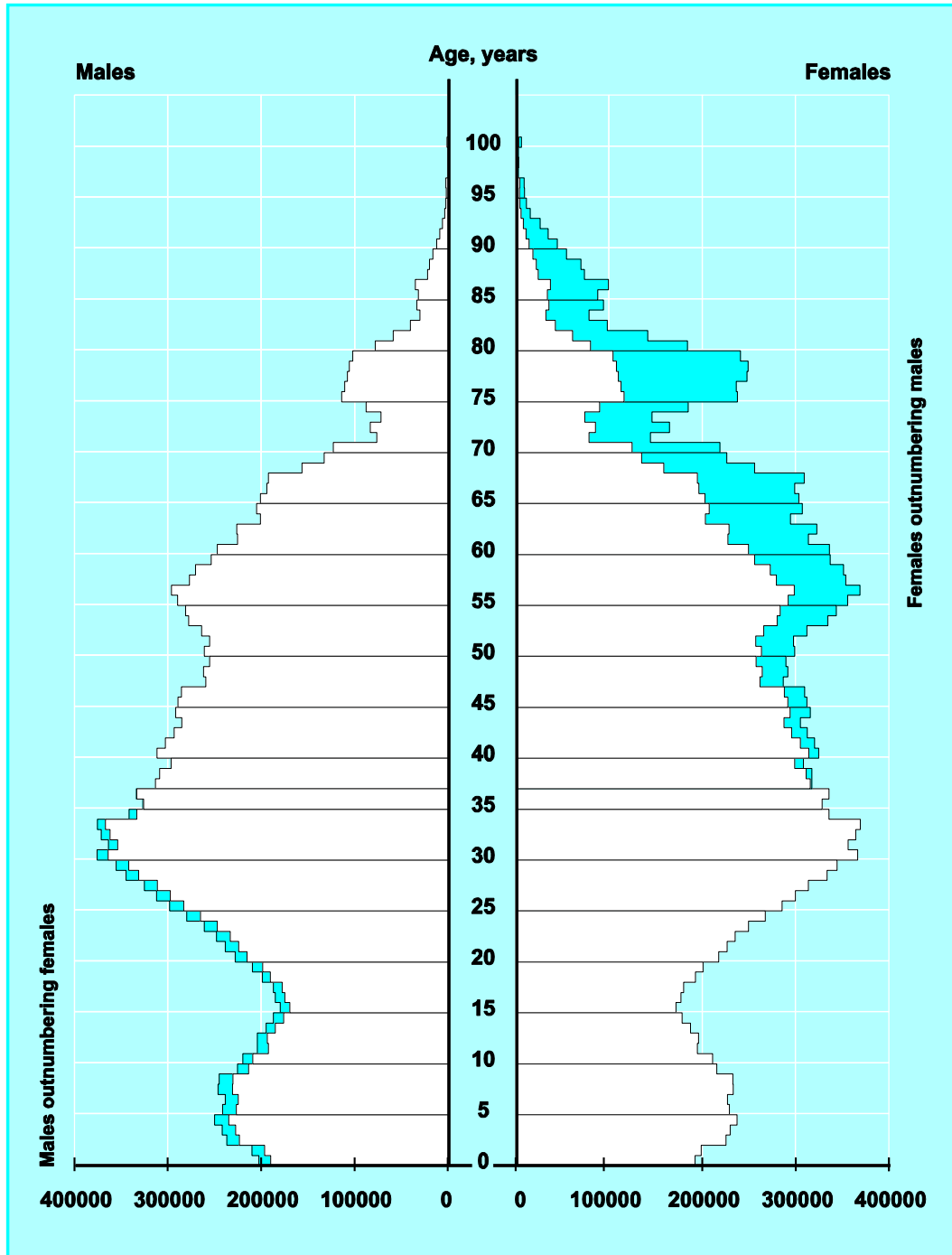
POPULATION AND MIGRATION

2.5. Resident population, by age group

(as of January 1, 2017)

	Total population, persons			Share of total population, percent		
	total	urban	rural	total	urban	rural
Total population	42414905	29243516	13171389	100,0	100,0	100,0
of which by age, years						
under 1	394626	256862	137764	0,9	0,9	1,0
1–4	1829449	1199180	630269	4,3	4,1	4,8
5–9	2334380	1555638	778742	5,5	5,3	5,9
10–14	1977081	1316135	660946	4,7	4,5	5,0
15–19	1881631	1216242	665389	4,4	4,2	5,1
20–24	2451572	1621769	829803	5,8	5,5	6,3
25–29	3212459	2189032	1023427	7,6	7,5	7,8
30–34	3619265	2692769	926496	8,5	9,2	7,0
35–39	3186012	2326837	859175	7,5	7,9	6,5
40–44	3062265	2168205	894060	7,2	7,4	6,8
45–49	2840642	1951549	889093	6,7	6,7	6,8
50–54	2925578	2024977	900601	6,9	6,9	6,8
55–59	3154026	2224269	929757	7,4	7,6	7,1
60–64	2678385	1923723	754662	6,3	6,6	5,7
65–69	2269745	1631346	638399	5,4	5,6	4,8
70 and older	4597789	2944983	1652806	10,9	10,1	12,6
Of total population, years						
0–14	6535536	4327815	2207721	15,4	14,8	16,8
15–64	29011835	20339372	8672463	68,4	69,6	65,8
65 and older	6867534	4576329	2291205	16,2	15,6	17,4

2.6. Resident population, by sex and age

(as of January 1, 2017; persons)

POPULATION AND MIGRATION

2.7. Resident population, by main age group and region

(as of January 1, 2017)

	Total population, persons	Of which			Share of total population, percent		
		0–14 years	15–64 years	65 years and older	0–14 years	15–64 years	65 years and older
Ukraine	42414905	6535536	29011835	6867534	15,4	68,4	16,2
Autonomous Republic of Crimea
oblasts							
Vinnitsya	1583272	246739	1063154	273379	15,6	67,1	17,3
Volyn	1038226	205167	698819	134240	19,8	67,3	12,9
Dnipropetrovsk	3227102	499609	2196230	531263	15,5	68,0	16,5
Donetsk	4231172	532046	2887704	811422	12,6	68,2	19,2
Zhytomyr	1241251	206460	833646	201145	16,6	67,2	16,2
Zakarpattia	1255944	250852	859740	145352	20,0	68,4	11,6
Zaporizhzhya	1738699	253935	1190209	294555	14,6	68,5	16,9
Ivano-Frankivsk	1377189	236968	947418	192803	17,2	68,8	14,0
Kyiv	1728692	286946	1177583	264163	16,6	68,1	15,3
Kirovohrad	959341	145606	643815	169920	15,2	67,1	17,7
Luhansk	2190693	255352	1513737	421604	11,7	69,1	19,2
Lviv	2515657	412680	1737939	365038	16,4	69,1	14,5
Mykolayiv	1149411	178848	789091	181472	15,6	68,6	15,8
Odesa	2375456	398817	1616345	360294	16,8	68,0	15,2
Poltava	1418990	200153	970682	248155	14,1	68,4	17,5
Rivne	1161703	238457	779820	143426	20,5	67,1	12,4
Sumy	1102337	146283	763328	192726	13,3	69,2	17,5
Ternopil	1055941	168691	724200	163050	16,0	68,6	15,4
Kharkiv	2685552	368889	1876265	440398	13,7	69,9	16,4
Kherson	1054217	169305	722848	162064	16,0	68,6	15,4
Khmelnyskiy	1282104	202975	864844	214285	15,8	67,5	16,7
Cherkasy	1227578	172190	830933	224455	14,0	67,7	18,3
Chernivtsi	905055	156526	621920	126609	17,3	68,7	14,0
Chernihiv	1024870	139637	688698	196535	13,6	67,2	19,2
cities							
Kyiv	2884453	462405	2012867	409181	16,0	69,8	14,2
Sevastopol

POPULATION AND MIGRATION

2.8. Pensioners¹

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

	2001	2006	2011	2012	2013	2014	2015	2016	2017
Total pensioners, thsd.	14447	14050	13738	13821	13640	13533	12147	12296	11956
of which									
retired by age	10299	10596	10587	10627	10501	10397	9341	9408	9116
retired due to disability	2015	1605	1491	1523	1514	1534	1394	1400	1395
survivors who lost their benefactor	1150	852	847	843	808	788	656	726	694
entitled to pension for long service	552	627	654	679	681	688	649	660	654
entitled to welfare pensions	431	370	158	146	134	125	106	101	95
judges in resignation which receive the lifelong monetary maintenance	1	1	1	1	1	1	3
Proportion of pensioners per 1000 population	295	301	301	304	301	299	284	289	282

¹ Here and elsewhere (Table 2.9), the number of pensioners apart from categories *those by age, those who obtain social pension and lifetime cash allowance* for the retired judges include the pensioners to whom the pensions are assigned and paid by the Ukraine's Pension Fund bodies according to Ukraine's law *On pension fund scheme for persons who quit the military and some other persons*

As of January 1, 2017, there were 3633.8 thsd. pensioners who lived in rural areas, which amounted to 30,4% of those registered at the Pension Fund of Ukraine bodies.

2.9. Pensioners, by region

(source: by Pension Fund of Ukraine; as of January 1, 2017)

	Total	Including					
		old age pensions	disability pensions	survivors' pensions	long service pensions	welfare pensions	judges in resignation which receive the lifelong monetary maintenance
Ukraine	11956198	9115603	1395040	693817	654196	94867	2675
Autonomous Republic of Crimea
oblasts							
Vinnitsya	486395	364057	64837	26242	27358	3804	97
Volyn	274965	194756	43642	19997	14325	2192	53
Dnipropetrovsk	1004401	805731	77975	64644	48943	6896	212
Donetsk	885558	693245	82178	68253	36261	5443	178
Zhytomyr	393772	278501	60687	26838	24572	3099	75
Zakarpattia	283330	210016	37672	15557	15055	5000	30
Zaporizhzhya	594598	473624	54831	33799	27500	4675	169
Ivano-Frankivsk	362594	269948	55457	17857	14485	4785	62
Kyiv	565258	436390	68755	27440	28279	4315	79
Kirovohrad	293516	225278	30515	17858	16898	2892	75
Luhansk	370818	296950	27932	26609	17466	1786	75
Lviv	700451	510516	108537	43410	33222	4680	86
Mykolayiv	330266	251771	34272	20376	21428	2337	82
Odesa	631070	462861	83518	34682	44356	5510	143
Poltava	454045	344123	53451	25861	27402	3093	115
Rivne	304245	231111	39714	16866	13783	2725	46
Sumy	352352	276638	31755	19391	21879	2600	89
Ternopil	295412	230394	36115	14109	12401	2359	34
Kharkiv	880035	685357	90518	45692	51603	6671	194
Kherson	301369	239486	26959	15776	16576	2501	71
Khmelnyskiy	411122	284721	73320	25507	24041	3454	79
Cherkasy	414942	307378	64767	19620	19281	3795	101
Chernivtsi	229976	175340	30101	10607	11454	2425	49
Chernihiv	351271	262191	43819	21234	21463	2471	93
cities							
Kyiv	784437	605220	73713	35592	64165	5359	388
Sevastopol

POPULATION AND MIGRATION

2.10. Live births, deaths and natural population increase (decrease)

(thsd.)

	2000	2005	2010	2011	2012	2013	2014 ¹	2015 ¹	2016 ¹
Live births									
total	385,1	426,1	497,7	502,6	520,7	503,7	465,9	411,8	397,0
in urban areas	238,0	284,3	326,6	328,9	341,6	330,3	304,2	266,1	258,7
in rural areas	147,1	141,8	171,1	173,7	179,1	173,4	161,7	145,7	138,3
Deaths									
total	758,1	782,0	698,2	664,6	663,1	662,4	632,3	594,8	583,6
in urban areas	457,1	471,6	431,1	411,0	411,8	412,6	391,7	358,8	354,6
in rural areas	301,0	310,4	267,1	253,6	251,3	249,8	240,6	236,0	229,0
Natural increase (decrease) in population									
total	-373,0	-355,9	-200,5	-162,0	-142,4	-158,7	-166,4	-183,0	-186,6
in urban areas	-219,1	-187,3	-104,5	-82,1	-70,2	-82,3	-87,5	-92,7	-95,9
in rural areas	-153,9	-168,6	-96,0	-79,9	-72,2	-76,4	-78,9	-90,3	-90,7

¹ Excluding part of the zone where anti-terrorist operation

2.11. Live births by sex

(persons)

	Total			Urban areas			Rural areas		
	both sexes	boys	girls	both sexes	boys	girls	both sexes	boys	girls
2000	385126	199411	185715	238014	123305	114709	147112	76106	71006
2005	426086	219616	206470	284257	146547	137710	141829	73069	68760
2010	497689	256835	240854	326587	168773	157814	171102	88062	83040
2011	502595	259433	243162	328934	169832	159102	173661	89601	84060
2012	520705	268748	251957	341599	176744	164855	179106	92004	87102
2013	503657	259738	243919	330284	170670	159614	173373	89068	84305
2014 ¹	465882	240043	225839	304190	156900	147290	161692	83143	78549
2015 ¹	411781	212846	198935	266082	137342	128740	145699	75504	70195
2016 ¹	397037	205194	191843	258688	133640	125048	138349	71554	66795

¹ See the footnote to Table 2.10

POPULATION AND MIGRATION

2.12. Natural population movement by region in 2016

(units)

	Number of registered live births	Number of registered deaths	Natural increase, decrease (–)	Number of registered marriages	Number of divorces
Ukraine¹	397037	583631	–186594	229453	129997
Autonomous Republic of Crimea
oblasts					
Vinnitsya	15316	24617	–9301	8623	5372
Volyn	13033	13492	–459	5965	2753
Dnipropetrovsk	31000	53127	–22127	18201	12567
Donetsk ¹	19321	36808	–17487	10559	7813
Zhytomyr	12982	20108	–7126	6943	3863
Zakarpattia	16000	15399	601	7435	2863
Zaporizhzhya	15664	28129	–12465	9759	6504
Ivano-Frankivsk	14660	17221	–2561	8026	4086
Kyiv	19027	28193	–9166	11405	6851
Kirovohrad	8859	16277	–7418	4774	3337
Luhansk ¹	6485	14097	–7612	3781	3166
Lviv	27134	32263	–5129	15521	6123
Mykolayiv	10781	17421	–6640	6653	4401
Odesa	26417	33570	–7153	15386	8160
Poltava	12476	24437	–11961	7705	4783
Rivne	15688	14483	1205	6709	2837
Sumy	8822	18701	–9879	5429	3408
Ternopil	9974	14954	–4980	5975	3028
Kharkiv	24004	42229	–18225	16312	9367
Kherson	10769	16442	–5673	5961	3481
Khmelnyskiy	12742	19982	–7240	7184	4516
Cherkasy	10582	20267	–9685	6268	4151
Chernivtsi	10226	11513	–1287	5535	3095
Chernihiv	8506	19235	–10729	5115	3306
cities					
Kyiv	36569	30666	5903	24229	10166
Sevastopol

¹ See the footnote to Table 2.10

POPULATION AND MIGRATION

2.13. Live births, by mother's age

(persons)

	2000	2005	2010	2011	2012	2013	2014 ¹	2015 ¹	2016 ¹
Total live births	385126	426086	497689	502595	520705	503657	465882	411781	397037
including by mother's age, years									
younger than 20	59628	50523	38680	35700	34422	30901	27795	24719	21932
20–24	163794	163792	159425	152369	150823	138956	122988	109320	99830
25–29	98000	122045	161755	166675	177101	171923	158288	138509	132510
30–34	42762	63015	93082	98457	105141	107140	103477	91313	93748
35–39	16255	21215	36982	40918	43986	45269	43718	38889	39563
40–44	3690	4260	6601	7294	8010	8335	8425	7891	8210
45 and older	157	200	363	390	455	445	530	506	622
age unknown	840	1036	801	792	767	688	661	634	622

¹ See the footnote to Table 2.10

2.14. Share of children born by females not legally married

(percent of total live births)

	2000	2005	2010	2011	2012	2013	2014 ¹	2015 ¹	2016 ¹
Total	17,3	21,4	21,9	21,9	21,4	22,1	21,1	20,6	20,1
in urban areas	17,7	21,2	21,1	21,1	20,6	21,1	20,0	19,5	19,1
in rural areas	16,6	21,8	23,4	23,3	23,1	23,9	23,1	22,6	22,0

¹ See the footnote to Table 2.10

POPULATION AND MIGRATION

2.15. Live births, by mother's marriage status and order of birth

(persons)

	2005		2010		2016 ¹	
	total	of which by mothers who were not registered as married	total	of which by mothers who were not registered as married	total	of which by mothers who were not registered as married
Total						
Total live births	426086	91097	497689	108785	397037	79982
of which						
first child birth	251565	57557	252882	56565	191457	37282
second child birth	131147	22170	175630	32188	139511	24052
third child birth	27966	7027	46254	12278	40698	9787
fourth child birth	8050	2449	12842	4467	11786	4077
fifth and subsequent	7144	1760	9992	3218	10438	3662
order unknown	214	134	89	69	3147	1122
In urban areas						
Total live births	284257	60232	326587	68794	258688	49515
of which						
first child birth	180375	40158	177188	38464	129953	24534
second child birth	84579	14540	116828	20665	94075	15434
third child birth	13615	3713	23731	6402	22662	5230
fourth child birth	3163	1069	5333	1954	5213	1791
fifth and subsequent	2359	645	3427	1245	3852	1502
order unknown	166	107	80	64	2933	1024
In rural areas						
Total live births	141829	30865	171102	39991	138349	30467
of which						
first child birth	71190	17399	75694	18101	61504	12748
second child birth	46568	7630	58802	11523	45436	8618
third child birth	14351	3314	22523	5876	18036	4557
fourth child birth	4887	1380	7509	2513	6573	2286
fifth and subsequent	4785	1115	6565	1973	6586	2160
order unknown	48	27	9	5	214	98

¹ See the footnote to Table 2.10

POPULATION AND MIGRATION

2.16. Crude birth rates

(one woman)

	Total	Urban areas	Rural areas
1995	1,398	1,214	1,875
1996	1,335	1,159	1,786
1997	1,272	1,104	1,703
1998	1,211	1,045	1,635
1999	1,127	0,971	1,532
2000	1,116	0,965	1,510
2001	1,078	0,950	1,411
2002	1,095	0,969	1,432
2003	1,172	1,067	1,449
2004	1,218	1,127	1,463
2005	1,213	1,120	1,460
2006	1,310	1,207	1,585
2007	1,345	1,236	1,630
2008	1,458	1,346	1,748
2009	1,473	1,348	1,784
2010	1,443	1,308	1,770
2011	1,459	1,317	1,801
2012	1,531	1,387	1,868
2013	1,506	1,365	1,825
2014 ¹	1,498	1,351	1,827
2015 ²	1,506	1,388	1,710
2016 ²	1,466	1,361	1,642

¹ The calculation is made excluding administrative data on births in a part of the zone where anti-terrorist operation is conducted

² The calculation is made excluding data on the Donetsk and Luhansk regions

POPULATION AND MIGRATION

2.17. Death rates, by major causes of death

(persons)

	2005	2010	2011	2012	2013	2014 ¹	2015 ¹	2016 ¹
Total deaths	781961	698235	664588	663139	662368	632296	594796	583631
of which due to								
some infectious and parasitic diseases	17245	14642	14050	13922	12921	10974	9900	9326
tumours	91849	88767	88957	92896	92337	83894	79530	78959
diseases of blood circulation	488769	465093	440346	436445	440369	425607	404551	392298
respiratory diseases	27998	19480	17871	17109	16540	14810	13951	13840
digestive apparatus diseases	31692	26817	25230	27719	27953	25225	22818	22013
external causes of deaths and diseases	69954	43955	42380	41713	40298	40135	34569	31746

¹ See the footnote to Table 2.10

2.18. Death rates, by age group

(persons)

	2000	2005	2010	2011	2012	2013	2014 ¹	2015 ¹	2016 ¹
Total deaths	758082	781961	698235	664588	663139	662368	632296	594796	583631
of which those aged									
0–4	6163	5438	5491	5375	5234	4748	4431	3980	3610
5–9	1053	819	490	492	512	416	451	419	377
10–14	1395	880	589	548	490	465	446	454	392
15–19	3463	2808	1745	1560	1405	1368	1359	1154	1022
20–24	6224	5606	4160	3710	3622	3123	3077	2437	2096
25–29	8284	9236	7072	6373	6450	6247	6334	4867	4384
30–34	10712	13174	10478	9755	9793	9582	9510	7875	7490
35–39	16819	17104	13159	12761	12695	12964	12525	11001	10663
40–44	24842	26610	16230	15233	15454	15480	15098	14108	13911
45–49	32734	37169	24142	22010	21312	20710	19036	17448	17265
50–54	36964	46481	34327	33306	33210	33012	29714	26564	25114
55–59	41876	50494	44113	42080	42635	42540	40342	37541	37292
60–64	83930	56082	51048	53529	55187	57517	52238	49010	48188
65–69	73981	103054	56758	47325	46190	47776	50416	53626	57452
70 and older	407078	406821	428405	410456	408873	406367	387184	364231	354277
order unknown	2564	185	28	75	77	53	135	81	98

¹ See the footnote to Table 2.10

POPULATION AND MIGRATION

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

(deaths of infants under 1 year old per 1000 live births)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	11,9	10,0	9,1	9,0	8,4	8,0	7,8¹	7,9¹	7,4¹
Autonomous Republic of Crimea	11,4	9,0	8,8	9,1	8,8	6,9
oblasts									
Vinnitsya	9,9	9,1	8,4	10,4	9,1	8,0	6,5	7,2	6,6
Volyn	11,5	8,3	8,2	7,9	7,0	6,2	6,0	6,3	7,0
Dnipropetrovsk	12,7	10,2	9,7	9,5	10,0	7,6	7,7	8,5	8,0
Donetsk	13,9	11,5	12,0	11,4	12,6	11,3	10,0 ¹	8,7 ¹	8,8 ¹
Zhytomyr	10,4	9,5	9,1	8,9	8,0	7,7	7,4	7,3	7,9
Zakarpattia	9,4	11,5	10,9	10,6	8,9	9,4	9,0	10,5	10,4
Zaporizhzhya	14,8	11,1	10,1	9,3	8,2	8,2	6,6	7,8	6,6
Ivano-Frankivsk	13,7	12,9	10,3	8,8	6,4	7,9	6,3	6,8	6,7
Kyiv	9,0	7,5	7,0	7,1	5,7	5,9	5,2	5,4	5,1
Kirovohrad	11,7	11,1	10,6	13,1	9,4	11,2	9,1	9,3	9,4
Luhansk	13,2	11,7	9,4	8,8	7,6	7,3	9,6 ¹	9,8 ¹	9,0 ¹
Lviv	12,2	8,3	9,2	9,4	7,8	8,3	8,5	8,2	6,7
Mykolayiv	12,3	8,1	8,1	7,5	7,2	7,8	7,3	6,2	8,1
Odesa	13,7	10,7	9,2	9,2	8,8	8,3	7,0	8,2	7,9
Poltava	7,9	8,6	6,1	6,1	5,8	5,5	7,5	5,8	5,9
Rivne	13,7	10,4	9,2	8,9	8,1	7,9	8,0	8,5	8,3
Sumy	13,1	11,4	9,3	7,5	6,9	6,4	6,7	7,7	6,5
Ternopil	12,3	8,9	8,2	8,0	8,0	6,8	7,6	7,5	5,2
Kharkiv	11,3	10,2	9,2	8,9	7,5	7,3	9,7	9,8	7,4
Kherson	10,8	11,3	9,4	9,9	8,0	9,4	8,4	8,4	9,9
Khmelnyskiy	12,0	8,8	7,5	6,1	9,0	7,1	8,3	8,3	6,6
Cherkasy	10,7	10,2	10,0	8,1	9,6	7,3	8,9	7,5	8,4
Chernivtsi	10,7	12,6	8,2	8,5	8,0	7,7	7,5	8,6	8,9
Chernihiv	13,2	11,7	8,1	7,9	9,2	7,7	8,3	8,3	9,2
cities									
Kyiv	10,2	7,5	7,3	8,0	7,8	8,2	7,0	7,5	5,5
Sevastopol	10,9	7,4	8,6	9,2	5,1	5,4

¹ See the footnote to Table 2.10

POPULATION AND MIGRATION

2.20. Life expectancy at birth by sex

(years)

	Both sexes	Males	Females
1958–1959	69,8	66,1	72,6
1961–1962	70,9	67,3	73,6
1965–1966	71,6	67,7	74,5
1969–1970	70,8	66,5	74,3
1979–1980	69,7	64,6	74,0
1985–1986	70,5	65,9	74,5
1990	70,4	65,6	74,8
2001	67,9	62,3	73,6
2001–2002	68,3	62,7	74,1
2005–2006	68,1	62,4	74,1
2009–2010	70,4	65,3	75,5
2011	71,0	66,0	75,9
2012	71,2	66,1	76,0
2013	71,4	66,3	76,2
2014 ¹	71,4	66,3	76,4
2015 ²	71,4	66,4	76,3
2016 ²	71,7	66,7	76,5

¹ The calculation is made excluding administrative data on deaths in a part of the zone where anti-terrorist operation is conducted

² See the second footnote to Table 2.16

2.21. Life expectancy by sex and age group in 2016¹

(years)

	Both sexes	Males	Females
0	71,7	66,7	76,5
1	71,2	66,3	76,0
5	67,3	62,4	72,1
10	62,4	57,4	67,1
15	57,4	52,5	62,2
20	52,6	47,7	57,3
25	47,8	43,0	52,4
30	43,1	38,4	47,6
35	38,6	34,0	42,8
40	34,2	29,9	38,2
45	30,0	25,9	33,6
50	26,0	22,1	29,2
55	22,0	18,6	24,8
60	18,3	15,3	20,6
65	15,0	12,5	16,6
70	11,9	10,0	13,0
75	9,1	7,9	9,7
80	6,7	6,1	7,0
85	4,9	4,8	5,0

¹ See the second footnote to Table 2.16

POPULATION AND MIGRATION

2.22. Marriages and divorces

(thsd.)

	2000	2005	2010	2011	2012	2013	2014 ¹	2015 ¹	2016 ¹
Total registered marriages	274,5	332,1	305,9	355,9	278,3	304,2	295,0	299,0	229,5
Total registered divorces	197,3	183,5	126,1 ²	182,5	168,5	164,9	130,7	129,4	130,0

¹ See the footnote to Table 2.10

² According to data from bodies of the state registration of acts of civil status not including the annulment of marriages fulfilled through the courts

2.23. Distribution of registered marriages by pre-marriage status of couple

	2000	2005	2010	2011	2012	2013	2014 ¹	2015 ¹	2016 ¹
Males									
Total	274523	332143	305933	355880	278276	304232	294962	299038	229453
of which									
never married before	201178	247888	231972	271064	209523	227254	218997	224509	170044
widowers	7859	7754	5046	5175	4147	4324	3860	3623	3149
divorced	65486	76501	68915	79641	64606	72654	72105	70906	56260
Females									
Total	274523	332143	305933	355880	278276	304232	294962	299038	229453
of which									
never married before	204277	251476	234320	273533	210373	227921	218567	222901	167609
widows	10197	10824	7486	7927	6371	6786	6633	6516	5309
divorced	60049	69843	64127	74420	61532	69525	69762	69621	56535

¹ See the footnote to Table 2.10

POPULATION AND MIGRATION

2.24. Population migration in 2016, by region

(persons)

	All flows of migration			Including inter-state migration		
	total immigrants	total emigrants	migration increase (decrease)	total immigrants	total emigrants	migration increase (decrease)
Ukraine¹	256808	246188	10620	14311	6465	7846
Autonomous Republic of Crimea
oblasts						
Vinnitsya	5608	8113	-2505	146	97	49
Volyn	4523	5778	-1255	113	85	28
Dnipropetrovsk	11437	13783	-2346	649	470	179
Donetsk ¹	5775	9376	-3601	151	96	55
Zhytomyr	12813	12754	59	421	304	117
Zakarpattia	3311	4293	-982	100	489	-389
Zaporizhzhya	3893	5582	-1689	235	162	73
Ivano-Frankivsk	9191	9067	124	211	115	96
Kyiv	25078	13676	11402	816	288	528
Kirovohrad	8398	8374	24	283	199	84
Luhansk ¹	1470	3957	-2487	96	42	54
Lviv	31031	26049	4982	944	712	232
Mykolayiv	6067	7508	-1441	183	134	49
Odesa	17896	14516	3380	1324	945	379
Poltava	12591	12750	-159	482	140	342
Rivne	7629	7882	-253	154	117	37
Sumy	15099	13947	1152	463	201	262
Ternopil	3393	4930	-1537	173	80	93
Kharkiv	17915	17118	797	3169	543	2626
Kherson	3061	4095	-1034	64	59	5
Khmelnyskiy	5717	7623	-1906	101	70	31
Cherkasy	5072	7145	-2073	201	123	78
Chernivtsi	2777	3263	-486	155	125	30
Chernihiv	7092	7926	-834	296	94	202
cities						
Kyiv	29971	16683	13288	3381	775	2606
Sevastopol

¹ See the footnote to Table 2.10

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

3. LABOUR MARKET

Information in the section for 2014 excludes the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol, for 2015/2016, it also excludes a part of the zone where anti-terrorist operation is conducted.

Since 1995, in accordance with International Labour Organisation (ILO) recommendations, saw the implementation of sample survey of the population (households) on issues pertaining to economic activity (hereinafter sample survey of the population) into statistical practice. This survey is undertaken in the places where the population resides and covers persons aged 15–70 for whom the estimates of indicators of economic activity, employment and unemployment are produced.

Tables 3.1–3.15 give information based on data from sample survey of the population.

Economically active population, in line with labour force concept, comprises all people of both sexes aged 15–70 who during a certain period furnish labour for the production of goods and services. Economically active population includes persons engaged in economic activity defined as bringing gains and the unemployed.

Employed (according to sample survey data) are persons aged 15–70 who:

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

persons who were temporally absent from work, i.e. were formally attached however, they did not work during the reference period for the reasons beyond their control.

In Table 3.4 the distribution of employees of enterprises, departments and organisations by type of economic activity before 2011 inclusive is made basing on *the Classification of Types of Economic Activity* (State Classifier 009:2005) and since 2012, is made according to *the Classification of Types of Economic Activity* (State Classifier 009:2010). The distribution of the total employed by type of economic activity (Table 3.5) is made through a complex estimate based on integration of data from sample survey of households, the state statistical observations over enterprises and administrative reporting.

The number of employees at enterprises, departments, organisations (Tables 3.7, 3.8) covers the employed who concluded a labour agreement (contract, civil and legal treaty) at their work. This agreement could be either permanent or temporary. This category includes employees of entities, budget-funded and financial establishments and non-government organisations as well as professional military personnel in career service (apart from military service for a regular term), persons from private corps and key personnel of law-enforcement bodies.

The employed are recorded by place of their work, i.e. the place where the enterprise or its structural branch is located and classified by relevant type of economic activity.

Economic activity rate of the population is defined as a ratio (percent) of the economically active population aged 15–70 to the total population of the specific age or population by the relevant social and demographic characteristics.

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

Following **ILO methodology**, the **unemployed** are defined as persons aged 15–70 (registered as well as unregistered at a

State Employment Office) who meet the following three requirements: were without work (gainful employment); during the last four weeks were actively seeking a job or were trying to establish their own business; during the recent two weeks were available to work, i.e. to be employed or to work at their own enterprise in order to get wages or income. The category of the unemployed includes persons who will start working during the next two weeks; have found a job or await a reply.

Unemployment rate of the population (ILO methodology) is a ratio (percent) of the unemployed aged 15–70 to the economically active population (labour force) of the specific age or the relevant social and demographic characteristics.

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

Tables 3.16–3.19 present the information of the *State Employment Office*.

Registered unemployed under current law are person of working age who are registered with the local offices of central executive body that implements the state policy in the field of employment and labour migration as unemployed and are willing and able to get to work.

Unemployed recognize disabled people who have not reached retirement age and receive a disability pension or social assistance under the law, and persons under 16 years of age who were working and were released due to changes in the organisation of production and labour.

Registered unemployment rate is defined as a ratio (percent) of the unemployed registered at the *State Employment Service* to the average annual population of working age.

The **burden of the registered unemployed per one work place (vacant positions)** is defined as a ratio of the number of registered unemployed to the number of vacant work places, vacant positions claimed by employers to the *State Employment Office*.

Economically inactive population (beyond labour force) are persons who cannot be classified as *employed* or *unemployed*.

This category includes pupils and students of the full time education; pensioners; persons who are engaged in household work; persons of working age who are discouraged to find a job; persons who think that there is no proper job for them and do not know where and how it can be found; other persons who did not need a job and those whose activity does not apply to the economy (performance of no-charge or voluntary work, etc).

The indicators from Tables 3.20–3.33 are defined on the basis of data from the state statistical observations that cover legal persons and separate units of legal persons (hereinafter enterprises) that make use of wage labour. Since 2010, to produce the population of units for these observations, the following methodological principles are applied: large and medium-sized enterprises with the average number of employees (including temporary ones) of 50 and more are subject to complete enumeration while enterprises with the number of employees from 10 to 49 persons are covered by sample method (sample).

In Tables 3.20, 3.22, 3.30, 3.32 data for 2010/2012 have been recalculated according to the *Classification of Types of Economic Activity* (State Classifier 009:2010) that took effect on January 1, 2012.

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

over the month by summing up the number of registered employees for each

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

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

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

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

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

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

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

Nominal wages relate to remuneration in cash and in kind paid to employees for time worked or work done. It also includes base

wage rates (official salary), bonuses, additional payments, allowances and other kinds of payments for time not worked. Nominal wages include compulsory deductions from wages of employees: income tax from natural persons, and military tax.

Nominal wages do not include the following:

cash security for professional servicemen, and soldiers and officer personnel; payments from social insurance funds for temporary disability;

payment for the first five days of temporary disability of employer funds;

sum of employer contribution to the compulsory state social insurance.

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

In Tables 3.27, average monthly wages for 1940–1994. Prior to 1991 inclusive, the compilation of statistical indicator of size of average monthly wages was separately made for workers, employees and those engaged at collective agricultural enterprises (CAEs). Since 1992, on the basis of the national legislative acts, the common methodology for statistical recording of the basic indicators has been developed. The indicators characterize the social and labour relationships and the results stemming from the labour activity both of employees and workers, and employees from CAEs.

Nominal wages index reflects the nominal wages change in the reporting period compared with the base one. The calculated data presented in the table 3.28 are computed on the basis of comparative totals by using a chain index.

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

LABOUR MARKET

3.1. Population, by economic activity

(aged 15–70; thsd.)

	2000	2005	2010	2012	2013	2014	2015	2016
Economically active population	22830,8	22280,8	22051,6	22011,5	21980,6	19920,9	18097,9	17955,1
working age	21150,7	20481,7	20220,7	20393,5	20478,2	19035,2	17396,0	17303,6
older than working age	1680,1	1799,1	1830,9	1618,0	1502,4	885,7	701,9	651,5
Employed	20175,0	20680,0	20266,0	20354,3	20404,1	18073,3	16443,2	16276,9
working age	18520,7	18886,5	18436,5	18736,9	18901,8	17188,1	15742,0	15626,1
older than working age	1654,3	1793,5	1829,5	1617,4	1502,3	885,2	701,2	650,8
Unemployed	2655,8	1600,8	1785,6	1657,2	1576,5	1847,6	1654,7	1678,2
working age	2630,0	1595,2	1784,2	1656,6	1576,4	1847,1	1654,0	1677,5
older than working age	25,8	5,6	1,4	0,6	0,1	0,5	0,7	0,7
Economically inactive population	13318,4	13559,7	12575,5	12055,3	11861,7	12023,0	10925,5	10934,1
working age	7562,4	8410,3	7878,0	7540,7	7552,2	7617,7	6920,6	7039,3
older than working age	5756,0	5149,4	4697,5	4514,6	4309,5	4405,3	4004,9	3894,8

3.2. Population in 2016, by economic activity, sex and place of residence

(aged 15–70; thsd.)

	Total	Of which			
		females	males	urban population	rural population
Economically active population	17955,1	8479,4	9475,7	12306,4	5648,7
working age	17303,6	8142,9	9160,7	11898,8	5404,8
older than working age	651,5	336,5	315,0	407,6	243,9
Employed	16276,9	7827,4	8449,5	11178,5	5098,4
working age	15626,1	7490,9	8135,2	10771,5	4854,6
older than working age	650,8	336,5	314,3	407,0	243,8
Unemployed	1678,2	652,0	1026,2	1127,9	550,3
working age	1677,5	652,0	1025,5	1127,3	550,2
older than working age	0,7	—	0,7	0,6	0,1
Economically inactive population	10934,1	6692,7	4241,4	7300,4	3633,7
working age	7039,3	4303,6	2735,7	4558,7	2480,6
older than working age	3894,8	2389,1	1505,7	2741,7	1153,1

LABOUR MARKET

3.3. Economically active population, by region

(aged 15–70)

	2000		2005		2010		2016	
	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70
Ukraine	22830,8	63,2	22280,8	62,2	22051,6	63,7	17955,1	62,2
Autonomous Republic of Crimea	989,8	61,2	958,7	62,2	964,7	64,5
oblasts								
Vinnitsya	919,1	72,1	775,4	61,8	771,2	63,9	729,8	62,8
Volyn	540,0	72,0	471,8	63,1	474,1	63,6	431,8	57,7
Dnipropetrovsk	1735,8	63,7	1665,7	61,8	1659,6	64,9	1547,1	64,1
Donetsk	2383,5	63,8	2265,1	62,6	2166,6	63,7	871,3	58,3
Zhytomyr	624,8	61,9	632,5	64,2	621,1	65,9	571,3	63,0
Zakarpattia	569,6	62,9	592,3	64,5	582,2	63,1	561,8	60,9
Zaporizhzhya	924,4	62,7	908,3	62,4	892,6	64,3	816,3	62,2
Ivano-Frankivsk	653,3	64,6	572,8	56,5	577,8	57,0	610,4	60,0
Kyiv	847,2	62,8	846,9	62,8	817,6	63,2	789,8	62,0
Kirovohrad	511,1	61,5	501,5	61,9	473,5	62,4	428,8	60,4
Luhansk	1135,3	57,5	1143,2	60,1	1094,1	61,6	355,5	66,2
Lviv	1249,5	65,2	1167,0	61,2	1190,0	62,9	1134,9	60,6
Mykolayiv	586,4	61,8	595,0	63,2	586,1	64,5	551,4	63,6
Odesa	1151,3	62,1	1086,4	58,7	1112,5	61,3	1073,1	60,8
Poltava	748,2	62,5	744,5	62,9	714,0	63,4	653,0	61,0
Rivne	491,7	59,2	511,1	61,2	532,0	64,0	530,5	63,6
Sumy	603,5	62,6	591,2	63,0	556,2	62,7	527,3	62,6
Ternopil	475,1	58,1	467,4	57,9	482,1	60,6	460,4	58,7
Kharkiv	1463,5	65,9	1388,8	62,5	1365,2	63,9	1321,2	63,8
Kherson	556,4	62,8	548,9	63,1	534,9	64,4	496,9	62,8
Khmelnyskiy	652,7	63,0	641,9	63,4	635,5	64,7	563,1	59,5
Cherkasy	605,9	59,3	641,6	63,2	627,3	64,9	577,3	62,7
Chernivtsi	354,0	53,6	401,2	60,4	418,0	62,7	411,8	61,5
Chernihiv	586,9	64,8	562,3	64,9	536,2	66,2	478,7	62,6
cities								
Kyiv	1333,3	66,2	1412,6	66,2	1473,7	67,5	1461,6	66,7
Sevastopol	138,5	64,1	186,7	62,7	192,8	66,0

LABOUR MARKET

3.4. Employment

	Total employed, thsd.	Employees of enterprises, organisations and establishments, thsd.	Of which			
			industry		agriculture, forestry and fishing	
			thsd.	percent of the total employed	thsd.	percent of the total employed
2000	20175,0	16044,0	4474,2	22,2	2785,7	13,8
2005	20680,0	14005,3	3878,0	18,8	1437,3	7,0
2010	20266,0	12564,2	3031,1	15,0	805,9	4,0
2011	20324,2	12093,8	2960,5	14,6	728,8	3,6
2012	20354,3	12181,3	2950,2	14,5	741,8	3,6
2013	20404,1	11700,5	2824,6	13,8	661,4	3,2
2014	18073,3	10565,2	2501,4	13,8	607,5	3,4
2015	16443,2	9501,1	2171,6	13,2	568,5	3,5
2016	16276,9	9330,2	2097,0	12,9	562,3	3,5

3.5. Number of employment, by type of economic activity

(thsd.)

	2012	2013	2014	2015	2016
Total	20354,3	20404,1	18073,3	16443,2	16276,9
Agriculture, forestry and fishing	3496,0	3577,5	3091,4	2870,6	2866,5
Industry	3345,6	3274,8	2898,2	2573,9	2494,8
including					
Mining and quarrying	439,9	429,2	359,8	261,4	239,1
Manufacturing	2321,6	2275,5	2022,2	1839,3	1791,7
Construction	884,9	888,8	746,4	642,1	644,5
Wholesale and retail trade; repair of motor vehicles and motorcycles	4441,7	4556,2	3965,7	3510,7	3516,2
Transportation and storage, postal and courier activities	1208,7	1221,2	1113,4	998,0	997,2
Accommodation and food service activities	355,9	357,8	309,1	277,3	276,7
Information and communication	310,2	312,2	284,8	272,9	275,2
Financial and insurance activities	327,9	318,1	286,8	243,6	225,6
Real estate activities	340,9	332,3	286,1	268,3	255,5
Professional, scientific and technical activities	539,4	527,4	456,0	422,9	428,1
Administrative and support service activities	368,0	367,6	334,3	298,6	304,3
Public administration and defence, compulsory social security	1066,1 ¹	1025,3	959,5 ¹	974,5 ¹	973,1
Education	1713,0	1690,9	1587,7	1496,5	1441,4
Human health and social work activities	1268,9	1256,7	1150,5	1040,7	1030,4
Arts, entertainment and recreation	239,7	240,7	221,2	207,9	201,6
Other type of economic activity	447,4	456,6	382,2	344,7	345,8

¹ Including the number of temporary employees involved in the preparations and conduct of the elections: in 2012, to the Verkhovna Rada of Ukraine; in 2014, of the President of Ukraine and to the Verkhovna Rada of Ukraine; in 2015, deputies of local councils and rural, village and city mayors

LABOUR MARKET

3.6. Employment, by region

(aged 15–70)

	2000		2005		2010		2016	
	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70	thsd.	percentage of population aged 15–70
Ukraine	20175,0	55,8	20680,0	57,7	20266,0	58,5	16276,9	56,3
Autonomous Republic of Crimea	909,9	56,2	906,1	58,7	904,5	60,5
oblasts								
Vinnitsya	839,4	65,9	723,0	57,6	694,3	57,5	658,8	56,6
Volyn	486,2	64,8	429,9	57,5	433,6	58,2	382,1	51,0
Dnipropetrovsk	1534,3	56,3	1573,8	58,4	1541,9	60,3	1425,4	59,1
Donetsk	2153,2	57,6	2124,9	58,7	1983,7	58,3	748,4	50,0
Zhytomyr	548,0	54,3	570,6	57,9	560,3	59,5	507,6	55,9
Zakarpattia	503,3	55,6	551,0	60,0	531,8	57,7	505,5	54,8
Zaporizhzhya	807,4	54,8	846,0	58,2	825,7	59,5	734,9	56,0
Ivano-Frankivsk	584,7	57,8	522,5	51,6	530,3	52,3	556,9	54,7
Kyiv	739,0	54,8	791,0	58,6	757,9	58,6	736,3	57,8
Kirovohrad	435,2	52,4	457,5	56,5	431,2	56,9	375,7	52,9
Luhansk	1008,3	51,1	1054,4	55,4	1015,4	57,1	298,5	55,6
Lviv	1082,7	56,5	1064,6	55,8	1096,7	58,0	1047,0	55,9
Mykolayiv	501,0	52,8	539,8	57,3	536,7	59,1	498,1	57,5
Odesa	1015,0	54,7	1028,1	55,6	1044,5	57,5	1000,6	56,7
Poltava	672,3	56,2	690,3	58,3	644,8	57,3	570,4	53,3
Rivne	431,8	52,0	461,6	55,2	471,2	56,7	474,2	56,9
Sumy	513,8	53,3	546,0	58,1	497,0	56,0	478,5	56,8
Ternopil	409,4	50,1	425,1	52,6	431,3	54,2	407,6	52,0
Kharkiv	1272,4	57,3	1297,2	58,4	1267,3	59,3	1236,6	59,7
Kherson	479,3	54,1	499,9	57,5	488,8	58,9	441,0	55,8
Khmelnyskiy	562,9	54,4	586,0	57,9	580,6	59,1	510,1	53,9
Cherkasy	534,9	52,3	578,7	57,0	564,9	58,4	517,5	56,2
Chernivtsi	293,6	44,5	361,7	54,5	382,4	57,4	376,1	56,2
Chernihiv	520,5	57,5	517,9	59,8	480,1	59,2	424,8	55,6
cities								
Kyiv	1218,3	60,5	1352,0	63,3	1387,8	63,6	1364,3	62,3
Sevastopol	118,2	54,7	180,4	60,6	181,3	62,0

LABOUR MARKET

3.7. Number of employees for enterprises, departments, organisations, by type of economic activity

(thsd.)

	2012	2013	2014	2015	2016
Total	12181,3	11700,5	10565,2	9501,1	9330,2
Agriculture, forestry and fishing	741,8	661,4	607,5	568,5	562,3
Industry	2950,2	2824,6	2501,4	2171,6	2097,0
including					
Mining and quarrying	438,0	426,9	357,5	259,5	237,1
Manufacturing	1935,3	1838,2	1635,4	1447,4	1404,1
Construction	418,6	381,4	305,5	248,1	245,9
Wholesale and retail trade; repair of motor vehicles and motorcycles	1231,8	1166,2	1027,9	887,0	903,6
Transportation and storage, postal and courier activities	875,8	857,9	785,2	704,5	706,5
Accommodation and food service activities	137,3	134,7	107,9	94,3	96,8
Information and communication	217,8	219,9	196,9	170,4	165,9
Financial and insurance activities	319,0	306,1	276,8	223,2	205,5
Real estate activities	230,1	205,2	174,2	156,2	147,0
Professional, scientific and technical activities	430,6	412,1	364,5	317,8	313,0
Administrative and support service activities	304,6	301,3	284,8	248,8	253,3
Public administration and defence, compulsory social security	1066,1 ¹	1025,3	959,5 ¹	974,5 ¹	973,1
Education	1696,4	1669,4	1569,2	1478,3	1421,4
Human health and social work activities	1240,1	1225,3	1125,4	1007,9	997,3
Arts, entertainment and recreation	208,9	202,2	189,0	174,2	167,2
Other type of economic activity	112,2	107,5	89,5	75,8	74,4

¹ See the footnote to Table 3.5

LABOUR MARKET

3.8. Number of employees for enterprises, departments, organisations, by region

(thsd.)

	2000	2005	2010	2012	2013	2014	2015	2016
Ukraine	16044,0	14005,3	12564,2	12181,3	11700,5	10565,2	9501,1	9330,2
Autonomous Republic of Crimea	611,6	585,3	513,1	474,5	455,1
oblasts								
Vinnitsya	590,6	502,4	405,2	388,8	372,1	369,1	354,1	342,8
Volyn	320,8	263,6	247,2	237,8	226,7	226,5	213,1	214,5
Dnipropetrovsk	1342,8	1170,8	1058,2	1056,1	1010,4	981,5	935,4	917,2
Donetsk	1703,2	1480,6	1314,8	1268,1	1210,3	977,4	515,0	514,1
Zhytomyr	457,9	367,9	327,8	311,5	297,8	296,3	282,7	278,2
Zakarpattia	305,6	247,4	233,3	218,0	209,4	205,5	200,9	196,9
Zaporizhzhya	701,2	633,6	540,4	502,4	472,9	464,4	441,7	429,8
Ivano-Frankivsk	356,8	291,7	268,4	256,6	247,9	245,4	241,0	239,9
Kyiv	659,7	647,4	615,9	635,7	625,5	613,8	583,1	590,7
Kirovohrad	356,1	281,2	248,5	234,2	223,3	217,9	212,6	209,9
Luhansk	781,3	685,9	615,2	585,5	553,7	411,0	191,7	172,8
Lviv	817,9	723,1	646,4	620,1	598,6	581,0	576,1	569,1
Mykolayiv	423,5	348,8	288,1	274,4	266,3	258,5	248,4	245,7
Odesa	789,9	704,6	642,3	606,3	576,7	554,0	549,7	533,6
Poltava	573,9	488,0	432,4	415,9	404,5	388,0	367,8	352,1
Rivne	343,5	284,1	263,6	248,5	238,7	235,2	231,0	226,5
Sumy	456,2	361,8	312,7	293,0	281,5	271,3	261,0	258,0
Ternopil	330,5	249,2	217,8	209,5	201,6	199,5	188,5	183,5
Kharkiv	986,0	869,8	770,5	760,4	716,6	709,4	679,1	669,1
Kherson	372,8	274,4	238,5	223,9	213,1	210,7	204,5	198,7
Khmelnyskiy	482,6	356,7	304,4	288,4	277,7	271,9	266,2	262,0
Cherkasy	469,8	379,1	337,9	322,0	305,9	295,9	281,3	278,1
Chernivtsi	230,3	179,3	162,6	155,0	147,5	146,1	141,3	138,4
Chernihiv	402,7	342,3	291,1	280,0	267,1	261,2	249,2	244,4
cities								
Kyiv	1062,8	1151,9	1155,2	1209,4	1199,6	1173,7	1085,7	1064,2
Sevastopol	114,0	133,8	112,7	105,3	100,0

LABOUR MARKET

3.9. ILO unemployment, by region

(aged 15–70)

	2000		2005		2010		2016	
	thsd.	percentage of economically active population aged 15–70	thsd.	percentage of economically active population aged 15–70	thsd.	percentage of economically active population aged 15–70	thsd.	percentage of economically active population aged 15–70
Ukraine	2655,8	11,6	1600,8	7,2	1785,6	8,1	1678,2	9,3
Autonomous Republic of Crimea	79,9	8,1	52,6	5,5	60,2	6,2
oblasts								
Vinnitsya	79,7	8,7	52,4	6,8	76,9	10,0	71,0	9,7
Volyn	53,8	10,0	41,9	8,9	40,5	8,5	49,7	11,5
Dnipropetrovsk	201,5	11,6	91,9	5,5	117,7	7,1	121,7	7,9
Donetsk	230,3	9,7	140,2	6,2	182,9	8,4	122,9	14,1
Zhytomyr	76,8	12,3	61,9	9,8	60,8	9,8	63,7	11,2
Zakarpattia	66,3	11,6	41,3	7,0	50,4	8,7	56,3	10,0
Zaporizhzhya	117,0	12,7	62,3	6,9	66,9	7,5	81,4	10,0
Ivano-Frankivsk	68,6	10,5	50,3	8,8	47,5	8,2	53,5	8,8
Kyiv	108,2	12,8	55,9	6,6	59,7	7,3	53,5	6,8
Kirovohrad	75,9	14,9	44,0	8,8	42,3	8,9	53,1	12,4
Luhansk	127,0	11,2	88,8	7,8	78,7	7,2	57,0	16,0
Lviv	166,8	13,3	102,4	8,8	93,3	7,8	87,9	7,7
Mykolayiv	85,4	14,6	55,2	9,3	49,4	8,4	53,3	9,7
Odesa	136,3	11,8	58,3	5,4	68,0	6,1	72,5	6,8
Poltava	75,9	10,1	54,2	7,3	69,2	9,7	82,6	12,6
Rivne	59,9	12,2	49,5	9,7	60,8	11,4	56,3	10,6
Sumy	89,7	14,9	45,2	7,6	59,2	10,6	48,8	9,3
Ternopil	65,7	13,8	42,3	9,1	50,8	10,5	52,8	11,5
Kharkiv	191,1	13,1	91,6	6,6	97,9	7,2	84,6	6,4
Kherson	77,1	13,9	49,0	8,9	46,1	8,6	55,9	11,2
Khmelnyskiy	89,8	13,8	55,9	8,7	54,9	8,6	53,0	9,4
Cherkasy	71,0	11,7	62,9	9,8	62,4	9,9	59,8	10,4
Chernivtsi	60,4	17,1	39,5	9,8	35,6	8,5	35,7	8,7
Chernihiv	66,4	11,3	44,4	7,9	56,1	10,5	53,9	11,3
cities								
Kyiv	115,0	8,6	60,6	4,3	85,9	5,8	97,3	6,7
Sevastopol	20,3	14,7	6,3	3,4	11,5	6,0

LABOUR MARKET

3.10. Economically active population in 2016, by sex and age group

	Total aged 15–70, thsd.	Share of age groups, percent						
		15–24	25–29	30–34	35–39	40–49	50–59	60–70
Economically active population	17955,1	8,3	13,5	14,7	13,7	25,3	20,9	3,6
females	8479,4	7,5	12,0	13,6	13,7	27,2	22,0	4,0
males	9475,7	8,9	14,9	15,6	13,7	23,7	19,9	3,3
employed	16276,9	7,0	13,2	14,7	13,9	25,8	21,4	4,0
females	7827,4	6,4	11,7	13,6	13,8	27,6	22,6	4,3
males	8449,5	7,6	14,6	15,8	14,0	24,1	20,2	3,7
unemployed	1678,2	20,3	16,9	14,0	11,8	20,7	16,2	0,1
females	652,0	21,1	15,9	13,4	12,5	22,1	15,0	—
males	1026,2	19,8	17,6	14,5	11,2	19,8	17,0	0,1

3.11. Employment rate in 2016, by sex, place of residence and age group

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

	Total aged 15–70	Of which by age groups						
		15–24	25–29	30–34	35–39	40–49	50–59	60–70
Total population	56,3	27,0	69,8	74,7	78,4	78,2	62,4	14,3
females	51,6	24,4	60,8	67,2	74,3	77,7	57,8	12,3
males	61,6	29,6	78,4	81,9	82,5	78,8	68,1	17,3
urban population	57,0	24,1	71,5	77,0	80,0	79,6	63,2	12,9
rural population	54,9	32,1	66,3	68,5	74,5	75,5	60,9	17,5

3.12. ILO unemployment rate in 2016, by sex, place of residence and age group

(percentage of economically active population in the respective age group)

	Total aged 15–70	Of which by age groups						
		15–24	25–29	30–34	35–39	40–49	50–59	60–70
Total population	9,3	23,0	11,7	8,9	8,0	7,7	7,3	0,1
females	7,7	21,5	10,2	7,6	7,0	6,3	5,2	—
males	10,8	24,0	12,8	10,0	8,9	9,1	9,3	0,2
urban population	9,2	23,7	11,5	8,6	8,0	7,8	7,2	0,1
rural population	9,7	22,0	12,1	10,0	7,9	7,4	7,5	0,0

LABOUR MARKET

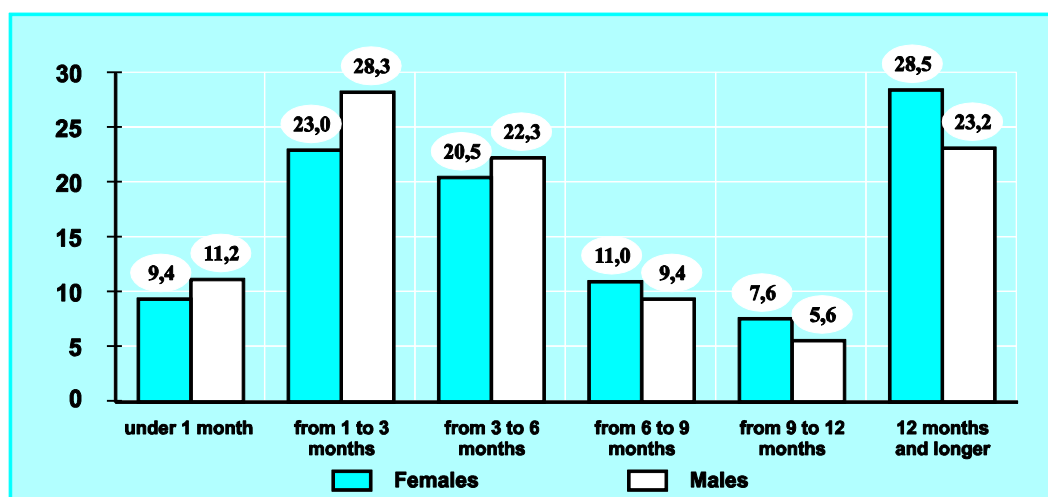
3.13. ILO unemployed, by duration of job search

(aged 15–70)

	2000	2005	2010	2012	2013	2014	2015	2016
Total unemployed, thsd.	2655,8	1600,8	1785,6	1657,2	1576,5	1847,6	1654,7	1678,2
of which those who sought a job or tried to establish own business	2176,3	1523,5	1711,8	1608,5	1537,2	1801,6	1617,4	1634,8
of which, by duration of job search, percent								
under 1 month	3,6	9,7	9,8	12,0	11,4	13,4	10,5	10,5
from 1 to 3 months	11,2	23,4	24,3	26,1	27,6	31,7	23,3	26,2
from 3 to 6 months	11,7	20,4	21,8	22,4	23,5	25,1	23,9	21,6
from 6 to 9 months	8,5	10,7	11,3	10,7	10,3	10,2	11,0	10,0
from 9 to 12 months	9,6	6,0	9,2	7,0	6,3	6,8	7,3	6,4
12 months and longer	55,4	29,8	23,6	21,8	20,9	12,8	24,0	25,3
<i>Average duration of job search, months</i>	<i>10</i>	<i>7</i>	<i>7</i>	<i>6</i>	<i>6</i>	<i>5</i>	<i>7</i>	<i>7</i>

3.14. ILO unemployed in 2016 by duration of job search by sex

(aged 15–70; percent)



LABOUR MARKET

3.15. ILO unemployed, by cause of unemployment¹

(aged 15–70)

	2005	2010	2011	2012	2013	2014	2015	2016
Total unemployed, thsd.	1600,8	1785,6	1732,7	1657,2	1576,5	1847,6	1654,7	1678,2
By cause of unemployment, percent								
layoffs due to business reasons	26,5	32,7	27,4	23,4	21,2	22,3	27,8	22,4
dismissed due to one's own will as agreed by parties	32,8	26,8	29,7	33,7	34,0	31,8	28,9	33,0
dismissed due to the end of the contract or labour agreement	7,8	10,4	9,5	8,5	8,5	7,8	7,5	9,4
not placed in a job after graduation from secondary school and higher educational institutions	15,3	16,0	18,5	17,0	17,3	16,7	16,4	15,6
seasonal job	4,7	6,3	7,1	9,1	8,6	9,3	9,9	9,7
not employed due to fulfilment of household (family) responsibilities, etc	2,3	2,3	2,3	2,5	3,7	4,6	3,7	3,2
layoffs caused by state of health, old-age pension	1,7	0,9	0,9	1,5	1,2	1,4	0,9	1,8
demobilised after term military service	1,5	1,3	1,3	1,4	1,0	0,3	0,3	0,7
other causes	7,4	3,3	3,3	2,9	4,5	5,8	4,6	4,2

¹ As apposed to information released earlier, information for 2005 and 2010–2015 is given using more detailed list of reasons

LABOUR MARKET

3.16. Demand and supply of labour force by type of economic activity

(end of year)

	Number of registered unemployed ¹ , thsd.		Employers' demand for employees to replace vacant work places (vacant positions), thsd.		Burden per one vacant work place (vacant position), persons	
	2015	2016	2015	2016	2015	2016
Total	490,8	390,8	25,9	36,0	19	11
Agriculture, forestry and fishing	102,9	90,9	1,2	1,5	87	59
Industry	75,5	58,3	6,5	10,0	12	6
including						
Mining and quarrying	5,1	4,2	0,2	0,6	24	7
Manufacturing	60,9	45,3	5,1	7,8	12	6
Construction	10,3	8,1	1,0	1,8	10	4
Wholesale and retail trade; repair of motor vehicles and motorcycles	61,2	44,7	4,1	5,9	15	8
Transportation and storage, postal and courier activities	16,7	13,2	2,8	3,8	6	3
Accommodation and food service activities	9,1	6,3	0,8	0,9	12	7
Information and communication	7,7	4,9	0,3	0,4	24	12
Financial and insurance activities	20,8	12,1	0,2	0,5	94	26
Real estate activities	4,2	2,9	0,4	0,6	10	5
Professional, scientific and technical activities	8,1	5,9	0,6	0,8	13	7
Administrative and support service activities	8,2	6,4	1,1	1,4	8	5
Public administration and defence, compulsory social security	57,0	64,9	2,7	2,9	21	23
Education	8,8	7,2	1,4	2,0	6	4
Human health and social work activities	12,8	10,9	2,1	2,7	6	4
Arts, entertainment and recreation	2,1	1,6	0,3	0,4	8	4
Other services	4,1	3,0	0,4	0,4	9	7
Persons who have not previously worked	81,3	49,5	×	×	×	×

¹ Distribution of registered unemployed by economic activity carried out on persons who previously were employed (working at enterprises, institutions, organisations, etc)

LABOUR MARKET

3.17. Demand and supply of labour force, by region

(end of year)

	Number of registered unemployed				Employers' demand for employees to replace vacant work places (vacant positions), thsd.		Burden per one work place (vacant positions), persons	
	thsd.		percentage of population working age		2015	2016	2015	2016
	2015	2016	2015	2016				
Ukraine	490,8	390,8	1,9	1,5	25,9	36,0	19	11
Autonomous Republic of Crimea
oblasts								
Vinnitsya	28,1	24,2	2,9	2,5	0,4	0,5	62	52
Volyn	11,7	9,2	1,8	1,4	0,8	1,6	15	6
Dnipropetrovsk	37,7	30,7	1,9	1,5	2,7	3,4	14	9
Donetsk	21,2	14,1	0,8	0,5	0,4	0,4	60	35
Zhytomyr	21,5	17,1	2,8	2,2	1,3	1,6	17	11
Zakarpattia	9,0	5,9	1,1	0,8	0,2	0,4	37	14
Zaporizhzhya	28,4	23,3	2,6	2,2	0,2	0,5	185	46
Ivano-Frankivsk	14,7	11,3	1,7	1,3	0,5	0,5	27	21
Kyiv	20,1	15,6	1,9	1,5	1,9	2,3	11	7
Kirovohrad	22,0	17,1	3,7	2,9	0,6	1,5	39	11
Luhansk	9,9	8,1	0,7	0,6	0,1	0,4	140	23
Lviv	23,9	17,3	1,5	1,1	1,5	2,8	16	6
Mykolayiv	19,6	16,8	2,7	2,3	1,0	1,4	19	12
Odesa	16,3	14,0	1,1	1,0	1,8	2,7	9	5
Poltava	30,4	23,8	3,4	2,7	1,4	1,8	21	14
Rivne	16,7	14,4	2,3	2,0	0,7	0,9	24	16
Sumy	18,6	14,2	2,7	2,1	0,7	1,0	27	15
Ternopil	12,7	10,8	1,9	1,6	1,0	1,1	13	9
Kharkiv	29,3	23,6	1,7	1,4	2,2	2,8	13	8
Kherson	15,2	11,2	2,3	1,7	0,4	0,4	35	28
Khmelnyskiy	16,9	15,8	2,1	2,0	0,4	0,6	44	28
Cherkasy	24,9	20,3	3,3	2,7	0,6	0,5	41	43
Chernivtsi	9,1	8,0	1,6	1,4	0,5	0,7	17	11
Chernihiv	16,1	12,4	2,6	2,0	0,6	0,7	25	17
cities								
Kyiv	16,8	11,6	0,9	0,6	4,0	5,5	4	2
Sevastopol

LABOUR MARKET

3.18. Demand and supply of labour force, by occupational group

(end of year)

	Number of registered unemployed, thsd.		Employers' demand for employees to replace vacant work places (vacant positions), thsd.		Burden per one work place (vacant positions), persons	
	2015	2016	2015	2016	2015	2016
Total	490,8	390,8	25,9	36,0	19	11
Legislatures, top government officials, executives, managers (administrators)	67,1	64,5	1,9	2,7	35	24
Professionals	43,0	33,2	3,8	4,7	11	7
Experts	49,3	36,6	2,8	3,9	17	9
Technical personnel	30,2	20,4	1,2	1,6	26	12
Consumer services and trade personnel	73,8	54,9	4,2	4,8	18	11
Skilled workers employed in agriculture, forestry, fishery and fish farming	24,3	21,7	0,3	0,4	74	55
Skilled workers using specific tools	48,9	35,9	5,2	7,9	9	5
Operators and assemblers of equipment and machinery	82,4	70,4	3,8	5,8	22	12
Basic occupations ¹	71,8	53,2	2,7	4,2	26	13

¹ Including persons without occupations

LABOUR MARKET

3.19. Duration of registered unemployment in 2016, by region

(end of year; thsd.)

	Number of registered unemployed	Of which by period of unemployment						Average period of unemployment, months
		under 1 month	from 1 to 3 months	from 3 to 6 months	from 6 to 9 months	from 9 to 12 months	12 months and longer	
Ukraine	390,8	100,2	110,1	84,3	59,3	26,4	10,5	4
Autonomous Republic of Crimea
oblasts								
Vinnitsya	24,2	7,6	7,3	4,4	3,2	1,4	0,3	3
Volyn	9,2	2,1	2,5	2,1	1,6	0,7	0,2	4
Dnipropetrovsk	30,7	6,6	8,2	7,4	5,6	2,3	0,6	4
Donetsk	14,1	2,6	4,1	3,5	2,4	1,2	0,3	4
Zhytomyr	17,1	3,4	4,2	3,9	3,1	1,8	0,7	5
Zakarpattia	5,9	1,3	1,8	1,5	0,9	0,3	0,1	4
Zaporizhzhya	23,3	5,6	7,1	5,0	3,2	2,0	0,4	4
Ivano-Frankivsk	11,3	2,2	3,4	2,8	2,0	0,7	0,2	4
Kyiv	15,6	3,9	4,1	3,5	2,7	1,1	0,3	4
Kirovohrad	17,1	5,1	4,2	3,0	2,3	1,2	1,3	4
Luhansk	8,1	2,0	2,5	1,6	1,0	0,6	0,4	4
Lviv	17,3	3,6	5,0	4,8	2,7	0,9	0,3	4
Mykolayiv	16,8	4,7	4,8	3,5	2,3	1,0	0,5	4
Odesa	14,0	4,7	4,9	2,3	1,3	0,6	0,2	3
Poltava	23,8	8,0	5,9	4,7	3,5	1,3	0,4	3
Rivne	14,4	2,9	3,9	3,3	2,5	1,1	0,7	5
Sumy	14,2	3,6	4,2	2,7	2,2	0,9	0,6	4
Ternopil	10,8	3,2	3,0	2,2	1,5	0,7	0,2	4
Kharkiv	23,6	6,5	7,3	5,3	3,0	1,2	0,3	3
Kherson	11,2	3,5	4,0	1,9	1,1	0,5	0,2	3
Khmelnyskiy	15,8	4,9	4,3	2,9	2,3	1,0	0,4	4
Cherkasy	20,3	5,6	5,3	4,3	3,0	1,5	0,6	4
Chernivtsi	8,0	1,8	2,3	1,4	1,4	0,7	0,4	4
Chernihiv	12,4	3,1	2,9	2,7	2,2	0,9	0,6	4
cities								
Kyiv	11,6	1,7	2,9	3,6	2,3	0,8	0,3	5
Sevastopol

LABOUR MARKET

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

(thsd.)

	2010	2011	2012	2013	2014	2015	2016
Total	10758	10556	10589	10164	8959	8065	7868
Agriculture, forestry and fishing	672	634	648	571	518	479	473
including Agricultural	597	563	578	505	458	417	410
Industry	2860	2828	2804	2673	2297	2040	1960
Construction	390	346	333	295	228	182	173
Wholesale and retail trade; repair of motor vehicles and motorcycles	902	909	978	911	786	687	712
Transportation and storage, postal and courier activities	824	814	826	809	731	661	660
Transportation	276	269	278	272	288	267	282
Warehousing and support activities for transportation	443	442	448	440	355	315	301
Postal and courier activities	105	103	100	97	88	79	77
Accommodation and food service activities	109	105	109	108	85	71	76
Information and communication	208	191	186	184	157	134	122
Financial and insurance activities	271	279	281	275	245	191	174
Real estate activities	160	160	164	132	103	92	85
Professional, scientific and technical activities	351	333	331	319	276	240	231
of which Scientific research and development	138	132	118	115	104	97	91
Administrative and support service activities	214	225	235	237	232	192	189
Public administration and defence, compulsory social security	643	608	593	590	529	484	463
Education	1668	1655	1667	1642	1499	1434	1393
Human health and social work activities	1240	1226	1185	1195	1065	984	972
of which Human health services	1113	1104	1060	1070	947	880	866
Arts, entertainment and recreation	193	194	199	176	172	161	155
of which							
Creative, arts and entertainment activities	101	103	108	88	89	85	84
Libraries, archives, museums and other cultural activities	55	55	54	53	50	48	47
Other services	53	49	50	47	37	31	31

LABOUR MARKET

3.21. Average annual number of regular employees, by region

(thsd.)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	13678	11388	10758	10556	10589	10164	8959	8065	7868
Autonomous Republic of Crimea	509	408	411	390	384	366
oblasts									
Vinnitsya	531	377	330	317	314	300	297	282	273
Volyn	284	222	200	195	193	181	182	171	171
Dnipropetrovsk	1111	1017	930	927	943	904	872	810	791
Donetsk	1477	1290	1156	1139	1148	1097	924	472	457
Zhytomyr	400	303	255	249	248	238	231	220	215
Zakarpattia	257	205	201	195	190	183	179	172	169
Zaporizhzhya	595	499	466	453	448	423	409	384	372
Ivano-Frankivsk	318	241	225	220	219	213	209	200	196
Kyiv	469	391	383	382	384	369	362	344	347
Kirovohrad	317	237	210	205	204	197	190	180	177
Luhansk	712	604	547	533	527	503	164	173	150
Lviv	691	581	555	542	536	516	503	483	474
Mykolayiv	359	288	243	237	236	229	219	207	200
Odesa	631	536	533	513	510	489	470	438	429
Poltava	513	417	368	366	372	365	349	328	310
Rivne	308	242	214	211	209	200	193	188	182
Sumy	401	308	258	248	250	241	230	219	214
Ternopil	306	206	183	181	175	172	170	158	152
Kharkiv	825	709	664	651	667	625	607	576	574
Kherson	329	231	202	195	193	185	182	173	165
Khmelnyskiy	427	298	251	243	243	232	226	220	214
Cherkasy	424	308	272	265	262	247	237	225	220
Chernivtsi	198	150	140	139	132	130	128	117	117
Chernihiv	358	278	237	229	220	213	206	194	190
cities									
Kyiv	846	965	1238	1248	1300	1267	1221	1132	1110
Sevastopol	84	77	86	83	82	79

LABOUR MARKET

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

(thsd.)

	2010	2011	2012	2013	2014	2015	2016
Industry	2860	2828	2804	2673	2297	2040	1960
Mining and quarrying	436	436	427	421	309	255	232
including							
Mining of coal and lignite	266	271	260	261	164	125	106
Manufacturing	1858	1836	1803	1713	1511	1339	1293
Manufacture of food products, beverages and tobacco products	384	378	373	362	323	290	282
Manufacture of textiles, apparel, leather and related products	96	97	96	83	75	72	77
Manufacture of wood and paper products, and printing	85	84	83	81	75	69	67
Manufacture of coke, and refined petroleum products	49	44	41	34	31	28	25
Manufacture of chemicals and chemical products	94	87	81	82	74	62	60
Manufacture of pharmaceuticals, medicinal chemical and botanical products	17	19	20	21	22	21	22
Manufacture of rubber and plastics products, and other non-metallic mineral products	165	161	156	142	129	114	110
Manufacture of basic metals and fabricated metal products, except machinery and equipment	354	342	331	313	272	244	218
Manufacture of computer, electronic and optical products	51	50	46	45	33	30	31
Manufacture of electrical equipment	64	62	64	61	61	53	49
Manufacture of machinery and equipment n.e.c.	188	185	179	177	142	121	120
Manufacture of transport equipment, trailers and semi-trailers and other	154	175	181	174	166	142	133
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	157	152	152	138	108	94	100
Electricity, gas, steam and air-conditioning supply	411	401	403	397	348	326	320
Water supply, sewerage, waste management and remediation	155	155	171	142	129	119	115

LABOUR MARKET

3.23. Employees recruitment and retirement rate, by type of economic activity

(percent of averaged payroll staff)

	Recruited		Retired	
	2015	2016	2015	2016
Total	24,0	26,1	30,2	29,2
Agriculture, forestry and fishing	47,1	46,3	49,1	48,5
including Agriculture	49,9	49,3	52,6	51,6
Industry	20,9	23,6	28,1	27,9
Construction	32,0	36,9	48,9	43,5
Wholesale and retail trade; repair of motor vehicles and motorcycles	47,8	54,0	55,5	55,7
Transportation and storage, postal and courier activities	21,4	23,6	28,5	24,9
Transportation	25,4	27,7	30,8	27,9
Warehousing and support activities for transportation	15,7	17,1	24,1	19,2
Postal and courier activities	30,8	34,0	37,8	36,2
Accommodation and food service activities	49,6	54,5	60,7	59,3
Information and communication	27,2	23,1	40,5	32,3
Financial and insurance activities	30,9	36,9	56,4	44,8
Real estate activities	30,5	27,2	38,9	36,3
Professional, scientific and technical activities	17,6	19,1	28,3	24,0
of which Scientific research and development	12,9	12,1	18,1	18,6
Administrative and support service activities	47,5	48,3	65,8	55,7
Public administration and defence, compulsory social security	21,4	21,8	26,7	23,5
Education	14,1	15,2	15,5	16,5
Human health and social work activities	11,8	13,0	14,2	15,7
of which Human health services	11,6	12,7	13,9	15,4
Arts, entertainment and recreation	18,0	21,8	18,8	21,7
of which				
Creative, arts and entertainment activities	20,7	24,4	17,6	22,0
Libraries, archives, museums and other cultural activities	11,0	13,4	12,9	15,3
Other services	26,1	23,1	37,7	27,8

3.24. Use of employees' working hours in 2016, by type of economic activity

	Per one regular employee, h			
	working hours		not fulfilled by reasons of	
	total	percent of the time-book working time fund	holidays without wage (ad interim stopping work)	due to economic reasons transferred to part-time job (week)
Total	1684	84,1	4	14
Agriculture, forestry and fishing	1819	90,8	3	8
of which Agriculture	1831	91,4	3	7
Industry	1683	84,0	9	38
Construction	1732	86,5	18	32
Wholesale and retail trade; repair of motor vehicles and motorcycles	1788	89,3	1	5
Transportation and storage, postal and courier activities	1713	85,5	2	9
Transportation	1753	87,5	2	8
Warehousing and support activities for transportation	1737	86,7	1	12
Postal and courier activities	1467	73,2	0	0
Accommodation and food service activities	1728	86,3	13	7
Information and communication	1766	88,2	3	4
Financial and insurance activities	1780	88,9	1	1
Real estate activities	1772	88,5	2	19
Professional, scientific and technical activities	1662	83,0	6	52
of which Scientific research and development	1608	80,3	6	66
Administrative and support service activities	1826	91,2	1	10
Public administration and defence, compulsory social security	1723	86,0	1	0
Education	1480	73,9	0	0
Human health and social work activities	1740	86,9	1	1
of which Human health services	1748	87,3	1	1
Arts, entertainment and recreation	1611	80,4	0	2
of which				
Creative, arts and entertainment activities	1569	78,3	0	2
Libraries, archives, museums and other cultural activities	1658	82,8	0	0
Other services	1742	87,0	3	10

3.25. Use of employees' working hours in 2016, by type of economic activity in industry

	Per one regular employee, h			
	working hours		not fulfilled by reasons of	
	total	percent of the time-book working time fund	holidays without wage (ad interim stopping work)	due to economic reasons transferred to part-time job (week)
Industry	1683	84,0	9	38
Mining and quarrying	1495	74,6	18	15
of which				
Mining of coal and lignite	1303	65,1	35	17
Manufacturing	1697	84,7	9	49
Manufacture of food products, beverages and tobacco products	1763	88,0	5	24
Manufacture of textiles, apparel, leather and related products	1755	87,6	5	24
Manufacture of wood and paper products, and printing	1754	87,6	9	21
Manufacture of coke, and refined petroleum products	1647	82,2	0	40
Manufacture of chemicals and chemical products	1693	84,5	4	38
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1744	87,1	16	9
Manufacture of rubber and plastics products, and other non-metallic mineral products	1750	87,4	14	33
Manufacture of basic metals and fabricated metal products, except machinery and equipment	1689	84,3	9	33
Manufacture of computer, electronic and optical products	1654	82,6	8	93
Manufacture of electrical equipment	1532	76,5	7	175
Manufacture of machinery and equipment n.e.c.	1641	81,9	13	79
Manufacture of transport equipment, trailers and semi-trailers and other	1598	79,8	17	104
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	1681	83,9	7	45
Electricity, gas, steam and air-conditioning supply	1731	86,4	2	19
Water supply, sewerage, waste management and remediation	1765	88,1	4	18

LABOUR MARKET

3.26. Collective agreements concluded, by type of economic activity

(end of 2016)

	Total collective agreements concluded and registered, units	Employees covered by agreements	
		thsd.	percentage of total payroll staff
Total	64158	6140,4	75,9
Agriculture, forestry and fishing	4784	323,5	75,1
of which Agriculture	4243	265,2	72,0
Industry	6095	1645,3	82,7
Construction	1195	84,7	51,2
Wholesale and retail trade; repair of motor vehicles and motorcycles	2552	273,9	36,7
Transportation and storage, postal and courier activities	1935	559,7	82,3
Transportation	819	304,4	104,8
Warehousing and support activities for transportation	1040	182,3	59,1
Postal and courier activities	76	72,9	89,5
Accommodation and food service activities	409	23,9	31,5
Information and communication	603	64,3	52,5
Financial and insurance activities	268	112,1	57,1
Real estate activities	1113	40,3	48,8
Professional, scientific and technical activities	2074	144,9	61,8
of which Scientific research and development	509	71,8	78,9
Administrative and support service activities	1277	95,0	52,0
Public administration and defence, compulsory social security	9980	381,1	77,6
Education	23721	1334,5	90,3
Human health and social work activities	4541	927,9	90,8
of which Human health services	3161	833,7	91,3
Arts, entertainment and recreation	3215	117,0	74,1
of which			
Creative, arts and entertainment activities	2012	67,7	77,9
Libraries, archives, museums and other cultural activities	834	37,8	79,7
Other services	396	12,3	41,6

LABOUR MARKET

3.27. Average monthly wages of regular employees

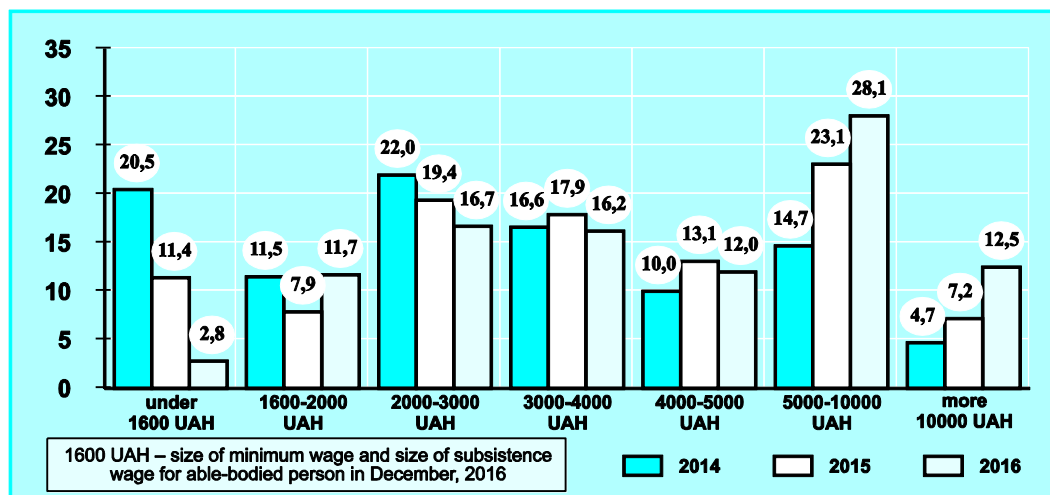
(KRB)

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

3.28. Average monthly nominal and real wages of regular employees

	Nominal wages, UAH	Percent to the relevant period of the previous year	
		nominal wages	real wages
2000	230	129,6	99,1
2005	806	136,7	120,3
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
By month			
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

3.29. Distribution of regular employees in December of 2014–2016, by nominal wages (percent)



3.30. Average monthly nominal wages of regular employees, by type of economic activity (UAH)

	2010	2012	2013	2014	2015	2016	
						UAH	percent of 2015
Total	2239	3026	3265	3480	4195	5183	123,6
Agriculture, forestry and fishing	1472	2086	2340	2556	3309	4195	126,8
of which Agriculture	1430	2026	2272	2476	3140	3916	124,7
Industry	2570	3478	3763	3988	4789	5902	123,2
Construction	1758	2516	2702	2860	3551	4731	133,3
Wholesale and retail trade; repair of motor vehicles and motorcycles	1877	2704	3010	3439	4692	5808	123,8
Transportation and storage, postal and courier activities	2658	3412	3589	3768	4653	5810	124,8
Transportation	2555	3249	3419	3755	4556	5776	126,8
Warehousing and support activities for transportation	2993	3865	4062	4231	5358	6603	123,2
Postal and courier activities	1523	1843	1915	1934	2180	2818	129,2
Accommodation and food service activities	1455	2055	2249	2261	2786	3505	125,8
Information and communication	3161	4286	4599	5176	7111	9530	134,0
Financial and insurance activities	4638	6012	6275	7020	8603	10227	118,9
Real estate activities	1856	2356	2757	3090	3659	4804	131,2
Professional, scientific and technical activities	2869	4252	4465	5290	6736	8060	119,6
of which Scientific research and development	2874	3709	4024	4268	4972	6119	123,1
Administrative and support service activities	1839	2430	2527	2601	3114	3995	128,3
Public administration and defence, compulsory social security	2722	3415	3702	3817	4381	5953	135,9
Education	1905	2530	2700	2745	3132	3769	120,3
Human health and social work activities	1628	2202	2367	2441	2829	3400	120,2
of which Human health services	1637	2221	2390	2463	2853	3435	120,4
Arts, entertainment and recreation	1928	2886	3286	3626	4134	4844	117,2
of which							
Creative, arts and entertainment activities	1883	2532	2887	2841	3150	3828	121,5
Libraries, archives, museums and other cultural activities	1911	2559	2739	2769	3049	3705	121,5
Other services	1717	2618	2707	3361	3634	4615	127,0

LABOUR MARKET

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

(UAH)

	2010	2012	2013	2014	2015	2016	
						UAH	percent of 2015
Ukraine	2239	3026	3265	3480	4195	5183	123,6
Autonomous Republic of Crimea	1991	2654	2850
oblasts							
Vinnitsya	1782	2432	2651	2810	3396	4189	123,3
Volyn	1692	2339	2580	2721	3291	4047	123,0
Dnipropetrovsk	2369	3138	3336	3641	4366	5075	116,2
Donetsk	2549	3496	3755	3858	4980	5989	120,3
Zhytomyr	1785	2369	2561	2763	3271	4000	122,3
Zakarpattia	1846	2351	2553	2744	3381	4298	127,1
Zaporizhzhya	2187	2927	3142	3432	4200	5080	121,0
Ivano-Frankivsk	1927	2539	2679	2875	3402	4202	123,5
Kyiv	2295	3157	3351	3489	4153	5229	125,9
Kirovohrad	1815	2428	2608	2789	3282	3974	121,1
Luhansk	2271	3090	3337	3377	3427	4637	135,3
Lviv	1941	2578	2789	2961	3646	4559	125,0
Mykolayiv	2122	2822	3094	3344	3984	4887	122,7
Odesa	2046	2700	2947	3129	3897	4809	123,4
Poltava	2102	2850	2988	3179	3783	4621	122,2
Rivne	1960	2575	2844	3033	3573	4364	122,2
Sumy	1866	2503	2702	2877	3449	4131	119,8
Ternopil	1659	2185	2359	2527	2994	3695	123,4
Kharkiv	2060	2753	2975	3143	3697	4448	120,3
Kherson	1733	2269	2464	2617	3123	4046	129,6
Khmelnyskiy	1786	2425	2641	2878	3371	4043	119,9
Cherkasy	1835	2508	2682	2829	3360	4148	123,4
Chernivtsi	1772	2329	2484	2578	3050	3828	125,5
Chernihiv	1711	2308	2504	2690	3295	4002	121,4
cities							
Kyiv	3431	4607	5007	5376	6732	8648	128,5
Sevastopol	2167	2891	3114

LABOUR MARKET

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

(UAH)

	2010	2012	2013	2014	2015	2016	
						UAH	percent of 2015
Industry	2570	3478	3763	3988	4789	5902	123,2
Mining and quarrying	3563	4908	5266	5445	6164	7426	120,5
including							
Mining of coal and lignite	3790	5282	5716	5597	5944	7361	123,8
Manufacturing	2284	3091	3305	3570	4477	5543	123,8
Manufacture of food products, beverages and tobacco products	2138	2891	3110	3337	4184	5182	123,9
Manufacture of textiles, apparel, leather and related products	1336	1757	1868	2107	2877	3773	131,1
Manufacture of wood and paper products, and printing	1866	2528	2798	3020	3717	4800	129,1
Manufacture of coke, and refined petroleum products	3259	4027	4370	4798	6181	6511	105,3
Manufacture of chemicals and chemical products	2384	3510	3630	3971	4988	5932	118,9
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3490	4925	5422	6219	8254	11028	133,6
Manufacture of rubber and plastics products, and other non-metallic mineral products	1968	2688	2876	3069	3952	5144	130,1
Manufacture of basic metals and fabricated metal products, except machinery and equipment	2879	3863	4132	4682	5645	6717	119,0
Manufacture of computer, electronic and optical products	2051	2615	3083	3211	4619	6787	147,0
Manufacture of electrical equipment	2102	2818	3058	3159	3870	4803	124,1
Manufacture of machinery and equipment n.e.c.	2219	3046	3282	3433	4120	5080	123,3
Manufacture of transport equipment, trailers and semi-trailers and other	2394	3226	3274	3343	4331	5441	125,6
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	2070	2909	3012	3167	4065	5290	130,1
Electricity, gas, steam and air-conditioning supply	3028	4112	4500	4885	5462	6918	126,7
Water supply, sewerage, waste management and remediation	1980	2487	2777	2967	3498	4039	115,4

LABOUR MARKET

**3.33. The number and nominal wages of regular employees in 2016,
by sex and type of economic activity**

	Averaged payroll staff, thsd.		Average monthly nominal wages of regular employees		
	males	females	males, UAH	females	
				UAH	percent of average monthly wages of males
Total	3634,8	4233,3	6001	4480	74,6
Agriculture, forestry and fishing	336,4	136,9	4423	3635	82,2
of which Agriculture	283,8	126,5	4121	3455	83,8
Industry	1244,4	715,5	6503	4857	74,7
Construction	139,3	33,9	4811	4402	91,5
Wholesale and retail trade; repair of motor vehicles and motorcycles	352,2	360,2	6536	5097	78,0
Transportation and storage, postal and courier activities	419,4	240,5	6331	4900	77,4
Transportation	200,4	81,9	5846	5603	95,8
Warehousing and support activities for transportation	208,5	92,5	6894	5946	86,2
Postal and courier activities	10,5	66,1	4404	2566	58,3
Accommodation and food service activities	25,2	50,7	3862	3328	86,2
Information and communication	70,2	52,2	10550	8159	77,3
Financial and insurance activities	56,7	117,5	13154	8815	67,0
Real estate activities	49,0	36,0	4937	4622	93,6
Professional, scientific and technical activities	110,1	120,4	8824	7361	83,4
of which Scientific research and development	47,0	43,5	6769	5418	80,0
Administrative and support service activities	107,9	80,5	3944	4063	103,0
Public administration and defence, compulsory social security	164,3	299,0	6223	5804	93,3
Education	317,9	1074,7	3963	3712	93,7
Human health and social work activities	176,8	794,8	3727	3327	89,3
of which Human health services	159,6	706,1	3787	3355	88,6
Arts, entertainment and recreation	50,4	104,5	7314	3654	50,0
of which					
Creative, arts and entertainment activities	27,5	56,9	4287	3606	84,1
Libraries, archives, museums and other cultural activities	10,1	36,5	3583	3738	104,3
Other services	14,6	15,9	5076	4194	82,6

4. INCOME AND LIVING CONDITIONS

Income of the population is accrued in kind and in cash and includes the following: wages and salaries (including the ones received from abroad) profits and mixed income, income obtained from property, social allowances and other current transfers.

Disposable income is the maximum amount of income meant to be used by households for purchasing consumer goods and payment for services. They include wages, profits and mixed income, income balance from ownership, social allowances, other current transfers obtained in cash excluding the paid ones, namely current taxes on income and property.

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

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

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

Households participate in the survey for one year.

The survey is conducted every quarter in all regions of the country and covers all population excluding those in active armed

forces, imprisoned, persons residing in boarding houses for the aged, and marginal sections of the population. The design of the sample survey excludes contaminated areas (isolated and eviction areas).

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

In 2016 the sampled population of the survey included 12228 households (excluding households who reside within 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). During the year 8168 households took part in the survey (selected addresses accounted for 69,5%, excluding non-resident dwellings). The results of the sample survey are extended through the statistical weighting procedure to the total population.

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

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

Total expenditure consist of monetary expenditure and value of consumed by household agriculture foodstuffs that were privately produced or given by their relatives or their other individuals, benefits and non-cash

subsidies meant to pay for housing, communal utilities and services, benefits for telephone calls, travelling in transport, health goods and services, tourist services, places in sanatoria, etc. Value of privately produced foodstuffs given by households to their relatives and other individuals is included into the total expenditure since this assistance occurs in a regular arrangement.

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

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

Total resources includes total income and the sum of the used savings, increased loans, credits, debts that households have acquired as well as debts paid off to households. This indicator shows the potential household resources that were obtained during the

reference period regardless of the sources from which they had been derived.

Subsistence level is the amount sufficient to ensure the normal functioning of the human being's organism, preservation of its health, a set of foodstuffs, and a minimum set of non-food items and a minimum set of services which are necessary to satisfy the basic social and cultural needs of an individual.

Actual subsistence line is calculated monthly by the Ministry of Social Policy of Ukraine to observe the movements of the living standards in Ukraine on the basis of statistical data on rate of consumer prices (Ukraine's law *On subsistence line*).

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

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

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

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

INCOME AND LIVING CONDITIONS

4.1. Population income and expenditure

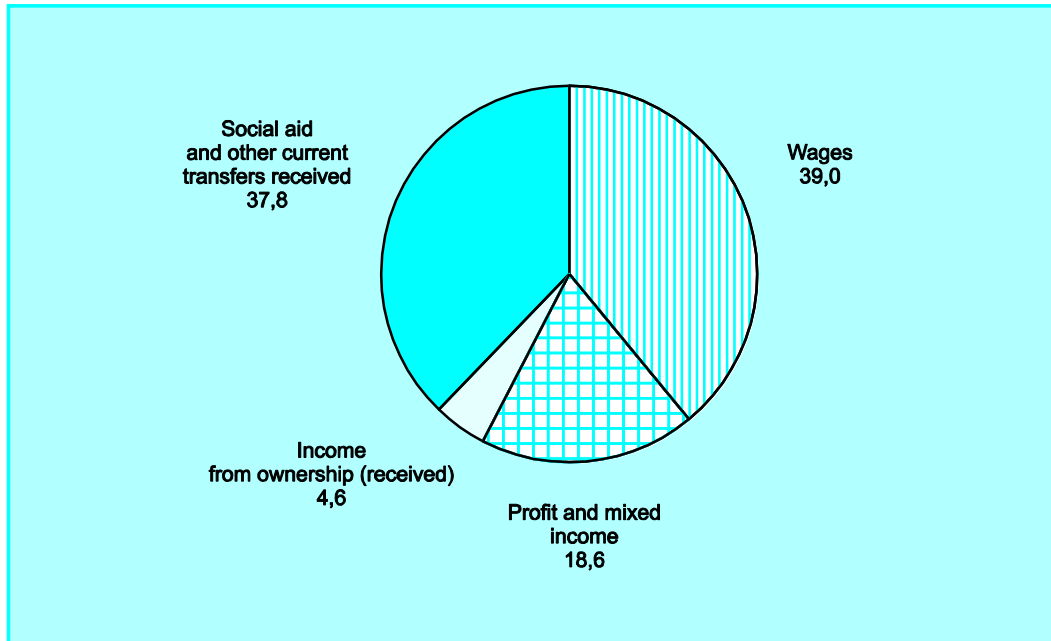
(mln. UAH)

	2000	2005	2010	2012 ¹	2013 ¹	2014 ¹	2015 ¹	2015 over 2014, percent
Income	128736	381404	1101175	1457864	1548733	1516768	1735858	114,4
of which								
wages	55853	160621	449553	609394	630734	615022	677003	110,1
profit and mixed income	24696	58404	160025	224920	243668	254307	323506	127,2
income from ownership (received)	3322	11072	67856	80769	87952	85114	80035	94,0
social aid and other current transfers received	44865	151307	423741	542781	586379	562325	655314	116,5
Expenditure and savings	128736	381404	1101175	1457864	1548733	1516768	1735858	114,4
of which								
purchase of goods and services	115887	306769	838213	1194791	1304031	1316757	1553757	118,0
income from ownership (paid)	158	3523	28844	18567	21091	23495	18583	79,1
current taxes on income, property and other current transfers paid	8488	25461	72251	97226	107345	145736	150539	103,3
accumulation of non-financial assets	3099	4444	19578	-2954	5378	2912	-2117	×
increase in financial assets	1104	41207	142289	150234	110888	27868	15096	54,2
<i>Available income</i>	<i>96609</i>	<i>298275</i>	<i>847949</i>	<i>1149244</i>	<i>1215457</i>	<i>1151656</i>	<i>1330089</i>	<i>115,5</i>
<i>Real available income, percent of the previous year</i>	<i>104,1</i>	<i>123,9</i>	<i>117,1</i>	<i>113,9</i>	<i>106,1</i>	<i>88,5</i>	<i>77,7</i>	<i>×</i>

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

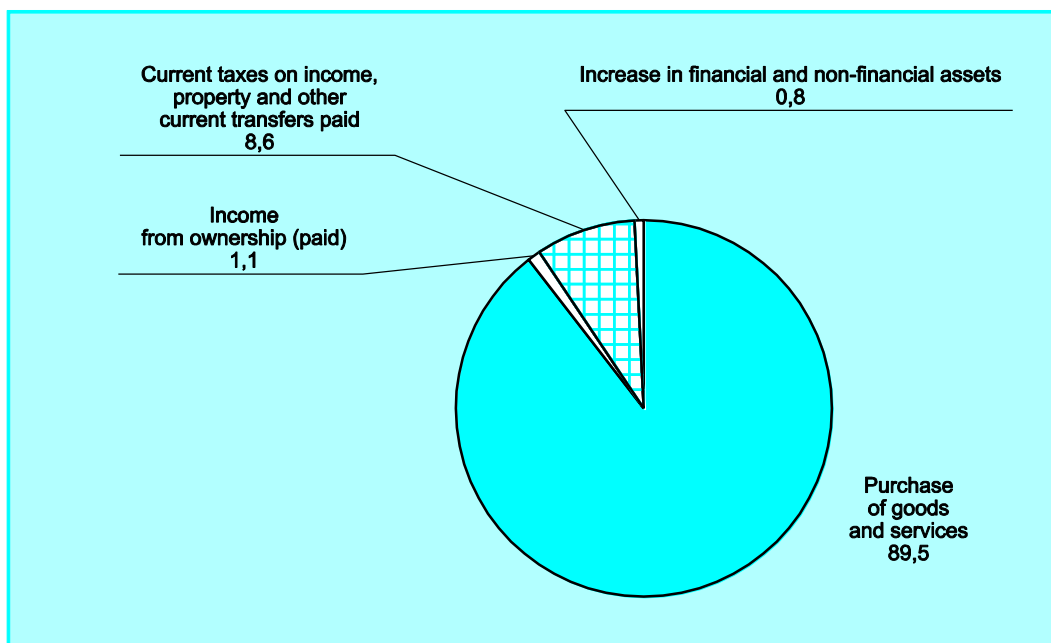
4.2. Structure of population income in 2015

(percent)



4.3. Structure of population expenditure and savings in 2015

(percent)



INCOME AND LIVING CONDITIONS

4.4. Population income, by region¹

(mln. UAH)

	2014			2015			2016 ²		
	income	available income		income	available income		income	available income	
		total	per capita, UAH		total	per capita, UAH		total	per capita, UAH
Ukraine	1516768	1151656	26782,1	1735858	1330089	31044,3	2002383	1519574	35610,1
Autonomous Republic of Crimea
oblasts									
Vinnitsya	49418	37812	23421,7	59646	46386	28875,7	69990	54033	33848,9
Volyn	27986	20985	20137,2	33250	25259	24222,3	39319	29496	28312,5
Dnipropetrovsk	136810	105223	32036,2	163262	125419	38403,8	187830	140918	43458,3
Donetsk	142745	113343	26234,4	114108	88173	20595,4	114741	82685	19434,3
Zhytomyr	36814	27831	22102,1	44068	33848	27041,6	51618	39113	31441,3
Zakarpattya	29988	21840	17358,1	36173	27312	21686,5	42165	31532	25045,3
Zaporizhzhya	68327	53449	30181,8	80308	62555	35546,7	94914	73563	42117,8
Ivano-Frankivsk	37848	28139	20356,7	46019	35594	25748,0	53767	41399	29975,4
Kyiv	63342	49133	28443,3	74798	57472	33207,4	89008	67907	39177,9
Kirovohrad	28901	21605	21954,1	34576	26016	26631,2	40559	30035	30979,9
Luhansk	56233	44124	19788,3	42454	32932	14882,5	38048	26227	11919,7
Lviv	79378	59887	23595,2	95690	72966	28772,1	112628	85332	33673,5
Mykolayiv	36373	27362	23458,5	43320	33190	28580,0	50522	38304	33186,6
Odesa	80438	58096	24242,0	98819	75494	31542,6	117310	90119	37732,0
Poltava	49928	38078	26195,7	59461	45115	31243,1	69629	52148	36393,3
Rivne	33314	25266	21781,0	39399	30143	25951,8	45830	34587	29757,4
Sumy	35375	27007	23938,1	43423	33337	29810,4	49855	37641	33944,4
Ternopil	26892	19718	18400,5	32975	24856	23277,8	38281	28562	26884,4
Kharkiv	95897	71841	26274,0	114601	85723	31459,1	132641	99149	36587,7
Kherson	30077	22183	20727,9	37296	28829	27066,9	42621	33086	31242,7
Khmelnyskiy	38853	29585	22686,1	47619	37020	28525,2	55083	42112	32650,0
Cherkasy	36694	27329	21760,5	43717	32715	26226,6	51331	37866	30608,7
Chernivtsi	22941	16798	18475,6	27557	21053	23137,7	32156	24396	26838,3
Chernihiv	31998	24509	23093,4	37961	29083	27690,2	43858	32950	31707,1
cities									
Kyiv	240198	180513	62715,1	285358	219599	75794,4	338679	266414	91356,6
Sevastopol

¹ See the footnote to Table 4.1

² Preliminary data

INCOME AND LIVING CONDITIONS

4.5. Average monthly pension¹

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

	2001	2006	2011	2013	2014	2015	2016	2017
Average monthly pensions payable to pensioners from the Pension Fund of Ukraine, UAH	83,7	406,8	1151,9	1470,7	1526,1	1581,5	1699,5	1828,3
including								
old age	85,2	417,7	1156,0	1464,3	1521,6	1573,0	1690,3	1808,9
disability	94,5	393,2	1033,8	1359,2	1406,5	1432,1	1545,2	1705,9
of which								
due to accident at work or occupational disease	89,7	280,5	824,7	980,2	1053,2	1060,2	1193,0	1383,1
1 st group	99,8	290,2	771,7	922,4	983,0	985,6	1102,2	1281,1
2 nd group	89,3	290,3	796,4	943,3	1003,9	1002,9	1131,5	1313,0
3 rd group	88,7	277,8	831,8	988,6	1064,0	1071,9	1206,4	1398,3
to survivors who lost their benefactor	61,0	302,8	940,0	1252,8	1303,8	1433,1	1640,3	1803,0
of which								
to families of employees and agricultural workers who lost their benefactor	58,8	299,1	912,2	1213,1	1266,5	1289,3	1417,8	1525,9
long service	105,8	443,9	1719,1	2172,1	2192,6	2244,3	2282,4	2384,9
entitled welfare pensions	43,7	339,6	744,8	920,4	976,0	977,0	1099,0	1268,6

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

INCOME AND LIVING CONDITIONS

4.6. Differentiation of household living standards¹

	Quintile coefficient for differentiating the population income ² , times		Ratio of income of richest and poorest 20% population, times		Share of the population with per capita average equivalent money income per month, lower			
					legislatively established subsistence line ³ , percent		actual subsistence line ⁴ , percent	
	money	total	money	total	money	total	money	total
2000	2,6	2,2	5,4	4,1	94,6	87,4
2002	2,4	2,1	4,7	3,9	87,3	80,5
2003	2,3	2,1	4,4	3,7	77,7	67,3
2004	2,2	2,1	4,4	3,8	61,8	50,0
2005	2,1	2,1	4,1	3,6	64,0	28,4
2006	2,2	2,1	4,2	3,8	49,7	21,4
2007	2,2	2,0	4,0	3,6	21,0	12,7
2008	2,2	2,0	4,1	3,7	11,6	7,1
2009	2,2	2,0	4,0	3,6	11,1	5,8
2010	2,1	1,9	4,0	3,5	15,6	8,8
2011	2,1	1,9	3,8	3,4	13,7	7,8
2012	2,0	1,9	3,6	3,3	14,1	9,1
2013	2,0	1,9	3,5	3,3	13,4	8,4
2014	2,0	1,9	3,4	3,1	14,3	8,6	24,5	16,7
2015	2,0	1,9	3,5	3,2	11,1	6,4	62,6	51,9
2016	2,0	1,9	3,4	3,0	10,2	3,8	65,0	51,1

¹ Data of the household living condition survey

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

³ Legislatively established subsistence line: in 2000, 270,1 UAH; in 2001 – 311,3 UAH; in 2002, 2003 – 342 UAH; in 2004 – 362,23 UAH; in 2005 – 423 UAH; in 2006 – 463,8 UAH; in 2007 – 518,5 UAH; in 2008 – 607,5 UAH; in 2009 – 638,5 UAH; 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; in 2016 – 1388,08 UAH

⁴ Actual subsistence line: in 2014 – 1357,58 UAH; in 2015 – 2257,0 UAH; in 2016 – 2642,38 UAH

INCOME AND LIVING CONDITIONS

4.7. Households, by size and number of children

(percent)

	2010			2015			2016		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
All households	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including households consisting of									
one person	23,5	23,0	24,7	20,3	19,1	22,7	19,7	18,2	22,6
two persons	28,3	28,5	27,9	32,5	33,2	30,9	32,3	33,4	30,0
three persons	25,4	28,1	19,1	25,9	28,7	20,2	26,9	29,6	21,4
four persons	14,4	14,3	14,6	13,7	13,7	13,9	14,5	14,4	14,9
five and more persons	8,4	6,1	13,7	7,6	5,3	12,3	6,6	4,4	11,1
Average household size, persons	2,59	2,54	2,71	2,59	2,54	2,68	2,58	2,54	2,67
Percentage of households with children aged under 18	37,8	38,6	36,1	38,2	39,5	35,4	38,2	40,0	34,5
Percentage of households without children	62,2	61,4	63,9	61,8	60,5	64,6	61,8	60,0	65,5
Of total households, percentage of households with children aged									
under 3	7,8	8,3	6,8	8,0	8,0	7,9	8,0	8,6	6,8
under 7	17,5	18,7	15,0	18,9	19,7	17,2	18,4	19,6	16,1
under 14	29,6	30,6	27,6	30,9	32,7	27,3	32,0	33,7	28,4
under 16	33,7	34,6	31,9	35,0	36,6	31,7	35,3	36,9	31,9

4.8. Households with children, by number of children

(percent)

	2010			2015			2016		
	all households	including by areas		all households	including by areas		all households	including by areas	
		urban	rural		urban	rural		urban	rural
All households with children	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including households with									
one child	73,5	78,8	60,8	75,7	78,4	69,4	76,0	80,3	65,7
two children	23,5	19,7	32,5	21,2	19,7	24,6	21,4	17,8	30,0
three children	2,5	1,4	5,3	2,6	1,6	5,0	2,3	1,8	3,6
four or more children	0,5	0,1	1,4	0,5	0,3	1,0	0,3	0,1	0,7

INCOME AND LIVING CONDITIONS

4.9. Population, by per capita equivalent money income

(percent)

	2010			2015			2016		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total population	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Monthly average per capita equivalent money income, UAH									
under 480,0	1,9	0,8	4,4	0,2	0,1	0,4	0,0	0,0	0,1
480,1–840,0	13,5	9,5	22,1	2,5	1,6	4,1	1,1	0,6	2,1
840,1–1200,0	29,4	26,5	35,2	7,4	6,2	9,7	4,5	3,6	6,3
1200,1–1560,0	23,1	24,2	20,6	17,5	15,9	20,5	11,5	9,9	14,5
1560,1–1920,0	13,6	15,4	10,0	19,6	18,2	22,5	17,5	15,7	21,1
1920,1–2280,0	18,5 ¹	23,6 ¹	7,7 ¹	16,3	16,7	15,7	16,3	15,6	17,5
2280,1–2640,0	12,4	13,7	9,8	13,9	14,9	12,0
2640,1–3000,0	8,6	9,6	6,6	9,3	10,1	7,7
3000,1–3360,0	5,2	5,9	4,0	8,0	8,5	7,0
3360,1–3720,0	3,5	3,8	2,8	5,4	6,3	3,6
over 3720,0	6,8	8,3	3,9	12,5	14,8	8,1
Quintile differentiation coefficient of cash income of the population, times	2,1	2,1	1,9	2,0	2,0	1,8	2,0	2,0	2,0
Ratio of money income richest and poorest 20% population (quintile coefficient for funds), times	4,0	3,8	3,6	3,5	3,5	3,3	3,4	3,5	3,2
Share of the population with per capita average equivalent money income per month, lower									
legislatively established subsistence line ²	15,6	10,3	26,5	11,1	8,7	15,9	10,2	8,4	13,8
actual subsistence line ³	62,6	57,6	72,4	65,0	60,6	73,6

¹ Over 1920 UAH

² In 2010, 843,17 UAH; in 2015, 1227,33 UAH, in 2016, 1388,08 UAH

³ In 2015, 2257,0 UAH; in 2016, 2642,38 UAH

INCOME AND LIVING CONDITIONS

4.10. Households, by per capita equivalent money income

(percent)

	2010			2015			2016		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
All households	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Monthly average per capita equivalent money income, UAH									
under 480,0	1,6	0,7	3,6	0,1	0,1	0,3	0,1	0,0	0,1
480,1–840,0	11,4	8,4	18,2	2,1	1,6	3,2	1,0	0,6	1,9
840,1–1200,0	30,1	26,8	37,3	6,1	5,2	7,8	3,8	3,1	5,1
1200,1–1560,0	22,7	23,6	20,8	17,7	15,7	21,7	11,5	10,3	14,1
1560,1–1920,0	13,6	15,0	10,7	19,1	17,9	21,8	17,2	15,2	21,5
1920,1–2280,0	20,6 ¹	25,5 ¹	9,4 ¹	16,4	16,5	16,4	15,8	15,1	17,4
2280,1–2640,0	12,4	13,6	9,8	13,6	14,6	11,5
2640,1–3000,0	8,5	9,2	6,7	9,4	10,0	7,9
3000,1–3360,0	5,5	6,2	4,1	7,8	8,0	7,3
3360,1–3720,0	3,8	4,1	3,1	5,6	6,6	3,7
over 3720,0	8,3	9,9	5,1	14,2	16,5	9,5
Share of the households with per capita average equivalent money income per month, lower									
legislatively established subsistence line ²	13,3	9,3	22,0	9,4	7,7	13,0	9,3	7,9	12,2
actual subsistence line ³	60,7	55,8	64,5	63,1	59,0	71,6

¹ See the first footnote to Table 4.9

² See the second footnote to Table 4.9

³ See the third footnote to Table 4.9

INCOME AND LIVING CONDITIONS

4.11. Households in 2016, by per capita equivalent money income, household size and number of children

(percent)

	All households	Monthly average per capita equivalent money income, UAH					
		under 480,0	480,1–840,0	840,1–1200,0	1200,1–1560,0	1560,1–1920,0	1920,1–2280,0
All households	100,0	0,1	1,0	3,8	11,5	17,2	15,8
Breakdown by level of average per capita equivalent money income of households consisting of							
one person	100,0	0,1	1,1	2,7	18,0	18,6	14,2
two persons	100,0	0,0	0,7	2,1	7,0	16,6	15,8
three persons	100,0	0,1	0,8	4,1	10,4	15,6	15,3
four persons	100,0	0,0	1,9	7,0	12,4	17,6	18,5
five persons and more	100,0	—	1,3	6,9	16,7	22,8	17,1
All households with children	100,0	0,0	1,3	6,1	13,3	18,4	17,2
Breakdown by level of average per capita equivalent money income of households with							
one child	100,0	0,0	0,9	5,3	12,2	17,9	17,0
two children	100,0	0,0	2,5	7,7	17,0	18,8	17,5
three children	100,0	—	3,7	15,6	14,3	25,9	21,7
four or more children	100,0	—	6,0	12,3	20,7	29,6	8,8

Table 4.11 continued

	Monthly average per capita equivalent money income, UAH						
	2280,1–2640,0	2640,1–3000,0	3000,1–3360,0	3360,1–3720,0	over 3720,0	for reference: under	
						1388,08 UAH ¹	2642,38 UAH ²
All households	13,6	9,4	7,8	5,6	14,2	9,3	63,1
Breakdown by level of average per capita equivalent money income of households consisting of							
one person	10,8	8,3	6,0	3,8	16,4	10,6	65,5
two persons	13,9	10,4	8,3	7,2	18,0	4,9	56,2
three persons	14,9	9,6	8,5	7,5	13,2	10,0	61,5
four persons	15,1	7,9	9,0	2,3	8,3	13,4	72,7
five persons and more	11,3	9,6	5,0	3,5	5,8	15,0	76,1
All households with children	14,4	8,4	6,9	4,2	9,8	13,0	70,8
Breakdown by level of average per capita equivalent money income of households with							
one child	15,2	8,7	7,5	4,7	10,6	11,2	68,6
two children	11,9	7,6	5,7	3,2	8,1	17,7	75,6
three children	13,2	4,3	0,9	0,4	—	26,3	94,5
four or more children	4,8	15,7	2,1	—	—	23,1	82,1

¹ The size of the legislatively established subsistence line in 2016

² The size of the actual subsistence line in 2016

INCOME AND LIVING CONDITIONS

4.12. Structure of household money expenditure

(average monthly per one household)

	2010			2015			2016		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total money expenditure, UAH	2773,1	3002,6	2259,0	4448,7	4742,9	3846,7	4948,6	5285,9	4256,3
	Percent								
Consumption money expenditure	89,2	92,0	81,0	91,9	94,5	85,3	91,5	93,8	85,7
food products (including catering outside home, alcoholic beverages and tobacco)	53,5	55,2	48,2	54,8	56,8	49,8	53,1	54,4	49,5
manufactured goods and services	35,7	36,8	32,8	37,1	37,7	35,5	38,4	39,4	36,2
Monetary support to relatives, friends and other persons	3,6	3,0	5,1	2,9	2,4	4,0	3,2	2,9	4,1
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	7,2	5,0	13,9	5,2	3,1	10,7	5,3	3,3	10,2

4.13. Structure of household money expenditure, by household size

(average monthly per one household)

	2015						2016					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total money expenditure, UAH	4448,7	2440,2	4040,7	5198,5	5657,6	6830,0	4948,6	2686,5	4493,1	5760,0	6434,5	7336,2
	Percent											
Consumption money expenditure	91,9	92,1	90,6	92,5	93,1	91,1	91,5	92,3	88,6	92,9	93,2	91,6
food products (including catering outside home, alcoholic beverages and tobacco)	54,8	57,5	55,5	54,4	53,6	53,5	53,1	56,3	52,3	52,8	53,1	52,0
manufactured goods and services	37,1	34,6	35,1	38,1	39,5	37,6	38,4	36,0	36,3	40,1	40,1	39,6
Monetary support to relatives, friends and other persons	2,9	3,4	4,1	2,3	2,0	2,1	3,2	3,4	5,5	2,1	2,0	2,0
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	5,2	4,5	5,3	5,2	4,9	6,8	5,3	4,3	5,9	5,0	4,8	6,4

INCOME AND LIVING CONDITIONS

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

(average monthly per one household)

	2015					2016				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total money expenditure, UAH	5516,2	5379,2	5906,2	6163,5	6286,6	6142,5	5914,7	6894,4	6455,9	7769,7
	Percent									
Consumption money expenditure	93,3	93,1	94,4	90,9	92,9	93,6	93,4	94,1	94,3	92,4
food products (including catering outside home, alcoholic beverages and tobacco)	54,3	54,5	54,5	50,5	54,6	53,2	53,3	52,3	59,6	54,6
manufactured goods and services	39,0	38,6	39,9	40,4	38,3	40,4	40,1	41,8	34,7	37,8
Monetary support to relatives, friends and other persons	1,8	1,8	1,5	4,3	1,2	1,9	2,0	1,6	1,1	1,2
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	4,9	5,1	4,1	4,8	5,9	4,5	4,6	4,3	4,6	6,4

4.15. Structure of household money expenditure in 2016, by different per capita equivalent money income

(average monthly per one household)

	All households	Monthly average per capita equivalent money income, UAH					
		under 480,0	480,1–840,0	840,1–1200,0	1200,1–1560,0	1560,1–1920,0	1920,1–2280,0
Total money expenditure, UAH	4948,6	1166,9	2094,8	3029,6	3138,8	3629,7	4340,0
	Percent						
Consumption money expenditure		91,5	97,3	94,9	95,1	92,5	93,5
food products (including catering outside home, alcoholic beverages and tobacco)		53,1	73,0	64,6	62,8	59,8	56,8
manufactured goods and services		38,4	24,3	30,3	32,3	32,7	36,7
Monetary support to relatives, friends and other persons		3,2	0,1	0,5	0,9	2,1	2,1
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)		5,3	2,6	4,6	4,0	5,4	4,4

INCOME AND LIVING CONDITIONS

Table 4.15 continued

	Monthly average per capita equivalent money income, UAH						
	2280,1–2640,0	2640,1–3000,0	3000,1–3360,0	3360,1–3720,0	over 3720,0	for reference: under	
						1388,08 UAH ¹	2642,38 UAH ²
Total money expenditure, UAH	5115,5	5333,6	6106,8	6357,1	7831,4	2922,6	3979,3
		Percent					
Consumption money expenditure	93,4	88,7	90,4	91,5	88,6	94,7	93,6
food products (including							
catering outside home,							
alcoholic beverages							
and tobacco)	55,3	50,8	50,5	51,0	45,9	61,9	57,5
manufactured goods							
and services	38,1	37,9	39,9	40,5	42,7	32,8	36,1
Monetary support to relatives,							
friends and other persons	2,5	6,9	3,4	3,2	3,8	1,2	2,1
Other expenditure (on personal							
subsistence farms, purchase							
of shares and certificates, bank							
deposits, alimony, housing							
construction, etc)	4,1	4,4	6,2	5,3	7,6	4,1	4,3

¹ See the first footnote to Table 4.11

² See the second footnote to Table 4.11

4.16. Population, by total per capita equivalent income

(percent)

	2010			2015			2016		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total population	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Monthly average per capita equivalent									
total income, UAH									
under 480,0	0,7	0,3	1,3	0,1	0,0	0,2	0,0	0,0	0,0
480,1–840,0	8,0	6,4	11,3	0,9	0,7	1,2	0,3	0,2	0,5
840,1–1200,0	26,0	24,2	29,6	4,8	4,5	5,2	1,6	1,7	1,5
1200,1–1560,0	27,0	26,5	28,4	11,3	11,7	10,6	5,0	5,3	4,5
1560,1–1920,0	16,4	16,8	15,8	18,2	18,5	17,8	11,5	11,7	11,3
1920,1–2280,0	21,9 ¹	25,8 ¹	13,6 ¹	17,6	17,2	18,6	16,0	15,7	16,8
2280,1–2640,0	15,9	15,9	16,0	16,4	16,1	17,0
2640,1–3000,0	11,4	11,0	12,2	13,6	13,4	14,2
3000,1–3360,0	6,7	6,6	7,0	10,0	9,7	10,0
3360,1–3720,0	4,4	4,4	4,2	7,9	7,9	7,5
over 3720,0	8,7	9,5	7,0	17,7	18,3	16,7
Quintile differentiation coefficient									
of total income of the population, times	1,9	2,0	1,8	1,9	1,9	1,8	1,9	1,9	1,8
Ratio of total income richest									
and poorest 20% population (quintile									
coefficient for funds), times	3,6	3,7	3,2	3,2	3,3	3,1	3,0	3,2	2,8
Share of the population with per capita									
average equivalent total income per									
month, lower									
legislatively established subsistence line ²	8,8	6,9	12,9	6,4	5,8	7,7	3,8	3,8	3,9
actual subsistence line ³	51,9	51,4	52,9	51,1	50,8	51,7

¹ See the first footnote to Table 4.9

² See the second footnote to Table 4.9

³ See the third footnote to Table 4.9

INCOME AND LIVING CONDITIONS

4.17. Households, by total per capita equivalent income

(percent)

	2010			2015			2016		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
All households	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Monthly average per capita equivalent total income, UAH									
under 480,0	0,6	0,3	1,1	0,0	0,0	0,1	0,0	0,0	0,0
480,1–840,0	6,4	5,5	8,7	0,7	0,7	0,8	0,2	0,2	0,4
840,1–1200,0	25,1	24,1	27,6	3,9	3,8	4,1	1,5	1,5	1,4
1200,1–1560,0	26,8	25,6	29,4	10,5	10,8	9,7	4,4	4,6	3,9
1560,1–1920,0	16,8	16,6	17,0	17,4	17,8	16,6	10,9	11,1	10,5
1920,1–2280,0	24,3 ¹	27,9 ¹	16,2 ¹	17,8	17,3	18,9	15,2	15,0	15,4
2280,1–2640,0	15,9	15,7	16,3	15,9	15,7	16,5
2640,1–3000,0	11,2	10,8	12,2	13,4	13,5	13,4
3000,1–3360,0	7,3	7,1	7,7	10,2	9,7	10,9
3360,1–3720,0	4,9	4,8	4,9	8,2	8,2	8,2
over 3720,0	10,4	11,2	8,7	20,1	20,5	19,4
Share of the households with per capita average equivalent money income per month, lower									
legislatively established subsistence line ²	7,1	5,9	9,9	5,1	4,9	5,7	3,3	3,3	3,4
actual subsistence line ³	49,3	49,2	49,9	48,2	48,2	48,2

¹ See the first footnote to Table 4.9

² See the second footnote to Table 4.9

³ See the third footnote to Table 4.9

INCOME AND LIVING CONDITIONS

4.18. Households in 2016, by total per capita equivalent income, household size and number of children

(percent)

	All households	Monthly average per capita equivalent total income, UAH					
		under 480,0	480,1–840,0	840,1–1200,0	1200,1–1560,0	1560,1–1920,0	1920,1–2280,0
All households	100,0	0,0	0,2	1,5	4,4	10,9	15,2
Breakdown by level of average per capita equivalent total income of households consisting of							
one person	100,0	0,0	0,2	1,8	4,6	10,3	14,3
two persons	100,0	—	0,2	0,9	2,0	8,8	13,2
three persons	100,0	—	0,3	1,2	4,9	11,4	14,9
four persons	100,0	0,0	0,4	3,1	6,1	15,3	18,1
five persons and more	100,0	—	0,1	1,4	9,0	11,4	21,8
All households with children	100,0	0,0	0,3	2,1	6,8	14,0	18,5
Breakdown by level of average per capita equivalent total income of households with							
one child	100,0	—	0,2	1,8	5,7	12,6	18,3
two children	100,0	0,0	0,5	2,9	10,0	17,6	18,9
three children	100,0	—	3,1	2,2	14,5	23,7	17,4
four or more children	100,0	—	3,4	4,4	7,3	23,2	28,0

Table 4.18 continued

	Monthly average per capita equivalent total income, UAH						for reference: under	
	2280,1–2640,0	2640,1–3000,0	3000,1–3360,0	3360,1–3720,0	over 3720,0		1388,08 UAH ¹	2642,38 UAH ²
All households	15,9	13,4	10,2	8,2	20,1	3,3	48,2	
Breakdown by level of average per capita equivalent total income of households consisting of								
one person	14,2	13,1	9,7	7,5	24,3	3,5	45,5	
two persons	15,5	12,7	11,7	9,7	25,3	1,6	40,7	
three persons	16,3	14,6	9,2	8,8	18,4	3,1	49,0	
four persons	16,7	12,4	10,8	5,9	11,2	7,0	60,0	
five persons and more	19,5	15,2	6,7	5,4	9,5	4,4	63,2	
All households with children	17,0	14,0	8,3	6,4	12,6	5,3	58,7	
Breakdown by level of average per capita equivalent total income of households with								
one child	17,1	14,7	9,2	6,9	13,5	4,4	55,7	
two children	16,3	11,7	5,5	5,7	10,9	7,9	66,4	
three children	24,0	9,8	3,7	0,4	1,2	11,7	84,9	
four and more children	11,5	5,7	12,1	3,1	1,3	13,5	77,8	

¹ See the first footnote to Table 4.11

² See the second footnote to Table 4.11

INCOME AND LIVING CONDITIONS

4.19. Structure of total household expenditure

(average monthly per one household)

	2010			2015			2016		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total expenditure, UAH	3072,7	3209,8	2765,6	4952,0	5076,8	4696,6	5720,4	5813,8	5528,5
	Percent								
Total consumer expenditure	90,0	91,0	87,4	92,9	93,9	90,9	93,2	94,0	91,5
food products (including catering outside home, alcoholic beverages and tobacco)	56,7	55,6	59,9	57,9	57,0	60,0	54,3	53,4	56,6
manufactured goods and services	33,3	35,4	27,5	35,0	36,9	30,9	38,9	40,6	34,9
payment for housing, communal products and services	7,6	8,6	4,9	10,2	11,4	7,4	14,7	15,7	12,5
of which									
sum of benefits and subsidies	0,6	0,6	0,5	1,4	1,3	1,6	5,1	4,3	6,9
Non-consumption total expenditure	10,0	9,0	12,6	7,1	6,1	9,1	6,8	6,0	8,5

4.20. Structure of total household expenditure, by household size

(average monthly per one household)

	2015						2016					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total expenditure, UAH	4952,0	2751,0	4510,6	5695,9	6281,7	7794,5	5720,4	3212,3	5171,1	6501,8	7423,6	8941,6
	Percent											
Total consumer expenditure	92,9	93,3	91,5	93,1	94,4	93,6	93,2	94,1	90,4	94,1	94,8	94,7
food products (including catering outside home, alcoholic beverages and tobacco)	57,9	59,6	57,8	57,1	57,6	59,3	54,3	55,7	52,9	54,4	54,9	57,1
manufactured goods and services	35,0	33,7	33,7	36,0	36,8	34,3	38,9	38,4	37,5	39,7	39,9	37,6
payment for housing, communal products and services	10,2	12,6	11,0	9,7	9,3	8,1	14,7	18,1	15,8	14,0	13,6	11,5
of which												
sum of benefits and subsidies	1,4	2,6	1,7	0,9	1,0	1,2	5,1	8,2	5,4	4,0	4,8	4,7
Non-consumption total expenditure	7,1	6,7	8,5	6,9	5,6	6,4	6,8	5,9	9,6	5,9	5,2	5,3

INCOME AND LIVING CONDITIONS

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

(average monthly per one household)

	2015					2016				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total expenditure, UAH	6100,4	5924,3	6555,9	7252,1	7397,5	7067,9	6776,6	7991,8	7732,5	9750,2
	Percent									
Total consumer expenditure	94,1	93,8	95,3	93,2	95,9	94,8	94,5	95,8	96,8	94,9
food products (including catering outside home, alcoholic beverages and tobacco)	57,8	57,5	58,3	57,1	61,6	54,9	54,3	55,5	64,0	58,8
manufactured goods and services	36,3	36,3	37,0	36,1	34,3	39,9	40,2	40,3	32,8	36,1
payment for housing, communal products and services	9,5	9,7	9,0	9,7	6,7	13,8	14,2	13,0	11,2	9,2
of which										
sum of benefits and subsidies	0,9	0,9	0,8	1,4	1,6	4,4	4,6	4,1	3,5	4,5
Non-consumption total expenditure	5,9	6,2	4,7	6,8	4,1	5,2	5,5	4,2	3,2	5,1

4.22. Structure of total household expenditure in 2016, by different total per capita equivalent income

(average monthly per one household)

	All households	Monthly average per capita equivalent total income, UAH					
		under 480,0	480,1–840,0	840,1–1200,0	1200,1–1560,0	1560,1–1920,0	1920,1–2280,0
Total expenditure, UAH	5720,4	1739,7	1956,4	2954,1	3785,1	4017,0	4617,5
	Percent						
Total consumer expenditure	93,2	99,4	98,5	98,7	94,2	97,4	96,9
food products (including catering outside home, alcoholic beverages and tobacco)	54,3	57,6	67,1	65,2	61,9	61,0	60,0
manufactured goods and services	38,9	41,8	31,4	33,5	32,3	36,4	36,9
payment for housing, communal products and services	14,7	7,4	15,1	13,8	14,2	16,4	15,6
of which							
sum of benefits and subsidies	5,1	—	1,2	4,1	3,6	5,6	5,1
Non-consumption total expenditure	6,8	0,6	1,5	1,3	5,8	2,6	3,1

INCOME AND LIVING CONDITIONS

Table 4.22 continued

	Monthly average per capita equivalent total income, UAH						
	2280,1–2640,0	2640,1–3000,0	3000,1–3360,0	3360,1–3720,0	over 3720,0	for reference: under	
						1388,08 UAH ¹	2642,38 UAH ²
Total expenditure, UAH	5232,4	5803,8	6055,0	6497,2	7993,4	3201,4	4546,1
	Percent						
Total consumer expenditure	95,4	92,8	92,9	92,9	89,5	98,2	96,3
food products (including catering outside home, alcoholic beverages and tobacco)	57,4	54,5	53,4	52,8	48,5	63,8	59,6
manufactured goods and services	38,0	38,3	39,5	40,1	41,0	34,4	36,7
payment for housing, communal products and services	15,5	15,3	15,0	14,3	13,2	14,2	15,6
of which							
sum of benefits and subsidies	6,0	6,2	6,3	4,9	3,7	3,4	5,4
Non-consumption total expenditure	4,6	7,2	7,1	7,1	10,5	1,8	3,7

¹ See the first footnote to Table 4.11

² See the second footnote to Table 4.11

4.23. Structure of household expenditure in 2016, by basic consumption expenditure

(average monthly per one household)

	Total expenditure			Money expenditure		
	all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural
Total expenditure, UAH	5720,4	5813,8	5528,5	4948,6	5285,9	4256,3
	Percent					
Consumption expenditure	93,2	94,0	91,5	91,5	93,8	85,7
food goods and non-alcoholic beverages	49,8	48,4	53,0	47,8	49,0	45,0
alcohol	1,1	1,3	0,9	1,3	1,4	1,0
tobacco	1,8	1,8	1,8	2,1	1,9	2,3
clothing and footwear	5,6	5,4	5,7	6,3	5,9	7,4
housing, water, electricity, gas and other fuel	16,0	16,6	14,8	12,6	13,6	10,3
furniture, personal effects, household appliances and daily household services	1,7	1,7	1,7	2,0	1,9	2,2
health care	4,2	4,0	4,6	4,7	4,2	5,8
transport	3,6	3,9	2,9	3,9	4,0	3,7
communications	2,3	2,6	1,8	2,7	2,8	2,4
recreation and culture	1,4	1,7	0,7	1,6	1,9	0,9
education	1,0	1,2	0,5	1,1	1,3	0,7
hotels, cafes and restaurants	2,2	2,7	1,1	2,5	2,9	1,4
other goods and services	2,5	2,7	2,0	2,9	3,0	2,6

INCOME AND LIVING CONDITIONS

4.24. Structure of household money income

(average monthly per one household)

	2010			2015			2016		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total money income, UAH	3126,4	3358,1	2607,4	4676,0	4851,8	4316,4	5367,5	5596,9	4896,7
	Percent								
Labour remuneration	53,0	58,0	38,9	52,8	58,0	41,0	54,3	60,1	40,6
Income from entrepreneurship and self-employment	6,8	7,2	5,7	6,1	6,5	5,3	6,0	6,1	5,8
Income from sales of agricultural products	3,8	0,5	13,2	3,8	0,5	11,5	3,5	0,5	10,3
Cash pensions, stipends and benefits	28,8	26,7	34,7	28,3	26,9	31,4	26,8	25,1	30,9
Monetary support from relatives and other individuals and other money income	7,6	7,6	7,5	9,0	8,1	10,8	9,4	8,2	12,4

4.25. Structure of household money income, by household size

(average monthly per one household)

	2015						2016					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total cash income, UAH	4676,0	2292,1	4256,5	5452,4	6098,2	7636,6	5367,5	2644,7	4841,0	6219,9	7157,3	8637,3
	Percent											
Labour remuneration	52,8	29,7	42,8	64,5	62,3	53,2	54,3	32,5	43,6	66,1	64,5	50,1
Income from entrepreneurship and self-employment	6,1	2,7	4,6	7,5	7,3	7,5	6,0	3,1	5,3	6,5	5,7	9,9
Income from sales of agricultural products	3,8	3,5	4,2	3,3	3,4	5,1	3,5	2,9	3,4	3,3	3,4	4,9
Cash pensions, stipends and benefits	28,3	45,8	39,3	16,5	19,9	28,3	26,8	42,6	38,6	15,6	19,1	27,4
Monetary support from relatives and other individuals and other money income	9,0	18,3	9,1	8,2	7,1	5,9	9,4	18,9	9,1	8,5	7,3	7,7

INCOME AND LIVING CONDITIONS

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

(average monthly per one household)

	2015					2016				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total cash income, UAH	5708,6	5542,2	6175,0	6489,2	6999,6	6615,4	6343,7	7506,1	6957,8	9286,3
	Percent									
Labour remuneration	61,9	64,6	57,2	41,2	24,3	63,4	66,3	56,5	47,8	36,6
Income from entrepreneurship and self-employment	8,1	7,5	9,8	10,9	4,1	7,3	6,1	11,0	7,5	1,4
Income from sales of agricultural products	3,6	3,5	3,3	6,5	3,7	3,0	2,8	3,5	3,0	4,8
Cash pensions, stipends and benefits	17,2	15,1	20,6	34,4	61,1	16,7	15,3	18,9	33,7	48,4
Monetary support from relatives and other individuals and other money income	9,2	9,3	9,1	7,0	6,8	9,6	9,5	10,1	8,0	8,8

4.27. Structure of household money income in 2016, by different money per capita equivalent income

(average monthly per one household)

	All households	Monthly average per capita equivalent money income, UAH					
		under 480,0	480,1–840,0	840,1–1200,0	1200,1–1560,0	1560,1–1920,0	1920,1–2280,0
Total money income, UAH	5367,5	649,2	1612,7	2564,8	2963,7	3739,1	4522,8
	Percent						
Labour remuneration	54,3	15,8	49,4	40,9	41,2	40,4	48,5
Income from entrepreneurship and self-employment	6,0	—	0,1	2,3	1,9	5,2	3,1
Income from sales of agricultural products	3,5	3,6	2,0	5,1	3,3	3,4	3,1
Cash pensions, stipends and benefits	26,8	44,9	34,2	37,8	44,9	41,2	35,4
Monetary support from relatives and other individuals and other money income	9,4	35,7	14,3	13,9	8,7	9,8	9,9

INCOME AND LIVING CONDITIONS

Table 4.27 continued

	Monthly average per capita equivalent money income, UAH						
	2280,1–2640,0	2640,1–3000,0	3000,1–3360,0	3360,1–3720,0	over 3720,0	for reference: under	
						1388,08 UAH ¹	2642,38 UAH ²
Total money income, UAH	5291,8	5884,7	6780,6	7155,6	9533,1	2566,4	4024,3
	Percent						
Labour remuneration	54,6	58,4	57,2	58,9	64,0	43,6	46,9
Income from entrepreneurship and self-employment	6,3	3,3	5,3	6,3	10,7	1,4	4,3
Income from sales of agricultural products	3,7	4,0	4,0	3,6	3,0	3,8	3,5
Cash pensions, stipends and benefits	26,6	25,4	23,7	22,6	13,0	40,0	35,8
Monetary support from relatives and other individuals and other money income	8,8	8,9	9,8	8,6	9,3	11,2	9,5

¹ See the first footnote to Table 4.11

² See the second footnote to Table 4.11

4.28. Structure of household total resources

(average monthly per one household)

	2010			2015			2016		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total resources, UAH	3469,1	3605,1	3164,6	5231,7	5228,6	5238,0	6238,8	6229,3	6258,4
	Percent								
Money income	90,1	93,1	82,4	89,4	92,8	82,4	86,0	89,8	78,2
labour remuneration	47,9	54,1	32,0	47,2	53,8	33,7	46,7	54,1	31,8
income from entrepreneurship and self-employment	6,2	6,8	4,8	5,5	6,0	4,4	5,2	5,5	4,5
income from sales of agricultural products	3,4	0,5	10,9	3,4	0,4	9,5	2,9	0,5	8,1
cash pensions, stipends and benefits	25,9	24,8	28,5	25,2	25,0	25,9	23,1	22,4	24,2
monetary support from relatives and other individuals and other money income	6,7	6,9	6,2	8,1	7,6	8,9	8,1	7,3	9,6
Value of consumed products that were produced at private subsistence farms or individually procured	4,8	1,7	12,9	5,1	1,6	12,2	4,8	1,6	11,6
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,5	0,6	0,4	1,3	1,2	1,5	4,7	4,0	6,1
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and communication services	0,5	0,5	0,2	0,4	0,5	0,1	0,4	0,5	0,1
Other receipts	4,1	4,1	4,1	3,8	3,9	3,8	4,1	4,1	4,0

INCOME AND LIVING CONDITIONS

4.29. Structure of household total resources, by household size

(average monthly per one household)

	2015						2016					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Total resources, UAH	5231,7	2644,5	4756,3	6004,6	6808,9	8708,2	6238,8	3217,1	5668,9	7056,7	8223,7	10321,1
	Percent											
Money income	89,4	86,7	89,6	90,8	89,7	87,7	86,0	82,2	85,4	88,2	87,1	83,7
labour remuneration	47,2	25,8	38,4	58,6	55,9	46,6	46,7	26,7	37,3	58,3	56,2	42,0
income from entrepreneurship and self-employment	5,5	2,3	4,1	6,8	6,6	6,5	5,2	2,5	4,5	5,8	5,1	8,3
income from sales of agricultural products	3,4	3,0	3,8	3,0	3,0	4,5	2,9	2,4	2,9	2,9	2,9	4,1
cash pensions, stipends and benefits	25,2	39,7	35,1	15,0	17,9	24,9	23,1	35,1	32,9	13,7	16,7	22,9
monetary support from relatives and other individuals and other money income	8,1	15,9	8,2	7,4	6,3	5,2	8,1	15,5	7,8	7,5	6,2	6,4
Value of consumed products that were produced at private subsistence farms or individually procured	5,1	5,0	5,0	4,1	5,2	7,6	4,8	4,7	4,5	3,9	4,8	8,7
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	1,3	2,7	1,6	0,8	0,8	1,0	4,7	8,1	4,9	3,7	4,3	4,1
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and communication services	0,4	0,5	0,5	0,2	0,3	0,3	0,4	0,4	0,5	0,3	0,3	0,3
Other receipts	3,8	5,1	3,3	4,1	4,0	3,4	4,1	4,6	4,7	3,9	3,5	3,2

INCOME AND LIVING CONDITIONS

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

(average monthly per one household)

	2015					2016				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Total resources, UAH	6358,8	6131,8	6950,1	7801,9	8059,6	7613,2	7279,7	8672,5	8288,0	11343,3
	Percent									
Money income	89,8	90,4	88,8	83,2	86,8	86,9	87,1	86,6	84,0	81,9
labour remuneration	55,6	58,4	50,8	34,2	21,1	55,1	57,8	48,9	40,2	29,9
income from entrepreneurship and self- employment	7,3	6,8	8,7	9,1	3,5	6,3	5,2	9,5	6,4	1,1
income from sales of agricultural products	3,2	3,2	3,0	5,4	3,1	2,6	2,5	3,1	2,6	3,9
cash pensions, stipends and benefits	15,5	13,6	18,2	28,6	53,2	14,5	13,3	16,3	28,3	39,7
monetary support from relatives and other individuals and other money income	8,2	8,4	8,1	5,9	5,9	8,4	8,3	8,8	6,5	7,3
Value of consumed products that were produced at private subsistence farms or individually procured	4,9	4,6	5,2	8,9	8,6	4,9	4,5	5,6	8,6	9,8
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,9	0,8	0,8	1,4	1,5	4,1	4,3	3,7	3,3	3,9
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and communication services	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,4	1,3
Other receipts	4,1	3,9	4,9	6,2	2,8	3,8	3,8	3,8	3,7	3,1

INCOME AND LIVING CONDITIONS

**4.31. Structure of household total resources in 2016,
by different total per capita equivalent income**

(average monthly per one household)

	All house- holds	Monthly average per capita equivalent total income, UAH													
		under 480,0	480,1– 840,0	840,1– 1200,0	1200,1– 1560,0	1560,1– 1920,0	1920,1– 2280,0	2280,1– 2640,0	2640,1– 3000,0	3000,1– 3360,0	3360,1– 3720,0	over 3720,0	for reference: under		
													1388,08 UAH ¹	2642,38 UAH ²	
Total resources, UAH		6238,8	1548,3	1830,1	2470,7	3577,3	3934,1	4730,7	5425,9	6267,1	6648,0	7327,8	9512,6	2839,6	4592,1
		Percent													
Money income		86,0	40,0	78,6	82,4	81,5	85,6	85,5	84,7	82,3	85,1	86,0	89,3	83,0	84,9
labour remune- ration		46,7	12,6	32,7	32,9	40,2	37,2	41,8	43,3	44,1	47,5	49,9	52,8	37,9	41,3
income from entre- preneurship and self- employment		5,2	0,0	0,0	1,0	2,3	3,1	3,5	4,7	3,4	4,9	3,5	8,4	3,0	3,8
income from sales of agricultural products		2,9	0,0	1,2	1,6	2,0	1,9	2,1	3,2	2,6	2,7	3,2	3,8	1,2	2,4
cash pensions, stipends and benefits		23,1	8,1	29,6	34,8	29,3	34,8	30,9	26,1	24,1	23,6	21,7	15,1	29,9	29,8
monetary support from relatives and other indivi- duals and other money income		8,1	19,3	15,1	12,1	7,7	8,6	7,2	7,4	8,1	6,4	7,7	9,2	11,0	7,6
Value of consumed products that were produced at private subsistence farms or individually procured		4,8	0,3	6,5	7,0	5,8	5,8	5,8	5,4	5,4	5,3	5,2	3,7	6,1	5,6
Non-cash benefits and subsidies to pay for housing and communal utilities, ener- gy and fuel		4,7	0,0	1,3	4,9	3,8	5,7	5,0	5,8	5,8	5,7	4,4	3,2	3,9	5,3
Non-cash benefits to pay for goods and environmental services, travel services, places in recreation centers, etc as well as to pay for transport and commu- nication services		0,4 4,1	0,0 59,7	0,6 13,0	0,4 5,3	0,2 8,7	0,3 2,6	0,2 3,5	0,4 3,7	0,3 6,2	0,6 3,3	0,4 4,0	0,4 3,4	0,3 6,7	0,3 3,9
Other receipts															

¹ See the first footnote to Table 4.11

² See the second footnote to Table 4.11

INCOME AND LIVING CONDITIONS

4.32. Foodstuffs consumed by households

(average monthly per capita; kg)

	2010			2015			2016		
	all house- holds	including by areas		all house- holds	including by areas		all house- holds	including by areas	
		in urban	in rural		in urban	in rural		in urban	in rural
Meat and meat products	5,1	5,5	4,2	4,6	4,9	4,0	4,7	4,9	4,2
Milk and dairy products	19,1	18,9	19,6	19,8	19,6	20,2	19,6	19,3	20,3
Eggs, pcs	20	21	18	19	20	18	19	20	19
Fish and fish products	1,8	1,8	1,7	1,2	1,3	1,2	1,2	1,3	1,2
Sugar	3,0	2,9	3,3	2,8	2,7	3,1	2,7	2,5	3,0
Sunflower-seed oil and other vegetables oils	1,8	1,8	1,8	1,6	1,6	1,6	1,5	1,5	1,6
Potatoes	7,6	6,4	10,0	6,6	5,6	8,8	6,7	5,6	8,6
Vegetables, melons and gourds	9,5	9,4	9,8	8,8	8,7	8,9	9,2	9,1	9,4
Fruit, berries, nuts and grapes	3,7	4,4	2,3	3,1	3,6	2,2	3,3	3,8	2,4
Bread and bakery products	9,3	8,5	11,0	8,5	7,8	9,8	8,3	7,6	9,7

4.33. Foodstuffs consumed by households, by household size

(average monthly per capita; kg)

	2015						2016					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Meat and meat products	4,6	5,8	5,4	4,6	3,9	3,5	4,7	6,0	5,4	4,6	4,1	3,7
Milk and dairy products	19,8	28,9	22,8	18,6	16,3	16,2	19,6	28,3	22,1	18,5	16,4	17,1
Eggs, pcs	19	21	23	19	17	16	19	21	22	19	18	17
Fish and fish products	1,2	1,6	1,5	1,2	1,0	0,9	1,2	1,6	1,5	1,2	1,0	0,9
Sugar	2,8	3,7	3,3	2,6	2,3	2,5	2,7	3,7	3,1	2,5	2,3	2,4
Sunflower-seed oil and other vegetables oils	1,6	2,4	1,9	1,4	1,2	1,3	1,5	2,4	1,8	1,4	1,2	1,3
Potatoes	6,6	8,9	7,4	6,0	5,9	6,4	6,7	8,9	7,2	5,8	5,7	7,2
Vegetables, melons and gourds	8,8	12,4	10,8	8,3	6,9	6,7	9,2	13,0	10,9	8,7	7,6	7,0
Fruit, berries, nuts and grapes	3,1	3,8	3,5	3,2	2,7	2,4	3,3	4,2	3,5	3,6	2,9	2,7
Bread and bakery products	8,5	12,9	9,9	7,7	7,0	7,0	8,3	12,7	9,4	7,7	6,8	7,3

INCOME AND LIVING CONDITIONS

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

(average monthly per capita; kg)

	2015					2016				
	all house- holds with children	number of children				all house- holds with children	number of children			
		one	two	three	four and more		one	two	three	four and more
Meat and meat products	4,0	4,2	3,5	3,0	2,9	4,1	4,3	3,7	4,2	3,2
Milk and dairy products	17,3	17,9	15,9	15,8	16,1	17,2	17,5	16,6	16,4	15,9
Eggs, pcs	18	18	17	15	15	18	19	17	16	14
Fish and fish products	1,0	1,1	0,9	0,7	0,6	1,0	1,1	0,9	1,1	0,8
Sugar	2,4	2,5	2,2	2,3	2,0	2,4	2,4	2,2	2,4	2,3
Sunflower-seed oil and other vegetables oils	1,3	1,4	1,2	1,2	1,3	1,3	1,3	1,1	1,1	1,1
Potatoes	5,8	5,9	5,4	7,1	7,1	5,8	5,8	5,9	6,1	6,5
Vegetables, melons and gourds	7,3	7,7	6,2	6,1	5,8	7,6	8,1	6,6	7,1	5,9
Fruit, berries, nuts and grapes	2,9	3,1	2,7	2,5	1,7	3,3	3,4	3,0	3,1	2,3
Bread and bakery products	7,1	7,3	6,4	6,8	7,8	7,0	7,2	6,6	7,5	7,1

**4.35. Foodstuffs consumed by households in 2016,
by different total per capita equivalent income**

(average monthly per capita; kg)

	All households	Monthly average per capita equivalent total income, UAH					
		under 480,0	480,1–840,0	840,1–1200,0	1200,1–1560,0	1560,1–1920,0	1920,1–2280,0
Meat and meat products	4,7	3,1	1,9	2,8	3,3	3,8	4,0
Milk and dairy products	19,6	7,7	5,5	11,2	13,9	15,2	17,5
Eggs, pcs	19	15	12	16	16	18	18
Fish and fish products	1,2	0,7	0,6	0,8	0,9	1,0	1,1
Sugar	2,7	1,9	1,6	2,0	2,1	2,4	2,4
Sunflower-seed oil and other vegetables oils	1,5	1,4	1,3	1,3	1,2	1,4	1,4
Potatoes	6,7	2,3	5,1	5,7	5,7	6,1	6,3
Vegetables, melons and gourds	9,2	2,8	4,6	5,6	6,4	7,6	8,3
Fruit, berries, nuts and grapes	3,3	0,7	1,2	1,7	2,2	2,3	2,9
Bread and bakery products	8,3	4,9	7,0	7,4	7,4	7,6	7,9

INCOME AND LIVING CONDITIONS

Table 4.35 continued

	Monthly average per capita equivalent total income, UAH						for reference: under	
	2280,1–2640,0	2640,1–3000,0	3000,1–3360,0	3360,1–3720,0	over 3720,0		1388,08 UAH ¹	2642,38 UAH ²
Meat and meat products	4,4	4,7	5,2	5,5	6,0	2,8	4,0	
Milk and dairy products	18,9	19,7	20,6	23,5	24,9	11,2	16,9	
Eggs, pcs	19	20	21	21	22	15	18	
Fish and fish products	1,1	1,3	1,4	1,4	1,6	0,7	1,0	
Sugar	2,7	2,8	2,9	2,9	3,2	1,9	2,4	
Sunflower-seed oil and other vegetables oils	1,5	1,5	1,6	1,5	1,7	1,2	1,4	
Potatoes	6,8	6,7	7,0	6,6	7,0	5,4	6,3	
Vegetables, melons and gourds	8,9	9,4	9,8	10,3	11,2	5,5	8,1	
Fruit, berries, nuts and grapes	3,1	3,5	3,5	3,9	4,7	1,8	2,7	
Bread and bakery products	8,4	8,4	8,6	8,6	9,1	7,1	7,9	

¹ See the first footnote to Table 4.11

² See the second footnote to Table 4.11

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

(average monthly per capita; kg)

	2015						monthly average per capita equivalent total income, lower of the legislatively established subsistence line ¹
	all house- holds	including by quintile (20%) groups					
		first	second	third	fourth	fifth	
Meat and meat products	4,6	3,4	4,0	4,7	4,9	6,0	2,6
Milk and dairy products	19,8	15,0	18,4	19,8	22,1	24,3	11,6
Eggs, pcs	19	17	18	20	20	21	15
Fish and fish products	1,2	1,0	1,1	1,3	1,3	1,6	0,8
Sugar	2,8	2,3	2,6	3,0	3,0	3,2	1,9
Sunflower-seed oil and other vegetables oils	1,6	1,5	1,6	1,6	1,6	1,7	1,2
Potatoes	6,6	6,1	6,4	6,9	7,2	6,8	5,6
Vegetables, melons and gourds	8,8	6,8	8,1	9,1	9,6	10,8	5,8
Fruit, berries, nuts and grapes	3,1	2,1	2,6	3,1	3,5	4,3	1,7
Bread and bakery products	8,5	7,8	8,3	8,6	8,9	8,9	7,0

INCOME AND LIVING CONDITIONS

Table 4.36 continued

	2016							
	all house- holds	including by quintile (20%) groups					monthly average per capita equivalent total income, lower	
		first	second	third	fourth	fifth	legislatively established subsistence line ¹	actual subsistence line ²
Meat and meat products	4,7	3,6	4,1	4,6	5,3	6,0	2,8	4,0
Milk and dairy products	19,6	14,7	18,2	19,4	21,6	25,0	11,2	16,9
Eggs, pcs	19	17	18	20	21	22	15	18
Fish and fish products	1,2	1,0	1,1	1,2	1,4	1,6	0,7	1,0
Sugar	2,7	2,3	2,5	2,7	2,9	3,2	1,9	2,4
Sunflower-seed oil and other vegetables oils	1,5	1,4	1,5	1,5	1,5	1,7	1,2	1,4
Potatoes	6,7	6,0	6,5	6,8	6,8	7,1	5,4	6,3
Vegetables, melons and gourds	9,2	7,3	8,7	9,3	10,1	11,1	5,5	8,1
Fruit, berries, nuts and grapes	3,3	2,3	3,0	3,3	3,7	4,7	1,8	2,7
Bread and bakery products	8,3	7,5	8,2	8,3	8,6	9,1	7,1	7,9

¹ In 2015, 1227,33 UAH; in 2016, 1388,08 UAH

² In 2016, 2642,38 UAH

4.37. Foodstuffs consumed

(per capita per year; kg)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Meat and meat products (including lard and offal on meat base)	33	39	52	51	54	56	54	51	51
Milk and dairy products on milk base	199	226	206	205	215	221	223	210	210
Eggs, pcs	166	238	290	310	307	309	310	280	267
Fish and fish products	8,4	14,4	14,5	13,4	13,6	14,6	11,1	8,6	9,6
Sugar	37	38	37	39	38	37	36	36	33
Oil	9,4	13,5	14,8	13,7	13,0	13,3	13,1	12,3	11,7
Potatoes	135	136	129	139	140	135	141	138	140
Vegetables, melons and gourds	102	120	144	163	163	163	163	161	164
Fruit, berries and grapes (excluding processed for wine)	29	37	48	53	53	56	52	51	50
Bakery products (bread, pasta on flour base; flour, cereals and legume crops)	125	124	111	110	109	108	109	103	101

INCOME AND LIVING CONDITIONS

4.38. Consumed nutrients¹

(per capita per day)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Calories, kcal	2661	2916	2933	2951	2954	2969	2939	2799	2742
Proteins, g	73,4	86,0	87,5	87,9	89,4	90,4	89,2	84,3	84,1
Fat, g	71,7	89,7	99,2	96,2	97,3	99,7	97,9	92,0	90,5
Calcium, mg	825	927	893	909	939	956	953	904	901
Iron, mg	19,4	20,5	20,5	21,2	21,2	21,2	21,1	20,2	20,1
Retinol, µg	1004	1156	1088	1088	1135	1165	1164	1093	1086
Equivalent of beta-carotene, µg	1472	1735	2035	2290	2304	2306	2300	2260	2298
Equivalent of retinol and beta-carotene (RET+1/6B-CAREQ), µg	1249	1446	1427	1471	1520	1550	1549	1470	1470
Thiamine, mg	1,81	1,90	1,88	1,91	1,93	1,92	1,92	1,83	1,81
Riboflavin, mg	2,27	2,51	2,55	2,57	2,66	2,71	2,70	2,56	2,55
Niacin, mg	16,8	17,9	18,8	19,1	19,3	19,3	19,2	18,4	18,6
Ascorbic acid, mg	100	111	121	133	133	133	133	130	132

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

4.39. Availability of selected durable goods¹ in households²

(average per 100 households; pcs)

	2000	2005	2010	2012	2014	2016
Refrigerators and freezers	94	99	109	112	117	119
Washing machines	74	77	85	87	88	88
Vacuum cleaners	56	62	75	77	79	77
Electric irons	98	98	99	98	99	98
CD-players and turntables	...	7	8	7	5	6
Colour TV sets	69	91	110	115	119	115
Video cassette recorders, Video tape recorders, DVD-players, digital cameras	13	22	41	43	34	26
Music centers	3	11	13	13	12	9
Cameras	22	36	26	21	18	16
Computers, plane-tablets, notebooks	1	9	31	46	63	80
Microwaves	1	9	33	41	49	49
Kitchen combines	3	5	10	12	16	15
Conditioners	0	1	6	8	10	9
Satellite antennas	0	1	13	18	23	26
Sewing machines	48	35	28	25	25	23
Motorbikes, bicycles and scooters	43	44	47	49	52	53
Motorcycles, snowmobiles	7	4	2	2	2	2
Cars	17	16	21	22	23	23
Mobile phones	...	44	167	187	197	201

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

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

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4.40. Distribution of households by access to the Internet

	2010			2015			2016		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total number of households, thsd.	17050,3	11788,0	5262,3	15073,7	10125,0	4948,7	15033,4	10109,4	4924,0
Share of households that have access to the Internet at home	22,9	30,4	5,9	50,7	62,1	27,2	54,0	65,5	30,6
Total number of the population¹, thsd. persons	44213,9	29930,4	14283,5	38982,6	25734,8	13247,8	38841,9	25671,8	13170,1
Share of persons who informed about using the Internet services during the last 12 months	22,0	28,9	7,5	48,9	58,4	30,3	53,0	62,7	34,1
of which by the place of usage ² , percent									
home	82,2	85,6	54,1	91,6	95,0	78,9	92,9	95,3	84,2
office	10,5	10,4	11,1	12,4	12,8	11,0	13,5	14,6	9,6
training	7,0	5,3	20,1	6,4	5,4	10,1	5,5	4,9	7,6
community center with access to the Internet ³	0,3	0,2	0,6	0,2	0,2	0,2
commercial center with access to the Internet ⁴	6,0	4,8	16,3	0,3	0,2	0,8	0,3	0,2	0,7
any place via mobile phone ³	16,6	15,6	20,2	20,8	20,8	20,8
any place via other device with mobile access ³	1,1	1,2	1,1	1,1	1,2	0,9
other places (at friends and acquaintances)	8,6	7,0	21,7	8,1	6,0	16,2	7,7	5,9	14,3

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

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

³ Indicator is included into the program of household living condition survey since 2013

⁴ In 2010, at the Internet cafe/club

4.41. Distribution of the population¹ by purpose of the Internet services usage

	2010			2015			2016		
	all house-holds	including by areas		all house-holds	including by areas		all house-holds	including by areas	
		urban	rural		urban	rural		urban	rural
Total number of the population, thsd.	44213,9	29930,4	14283,5	38982,6	25734,8	13247,8	38841,9	25671,8	13170,1
Share of persons who informed about using the Internet during the last 12 months	22,0	28,9	7,5	48,9	58,4	30,3	53,0	62,7	34,1
of which for the purpose of ² , percent									
sending (receiving) e-mail	32,7	34,2	20,6	24,6	26,2	18,5	23,1	24,9	16,9
interaction with public authorities	1,5	1,5	1,1	2,1	2,2	1,6	1,7	1,8	1,3
training and education	46,9	44,7	64,2	30,7	29,9	33,8	29,1	28,4	31,7
on line reading/downloading newspapers, magazines	40,2	41,3	31,7	27,9	28,7	24,7	25,7	26,2	24,1
downloading movies, images, music; watching TV or video, etc ³	57,3	57,5	56,4	60,0	59,9	60,7
playing video or computer games or their downloading ³	37,6	37,3	38,9	39,7	39,9	39,3
downloading software ³	4,8	5,1	3,8	5,3	6,0	2,9
phone talks via the Internet/Volp (Skype, iTalk, via web camera) ³	44,8	46,9	36,8	46,8	49,2	38,0
communication	63,0	63,8	57,2	50,4	50,4	50,4	49,8	49,2	52,1
banking servicing	2,5	2,7	1,5	8,5	9,7	3,9	12,6	14,2	6,5
search for the information connected with the health issues both for oneself and other persons	33,6	34,4	27,1	30,6	31,2	28,4	32,1	33,1	28,6
ordering (purchasing) goods and services	5,2	5,5	2,3	11,2	11,2	11,3	14,8	15,2	13,4
obtaining information on goods and services not named earlier	18,3	18,7	15,2	19,5	20,0	17,5	19,9	20,7	16,8

¹ See the first footnote to Table 4.40² Distribution can surpass in total 100% since one person can use the Internet with different purposes³ Indicator is included into the program of household living condition survey since 2011

5. COMMUNITIES AND HOUSING

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

The state statistical observation serves a source of information.

Housing stock is the set of residential dwellings for long-term residence. It comprises residential buildings, special dwellings (hostels, shelters, care homes for the aged and disabled adults and children, children's homes, and children's boarding homes and hostels), apartments, business quarters and other accommodation located in buildings suitable for living.

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

Total living space comprises the area of dwelling and auxiliary areas (excluding

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

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

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

Total living space excludes the size of the following places:

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

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

COMMUNITIES AND HOUSING

5.1. Housing stock¹

(mln.sq.m of total size)

	2000	2005	2010	2011	2012	2013 ²	2014 ²	2015 ²	2016 ²
Total housing stock	1015,0	1046,4	1079,5	1086,0	1094,2	1096,6	966,1	973,8	977,9
Urban housing stock	643,2	669,9	693,0	695,5	700,7	700,1	588,1	592,5	594,0
Rural housing stock	371,8	376,5	386,5	390,5	393,5	396,5	378,0	381,3	383,9

¹ Including the data on the housing stock, which is on the balance sheet of the enterprises-bonkrupst and those who completely stopped the activity

² Data for 2013–2016, according to the State Statistics Service of Ukraine

5.2. Housing stock facilities¹

(percent)

	2000		2005		2010		2015 ²		2016 ²	
	in urban areas	in rural areas	in urban areas	in rural areas	in urban areas	in rural areas	in urban areas	in rural areas	in urban areas	in rural areas
Percentage of accommodations equipped with										
water supply	75,3	17,9	76,6	20,0	77,9	27,1	77,8	34,3	77,8	35,4
sewage	73,7	12,9	75,4	15,7	76,7	23,2	76,7	30,9	76,8	31,9
central heating	72,8	18,3	74,2	24,4	76,7	36,1	78,2	53,9	78,3	54,2
gas supply	81,6	82,5	81,8	84,1	82,5	84,5	82,8	84,1	82,4	84,2
hot water supply	58,4	4,3	59,7	5,4	60,9	11,5	63,2	21,8	62,8	22,7

¹ See the first footnote to Table 5.1

² See the second footnote to Table 5.1

COMMUNITIES AND HOUSING

5.3. Housing stock, by region¹

(thsd.sq.m of total size)

	Total housing stock					Urban housing stock				
	2000	2010	2014 ²	2015 ²	2016 ²	2000	2010	2014 ²	2015 ²	2016 ²
Ukraine	1014974	1079503	966137	973786	977867	643229	692986	588143	592539	594020
Autonomous Republic of Crimea	37327	39333	25143	26065
oblasts										
Vinnitsya	42994	43963	46236	46778	47409	15420	16361	18705	19192	19856
Volyn	20164	22124	23112	23364	23891	8872	10080	10491	10605	10954
Dnipropetrovsk	77828	79043	78892	78931	78031	63166	64080	63916	63937	63032
Donetsk	98614	101245	50591	51242	51398	88251	90752	44211	44356	44168
Zhytomyr	31817	33328	33629	33743	33734	15684	16577	16686	16755	16713
Zakarpattia	25228	28314	30141	30414	30643	8571	10031	11020	11143	11267
Zaporizhzhya	39397	40911	40982	40935	40858	28325	29918	29921	29881	29799
Ivano-Frankivsk	28813	32656	34941	35415	36242	11096	13339	14261	14424	15185
Kyiv	46835	54812	59245	60549	62038	24031	27652	29115	29633	30278
Kirovohrad	24947	24671	24770	24833	25196	13817	14219	14395	14471	14830
Luhansk	54778	55414	17656	17808	18820	46870	47659	12628	12588	13597
Lviv	49988	54254	57323	57414	58161	27721	29858	31392	31107	31534
Mykolayiv	26009	25965	25841	25795	25753	16607	17058	16994	16949	16898
Odesa	48194	53414	53402	53421	53612	28784	32920	31710	31711	31602
Poltava	36333	36996	36374	36327	36151	19486	20086	19435	19350	19165
Rivne	22984	24454	25253	25545	25866	9769	10408	10622	10775	10945
Sumy	26948	27725	28119	28217	28266	15870	17079	17313	17399	17439
Ternopil	23490	25371	26576	27092	27403	9064	10320	11076	11389	11632
Kharkiv	59898	63788	65285	65269	65015	46267	49939	51022	51007	50736
Kherson	24436	25927	25437	25476	25411	14679	16482	15906	15928	15855
Khmelnyskiy	31708	33314	33726	34019	34618	13589	15299	15458	15692	16270
Cherkasy	33600	33976	34325	34363	34351	15709	15984	15901	15924	15897
Chernivtsi	18788	20443	21801	22139	22337	7013	7757	8358	8496	8591
Chernihiv	28045	29757	29804	29817	29200	13928	15113	14931	14947	14314
cities										
Kyiv	48857	59713	62676	64880	63463	48857	59713	62676	64880	63463
Sevastopol	6954	8592	6640	8237

¹ See the first footnote to Table 5.1

² See the second footnote to Table 5.1

COMMUNITIES AND HOUSING

5.4. Old housing stock, by region

	Number of residential buildings, units				Total area of dwellings, square meters			
	2010	2014 ¹	2015 ¹	2016 ¹	2010	2014 ¹	2015 ¹	2016 ¹
Ukraine	48833	43919	44453	45207	4057803	3289550	3277838	3303439
Autonomous Republic of Crimea	668	87727
oblasts								
Vinnitsya	3569	3939	4071	4288	184182	209118	213797	220894
Volyn	1157	1219	857	981	76699	75205	58361	62652
Dnipropetrovsk	1810	1966	1966	1977	326229	332511	331721	331581
Donetsk	5838	2711	2749	3198	581792	196890	206978	235514
Zhytomyr	2768	3105	3136	3174	206174	211323	210315	226455
Zakarpattia	663	375	385	391	100505	28884	29719	30098
Zaporizhzhya	640	578	577	577	92944	87421	87312	88085
Ivano-Frankivsk	1079	1099	1102	1031	58842	62451	62665	50296
Kyiv	2366	2603	2592	2774	112773	124858	125601	124249
Kirovohrad	140	129	123	95	19762	19679	20334	15619
Luhansk	1856	335	399	411	235852	22734	47888	48964
Lviv	1199	1138	1162	1101	91608	80621	92073	89090
Mykolayiv	959	524	518	473	68225	46891	46529	43324
Odesa	4673	4234	4687	4633	372191	366844	356998	355363
Poltava	1683	2432	2545	2756	119047	169377	170430	175459
Rivne	1419	1765	1676	1703	84748	97007	90416	88331
Sumy	2558	3105	3198	3264	109956	139618	146576	148322
Ternopil	990	912	903	927	45210	40473	40614	42234
Kharkiv	4399	4071	4113	3913	563811	515892	516499	513711
Kherson	918	831	865	888	53252	43959	44532	43533
Khmelnyskiy	1889	1945	1823	1838	95090	95222	91543	92321
Cherkasy	3255	3223	3225	3218	196404	162072	160567	159716
Chernivtsi	829	210	182	194	47546	16665	14585	15017
Chernihiv	1207	1240	1405	1208	68419	59712	70451	61434
cities								
Kyiv	214	230	194	194	46388	84123	41334	41177
Sevastopol	87	12427

¹ See the second footnote to Table 5.1

COMMUNITIES AND HOUSING

5.5. Emergency housing stock, by region

	Number of residential buildings, units				Total area of dwellings, square meters			
	2010	2014 ¹	2015 ¹	2016 ¹	2010	2014 ¹	2015 ¹	2016 ¹
Ukraine	13716	15457	15414	16473	1184481	1021321	1031568	1029579
Autonomous Republic of Crimea	179	96491
oblasts								
Vinnitsya	1363	1610	1494	1453	71577	77911	80748	79044
Volyn	225	193	185	175	16946	9455	9158	8498
Dnipropetrovsk	380	1063	830	861	72151	91380	73328	73655
Donetsk	2471	1399	1454	1555	195286	104907	108150	96634
Zhytomyr	511	760	772	800	39933	51649	52761	52700
Zakarpattia	174	91	96	97	12643	5232	5500	5510
Zaporizhzhya	299	373	371	370	18320	27390	27452	26659
Ivano-Frankivsk	392	413	418	415	25315	26084	24756	23899
Kyiv	503	772	797	799	36147	39939	42423	42691
Kirovohrad	19	11	4	4	7677	6869	5178	5178
Luhansk	232	118	116	136	52078	12938	12871	13597
Lviv	455	572	534	494	34877	42820	41372	41374
Mykolayiv	538	178	187	189	37247	12293	12793	17165
Odesa	1147	1279	1562	2266	133324	138150	146179	174136
Poltava	453	1218	1059	1180	21113	54015	47182	52433
Rivne	250	381	389	459	20310	25518	25840	19815
Sumy	422	687	752	775	17608	28664	31394	31889
Ternopil	530	693	713	748	28962	32456	33404	34669
Kharkiv	629	745	746	762	45643	49511	48174	48557
Kherson	384	417	427	457	33106	27418	27063	26148
Khmelnyskiy	372	535	497	475	23842	25274	24373	22973
Cherkasy	910	1097	1072	1171	52551	62137	80337	65797
Chernivtsi	642	433	440	437	47411	30835	32707	32338
Chernihiv	176	390	475	372	10321	18179	22351	19954
cities								
Kyiv	16	29	24	23	19419	20297	16074	14266
Sevastopol	44	14183

¹ See the second footnote to Table 5.1

6. EDUCATION

This section contains statistics on permanent pre-schools, secondary educational institutions, professional training institutes and institutions of higher education of different levels of accreditation, data on training of postgraduate and doctoral students.

Pre-school educational institutions incorporate day nurseries, child care institutions, kindergartens, child care institutions of family, combined, compensation type (specialised and sanatoria based), tutorial and pedagogic complexes, etc.

Secondary educational institutions include schools, lycees, gymnasiums, collegiums, educational training complexes (associations), sanatorium schools of all levels as well as specialised schools (boarding schools) and schools of social rehabilitation.

Secondary educational institutions of the first level (primary schools) provide basic education, schools of the second level (middle school) grant incomplete secondary education and schools of the third level (high school) ensure completed secondary education.

Professional training institutions are educational institutions which provide professional training education. The graduates from professional training institutions who received the good assessment of their qualifications are given a *skilled worker* qualification in occupation of the appropriate rank (category).

Institutions of higher education consist of technical secondary schools, vocational schools, colleges, institutes, academies, universities, etc.

According to the status of the institutions of higher education, four levels of accreditations were set up: the first level refers to technical secondary schools, vocational schools, etc. The second level covers colleges (technicums) and other similar institutions. The third and the fourth levels include academies, universities, institutes.

Higher educational institutions train specialists according to the following education and qualification levels:

training of junior specialists is normally provided by technical secondary schools, vocational schools, other institutions of higher education of the first level of accreditation;

bachelors are trained by colleges, other institutions of higher education of the second, third and fourth levels of accreditation;

specialist training and training for master degrees by institutions of higher education of the third and the fourth levels of accreditation.

The distribution of tertiary educational institutions by accreditation level since 2016/17 academic year is not foreseen in line with Ukraine's law *On tertiary education* dated on July 1, 2014, N1556-VII.

EDUCATION

6.1. Pre-school educational institutions

(end of year)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total institutions, thsd. ¹	16,3	15,1	15,6	16,1	16,4	16,7	15,0	14,8	14,9
in urban areas	7,4	6,7	6,7	6,8	6,9	6,9	5,7	5,7	5,7
in rural areas	8,9	8,4	8,9	9,3	9,5	9,8	9,3	9,1	9,2
Enrollment capacity of the institutions, thsd. places ²	1117	1056	1136	1171	1204	1236	1077	1105	1125
in urban areas	832	773	821	843	864	880	748	772	785
in rural areas	285	283	315	328	340	356	329	333	340
Total children at the institutions, thsd.	983	1032	1273	1354	1428	1471	1295	1291	1300
in urban areas	824	840	1012	1063	1115	1145	985	981	984
in rural areas	159	192	261	291	313	326	310	310	316
Percentage of total children of the specified age attending pre-school	40	51	53	55	57	60	55	55	55 ³
in urban areas	52	64	64	65	67	71	63	64	63 ³
in rural areas	18	27	32	35	37	41	40	40	40 ³
Children at the institutions per 100 places ⁴	88	98	112	115	118	117	117	114	113
in urban areas	99	109	123	125	128	129	130	126	124
in rural areas	56	68	82	89	91	87	88	87	87

¹ In 2000–2014, including pre-school educational institutions which did not work during a year or more for some reason, since 2015 institutions that worked during a year

² In 2000–2014, excluding places in pre-school educational institutions which did not work during a year or more for some reason

³ The compilation includes data on the total number of pupils of preschool education institutions including children covered by social and pedagogical patronage and resident population of Ukraine as of January 1, 2017

⁴ Since 2010, excluding children at short-stay groups

EDUCATION

6.2. Pre-school educational institutions, by region

	Total institutions						Enrollment, thsd.					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Ukraine	16347	15058	15628	15002	14813	14949	983,0	1031,7	1272,7	1294,9	1291,2	1300,1
Autonomous Republic of Crimea	684	613	607	36,3	40,3	51,8
oblasts												
Vinnitsya	695	644	704	779	777	788	37,8	39,0	46,3	56,0	56,2	56,6
Volyn	305	355	444	480	483	484	17,0	23,1	31,7	37,8	37,9	38,1
Dnipropetrovsk	1115	954	939	974	964	970	81,3	82,3	99,3	115,7	113,9	113,5
Donetsk	1402	1155	1144	569	559	568	107,0	105,7	125,0	55,3	55,1	55,7
Zhytomyr	482	575	644	704	687	692	28,4	29,8	38,7	46,4	46,6	47,1
Zakarpattia	505	506	532	569	572	582	20,1	26,9	35,5	48,0	47,5	48,0
Zaporizhzhya	655	544	526	563	522	517	44,2	44,4	52,3	57,5	57,4	57,5
Ivano-Frankivsk	285	283	334	394	402	415	17,5	20,0	27,6	33,1	33,6	34,8
Kyiv	776	710	682	733	735	753	44,5	44,9	56,8	68,3	69,8	71,5
Kirovohrad	566	505	530	518	508	500	23,5	24,0	27,6	32,6	32,6	33,0
Luhansk	644	576	528	259	237	248	41,4	42,8	50,9	15,7	15,0	15,5
Lviv	483	478	589	754	783	810	34,9	40,8	57,1	70,1	70,3	71,8
Mykolayiv	541	517	552	571	568	566	28,9	29,3	36,1	43,2	42,4	42,4
Odesa	735	743	744	801	756	756	45,4	51,7	62,9	74,2	74,6	75,5
Poltava	747	599	562	619	619	629	36,3	34,3	40,1	50,6	47,9	47,0
Rivne	263	265	397	502	510	520	18,2	22,3	32,8	40,1	41,1	41,9
Sumy	590	415	495	528	516	510	29,9	28,5	34,5	37,8	37,3	37,6
Ternopil	474	499	506	570	577	589	19,1	21,6	26,4	31,9	31,8	32,5
Kharkiv	742	612	633	707	712	709	55,1	55,4	67,9	78,8	79,0	79,1
Kherson	561	487	493	496	468	471	26,6	27,1	34,3	38,2	37,7	37,4
Khmelnyskiy	757	806	815	798	784	781	34,1	36,6	42,3	46,9	46,8	47,2
Cherkasy	791	691	696	689	664	660	36,1	35,8	39,4	43,6	43,2	43,1
Chernivtsi	252	309	353	379	379	379	15,3	21,2	27,4	32,3	32,2	32,6
Chernihiv	520	461	414	426	435	446	21,9	22,7	26,1	30,8	31,1	31,1
cities												
Kyiv	687	671	679	620	596	606	72,2	70,6	89,3	110,0	110,2	109,6
Sevastopol	90	85	86	10,0	10,6	12,6

EDUCATION

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

(percent)

	2000	2005	2010	2012	2013	2014	2015	2016 ¹		
								total	in urban areas	in rural areas
Ukraine	40	51	53	57	60	55	55	55	63	40
Autonomous Republic of Crimea	37	48	48	50	51
oblasts										
Vinnitsya	38	51	55	59	63	63	65	65	84	46
Volyn	24	38	45	48	50	51	52	52	72	34
Dnipropetrovsk	48	58	57	61	63	63	63	63	69	36
Donetsk	53	62	61	64	72	... ²	... ²	... ²	... ²	... ²
Zhytomyr	35	47	55	64	66	66	66	66	82	45
Zakarpattia	25	37	42	51	55	54	53	53	69	45
Zaporizhzhya	49	59	59	62	64	63	64	63	73	37
Ivano-Frankivsk	20	28	34	37	38	39	40	41	70	23
Kyiv	48	59	60	62	64	65	67	69	77	55
Kirovohrad	39	53	55	59	62	62	62	63	75	44
Luhansk	39	51	50	55	59	... ²	... ²	... ²	... ²	... ²
Lviv	23	33	41	45	47	49	49	50	68	27
Mykolayiv	43	55	59	63	69	68	68	67	76	54
Odesa	37	49	47	50	54	54	54	55	65	40
Poltava	45	56	58	62	71	72	69	69	86	44
Rivne	23	32	41	44	56	54	54	54	79	37
Sumy	49	60	66	70	71	73	73	74	84	51
Ternopil	29	41	45	50	52	53	54	54	81	34
Kharkiv	46	53	54	56	61	62	62	62	69	38
Kherson	40	52	59	61	71	69	67	67	77	53
Khmelnyskiy	43	59	61	62	64	64	65	65	80	46
Cherkasy	49	65	66	69	70	70	70	70	82	55
Chernivtsi	26	45	53	56	58	58	57	57	80	44
Chernihiv	39	50	54	58	63	63	65	65	79	38
cities										
Kyiv	63	65	59	62	63	65	65	65	65	×
Sevastopol	63	68	62	65	66

¹ See the third footnote to Table 6.1

² Information is not released due to low reliability of data used to make calculations

EDUCATION

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

(percent)

	Language of instruction											
	Ukrainian						Russian					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Ukraine	78,0	84,2	85,9	93,8	94,2	94,8	21,6	15,2	13,5	5,5	5,0	4,4
Autonomous Republic of Crimea	2,8	3,6	3,3	96,3	95,3	95,6
oblasts												
Vinnitsya	100,0	99,9	100,0	100,0	100,0	100,0	—	0,0	—	—	—	—
Volyn	100,0	100,0	100,0	100,0	100,0	100,0	—	—	—	—	—	—
Dnipropetrovsk	84,5	89,2	90,6	91,2	93,0	92,9	15,5	10,8	9,4	8,7	7,0	7,1
Donetsk	34,5	65,9	73,7	85,3	86,1	89,9	65,5	34,1	26,3	14,7	13,9	10,1
Zhytomyr	99,8	100,0	100,0	100,0	100,0	100,0	0,2	—	—	—	—	—
Zakarpattia	90,2	88,6	89,6	88,7	88,4	88,0	0,6	0,5	0,4	0,3	0,2	0,2
Zaporizhzhya	62,9	77,4	84,0	84,0	84,7	86,4	37,1	22,6	16,0	16,0	15,3	13,6
Ivano-Frankivsk	100,0	100,0	100,0	100,0	100,0	100,0	—	—	—	—	—	—
Kyiv	99,6	99,9	99,9	99,9	99,9	99,8	0,4	0,1	0,1	0,1	0,1	0,02
Kirovohrad	98,2	99,2	99,2	99,4	99,4	99,3	1,8	0,8	0,8	0,6	0,6	0,7
Luhansk	19,7	35,6	37,6	54,7	59,1	62,5	80,3	64,4	62,4	45,3	40,9	37,5
Lviv	99,7	99,9	99,8	99,8	99,8	99,8	—	—	—	—	—	0,03
Mykolayiv	90,4	96,2	95,9	96,7	96,8	96,7	9,6	3,8	4,1	3,3	3,2	3,3
Odesa	62,9	72,9	77,8	71,2	73,5	77,2	35,4	25,5	20,6	27,1	24,8	21,0
Poltava	98,3	99,1	98,8	99,6	99,6	99,8	1,7	0,9	1,2	0,4	0,4	0,2
Rivne	99,9	100,0	100,0	100,0	100,0	100,0	0,1	—	—	—	—	—
Sumy	97,7	97,5	98,7	99,3	99,3	99,4	2,3	2,5	1,3	0,7	0,7	0,6
Ternopil	100,0	100,0	100,0	100,0	100,0	100,0	—	—	—	—	—	—
Kharkiv	82,7	88,7	88,7	88,5	88,6	88,9	17,3	11,3	11,3	11,5	11,4	11,1
Kherson	83,2	86,3	87,4	88,1	88,2	91,3	16,8	13,7	12,6	11,9	11,7	8,6
Khmelnyskiy	99,9	99,9	99,96	99,96	100,0	99,97	0,1	0,0	0,04	0,04	—	0,03
Cherkasy	99,9	99,9	100,0	100,0	100,0	100,0	0,1	0,1	—	—	—	—
Chernivtsi	93,6	91,3	91,5	90,2	90,1	90,2	0,2	—	—	0,2	0,2	—
Chernihiv	99,5	99,9	99,9	100,0	100,0	100,0	0,5	0,1	0,1	—	—	—
cities												
Kyiv	99,9	99,9	99,9	99,8	99,9	99,8	0,1	0,1	—	0,03	0,02	0,03
Sevastopol	1,6	2,0	4,4	98,4	98,0	95,6

At the end of 2016, 10,7 thsd. children in multi-national regions were taught in Hungarian, Romanian, Moldavian, Polish, Slovak, Crimean Tatar, Judaic, English and German languages.

EDUCATION

6.5. Secondary educational institutions and institutions of higher education for 1914–2016

(beginning of academic year)

	Secondary educational institutions ¹		Institutions of higher education			
	total	pupils, thsd.	1 st and 2 nd levels of accreditation		3 rd and 4 th levels of accreditation	
			total	students, thsd.	total	students, thsd.
1914/15	26069	2607	88	13	27	35
1940/41	32132	6830	693	196	173	197
1950/51	35961	7134	584	228	160	202
1955/56	34216	5882	635	375	134	326
1960/61	37660	6722	595	398	135	418
1965/66	34613	8671	697	646	132	690
1970/71	29791	8414	760	798	138	807
1975/76	25680	8063	730	784	142	831
1980/81	23042	7516	727	803	147	880
1985/86	21927	7249	731	809	146	853
1990/91	21825	7132	742	757	149	881
1995/96	22255	7143	782	618	255	923
2000/01	22210	6764	664	528	315	1403
2005/06	21589	5399	606	505	345	2204
2010/11	20300	4299	505	361	349	2130
2011/12	19874	4292	501	357	345	1955
2012/13	19672	4222	489	345	334	1825
2013/14	19294	4204	478	329	325	1724
2014/15	17604	3757	387	251	277	1438
2015/16	17337	3783	371	230	288	1375
2016/17	16858	3846	370 ²	217	287 ³	1369

¹ Source: the Ministry of Education and Science of Ukraine

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

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

EDUCATION

6.6. Enrollment in educational institutions

(beginning of academic year; thsd.)

	2000/01	2005/06	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Total	9220	8605	7224	7013	6815	6648	5762	5692	5718
Secondary educational institutions ¹	6764	5399	4299	4292	4222	4204	3757	3783	3846
day	6647	5301	4228	4225	4160	4150	3718	3750	3815
night (part-time), including distance learning	117	98	71	67	62	54	39	33	31
Professional training institutions ¹	525	497	434	409	423	391	316	304	286
Institutions of higher education									
1 st and 2 nd levels of accreditation	528	505	361	357	345	329	251	230	217 ²
3 rd and 4 th levels of accreditation	1403	2204	2130	1955	1825	1724	1438	1375	1369 ³
Per 10 thsd. population									
Secondary educational institutions	1383	1151	939	941	927	923	874	885	902
Professional training institutions	107	106	95	90	93	86	73	71	67
Institutions of higher education									
1 st and 2 nd levels of accreditation	107	108	79	78	76	72	58	54	51 ²
3 rd and 4 th levels of accreditation	285	470	465	428	401	380	335	322	321 ³

¹ See the first footnote to Table 6.5

² See the second footnote to Table 6.5

³ See the third footnote to Table 6.5

At the beginning of the 2016/17 academic year, 23,5 thsd. pupils were trained in 180 private secondary educational institutions, 131,3 thsd. students were trained in 130 private institutions of higher education of different accreditation levels.

6.7. Secondary educational institutions

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

	2000/01	2005/06	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Institutions	22,2	21,6	20,3	19,9	19,7	19,3	17,6	17,3	16,9
Pupils	6764	5399	4299	4292	4222	4204	3757	3783	3846
including grades 10–12 (10–16)	1049	975	570	655	605	559	463	432	412
Total teachers	577	543	515	509	510	508	454	444	438

In 2016, 7,6 thsd. pupils attended the 1st grades set up at pre-schools.

EDUCATION

6.8. Secondary educational institutions, by region

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

	Institutions						Enrollment, thsd.					
	2000/ 01	2005/ 06	2010/ 11	2014/ 15	2015/ 16	2016/ 17	2000/ 01	2005/ 06	2010/ 11	2014/ 15	2015/ 16	2016/ 17
Ukraine	22210	21589	20300	17604	17337	16858	6764	5399	4299	3757	3783	3846
Autonomous Republic of Crimea	645	632	609	295	223	177
oblasts												
Vinnitsya	1072	1040	976	892	883	873	245	205	160	153	153	155
Volyn	832	816	787	773	753	708	167	147	126	126	129	131
Dnipro-petrovsk	1113	1094	1044	1016	1002	967	492	378	298	303	309	314
Donetsk	1318	1235	1151	558	563	560	588	432	337	159	150	153
Zhytomyr	950	903	844	802	760	746	208	173	137	129	129	131
Zakarpattia	722	716	693	670	669	667	208	182	156	155	157	159
Zaporizhzhya	698	677	639	609	600	582	269	203	159	160	159	161
Ivano-Frankivsk	772	772	761	744	740	727	222	191	155	147	149	150
Kyiv	813	809	781	747	747	720	263	214	172	180	186	193
Kirovohrad	631	617	576	542	533	458	159	125	95	90	91	92
Luhansk	843	793	732	315	308	300	325	234	176	59	52	52
Lviv	1479	1487	1440	1399	1386	1363	390	328	263	256	260	264
Mykolayiv	672	651	592	556	554	542	187	147	114	110	111	112
Odesa	975	975	950	887	881	867	344	283	235	240	243	249
Poltava	962	870	786	708	694	675	222	178	135	128	128	130
Rivne	796	750	707	680	677	659	192	171	147	145	148	150
Sumy	704	658	592	540	531	514	172	130	98	93	93	93
Ternopil	925	920	889	849	837	828	170	145	116	108	106	107
Kharkiv	1007	984	917	837	818	790	373	285	223	228	230	234
Kherson	581	575	509	479	470	456	182	143	110	107	106	107
Khmelnyskiy	1103	1075	926	803	783	756	212	177	138	128	128	129
Cherkasy	719	699	679	643	630	622	199	158	118	110	110	111
Chernivtsi	462	454	447	436	432	428	138	121	100	97	98	99
Chernihiv	843	778	674	613	590	558	166	129	98	91	92	93
cities												
Kyiv	497	534	525	506	496	492	327	261	225	255	266	277
Sevastopol	76	75	74	49	36	31

EDUCATION

6.9. Secondary educational institutions at the beginning of 2016/17, by region

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

	Total institutions	In which		By type of ownership					
		pupils	teachers	public ¹	in which		private	in which	
					pupils ²	teachers		pupils	teachers
Ukraine	16858	3845517	437509	16678	3822051	433358	180	23466	4151
Autonomous Republic of Crimea
oblasts									
Vinnitsya	873	155109	20115	868	154497	19990	5	612	125
Volyn	708	131342	17725	707	131256	17705	1	86	20
Dnipropetrovsk	967	314144	27534	960	313525	27378	7	619	156
Donetsk	560	152984	14812	557	152777	14762	3	207	50
Zhytomyr	746	130445	17323	741	129875	17233	5	570	90
Zakarpattia	667	159116	18872	661	158561	18778	6	555	94
Zaporizhzhya	582	161304	16767	575	160854	16646	7	450	121
Ivano-Frankivsk	727	150111	21700	724	149509	21616	3	602	84
Kyiv	720	193128	19741	702	191783	19435	18	1345	306
Kirovohrad	458	91576	11468	457	91547	11458	1	29	10
Luhansk	300	52319	6158	300	52319	6158	—	—	—
Lviv	1363	264231	35314	1349	262973	35077	14	1258	237
Mykolayiv	542	111985	11497	540	111807	11453	2	178	44
Odesa	867	248798	23577	841	244037	22858	26	4761	719
Poltava	675	129437	15142	672	129272	15091	3	165	51
Rivne	659	150426	19377	659	150426	19377	—	—	—
Sumy	514	93311	11448	511	93069	11394	3	242	54
Ternopil	828	106661	17050	828	106661	17050	—	—	—
Kharkiv	790	233991	21972	772	229986	21520	18	4005	452
Kherson	456	106827	11478	455	106786	11446	1	41	32
Khmelnyskiy	756	129245	17322	753	128997	17278	3	248	44
Cherkasy	622	110953	14323	619	110731	14269	3	222	54
Chernivtsi	428	98574	12027	425	98261	11977	3	313	50
Chernihiv	558	92648	12300	558	92648	12300	—	—	—
cities									
Kyiv	492	276852	22467	444	269894	21109	48	6958	1358
Sevastopol

¹ Institutions of public and communal type of ownership

² Including pupils at sanatoria schools who are at these institutions for the time being and recorded by the main place of training

EDUCATION

**6.10. Day secondary educational institutions of new type at the beginning of 2016/17,
by region**

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

	Gymna- siums	In which		Lycees	In which		Colle- giums	In which		Educa- tional training comple- xes	In which	
		pupils ¹	teachers		pupils ¹	teachers		pupils ¹	teachers		pupils	teachers
Ukraine	483	258779	23938	301	134621	13108	42	28140	2335	3594	597234	79135
Autonomous Republic of Crimea
oblasts												
Vinnytsya	5	3398	312	3	816	104	1	336	48	184	35245	4357
Volyn	21	15499	1588	17	14155	1391	3	2765	224	55	8726	1239
Dnipro- petrovsk	16	9658	729	23	8121	803	2	1612	112	170	49068	4543
Donetsk	12	4050	401	9	2847	268	—	—	—	80	16757	1833
Zhytomyr	43	20644	2110	16	8418	718	6	2959	260	61	8323	1202
Zakarpattia	11	4751	492	13	2556	321	—	—	—	80	11240	1456
Zaporizhzhya	34	20145	1809	14	6782	689	6	3982	342	122	26673	2887
Ivano- Frankivsk	11	3104	407	7	2020	300	—	—	—	153	22627	3787
Kyiv	7	2222	227	7	999	196	1	423	35	282	47889	6419
Kirovohrad	5	1459	150	2	742	115	—	—	—	145	43072	5026
Luhansk	15	5290	498	4	870	102	—	—	—	51	6268	837
Lviv	21	8872	1043	6	1514	168	—	—	—	329	54405	8515
Mykolayiv	17	5454	540	6	1188	128	1	1651	101	42	4730	635
Odesa	9	5325	435	10	2573	304	—	—	—	287	67716	7088
Poltava	28	18105	1530	8	4750	387	2	1376	119	95	10250	1465
Rivne	12	5838	614	7	1323	198	1	826	76	189	46251	5864
Sumy	8	3794	368	1	600	48	—	—	—	243	15482	3406
Ternopil	14	4691	547	7	1006	162	3	647	79	120	12088	2004
Kharkiv	45	30646	2248	41	20712	1729	3	3087	249	187	26827	3588
Kherson	11	7551	598	5	2612	300	—	—	—	67	12885	1458
Khmelnyskiy	28	15372	1540	24	16562	1373	10	5579	455	158	11040	2332
Cherkasy	7	4848	413	8	1284	165	1	1024	66	225	15767	3397
Chernivtsi	21	8783	953	14	5306	609	—	—	—	143	20323	3117
Chernihiv	26	11435	1188	8	4725	494	1	1566	112	59	4131	911
cities												
Kyiv	56	37845	3198	41	22140	2036	1	307	57	67	19451	1769
Sevastopol

¹ Including pupils who are trained according to the secondary educational programs

EDUCATION

6.11. Day secondary educational institutions

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

	2000/01	2005/06	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Total institutions	21965	21357	20095	19690	19497	19126	17459	17201¹	16728¹
level 1 st	3144	2777	2016	1856	1793	1661	1595	1562	1572
levels 1 st and 2 nd	6262	5754	5310	5154	5069	4900	4663	4524	4254
levels 1 st –3 rd	12157	12418	12369	12287	12249	12177	10861	10779 ¹	10568 ¹
special schools (boarding schools) and social rehabilitation schools	402	408	400	393	386	388	340	336	334
Total pupils at the institutions, thsd.	6647	5301	4228	4225	4160	4150	3718	3750¹	3815¹
level 1 st	107	101	79	76	75	74	73	74	76
levels 1 st and 2 nd	707	497	364	343	335	328	305	302	299
levels 1 st –3 rd	5764	4642	3720	3741	3699	3697	3297	3330 ¹	3395 ¹
special schools (boarding schools) and social rehabilitation schools	69	61	65	65	51	51	43	44	45
Total teachers, thsd.	572	539	511	504	506	504	450	441	435

¹ At the beginning of the 2015/16 academic year, the total for institutions includes 57 educational institutions of levels 2nd and 3rd with attendance of 13,9 thsd. pupils; at the beginning of the 2016/17 academic year, 59 and 15,9 thsd. accordingly

6.12. Attendance by shift in day secondary educational institutions¹

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

	Total institutions				Total pupils ²			
	with one shift		with two shifts ³		attending the 1 st shift		attending the 2 nd shift ³	
	total	percentage of total institutions	total	percentage of total institutions	thsd.	percentage of total pupils	thsd.	percentage of total pupils
2000/01	18774	87	2746	13	5997	92	521	8
2005/06	19236	92	1670	8	4948	96	219	4
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

¹ Excluding special schools (boarding schools) and sanatorium schools

² Excluding pupils from specialised schools (boarding schools), pupils of specialised forms and those of grade 1st at pre-schools educational institutions

³ Until 2001/02 academic year, with two and three shifts

EDUCATION

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

(beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17
Ukraine	70	78	82	89	90	90	29	21	17	10	9	9
Autonomous Republic of Crimea	0,9	5	8	97	93	89
oblasts												
Vinnitsya	98	99	99,5	99,6	99,6	99,6	2	1	0,5	0,4	0,4	0,4
Volyn	99	99,7	99,8	99,8	99,9	99,9	1	0,3	0,2	0,2	0,1	0,1
Dnipropetrovsk	68	78	81	81	81	81	32	22	19	19	19	19
Donetsk	14	29	47	58	58	60	86	71	53	42	42	40
Zhytomyr	96	99	99	99,4	99,5	99,5	4	1	1	0,6	0,5	0,5
Zakarpattia	86	86	87	87	87	87	2	1	1	1	1	1
Zaporizhzhya	45	60	73	75	75	75	55	40	27	25	25	25
Ivano-Frankivsk	99	99,7	99,6	99,4	99,4	99,4	1	0,2	0,3	0,3	0,3	0,3
Kyiv	97	99	99	99,3	99,4	99,5	3	1	1	0,7	0,6	0,5
Kirovohrad	89	96	98	98	98	98	11	4	2	2	2	2
Luhansk	17	34	48	64	65	65	83	66	52	36	35	35
Lviv	98	99	99	99	99	99	2	1	1	1	1	1
Mykolayiv	74	87	92	92	92	92	26	13	8	8	8	8
Odesa	47	65	72	70	69	69	51	33	26	29	29	29
Poltava	93	97	98	98	99	99	7	3	2	2	1	1
Rivne	99,7	99,9	99,97	100	100	100	0,3	0,1	0,03	—	—	—
Sumy	83	93	96	96	96	96	17	7	4	4	4	4
Ternopil	99,7	99,8	99,9	99,9	99,9	99,9	0,3	0,2	0,1	0,1	0,1	0,1
Kharkiv	55	71	75	73	73	73	45	29	25	27	27	27
Kherson	76	83	85	84	84	85	24	17	15	16	16	15
Khmelnyskiy	98	99,3	99,5	99,5	99,5	99,6	2	0,4	0,2	0,2	0,2	0,2
Cherkasy	96	98	99	99	99	99	4	2	1	1	1	1
Chernivtsi	81	81	84	85	86	86	2	0,7	0,4	0,3	0,3	0,3
Chernihiv	94	99	99,5	99,6	99,6	99,6	6	1	0,5	0,4	0,4	0,4
cities												
Kyiv	93	96	97	97	97	97	7	4	3	3	3	3
Sevastopol	2	2	3	98	98	97

¹ Excluding pupils from specialized schools (boarding schools) and special classes

In addition to Ukrainian and Russian, other national languages of instruction are used in the schools of Ukraine. At the beginning of the 2016/17 academic year, 16,1 thsd. children were taught in Romanian, 16,0 thsd. in Hungarian, 2,7 thsd. in Moldovian, 1,8 thsd. in Polish, 0,4 thsd. in English, 0,1 thsd. in Slovakian and 0,06 thsd. in Bulgarian.

6.14. Night (part-time) secondary educational institutions

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

	2000/01	2005/06	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Total institutions	245	232	205	184	175	168	145	136	130
Total pupils (including distance learning) ¹ , thsd.	117	98	71	67	62	54	39	33	31
of which grades 10–12 (10–16)	99	87	63	61	56	48	35	30	28

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

EDUCATION

6.15. Pupils graduating from secondary educational institutions

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

	Finished 2 nd level schools (incomplete secondary education)			Finished 3 rd level schools (complete secondary education)		
	total	day	evening	total	day	evening
2000	720	708	12	475	445	30
2005	649	640	9	515	482	33
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

In 2016, 58,4% of graduates of the 9th joined the 10th grade at day secondary educational institutions, 2,2% were enrolled to part-time evening shift schools, 16,7% entered to professional training institutions, and 22,0% were enrolled to institutions of higher education.

6.16. Professional training institutions

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

	Total institutions	Total pupils, thsd.	Enrolled pupils, thsd.	Graduated qualified workers, thsd.
2000	970	524,6	307,3	266,8
2005	1023	496,6	314,2	286,6
2010	976	433,5	282,9	247,3
2011	976	409,4	241,7	240,1
2012	972	423,3	241,8	202,1
2013	968	391,2	225,2	227,3
2014	814	315,6	178,0	182,0
2015	798	304,1	176,6	165,0
2016	787 ¹	285,8	157,9	152,8
Vocational training of persons in 2016 who				
have completed secondary education	×	81,7	54,6	56,4
got the profession with obtaining the complete general secondary education	×	179,0	65,9	59,3
obtained qualification without complete secondary education	×	11,6	6,1	6,2
involved in vocational training				
not working population	×	2,2	4,8	4,6
enterprise workers	×	10,5	20,2	20,0
involved in upgrading				
not working population	×	0,1	2,9	2,8
enterprise workers	×	0,7	3,4	3,5

¹ In addition to 783 institutions of the Ministry of Education and Science of Ukraine data include 4 institutions of other ministries (agencies)

EDUCATION

6.17. Skilled workers graduating from professional training institutions, by region

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	266,8	286,6	247,3	240,1	201,2	226,5	182,0	165,0	152,8
Autonomous Republic of Crimea	8,7	10,0	9,0	9,5	6,6	8,4
oblasts									
Vinnitsya	10,9	14,5	11,3	9,8	8,0	9,8	8,9	7,9	7,4
Volyn	7,1	8,6	7,1	6,3	5,8	6,5	6,3	5,9	5,4
Dnipropetrovsk	20,0	24,5	23,9	21,8	18,4	19,9	18,3	16,9	14,5
Donetsk	28,4	29,7	24,4	23,9	17,3	21,2	7,8	6,7	6,2
Zhytomyr	7,1	6,9	5,8	5,9	5,1	5,4	5,4	5,2	4,6
Zakarpattia	5,1	5,4	4,8	4,9	4,0	4,4	3,6	3,4	2,8
Zaporizhya	13,0	15,3	10,9	10,7	10,0	10,8	10,2	8,4	7,5
Ivano-Frankivsk	5,4	6,8	6,2	6,2	5,5	6,2	5,9	5,6	5,0
Kyiv	9,0	9,9	7,6	7,1	5,9	6,7	6,3	5,6	5,3
Kirovohrad	7,6	7,9	5,8	5,6	3,8	4,3	4,2	4,1	3,3
Luhansk	18,7	17,1	15,1	14,7	11,0	13,6	3,7	3,0	2,4
Lviv	19,3	19,5	16,6	16,8	16,1	17,5	15,7	15,0	14,2
Mykolayiv	8,1	8,5	7,6	7,6	6,8	7,8	7,3	6,3	6,2
Odesa	9,2	10,0	10,1	10,0	9,2	9,2	9,1	8,9	9,0
Poltava	10,6	10,4	9,0	8,3	7,4	8,0	7,3	6,1	5,8
Rivne	5,8	6,6	6,3	6,5	6,4	6,6	6,4	6,3	5,8
Sumy	8,9	9,4	9,6	9,1	8,1	8,0	7,9	5,8	5,5
Ternopil	4,8	6,6	6,0	6,0	5,6	6,0	5,3	5,1	4,9
Kharkiv	15,5	15,8	11,2	10,1	8,4	9,2	8,5	7,7	7,3
Kherson	5,9	7,1	5,4	5,4	4,7	4,4	4,5	4,4	4,2
Khmelnyskiy	7,2	7,0	8,0	8,3	8,1	8,2	7,8	6,9	6,3
Cherkasy	6,2	5,8	5,3	5,4	5,0	5,3	5,3	5,3	5,6
Chernivtsi	3,9	4,7	4,0	4,2	3,5	4,0	3,8	3,7	3,4
Chernihiv	6,3	6,0	4,9	4,7	3,9	4,6	4,0	3,6	3,2
cities									
Kyiv	12,8	10,9	10,0	9,7	5,9	9,2	8,5	7,2	7,0
Sevastopol	1,3	1,7	1,4	1,6	0,7	1,3

EDUCATION

6.18. Institutions of higher education

(beginning of academic year)

	1 st and 2 nd levels of accreditation						3 rd and 4 th levels of accreditation					
	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ²
Total institutions	664	606	505	387	371	370	315	345	349	277	288	287
Total students, thsd.	528,0	505,3	361,5	251,3	230,1	217,3	1402,9	2203,8	2129,8	1438,0	1375,2	1369,4
full-time	400,8	373,4	302,9	218,2	203,1	193,2	859,5	1233,8	1250,2	935,1	938,2	946,9
Enrolled, thsd.	190,1	169,2	129,1	69,5	63,2	60,6	346,4	503,0³	392,0³	291,6³	259,9³	253,2³
full-time	141,2	124,8	105,9	60,2	57,4	54,1	219,5	305,0	276,2	219,4	206,3	201,0
Graduated, thsd.	148,6	142,7	111,0	79,1	73,4	68,0	273,6	372,4⁴	543,7⁴	405,4⁴	374,0⁴	318,7⁴
full-time	109,5	101,9	81,2	65,9	61,4	57,1	189,1	199,6	275,6	227,6	211,6	182,2

¹ See the second footnote to Table 6.5

² See the third footnote to Table 6.5

³ 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)

⁴ The graduates (excluding those who finished the relevant cycle of training, particularly bachelor, tourism and continue training in order to obtain a higher educational and qualification level)

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.

In 2016, 51,2 thsd. masters, 105,7 thsd. specialists, 106,2 thsd. bachelors and 123,5 thsd. junior specialists graduated.

At the beginning of the 2016/17 academic year, institutions of higher education employed 159,7 thsd. teachers, research and educational staff; this includes 13,2 thsd. doctors and 63,6 thsd. candidates of science, 11,6 thsd. professors and 43,1 thsd. senior lecturers.

6.19. Enrollment to institutions of higher education and training of specialists in 2016, by source of funds required for their training and educational and qualification levels

	Enrolled to primary cycle of training	Funds from				Graduated from institutions of higher education ¹
		Central budget		local budgets		
		total, persons	percentage of total number of the enrolled	total, persons	percentage of total number of the enrolled	
Total	313856	149710	47,7	19753	6,3	386668
By educational and qualification levels						
master	9925	3716	37,4	—	—	51208
specialist	3519	1514	43,0	—	—	105732
bachelor	185883	84585	45,5	1561	0,8	106186
junior specialist	114529	59895	52,3	18192	15,9	123542

¹ Excluding persons who continue their training in order to obtain a higher educational and qualification levels

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6.20. Institutions of higher education of the 1st and 2nd levels of accreditation, by region

(beginning of academic year)

	Total institutions						Enrollment, thsd.					
	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹
Ukraine	664	606	505	387	371	370	528,0	505,3	361,5	251,3	230,1	217,3
Autonomous Republic of Crimea	26	22	17	14,1	11,2	7,8
oblasts												
Vinnitsya	26	20	17	17	17	17	22,8	17,8	17,3	13,2	12,1	11,2
Volyn	15	14	11	10	10	10	10,7	11,0	7,9	8,0	7,6	7,4
Dnipropetrovsk	43	35	31	30	29	29	37,0	32,6	23,6	21,5	20,3	19,0
Donetsk	68	63	55	15	11	16	51,1	56,8	38,5	7,9	5,1	6,0
Zhytomyr	20	20	18	16	15	15	17,5	22,7	16,6	12,7	10,5	9,9
Zakarpattia	15	14	11	8	9	9	8,2	7,0	5,0	3,4	3,3	3,1
Zaporizhzhya	23	23	16	14	14	13	18,4	18,9	10,9	8,7	8,3	7,7
Ivano-Frankivsk	25	22	19	12	11	11	19,4	18,3	14,6	7,8	7,4	7,0
Kyiv	18	20	17	17	17	16	12,8	11,3	9,4	8,0	7,2	6,0
Kirovohrad	18	17	14	13	13	13	11,2	12,3	8,6	7,3	6,5	6,0
Luhansk	30	33	28	10	8	8	25,0	28,0	17,3	4,7	2,6	2,6
Lviv	40	33	23	21	21	21	33,4	30,8	20,3	15,3	14,4	13,8
Mykolayiv	17	12	11	11	11	11	13,1	10,4	7,6	6,2	5,9	6,2
Odesa	32	23	20	18	19	19	27,6	24,8	15,4	12,5	14,6	14,5
Poltava	24	18	16	14	12	12	18,0	14,3	11,2	8,9	7,6	6,8
Rivne	11	11	11	10	10	10	12,8	11,0	10,7	8,9	8,4	7,9
Sumy	21	12	10	10	10	10	14,5	6,6	5,4	5,1	4,7	4,3
Ternopil	13	12	10	12	12	12	11,0	9,5	7,4	8,1	7,8	7,6
Kharkiv	39	38	33	32	32	31	31,2	29,3	23,0	20,5	19,4	17,9
Kherson	18	15	13	11	12	12	14,3	15,0	10,0	5,9	6,7	6,5
Khmelnyskiy	15	15	10	11	10	9	9,6	10,9	7,3	6,8	5,2	4,9
Cherkasy	20	21	12	12	11	11	16,2	17,8	11,3	9,6	8,6	8,1
Chernivtsi	16	16	13	13	13	13	13,6	13,6	10,2	9,6	9,0	8,5
Chernihiv	20	21	17	14	14	12	15,6	15,4	9,4	6,5	6,1	4,6
cities												
Kyiv	46	51	47	36	30	30	44,9	45,1	32,6	24,2	20,8	19,8
Sevastopol	5	5	5	4,0	2,9	2,2

¹ See the second footnote to Table 6.5

EDUCATION

6.21. Students in institutions of higher education of the 1st and 2nd levels of accreditation, by language of instruction and region

(beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹
Ukraine	78	85	91	98	99	99	22	14	9	2	1	1
Autonomous Republic of Crimea	—	3	5	100	97	95
oblasts												
Vinnitsya	99	100	100	100	100	100	1	—	—	—	—	—
Volyn	100	100	100	100	100	100	—	—	—	—	—	—
Dnipropetrovsk	74	93	98	99	99,6	99,8	26	7	2	1	0,4	0,2
Donetsk	24	35	49	78	85	85	76	65	51	22	15	15
Zhytomyr	100	100	100	100	100	100	—	—	—	—	—	—
Zakarpattia	97	99	98	98	98	98	—	—	—	—	—	—
Zaporizhzhya	69	80	94	97	97	97	31	20	6	3	3	3
Ivano-Frankivsk	100	100	100	100	100	100	—	—	—	—	—	—
Kyiv	100	100	100	100	100	100	—	—	—	—	—	—
Kirovohrad	99	100	100	100	100	100	1	—	—	—	—	—
Luhansk	43	68	89	77	75	75	57	32	11	23	25	25
Lviv	100	100	100	100	100	100	—	—	—	—	—	—
Mykolayiv	95	100	100	100	100	100	5	—	—	—	—	—
Odesa	58	87	97	97	96	98	42	13	3	3	4	2
Poltava	90	100	100	100	100	100	10	—	—	—	—	—
Rivne	100	100	100	100	100	100	—	—	—	—	—	—
Sumy	92	100	100	100	100	100	8	—	—	—	—	—
Ternopil	100	100	100	100	100	100	—	—	—	—	—	—
Kharkiv	69	92	96	97	96	96	31	8	4	3	4	4
Kherson	73	89	100	100	100	100	27	11	—	—	—	—
Khmelnyskiy	100	100	100	100	100	100	—	—	—	—	—	—
Cherkasy	99,9	100	100	100	100	100	0,1	—	—	—	—	—
Chernivtsi	99,5	99	99	99	99	99	—	—	—	—	—	—
Chernihiv	99	100	100	100	100	100	1	—	—	—	—	—
cities												
Kyiv	98	99	100	100	100	100	2	1	—	—	—	—
Sevastopol	—	—	—	100	100	100

¹ See the second footnote to Table 6.5

As of the beginning of the 2016/17 academic year, 48 students studied in Hungarian in the Zakarpattia oblast and 86 students studied in Romanian in the Chernivtsi oblast.

EDUCATION

6.22. Institutions of higher education of the 3rd and 4th levels of accreditation, by region

(beginning of academic year)

	Total institutions						Enrollment, thsd.					
	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹
Ukraine	315	345	349	277	288	287	1402,9	2203,8	2129,8	1438,0	1375,2	1369,4
Autonomous Republic of Crimea	14	13	15	42,4	53,3	47,7
oblasts												
Vinnitsya	5	5	5	5	6	6	25,6	39,8	33,4	29,2	32,6	34,0
Volyn	3	4	4	4	4	4	18,1	23,8	25,7	19,8	19,0	19,3
Dnipropetrovsk	20	22	25	22	23	24	107,0	156,3	147,7	113,3	104,6	100,9
Donetsk	26	27	27	1	6	9	120,4	160,3	133,1	... ²	18,5	25,0
Zhytomyr	5	5	4	4	5	5	20,1	28,5	27,6	21,0	20,8	21,1
Zakarpattia	4	5	6	6	5	5	14,5	20,1	23,4	19,7	18,7	19,5
Zaporizhzhya	12	12	11	10	10	11	51,5	83,4	92,3	66,9	63,1	62,1
Ivano-Frankivsk	6	9	9	5	5	5	24,5	42,2	40,2	32,4	31,0	31,1
Kyiv	3	5	7	6	6	6	18,5	28,9	30,9	23,9	22,9	23,4
Kirovohrad	6	6	7	4	4	3	17,7	20,8	19,8	10,0	9,6	9,5
Luhansk	7	9	10	2	4	4	52,3	86,4	88,1	... ²	17,2	15,7
Lviv	17	28	23	22	21	21	83,8	127,8	137,1	114,0	111,0	111,1
Mykolayiv	3	5	5	5	5	5	21,7	33,5	35,8	29,7	27,2	26,3
Odesa	20	22	22	21	21	21	88,4	119,5	127,2	103,8	97,9	99,0
Poltava	8	8	7	7	7	6	38,5	58,8	53,8	42,8	42,0	41,8
Rivne	5	6	6	5	5	5	22,9	42,9	39,2	31,8	28,5	28,2
Sumy	6	5	5	5	6	5	27,0	59,2	46,3	35,6	33,1	32,3
Ternopil	9	11	8	8	8	8	43,8	57,4	47,5	33,5	32,9	34,6
Kharkiv	36	37	37	36	37	38	176,7	256,8	232,7	169,6	162,3	160,2
Kherson	6	6	8	7	8	8	25,2	29,7	28,5	21,4	20,5	20,7
Khmelnyskiy	10	10	10	9	9	9	28,7	39,4	43,4	30,3	28,2	27,5
Cherkasy	7	6	6	5	5	5	24,2	39,3	41,1	31,6	30,6	30,6
Chernivtsi	4	4	4	4	4	3	17,6	25,8	27,1	22,5	22,3	22,9
Chernihiv	4	5	5	3	3	4	19,4	26,7	22,9	16,8	15,3	16,4
cities												
Kyiv	66	65	69	71	71	67	259,9	525,7	521,8	386,5	365,4	356,2
Sevastopol	3	5	4	12,5	17,5	15,5

¹ See the third footnote to Table 6.5

² 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

EDUCATION

6.23. Students in institutions of higher education of the 3rd and 4th levels of accreditation, by language of instruction and region

(beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹	2000/01	2005/06	2010/11	2014/15	2015/16	2016/17 ¹
Ukraine	73	82	90	97	97	98	27	18	10	3	2	2
Autonomous Republic of Crimea	0,1	7	17	99,9	93	83
oblasts												
Vinnitsya	99	99	99	100	100	100	1	1	1	0,0	—	—
Volyn	100	100	100	100	100	100	—	—	—	—	—	—
Dnipropetrovsk	62	79	93	97	97	96	38	21	7	3	2	3
Donetsk	23	34	62	... ²	62	75	77	66	38	... ²	38	25
Zhytomyr	92	97	99	100	100	100	8	3	1	—	—	—
Zakarpattia	98	97	97	97	94	96	—	—	—	—	—	—
Zaporizhzhya	70	84	95	95	96	99	30	15	5	5	4	1
Ivano-Frankivsk	100	100	100	100	100	100	—	—	—	—	—	—
Kyiv	99,8	100	100	100	100	100	0,2	—	—	—	—	—
Kirovohrad	92	91	89	100	100	100	8	9	11	—	—	—
Luhansk	26	43	79	... ²	95	97	74	57	21	... ²	5	3
Lviv	100	100	100	100	100	100	—	—	—	—	—	—
Mykolayiv	91	99,8	99,8	99,7	99,8	99,9	9	0,2	0,2	0,3	0,2	0,1
Odesa	66	76	84	90	92	94	34	24	16	10	8	6
Poltava	83	99,1	100	100	100	99	17	0,9	—	—	—	1
Rivne	100	100	100	100	99,9	99,9	—	—	—	—	0,1	0,1
Sumy	100	99,8	100	100	99,3	99,7	—	0,2	—	—	0,3	—
Ternopil	100	100	99,9	100	100	100	—	—	—	—	—	—
Kharkiv	66	76	88	91	93,7	94,5	34	24	12	8	5,8	4,9
Kherson	60	65	89	97	99	100	40	35	11	3	1	—
Khmelnyskiy	99	99,8	99,9	99,9	100	100	1	0,2	0,1	0,1	0,0	0,0
Cherkasy	98	99,6	100	100	100	100	2	0,4	—	—	—	—
Chernivtsi	99,9	100	100	100	100	100	0,1	—	—	—	—	—
Chernihiv	94	96	96	94	100	100	6	4	4	6	—	—
cities												
Kyiv	94	96	95	98,8	99	99	6	3	5	0,8	0,5	0,4
Sevastopol	—	4	13	100	96	87

¹ See the third footnote to Table 6.5

² See the second footnote to Table 6.22

At the beginning of 2016/17, 1707 students in Kyiv city, 915 students in the Kharkiv, 141 students in the Dnipropetrovsk and 104 students in the Sumy oblast were taught in English, 836 students in the Zakarpattia oblast were taught in Hungarian.

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6.24. Training of postgraduate students

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total institutions offering postgraduate course	418	496	530	524	521	518	482	490	481
Total postgraduate students	23295	29866	34653	34192	33640	31482	27622	28487	25963
Enrolled	7744	9711	10626	10306	9916	8599	7568	9813	6609
full-time	5153	6006	6503	6382	6289	5596	4862	6528	4222
part-time	2591	3705	4123	3924	3627	3003	2706	3285	2387
Graduated	5132	6417	8290	8578	8499	8320	7597	7493	6703
full-time	3715	4279	5212	5309	5382	5348	4876	4794	4283
part-time	1417	2138	3078	3269	3117	2972	2721	2699	2420

6.25. Training of doctoral students

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total institutions offering doctorate training	209	240	263	266	271	276	264	283	282
Total Doctorate students	1131	1315	1561	1631	1814	1831	1759	1821	1792
Enrolled	376	461	603	605	639	623	596	650	584
Graduated	401	373	459	491	424	578	524	563	551

7. HEALTH CARE AND SOCIAL PROTECTION

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

Morbidity rate is defined by dividing the number of sick diagnosed for the first time by mid-year resident population. Morbidity prior to 1999 is disaggregated according to the ninth revision of the *International Classification of Diseases* (1975), from 1999 – according to the tenth revision of *International Classification of Diseases and Related Problems* in health care (ICD'10).

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

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

Data on hospital beds is reported at the end of the year. Statistics show beds equipped with necessary supplies and available for

patient use, regardless of whether the beds are occupied by patients.

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

Injured at work is an individual who had an accident at work and died or, based on a medical certificate, is incapable of working during one or more days. This person may be given an easier job for one or more days if a document registering the accident has been completed according to a specified form.

Disability is a social in sufficient as a result of health limitation, caused by health deviation with resistant organism disorder, what leads to the social care and assistance necessity.

Care homes for the aged and disabled (both adults and children) are medical and social institutions providing permanent accommodation to the aged and disabled people or children who require care.

Orphan is a child whose have parents died confirmed by the death certificate of each one.

Children in care are children who have became the responsibility of state institutions due to the fact that their parents were deprived of parental right, or they have been taken from parents without parental right loss. Their parents were declared missing or legally incapable, died, serve sentence at places of detention, are arrested during investigation, are sought by law enforcement bodies. The reasons for that could be the evasion of payment of alimony, lack of information about parents' location, long period illness that hampers the parents to take care of a child. This also can be children whose parents are unknown, the abandoned by parents, the abandoned in the maternity hospital or other health institution, on the children refused to

HEALTH CARE AND SOCIAL PROTECTION

take home by parents, other relatives and homeless children.

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

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

7.1. Health care institutions, facilities and personnel¹

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

	Total medical practitioners (doctors)	Total paramedical staff	Total hospitals	Total beds	Total out-patient facilities
1913	8	12	1,4	48	...
1940	36	102	2,5	161	8
1960	86	276	5,0	344	7
1965	111	332	4,9	428	6
1970	131	412	4,7	511	6
1975	157	484	4,1	578	6
1980	183	516	3,8	627	6
1985	211	567	3,8	669	6
1990	227	607	3,9	700	7
1995	230	595	3,9	639	7
2000	226	541	3,3	466	7
2005	224	496	2,9	445	8
2010	225 ²	467	2,8	429	9
2011	224 ²	459	2,5	412	8
2012	217 ²	441	2,4	404	8
2013	217 ²	441	2,2	398	11
2014	186 ²	379	1,8	336	10
2015	186 ²	372	1,8	333	10
2016	187 ²	367	1,7	315	10

¹ Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2016 the data cover the current territory of Ukraine

² Excluding dental technicians

HEALTH CARE AND SOCIAL PROTECTION

7.2. Health care indicators*(source: the Ministry of Health of Ukraine)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total medical practitioners (doctors)									
thsd.	226	224	225 ¹	224 ¹	217 ¹	217 ¹	186 ¹	186 ¹	187 ¹
per 10 thsd. population	46,2	47,9	49,3	49,3	47,9	48,0	43,5	43,7	44,0
Total paramedical staff									
thsd.	541	496	467	459	441	441	379	372	367
per 10 thsd. population	110,3	106,2	102,4	101,0	97,2	97,4	88,6	87,3	86,5
Total hospitals, thsd.	3,3	2,9	2,8	2,5	2,4	2,2	1,8	1,8	1,7
In which beds									
thsd.	466	445	429	412	404	398	336	333	315
per 10 thsd. population	95,0	95,2	94,0	90,6	89,1	88,0	78,5	78,1	74,3
Total out-patient medical institutions, thsd.	7,4	7,8	9,0	8,2	8,3	10,8	9,8	10,0	10,2
including									
institutions with dental departments ²	4,6	4,6	4,8	4,5	4,0	2,4	1,8	1,8	1,7
independent dental clinics ²	0,3	0,3	0,3	0,3	0,3	0,3	0,2	0,2	0,2
Capacity of out-patient facilities									
thsd. visits per shift	973	990	993	999	1023	1037	912	912	915
per 10 thsd. population	198,4	211,7	217,7	219,8	225,4	229,2	213,4	214,2	215,6

¹ See the second footnote to Table 7.1² Institutions belonging to the Ministry of Health of Ukraine

HEALTH CARE AND SOCIAL PROTECTION

7.3. Physicians of all specialisations, by region*(source: the Ministry of Health of Ukraine; end of year)*

	Thsd.						Per 10 thsd. population					
	2000	2005	2010 ¹	2014 ¹	2015 ¹	2016 ¹	2000	2005	2010 ¹	2014 ¹	2015 ¹	2016 ¹
Ukraine	226,3	223,8	224,9	185,9	186,2	186,8	46,2	47,9	49,3	43,5	43,7	44,0
Autonomous Republic of Crimea	11,1	10,7	10,2	53,3	54,4	52,3
oblasts												
Vinnitsya	8,3	8,3	8,1	7,9	7,8	7,7	46,6	48,9	49,5	49,0	48,7	48,3
Volyn	4,2	4,1	4,0	3,9	3,9	3,9	39,6	39,0	38,7	37,5	37,7	37,9
Dnipropetrovsk	17,5	16,6	16,4	15,2	15,3	15,2	47,7	48,3	49,2	46,4	46,9	47,2
Donetsk	22,4	21,6	19,8	5,5	5,7	5,9	46,0	46,9	44,7	... ²	... ²	... ²
Zhytomyr	5,4	5,2	5,0	4,8	4,8	4,7	38,5	39,3	38,9	38,1	38,2	37,9
Zakarpattia	5,2	5,2	5,2	5,1	5,0	5,0	40,6	42,1	42,0	40,4	40,2	39,4
Zaporizhzhya	9,5	8,8	8,6	8,4	8,5	8,8	48,3	47,6	47,9	47,5	48,4	50,4
Ivano-Frankivsk	6,6	6,7	8,2	8,2	8,4	8,4	45,6	48,7	59,5	59,8	60,8	60,9
Kyiv	6,0	5,8	7,2	7,2	7,3	7,4	33,4	32,8	42,2	41,6	42,5	42,8
Kirovohrad	4,0	3,7	3,6	3,4	3,5	3,4	35,3	35,2	36,2	35,2	35,7	35,4
Luhansk	10,7	10,3	10,0	2,0	2,1	2,1	41,2	43,0	43,8	... ²	... ²	... ²
Lviv	13,9	14,5	15,0	14,3	14,0	14,1	51,9	56,6	59,5	56,6	55,5	56,1
Mykolayiv	4,6	4,4	4,4	4,0	3,9	3,9	36,0	35,8	36,8	34,7	34,0	34,2
Odesa	11,9	11,2	11,7	11,3	11,2	11,2	48,0	46,8	49,0	47,4	47,0	47,3
Poltava	7,8	7,3	7,2	6,9	7,0	6,9	46,9	47,4	48,9	48,0	48,7	48,3
Rivne	4,6	4,7	4,8	4,8	4,8	4,8	38,9	40,6	41,6	41,1	41,6	41,5
Sumy	4,8	4,5	4,6	4,5	4,5	4,5	36,7	36,5	39,6	39,9	40,6	40,4
Ternopil	5,4	5,4	5,6	5,6	5,7	5,6	47,0	49,1	52,1	53,0	53,2	52,9
Kharkiv	15,2	15,8	15,9	15,6	15,6	15,7	52,0	56,1	58,0	57,5	57,8	58,3
Kherson	4,2	4,1	3,9	3,9	3,8	3,8	34,9	36,1	35,7	36,3	36,2	35,6
Khmelnyskiy	5,4	5,5	5,6	5,5	5,5	5,5	37,4	40,1	42,3	42,5	43,0	42,9
Cherkasy	5,4	5,1	5,0	4,8	4,8	4,8	37,9	37,8	39,0	38,5	38,6	38,8
Chernivtsi	4,4	4,9	5,6	5,4	5,4	5,4	47,2	54,0	62,0	59,4	59,1	59,4
Chernihiv	4,6	4,3	4,1	3,8	3,8	3,8	36,3	36,9	37,3	36,6	37,0	36,9
cities												
Kyiv	21,3	23,2	23,1	23,9	23,9	24,5	81,5	87,6	83,8	84,1	83,5	84,8
Sevastopol	1,9	1,9	2,1	48,0	49,1	55,1

¹ See the second footnote to Table 7.1² Information is not released due to low reliability of data used to make calculations

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

	Thsd.						Per 10 thsd. population					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Ukraine	541,0	496,3	466,8	378,9	371,7	366,8	110,3	106,2	102,4	88,6	87,3	86,5
Autonomous Republic of Crimea	23,1	21,9	20,1	111,5	111,1	102,9
oblasts												
Vinnitsya	20,5	18,9	17,6	16,7	16,6	15,7	114,4	111,7	107,7	103,9	103,8	99,2
Volyn	11,8	11,3	11,3	10,9	10,8	10,6	112,5	108,8	109,1	104,4	103,8	102,1
Dnipropetrovsk	39,3	35,3	32,2	29,5	28,8	28,4	107,0	102,4	96,6	90,3	88,7	88,1
Donetsk	55,1	48,4	41,6	14,5	13,3	14,8	113,1	104,9	94,0	... ¹	... ¹	... ¹
Zhytomyr	16,5	15,3	14,4	13,6	13,4	12,9	116,4	114,7	112,1	108,4	107,3	104,0
Zakarpattia	13,1	12,9	11,5	10,9	10,8	10,5	103,1	104,1	92,2	87,0	85,8	83,9
Zaporizhzhya	22,0	19,2	18,1	16,5	16,3	16,1	111,4	103,2	100,6	93,4	93,2	92,8
Ivano-Frankivsk	15,5	14,2	15,1	15,1	15,0	14,8	107,6	102,7	109,9	109,3	108,6	107,3
Kyiv	18,5	16,3	16,0	15,3	15,1	14,9	102,2	92,9	93,6	88,7	87,4	86,0
Kirovohrad	12,9	11,4	10,6	9,8	9,6	9,3	112,7	107,9	106,0	100,1	99,1	96,6
Luhansk	26,6	24,8	22,6	5,3	5,3	5,4	102,1	103,2	98,9	... ¹	... ¹	... ¹
Lviv	30,5	30,1	28,5	27,4	26,4	26,2	113,8	117,6	112,8	108,7	104,8	104,1
Mykolayiv	12,3	11,1	10,1	9,3	9,2	8,9	95,9	90,9	85,3	80,1	79,2	77,6
Odesa	24,9	21,8	22,4	20,9	20,2	20,1	100,5	91,3	94,4	87,7	84,7	84,6
Poltava	19,4	16,8	15,2	14,2	13,9	13,6	116,9	108,3	102,5	98,2	97,1	96,0
Rivne	13,2	13,5	13,3	12,6	12,5	12,3	112,3	116,9	115,7	108,8	107,8	105,5
Sumy	14,5	13,0	12,7	11,9	11,7	11,5	110,5	106,7	109,7	106,2	105,7	104,2
Ternopil	12,5	12,2	12,1	11,8	11,6	11,2	109,0	109,9	112,4	110,3	109,0	106,4
Kharkiv	32,3	28,7	26,4	24,4	24,0	23,8	110,7	102,0	96,4	90,0	88,9	88,7
Kherson	12,2	11,3	10,4	9,7	9,6	9,1	100,8	100,3	95,5	90,8	90,3	85,8
Khmelnyskiy	14,7	13,8	14,2	13,6	13,5	13,0	102,1	100,4	107,2	104,5	104,5	101,5
Cherkasy	16,2	14,6	13,5	12,6	12,4	12,0	113,5	108,9	105,5	100,8	100,0	97,8
Chernivtsi	9,4	9,0	9,5	9,3	9,2	9,1	101,0	99,4	105,4	102,5	101,4	100,1
Chernihiv	15,1	13,3	12,3	11,2	11,0	10,6	119,1	114,6	112,8	107,2	106,5	103,8
cities												
Kyiv	34,6	33,4	31,3	31,9	31,5	32,0	132,8	125,9	113,5	112,1	110,1	110,8
Sevastopol	4,3	3,8	3,8	111,0	100,2	99,5

¹ See the second footnote to Table 7.3

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

	Thsd.						Per 10 thsd. population					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Ukraine	466,0	444,9	428,7	335,8	332,7	315,1	95,0	95,2	94,0	78,5	78,1	74,3
Autonomous Republic of Crimea	19,3	17,9	17,2	92,9	90,6	88,0
oblasts												
Vinnitsya	16,1	15,6	14,3	12,1	11,5	10,9	90,2	92,1	87,8	75,3	72,0	69,1
Volyn	8,9	8,6	8,6	8,4	8,3	7,6	84,2	82,5	83,3	80,8	80,3	72,8
Dnipropetrovsk	40,3	37,5	35,3	29,9	29,0	28,5	109,9	109,0	106,0	91,3	89,4	88,4
Donetsk	44,3	41,7	38,5	12,6	12,9	13,0	90,9	90,5	87,1	... ¹	... ¹	... ¹
Zhytomyr	11,4	10,8	10,2	9,9	9,8	8,6	80,9	80,8	79,6	78,7	78,4	69,3
Zakarpattia	10,8	10,2	10,0	9,0	8,8	8,7	84,4	82,0	80,7	71,3	69,8	69,0
Zaporizhzhya	20,8	18,3	16,7	15,7	15,6	14,8	105,2	98,6	92,8	89,3	89,1	85,1
Ivano-Frankivsk	12,8	12,7	12,5	11,3	11,2	10,8	88,6	91,3	90,6	82,3	81,6	78,2
Kyiv	15,5	14,3	15,0	14,2	13,6	12,8	85,6	81,5	87,8	82,6	79,0	74,0
Kirovohrad	11,0	10,3	9,8	8,8	8,7	8,1	96,3	97,2	97,5	90,4	90,0	84,8
Luhansk	25,8	25,7	24,1	4,9	7,2	6,4	99,1	106,7	105,3	... ¹	... ¹	... ¹
Lviv	25,8	24,8	24,7	23,4	22,7	21,7	96,3	97,0	97,9	92,9	90,1	86,2
Mykolayiv	11,1	10,6	10,2	10,0	9,8	8,6	86,7	87,2	85,9	85,8	84,6	74,4
Odesa	22,7	21,8	22,4	20,0	19,7	18,8	91,7	91,1	94,1	83,7	82,8	79,1
Poltava	14,4	13,8	13,4	12,4	12,3	11,3	87,2	89,1	90,6	85,8	86,0	79,9
Rivne	10,3	10,5	10,5	9,5	9,6	8,7	87,7	90,9	91,3	82,0	82,4	74,8
Sumy	11,9	11,4	11,2	10,1	9,8	9,4	90,8	93,2	96,7	89,9	88,2	84,9
Ternopil	10,7	10,1	9,9	9,7	9,4	8,9	93,0	91,4	91,1	90,9	88,2	84,6
Kharkiv	29,0	27,8	25,2	24,0	24,0	23,1	99,4	98,7	92,0	88,6	88,7	85,8
Kherson	11,2	11,8	11,1	9,9	9,7	8,1	92,7	105,0	102,2	93,2	91,2	76,6
Khmelnyskiy	13,2	12,2	12,3	11,0	11,1	10,2	91,6	88,9	92,8	84,6	85,7	79,3
Cherkasy	12,9	12,1	11,5	10,7	10,4	9,9	90,3	90,7	89,3	85,9	84,4	81,0
Chernivtsi	8,2	8,3	8,1	7,2	7,2	6,8	87,6	91,5	89,5	79,1	79,1	75,1
Chernihiv	14,2	13,0	12,6	11,4	11,1	10,1	112,1	112,1	115,5	108,6	106,8	98,5
cities												
Kyiv	30,3	30,1	30,0	29,7	29,3	29,3	116,4	113,6	108,8	104,5	102,2	101,6
Sevastopol	3,1	3,0	3,4	80,8	79,1	89,1

¹ See the second footnote to Table 7.3

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

	Thsd. visitors per shift						Per 10 thsd. population					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Ukraine	973,0	989,9	992,8	912,3	912,3	914,6	198,4	211,7	217,7	213,4	214,2	215,6
Autonomous Republic of Crimea	35,1	34,9	34,3	169,5	176,6	175,3
oblasts												
Vinnitsya	25,3	25,8	26,1	34,9	34,8	35,6	141,3	152,5	159,6	217,4	217,9	224,9
Volyn	17,9	18,0	18,3	18,6	18,6	18,7	170,0	173,2	176,6	178,7	179,4	180,0
Dnipropetrovsk	93,7	93,2	90,9	94,3	95,6	94,6	255,7	270,6	272,8	288,3	293,9	293,2
Donetsk	86,4	94,0	85,3	36,0	36,3	36,5	177,3	204,0	193,0	... ¹	... ¹	... ¹
Zhytomyr	32,5	32,3	32,1	33,1	32,6	32,3	230,3	242,7	250,7	263,4	261,3	260,5
Zakarpattia	24,2	24,8	27,6	29,8	29,8	29,7	189,9	199,7	221,8	237,2	237,4	236,7
Zaporizhzhya	36,4	37,1	37,0	39,5	40,1	40,1	184,3	199,4	205,4	223,5	228,6	230,7
Ivano-Frankivsk	20,5	20,6	23,2	27,1	27,2	27,3	141,8	149,0	168,5	196,6	197,1	197,9
Kyiv	35,1	34,3	36,0	39,5	39,7	39,2	194,5	195,0	210,1	229,0	229,7	226,9
Kirovohrad	27,2	27,0	28,8	29,0	28,9	28,7	238,3	254,1	287,0	298,0	298,7	299,3
Luhansk	53,9	53,4	48,9	17,4	18,5	18,3	207,0	222,2	214,0	... ¹	... ¹	... ¹
Lviv	47,3	48,0	48,9	51,1	50,0	51,2	176,1	187,6	193,5	202,8	198,8	203,5
Mykolayiv	23,3	22,3	23,1	25,6	25,4	26,8	181,4	183,4	195,6	219,6	219,1	233,5
Odesa	48,3	50,9	49,0	49,6	49,0	50,3	195,1	212,8	206,2	208,0	206,1	211,6
Poltava	37,2	38,1	38,5	38,1	37,0	37,0	224,4	246,5	259,9	264,5	258,6	260,5
Rivne	22,7	23,7	24,5	28,5	28,8	24,6	192,9	204,7	212,5	245,4	247,8	211,7
Sumy	26,9	27,5	27,5	27,3	26,9	26,7	204,7	224,4	237,1	243,8	241,9	242,0
Ternopil	19,8	20,2	21,2	21,8	21,7	21,7	173,0	181,8	196,4	204,6	204,2	205,2
Kharkiv	57,2	60,9	62,4	66,0	67,1	69,2	195,8	216,3	227,6	243,1	248,3	257,8
Kherson	21,0	21,4	21,5	21,4	21,4	22,3	173,2	190,6	197,6	200,8	201,8	211,5
Khmelnyskiy	25,8	25,2	25,4	26,0	26,2	26,4	178,8	184,2	191,9	200,5	202,8	205,5
Cherkasy	27,4	27,6	29,8	30,4	30,4	31,1	191,5	206,2	232,4	243,3	245,6	253,2
Chernivtsi	15,1	15,9	17,0	17,4	17,4	17,5	162,4	175,3	188,7	192,3	192,2	193,1
Chernihiv	24,1	23,8	24,3	25,2	25,2	25,0	190,9	205,6	223,2	240,3	243,5	243,9
cities												
Kyiv	81,1	81,6	83,3	84,7	83,7	83,8	311,2	307,7	302,2	297,6	292,3	290,7
Sevastopol	7,6	7,4	7,9	196,1	195,1	209,7

¹ See the second footnote to Table 7.3

7.7. Morbidity, by disease*(source: by system the Ministry of Health of Ukraine; cases of newly registered diseases)*

	Thsd.						Per 100 thsd. population					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Total diseases	33471	32912	33080	26881	26789	27361	67966	70138	72401	62759	62775	64375
including												
some infectious												
and parasitic diseases	1436	1337	1195	971	939	926	2915	2850	2617	2266	2201	2179
neoplasm	382	408	418	363	366	369	776	870	915	847	859	868
diseases of blood												
and hemogenic												
organs and selected												
immunity disorders	246	238	223	179	178	175	499	506	489	418	416	411
diseases of endocrine												
system, nutrition and												
metabolic disorders ¹	596	549	512	412	403	394	1210	1170	1120	961	945	927
psychological and												
behavioural disorders	243	228	193	137	136	131	494	486	422	319	320	308
diseases of the												
nervous system ²	748	754	750	651	653	647	1519	1607	1641	1521	1530	1523
diseases of eyes and												
eye adventive organ ²	1541	1615	1645	1395	1399	1371	3129	3441	3601	3257	3278	3227
diseases of ears and												
mammillary												
appendix ²	1149	1197	1225	1017	1013	1007	2332	2550	2680	2375	2374	2369
diseases of blood												
circulation system	2338	2430	2390	1880	1844	1826	4747	5179	5230	4389	4321	4296
diseases of												
respiratory organs	14639	13894	14595	11839	11862	12582	29727	29609	31943	27640	27796	29602
digestion disorders	1429	1410	1341	1135	1141	1114	2903	3004	2935	2650	2674	2622
diseases of skin												
and hypodermic												
cellular tissue	1996	1936	1921	1570	1567	1564	4053	4126	4204	3666	3671	3680
disease of bony												
and muscle systems												
and connective tissue	1571	1600	1532	1247	1246	1241	3191	3411	3353	2912	2919	2919
diseases of urogenital												
system	1939	2185	2138	1756	1779	1761	3937	4655	4681	4100	4169	4143
pregnancy, delivery												
and postnatal period	588	661	612	468	430	415	4621 ³	5342 ³	5233 ³	4473 ³	4165 ³	4074 ³
congenital anomalies												
(defects of growth),												
deformation and												
chromosome												
disorders	62	53	52	48	48	47	125	114	115	112	113	111
traumas, poisoning												
and some other												
consequences												
of external affects	2339	2264	2217	1723	1698	1705	4749	4825	4853	4023	3979	4013

¹ According to ICD'10, hyperplasia of thyroid gland is treated as diffuse goitre and starting from 1999 it is classified as a disease of endocrine system, nutrition and metabolic disorders² According to ICD'10, from 1999 diseases of eyes and eye adventive organ and diseases of ears and mammillary appendix were eliminated from class of diseases of the nervous system and hearing and classified in separate groups³ Per 100 thsd. women of fertility age (15–49)

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7.8. Incidence of selected infectious diseases*(source: the Ministry of Health of Ukraine)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total cases									
Acute intestinal diseases, thsd.	102,5	83,2	87,5	87,2	88,9	95,3	86,3	95,7	97,3
Typhoid fever and paratyphus A, B and C	103	90	8	18	3	9	1	4	4
Infections caused by salmonella, thsd.	8,0	7,5	9,8	8,5	9,8	11,0	8,4	8,3	8,9
Virus hepatitis, thsd.	38,6	26,9	12,2	11,5	11,0	13,7	13,5	12,4	12,7
Flu and acute infections of respiratory organs, mln.	9,8	8,5	8,6	8,1	7,1	7,6	6,4	6,6	7,8
Scarlet fever, thsd.	16,1	10,3	14,4	20,9	15,8	13,1	11,6	8,0	6,7
Diphtheria	365	98	17	8	5	6	4	2	4
Whooping cough, thsd.	2,2	1,5	1,1	2,9	2,3	0,7	1,4	2,4	3,1
Tetanus	36	16	13	12	23	16	9	12	10
Acute poliomyelitis	6	1	—	—	—	—	—	—	—
Measles, thsd.	0,8	2,4	0,0	1,3	12,7	3,3	2,3	0,1	0,1
Per 100 thsd. population, cases									
Acute intestinal diseases	208,1	177,3	191,6	191,6	195,7	210,3	201,5	224,3	229,0
Typhoid fever and paratyphus A, B and C	0,2	0,2	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Infections caused by salmonella	16,2	15,9	21,4	18,6	21,6	24,2	19,6	19,6	21,0
Virus hepatitis	78,3	57,3	26,8	25,3	24,2	30,3	31,4	29,1	29,9
Flu and acute infections of respiratory organs	19897	18051	18770	17709	15619	16806	14948	15361	18317
Scarlet fever	32,6	21,9	31,6	45,9	34,7	29,0	27,0	18,8	15,7
Diphtheria	0,7	0,2	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Whooping cough	4,6	3,2	2,3	6,5	5,0	1,5	3,4	5,7	7,4
Tetanus	0,1	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,0
Acute poliomyelitis	0,0	0,0	—	—	—	—	—	—	—
Measles	1,7	5,1	0,1	2,9	28,1	7,3	5,4	0,2	0,2

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

	HIV infected persons						Of which positive persons					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Total newly registered HIV infected persons												
thsd.	6,3	13,8	20,5	19,3	15,9	17,1	0,7	4,2	5,9	9,9	8,5	8,9
per 100 thsd. population	12,9	29,4	44,9	45,1	37,2	40,2	1,3	9,0	12,8	23,0	19,9	20,9
Total patients registered at medical institutions, end of year												
thsd.	30,7	62,9	110,5	138,1	126,8	133,1	0,9	5,1	14,0	33,3	34,1	38,8
per 100 thsd. population	63,1	134,6	242,3	323,0	297,6	313,8	1,9	10,9	30,8	77,9	80,0	91,4

¹ 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.

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

	HIV infected persons					Including HIV infected persons – positive persons				
	2000	2005	2010	2015	2016	2000	2005	2010	2015	2016
Ukraine	6307	13786	20521	15892	17100	653	4220	5871	8475	8867
Autonomous Republic of Crimea	412	896	1086	92	235	182
oblasts										
Vinnitsya	101	248	359	303	300	8	82	180	183	168
Volyn	96	158	214	278	254	3	26	99	128	128
Dnipropetrovsk	920	2045	3259	2881	3085	17	778	1116	2047	1982
Donetsk	1503	2997	4031	1024	1432	73	1343	1226	645	871
Zhytomyr	59	225	463	462	455	7	68	133	216	205
Zakarpattia	17	36	62	71	106	1	9	3	52	54
Zaporizhzhya	144	406	558	573	721	18	102	195	377	447
Ivano-Frankivsk	18	74	170	180	166	4	8	41	85	65
Kyiv	63	333	753	973	1075	3	95	192	408	467
Kirovohrad	45	173	302	519	434	1	13	75	230	165
Luhansk	153	525	746	184	256	5	67	295	102	133
Lviv	89	209	479	454	490	5	43	153	189	176
Mykolayiv	453	802	1107	863	1031	75	288	82	371	439
Odesa	977	1349	2143	2385	2158	275	442	461	1407	1429
Poltava	121	303	413	450	405	—	80	183	256	211
Rivne	22	82	244	249	253	4	9	23	86	100
Sumy	36	92	217	224	206	3	21	67	99	91
Ternopil	60	65	105	116	131	—	14	39	41	48
Kharkiv	153	401	527	527	618	8	42	126	204	272
Kherson	195	327	560	521	583	18	61	133	187	212
Khmelnyskiy	110	241	297	194	200	1	48	105	128	138
Cherkasy	151	300	471	542	570	3	94	173	262	251
Chernivtsi	25	62	102	98	97	9	23	18	50	38
Chernihiv	84	236	507	498	462	1	27	115	238	238
cities										
Kyiv	217	1023	1088	1323	1612	15	73	371	484	539
Sevastopol	83	178	258	4	129	85

¹ See the footnote to Table 7.9

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total newly registered									
thsd.	156,6	157,5	156,2	159,0	162,6	163,5	134,5	134,1	134,3
per 100 thsd. population	318	336	342	349	358	361	314	314	316
Total patients registered at medical institutions, end of year									
thsd.	768,3	864,3	988,6	1015,5	1052,2	1090,1	954,1	961,8	985,4
per 100 thsd. population	1567	1849	2168	2234	2319	2409	2231	2258	2323

7.12. Incidence of malignant tumours in 2016, by location*(source: the Ministry of Health of Ukraine)*

	Thsd.			Per 100 thsd. population		
	total	including		total	including	
		males	females		males	females
Total newly registered	134,3	63,5	70,8	316,0	322,9	310,1
including malignant tumour						
lips, mouth and throat	5,0	4,0	1,0	11,7	20,3	4,2
oesophagus	1,7	1,5	0,2	3,9	7,4	0,9
stomach	7,9	4,7	3,2	18,5	23,9	13,9
rectum	7,2	3,8	3,4	17,0	19,5	14,8
larynx	2,0	1,9	0,1	4,6	9,5	0,5
trachea, bronchi, lungs	12,8	10,2	2,6	30,2	51,9	11,5
skin	18,6	7,7	10,9	43,8	39,3	47,8
mammary glands	14,4	0,1	14,3	34,0	0,6	62,7
womb	10,7	×	10,7	47,0 ¹	×	47,0
kidney	4,6	2,7	1,9	10,7	13,6	8,3
urine bladder	4,3	3,5	0,8	10,1	17,8	3,5
thyroid gland	2,9	0,4	2,5	6,9	2,4	10,9
lymphatic and hemogenic tissue	7,1	3,6	3,5	16,7	18,2	15,5

¹ Per 100 thsd. females

HEALTH CARE AND SOCIAL PROTECTION

7.13. Incidence of mental illness*(source: by system the Ministry of Health of Ukraine)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total newly registered									
thsd.	129,0	113,6	107,4	105,9	103,4	102,6	79,8	80,9	76,6
per 100 thsd. population	262	242	235	233	228	227	186	189	180
Total registered at medical institutions, end of year									
thsd.	1202	1176	1169	1164	1161	1159	978	982	973
per 100 thsd. population	2452	2516	2563	2561	2559	2561	2287	2305	2294

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total newly registered									
thsd.	29,8	39,6	31,3	30,7	31,0	30,8	25,5	23,9	23,3 ¹
per 100 thsd. population	60,4	84,4	68,5	67,3	68,2	68,0	59,6	56,0	54,8
including active form of tuberculosis of respiratory organs									
thsd.	27,9	37,8	29,5	29,0	29,3	29,3	24,3	22,7	22,1
per 100 thsd. population	56,7	80,5	64,7	63,7	64,4	64,6	56,6	53,3	51,9
Total patients registered at medical institutions, end of year									
thsd.	122,9	103,2	78,6	70,7	61,7	47,6	38,7	36,2	35,0
per 100 thsd. population	250,6	220,7	172,5	155,6	136,1	105,2	90,5	85,1	82,4

¹ 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

HEALTH CARE AND SOCIAL PROTECTION

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

	Persons						Per 100 thsd. population					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Ukraine	29753	39608	31295	25543	23896	23292	60,4	84,4	68,5	59,6	56,0	54,8
Autonomous Republic of Crimea	1190	1743	1639	57,2	88,0	83,8
oblasts												
Vinnitsya	999	1199	925	809	758	769	55,6	70,4	56,4	50,3	47,4	48,4
Volyn	611	714	580	713	653	620	58,0	68,7	56,1	68,6	62,8	59,7
Dnipropetrovsk	2329	2841	3140	2600	2566	2105	63,2	82,1	93,9	79,2	78,7	65,0
Donetsk	3364	4816	3570	2499	1086	1172	68,6	103,9	80,5	... ¹	... ¹	... ¹
Zhytomyr	932	1295	978	853	830	780	65,7	96,8	76,2	67,7	66,3	62,7
Zakarpattia	616	737	744	731	749	765	48,3	59,2	59,8	58,2	59,6	60,9
Zaporizhzhya	1303	1736	1219	1144	1085	1066	65,6	92,9	67,5	64,6	61,7	61,1
Ivano-Frankivsk	837	1101	911	882	845	718	57,9	79,3	66,1	63,9	61,2	52,1
Kyiv	989	1244	988	1133	1194	1280	54,5	70,5	57,6	65,8	69,2	74,1
Kirovohrad	736	1184	823	774	747	648	64,0	110,7	81,7	79,2	77,0	67,3
Luhansk	1997	2784	1904	248	316	370	76,2	115,0	82,9	... ¹	... ¹	... ¹
Lviv	1748	2023	1678	1659	1509	1557	65,0	78,9	66,4	65,8	59,9	61,9
Mykolayiv	941	1365	1076	838	803	777	72,9	111,5	90,7	71,9	69,2	67,4
Odesa	1720	2292	1842	2342	2446	2594	69,3	95,6	77,4	98,2	102,7	109,1
Poltava	830	879	789	796	789	799	49,9	56,5	53,1	55,1	54,9	56,1
Rivne	776	940	679	646	636	611	65,7	81,2	59,0	55,7	54,8	52,6
Sumy	724	724	597	612	623	615	54,7	58,7	51,3	54,4	55,8	55,6
Ternopil	509	756	594	500	409	475	44,3	67,9	54,8	46,8	38,4	44,8
Kharkiv	1593	2563	1592	1140	1182	1163	54,3	90,8	58,0	41,9	43,6	43,2
Kherson	1122	1978	1167	904	875	799	92,2	174,9	107,1	84,6	82,3	75,6
Khmelnyskiy	786	887	707	748	724	690	54,3	64,4	53,3	57,5	55,9	53,6
Cherkasy	730	931	769	719	716	654	50,7	69,2	59,8	57,4	57,6	53,0
Chernivtsi	428	512	443	366	364	273	45,8	56,5	49,2	40,4	40,1	30,1
Chernihiv	792	901	749	663	677	656	62,2	77,0	68,4	63,0	65,0	63,6
cities												
Kyiv	956	1228	950	1224	1314	1336	36,7	46,5	34,5	43,1	46,0	46,5
Sevastopol	195	235	242	50,1	62,4	63,9

¹ See the second footnote to Table 7.3

HEALTH CARE AND SOCIAL PROTECTION

7.16. Incidence of illnesses due to drug addiction*(source: by system the Ministry of Health of Ukraine)*

	2000	2005	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.	51,8	57,0	42,7	40,7	39,4	37,8	30,9	28,9	29,4
per 100 thsd. population	105	122	94	89	87	83	72	68	69
narcotics (excluding alcohol) and other psychoactive materials (drug and toxin addiction)									
thsd.	11,7	6,9	6,3	5,9	5,5	4,8	3,8	3,7	3,8
per 100 thsd. population	23,9	14,7	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.	687,7	650,2	607,5	597,8	585,0	573,8	484,1	475,7	470,2
per 100 thsd. population	1402	1391	1332	1315	1289	1268	1132	1117	1109
narcotics (excluding alcohol) and other psychoactive materials (drug and toxin addiction)									
thsd.	76,0	87,9	80,6	79,8	79,0	77,6	62,2	61,7	62,2
per 100 thsd. population	155	188	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.

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total newly registered									
Syphilis									
thsd.	45,2	19,8	7,5	6,4	5,3	4,6	3,7	3,2	3,2
per 100 thsd. population	91,9	42,2	16,3	14,2	11,7	10,1	8,6	7,6	7,6
Gonorrhoea									
thsd.	26,1	18,2	10,1	9,4	8,8	8,2	6,2	5,7	5,3
per 100 thsd. population	52,9	38,7	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.	168,1	96,2	54,9	48,7	43,2	38,5	29,1	26,3	23,6
per 100 thsd. population	342,8	205,7	120,5	107,1	95,1	85,1	68,1	61,8	55,7

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7.18. Abortions*(source: the Ministry of Health of Ukraine)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total abortions ¹ , thsd.	434	264	177	169	153	148	116	106	101
per 1000 women aged 15–49	34,1	21,3	15,1	14,7	13,5	13,2	11,1	10,3	9,9
per 100 deliveries (including still-born)	113	62	36	34	30	30	26	26	26

¹ Includes mini abortions conducted by applying vacuum aspiration during the first weeks of pregnancy**7.19. Industrial injuries**

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Thsd.									
Number of accident victims that resulted in loss of labour capacity for one or more days and fatal accidents victims	34,3	21,2	12,2	10,9	10,1	8,5	5,0	4,4	4,4 ¹
including fatal accidents	1,2	1,0	0,6	0,6	0,6	0,5	0,4	0,3	0,4
Total days of disability	...	769	492	444	412	364	201	212	222
Per 1000 employees									
Number of accident victims that resulted in loss of labour capacity for one or more days and fatal accidents victims	2,6	1,8	1,2	1,1	1,0	0,9	0,6	0,6	0,6
including fatal accidents	0,095	0,084	0,056	0,058	0,057	0,050	0,043	0,040	0,045
Total days of disability	...	65,7	47,4	43,3	39,9	38,6	22,4	26,3	28,3
Per 1 injured									
Total person of disability	...	36,3	40,2	40,7	41,0	42,6	40,4	47,7	50,2

¹ Therefore, 0,2 thsd. of the injured partially lost their ability to work and were transferred from their main job to another job for one working day and more

In 2016, traumas unrelated to production caused injuries of 1,4 thsd. persons, of which death of 0,5 thsd. persons; loss of 25 thsd. days of work, 18,2 person-days per injured person.

HEALTH CARE AND SOCIAL PROTECTION

7.20. Disabled persons, by region¹*(as of January 1, 2017; persons)*

	Total	Including			
		1 st group	2 nd group	3 rd group	disabled children
Ukraine	2603319	240591	900478	1306151	156099
Autonomous Republic of Crimea
oblasts					
Vinnysya	119369	12128	34088	66249	6904
Volyn	80165	9175	27270	38298	5422
Dnipropetrovsk	174636	14825	51274	95714	12823
Donetsk	162818	14464	48857	92739	6758
Zhytomyr	105178	12130	40759	46304	5985
Zakarpattia	73197	6119	21152	39458	6468
Zaporizhzhya	109678	10149	35967	56795	6767
Ivano-Frankivsk	99977	8732	32732	52493	6020
Kyiv	119111	10513	52321	48162	8115
Kirovohrad	59093	4870	17574	32829	3820
Luhansk	51970	4920	18847	26022	2181
Lviv	199368	17473	52020	119241	10634
Mykolayiv	66731	6398	19157	36432	4744
Odesa	148190	13657	70991	55676	7866
Poltava	93970	8209	35969	44688	5104
Rivne	72241	6141	20452	39060	6588
Sumy	60560	6556	19730	30604	3670
Ternopil	66038	6502	19519	35407	4610
Kharkiv	166494	12456	64918	80138	8982
Kherson	51773	4610	14904	28494	3765
Khmelnyskiy	127863	11195	43321	67692	5655
Cherkasy	107287	10228	42170	50394	4495
Chernivtsi	53156	4937	15689	28355	4175
Chernihiv	78953	10131	26917	37647	4258
cities					
Kyiv	155503	14073	73880	57260	10290
Sevastopol

¹ According to data from the Ministry of Social Policy of Ukraine, the Ministry of Health Care of Ukraine and Pension Fund of Ukraine. Regardless of type of pension received by the disabled. Information excludes data on the number of those who receive the state social aid according to Ukraine's law *On the state social aid to the persons who do not have the right to pension and the disabled* in the Odesa region

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7.21. Persons declared disabled for the first time in 2016, by disease*(source: the Ministry of Health of Ukraine)*

	Thsd.		Percent		Per 10 thsd. population	
	total ¹	including of working age	total ¹	including of working age	total ¹	including of working age
Total	136302	112187	100,0	100,0	39	47
due to the following diseases						
infectious and parasitic diseases	6990	6809	5,1	6,1	2	3
neoplasm	30403	23180	22,3	20,7	9	10
endocrine system, nutrition and metabolic disorders	6574	5327	4,8	4,7	2	2
blood and hemogenic organs and selected disorders involving the immunity	285	266	0,2	0,2	0	0
psychological and behavioural disorders	7571	6539	5,6	5,8	2	3
nervous system	6565	5924	4,8	5,3	2	3
eyes and eye adventive organ	4378	3352	3,2	3,0	1	1
ears and mamillary appendix	914	879	0,7	0,8	0	0
blood circulation	30630	22178	22,5	19,8	9	9
respiratory organs	2240	2045	1,6	1,8	1	1
digestion organs	3424	3224	2,5	2,9	1	1
urogenital system	1795	1522	1,3	1,3	1	1
bony and muscle systems and connective tissue	15548	13359	11,4	11,9	4	6
traumas, poisoning and consequences of other external reasons	15328	14144	11,3	12,6	4	6
other reasons	3657	3439	2,7	3,1	1	1

¹ Population aged 18 and older

Of total number of the injured, 2,0 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 1,8 thsd. (89,2%) were of working age.

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7.22. Persons declared disabled for the first time, by region*(source: the Ministry of Health of Ukraine; population aged 18 and older)*

	Total				Including in rural area			
	2000	2005	2015	2016	2000	2005	2015	2016
Ukraine	215,2	212,2	138,2	136,3	62,6	64,9	47,9	48,1
Autonomous Republic of Crimea	13,1	11,3	4,0	4,0
oblasts								
Vinnitsya	7,6	7,8	7,0	6,5	3,5	3,6	3,2	3,1
Volyn	4,7	4,0	3,8	3,4	1,9	1,8	1,8	1,7
Dnipropetrovsk	15,7	15,5	11,0	11,0	2,0	2,0	1,8	1,8
Donetsk	21,5	24,4	6,7	7,0	2,8	2,7	1,0	1,1
Zhytomyr	7,4	6,3	4,6	4,5	3,0	2,5	1,9	1,8
Zakarpattia	3,4	5,3	3,9	3,8	2,1	3,7	2,7	2,7
Zaporizhzhya	8,1	7,9	6,9	7,0	1,6	1,5	1,4	1,4
Ivano-Frankivsk	5,7	5,5	4,8	4,8	2,8	3,1	2,6	2,7
Kyiv	7,4	7,1	6,4	6,3	2,8	2,8	2,5	2,6
Kirovohrad	4,7	4,6	3,7	3,6	1,7	1,6	1,4	1,5
Luhansk	9,8	10,6	2,1	2,4	2,0	2,6	0,7	0,8
Lviv	13,1	11,3	11,2	10,8	4,6	4,3	4,8	4,7
Mykolayiv	5,3	6,2	4,2	4,3	1,6	2,0	1,4	1,4
Odesa	11,8	12,9	7,9	7,9	4,3	4,7	3,2	3,6
Poltava	7,7	6,6	5,7	5,4	3,1	2,6	2,3	2,2
Rivne	5,5	5,0	3,7	3,8	2,7	2,5	2,1	2,1
Sumy	5,6	3,9	3,5	3,6	1,6	1,1	1,0	1,0
Ternopil	3,5	4,9	3,9	3,7	1,7	2,8	2,3	2,2
Kharkiv	12,0	9,9	8,5	8,4	2,2	1,7	1,8	1,9
Kherson	4,6	5,0	3,3	3,1	1,5	1,9	1,1	1,1
Khmelnyskiy	6,0	5,7	4,5	4,4	2,5	2,4	1,9	1,9
Cherkasy	7,0	6,2	4,1	4,3	2,5	2,4	1,6	1,6
Chernivtsi	3,3	4,0	3,2	3,0	1,6	2,3	1,9	1,8
Chernihiv	6,4	5,7	4,1	4,0	2,4	2,2	1,5	1,4
cities								
Kyiv	12,5	12,5	9,5	9,3	—	—	—	—
Sevastopol	1,8	2,1	0,1	0,1

7.23. Care homes for the aged and disabled (adults, children and young)*(source: the Ministry of Social Policy of Ukraine; end of year)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total care homes	275	319	323	324	324	323	290	290	289
including beds, thsd.	53,0	57,1	58,4	58,4	58,1	58,4	51,0	50,1	49,9
of which									
for aged and disabled adults	43,8	48,3	50,3	50,4	50,2	50,8	44,0	43,2	43,1
for disabled children	9,2	8,8	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 1377,6 thsd. persons.

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7.24. Care homes for the aged and disabled (adults, children and young), by region*(source: the Ministry of Social Policy of Ukraine)*

	Total care homes					In which beds				
	2000	2005	2014	2015	2016	2000	2005	2014	2015	2016
Ukraine	275	319	290	290	289	52997	57124	51064	50081	49857
Autonomous Republic of Crimea	10	10	1802	1932
oblasts										
Vinnitsya	10	10	10	10	10	2041	2041	2041	2041	1976
Volyn	6	6	6	6	6	915	915	833	835	835
Dnipropetrovsk	18	18	18	18	18	3720	3716	3961	3907	3899
Donetsk	17	19	11	10	10	5185	5914	3726	3101	2866
Zhytomyr	12	15	15	15	15	2249	2644	2617	2617	2614
Zakarpattia	7	7	7	7	7	1396	1422	1322	1317	1317
Zaporizhzhya	11	11	11	12	11	2240	2390	2779	2777	2813
Ivano-Frankivsk	8	8	9	9	9	1325	1325	1256	1265	1275
Kyiv	9	12	11	11	11	1699	1982	2010	2055	2020
Kirovohrad	12	12	12	12	12	1590	1885	1890	1905	1875
Luhansk	14	19	10	10	10	2616	3268	1288	1298	1296
Lviv	13	13	13	13	13	1650	1748	1831	1757	1851
Mykolayiv	10	10	10	10	10	1417	1542	1553	1553	1553
Odesa	10	10	10	10	10	2149	2140	2180	1988	2078
Poltava	14	14	14	14	14	2600	2675	2400	2350	2305
Rivne	7	7	7	7	7	1165	1151	1215	1210	1208
Sumy	13	13	13	13	13	1957	2011	1920	1915	1915
Ternopil	7	7	7	7	7	1276	1276	1046	1046	1026
Kharkiv	16	18	18	18	18	3675	3660	3352	3352	3352
Kherson	6	11	11	11	11	1443	1650	1641	1571	1558
Khmelnyskiy	7	31	29	29	29	1095	2027	2025	2025	2025
Cherkasy	14	14	14	14	14	2205	2225	2309	2326	2338
Chernivtsi	7	7	7	7	7	935	871	1147	1145	1150
Chernihiv	9	9	9	9	9	1975	2028	2015	2018	2005
cities										
Kyiv	7	7	8	8	8	2507	2507	2707	2707	2707
Sevastopol	1	1	170	179

HEALTH CARE AND SOCIAL PROTECTION

7.25. Cash benefits to low-income persons incapable of working*(source: by Pension Fund of Ukraine; as of January 1, 2017)*

	Number of persons entitled to benefits, thsd.		Average amount of monthly benefit per person, UAH
	total	including in rural areas	
Total	382,2	169,2	43,47
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
Out of the total number to lonely pensioners	7,8	3,0	56,21

7.26. 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
Persons identifies as those required aid	598,7	308,4	101,7	418,8	1671,9	222,4
of which						
old-age persons, disables, patients who have no relations	348,7	180,8	54,5	285,1	1109,3	223,0
persons who enjoy special conditions of free service	43,7	20,1	5,6	30,1	1197,9	147,8
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	927,9	170,2

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

HEALTH CARE AND SOCIAL PROTECTION

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Boarding schools for orphans and children deprived of parents' guardianship ²									
institutions	44	54	77	72	64	47	33	23	11
enrolment ³	12254	11954	10135	9269	7933	4722	3555	2078	894
Children's homes									
institutions	83	109	113	107	94	64	43	42	37
of which by system the Ministry of Education and Science, Youth and Sport of Ukraine									
enrollment ³	82	105	110	104	91	62	41	40	35
of which by system the Ministry of Education and Science, Youth and Sport of Ukraine	5552	6434	4771	4332	3458	2109	1494	1490	1468
Homes of the child under the Ministry of Health Care of Ukraine									
institutions	47	50	48	48	45	46	40	40	41
enrollment ³	4992	5267	3666	3507	3200	2793	2272	2415	2621
Children care homes under the Ministry of Social Policy of Ukraine									
institutions	58	56	55	55	55	53	49	49	49
enrollment ³	7977	7475	6879	6888	6799	6453	5998	5861	5805
Shelters for minors									
institutions	86	96	88	87	66	42	14	10	8
children ^{3,4}	27773	23674	11978	11107	7298	3472	1408	1123	1056

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

² Since 2010 to the number of boarding schools for orphans and children deprived of parents' guardianship was included the number of special boarding schools

³ The total number of children who are in boarding institutions, excluding orphans, include children that have parents

⁴ Were during the reporting year

At the end of 2016, 6415 children resided at 973 family type children's homes, 6993 children in 3797 foster homes, and 8066 children in 75 centres of social and psychological rehabilitation.

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Quantity of adopted children during the year	7692	5241	4865	4416	4079	3732	3218	3212	2963
Ukrainian citizens, total	5492	3085	3616	3412	3241	3023	2666	2808	2552
from orphans and children deprived of parental guardianship	2043	1419	2247	2114	2016	1843	1591	1489	1490
from children living with one of the parents and adopted either by step-father or step-mother	3449	1666	1369	1298	1225	1180	1075	1319	1062
Adopted by foreigners, total	2200	2156	1249	1004	838	709	552	404	411
from orphans and children deprived of parental guardianship	2200	2110	1202	970	806	674	524	379	394
from children living with one of the parents and adopted either by step-father or step-mother	...	46	47	34	32	35	28	25	17
Orphans and children deprived of parental guardianship by the end of year, total	...	97829	98119	95956	92865	90772	83716	73183	71178

7.29. Children who were in centres of social and psychological rehabilitation and shelter-care facilities for children

(source: the Ministry of Social Policy of Ukraine; persons)

	Children who were in centres of social and psychological rehabilitation			Children who were in shelter-care facilities		
	2006	2010	2016	2006	2010	2016
Total	15109	3426	8066	21221	11978	1056
town-dwellers	12534	1902	4381	12588	6591	431
rural dwellers	2575	1524	3685	8633	5387	625
boys	10217	1943	4257	13429	6939	539
girls	4892	1483	3809	7792	5039	517
Have complete family	8682	993	2106	5083	2995	293
Have incomplete family	5689	1629	4356	11142	7598	640
Children from families where parents evade their responsibilities	438	528	3278	×	×	×
Orphans and children deprived of parents guardianship						
those at boarding schools, children's houses, professional training institutions	116	343	109	4200	758	34
those sent to centres to settle their affairs	134	390	895	×	×	×
those who live in family-type children's homes	×	×	×	36	59	21
those who live in tutors' family or with curators	460	71	600	760	568	68
Those in centres or shelter-care facilities due to ¹						
difficult life circumstances	14465	2683	5952	×	×	×
absence of family environment	331	308	1845	×	×	×
transition from shelter-care facilities for children	257	428	183	×	×	×
cruel behaviour	56	7	86	×	×	×
vagrancy, without care, mendicancy	×	×	×	11735	×	×
conflicts with counterparts, adults at educational institutions	×	×	×	1768	×	×
physical abuse	×	×	×	195	75	17
mental violence	×	×	×	44	9	1
sexual violence	×	×	×	24	2	—
child's individual application	13388	2031	214	1809	905	48
withdrawal from family	×	×	×	5018	5715	515
find on to street	×	×	×	510	435	35
violation of the rights to housing and property	×	×	×	104	×	×
involvement into the worst labour, sexual violence and as victims of human trafficking	×	×	×	14	8	—
leaving family without permission	×	×	×	×	3762	356
leaving boarding school without permission	×	×	×	×	661	25
transferring from other shelters	×	×	×	×	225	37
delivering from accepting and distribution center	×	×	×	×	65	1
delivering from health care institution	×	×	×	×	190	37
returning from prison	×	×	×	×	20	2
economic violence	×	×	×	×	31	—
Got into shelter-care facilities several times	×	×	×	2118	701	79

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

7.30. 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
Ukraine	7677,2	5704654,7	839,5	1579545,3
Autonomous Republic of Crimea
oblasts				
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
cities				
Kyiv	282,3	148783,9	0,1	118,8
Sevastopol

8. CULTURE, LEISURE, SPORT AND TOURISM

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

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

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

Collective accommodation facilities are accommodation facilities which provide places for overnight halt in the room or other premises. Collective accommodation facilities are split into hotels and similar accommodation facilities (hotels, motels, hostels, camping sites, tourist camps, other places for hot-bedding) and specialised accommodation facilities (sanatoria, boarding houses with care, prophylactic sanatoria, annual children's health facilities, child centers, houses, boarding houses, recreation camps and other recreation institutions).

Sanatoria and rest institutions with medical care are medical and prophylactic institutions equipped with beds for patients undergoing rehabilitation treatment, mainly on the basis of a healing natural environment. These institutions are specialised and can be either for one ailment or multi-purpose. The institutions also have beds equipped

with necessary supplies for the month of their maximum use.

Rest facilities and leisure houses are institutions designed to provide rest for the population and may include food and lodging or lodging only. These facilities may be available to the population all year or seasonally. Places are reported for the month of maximum use.

Child care centers for health improvement and recreation are permanently or temporarily active centers specially organised or adapted to be intended for rehabilitation, recreation, child development; they have a special location, logistics, staff and equipment allowing to provide the services necessary for health improvement and recreation of children. Child sanatoriums, child centers and countryside centers for health improvement and recreation are the child health improvement institutions. Day care camps, child care centers and tent camps are part of child recreation facilities.

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

Tourists are persons who visit places located at a distance from their usual places of residence during a period that does not exceed one year. The trips that tourists take are for pleasure and vacation, treatment, sports and health improvement, visiting friends and relatives, settling business matters, etc.

CULTURE, LEISURE, SPORT AND TOURISM

8.1. Basic institutions of culture and art in 1913–2016

	Theatres	Museums	Libraries ¹	Cinemas ¹	Club-houses ¹
1913	47	36	3153	265 ²	...
1940	140	174	22297	5822	25030
1950	81	137	34915	7188	28733
1955	79	120	35079	9645	28468
1960	68	132	32645	19668	28486
1965	61	131	29238	26271	26021
1970	66	147	27611	28816	25861
1975	77	154	26884	27797	25915
1980	84	167	26233	27690	26104
1985	89	174	25978	28305	25772
1990	125	214	25644	27211	25146
1995	136	314	23816	16100	22954
2000	131	378	20722	6877	20408
2005	135	437	19821	3330	19149
2010	140	546	19487	2196	18593
2011	133	570	19326	2206	18537
2012	132	592	19216	1708	18476
2013	133	608	19135	1577	18452
2014	113	543	16889	1251	16823
2015	113	564	17272	1118	17195
2016	112	576	17003	...	17133

¹ Source: the Ministry of Culture of Ukraine

² At the end of 1914

CULTURE, LEISURE, SPORT AND TOURISM

8.2. Theatres, concert organisations and museums

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total theatres	131	135	140	133	132	133	113	113	112
opera and ballet	6	7	7	7	7	7	6	6	6
drama and musical comedy, miniatures	87	88	92	87	86	87	75	75	74
children's and puppet	38	40	41	39	39	39	32	32	32
Number of spectators at performances, mln.	5,7	6,2	6,6	6,7	6,7	6,9	5,4	5,6	5,8
Total concert organisations	61	78	83	82	88	85	73	73	76
Number of listeners at concerts per year, mln.	3,8	4,4	4,2	4,1	4,6	4,9	2,4	2,5	2,6
Total museums	378	437	546	570	592	608	543	564	576 ¹
Attendance of museums, mln.	16,0	18,9	21,7	21,8	22,4	22,3	14,2	15,1	15,8

¹ In 2016, of the total number of museums 229 were complex museums, 190 history, 68 art criticism and art museums, 48 of literary museums

At the end of 2016, according to the state register there were 125,7 thsd. immovable historical and cultural monuments, of which 65,3 thsd. monuments of archeology, 44,5 thsd. monuments of history, 1,9 thsd. monuments of monumental art, 13,5 thsd. monuments of urban construction and architecture, 327 of garden art, 8 of landscape and 92 of science and technics.

8.3. Libraries, cinemas and cultural institutions

(source: the Ministry of Culture of Ukraine)

	Total						Including in rural areas					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Total libraries, thsd.	20,7	19,8	19,5	16,9	17,3	17,0	15,7	15,1	14,9	13,5	13,7	13,5
Library stocks, mln. copies	343	330	326	258	266	255	151	146	138	116	116	112
Cinemas, thsd.	6,9	3,3	2,2	1,3	1,1	...	5,9	2,5	1,6	0,8	0,7	...
Number of spectators at film shows, mln.	6	10	9	11	11	...	2	1	0,4	0,1	0,1	...
Club-houses, thsd.	20,4	19,1	18,6	16,8	17,2	17,1	17,7	16,8	16,5	15,3	15,6	15,5
total seats, mln.	5,4	5,0	4,7	4,2	4,3	4,2	4,3	4,0	3,9	3,5	3,6	3,6

8.4. Cultural and arts institutions in 2016, by region

	Theatres	Museums	Libraries ¹		Club-houses ¹	
			total	of which in rural areas	total	of which in rural areas
Ukraine	112	576	17003	13524	17133	15534
Autonomous Republic of Crimea
oblasts						
Vinnitsya	2	28	961	826	1115	1018
Volyn	2	17	597	486	674	628
Dnipropetrovsk	13	26	787	458	571	470
Donetsk	1	15	509	264	387	295
Zhytomyr	2	22	804	684	1041	965
Zakarpattia	4	14	493	419	464	431
Zaporizhzhya	6	23	547	371	439	369
Ivano-Frankivsk	4	26	761	645	724	659
Kyiv	3	23	887	751	845	776
Kirovohrad	2	30	580	465	588	533
Luhansk	2	13	338	253	301	265
Lviv	9	26	1333	1130	1421	1301
Mykolayiv	3	12	522	398	533	477
Odesa	7	13	825	644	734	681
Poltava	2	40	794	675	850	786
Rivne	2	14	599	495	678	633
Sumy	2	17	576	452	635	562
Ternopil	2	30	873	777	924	870
Kharkiv	7	33	817	592	687	606
Kherson	2	9	514	361	444	400
Khmelnyskiy	3	27	893	775	1159	1074
Cherkasy	2	29	726	643	735	680
Chernivtsi	3	10	399	341	387	350
Chernihiv	4	35	725	619	767	705
cities						
Kyiv	23	44	143	×	30	×
Sevastopol

¹ See the first footnote to the Table 8.1

8.5. Availability of cultural institutions, by region*(per 100 persons)*

	Library stocks, items				Seats in club-houses			
	2000	2014	2015	2016	2000	2014	2015	2016
Ukraine	693	600	622	600	11	10	10	10
Autonomous Republic of Crimea	658	10
oblasts								
Vinnitsya	1057	974	973	926	21	21	21	21
Volyn	718	639	629	617	14	14	14	14
Dnipropetrovsk	557	609	595	577	6	5	5	5
Donetsk	533	—	... ¹	... ¹	5	—	... ¹	... ¹
Zhytomyr	841	785	841	722	19	20	20	19
Zakarpattia	591	467	457	438	10	8	8	8
Zaporizhzhya	551	539	524	516	9	8	8	8
Ivano-Frankivsk	667	637	635	634	12	12	12	11
Kyiv	654	563	545	532	12	12	12	12
Kirovohrad	860	785	771	759	18	18	18	17
Luhansk	481	177	... ¹	... ¹	6	3	... ¹	... ¹
Lviv	548	727	719	712	10	10	10	10
Mykolayiv	801	737	730	724	13	12	12	12
Odesa	842	867	860	843	10	8	8	8
Poltava	821	779	764	751	17	15	15	15
Rivne	769	885	1015	753	13	12	12	12
Sumy	785	716	711	704	16	15	15	15
Ternopil	744	739	730	724	18	18	18	18
Kharkiv	822	729	721	712	7	7	7	7
Kherson	644	708	696	678	12	11	11	11
Khmelnyskiy	1024	805	789	762	23	24	23	24
Cherkasy	952	800	789	775	18	18	18	18
Chernivtsi	734	637	629	618	12	11	11	11
Chernihiv	922	931	926	924	17	18	19	19
cities								
Kyiv	418	378	376	374	0,4	0,4	0,4	0,4
Sevastopol	609	3

¹ Data are not released due to low reliability of data on the basis of which the calculation is made

CULTURE, LEISURE, SPORT AND TOURISM

8.6. Attendance at cultural and arts institutions, by region

(per 100 persons)

	Museums				Theatres				Concerts			
	2000	2014	2015	2016	2000	2014	2015	2016	2000	2014	2015	2016
Ukraine	32	33	35	37	11	13	13	14	8	6	6	6
Autonomous Republic of Crimea	90	14	16
oblasts												
Vinnitsya	31	42	44	45	8	8	7	7	7	5	6	6
Volyn	8	21	22	22	13	12	13	12	9	8	9	8
Dnipropetrovsk	21	20	22	22	9	15	15	14	1	2	2	2
Donetsk	15	2	... ¹	... ¹	9	4	... ¹	... ¹	18	—	—	... ¹
Zhytomyr	7	17	19	21	8	8	9	9	3	9	8	10
Zakarpattia	13	34	35	48	16	10	9	9	7	6	8	9
Zaporizhzhya	23	29	30	31	5	10	9	10	10	2	2	3
Ivano-Frankivsk	22	33	35	36	9	8	9	9	1	6	5	3
Kyiv	14	21	24	24	0,3	6	6	7	5	1	1	1
Kirovohrad	9	31	29	24	10	12	12	12	11	7	8	8
Luhansk	19	1	... ¹	... ¹	7	2	... ¹	... ¹	3	—	... ¹	... ¹
Lviv	39	62	71	75	13	18	17	18	5	10	12	11
Mykolayiv	24	28	29	29	20	19	19	19	4	3	3	3
Odesa	31	19	20	22	18	19	21	22	6	3	3	4
Poltava	43	39	41	43	5	6	9	8	7	2	2	2
Rivne	11	24	27	22	8	12	11	11	4	4	5	4
Sumy	7	21	21	22	14	10	11	11	1	3	3	4
Ternopil	36	43	45	45	7	10	11	11	1	5	5	4
Kharkiv	17	29	32	32	11	13	14	16	3	4	3	4
Kherson	24	10	10	10	14	15	15	17	4	3	3	3
Khmelnyskiy	14	39	29	39	7	12	12	13	2	11	8	8
Cherkasy	47	69	69	72	8	7	7	6	5	12	11	11
Chernivtsi	29	29	32	31	5	9	9	8	11	8	6	7
Chernihiv	39	71	85	83	11	15	18	21	2	10	14	15
cities												
Kyiv	132	109	107	115	36	41	46	51	29	22	24	22
Sevastopol	163	29	4

¹ See the footnote to Table 8.5

8.7. Schools of aesthetic education*(source: the Ministry of Culture of Ukraine; beginning of academic year)*

	Number of schools						In which pupils, thsd.					
	2000/ 01	2005/ 06	2010/ 11	2014/ 15	2015/ 16	2016/ 17	2000/ 01	2005/ 06	2010/ 11	2014/ 15	2015/ 16	2016/ 17
Children's music schools	1036	966	892	797	793	787	194,1	185,4	184,5	167,7	165,7	164,4
Special secondary music schools	4	4	6	4	4	4	1,7	1,7	2,2	1,9	1,6	1,6
Children's arts schools	307	370	432	377	370	378	77,6	101,7	124,2	111,7	109,4	112,9
Children's painting schools	130	124	125	108	109	107	18,5	20,1	23,9	20,6	19,8	21,2
Secondary painting schools	1	2	1	2	1	2	0,5	0,6	0,1	0,6	1,3	0,6
Children's choreographic schools	9	12	10	9	8	8	1,9	2,3	2,2	2,1	1,9	1,9
Children's choral singing schools	6	6	9	8	8	8	0,9	0,9	1,4	1,2	1,3	1,4
Evening schools total music education	2	2	2	2	2	2	0,5	0,7	0,7	0,3	0,7	0,7

8.8. Publication of books, magazines and newspapers*(source: the State scientific institution "Book Chamber named after Ivan Fedorov")*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Books and brochures									
Total publication, published items	7749	15720	22557	22826	26036	26323	21796	19958	21330
Number of publication, mln. copies	44	54	45	47	62	70	55	36	49
of which in Ukrainian	29	33	25	24	32	38	30	24	34
Magazines and other periodic publication (excluding newspapers)¹									
Total publication, published items	1245	2182	2822	2886	2945	3259	3121	2847	2617
Annual circulation, mln. copies	52	132	338	316	368	468	513	233	165
of which in Ukrainian	12	25	66	38	43	53	51	41	31
Newspapers									
Total publication, published items	2667	2974	2347	2266	2343	2270	2129	1846	1656
Average one-off circulation, mln. copies	48	80	55	51	53	52	49	40	37
of which in Ukrainian	13	25	18	17	20	19	17	15	14
Annual circulation, mln. copies	3459	4960	3169	3105	3207	3357	2702	2349	1327

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

8.9. Collective accommodation facilities in 2016¹

	Number of institutions	Number of places (beds)	Number of those being accommodated persons	
			total	including foreigners
Collective accommodation facilities	4256	375593	6544759	863654
Hotels and similar accommodation facilities	2534	135916	5037075	819211
hotels	1703	102002	4332043	794570
motels	139	3945	101300	1641
hostels	40	1577	52552	3990
campings	14	709	8218	280
guests dormitories	90	6902	181178	1109
tourist camps, mountain shelters, students' summer camps, other places for temporary accommodation	548	20781	361784	17621
Specialized accommodation facilities	1722	239677	1507684	44443
sanatoria	172	51224	428503	23346
children's sanatoria	107	16556	112463	3207
boarding houses with care	12	2198	15632	5
year-round children's health-improving institutions, child centers	17	5485	39763	—
prophylactic sanatoria	63	9912	65947	324
balnearies, institutions for mud cures, balneal and mud hospitals (including those for children)	3	589	3323	21
rest houses	11	1195	8559	60
rest boarding houses	62	12426	65956	599
recreations camps, other recreation facilities (apart from tourist camps)	1265	139071	762882	16870
health-improving institutions for 1–2 day staying	10	1021	4656	11

¹ The total includes legal persons and natural persons-entrepreneurs

8.10. Hotels and similar facilities for accommodation, by region

	Quantity of facilities					In which rooms				
	2000	2005	2010 ¹	2015 ²	2016 ²	2000	2005	2010	2015 ²	2016 ²
Ukraine	1308	1232	1731	2478	2534	51012	51686	79833	68241	70081
Autonomous Republic of Crimea	89	78	104	5570	5982	7523
oblasts										
Vinnitsya	32	25	21	75	60	1166	784	674	1368	1270
Volyn	32	26	31	66	61	1137	996	1258	1137	1362
Dnipropetrovsk	84	106	121	139	138	2941	4323	5273	4395	4325
Donetsk	73	69	77	44	46	3240	3154	2928	1618	1766
Zhytomyr	37	31	44	58	70	1155	950	1569	1175	1401
Zakarpattia	39	38	67	213	211	1395	1462	2512	4358	4916
Zaporizhzhya	59	40	30	86	114	1823	1520	1472	3059	3255
Ivano-Frankivsk	34	33	38	200	227	1188	1142	1587	3752	4600
Kyiv	46	39	56	87	114	1369	1331	2135	2460	2636
Kirovohrad	21	17	18	41	30	520	578	859	843	904
Luhansk	43	56	101	23	23	1851	1866	2691	658	582
Lviv	55	100	159	273	287	2526	3927	5359	8513	8805
Mykolayiv	44	30	122	66	74	1143	702	7338	1508	1529
Odesa	96	79	81	250	232	3674	3262	4146	6499	6224
Poltava	65	45	45	105	76	1647	1234	1377	2066	2008
Rivne	23	22	23	46	45	1018	1200	1175	941	1041
Sumy	46	44	36	34	37	898	842	1070	646	739
Ternopil	27	29	38	57	59	1187	1094	1100	1261	1436
Kharkiv	76	51	42	123	108	2328	1905	1651	3142	3028
Kherson	47	34	135	70	92	1247	995	9028	1190	1509
Khmelnyskiy	30	22	31	70	71	763	728	1094	1848	1897
Cherkasy	36	36	65	75	80	1215	1092	1980	1484	1559
Chernivtsi	18	12	31	87	79	943	785	1533	1770	1838
Chernihiv	52	51	61	43	35	822	927	1438	900	1037
cities										
Kyiv	95	109	133	147	165	7637	8246	9807	11650	10414
Sevastopol	9	10	21	609	659	1256

¹ Including other institutions for short-term stay that are available seasonally² See the footnote to Table 8.9

8.11. Capacities of hotels and similar facilities for accommodation and their use, by region

	Number of places				Total guests registered, thsd.				Ratio of use ¹			
	2000	2005	2010	2016 ²	2000	2005	2010	2016 ²	2000	2005	2010	2016 ²
Ukraine	102906	106048	186621	135916	3287,4	3938,2	4047,8	5037,1	0,24	0,33	0,18	0,23
Autonomous Republic of Crimea	11329	12710	15839	...	204,5	256,6	310,5	...	0,28	0,35	0,23	...
oblasts												
Vinnitsya	2464	1519	1364	2209	67,5	56,9	49,9	87,9	0,17	0,36	0,26	0,19
Volyn	2378	1961	2431	2342	92,6	89,6	71,9	89,0	0,21	0,27	0,18	0,30
Dnipropetrovsk	6025	11658	13525	7740	194,9	270,3	161,9	238,5	0,21	0,24	0,10	0,23
Donetsk	5910	5457	5210	2765	154,9	180,6	166,5	47,2	0,22	0,22	0,17	0,19
Zhytomyr	2312	1752	4916	2550	59,8	75,0	49,5	67,5	0,11	0,23	0,08	0,21
Zakarpattia	2839	3152	5380	10658	84,3	99,2	101,5	204,3	0,19	0,34	0,15	0,19
Zaporizhzhya	3554	2696	2563	6611	148,9	122,2	51,7	102,1	0,32	0,30	0,19	0,28
Ivano-Frankivsk	2305	2092	3846	10790	58,2	72,7	80,7	304,8	0,17	0,23	0,13	0,24
Kyiv	2693	2447	4977	5277	97,5	121,7	153,8	249,8	0,20	0,23	0,19	0,19
Kirovohrad	970	1066	1643	1610	31,6	42,3	43,3	52,5	0,18	0,36	0,19	0,21
Luhansk	3297	3807	6028	1049	47,7	75,4	90,4	22,8	0,09	0,20	0,09	0,22
Lviv	4893	8701	11910	17949	164,3	237,3	353,2	749,9	0,19	0,18	0,20	0,25
Mykolayiv	2490	1486	19673	2786	40,1	74,7	111,0	91,9	0,09	0,29	0,11	0,21
Odesa	8161	6619	8342	12096	243,1	289,8	207,4	278,2	0,20	0,28	0,14	0,15
Poltava	3421	2571	2779	3993	125,3	83,7	65,2	173,1	0,24	0,31	0,16	0,21
Rivne	1833	2519	2686	1845	66,4	90,7	63,1	102,3	0,19	0,35	0,23	0,25
Sumy	2372	2054	2925	1345	59,5	67,2	48,2	50,7	0,16	0,25	0,12	0,22
Ternopil	2478	3082	3854	2930	51,6	72,6	51,1	202,3	0,13	0,31	0,12	0,24
Kharkiv	4859	3467	2922	5381	143,2	160,2	171,4	231,1	0,18	0,24	0,29	0,22
Kherson	2817	2186	25486	3269	64,0	48,2	136,2	73,2	0,19	0,13	0,13	0,24
Khmelnyskiy	1578	1352	2003	3692	46,8	80,9	126,0	170,2	0,18	0,28	0,32	0,23
Cherkasy	2491	2139	5887	2872	73,8	119,9	62,7	129,7	0,20	0,25	0,10	0,19
Chernivtsi	1793	1398	4884	3942	52,9	50,9	50,8	105,6	0,21	0,20	0,14	0,13
Chernihiv	1887	2095	4017	1889	56,2	91,4	73,5	62,7	0,18	0,38	0,16	0,26
cities												
Kyiv	14478	14757	18582	18326	810,2	974,1	1144,7	1149,8	0,40	0,68	0,42	0,32
Sevastopol	1279	1305	2949	...	47,6	34,1	51,7	...	0,78	0,22	0,31	...

¹ The coefficient for capacity use is compiled as a ratio of the number of overnight stops to the number of places in accommodation facility multiplied by the number of work days of collective accommodation facility

² See the footnote to Table 8.9

8.12. Sanatorium-and-spa institutions, recreational facilities

	2000	2005/ 06 ¹	2009/ 10 ¹	2010/ 11 ¹	2012 ²	2013 ²	2014 ²	2015 ²	2016 ²
Total	3327	3164	3011	3012	2897	2829	1928	1863	1722
Sanatoria	480	468	456	453	445	440	304	295	279
including children's sanatoria	185	171	168	167	161	158	117	111	107
Rest homes providing medical treatment	69	52	54	55	39	37	16	14	12
Dispensaries	377	277	234	224	185	165	118	79	63
Rest homes and guest houses	266	301	290	280	286	271	90	76	73
Recreation centres and other rest facilities	2037	2012	1948	1979	1925	1903	1388	1388	1285
Institutions for 1–2 day stay	98	54	29	21	17	13	12	11	10
Beds³, thsd.	502	482	449	445	421	407	271	270	239
Sanatoria	136	136	126	126	123	123	77	76	68
including children's sanatoria	35	34	32	32	30	30	18	17	17
Rest homes providing medical treatment	15	12	14	15	10	9	3	2	2
Dispensaries	31	23	19	19	18	15	17	12	10
Rest homes and guest houses	63	63	60	58	60	57	18	15	13
Recreation centres and other rest facilities	247	243	228	225	208	201	155	164	145
Institutions for 1–2 day stay	10	5	2	2	2	2	1	1	1
Persons who improved their health, thsd.	2870	3278	2987	2942	2904	2835	1610	1483	1508
Sanatoria	1105	1321	1198	1278	1209	1249	670	544	540
including children's sanatoria	221	276	223	338	215	219	125	109	112
Rest homes providing medical treatment	114	117	116	99	70	63	17	12	16
Dispensaries	274	236	198	193	156	130	100	62	66
Rest homes and guest houses	276	368	338	325	373	361	81	77	75
Recreation centres and other rest facilities	1063	1211	1126	1038	1080	1018	738	785	806
Institutions for 1–2 day stay	38	25	11	9	16	14	4	3	5

¹ 2005/06 is for 12 months (since October 1, 2005 up to September 30, 2006), etc² See the footnote to Table 8.9³ Maximum use is one month

8.13. Sanatoria and rest institutions with medical care, and leisure facilities, by region

	Sanatoria and rest institutions providing medical treatment						Rest homes and guest houses					
	total (2016 ¹)	total beds					total (2016 ¹)	total beds				
		2000	2005/ 06 ²	2014 ¹	2015 ¹	2016 ¹		2000	2005/ 06 ²	2014 ¹	2015 ¹	2016 ¹
Ukraine	291	150554	148229	79155	78298	69978	73	62923	63372	17307	15236	13621
Autonomous Republic of Crimea	...	56981	53844	27590	28938
oblasts												
Vinnitsya	18	5246	5171	4565	4605	4125	—	—	200	—	—	—
Volyn	6	1482	2029	1312	1312	1060	1	39	44	374	374	374
Dnipro-petrovsk	15	2742	2509	2368	2201	1643	2	1140	1150	787	787	787
Donetsk	8	4200	4239	2462	2282	1726	8	9475	11535	1146	2220	1862
Zhytomyr	4	2750	1620	1317	1317	1142	—	—	—	—	—	—
Zakarpattia	19	3564	3763	5291	5266	3958	4	200	—	310	250	217
Zaporizhzhya	17	5169	4864	5916	6130	6158	6	1812	1322	1166	1032	843
Ivano-Frankivsk	15	2743	2279	2247	2277	2276	2	145	220	135	135	135
Kyiv	12	3004	2851	2091	2381	2399	1	748	188	63	70	70
Kirovohrad	3	630	310	287	269	244	—	450	450	—	—	—
Luhansk	2	1207	1613	507	225	175	—	60	—	—	—	—
Lviv	40	19807	21157	14897	14841	11611	4	340	392	126	175	175
Mykolayiv	9	2374	3958	3883	3733	3479	10	6791	4471	2674	2004	2136
Odesa	28	15053	14545	12032	11949	11971	6	2023	2074	905	1088	969
Poltava	13	4462	3920	3662	3649	3483	—	177	385	180	180	—
Rivne	6	1324	1378	1285	985	985	—	—	—	—	—	—
Sumy	4	535	460	650	650	650	—	—	—	—	—	—
Ternopil	8	1729	1796	1310	1360	1330	—	—	—	—	—	—
Kharkiv	15	3714	3282	2918	2918	2915	—	1705	1406	150	—	—
Kherson	12	2119	2763	2306	2817	2236	28	8482	9423	8869	6500	5833
Khmelnyskiy	13	1610	1673	1489	1489	1482	—	—	—	—	—	—
Cherkasy	7	2300	2604	1542	1512	1542	—	—	—	—	—	—
Chernivtsi	3	897	897	702	327	327	1	—	—	220	220	220
Chernihiv	4	1759	1325	1190	1190	620	—	336	100	—	—	—
cities												
Kyiv	10	2598	3135	2926	2613	2441	—	650	450	201	201	—
Sevastopol	...	555	244	760	624

¹ See the footnote to Table 8.9² See the first footnote to Table 8.12

8.14. Child care centers for health improvement and recreation, in summer 2016, by region

	Child care centers		Beds, thsd.		Attendance by children, thsd.		Share of children aged 7–16 who improved their health in the total number of children, percent
	total	of which in the health improvement	total	of which in the health improvement	total	of which in the health improvement	
Ukraine	9669	316	111621	78953	935721	199610	24
Autonomous Republic of Crimea
oblasts							
Vinnitsya	258	15	4340	4190	26654	7870	18
Volyn	178	4	1787	750	19621	2581	17
Dnipropetrovsk	874	7	5334	2323	94988	5391	41
Donetsk	389	20	6825	6470	35363	17916	... ¹
Zhytomyr	301	9	2660	1800	24961	5135	21
Zakarpattia	135	10	3158	1208	22239	2695	13
Zaporizhzhya	270	16	11703	5201	42355	14290	20
Ivano-Frankivsk	344	8	4244	1753	38132	5714	19
Kyiv	433	13	4860	3247	35804	11811	23
Kirovohrad	531	6	1500	1500	40169	3586	45
Luhansk	208	6	1935	1815	14323	3858	... ¹
Lviv	116	5	2518	1250	14099	3533	7
Mykolayiv	281	5	5132	2089	24623	3883	19
Odesa	568	25	12342	7955	104604	19997	38
Poltava	798	24	6232	5937	50378	16039	40
Rivne	188	6	1930	1930	20016	3531	14
Sumy	731	24	4600	4600	49252	10582	53
Ternopil	83	5	1768	910	5880	2272	6
Kharkiv	751	20	6011	3950	91557	9087	44
Kherson	445	31	10678	10678	54502	30765	28
Khmelnyskiy	239	9	1530	1480	19744	3628	18
Cherkasy	830	18	3430	2346	51321	3532	48
Chernivtsi	138	12	2885	2885	15717	6732	17
Chernihiv	492	16	2181	1696	29418	3521	35
cities							
Kyiv	88	2	2038	990	10001	1661	11
Sevastopol

¹ See the footnote to Table 8.5

Additionally, in specialized accommodation facilities, particularly in all-year child care centers in 2016, 275,8 thsd. children improved their health, of which in summer – 220 thsd.

8.15. Sports school for children in 2016, by region*(source: the Ministry of Youth and Sport of Ukraine; end of year)*

	Sports schools for children and youths and Olympic reserve specialised sports schools for children and youths		Highest sport skills schools	
	total	persons	total	persons
Ukraine	1293	493246	34	3766
Autonomous Republic of Crimea
oblasts				
Vinnitsya	58	19591	1	129
Volyn	34	10722	1	75
Dnipropetrovsk	94	41395	1	215
Donetsk	55	24518	1	236
Zhytomyr	46	14874	1	101
Zakarpattia	33	15384	1	113
Zaporizhzhya	65	21739	1	117
Ivano-Frankivsk	50	19533	1	58
Kyiv	58	24794	1	213
Kirovohrad	32	12348	1	54
Luhansk	24	8043	1	124
Lviv	86	28088	1	179
Mykolayiv	54	16389	2	210
Odesa	67	25931	1	68
Poltava	48	16927	1	135
Rivne	38	15119	1	96
Sumy	48	15018	1	93
Ternopil	31	10631	1	81
Kharkiv	74	43881	2	338
Kherson	38	13340	1	96
Khmelnyskiy	45	17599	1	115
Cherkasy	40	12221	1	112
Chernivtsi	35	14949	1	80
Chernihiv	52	15745	2	218
cities				
Kyiv	88	34467	7	510
Sevastopol

8.16. Activity of physical training and sports institutions*(source: the Ministry of Youth and Sport of Ukraine; end of year)*

	2000	2005	2010	2013	2014	2015	2016
Persons that go in for sport	1014911	1265956	1218362	1280611	1011170	978163	941849
including							
sports school for children and the youth, Olympic reserve specialised schools for children and the youth and the highest sport skills schools	633980	723727	619758	611601	525386	494286	497012
females	247222	322902	290267	304093	238800	240583	235545
disabled	7169	17342	19738	16451	14262	12722	11398
Persons that engaged in types of physical training and sport	4105054	5030943	4918331	5100067	4356332	4388877	4532888
including							
in per-school educational institutions ¹	420797	547437	438947	508098	517167
secondary educational institutions ¹	1914177	2037429	1520243	1520353	1321483	1396771	1664505
professional training institutions ¹	129489	167580	134605	118051	101354	100855	123587
institutions of higher education ¹	330795	510014	607529	622697	540946	511342	500695
enterprises, institutions and organisations, physical training and health clubs, by place of residence, school educational institutions	1623732	2150776	2235157	2291529	1953602	1871811	1726934
Of the total number of people engaged in physical culture and sport							
females	1250958	1598754	1723415	1677398	1560885	1620286	1767764
disabled involved in rehabilitation and health improving activity	22069	33464	43267	44043	32973	36110	36189

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

CULTURE, LEISURE, SPORT AND TOURISM

8.17. Sports facilities

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Stadiums with stands for 1500 seats and more	1128	1147	1108	1108	1102	1102	980	974	936
Sports grounds	35674	39977	40260	40998	42062	42514	36069	36065	36096
including tennis-courts	845	1205	1344	1346	1365	1372	1153	1127	1112
Football grounds	9910	11248	11730	11730	11614	11658	10881	10851	10899
Ski lodges	122	103	72	69	63	62	61	55	55
Shooting range, covered and semi-covered, at least 25 m long	7598	6538	5379	5341	5202	5083	4345	4299	4212
Swimming pools	509	510	593	601	555	552	498	492	534
of which									
50 m long	50	44	52	51	51	52	45	44	43
covered	419	436	503	511	471	467	423	419	479
including 50 m long	26	24	25	25	24	24	20	20	21
Gymnasiums with 162 sq.m space	17032	17189	17176	17204	17204	17161	14823	14772	14664
Track-and-field shots that are not a part of stadiums	183	231	257	280	280	270	234	241	231
Grounds equipped with simulators	11300	11286	11738	11798	11521	11655	11951	12115	12435 ¹
Premises for physical training and health improving sessions	13139	15180	16234	16404	16458	16394	13937	13823	...
of which equipped with simulators	4315	5494	5810	5863	5818	5791	4828	4756	...
Jump skis	19	22	25	25	24	24	25	25	25
of which for freestyle	3	5	6	6	5	5	6	6	6
Horse riding sports centers	29	33	57	58	59	61	50	48	49
Cycle tracks	4	4	4	4	4	4	3	3	3
Facilities with manufactured ice	10	13	61	62	64	67	56	57	54
of which with area of 30×61 m	8	10	28	27	33	35	32	33	33

¹ Including 6962 sites with non-standard simulators

8.18. Physical training and health improving activity in 2016*(source: the Ministry of Youth and Sport of Ukraine; end of year)*

	Persons that engaged in types of physical training and sport		Of which persons aged 6–18	
	total	in rural areas	total	in rural areas
Total	4532888	1163793	2438050	630210
including				
pre-school educational institutions ¹	517167	113201	14066	1745
secondary educational institutions ¹	1664505	533427	1664505	533427
professional training institutions ¹	123587	9950	94120	7455
institutions of higher education ¹	500695	6898	200070	3888
out-of-school educational institutions	125116	8010	122131	6714
enterprises, institutions and organisations	1141776	369837	175845	53003
in physical training and health clubs, by place of residence	460042	122470	167313	23978
Of the total number of disabled involved in rehabilitation and health improving activity	36189	5070	×	×

¹ See the footnote to Table 8.16**8.19. Tourist flows***(thsd.)*

	2011	2012	2013	2014	2015	2016
Ukraine's citizens who traveled abroad ¹	19773	21433	23761	22438	23142	24668
Foreign citizens who visited Ukraine ¹	21415	23013	24671	12712	12428	13333
Tourists attended by Ukraine's tourism entities	2200	3001	3454	2425	2020	2550
foreign tourists	234	270	232	17	15	35
tourists (Ukraine's citizens) who traveled abroad	1250	1957	2519	2085	1647	2061
domestic tourists	716	774	703	323	357	454

¹ Including one-day visitors (according to data from Administration of State Frontier Service of Ukraine)

In 2016, the most popular destinations for Ukraine's citizens were Poland, and Russian Federation; Hungary; Moldova, Republic of; Belarus; Turkey; Slovakia; Romania; Egypt; Germany; United Arab Emirates; Israel and Italy.

Among foreigners who visited our country are Moldova, Republic of; Belarusian; Russian Federation; Hungarian; Polish; Romanian; Slovak; Israel; Turks; German; Tajikistan and American citizens outnumbered those from other countries.

9. JUSTICE AND CRIME

Administrative law violation (misdemeanour) is culpable (intended or careless) action or idle activity which infringe on the public order, property, the rights and the freedoms of citizens, the set procedure of management and which according to the law should bear administrative responsibility.

Administrative penalty is a measure of responsibility which is applied with the purpose of upbringing a person who has committed administrative infringement of the law in the spirit of observing the Ukraine's laws, respect to the rules of cohabitation and warning against new law violations by a wrong doer itself and other persons.

Criminal Code of Ukraine is the legal norms set by the highest body of legislative power which identifies what public actions should be considered as criminal and what kind of punishment should be used against the persons who committed them.

Crime is identified as an action which infringes the *Criminal Law of Ukraine*, its political and economic systems, property, person, political, labour, ownership and other rights and freedoms of citizens and socially dangerous actions which encroach on law and order and other activities forbidden by the criminal law.

The number of identified crimes are the officially identified socially dangerous actions which according to the *Criminal Code*.

Intended crime occurs when a person that committed it has been aware of the socially dangerous nature of his actions or idling. A person should have foreseen the socially dangerous after-effects and consciously assumed the manifestation of these after-effects.

Severe crimes are intended crimes that have a heightened social danger.

Responsibilities of minors: persons aged 16 or older can have criminal responsibilities if they committed a crime. Persons who have committed a crime at the age of 14–16 are also subject to criminal responsibilities for: murder, intentional infliction of body injuries that caused the worsening of health, rape, theft, robbery, brigandage, malicious or specially malicious hooliganism, intentional destruction or damage to the property that led to the heavy after-effects and for intentional actions which could cause a train crash.

Narcotics are medical preparations and substances (barbamil, codeine, morphine, omnopone, phenamin, ephedrine, etc) and also plants or their parts that contain drug substances (different brand of hemp, poppies or poppy straw, etc).

Psychotropic substances are some psychic substances that are included into a List of drugs (DET, DMT, LSD, mescaline, amphetamine, amobarbital, etc). Precursors are toxic substances (phenil-acetone, ephedrine, calium-permanganat). From February, 1995 criminal punishment has been introduced for activities related to illegal turnover of precursors.

Fire is uncontrolled burning outside special bonfire that spreads in time and space.

The State fire supervision refers to fire protection of communities and objects, coordination of activities of ministries, other central bodies of executive power dealing with improvements to fire protection that is secured by State Service of Ukraine of Emergencies.

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9.1. Identified crimes, by selected category

(thsd.)

	2000	2005	2010	2011	2012 ¹	2013	2014 ²	2015	2016
Total identified crimes³	567,8	491,8	505,4	520,2	447,1	563,6	529,1	565,2	592,6
of which									
premeditated murders	5,1	3,3	2,4	2,5	2,1	2,0	4,9	3,2	1,8
premeditated severe injuries	6,9	5,7	3,8	3,4	3,1	3,2	3,3	2,6	2,4
rapes and attempted rapes	1,2	0,9	0,6	0,6	0,5	0,5	0,4	0,3	0,3
hooliganism	23,4	15,0	9,2	8,9	7,2	6,3	5,0	4,1	4,0
violent crime	5,6	6,7	4,0	3,7	3,0	2,9	3,9	3,6	3,9
robberies	23,0	47,1	23,3	23,0	19,7	22,7	20,5	22,1	27,2
extortion	2,7	1,2	0,5	0,6	0,4	0,7	0,6	0,6	0,6

¹ November 20

² Given data temporarily occupied territory of the Autonomous Republic of Crimea and Sevastopol January–March 2014 and all reports of crimes committed in the temporarily occupied territory and other territorial authorities registered pre-trial investigation

³ In 2000, data from the Ministry of Internal Affairs of Ukraine, since 2005, including data from the State Tax Service of Ukraine, in 2013, data from Prosecutor General's Office of Ukraine

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

9.2. Identified crimes, by region

(thsd.)

	2000	2005	2010	2011	2012 ¹	2013	2014 ²	2015	2016
Ukraine³	567,8	491,8	505,4	520,2	447,1	563,6	529,1	565,2	592,6
Autonomous Republic of Crimea	30,2	23,8	33,5	37,6	33,2	34,7	9,4	0,4	0,4
oblasts									
Vinnitsya	14,0	12,5	12,8	12,8	9,9	14,9	14,6	16,8	16,5
Volyn	7,6	8,6	8,3	8,5	6,4	8,4	7,7	10,7	11,9
Dnipropetrovsk	65,6	46,5	49,6	47,3	41,3	50,4	48,3	50,1	46,3
Donetsk	54,6	58,2	62,6	61,0	48,9	57,6	55,9	34,7	29,8
Zhytomyr	15,8	10,0	10,2	10,7	10,2	10,1	10,4	13,9	16,9
Zakarpattia	6,7	6,6	6,8	7,3	5,8	10,4	10,9	11,4	9,5
Zaporizhzhya	32,6	28,4	27,9	27,8	25,5	30,3	33,7	41,8	47,9
Ivano-Frankivsk	8,9	7,5	5,8	5,9	5,0	7,9	7,6	8,5	9,9
Kyiv	15,9	13,5	16,6	17,5	15,3	17,5	17,5	25,2	29,1
Kirovohrad	12,8	9,6	11,9	12,4	10,7	13,7	17,3	18,4	18,5
Luhansk	39,3	35,3	32,1	31,9	26,6	39,8	29,6	12,5	12,3
Lviv	22,1	18,7	17,3	16,5	16,0	20,6	21,6	33,2	36,9
Mykolayiv	17,9	14,2	12,7	13,7	10,4	13,0	14,6	19,5	15,7
Odesa	26,9	23,5	24,8	25,5	24,6	31,2	25,7	29,4	34,7
Poltava	17,7	17,9	16,4	15,3	12,8	17,9	18,1	23,5	23,1
Rivne	7,5	7,7	7,5	7,5	5,7	8,8	10,5	11,1	12,0
Sumy	14,5	11,3	10,7	10,6	9,0	13,6	14,5	14,3	14,4
Ternopil	6,4	5,7	5,4	5,4	4,3	5,6	5,7	7,2	7,0
Kharkiv	43,1	32,0	28,3	35,7	30,8	35,0	32,1	40,9	50,6
Kherson	14,4	13,2	12,3	13,5	11,5	15,0	14,6	16,1	15,7
Khmelnytskyi	10,4	10,6	10,9	11,5	8,8	9,4	10,1	12,6	12,2
Cherkasy	14,4	10,3	9,7	11,3	9,7	13,2	12,3	16,4	18,6
Chernivtsi	4,8	5,1	6,7	6,1	4,9	7,2	8,1	9,2	8,4
Chernihiv	12,6	9,5	9,6	9,4	8,3	10,2	10,4	15,8	15,8
cities									
Kyiv	28,6	33,4	36,5	37,9	34,5	47,4	55,8	66,1	77,1
Sevastopol	4,3	4,7	5,5	7,1	6,5	7,9	2,1	0,0	0,1

¹ See the first footnote to Table 9.1

² See the second footnote to Table 9.1

³ See the third footnote to Table 9.1

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9.3. Crimes related on narcotics and other harmful drugs

	2000	2005	2010	2011	2012 ¹	2013	2014 ²	2015	2016
Total identified crimes³	45748	65017	56878	53206	45322	33982	30494	25908	23029
including									
theft, appropriation, extortion of drugs, psychotropic substances or similar products or cartured by swindle or abuse of official position	332	352	255	146	59	31	35	31	28
illegal production, purchase, storage, transportation and trafficking of drugs for sale or other purposes (plus sales)	40138	53456	47702	45160	38428	28035	25215	21504	19691
inclination for drugs	385	965	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	1664	2743	2150	1965	1781	1268	1263	1044	460

¹ See the first footnote to Table 9.1

² See the second footnote to Table 9.1

³ Before 2012, data from the Ministry of Internal Affairs of Ukraine, in 2013, data from Prosecutor General's Office of Ukraine

9.4. Court convictions, by selected crime

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total convicted	230,9	176,9	168,8	154,4	162,9	123,0	102,2	94,8	76,2
of whom of									
theft	108,4	60,1	61,0	59,3	66,1	43,8	38,6	41,2	34,5
robberies	10,0	13,4	11,6	9,6	9,6	7,3	5,3	4,8	4,1
violent crime	4,9	4,4	3,8	3,0	2,4	2,1	1,3	1,0	0,9
extortion	1,4	0,7	0,4	0,2	0,2	0,2	0,1	0,1	0,1
intended murders and attempted murders	3,9	2,1	2,0	1,5	1,5	1,4	1,0	0,8	0,7
intended severe injuries	4,9	4,1	3,4	3,1	3,0	2,7	1,9	1,7	1,4
rapes and attempted rapes	0,9	0,7	0,4	0,4	0,3	0,2	0,2	0,1	0,1

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9.5. Court convictions, by region

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine¹	230,9	176,9	168,8	154,4	162,9	123,0	102,2	94,8	76,2
Autonomous Republic of Crimea	10,9	10,2	8,2	8,2	8,6	6,6
oblasts									
Vinnitsya	7,7	5,2	6,1	5,9	6,0	4,4	4,4	3,8	3,4
Volyn	3,7	3,2	3,3	2,9	3,2	2,4	2,2	2,5	1,9
Dnipropetrovsk	22,1	13,6	14,9	15,9	14,9	11,2	11,6	11,2	8,6
Donetsk	25,8	22,2	20,3	19,4	20,3	15,3	4,4	5,7	5,4
Zhytomyr	5,8	4,5	4,7	4,2	4,5	3,2	3,4	3,3	2,8
Zakarpattia	3,7	2,6	2,9	2,7	2,6	2,1	2,1	1,9	1,4
Zaporizhzhya	13,3	11,4	9,7	7,2	8,8	5,2	6,5	5,6	4,5
Ivano-Frankivsk	3,6	3,4	3,4	2,5	3,3	2,6	2,2	1,8	1,5
Kyiv	8,1	5,6	4,8	4,7	4,6	3,8	4,2	4,4	3,2
Kirovohrad	6,1	4,0	4,7	3,5	4,0	3,4	3,3	3,2	2,7
Luhansk	17,4	12,9	12,7	10,8	10,6	8,5	4,7	2,0	2,4
Lviv	8,4	6,0	5,7	5,3	5,2	4,3	4,4	4,6	3,6
Mykolayiv	6,5	6,8	5,6	5,4	4,8	3,1	3,8	3,8	2,5
Odesa	12,6	9,2	8,3	6,1	7,7	5,6	5,5	4,6	3,2
Poltava	7,0	6,7	4,7	3,6	5,4	4,5	4,4	4,6	3,9
Rivne	3,2	3,0	3,3	2,7	3,1	2,7	2,8	2,4	1,8
Sumy	6,8	4,6	5,0	4,7	4,4	3,7	3,4	2,9	2,7
Ternopil	3,0	2,1	2,5	2,3	2,3	1,8	1,5	1,6	1,3
Kharkiv	15,8	13,7	8,6	10,0	10,6	8,4	8,7	7,4	5,7
Kherson	6,8	5,5	5,3	4,7	4,9	3,7	3,8	3,4	2,4
Khmelnyskiy	4,8	4,1	4,6	3,7	3,3	2,4	2,7	2,6	2,2
Cherkasy	7,0	4,2	4,4	3,9	4,5	3,2	3,2	2,7	1,9
Chernivtsi	2,9	1,8	2,1	2,0	2,2	1,3	1,4	1,5	1,3
Chernihiv	6,2	4,6	4,4	4,5	4,5	2,8	3,0	3,0	2,2
cities									
Kyiv	9,3	3,9	6,5	6,9	7,3	5,9	4,4	4,2	3,5
Sevastopol	1,9	1,3	1,4	0,6	1,2	1,0

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

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9.6. Convicted persons by category

(source: the State Judicial Administration of Ukraine; percent)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total convicted	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Aged, years									
14–17	8,7	9,9	6,4	5,6	5,5	4,8	4,8	4,8	4,6
18–24	27,8	29,5	25,6	24,6	23,2	21,3	20,5	21,2	20,3
25–29	18,5	17,0	19,3	19,5	19,4	19,9	18,7	18,5	18,4
30 and older	45,0	43,6	48,7	50,3	51,9	54,0	56,0	55,5	56,7
Of total convicted									
females	13,8	12,8	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	34,3	34,2	36,5	37,4	37,7	38,4	38,0	37,4	37,2
persons of working age not working or studying, including unemployed	60,3	64,8	71,2	73,1	74,0	74,0	74,3	73,8	73,7
persons who committed crime in the state of alcoholic intoxication	23,9	25,6	26,9	25,1	25,1	24,0	20,3	15,7	14,6

9.7. Convicted persons, by major type of sentence

(source: the State Judicial Administration of Ukraine; percent)

	2001	2005	2010	2011	2012	2013	2014	2015	2016
Total convicted	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
By type of sentence									
lifetime deprivation of freedom	0,1	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,0
term deprivation of freedom	34,7	25,9	24,2	28,6	26,4	24,8	20,4	20,9	21,2
finances	3,1	6,6	14,9	14,1	14,5	20,0	19,7	19,7	21,8
compulsory work	5,1	1,2	0,7	0,6	0,6	0,4	0,3	0,2	0,2
public works	0,1	1,9	6,6	7,4	9,2	9,2	10,0	9,1	8,7
restriction of freedom	0,3	2,0	2,1	2,8	2,8	2,2	1,8	1,6	1,6
freed from punishment	15,8	61,1	47,9	42,5	42,4	39,6	44,3	44,3	42,2
other types of punishment	40,8	1,3	3,5	4,0	4,1	3,8	3,5	4,2	4,3

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9.8. 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)

	2001	2005	2010	2011	2012	2013	2014	2015	2016
Total convicted	57,0	56,4	51,3	49,7	48,2	46,0	44,0	44,5	43,3
For crimes									
against national security	—	—	—	—	—	—	29,0	40,0	33,9
against personal life and health	41,0	43,1	42,8	42,1	39,6	37,1	36,6	35,1	34,4
against personal will and dignity	42,9	43,7	51,0	45,2	42,7	46,9	41,1	42,6	49,4
against sex freedom and sex personal inviolability	63,6	66,6	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	18,7	21,4	22,6	22,8	22,7	23,4	21,3	23,1	24,4
against property	63,0	68,3	60,5	57,9	55,9	53,6	51,0	49,8	48,2
in economic sphere	27,3	26,8	19,5	18,8	21,9	22,3	22,3	24,6	25,7
against environment	41,4	40,3	38,6	37,2	36,2	38,0	33,5	36,5	37,3
against public safety	33,6	28,9	25,8	26,5	22,4	21,7	23,4	27,9	28,0
against safety of production	27,3	17,4	16,4	18,0	17,5	17,8	10,1	19,3	16,4
against safety of traffic and use of transport	78,1	65,1	57,4	56,9	56,1	56,2	55,8	55,7	52,8
against civil order and morality	67,7	71,0	67,8	66,5	63,1	61,9	59,8	55,2	57,0
related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	50,0	48,5	46,6	45,1	43,7	41,1	36,8	36,6	32,4
in the spheres of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	65,3	61,0	57,5	54,5	44,8	44,0	35,7	37,1	42,8
against state and local authorities and associations of citizens	35,9	31,1	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	—	57,1	55,1	51,8	45,0	36,7	43,2	41,9	41,7
in the sphere of office activity	11,2	14,0	18,2	19,5	21,2	18,6	17,6	18,6	21,3
against justice	49,2	44,7	44,2	42,6	41,2	41,7	37,2	38,3	42,0
against the established order of military service (military crimes)	89,7	85,9	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 ¹	56,8	54,1	35,5	43,6	37,3	23,5	30,0	33,3	—

¹ Convicted by articles of the 1960 *Criminal Code of Ukraine*

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9.9. Share of minors convicted for selected crimes

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

	2001	2005	2010	2011	2012	2013	2014	2015	2016
Total convicted	10,0	9,9	6,4	5,6	5,5	4,8	4,8	4,8	4,6
For crimes									
against national security	—	—	—	—	—	—	—	—	—
against personal life and health	3,1	4,4	3,7	2,6	2,5	1,9	2,1	2,3	2,3
against personal will and dignity	—	0,6	1,5	1,6	—	1,2	1,1	3,2	1,3
against sex freedom and sex personal inviolability	5,5	13,3	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	0,2	0,2	0,1	0,0	0,1	0,0	0,2	0,1
against property	13,6	16,4	10,4	8,9	8,6	7,6	7,3	6,9	6,5
in economic sphere	1,7	0,9	0,3	0,2	0,1	0,4	0,1	0,2	—
against environment	0,7	1,9	1,1	0,8	0,9	0,6	0,6	0,7	1,6
against public safety	3,1	2,1	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	17,3	10,4	7,3	8,4	7,9	8,9	9,0	10,3	8,2
against civil order and morality	9,9	10,5	6,2	5,3	5,0	5,7	5,3	4,2	5,6
related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	2,2	2,6	1,6	1,7	1,8	1,3	1,2	1,4	0,8
in the spheres of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	2,0	1,7	1,1	0,6	—	—	0,4	0,1	—
against state and local authorities and associations of citizens	1,6	1,1	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	0,1	—	—	0,0	—	—	—	—	—
against justice	1,5	1,0	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 ¹	9,8	8,2	2,7	7,3	—	5,9	10,0	—	—

¹ See the footnote to Table 9.8

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9.10. Institutions executing sentences and number of prisoners

(source: the State Penitentiary Services of Ukraine; end of year)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Number of institutions	137	147	151	149	149	148	146	146	146
including									
for females	11	12	12	12	12	12	14	14	14
for minors	11	11	10	8	8	7	6	6	6
Number of prisoners, thsd.	177,1	138,3	115,4	117,2	117,3	105,8	58,4	54,5	44,0
including									
for females	10,9	8,5	6,7	6,9	7,0	6,4	3,2	2,8	2,2
for minors	2,5	2,1	0,9	0,9	0,8	0,6	0,3	0,2	0,2

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

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

	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
	thsd.						percent					
Total	39,8	41,5	20,3	5,2	4,9	3,9	100,0	100,0	100,0	100,0	100,0	100,0
Of whom												
pupils of secondary education institutions	15,6	22,5	11,4	2,6	2,3	1,7	39,1	54,3	56,5	50,6	46,4	44,0
pupils of professional training institutions	6,5	7,0	3,5	2,0	1,8	1,5	16,3	16,8	17,1	38,9	37,0	38,2
did not work or study	10,0	7,8	4,1	0,4	0,5	0,4	25,2	18,7	20,4	7,3	9,4	10,3
have one parent	10,4	11,0	5,8	1,9	1,7	1,4	26,1	26,4	28,4	35,9	35,6	35,5
have no parents	0,9	1,2	0,8	0,3	0,3	0,2	2,2	2,9	3,9	5,3	5,3	5,3
live in children's homes or boarding schools	1,0	1,7	1,1	0,2	0,1	0,1	2,6	4,1	5,5	2,9	2,5	2,3

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9.12. Persons indicted for administrative offences, by category of law violation

(thsd.)

	2000	2005	2010	2012	2013	2014	2015	2016
Total	9395,4	6370,3	8854,1	4621,1	4249,9	2657,0	1984,6	2183,6
Committed offences								
related to industrial hygiene and health care	179,7	272,2	284,3	167,7	84,8	41,8	6,8	14,5
encroachment on property of which petty stealing of another's property	12,8	13,0	18,5	11,3	8,6	6,5	6,0	6,3
related to environmental protection, use of natural resources, and protection of cultural heritage	10,9	8,4	10,4	8,4	6,1	5,2	5,4	5,4
related to industry, construction, and use of fuel and energy resources	142,5	150,5	201,3	157,6	147,0	82,7	62,3	56,9
related to agriculture, and infringements of veterinary and sanitary regulations	81,5	105,3	136,0	108,9	101,5	27,9	9,0	19,7
related to transport, road services and communications	95,5	136,9	89,7	105,5	86,6	43,4	17,6	7,3
related to housing rights of citizens, housing and community amenities, and equipping localities with services and utilities	6507,4	3877,8	5226,3	1968,0	2002,4	1213,2	702,8	1027,7
related to trade, public catering, consumer services, finance and business activities	75,9	79,2	80,5	59,2	65,3	31,9	30,0	37,9
related to standardisation, product quality, weights, measures and certification	555,4	361,5	519,7	322,8	266,3	166,3	131,3	88,3
encroachment on public safety and order of which	25,9	23,0	20,1	7,4	3,9	1,7	0,3	0,3
minor hooliganism	1142,4	730,2	1268,3	837,0	865,5	554,5	487,3	468,2
excessive consumption of beer, alcoholic and low alcohol beverages in the places forbidden by the law or presence at public places in the state of alcohol intoxication	252,8	168,4	229,5	141,2	59,4	41,0	33,3	32,3
encroachment on the established procedures ¹	690,3	361,5	697,1	374,4	406,9	243,4	217,3	203,8
infringement on popular declaration of intend and the established order of its implementation	576,4	620,7	978,0	844,5	589,2	470,8	515,4	436,0
	—	—	0,2	0,3	0,0	0,1	0,1	0,0

¹ Since 2012, including corruption administrative law violations, since 2015 military administrative law violations as well

In 2016, the courts with court decisions have considered 118,2 thsd. cases on administrative proceedings, among which 75,3 thsd. were with claims adjustment.

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

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

	2000		2005		2014		2015		2016	
	conside- red cases (applica- tions)	satisfied suits (issue the writs)	conside- red cases (applica- tions)	satisfied suits (issue the writs)	conside- red cases (applica- tions)	satisfied suits (issue the writs)	conside- red cases (applica- tions)	satisfied suits (issue the writs)	conside- red cases (applica- tions)	satisfied suits (issue the writs)
Total cases	911,4	867,1	1116,2	1040,9	980,5	774,3	947,2	756,9	751,2	610,0
of which										
reinstatement	5,5	3,1	3,8	2,2	2,0	0,8	2,1	0,8	2,0	0,8
payment of wages	237,6	232,3	56,0	53,5	8,6	6,1	8,6	6,1	7,7	5,6
indemnification of financial damage, inflicted by employees to state enterprise, establishment, organisation	1,8	1,6	0,7	0,6	0,5	0,3	0,4	0,2	0,3	0,2
divorce	156,9	154,8	140,7	138,8	110,0	94,3	109,5	95,2	106,6	94,5

9.14. State notary services

(source: the Ministry of Justice of Ukraine)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total state notary offices	795	826	843	835	833	828	782	780	771
Total notary actions (will witnessing, heritage certificates issuing, execution of court orders, etc), thsd.	3920	4094	3284	3032	2853	2026	1806	1731	1586
Total state duty for notary activities received by the budget, mln. UAH	50,8	71,2	62,8	65,9	81,5	67,1	59,4	65,1	59,7

In 2016, 5589 private notary who had carried out 10317,4 thsd. notarial actions reported to the State justice agencies.

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9.15. Fires

(source: the State Service of Ukraine of Emergencies)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total fires	37596	53751	64743	62724	73405	62118	70592	82016	75323
Fire consequences									
total killed, persons	2423	4182	2823	2872	2754	2493	2248	1993	1899
of whom children	149	119	95	94	87	73	74	66	57
total injured, persons	1532	1912	1551	1539	1772	1587	1491	1473	1413
total rescued, persons	6901	4114	5259	3304	3191	2587	2784	2454	2646
Total direct losses, mln. UAH	70,3	292,5	669,8	804,8	863,4	713,5	1510,8	1637,7	2608,0
Destroyed or damaged									
buildings and dwellings	17704	20918	22304	23024	25152	21847	27335	26913	21286
car equipment	2142	2457	3195	3535	3608	3860	4638	3995	3964
Loss of livestock, heads	835	675	1720	1636	1183	685	248640	1747	2110
Destroyed fodder, t	24203	19529	11839	14697	11005	9652	18286	24726	12052

9.16. Fires, by cause

(source: the State Service of Ukraine of Emergencies)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total fires	37596	53751	64743	62724	73405	62118	70592	82016	75323
Arsons	2273	1546	2228	2491	2265	2028	3453	2574	2937
Equipment disrepair	294	161	121	141	139	146	116	122	172
Infractions of electric equipment and appliances, assembling and operation rules	10693	10907	11710	11438	13243	13234	12615	13123	12830
Infractions of heating and heat generating equipment, assembling and operation rules	3535	4022	4180	4525	5526	4091	4918	4182	5157
Careless use of fire	14925	30944	41147	38887	46837	38401	43991	58602	51137
Children's mischief with fire	2294	1769	909	967	746	638	634	603	542
Unidentified reasons	11	3	1	17	75	17	3	7	33
Other reasons	3571	4399	4447	4258	4574	3563	4862	2803	2515

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

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

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

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

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

Fresh water abstraction is water taken from any sources (sources of surface water such as rivers, lakes, water storage basins or showers and sources of subsoil water) for ever or temporary. It includes water abstraction by water supply sphere for distribution and direct water abstraction for other types of activities and one's own needs.

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

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

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

Waste recycled waters are industrial and domestic (communal) waste waters as well as discharged water escapex that arrive without purification or after incomplete purification and includes pollutants that break the established standards at the points of water monitoring or use. It excludes waters for filtration fields, basins, landscape, etc.

Waste waters purified according to standards are water flows that were purified using the appropriate facilities after that the purified water is delivered back to the water resources. The purified water should meet the standards set for the quality of water at the point where the water consumption is monitored.

Circulating and re-successive water supply is the volume of fresh water saving owing to the use of the system for return and recycling water including the usage of waste and collector and drainage waters. Water recycling does not include water losses in the systems for communal and production heat supply.

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

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

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

Greenhouse gases are gases that detain infrared irradiation of the land surface, thus causing the global warming on the planet. The basic greenhouse gases include carbon dioxide (CO₂), methane (CH₄), nitric oxide (N₂O), hydro-fluorine carbon, perfluorine carbon, hecsofluoride sulfur (SF₆).

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

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

Emission of the pollutants into the atmosphere from stationary source is total amount of contaminants coming to the air basin from stationary sources both after treatment at dust-arresting and gas-cleaning systems as a result of insufficient capture and purification at organised sources and without treatment from organised and non-organised sources of pollution. It excludes emissions of the pollutants as a result of soil erosion (dust storms), forest fires, etc.

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

Emissions are supply of pollutants or mixture of such substances into the air by stationary and mobile pollution sources.

Hazardous wastes are wastes that have such physical, chemical, biological or other hazardous properties that create or can create

significant danger to environment and human health and which require special methods and ways to treat them.

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

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

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

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

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

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

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

Waste are any substances, materials and things generated during production or consumption processes and also the goods (products) fully or partly have lost their consumer properties, have no further use at a place of their generation or revealing, and their owner should eliminate them by recycling or removing.

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

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

Household wastes are wastes that have been generated as a result of final consumption of goods and services by households which are collected and transported to the sites for utilization or disposal by providers of service for removal of solid household waste.

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

Air protection measures are the actions aimed at reducing emissions into the air.

LAND

10.1. Lands of Ukraine

(source: the State Service on Geodesy, Cartography and Cadaster of Ukraine; as of January 1, 2016)

	Area, thsd.ha	Percentage of total land
Total land area	60354,9	100,0
land used in agricultural production	42726,4	70,8
forest and forested land	10633,1	17,6
built areas	2552,9	4,3
land under water	2426,4	4,0
open swamp areas	982,3	1,6
other land	1033,8	1,7

10.2. Preserves and national nature parks

	2000	2005	2010	2011	2012	2013	2014 ¹	2015 ¹	2016 ¹
Total preserves and national nature parks	31	36	45	50	63	64	71	72	73
Their area, thsd.ha	887,5	1056,5	1310,5	1382,8	1565,2	1576,1	1688,5	1769,1	1997,4

¹ Source: the Ministry of Ecology and Natural Resources of Ukraine

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WATER RESOURCES

10.3. Water supply and water drainage, basic indicators

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

	2000	2005	2010	2012	2013	2014	2015	2016
Use of fresh water	12991	10188	9817	10507	10092	8710	7125	7169
of which								
for production purposes	6957	4878	5511	5681	5363	4871	4491	4591
for household and drinking purposes	3311	2409	1917	1848	1765	1500	1267	1239
for irrigation	1699	1186	1377	1759	1770	1218	1237	1211
General water drain ¹	10964	8900	8141	8081	7722	6587	5581	5612
Water discharge into surface water bodies	10517	8553	7817	7788	7440	6354	5343	5399
polluted return waters	3313	3444	1744	1521	1717	923	875	698
without purification	758	896	312	292	265	175	184	164
insufficiently purified	2555	2548	1432	1229	1452	748	691	534
purified according to standards	2100	1315	1760	1800	1477	1416	1389	1381
Capacity of purifying facilities	7992	7688	7425	7577	7592	7190	5801	5690

¹ Excluding transit and discharge into the channels

10.4. Abstraction and usage of fresh water

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

	2000	2005	2010	2012	2013	2014	2015	2016
Fresh water abstracted, total	17466	14255	13916	13822	12884	10899	9109	9325
from surface sources	14479	11806	11893	11861	10973	9396	7823	8055
from underground sources	2987	2449	2023	1961	1911	1503	1286	1270
Losses of fresh water while transporting	2477	2327	2158	2286	2213	1350	1139	1143
Fresh water used, total	12175	9360	8886	9678	9352	8104	6556	6608
drinking	4012	2954	2329	2153	2103	1792	1728	1684
technical	8163	6406	6557	7525	7249	6312	4828	4924

10.5. Recycling and re-consecutive water supply

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

	2000	2005	2010	2012	2013	2014	2015	2016
Recycling and re-consecutive water supply, total	41523	47167	43138	45806	45150	43049	40306	39619
recycling	39604	45687	41783	44541	43876	41875	39172	38545
repeated	1266	988	851	761	799	707	673	654
re-consecutive	653	492	504	504	475	467	461	420

10.6. Waste recycled waters drained into the surface water basins in 2016, by region*(source: the State Agency of Water Resources of Ukraine; mln.cub.m)*

	Total	Including		Share in general volume of water drain, percent
		without purification	insufficient purification	
Ukraine	698	164	534	12,4
Autonomous Republic of Crimea
oblasts				
Vinnitsya	0	0	0	0,0
Volyn	0	—	0	0,0
Dnipropetrovsk	244	102	142	26,3
Donetsk	180	4	176	21,9
Zhytomyr	3	0	3	4,5
Zakarpattia	4	0	4	11,4
Zaporizhzhya	64	1	63	7,3
Ivano-Frankivsk	1	0	1	1,7
Kyiv	5	0	5	0,8
Kirovohrad	1	—	1	2,1
Luhansk	19	2	17	22,6
Lviv	46	2	44	21,2
Mykolayiv	22	—	22	31,4
Odesa	29	25	4	17,4
Poltava	3	—	3	3,6
Rivne	5	—	5	9,3
Sumy	24	0	24	46,2
Ternopil	2	0	2	6,5
Kharkiv	10	5	5	3,1
Kherson	1	1	0	1,5
Khmelnyskiy	0	—	0	0,0
Cherkasy	7	1	6	5,5
Chernivtsi	2	1	1	4,8
Chernihiv	6	—	6	6,4
cities				
Kyiv	20	20	—	3,4
Sevastopol

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ATMOSPHERE

10.7. Emission of pollutants and carbon dioxide into the atmosphere

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016 ¹
Emission of pollutants – total	5908,6	6615,6	6678,0	6877,3	6821,1	6719,8	5346,2	4521,3	×
of which									
sulfur dioxide	984,8	1132,8	1235,2	1363,4	1430,3	1413,3	1160,6	854,0	×
nitrogen peroxide	440,6	523,9	603,7	633,0	634,5	633,4	541,4	453,0	×
nitrogen oxide	...	×	8,9	23,8	14,6	15,4	12,3	10,1	×
carbon oxide	2776,8	2975,2	2951,9	2908,2	2830,5	2782,1	2283,4	1971,9	×
methane	...	×	853,0	886,2	894,9	928,7	586,6	519,4	×
non-methane									
volatile organic compounds	...	×	359,3	350,8	338,1	325,7	270,1	225,8	×
weighted suspension particles ²	736,8	711,3	594,5	641,0	609,6	553,8	434,1	377,4	×
ammonia	×	×	25,1	25,9	24,0	22,6	21,3	18,8	×
Emission of pollutants by stationary sources of pollution	3959,4	4464,1	4131,6	4374,6	4335,3	4295,1	3350,0	2857,4	3078,1
of which									
sulfur dioxide	976,6	1119,5	1206,3	1333,1	1399,2	1381,8	1133,3	830,3	1076,4
nitrogen peroxide	320,0	343,7	310,5	333,0	332,5	333,3	288,1	233,8	240,2
nitrogen oxide	...	7,1	6,8	21,7	12,5	13,4	10,7	8,7	9,6
carbon oxide	1230,6	1320,5	1063,8	1066,1	1004,6	1007,2	828,4	764,1	802,8
methane	...	811,1	844,8	878,2	886,9	920,9	580,2	514,1	466,5
non-methane									
volatile organic compounds	...	91,1	66,0	65,2	57,5	54,5	50,0	47,3	52,2
weighted suspension particles	729,6	697,9	562,1	606,6	573,7	516,8	401,8	349,6	395,8
ammonia	8,3	17,9	25,1	25,9	24,0	22,6	21,3	18,8	18,8
Emission of pollutants by movable sources of pollution	1949,2	2151,5	2546,4	2502,7	2485,8	2424,7	1996,2	1663,9	...
of which									
sulphur dioxide	8,2	13,3	28,9	30,3	31,1	31,5	27,3	23,7	...
nitrogen peroxide	120,6	180,2	293,2	300,0	302,0	300,1	253,3	219,2	...
nitrogen oxide	2,1	2,1	2,1	2,0	1,6	1,4	...
carbon oxide	1546,2	1654,7	1888,1	1842,1	1825,9	1774,9	1455,0	1207,8	...
methane	8,2	8,0	8,0	7,8	6,4	5,3	...
non-methane									
volatile organic compounds	293,3	285,6	280,6	271,2	220,1	178,5	...
soot	7,2	13,4	32,4	34,4	35,9	37,0	32,3	27,8	...
ammonia	0,022	0,021	0,020	0,019	0,014	0,011	...
Besides emission of carbon dioxide – total, mln.t	...	×	198,2	236,0	232,0	230,7	194,7	162,0	×
of which									
by stationary sources of pollution	...	152,0	165,0	202,2	198,2	197,6	166,9	138,9	150,6
by movable sources of pollution	33,2	33,8	33,8	33,1	27,8	23,1	...

¹ There were no calculations on volumes of pollutant emissions from movable sources of pollution

² Including the soot emissions by mobile pollution sources

**10.8. 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 total	thsd.t	percent of total
All types of economic activities	3078,1	100,0	150581,0	100,0
Agriculture, forestry and fishing	81,6	2,7	878,5	0,6
Mining and quarrying	465,4	15,1	2978,2	2,0
including				
Mining of coal and lignite	342,9	11,1	367,4	0,2
Manufacturing	976,7	31,7	61083,6	40,6
including				
Manufacture of food products	33,8	1,1	2261,1	1,5
Manufacture of coke, and refined petroleum products	32,5	1,1	3021,6	2,0
Manufacture of basic metals	825,5	26,8	44616,7	29,6
Electricity, gas, steam and air-conditioning supply	1414,5	46,0	79077,0	52,5
Water supply, sewerage, waste management and remediation	14,1	0,5	238,1	0,1
Construction	3,5	0,1	122,7	0,1
Wholesale and retail trade; repair of motor vehicles and motorcycles	23,1	0,8	1085,1	0,7
Transport and storage, postal and courier activities	60,8	2,0	3681,9	2,4
Temporary accommodation and organisation of catering information and telecommunications; financial and insurance activity; transactions with real estate; activity in the sphere of administrative and auxiliary servicing	17,0	0,5	933,0	0,6
Professional, scientific and technical activity; education	4,1	0,1	123,4	0,1
State administration and defense; compulsory social insurance	10,6	0,3	246,9	0,2
Health care and provision of social aid; art, sport, entertainment and leisure; provision of other types of services	6,7	0,2	132,6	0,1

10.9. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns¹

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	3959,4	4464,1	4131,6	4374,6	4335,3	4295,1	3350,0	2857,4	3078,1
Autonomous Republic of Crimea	33,5	35,1	32,3	32,9	32,7	26,6
of which									
Simferopol	2,0	2,1	2,1	1,9	1,9	2,5
Armyansk	6,1	9,7	12,1	12,7	13,7	5,7
Kerch	10,6	2,5	1,9	1,8	1,7	1,7
Krasnoperekopsk	8,6	10,8	7,9	7,8	7,3	6,9
Yalta	0,8	1,3	0,4	0,5	0,5	0,6
oblasts									
Vinnitsya	80,1	107,4	103,0	87,3	101,3	149,5	124,5	134,7	119,8
of which									
Vinnitsya city	2,1	5,1	3,4	4,2	4,1	2,9	3,3	15,8	12,1
Ladychyn	62,9	87,1	74,8	59,3	75,6	125,3	88,2	78,8	66,1
Volyn	10,3	10,1	8,2	7,6	7,3	6,6	4,3	4,7	4,7
of which									
Lutsk	2,1	1,8	1,0	0,9	0,9	0,9	1,0	0,9	0,8
Novovolynsk	2,8	0,7	0,2	0,3	0,3	0,3	0,2	0,2	0,2
Kovel	1,7	1,1	3,5	3,2	3,0	2,5	0,3	0,4	0,4
Dnipropetrovsk	783,6	993,7	933,1	950,4	962,0	940,5	855,8	723,9	833,0
of which									
Dnipro (<i>the former</i> Dnipropetrovsk city)	97,3	128,8	110,0	110,0	110,4	104,8	87,7	48,5	80,6
Zelenodolsk	79,4	108,6	173,4	205,3	219,3	185,2	155,7	66,9	146,1
Kamyanske (<i>the former</i> Dniprodzerzhinsk city)	105,0	126,1	108,5	124,7	116,4	115,5	105,0	101,0	90,5
Kryviy Rih	443,4	523,9	395,0	358,6	354,6	351,8	327,4	327,0	342,9
Nikopol	28,4	24,6	26,2	25,4	22,4	15,3	21,5	19,5	25,7
Donetsk	1590,0	1638,1	1378,1	1525,9	1514,8	1448,1	1043,0	917,6	981,4
of which									
Donetsk city	197,9	168,9	80,2	71,1	71,6	70,8
Avdyivka	37,4	23,8	14,7	17,9	17,0	14,3	9,7	8,1	10,3
Vuhledar	23,2	31,8	25,9	33,6	29,5	22,8	28,1	28,4	25,9
Horlivka	50,4	45,6	28,4	25,3	21,3	13,1
Debaltseve	108,6	95,5	112,8	127,0	172,2	74,4	109,4
of which									
Svitlodarske	94,3	90,6	104,2	117,9	163,5	65,4	101,1
Dobropillya	8,6	34,1	39,5	35,5	26,6	20,6	35,7	35,1	35,8
Yenakiyeve	74,8	66,1	67,4	83,2	77,3	75,2	43,9	42,7	42,7
Zuhres	70,8	61,3	70,8	98,7	99,4	116,5	...	56,5	53,7
Kurahove	117,2	103,4	123,9	166,2	148,4	166,0	125,0	112,7	126,4
Makiyivka	103,7	124,8	58,1	53,2	46,5	39,3	26,7
Mariupol	340,4	425,7	364,3	382,4	330,4	333,8	289,4	249,6	257,3
Novy Svit	121,8	123,7	109,9	105,4	118,0	133,0	96,1	81,4	97,0
Novoamvrosiyske	0,6	6,7	3,3	4,3	4,5	11,9
Pokrovskiy (<i>the former</i> Krasnoarmiysk city)	21,7	38,3	33,3	40,9	32,3	28,0	89,4	...	68,1
Rayhorodok	32,4	48,9	48,8	60,1	53,4	39,0	15,2	37,8	56,7
Rodynske	20,6	37,1	32,9	40,5	32,0	27,7	24,4	22,1	17,8
Slovyansk	2,0	2,5	1,6	1,6	1,5	1,1	0,4	0,7	0,4
Toretsk (<i>the former</i> Dzerzhynsk city)	31,6	20,1	10,8	12,2	12,4	13,8	8,8	7,6	8,9
Khartsyzk	88,4	68,9	75,4	103,1	110,2	126,6	79,5	56,5	53,7
Khrestivka (<i>the former</i> Kirovske city)	35,6	57,1	50,0	57,5	59,4	70,9

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 10.9 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Zhytomyr	12,3	13,4	18,4	19,0	18,5	17,2	10,9	9,0	9,3
of which									
Zhytomyr city	2,1	3,0	0,9	1,3	1,4	1,4	1,4	1,3	1,3
Berdychiv	1,5	2,2	5,6	5,7	5,7	5,4	0,3	0,2	0,2
Korosten	1,2	0,8	0,5	0,6	0,8	1,2	0,7	0,6	0,5
Zakarpattia	7,7	26,6	17,4	17,2	8,1	7,7	3,9	4,4	4,9
of which									
Uzhgorod	0,7	3,1	1,4	1,1	0,6	0,3	1,2	1,8	1,0
Vynohradiv	0,2	0,0	2,6	2,0	0,6	0,0	0,0	0,0	0,0
Volovets	1,0	2,0	0,5	0,7	0,2	0,1	0,2	0,2	0,2
Zaporizhzhya	231,2	262,0	217,5	229,3	207,6	245,9	206,7	193,7	167,0
of which									
Zaporizhzhya city	135,5	153,9	109,6	117,0	92,3	94,1	86,7	83,3	70,2
Enerhodar	80,8	98,4	100,3	104,9	107,7	145,5	113,5	103,9	91,4
Ivano-Frankivsk	141,0	204,2	169,2	221,8	196,7	202,9	228,8	223,9	196,7
of which									
Ivano-Frankivsk city	0,8	0,7	0,5	0,4	0,4	0,4	0,4	0,4	0,4
Burshtyn	118,9	176,5	146,8	198,7	174,7	182,7	199,8	198,0	168,5
Kyiv	80,8	73,0	106,8	113,6	129,4	111,9	96,2	78,1	98,2
of which									
Bila Tserkva	3,0	2,3	1,2	1,4	1,4	1,4	1,3	2,0	6,3
Bohuslav	0,1	3,3	1,9	1,9	1,1	1,3	0,6	1,1	0,0
Boyarka	0,1	0,4	5,4	1,1	4,0	3,6	3,1	0,1	0,6
Ukrayinka	64,5	53,2	82,8	91,7	109,2	91,8	76,9	55,5	74,7
Yagotyn	2,5	2,2	8,8	0,2	4,6	4,0	3,6	2,1	1,9
Kirovohrad	44,7	33,0	14,8	15,2	16,8	15,7	11,8	14,2	11,8
of which									
Kropyvnytskyi									
(the former									
Kirovohrad city)	2,2	2,4	2,2	2,4	2,3	2,3	2,4	2,3	2,3
Oleksandriya	32,1	12,5	0,2	0,4	0,2	0,2	0,2	0,2	0,2
of which									
Dymytrove	23,5	9,7	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Luhansk	429,0	474,7	511,7	472,0	447,6	442,0	197,8	115,2	155,5
of which									
Luhansk city	144,2	118,8	160,7	142,6	130,5	119,5
of which Schastya	140,4	112,9	155,7	136,6	124,0	114,3	90,9	55,5	73,2
Alchevsk	78,7	104,8	89,3	96,8	106,0	111,8	68,9	25,5	47,3
Kadiyivka									
(the former									
Stakhanov city)	19,7	29,2	23,9	22,2	19,9	17,4
Lysychansk	32,1	45,1	31,1	33,3	22,1	18,8	16,1	16,6	16,6
Perevalsk	10,7	6,1	6,4	0,1	0,1	0,2	0,5
Samsonivka	5,2	13,5	51,4	42,2	38,7	38,1
Sorokine									
(the former									
Krasnodon city)	26,0	73,0	14,6	13,4	14,6	13,1
of which									
Sukhodilsk	9,9	40,3	13,3	12,7	13,9	12,4
Khustalnyi (the former									
Krasniy Luch city)	20,1	16,7	5,5	5,6	6,7	5,8
Lviv	108,6	95,8	113,2	129,4	130,7	121,4	100,2	102,4	103,1
of which									
Lviv city	3,1	2,8	2,0	1,8	1,7	1,6	1,6	2,6	1,7
Dobrotvir	73,0	51,5	39,3	46,8	48,3	41,4	37,5	40,6	44,9

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 10.9 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Mykolayiv	11,4	24,3	21,5	25,7	25,1	20,4	15,9	15,8	13,9
of which									
Mykolayiv city	5,7	6,5	5,9	8,2	7,6	6,2	5,0	5,5	3,6
Olshanske	2,3	6,0	6,9	4,2	3,9	2,8	2,3	2,2	1,4
Odesa	23,2	40,5	29,2	30,5	28,2	26,2	23,2	26,1	26,4
of which									
Odesa city	9,4	21,1	14,4	15,2	13,1	11,9	10,5	9,7	11,9
Berezivka	0,3	1,8	0,3	0,3	0,2	0,3	0,1	0,2	0,2
Podilsk (<i>the former</i>									
Kotovsk city)	2,1	1,3	1,1	1,5	1,2	1,0	0,9	1,0	1,3
Chernomorsk (<i>the</i>									
former Illichivsk city)	1,2	1,4	1,1	0,8	1,0	1,1	1,2	1,1	1,0
Yuzhne	2,2	2,8	2,7	2,6	2,3	2,6	2,6	2,5	1,7
Poltava	60,4	68,4	72,8	72,3	67,9	66,6	62,9	55,6	56,2
of which									
Poltava city	2,9	2,4	1,8	1,6	1,4	1,1	1,1	1,2	1,2
Horishni Plavni									
(<i>the former</i>									
Komsomolsk city)	7,1	9,6	11,3	12,7	12,9	12,2	12,8	12,2	9,2
Kremenchuk	24,9	28,7	18,7	19,9	20,7	19,8	18,6	16,1	20,8
Rivne	14,1	17,3	12,9	17,1	14,9	12,0	11,6	10,2	9,1
of which									
Rivne city	4,2	3,3	4,5	5,9	4,7	4,0	4,4	3,7	3,2
Zdolbuniv	2,8	5,5	2,7	4,8	4,6	3,5	3,1	2,7	2,3
Sumy	26,3	26,1	31,7	35,9	30,2	30,5	27,0	17,5	19,8
of which									
Sumy city	8,0	8,6	10,4	12,9	10,9	9,9	8,9	6,5	7,0
Konotop	1,4	0,7	0,3	0,3	0,2	0,3	0,2	0,3	0,3
Shostka	1,4	0,5	0,4	0,4	0,5	0,6	0,5	0,3	0,4
Ternopil	9,2	14,8	18,5	20,4	20,9	15,9	8,2	8,5	9,0
of which									
Ternopil city	1,1	0,8	0,6	0,6	0,5	0,6	0,5	0,6	0,6
Velyki Birky	0,6	2,3	10,7	11,3	12,0	7,8	0,0	0,0	0,0
Kremenets	0,9	0,5	0,9	1,1	1,1	0,7	0,3	0,3	1,3
Kharkiv	143,7	158,7	151,9	174,1	197,6	210,3	150,5	53,4	100,2
of which									
Kharkiv city	20,6	6,9	4,9	5,0	5,3	4,9	4,5	4,4	4,9
Balakliya	4,6	9,1	0,7	3,6	0,5	0,6	0,5	0,4	0,4
Donets (<i>the former</i>									
Chervoniy Donets									
city)	8,2	4,0	3,5	2,9	3,0	3,6	2,8	2,5	2,6
Slobozhanske									
(<i>the former</i>									
Komsomolske city)	95,2	104,4	108,1	126,2	151,3	164,3	113,9	22,8	55,9
Kherson	11,6	11,0	5,3	5,8	6,4	6,0	7,2	8,9	9,7
of which									
Kherson city	8,0	9,2	3,5	4,2	4,2	4,2	5,4	5,4	3,0
Khmelnyskiy	18,4	16,0	19,1	18,7	16,4	17,2	17,1	18,3	21,7
of which									
Khmelnyskiy city	2,9	1,2	1,0	1,0	1,0	1,1	1,1	1,0	1,0
Humensi	2,2	7,2	9,4	9,5	6,9	7,1	7,8	7,1	7,6
Krasyliv	1,6	1,9	3,6	3,1	3,6	3,6	2,8	0,8	0,6
Slavuta	1,9	1,2	0,3	0,4	0,4	0,5	0,4	0,5	0,4
Starokostyantyniv	0,8	0,3	0,5	0,4	0,4	0,3	0,2	0,2	0,3
Cherkasy	28,8	39,4	61,2	62,2	69,4	73,1	66,7	57,5	52,3
of which									
Cherkasy city	16,8	21,4	32,3	30,4	35,7	39,9	36,4	29,8	23,8
Smila	1,3	1,8	0,3	0,4	0,4	0,4	0,3	0,3	0,3

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 10.9 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Talne	0,8	2,2	0,9	1,2	1,0	0,8	0,4	0,4	0,2
Chernivtsi	4,1	5,2	3,8	3,8	2,9	2,7	2,5	3,2	3,0
of which									
Chernivtsi city	1,4	1,4	1,3	1,3	1,1	1,0	1,0	1,1	1,0
Chernihiv	20,2	37,5	47,4	49,5	45,8	43,7	41,9	33,9	37,1
of which									
Chernihiv city	8,0	12,3	19,8	23,0	21,4	21,1	20,0	15,1	18,5
Nizhyn	1,2	1,6	1,0	1,1	1,0	1,0	1,1	1,1	1,1
Olyshivka	1,3	1,6	3,3	3,3	2,6	2,4	2,4	0,1	0,0
cities									
Kyiv	32,6	33,6	28,6	33,3	32,9	31,9	31,4	26,7	34,3
Sevastopol	2,6	4,2	4,0	3,7	3,2	2,6

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

10.10. Pollutant emissions and carbon dioxide into the atmosphere from stationary sources of pollution in 2016, by region

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxide	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	non-methane volatile organic compounds	
Ukraine	3078,1	1076,4	240,2	466,5	802,8	9,6	4,7	52,2	150,6
Autonomous Republic of Crimea
oblasts									
Vinnitsya	119,8	51,1	8,1	40,5	4,8	0,1	0,3	4,0	5,1
Volyn	4,7	0,4	0,5	0,7	1,4	0,2	0,1	0,3	0,5
Dnipropetrovsk	833,0	181,8	43,2	134,6	354,5	6,3	0,0	2,0	31,0
Donetsk	981,4	393,0	55,3	148,1	268,7	0,6	0,8	0,7	38,2
Zhytomyr	9,3	0,9	1,5	2,4	1,6	0,0	0,1	0,5	0,7
Zakarpattia	4,9	0,0	0,6	2,6	1,1	0,0	0,1	0,2	0,1
Zaporizhzhya	167,0	71,4	26,8	1,0	52,3	0,1	0,2	2,1	13,2
Ivano-Frankivsk	196,7	137,7	13,3	6,6	2,9	0,3	0,0	3,7	11,3
Kyiv	98,2	44,0	10,4	7,9	3,2	0,2	0,2	1,4	5,0
Kirovohrad	11,8	0,8	1,2	2,0	2,2	0,0	0,1	1,1	1,0
Luhansk	155,5	62,0	12,9	4,0	53,8	0,1	0,1	4,2	9,8
Lviv	103,1	36,7	6,4	43,2	6,7	0,1	0,2	2,5	3,5
Mykolayiv	13,9	0,6	2,5	4,2	1,7	0,1	0,1	0,6	2,1
Odesa	26,4	1,2	2,0	13,5	4,8	0,0	0,0	1,1	2,1
Poltava	56,2	9,6	9,8	7,8	11,3	0,1	0,1	10,9	3,4
Rivne	9,1	0,8	2,4	0,6	1,7	0,9	0,0	0,4	1,3
Sumy	19,8	3,1	2,9	3,1	5,1	0,0	0,2	1,5	1,6
Ternopil	9,0	0,3	0,6	3,2	2,4	0,0	0,1	0,4	0,4
Kharkiv	100,2	47,0	12,2	5,7	8,0	0,1	0,4	3,2	7,2
Kherson	9,7	0,5	0,3	5,8	0,8	0,1	0,4	1,0	0,3
Khmelnyskiy	21,7	4,1	5,1	2,2	5,6	0,1	0,8	1,2	2,4
Cherkasy	52,3	6,7	10,5	15,3	2,6	0,1	0,1	1,1	2,9
Chernivtsi	3,0	0,4	0,3	0,2	0,8	0,0	0,2	0,5	0,1
Chernihiv	37,1	10,0	3,9	10,8	2,6	0,0	0,1	1,9	1,7
cities									
Kyiv	34,3	12,3	7,5	0,5	2,2	0,1	0,0	5,7	5,7
Sevastopol

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

10.11. Implementation of air protection measures in 2016

	Total measures	Total costs by estimated cost, mln. UAH	Costs spent since the beginning of event, mln. UAH	Decrease in pollutants emissions into the air after implementing air protection measures, thsd.t	
				expected	actual
Total	295	2093,9	2228,3	37,8	30,1
including					
improvements to technological processes (including change over to other types of fuels, raw materials, etc)	33	60,5	96,0	5,8	5,8
construction and new gas-cleaning installations and facilities put into services	12	288,4	608,4	10,7	6,3
improvements to efficiency of current waste treatment facilities (including their modernisation, reconstruction, and repair)	138	1610,8	1389,6	7,0	2,6
liquidation of pollution sources	8	3,2	3,3	0,0	0,0
conversion of enterprises (shops, sectors) in order to produce other products	—	—	—	—	—
other measures	104	131,0	131,0	14,3	15,4

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

WASTES

10.12. Basic indicators for the generation and treatment of wastes¹

(thsd.t)

	2000	2005	2010		2015		2016	
			1 st -4 th hazard category	including 1 st -3 rd hazard category	1 st -4 th hazard category	including 1 st -3 rd hazard category	1 st -4 th hazard category	including 1 st -3 rd hazard category
Generation ²	2613,2	2411,8	425914,2	1659,9	312267,6	587,3	295870,1	621,0
including from economic activity	2613,2	2411,8	419191,8	1659,8	306214,3	587,1	289523,6	618,7
Collected, received from the outside	56,4	166,0	30015,1	259,6	22776,0	119,2	22606,6	169,0
Imported	...	6,3	4,1	0,0	3,4	2,5	7,9	1,7
Utilized	1376,2	863,4	145710,7	642,4	92463,7	314,5	84630,3	337,9
Burned off	...	71,4	1058,6	16,5	1134,7	5,8	1106,1	6,2
Transferred for utilization ³	646,2	2349,7	41822,9	985,2	8401,3	222,8	8953,7	203,4
Transferred for removal ³	14444,0	44,6	8224,4	65,7
Exported	...	32,3	281,3	26,6	675,4	1,0	415,6	1,3
Removed to special sites or facilities	760,6	948,5	313410,6	126,9	152295,0	78,6	157379,3	111,7
Placed on fly dumping ⁴	13,2	1,8	87,4	0,1	14,4	0,0	12,4	0,0
Lost (vaporization, drain, fires, etc)	...	106,6	1367,6	188,2	6,5	0,1	19,8	0,0
Accumulated during exploitation at sites for wastes removal end of year ⁵ , mln.t	26,2	21,7	13267,5	16,2	12505,9	12,1	12393,9	12,1
per 1 sq.km, t	43,5	35,9	21984,2	26,9	21692,8	20,9	21498,6	21,0

¹ Before 2010, data after wastes of 1st-3rd hazard category

² Before 2010, data from economic activity of enterprises and organisations, since 2010, including wastes received in households

³ Prior to 2010 inclusive, data on the general volume of wastes transferred to a third party (for utilization and removal) are presented

⁴ Prior to 2010 inclusive, data on wastes removed to the sites for inorganized storage are given

⁵ Prior to 2010 inclusive, data on the general volume of end-of- year wastes that were permanently and temporarily placed at specially allocated sites or objects of economically active enterprises and organizations are presented

10.13. Generation of wastes, by hazard category¹

(thsd.t)

	2000	2005	2010	2014	2015	2016
Total	2613,2	2411,8	425914,2	355000,4	312267,6	295870,1
including						
1 st hazard category	13,8	12,6	5,0	2,7	2,0	2,3
2 nd hazard category	176,0	320,8	506,6	36,8	30,1	30,4
3 rd hazard category	2423,4	2078,4	1148,3	700,2	555,2	588,3
4 th hazard category	424254,3	354260,7	311680,3	295249,1

¹ See the second footnote to Table 10.12

10.14. Wastes accumulated during exploitation at sites for wastes removal, by hazard category¹*(end of year; thsd.t)*

	2000	2005	2010	2014	2015	2016
Total	26244,1	21674,0	13267455,0	12205388,8	12505915,8	12393923,1
including						
1 st hazard category	149,1	38,6	25,8	15,0	14,8	15,9
2 nd hazard category	1685,2	1846,9	2270,7	223,5	278,3	277,4
3 rd hazard category	24409,8	19788,5	13939,8	11757,5	11761,9	11809,1
4 th hazard category	13251218,7	12193392,8	12493860,8	12381820,7

¹ See the fifth footnote to Table 10.12**10.15. Generation of wastes in 2016, by category of materials**

	Thsd.t	Percent of total
Total	295870,1	100,0
Used solvents	1,1	0,0
Wastes of acids, alkalis or salts	278,6	0,1
Used oils	14,0	0,0
Chemical wastes	940,7	0,3
Industrial drains sediments	3919,8	1,3
Sludge and liquid waste treatment facilities	838,3	0,3
Waste products from medical service and biology	0,7	0,0
Iron and steel waste	3706,0	1,3
Nonferrous waste	23,5	0,0
Mixed iron and steel, and nonferrous wastes	10,4	0,0
Glass wastes	25,8	0,0
Paper and cardboard wastes	184,5	0,1
Rubber wastes	20,3	0,0
Plastic wastes	51,9	0,0
Wood wastes	933,8	0,3
Textile wastes	18,8	0,0
Waste products containing polychlorinated biphenyl	0,1	0,0
Unusable equipment	10,8	0,0
Unusable vehicles	2,0	0,0
Waste products of accumulators and batteries	4,0	0,0
Animal waste and mixed food waste	990,6	0,3
Phytogenic waste	8606,0	2,9
Animal excrements, stale and pus	4288,7	1,5
Household and similar waste	6946,2	2,4
Mixed and non-differentiated materials	9429,1	3,2
Residues of sorting	81,9	0,0
Usual dreg	693,6	0,2
Mineral waste of construction and object demolition including mixed construction waste	822,5	0,3
Burning out waste	13829,9	4,7
Other mineral waste	225883,5	76,3
Earth waste	501,7	0,2
Barren rock from dredging work	12500,1	4,2
Solidified, stabilized or vitrified waste; mineral waste generated after processing	311,2	0,1

10.16. Wastes treatment in 2016, by category of materials*(thsd.t)*

	Burned to receive energy	Burned without the receipt energy	Utilized	Removed into special sites or facilities
Total	1035,3	70,8	84630,3	157379,3
Used solvents	—	0,1	0,1	0,0
Wastes of acids, alkalis or salts	—	4,7	77,4	162,6
Used oils	0,2	3,0	22,1	0,0
Chemical wastes	0,0	0,5	4,8	910,8
Industrial drains sediments	0,0	2,6	1019,3	304,1
Sludge and liquid waste treatment facilities	—	0,1	9,4	304,0
Waste products from medical service and biology	—	1,1	0,1	0,0
Iron and steel waste	—	—	3272,7	759,0
Nonferrous waste	—	—	4,8	0,0
Mixed iron and steel, and nonferrous wastes	—	—	1,4	0,3
Glass wastes	0,0	0,0	1,8	1,0
Paper and cardboard wastes	0,0	0,2	47,8	2,1
Rubber wastes	0,0	0,1	5,6	0,9
Plastic wastes	0,0	0,6	51,4	2,6
Wood wastes	381,5	19,9	58,3	16,3
Textile wastes	0,4	0,2	1,1	0,4
Waste products containing polychlorinated biphenyl	—	—	0,0	—
Unusable equipment	0,0	0,0	0,9	0,1
Unusable vehicles	0,0	—	0,1	—
Waste products of accumulators and batteries	—	—	33,4	0,0
Animal waste and mixed food waste	0,0	2,3	315,1	12,9
Phytogenic waste	392,4	32,6	3158,4	7,0
Animal excrements, stale and pus	—	—	3146,9	58,9
Household and similar waste	257,3	2,0	6,5	6089,5
Mixed and non-differentiated materials	0,1	0,7	1390,3	3428,5
Residues of sorting	0,1	—	186,0	17,0
Usual dreg	—	—	406,2	313,1
Mineral waste of construction and object demolition including mixed construction waste	0,0	0,0	222,5	882,3
Burning out waste	0,0	0,0	4150,6	5920,2
Other mineral waste	3,3	0,1	57016,1	134464,4
Earth waste	—	0,0	87,1	158,5
Barren rock from dredging work	—	—	9930,6	3380,8
Solidified, stabilized or vitrified waste; mineral waste generated after processing	—	0,0	1,5	182,0

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

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

(thsd.t)

	2014		2015		2016	
	I-IV hazard classes	of which I-III hazard classes	I-IV hazard classes	of which I-III hazard classes	I-IV hazard classes	of which I-III hazard classes
All types of economic activity	355000,4	739,7	312267,6	587,3	295870,1	621,0
Agriculture, forestry and fishing	8451,4	121,0	8736,8	93,6	8715,5	80,6
Mining and quarrying	267506,1	39,1	232642,4	37,6	217907,8	30,0
Manufacturing	64755,8	523,0	56506,3	404,5	53857,9	449,4
Electricity, gas, steam and air conditioning supply	5972,7	9,7	6597,5	6,4	7511,5	11,1
Water supply, sewerage, waste management and remediation	612,5	1,4	594,2	3,6	457,4	3,1
water collection, treatment and supply	505,8	0,4	397,6	0,4	308,1	0,5
sewerage, remediation activities	12,0	0,1	14,6	0,1	10,6	0,0
other waste management services	0,6	0,0	2,0	0,0	2,5	0,0
waste collection, treatment and disposal activities; materials recovery	94,1	0,9	180,0	3,1	136,2	2,6
Construction	131,2	1,6	89,9	1,1	88,9	0,7
Other type of economic activity	1256,4	42,5	1047,2	40,3	984,6	43,8
Households	6314,3	1,4	6053,3	0,2	6346,5	2,3

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

USE OF ENVIRONMENT, ECONOMIC INDICATORS

10.18. Capital investment and current costs for environmental protection

	2000	2005	2010	2013	2014	2015	2016
Capital investment and current expenditure at actual prices, mln. UAH	3224,3	7089,2	13128,0	20377,8	21925,6	24591,1	32488,7
including capital investment	605,9	1775,6	2761,5	6038,8	7959,9	7675,6	13390,5
of which capital repair of fixed assets intended for nature protection purposes	233,3	312,3	498,0	662,1	640,8	484,9	612,6
current costs	2618,4	5313,6	10366,5	14339,0	13965,7	16915,5	19098,2
Share of costs for environmental protection out of the Central budget funds, percent							
capital investment	7,9	8,5	8,7	1,3	0,5	4,1	2,8
current costs	1,3	2,1	2,7	2,6	2,0	1,8	2,9

10.19. Capital investment for environment protection by purpose

(at current prices; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016
Total	2761,5	6451,0	6589,3	6038,8	7959,9	7675,6	13390,5
By purpose							
air protection, climate change prevention	1139,9	2535,6	2462,7	2411,9	1915,1	1422,9	2502,8
purification of waste waters	734,7	721,3	846,9	834,1	1122,2	848,9	1160,0
waste treatment	475,6	1183,9	730,5	713,9	784,0	737,5	2208,7
protection and restoration of soils, surface and subsurface water	319,9	639,1	540,5	325,0	359,9	388,3	420,0
noise and vibration reduction	10,7	39,1	33,4	28,2	9,9	40,8	94,8
conservancy of biological diversity and habitat	19,5	18,4	15,8	26,4	11,5	22,4	49,6
radiation safety	1,6	1274,9	1922,1	1678,9	3745,1	4205,0	6944,0
researches on environmental protection	7,6	11,5	6,1	6,2	6,2	2,1	2,4
other purposes of environmental protection activity	52,0	27,2	31,3	14,2	6,0	7,8	8,2

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

10.20. Current expenditure for environmental protection by purpose

(at current prices; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016
Total	10366,5	12039,4	13924,7	14339,0	13965,7	16915,5	19098,2
By purpose							
air protection, climate change prevention	1314,8	1475,4	1341,5	1415,8	1238,6	1519,8	1760,6
purification of waste waters	5035,4	5388,4	6195,1	6175,9	5611,6	6644,3	7800,1
waste treatment	2599,6	3865,9	4756,2	4844,3	5417,0	6801,9	6719,6
protection and restoration of soils, surface and subsurface water	476,3	592,7	743,5	923,3	964,7	1152,7	1197,2
noise and vibration reduction	0,6	31,7	118,2	110,7	3,2	67,6	267,2
conservancy of biological diversity and habitat	236,4	328,9	384,7	417,1	358,5	378,4	544,5
radiation safety	457,8	72,1	80,6	154,2	121,5	88,7	109,5
researches on environmental protection	57,6	49,9	63,7	58,7	52,9	46,7	56,2
other purposes of environmental protection activity	188,0	234,4	241,2	239,0	197,7	215,4	643,3

10.21. Selected capacities for environmental protection put into operation

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Sewage treatment facilities, thsd.cub.m per 24 hours (water-borne wastes)	74	37	110	52	111	90	12	14	181
including									
for industrial effluent	22	7	47	6	37	84	12	6	1
for municipal sewage	52	30	63	45	67	1	0,3	4	180
Reused water supply and waste systems, thsd.cub.m per 24 hours (reused water)	20	24	14	16	80	0,4	49	38	5
Absorption gas traps, thsd.cub.m per hour	916	670	500	2213	3363	—	—	432	25
Enterprises and grounds for recycling, neutralisation and disposal of toxic industrial, household and other waste, thsd.t	56	375	11	50	1300	131	—	30	—

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

10.22. Expenditure for environment protection in 2016, by type of economic activity

(at current prices; mln. UAH)

	Total	Including		
		capital investment		current expenditure
		total	of which expenditure for capital repair	
All types of economic activity	32488,7	13390,5	612,6	19098,2
Agriculture, forestry and fishery	367,2	43,7	0,2	323,4
Mining and quarrying	5192,8	503,6	81,1	4689,2
Processing industry	7746,7	2832,5	183,6	4914,2
including				
foodstuffs production	332,5	123,5	6,8	209,0
beverage production	44,3	6,4	—	37,9
paper and paper products production	214,1	4,1	—	210,0
coke and refined products production	805,1	79,2	56,7	725,9
production of chemical substances and chemical products	765,2	32,3	13,9	733,0
metallurgical production	5015,4	2469,3	89,0	2546,2
machines and equipment production	126,0	27,6	13,1	98,4
Supply of electricity, gas, steam and conditioned air	9605,1	8542,9	35,7	1062,2
Water supply, sewerage, wastes treatment	6094,6	750,0	177,2	5344,6
including				
water abstraction, purification and supply	4214,8	636,0	155,1	3578,8
sewerage, disposal and purification of sewage	475,9	34,3	17,5	441,7
wastes collection, processing and removal; materials renewal	1390,3	79,8	4,6	1310,5
Construction	15,2	0,0	—	15,2
Wholesale and retail trade; repair of motor vehicles and motorcycles	1163,6	30,9	0,1	1132,7
Transport, warehousing, mail and courier activity	819,6	96,7	51,7	722,9
Professional, scientific and technical activity	191,1	57,0	11,1	134,0
Activity in the sphere of administrative and supporting servicing	164,0	11,6	0,2	152,5
State administration and defense; compulsory social insurance	779,8	443,4	67,7	336,4
Arts, entertainment and recreation	183,9	33,6	1,6	150,2
Other type of economic activity	165,1	44,6	2,4	120,7

11. NATIONAL ACCOUNTS

The System of National Accounts (SNA) is a system of indicators providing coherent and consecutive descriptions of fundamental economic processes and events: production, income, consumption, capital formation and finance.

The State Statistics Service of Ukraine compiles the national accounts in line with the SNA standard adopted by international organisations in 2008.

According to the international SNA standard the institutional units are grouped into five sectors:

non-financial corporations refer to the institutional units involved in marketable production of marketable goods and services for sale at prices covering the production costs and providing a surplus;

financial corporations are the institutional units specializing in financial intermediation (banks, insurance companies, etc);

general government incorporates the central and local governments, non-profit public sector entities and State earmarked funds;

household sector covers the natural persons both as consumers and in some cases as unincorporated businesses;

non-profit institutions sector serving households (NPISH) refer to the institutional units set up by selected groups of households to satisfy their political, religious and professional interests, and also to render social and cultural services on a non market basis.

The SNA reflects the economy development at various stages of the production process, it shows the movements of goods and services, and also production and use of gross domestic product (gross value added).

The production stage is characterised by output, intermediate consumption, gross domestic product (gross value added).

Output is the value of goods and services

resulting from the production activity of resident units over the reference period.

Intermediate consumption is the expenditure for goods and services used by the institutional units for production their activities.

Gross value added (GVA) is calculated as the difference between the output of goods and services at basic prices and intermediate consumption. It includes the primary income generated by producers and distributed among them.

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

Gross domestic product (GDP) is the integrated indicator of the country's economic development that characterizes the final result of production activity of resident-units and is measured through the value of goods and services produced by them for final use. At the production stage is defined as the difference between output at market prices and intermediate consumption valued at prices of consumers. It is also the total of gross values added by type of economic activity and taxes on products less subsidies on products. Since 2010, the estimates of the GVA have been compiled by type of economic activity according to *the Classification of Types of Economic Activity* (State Classifier 009:2010).

Taxes on products are the taxes which are produced proportionally to the number or value of goods and services produced, sold or imported by production unit-resident.

Subsidies on products are first of all the subsidies that are provided proportionally to the number or value of products and services sold on domestic market or exported by production unit-resident. They include the reimbursement from the state and local budgets in accordance with the state regulation

of prices for produce and are provided in order to meet the current losses of enterprises, improve their financial stance by the way of working capital financing or certain expenditure compensating.

Income generation at the level of the GDP is characterised by the following indicators: labour remuneration of employees, taxes and subsidies on production and imports (at the level of the gross value added by other taxes and subsidies associated with the production) and the gross (net) profit.

Labour remuneration of employees includes wages and salaries, actual and conventional contributions to the social security done by employers and estimated on the basis of the accrued sums. Wages and salaries are remuneration in cash or in kind which should be paid by the resident employer to an employee for the work he has done over the reference period, regardless of whether this employee is resident or not.

Taxes on production and imports include all taxes and duties that refer to the production activity and are split into two groups: taxes on products and other taxes related to production while **subsidies on production and imports** are the subsidies on products and other subsidies connected with the production.

Other taxes related to production include the payments of enterprises and organisations to the state and local budgets, the state special-purpose funds due to the use of land and provision of permits for the specific types of activities.

Other subsidies related to production are those that are provided to production units-residents to carry out the production process in order to implement the certain economic and social policy.

Gross (net) operating surplus is an indicator that characterises the excess of income over expenditure that enterprises have as a result of the production. For the sector of households,

this called mixed income. The net operating surplus is defined by excluding consumption of fixed capital from the gross operating surplus.

At the stage of use, GDP is estimated as a sum of final consumption of goods and services, gross capital formation, exports/imports balance of goods and services.

Final consumption of goods and services consists of expenditure of households for their own final consumption, expenses of general government to meet individual and collective needs of the society. It is also includes expenditure for individual final consumption of non-profit organisations that is serving households.

Gross capital formation is estimated as the sum of the gross fixed capital formation, changes in inventories and the purchase less disposal of valuables.

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

The input-output table at consumers' prices is compiled according to the SNA. It gives a comprehensive picture of the processes characterising production and relationships between the types of the economic activity. Input-output table uses the indicators identical with the system of national accounts and methodology for their estimation. The table shows the production links between the types of economic activities, the value structure of the gross domestic product and its use for the final consumption and the gross capital formation.

The evolution and volumes of structural changes in the economy of Ukraine's regions are characterized by **gross regional product (GRP)** which is measured by value of goods and services produced by region's subjects for the final use. This is an integrated indicator of the economic development of region that characterizes its input into the creation of gross domestic product of Ukraine.

NATIONAL ACCOUNTS

11.1. Gross domestic product (GDP)

	At current prices		Volume indices			Deflator indices
	gross domestic product	per capita gross domestic product	gross domestic product	per capita gross domestic product	gross domestic product	gross domestic product
	mln. UAH	UAH	at the prices of the previous year, percent		as a percentage of 2010	as a percentage of the previous year
2010	1120585	24429	104,1	104,5	100,0	113,7
2011	1349178	29519	105,4	105,8	105,4	114,2
2012	1459096	32002	100,2	100,4	105,6	108,0
2013	1522657	33473	100,0	100,3	105,7	104,3
2014	1586915	36904	93,4	93,7	98,8	115,9
2015	1988544	46413	90,2	90,6	89,1	138,9

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

(at current prices; mln. UAH)

	Year	Output	Inter-mediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Agriculture, forestry and fishing	2010	195390	112442	82948	17896	-305	65357
	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 11.2 continued

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Water supply, sewerage, waste management and remediation	2010	25318	17121	8197	6977	-28	1248
	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
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

NATIONAL ACCOUNTS

Table 11.2 continued

	Year	Output	Inter-mediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
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
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

NATIONAL ACCOUNTS

Table 11.2 continued

	Year	Output	Inter- mediate consump- tion	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
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
Arts, 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
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
Total (at basic prices)	2010	2466423	1474248	992175	540651	2929	448595
	2011	2965675	1798775	1166900	636722	4296	525882
	2012	3150653	1888496	1262157	736495	-10799	536461
	2013	3189558	1853194	1336364	763187	3537	569640
	2014	3354027	1971308	1382719	734943	-5	647781
	2015	4189241	2499854	1689387	777646	16754	894987
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	×
Gross domestic product	2010	2594833	1474248	1120585	540651	131339	448595
	2011	3147953	1798775	1349178	636722	186574	525882
	2012	3347592	1888496	1459096	736495	186140	536461
	2013	3375851	1853194	1522657	763187	189830	569640
	2014	3558223	1971308	1586915	734943	204191	647781
	2015	4488398	2499854	1988544	777646	315911	894987

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11.3. GVA structure, by type of economic activity in volume of GDP*(at current prices; percent)*

	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	7,4	8,1	7,8	8,7	10,2	12,1
Mining and quarrying	5,7	6,3	5,7	5,4	5,0	4,8
Manufacturing	13,0	11,8	12,2	11,2	12,2	11,9
Electricity, gas, steam, and air-conditioning supply	2,8	3,1	3,1	2,9	2,8	2,7
Water supply, sewerage, waste management and remediation	0,7	0,6	0,5	0,5	0,5	0,4
Construction	3,3	3,0	2,8	2,5	2,3	1,9
Wholesale and retail trade; repair of motor vehicles and motorcycles	14,5	14,9	14,4	14,6	14,7	13,8
Transport and storage, postal and courier activities	7,8	8,0	7,1	7,2	6,4	6,8
Accommodation and food service activities	0,9	0,9	0,8	0,8	0,6	0,6
Information and communication	3,0	2,9	3,0	3,2	3,3	3,6
Financial and insurance activities	5,6	4,4	4,3	4,4	4,4	3,4
Real estate activities	5,3	5,3	6,0	6,5	6,2	6,2
Professional, scientific and technical activities	2,5	2,3	2,9	3,2	3,0	2,8
Administrative and support service activities	1,1	1,1	1,2	1,2	1,1	1,1
Public administration and defence, compulsory social security	4,8	4,3	4,4	4,8	5,0	4,8
Education	5,0	4,6	5,1	5,4	4,8	4,2
Human health and social work activities	3,7	3,4	3,6	3,4	2,9	2,6
Arts, entertainment and recreation	0,6	0,6	0,7	0,9	0,8	0,6
Other services	0,8	0,8	0,9	1,0	0,9	0,7
Total (at basic prices)	88,5	86,4	86,5	87,8	87,1	85,0
Taxes on products	11,7	13,7	13,8	12,4	13,0	15,2
Subsidies on products	-0,2	-0,1	-0,3	-0,2	-0,1	-0,2
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0

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11.4. GDP, by category of final use

(at current prices)

	2010	2011	2012	2013	2014	2015
Mln. UAH						
Gross domestic product	1120585	1349178	1459096	1522657	1586915	1988544
Final consumption expenditure	946270	1154205	1287542	1397512	1429959	1709213
households	717509	905609	1001964	1099191	1120876	1317110
non-profit institutions serving households	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
Percent of total						
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0
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 households	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

11.5. GDP structure, by income category

(percent)

	2010	2011	2012	2013	2014	2015
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0
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

NATIONAL ACCOUNTS

11.6. Integrated table of

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

NATIONAL ACCOUNTS

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)	Accounts
Import of goods and services							1083438		Production account / External goods and services account
Export of goods and services								1045928	
Output (at basic prices)	3075741	105376	366993	627293	13838	4189241			
Intermediate consumption								2499854	
Taxes on products			302344			302344			
Subsidies on products			-3187			-3187			
Gross value added / gross domestic product¹	990651	65844	238325	386492	8075	1689387		1689387	Generation of income account
Consumption of fixed capital									
Net value added / net domestic product									
External balance of goods and services							37510	37510	
Compensation of employees				867527		867527			Allocation of primary income account
Taxes on production and imports			333956			333956			
taxes on products			302344			302344			
other taxes on production			31612			31612			
Subsidies on production and imports			-18041			-18041			
subsidies on products			-3187			-3187			
other subsidies on products			-14854			-14854			
Gross operating surplus, mixed income	468159	37335	28969	359465	1059	894987		894987	
Net operating, mixed income									
Property income	34847	190191	118065	80035	269	423407	117553	540960	
Gross balance of primary income / gross national income	259969	39800	374728	1288444	1328	1964269		1964269	Secondary distribution of income account
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 in non-government pension funds
	1709213			1709213	15788	1317110	376315			Final consumption expenditure
	1553757			1553757	15788	1317110	220859			individual consumption expenditure
	155456			155456			155456			collective consumption expenditure
	334873			334873	610	48938	30293	13657	241375	Gross saving
Use of adjusted disposable income account	87939			87939	−449	12979	1324	9056	65029	Net saving
										Gross adjusted disposable income
	1709213			1709213		1553757	155456			Actual final consumption
	1553757			1553757		1553757				actual individual final consumption
	155456			155456			155456			actual collective final consumption
	334873			334873	610	48938	30293	13657	241375	Gross saving
	87939			87939	−449	12979	1324	9056	65029	Net saving
	−18032		−18032							Current external balance

NATIONAL ACCOUNTS

Table 11.6 continued

Resources										
Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	Non-profit institutions serving households	Total economy	Rest of the world	Goods and services (resources)	Total	Accounts
Current taxes on income, wealth, etc			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	
Gross disposable income	241375	13716	406608	1365989	16398	2044086			2044086	Redistribution of income in kind account
Net disposable income										
Social transfers in kind				236647		236647			236647	
Gross adjusted disposable income										
Net adjusted disposable income										
Gross disposable income	241375	13716	406608	1365989	16398	2044086			2044086	Use of disposable income account
Adjustment for the change in net equity of households in non-government pension funds	59	...	59	...		59	
Final consumption expenditure								1709213	1709213	
individual consumption expenditure								1553757	1553757	
collective consumption expenditure								155456	155456	
Gross saving										
Net saving										
Gross adjusted disposable income	241375	13716	185749	1602636	610	2044086			2044086	Use of adjusted disposable income account
Actual final consumption										
actual individual final consumption										
actual collective final consumption										
Gross saving										

NATIONAL ACCOUNTS

Uses										
Accounts	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
Capital account										
										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
	0		1134	-1134	-6871	136	5601	Acquisitions less disposals of non-produced non-financial assets
	0		-27795	27795	491	15096	-6527	-6302	25037	Net lending (+), net borrowing (-)
Financial account										
										Statistical discrepancy
	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
	626911		-59798	686709	-13	59388	13263	79985	534086	Other accounts receivable / payable

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

NATIONAL ACCOUNTS

Table 11.6 continued

Resources										
Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	Non-profit institutions serving households	Total economy	Rest of the world	Goods and services (resources)	Total	Accounts
Net saving	65029	9056	1324	12979	-449	87939			87939	Capital account
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	
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										
Net lending (+), net borrowing (-)	25037	-6302	-6527	15096	491	27795	-27795		0	Financial account
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	

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11.7. Input-output

	Intermediate						
	agriculture, forestry and fishing	mining and quarrying	manufacturing	electricity, gas, steam and air-conditioning supply	water supply, sewerage, waste management and remediation	construction	wholesale and retail trade; repair of motor vehicles and motorcycles
Agriculture, forestry and fishing	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, entertainment and recreation	25	33	474	28	14	7	168
Other services	88	106	319	112	85	37	868
Intermediate consumption	392309	123791	1355673	123383	19058	149667	275174
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
Gross domestic product	249012	111220	438702	61568	8993	47237	277097
Output of goods and services	641321	235011	1794375	184951	28051	196904	552271

¹ The table is aggregated

NATIONAL ACCOUNTS

at consumer prices in 2015¹

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

NATIONAL ACCOUNTS

Table 11.7 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, entertainment and recreation	8102	145	8776			45	1831	–6446	21194
Other services	11776	8418	22	98			3709	–4018	22739
Total	1317110	15788	376315	269422	47231	188	1045928	–1083438	4980781

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11.8. Gross regional product

(at current prices; mln. UAH)

	2008	2009	2010	2011	2012 ¹	2013 ¹	2014 ¹	2015 ¹
Ukraine	948056	913345	1082569	1302079	1459096	1522657	1586915	1988544
Autonomous Republic of Crimea	27365	27396	32426	38220	44536	46393
oblasts								
Vinnitsya	20094	20104	23589	29099	33024	36191	43990	59871
Volyn	12784	12225	14429	17637	20005	20622	24195	31688
Dnipropetrovsk	104687	93331	116136	140020	147970	152905	176540	215206
Donetsk	117646	103739	128986	161021	170775	164926	119983	115012
Zhytomyr	15008	14731	18743	21928	24849	25676	29815	38425
Zakarpattia	13208	12542	15299	18054	21404	21400	24120	28952
Zaporizhzhya	42445	37446	42736	49525	54828	54352	65968	89061
Ivano-Frankivsk	17883	17241	20446	26752	32286	33196	37643	45854
Kyiv	35687	37548	44953	59154	69663	68931	79561	104030
Kirovohrad	13961	13389	15749	20041	22056	25313	28758	38447
Luhansk	42985	38451	45541	57202	58767	55108	31393	23849
Lviv	35534	35955	41655	52103	61962	63329	72923	94690
Mykolayiv	19410	20336	24055	27633	29205	32030	35408	48195
Odesa	46994	48647	53878	61499	64743	69760	74934	99761
Poltava	34118	33629	44291	52252	56580	58464	69831	95867
Rivne	14074	13469	15882	19302	21795	22004	28724	35252
Sumy	16210	16060	18333	22907	24933	26765	30397	41567
Ternopil	10618	11173	12726	16294	17957	18085	21676	26656
Kharkiv	59389	58923	65293	76866	82223	85315	96596	124843
Kherson	13174	13436	15649	18448	19357	20767	23250	32215
Khmelnyskiy	16061	15758	18096	22843	26237	26426	32162	41088
Cherkasy	19101	18707	22354	27012	31265	33087	38466	50843
Chernivtsi	8833	8484	9892	11969	13166	13757	15049	18506
Chernihiv	14918	14636	17008	21165	23934	24237	28156	36966
cities								
Kyiv	169564	169537	196639	223774	275685	312552	357377	451700
Sevastopol	6305	6452	7785	9359	9891	11066

¹ Here and elsewhere (Tables 11.9–11.11) 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)

NATIONAL ACCOUNTS

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

	2008	2009	2010	2011	2012	2013	2014	2015
Ukraine	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Autonomous Republic of Crimea	2,9	3,0	3,0	2,9	3,1	3,0
oblasts								
Vinnitsya	2,1	2,2	2,2	2,2	2,3	2,4	2,8	3,0
Volyn	1,3	1,3	1,3	1,4	1,4	1,4	1,5	1,6
Dnipropetrovsk	11,0	10,2	10,7	10,8	10,1	10,0	11,1	10,8
Donetsk	12,4	11,4	11,9	12,4	11,7	10,8	7,6	5,8
Zhytomyr	1,6	1,6	1,7	1,7	1,7	1,7	1,9	1,9
Zakarpattia	1,4	1,4	1,4	1,4	1,5	1,4	1,5	1,5
Zaporizhzhya	4,5	4,1	3,9	3,8	3,8	3,6	4,2	4,5
Ivano-Frankivsk	1,9	1,9	1,9	2,1	2,2	2,2	2,4	2,3
Kyiv	3,8	4,1	4,2	4,5	4,8	4,5	5,0	5,2
Kirovohrad	1,5	1,5	1,5	1,5	1,5	1,7	1,8	1,9
Luhansk	4,5	4,2	4,2	4,4	4,0	3,6	2,0	1,2
Lviv	3,7	3,9	3,8	4,0	4,3	4,2	4,6	4,8
Mykolayiv	2,0	2,2	2,2	2,1	2,0	2,1	2,2	2,4
Odesa	5,0	5,3	5,0	4,7	4,4	4,6	4,7	5,0
Poltava	3,6	3,7	4,1	4,0	3,9	3,8	4,4	4,8
Rivne	1,5	1,5	1,5	1,5	1,5	1,4	1,8	1,8
Sumy	1,7	1,8	1,7	1,8	1,7	1,8	1,9	2,1
Ternopil	1,1	1,2	1,2	1,2	1,2	1,2	1,4	1,3
Kharkiv	6,3	6,5	6,0	5,9	5,6	5,6	6,1	6,3
Kherson	1,4	1,5	1,4	1,4	1,3	1,4	1,5	1,6
Khmelnyskiy	1,7	1,7	1,7	1,8	1,8	1,7	2,0	2,1
Cherkasy	2,0	2,0	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	0,9	0,9
Chernihiv	1,6	1,6	1,6	1,6	1,6	1,6	1,8	1,9
cities								
Kyiv	17,9	18,6	18,2	17,2	18,9	20,5	22,5	22,7
Sevastopol	0,7	0,7	0,7	0,7	0,7	0,7

NATIONAL ACCOUNTS

11.10. Per capita gross regional product

(at current prices; UAH)

	2008	2009	2010	2011	2012	2013	2014	2015
Ukraine	20495	19832	23600	28488	32002	33473	36904	46413
Autonomous Republic of Crimea	13898	13933	16507	19467	22675	23595
oblasts								
Vinnytsya	12061	12145	14332	17768	20253	22303	27249	37270
Volyn	12340	11796	13916	16993	19249	19817	23218	30387
Dnipropetrovsk	30918	27737	34709	42068	44650	46333	53749	65897
Donetsk	26028	23137	28986	36446	38907	37830	27771	26864
Zhytomyr	11545	11419	14616	17184	19551	20286	23678	30698
Zakarpattia	10626	10081	12278	14455	17088	17044	19170	22989
Zaporizhzhya	23232	20614	23657	27567	30656	30526	37251	50609
Ivano-Frankivsk	12940	12485	14814	19386	23379	24022	27232	33170
Kyiv	20593	21769	26140	34420	40483	39988	46058	60109
Kirovohrad	13515	13096	15533	19918	22082	25533	29223	39356
Luhansk	18338	16562	19788	25067	25950	24514	14079	10778
Lviv	13902	14093	16353	20490	24387	24937	28731	37338
Mykolayiv	16175	17050	20276	23402	24838	27355	30357	41501
Odesa	19638	20341	22544	25748	27070	29118	31268	41682
Poltava	22476	22337	29652	35246	38424	39962	48040	66390
Rivne	12217	11699	13785	16735	18860	19003	24762	30350
Sumy	13622	13631	15711	19800	21722	23517	26943	37170
Ternopil	9688	10240	11713	15055	16644	16819	20228	24963
Kharkiv	21294	21228	23639	27966	29972	31128	35328	45816
Kherson	11944	12256	14346	16990	17910	19311	21725	30246
Khmelnyskiy	11932	11780	13602	17260	19920	20165	24662	31660
Cherkasy	14581	14393	17325	21082	24558	26168	30628	40759
Chernivtsi	9771	9383	10939	13228	14529	15154	16552	20338
Chernihiv	13213	13121	15406	19357	22096	22603	26530	35196
cities								
Kyiv	61592	61088	70424	79729	97429	109402	124163	155904
Sevastopol	16592	16966	20455	24564	25872	28765

NATIONAL ACCOUNTS

11.11. Volume indices of gross regional product

(at the prices of the previous year; percent)

	2008	2009	2010	2011	2012	2013	2014	2015
Ukraine	102,3	85,2	104,1	105,2	100,2	100,0	93,4	90,2
Autonomous Republic of Crimea	106,6	90,7	103,4	102,7	98,8	101,0
oblasts								
Vinnytsya	105,1	90,1	103,0	107,2	103,7	104,8	104,6	97,1
Volyn	106,1	86,0	100,2	105,3	104,8	99,3	101,1	95,3
Dnipropetrovsk	97,3	83,5	105,8	103,4	97,5	99,3	95,1	90,3
Donetsk	97,1	81,6	111,1	111,4	97,1	94,7	67,1	61,3
Zhytomyr	104,2	88,9	112,8	102,7	109,4	101,9	103,6	98,1
Zakarpattia	103,9	82,1	107,7	104,7	103,0	100,6	102,8	93,5
Zaporizhzhya	101,3	78,9	103,2	102,9	97,8	99,3	100,4	94,7
Ivano-Frankivsk	97,5	89,3	100,5	106,5	103,3	97,7	97,6	92,0
Kyiv	104,4	89,2	105,1	111,7	101,9	93,4	99,4	94,0
Kirovohrad	113,7	85,8	105,7	109,2	100,7	109,5	100,6	91,7
Luhansk	98,9	86,7	102,3	109,1	99,1	92,2	61,0	47,7
Lviv	100,7	88,3	102,3	108,7	102,0	98,8	100,9	95,2
Mykolayiv	106,9	92,5	103,2	102,7	96,1	104,4	98,4	95,3
Odesa	111,9	86,8	102,4	102,1	96,8	105,7	98,3	95,8
Poltava	94,9	86,8	109,5	101,8	97,8	94,4	96,0	93,8
Rivne	99,5	86,5	106,8	104,6	103,3	96,9	102,6	93,4
Sumy	103,6	88,7	98,9	107,8	101,7	102,7	100,4	96,7
Ternopil	105,1	94,5	100,4	111,3	109,0	96,6	108,0	93,7
Kharkiv	102,1	86,3	101,7	104,5	98,4	98,8	97,9	90,9
Kherson	109,8	93,0	101,8	103,8	100,2	101,1	99,7	98,7
Khmelnyskiy	99,9	90,6	100,0	108,0	109,0	96,9	102,3	92,2
Cherkasy	114,9	85,5	105,9	106,4	100,9	100,7	98,9	95,0
Chernivtsi	105,4	88,6	100,3	104,0	106,1	101,5	98,3	94,7
Chernihiv	102,3	89,6	100,0	107,8	104,0	95,8	100,5	93,4
cities								
Kyiv	104,4	81,7	101,4	100,7	101,9	106,4	96,1	93,3
Sevastopol	106,9	89,6	106,4	103,1	88,4	106,0

12. GOVERNMENT FINANCE AND CREDIT

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

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

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

Local budgets are the budget of the Autonomous Republic of Crimea, regional, district budgets and budgets of local authorities. The budgets of local authorities are the budgets of territorial communities of villages, their associations, townships, towns (including the districts in the cities), the budgets of the territorial communities unions being created in line with the law and perspective plan for communities' territory formation.

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

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

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

Budget expenditure does not include: debt services, provision of credits from the budget, allocation of the budget funds on deposits,

purchase of securities, return of over paid-in taxes and dues to the budget and other budget income, their budgetary refunds.

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

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

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

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

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

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

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

GOVERNMENT FINANCE AND CREDIT

12.1. Consolidated budget of Ukraine¹*(mln. UAH)*

	2005	2010	2012	2013	2014	2015	2016
Revenue	134183,2	314506,3²	445525,3	442788,7	456067,3³	652031,0	782859,5
Tax revenue	98065,2	234447,7	360567,2	353968,1	367511,9	507635,9	650781,7
Non-tax revenues	31778,0	73837,0	80923,3	84981,0	80612,8	140154,4	125502,9
Revenue from capital transactions	2803,9	3143,2	2985,8	1637,0	2015,8	1799,5	1594,0
Official transfers from the governments of foreign countries and international organisations	182,5	305,6	222,9	1529,3	5383,0	1882,2	4198,2
Earmarked funds	1353,6	2772,7	826,1	673,3	543,9	558,9	782,8
Expenditure⁴	141698,8	377842,8	492454,7	505843,8	523125,7	679871,4	835832,1
Public administration	15480,9	44902,5	54590,2	61702,2	76845,9	117642,4	134256,9
including debt servicing	3311,6	16395,4	25191,4	33172,1	49434,6	86172,7	96105,2
National defence	6041,0	11347,1	14486,9	14844,4	27365,5	52015,8	59359,1
Law enforcement, security and judiciary	10226,8	28825,6	36681,2	39409,2	44864,6	54963,0	72056,6
Economic activity	19115,1	43832,4	62377,4	50757,8	43637,6	56257,3	66191,3
Environment protection	1252,5	2872,4	5297,9	5594,2	3481,7	5529,7	6255,4
Housing and utilities	3914,2	5431,3	20059,6	7704,7	17808,5	15700,4	17547,5
Health care	15476,5	44745,4	58453,9	61568,8	57150,1	71001,1	75503,4
Intellectual and physical development	3449,8	11525,4	13639,6	13661,2	13857,7	16228,3	16897,8
Education	26801,8	79826,0	101560,9	105538,7	100109,5	114193,5	129437,7
Social protection and social security	39940,2	104534,9	125306,9	145062,6	138004,7	176339,8	258326,1
Lending	290,7	1348,4	3856,3	535,2	4972,1	3057,8	1841,3
Excess of expenditures over revenues (deficit)	7806,3	64684,9	50785,7	63590,3	72030,5	30898,2	54813,9

¹ Here and elsewhere (Tables 12.2, 12.3) based on data from the Ministry of Finance of Ukraine (when rounding, the sum of the components may differ from the total for some indicators due to electronic data processing); for 2014 data on budget reporting for Quarter I, 2014 for the Autonomous Republic of Crimea and the city of Sevastopol are included

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

³ Data for 2014 are given including the special fund of the Ukraine's State Budget for issue of the domestic government loan bonds (DGLBs) to compensate for tax amounts on value added, declared for compensation before January 1, 2014, to the value of 6,9 bln. UAH

⁴ Excluding lending

GOVERNMENT FINANCE AND CREDIT

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

(mln. UAH)

	2005	2010	2012	2013	2014	2015	2016
Excess of expenditure over revenue (deficit)	7945,7	64265,5¹	53445,2	64706,7	78052,8²	45167,5	70262,1
Deficit financing sources							
Domestic financing	6997,5	17007,2	40611,0	50777,0	35796,4	-64522,7	37036,1
External financing	948,2	47258,3	12834,2	13929,7	42256,4	109690,2	33225,9

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

² Data for 2014 are given including the special fund of the Ukraine's State Budget for issue of the domestic government loan bonds (DGLBs) to compensate for tax amounts on value added declared for compensation before January 1, 2014 to the value of 6,9 bln. UAH and the issue of the DGLBs for provision of subventions from the state budgets to the local budgets to compensate for the difference in tariffs for production of heat energy to the value of 11,1 bln. UAH

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

(mln. UAH)

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Revenue					
2005	134183,2	103867,0	77,4	30316,2	22,6
2010 ¹	314506,3	233990,5	74,4	80515,8	25,6
2012	445525,3	344711,4	77,4	100813,8	22,6
2013	442788,7	337617,6	76,2	105171,1	23,8
2014 ²	456067,3	354966,2	77,8	101101,1	22,2
2015	652031,0	531550,8	81,5	120480,2	18,5
2016	782859,5	612111,6	78,2	170747,8	21,8
Tax revenue					
2005	98065,2	74476,4	75,9	23588,7	24,1
2010 ¹	234447,7	166872,2	71,2	67575,6	28,8
2012	360567,2	274715,2	76,2	85852,0	23,8
2013	353968,1	262777,1	74,2	91191,1	25,8
2014 ²	367511,9	280178,3	76,2	87333,7	23,8
2015	507635,9	409417,5	80,7	98218,4	19,3
2016	650781,7	503879,4	77,4	146902,2	22,6
including tax and duties on income of natural persons					
2005	17325,2	838,6	4,8	16486,6	95,2
2010	51029,3	—	—	51029,3	100,0
2012	68092,4	7026,4	10,3	61066,0	89,7
2013	72151,1	7565,0	10,5	64586,0	89,5
2014	75202,9	12645,8	16,8	62557,2	83,2
2015	99983,2	45062,0	45,1	54921,2	54,9
2016	138781,8	59810,5	43,1	78971,3	56,9

GOVERNMENT FINANCE AND CREDIT

Table 12.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
enterprise profit tax					
2005	23464,0	23272,2	99,2	191,8	0,8
2010	40359,1	39969,2	99,0	389,9	1,0
2012	55793,0	55349,7	99,2	443,3	0,8
2013	54993,8	54318,4	98,8	675,4	1,2
2014	40201,5	39941,9	99,4	259,5	0,6
2015	39053,2	34776,3	89,0	4276,8	11,0
2016	60223,2	54344,1	90,2	5879,1	9,8
VAT					
2005	33803,8	33803,8	100,0	—	—
2010 ¹	86315,9	86315,9	100,0	—	—
2012	138826,8	138826,8	100,0	—	—
2013	128269,3	128269,3	100,0	—	—
2014 ²	139024,3	139024,3	100,0	—	—
2015	178452,4	178452,4	100,0	—	—
2016	235506,0	235506,0	100,0	—	—
Non-tax revenue					
2005	31778,0	28236,4	88,9	3541,7	11,1
2010	73837,0	65067,7	88,1	8769,2	11,9
2012	80923,3	68287,6	84,4	12635,7	15,6
2013	84981,0	72853,2	85,7	12127,8	14,3
2014	80612,8	68355,2	84,8	12257,5	15,2
2015	140154,4	120006,5	85,6	20148,0	14,4
2016	125502,9	103643,7	82,6	21859,2	17,4
Other revenues					
2005	4340,0	1154,2	26,6	3185,8	73,4
2010	6221,5	2050,6	33,0	4171,0	67,0
2012	4034,7	1708,6	42,3	2326,1	57,7
2013	3839,6	1987,4	51,8	1852,2	48,2
2014	7942,6	6432,7	81,0	1509,9	19,0
2015	4240,7	2126,7	50,2	2113,9	49,8
2016	6574,9	4588,5	69,8	1986,4	30,2
Expenditure ³					
2005	141698,8	89614,9	63,2	52083,9	36,8
2010	377842,8	225822,5	59,8	152020,3	40,2
2012	492454,7	271221,9	55,1	221232,8	44,9
2013	505843,8	287607,7	56,9	218236,1	43,1
2014	523125,7	299616,8	57,3	223508,8	42,7
2015	679871,4	402931,4	59,3	276940,0	40,7
2016	835832,1	489488,5	58,6	346343,6	41,4
Public administration					
2005	15480,9	11980,5	77,4	3500,4	22,6
2010	44902,5	34694,3	77,3	10208,2	22,7
2012	54590,2	44010,7	80,6	10579,5	19,4
2013	61702,2	50101,1	81,2	11601,1	18,8
2014	76845,9	65825,8	85,7	11020,0	14,3
2015	117642,4	103116,7	87,7	14525,7	12,3
2016	134256,9	118049,3	87,9	16207,7	12,1

GOVERNMENT FINANCE AND CREDIT

Table 12.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
including debt servicing					
2005	3311,6	3110,4	93,9	201,2	6,1
2010	16395,4	15539,0	94,8	856,4	5,2
2012	25191,4	24196,6	96,1	994,8	3,9
2013	33172,1	31677,1	95,5	1495,0	4,5
2014	49434,6	47976,7	97,1	1457,9	2,9
2015	86172,7	84505,4	98,1	1667,3	1,9
2016	96105,2	95794,2	99,7	311,0	0,3
National defence					
2005	6041,0	6041,0	100,0	—	—
2010	11347,1	11347,1	100,0	—	—
2012	14486,9	14485,7	100,0	1,2	0,01
2013	14844,4	14843,0	100,0	1,3	0,01
2014	27365,5	27363,4	100,0	2,1	0,01
2015	52015,8	52005,2	100,0	10,6	0,02
2016	59359,1	59350,8	100,0	8,4	0,01
Law enforcement, security and judiciary					
2005	10226,8	10142,2	99,2	84,7	0,8
2010	28825,6	28570,7	99,1	254,9	0,9
2012	36681,2	36469,8	99,4	211,4	0,6
2013	39409,2	39190,9	99,4	218,3	0,6
2014	44864,6	44619,0	99,5	245,5	0,5
2015	54963,0	54643,4	99,4	319,6	0,6
2016	72056,6	71670,4	99,5	386,2	0,5
Economic activity					
2005	19115,1	14041,3	73,5	5073,9	26,5
2010	43832,4	36030,0	82,2	7802,4	17,8
2012	62377,4	49396,0	79,2	12981,4	20,8
2013	50757,8	41299,2	81,4	9458,6	18,6
2014	43637,6	34410,7	78,9	9226,8	21,1
2015	56257,3	37135,4	66,0	19121,9	34,0
2016	66191,3	31422,3	47,5	34768,9	52,5
Environment protection					
2005	1252,5	981,1	78,3	271,4	21,7
2010	2872,4	2292,7	79,8	579,7	20,2
2012	5297,9	4135,4	78,1	1162,5	21,9
2013	5594,2	4595,0	82,1	999,2	17,9
2014	3481,7	2597,0	74,6	884,7	25,4
2015	5529,7	4053,0	73,3	1476,7	26,7
2016	6255,4	4771,6	76,3	1483,8	23,7
Housing and utilities					
2005	3914,2	110,0	2,8	3804,1	97,2
2010	5431,3	844,4	15,5	4586,9	84,5
2012	20059,6	379,6	1,9	19679,9	98,1
2013	7704,7	96,9	1,3	7607,8	98,7
2014	17808,5	111,5	0,6	17697,0	99,4
2015	15700,4	21,5	0,1	15678,9	99,9
2016	17547,5	12,5	0,1	17535,0	99,9

GOVERNMENT FINANCE AND CREDIT

Table 12.3 continued

		Consolidated	Including			
			Central		local	
			total	percent of Consolidated budget	total	percent of Consolidated budget
Health care						
2005	15476,5	3508,1	22,7	11968,4	77,3	
2010	44745,4	8759,0	19,6	35986,3	80,4	
2012	58453,9	11358,5	19,4	47095,4	80,6	
2013	61568,8	12879,3	20,9	48689,4	79,1	
2014	57150,1	10580,8	18,5	46569,3	81,5	
2015	71001,1	11450,4	16,1	59550,7	83,9	
2016	75503,4	12464,6	16,5	63038,8	83,5	
Intellectual and physical development						
2005	3449,8	1273,7	36,9	2176,1	63,1	
2010	11525,4	5165,5	44,8	6359,8	55,2	
2012	13639,6	5488,5	40,2	8151,2	59,8	
2013	13661,2	5111,9	37,4	8549,3	62,6	
2014	13857,7	4872,4	35,2	8985,3	64,8	
2015	16228,3	6619,2	40,8	9609,2	59,2	
2016	16897,8	4958,9	29,3	11938,9	70,7	
Education						
2005	26801,8	9932,8	37,1	16869,0	62,9	
2010	79826,0	28807,5	36,1	51018,5	63,9	
2012	101560,9	30243,2	29,8	71317,7	70,2	
2013	105538,7	30943,1	29,3	74595,6	70,7	
2014	100109,5	28677,9	28,6	71431,7	71,4	
2015	114193,5	30185,7	26,4	84007,8	73,6	
2016	129437,7	34826,5	26,9	94611,2	73,1	
Social protection and social security						
2005	39940,2	31604,3	79,1	8336,0	20,9	
2010	104534,9	69311,3	66,3	35223,6	33,7	
2012	125306,9	75254,4	60,1	50052,5	39,9	
2013	145062,6	88547,3	61,0	56515,3	39,0	
2014	138004,7	80558,2	58,4	57446,4	41,6	
2015	176339,8	103700,9	58,8	72638,9	41,2	
2016	258326,1	151961,5	58,8	106364,7	41,2	
Lending						
2005	290,7	299,9	103,2	−9,2	−3,2	
2010	1348,4	1292,0	95,8	56,4	4,2	
2012	3856,3	3817,7	99,0	38,6	1,0	
2013	535,2	477,5	89,2	57,7	10,8	
2014	4972,1	4919,3	98,9	52,8	1,1	
2015	3057,8	2950,9	96,5	106,9	3,5	
2016	1841,3	1661,6	90,2	179,8	9,8	

¹ See the second footnote to Table 12.1² See the third footnote to Table 12.1³ See the fourth footnote to Table 12.1

GOVERNMENT FINANCE AND CREDIT

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

	2005	2010	2012	2013	2014	2015	2016
Money circulating beyond banks (M0)	60231	182990	203245	237777	282947	282673	314392
Monetary aggregate (M1)	98573	289894	323225	383821	435475	472217	529928
Monetary aggregate (M2)	193145	596841	771126	906236	955349	993812	1102391
Monetary aggregate (M3)	194071	597872	773199	908994	956728	994062	1102700

¹ Here and elsewhere (Tables 12.5–12.7) based on data from the National Bank of Ukraine² Monetary aggregates – liabilities of deposit-taking corporations to other sectors of the economy with the exception of general government and other deposit-taking corporations sector. Monetary aggregate M0 includes currency in circulation outside the deposit-taking corporations. Monetary aggregate M1 – monetary aggregate M0 and transferable deposits in national currency. Monetary aggregate M2 – monetary aggregate M1 and transferable deposits in foreign currency and other deposits. Monetary aggregate M3 (money supply) – monetary aggregate M2 and securities other than shares**12.5. Resident deposit-taking corporations (banks) loans¹***(end of year; mln. UAH)*

	2005	2010	2012	2013	2014	2015	2016
Total	143423	732823	815142	910782	1020667	981627	998682
in currency							
national	81279	395504	515580	602776	547987	433826	504999
foreign	62144	337319	299562	308006	472680	547802	493683

¹ With interest accrued; excluding credits given to depository corporations sector**12.6. Official exchange rate of hryvnia to foreign currencies set by the National Bank of Ukraine, average per year***(UAH)*

	2005	2010	2012	2013	2014	2015	2016
100 British pounds sterling	933,76	1226,89	1266,38	1250,64	1953,75	3340,42	3470,08
100 US dollars	512,47	793,56	799,10	799,30	1188,67	2184,47	2555,13
1000 Japanese yen	46,68	90,52	100,19	82,14	111,93	180,46	235,39
100 euros	638,99	1053,29	1027,06	1061,22	1571,59	2422,87	2829,19
100 SDRs	758,02	1210,84	1223,72	1214,69	1801,86	3056,43	3552,73
10 Russian rubles	1,81	2,61	2,57	2,51	3,11	3,62	3,83

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

	2005	2010	2012	2013	2014	2015	2016
Total	74778	275093	369264	441951	418135	410895	444676
in currency							
national	43688	142924	186772	257829	200859	198876	209601
foreign	31090	132169	182493	184122	217275	212019	235075

13. PRICES

Consumer price index (inflation index) is an indicator of changes at the time of prices and tariffs for commodities and services being purchased by the population for unproductive consumption. The estimation of the CPI is based on data about the changes of prices obtained through the monthly registration of the prices and tariffs in the consumer market, and data about the structure of the consumer money expenses of the total population, received according to the data from the sample survey of the households living conditions.

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

Index of prices for sales of agriculture products by agricultural enterprises is an indicator of changes in time of average prices for agricultural products realized by agricultural enterprises. It is defined by taking into account all channels for realization of agricultural products (to processors, on the market, to the population in payment for labour, to those with shares

in payment for land rent and property shares (portions), by other channels).

Price index for construction and assembly operations characterizes the movements in prices in the construction over the time. It is compiled monthly using the data on prices for the acquisition of the material resources according to the sample range of organisations that fulfil construction work. The weighing basis is the data regarding the current expenditure on the construction-assembly work.

Indices of tariffs for post and communications services measure changes over time in tariffs for post and communications services of enterprises, establishments, and organisations. It is compiled on the basis of data about the tariffs for selected representative services by types of such services which are selected with the account of their representatives on the market of post and communications services. The weighing base is the data on income resulting from the provision of post and communications services.

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

PRICES

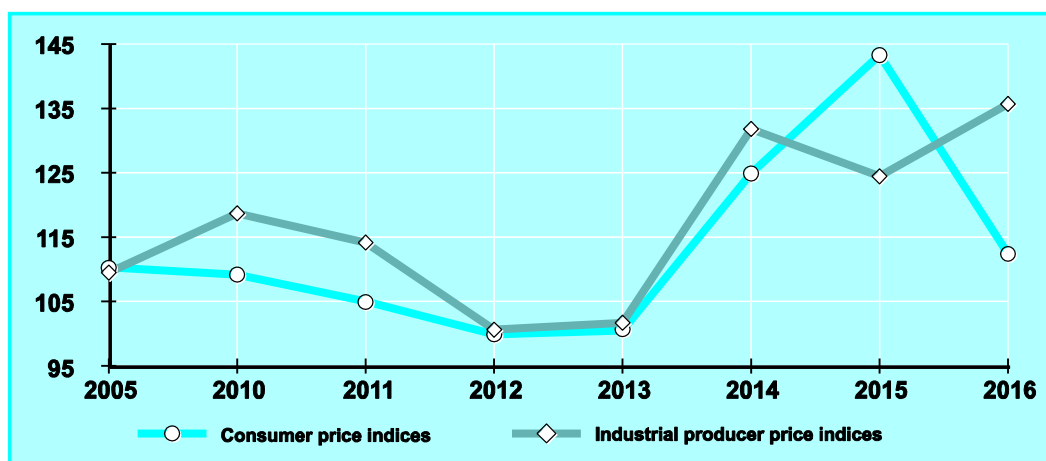
13.1. Price indices

(percent of the previous year)

	2005	2010	2011	2012	2013	2014	2015	2016
Consumer price index	113,5	109,4	108,0	100,6	99,7	112,1	148,7	113,9
Industrial producer price index	116,7	120,9	119,0	103,7	99,9	117,1	136,0	120,5
Price index for agriculture products sold by agricultural enterprises	108,1	130,0	113,6	106,8	97,1	124,3	154,5	109,0
Price index for construction and assembly operations	125,6	115,8	119,4	112,6	105,6	109,5	127,1	109,2

13.2. Consumer price indices and industrial producer price indices in 2005–2016

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



13.3. Consumer and producer price indices

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

	2005	2010	2011	2012	2013	2014	2015	2016
Consumer price index	110,3	109,1	104,6	99,8	100,5	124,9	143,3	112,4
Base consumer price index	...	107,9	106,9	100,8	100,1	122,8	134,7	105,8
Industrial producer price index	109,5	118,7	114,2	100,3	101,7	131,8	125,4	135,7
Price index for construction and assembly operations	126,0	118,9	118,6	109,0	104,0	115,7	122,7	109,9

PRICES

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

(percent)

	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
	Dec. over Dec. of the previous year					of the previous year				
Foodstuffs and non-alcoholic beverages	110,2	110,6	124,8	141,5	103,3	116,2	110,9	112,2	145,9	109,0
Foodstuffs	110,8	110,7	124,5	140,1	103,2	117,5	110,7	112,1	144,4	108,5
bread and cereal products	102,2	116,5	135,1	144,6	106,3	98,9	112,3	113,4	160,6	111,1
bread	100,4	111,3	126,4	145,7	107,4	97,4	110,2	111,9	154,8	109,9
pasta	99,3	111,0	125,9	143,6	103,1	97,0	107,1	110,6	154,1	107,2
meat and meat products	118,4	104,1	127,5	122,5	105,0	130,3	102,0	110,9	131,3	107,3
fish and fish products	119,4	104,2	137,2	142,4	102,4	129,8	105,1	117,1	160,2	105,1
milk, cheese and eggs	110,1	116,0	117,2	133,5	113,1	123,4	121,9	110,9	128,5	114,1
oil and fats	102,0	108,1	121,1	141,5	110,3	124,0	109,6	106,5	145,5	113,4
fruits	126,1	109,3	155,9	148,2	93,5	120,6	105,1	124,8	172,4	98,2
vegetables	104,7	120,9	89,4	166,7	71,4	91,7	114,5	104,1	130,8	93,6
sugar	121,7	120,3	122,8	169,8	98,8	127,5	157,5	146,3	136,0	117,8
Non-alcoholic beverages	107,7	105,7	128,9	157,8	103,4	107,5	109,1	112,9	166,1	111,9
Alcoholic beverages, tobacco (products)	107,7	122,1	125,9	122,7	122,5	106,5	125,6	116,7	133,2	112,6
Clothes and footwear	102,2	102,2	114,5	135,0	105,5	101,9	103,7	102,0	133,1	116,1
clothes	101,6	102,3	112,7	133,2	104,9	101,6	103,6	101,6	131,1	115,0
footwear	102,6	102,5	117,0	137,8	105,8	102,1	104,1	102,6	136,4	117,4
Housing, water, electricity, gas and other types of fuels	114,6	113,8	134,3	203,0	147,2	109,0	109,4	116,2	215,8	135,1
payment for own dwelling (rent)	139,8	104,4	102,1	105,4	111,5	121,9	112,6	101,1	105,0	107,9
water supply	127,6	106,4	147,4	123,0	142,1	114,9	112,9	122,0	138,7	132,4
sewerage	134,3	107,1	169,5	122,5	128,3	118,6	116,9	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	101,2	150,1	162,8	373,0	142,0	100,5	120,9	141,9	453,2	124,7
hot water, heating	115,9	106,2	146,9	178,4	188,0	110,4	105,6	109,8	161,1	178,4
Household goods, household appliances and current maintenance	102,1	101,2	127,9	136,0	104,2	104,7	103,2	111,7	145,9	109,4
of housing	102,1	101,2	127,9	136,0	104,2	104,7	103,2	111,7	145,9	109,4
Health care	109,2	105,8	130,0	129,1	107,8	109,7	107,9	116,5	137,6	111,7
Transport	119,7	106,6	141,6	120,4	111,4	120,0	109,6	124,5	136,8	106,5
fuels and lubricants	124,5	113,9	160,7	112,5	119,5	135,4	118,3	137,0	134,5	106,2
transport services	122,1	105,0	122,2	127,0	105,0	119,1	108,1	114,0	132,2	107,5
rail passenger transport	100,8	100,0	120,4	109,0	102,8	100,8	105,3	116,3	118,7	104,1
road passenger transport	125,5	105,8	121,7	130,6	105,2	121,8	108,4	113,3	134,5	108,0
Communications	101,7	91,1	102,4	107,0	104,0	100,7	93,6	100,9	105,9	103,9
Leisure and culture	102,7	102,5	124,8	137,9	104,5	103,9	104,0	110,7	142,7	112,2
Education	118,0	110,3	104,7	124,2	113,7	113,1	113,1	103,2	117,9	116,5
Restaurants and hotels	118,6	107,4	114,0	123,3	111,0	117,5	107,4	106,7	124,3	113,1
Various goods and services	106,3	108,7	124,5	131,4	105,8	106,2	109,2	111,4	138,6	110,3

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13.5. Consumer price indices, by region

(percent)

	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
	Dec. over Dec. of the previous year					of the previous year				
Ukraine	110,3	109,1	124,9	143,3	112,4	113,5	109,4	112,1	148,7	113,9
Autonomous Republic of Crimea	111,5	109,6	113,2	110,7
oblasts										
Vinnitsya	110,7	107,0	123,3	138,8	110,0	112,7	108,0	111,1	146,2	110,6
Volyn	109,1	108,1	125,9	143,3	111,8	112,5	108,0	112,2	150,5	113,2
Dnipropetrovsk	108,0	109,3	125,7	142,6	112,7	112,0	109,8	111,9	149,8	113,5
Donetsk	111,9	110,3	122,0	146,9	111,6	115,2	109,9	111,1	146,1	116,4
Zhytomyr	110,8	108,9	125,2	143,7	112,6	115,4	109,3	111,6	151,1	112,8
Zakarpattia	111,6	108,5	125,7	144,0	111,7	112,3	109,0	111,7	151,0	113,6
Zaporizhzhya	111,9	109,7	125,7	142,1	112,3	115,3	110,3	112,4	148,5	113,7
Ivano-Frankivsk	110,3	108,3	125,0	143,4	110,9	111,6	108,3	111,9	150,4	112,7
Kyiv	112,6	107,9	124,7	144,3	112,2	114,3	108,3	112,7	150,4	113,0
Kirovohrad	110,0	108,5	124,4	141,3	112,3	115,0	108,2	112,0	146,7	113,4
Luhansk	112,0	110,5	125,2	138,8	110,7	114,3	109,9	113,5	143,8	112,3
Lviv	108,4	109,7	126,7	145,2	111,9	111,6	110,5	113,0	152,5	114,1
Mykolayiv	111,5	110,0	124,9	143,5	112,2	113,4	110,0	112,0	149,0	113,4
Odesa	108,8	110,5	127,2	144,6	113,6	111,4	111,2	113,2	151,6	114,9
Poltava	113,7	108,4	123,8	145,0	114,2	116,1	109,2	111,3	149,2	115,2
Rivne	110,3	108,3	127,0	144,9	112,3	114,4	108,5	112,7	151,8	114,0
Sumy	112,2	108,9	124,7	145,5	114,2	115,9	109,1	111,6	150,4	115,3
Ternopil	108,4	108,5	125,4	145,1	111,6	110,8	108,1	111,6	151,7	113,2
Kharkiv	108,9	109,0	125,3	144,2	114,1	113,2	109,5	111,8	149,9	114,7
Kherson	109,2	110,6	124,1	145,8	112,8	113,6	109,8	111,5	150,1	114,3
Khmelnyskiy	108,5	109,6	123,7	142,5	111,4	113,3	110,2	111,8	148,5	112,8
Cherkasy	111,4	109,0	124,2	143,8	112,7	114,8	108,9	111,9	149,6	113,5
Chernivtsi	111,3	108,2	123,5	142,0	111,0	112,4	108,1	111,1	148,6	112,5
Chernihiv	109,9	109,5	126,7	145,6	112,8	114,1	108,9	112,7	152,7	114,0
cities										
Kyiv	110,5	109,8	125,8	138,6	114,0	112,9	110,0	112,9	143,9	114,3
Sevastopol	110,0	112,8	112,3	112,5

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13.6. 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
Ukraine	112,4	103,3	122,5	105,5	147,2	104,2
Autonomous Republic of Crimea
oblasts						
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
cities						
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	communications	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
...

PRICES

13.7. Industrial producer price indices, by type of activity

(percent)

	2013	2014	2015	2016	2013	2014	2015	2016
	Dec. over Dec. of the previous year				Of the previous year			
Industry	101,7	131,8	125,4	135,7	99,9	117,1	136,0	120,5
Mining and quarrying	105,8	124,3	117,6	185,1	97,3	113,7	134,8	134,6
Mining of coal and lignite	97,8	136,1	99,2	140,4	92,5	111,3	126,0	115,7
Mining of crude oil and natural gas	107,0	115,8	220,3	176,5	107,5	111,2	211,7	156,3
Mining of metal ore	113,6	119,9	91,1	207,2	96,6	117,8	110,7	123,3
Manufacturing	99,8	134,3	123,8	122,6	99,2	118,2	136,7	114,5
including								
Manufacture of food products, beverages and tobacco products	103,8	127,3	136,4	116,2	104,0	115,6	142,5	115,6
Manufacture of textiles, apparel, leather and related products	101,2	123,9	126,7	105,1	101,4	112,5	133,2	109,6
Manufacture of wood and paper products, and printing	101,0	136,4	134,0	107,1	101,5	117,3	149,1	110,8
Manufacture of coke, and refined petroleum products	99,2	150,1	104,7	161,7	93,3	128,4	130,8	111,6
Manufacture of chemicals and chemical products	94,7	153,9	124,2	98,6	98,7	126,0	149,2	97,8
Manufacture of pharmaceuticals, medicinal chemical and botanical products	107,7	126,1	131,5	108,5	105,8	119,0	133,0	114,3
Manufacture of rubber and plastics products, and other non-metallic mineral products	101,0	124,4	129,6	109,5	102,2	112,3	137,5	110,6
Manufacture of basic metals and fabricated metal products, except machinery and equipment	97,3	152,7	112,4	141,8	95,0	126,3	135,3	120,1
Manufacture of computer, electronic and optical products	101,9	121,5	133,3	106,0	102,2	112,5	138,3	108,3
Manufacture of electrical equipment	100,1	125,7	121,6	106,7	100,6	111,6	134,1	105,9
Manufacture of machinery and equipment n.e.c.	101,7	114,0	128,2	113,9	101,5	108,4	127,0	118,7
Manufacture of transport equipment, trailers and semitrailers and other	94,9	109,9	115,5	111,4	95,8	105,0	113,4	112,5
Electricity, gas, steam and air-conditioning supply	105,2	128,5	133,2	151,5	102,3	115,9	134,4	130,6

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13.8. 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 and miscellaneous special footwear	101,1	122,1	115,2	101,2
Kitchen furniture	101,5	124,2	140,2	104,9

13.9. Price indices for agriculture products sold by agricultural enterprises

(percent of the previous year)

	2005	2010	2011	2012	2013	2014	2015	2016
Agricultural production	108,1	130,0	113,6	106,8	97,1	124,3	154,5	109,0
Crop output	95,5	139,8	115,7	105,6	91,8	129,2	167,2	116,3
Grain crops	91,8	140,3	121,4	109,1	90,8	132,8	156,6	119,0
Oil crops	84,6	142,6	112,2	107,5	90,8	124,9	182,8	114,2
Sugar beets	130,3	115,4	107,7	82,4	92,1	122,1	160,5	105,9
Potatoes	126,8	164,3	95,5	47,6	146,4	112,3	79,9	104,9
Vegetables	125,6	143,0	90,9	74,1	92,8	137,6	142,7	108,4
Fruit and berries	133,6	118,0	131,7	92,9	96,0	116,6	163,7	99,1
Grapes	140,6	138,0	103,6	113,1	93,7	100,8	194,2	95,9
Cucurbitaceous crops	202,5	113,1	180,0	161,5	60,1	200,2	101,0	115,8
Livestock product	129,5	114,3	109,2	108,0	102,4	119,1	141,3	101,7
Livestock animals	134,8	104,2	110,8	111,6	95,4	122,9	138,6	100,4
Milk	134,3	155,5	103,4	86,7	125,0	106,5	120,8	126,1
Eggs	105,5	116,3	110,2	117,4	104,8	118,6	167,5	83,5
Wool	128,0	120,7	166,8	119,3	81,5	99,4	190,7	165,4

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13.10. Price indices for construction and assembly operations

(percent)

	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
	Dec. over Dec. of the previous year					of the previous year				
Total	126,0	118,9	115,7	122,7	109,9	125,6	115,8	109,5	127,1	109,2
Buildings	123,9	116,5	113,5	122,9	109,5	124,5	114,2	108,4	125,7	109,1
residential	122,1	116,6	111,1	124,6	108,3	122,5	113,5	106,9	124,2	110,3
non-residential	125,7	116,5	117,1	121,5	110,8	126,8	115,0	110,1	128,2	108,0
Engineering structures	127,9	122,7	120,1	122,0	110,8	126,5	118,3	111,9	129,7	109,2
transport structures	130,2	125,3	120,3	121,9	110,1	131,2	119,3	112,3	130,6	106,6
pipelines, communication and power lines	129,8	117,5	117,8	131,6	111,4	118,9	119,6	109,9	134,2	114,8
complex industrial structures	127,1	126,5	119,1	114,9	110,3	131,0	117,9	111,7	123,0	107,7
other engineering structures	124,3	115,4	127,7	115,4	113,3	144,0	113,0	114,4	131,9	106,0

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

(percent)

	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
	Dec. over Dec. of the previous year					of the previous year				
Total	99,6	110,8	102,3	114,2	102,1	99,4	107,2	104,8	108,9	107,1
by type of services										
mail	111,0	108,6	100,0	120,0	100,0	104,1	108,6	100,0	113,3	105,9
local telephone	100,0	100,0	109,7	108,4	102,7	100,0	105,4	107,7	108,5	106,4
inter-city and international telephone	96,6	97,7	100,0	105,1	100,0	97,4	99,4	100,2	104,0	101,1
mobile	100,0	114,4	100,0	116,4	103,1	100,0	108,4	107,3	108,2	108,9

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13.12. Tariff indices for shipment of cargo by rail

(percent)

	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
	IV Q over IV Q of the previous year					of the previous year				
All cargo	139,7	102,1	113,4	130,5	115,0	139,3	102,2	111,7	137,7	112,1
Coal	132,0	100,0	112,5	130,0	115,0	128,2	101,3	111,1	132,4	115,7
Iron ore	119,2	106,3	112,5	130,0	115,0	127,2	104,7	111,1	137,7	111,2
Mineral and construction	164,1	100,0	112,5	130,1	115,0	159,2	102,8	112,0	137,7	111,3
Ferrous metals	150,0	106,3	112,5	130,0	115,0	150,9	104,8	111,1	137,7	111,3
Oil and dark refined products	112,5	130,0	115,0	111,1	137,7	111,2
Light refined products	112,5	130,0	115,0	111,1	137,7	111,3
Chemical and mineral fertilisers	138,3	100,0	112,5	130,0	115,0	136,0	99,2	111,1	137,7	111,2
Coke	119,2	104,7	112,5	130,0	115,0	130,0	105,5	111,1	137,7	111,2
Chemical ¹	150,0	100,0	112,5	130,0	115,0	148,9	100,2	111,1	137,7	111,2
Grain crops	138,8	100,0	121,0	130,0	115,0	137,7	99,0	115,5	142,4	111,2
Lumber ²	150,0	100,0	112,5	130,0	115,0	148,9	100,9	111,1	137,7	111,2
Cement	150,0	100,0	112,5	130,0	115,0	147,1	100,2	111,1	137,7	111,2

¹ Paintwork material, glues, oxides, carbohydrates, etc

² Round, mine timbers, sawnwood, etc

13.13. Tariff indices for transportation by pipelines

(percent)

	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
	IV Q over IV Q of the previous year					of the previous year				
All cargo	100,1	166,6	108,3	124,4	98,5	100,9	169,9	100,0	125,5	105,1
Oil	100,2	124,8	100,0	109,5	100,0	99,6	123,2	100,0	106,4	102,9
Gas	100,0	171,0	108,6	125,1	98,4	101,0	174,4	100,0	126,4	105,1

14. THE UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE (Business register)

The Business register (Unified State Register of Enterprises and Organisations of Ukraine) is an automated system for collecting, storing and processing of data on all organisational and legal forms of business and subdivisions of these businesses located in Ukraine or elsewhere in the world.

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

The Business register is an important component of Ukraine state statistics' infrastructure. The responsibility for the creation and maintenance of the Register rests with the State Statistics Service of Ukraine according to Ukraine's law *On the State Statistics* and the Regulation on the Business register endorsed by the Ukraine Cabinet of Ministers' Regulation 118 of January 22, 1996 (in line with the wording of the Ukraine Cabinet of Ministers' Regulation 499 of June 22, 2005 make changes).

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

formations supplied from the Unified State Register of legal persons, natural persons-entrepreneurs and public formations (hereinafter, the USR) to the state statistics body.

In 2012–2014, the USR data were checked with data from departmental registers of executive bodies and local authorities 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*.

Based on the results of this work, the Business Register data have been updated and the number of legal persons account of those that were registered till 2004 and which did not launch actions as to inclusion into the USR in line with the law. Data on legal persons are given including the mentioned detailing.

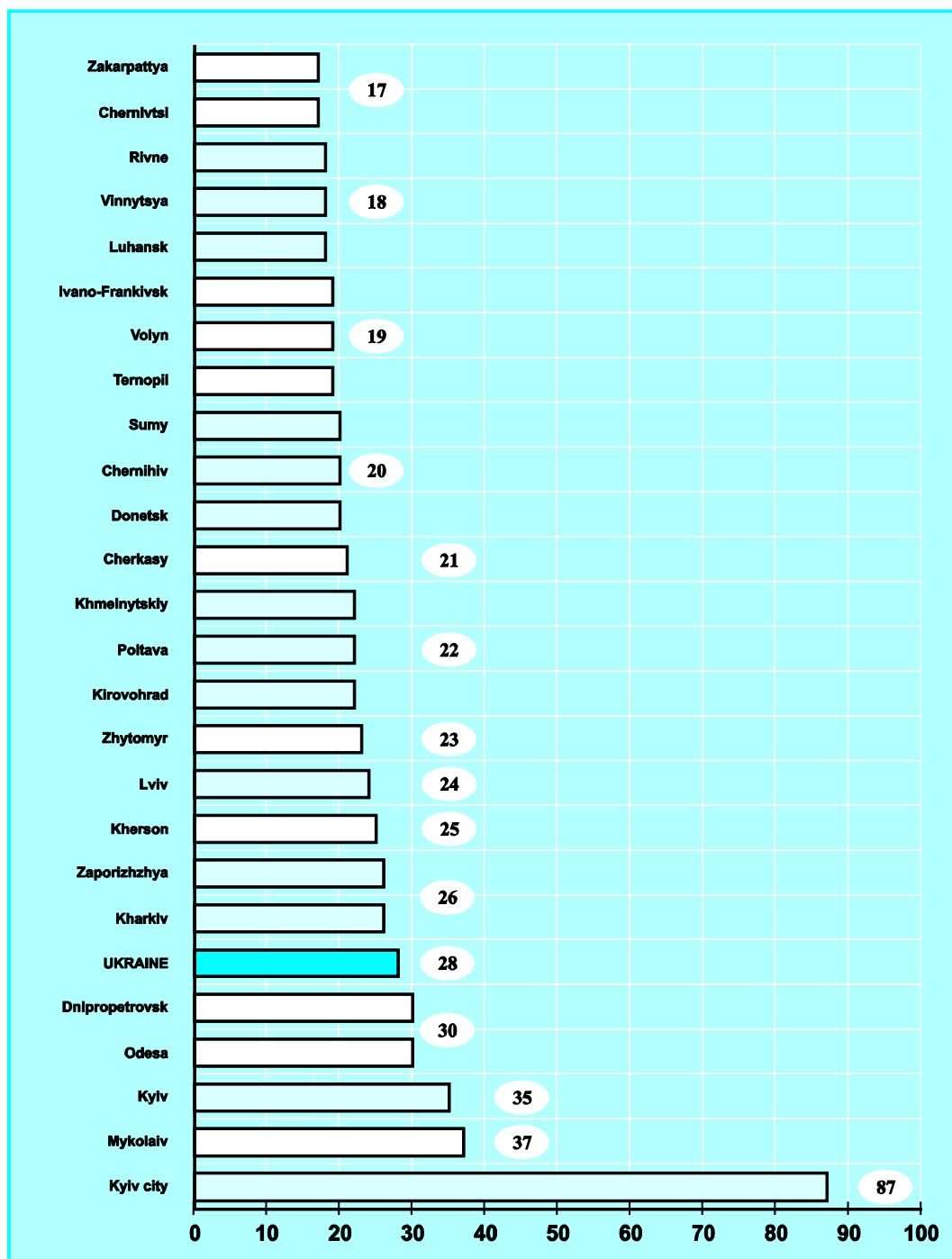
The legal persons from the Business register are classified by the territory of their location, organisational and legal form of business, type of economic activity, etc in line with the national (state) classifications.

The data given in the section reflect the changes in the number and structure of legal persons by region, and organisational and legal form of business as well as the structure of legal persons by type of economic activity in line with the *Classification of Types of Economic Activity* (State Classifier 009:2010).

UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

14.1. Number of legal persons, by region*(beginning of year)*

	2011	2012	2013	2014	2015	2016	2017
Ukraine	1012993	1043595	1067599	1100278	1072945	1121347	1185071
Autonomous Republic of Crimea	37095	38625	39468	40613
oblasts							
Vinnitsya	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
cities							
Kyiv	165814	175739	185109	198721	213530	233149	254188
Sevastopol	13605	14327	14819	15360

14.2. Business of legal persons, by region*(as of January 1, 2017; per 1000 population)*

UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

14.3. Number of legal persons, by the organisational forms

(beginning of year)

	2011	2012	2013	2014	2015	2016	2017
Total legal persons	1012993	1043595	1067599	1100278	1072945	1121347	1185071
including							
farm	45070	44573	44672	44778	43137	43743	44409
private enterprise	223159	221259	217934	217209	201917	201788	202352
public enterprise	4750	4612	4519	4395	4042	4019	3982
state-run enterprise	43	45	38	33	32	33	32
communal enterprise	13024	12913	12714	12512	11464	11438	11677
subsidiary	15173	14447	13863	13552	12539	12336	12266
foreign enterprise	925	878	854	795	679	676	670
enterprise, public association (religious organisation, trade union)	3680	3630	3628	3616	3247	3288	3313
enterprise founded by consumer partnership	1334	1334	1345	1310	1285	1254	1234
joint-stock company	21157	18981	17973	17344	15893	15571	15206
of which							
public joint-stock partnership	926	2894	3482	3637	3490	3486	3122
private joint-stock partnership	1326	4000	4440	4476	4215	4149	4348
limited liability company	374752	399361	420817	448537	453931	488205	532401
extended liability company	655	1130	1249	1298	1311	1336	1392
full liability company	1483	1463	1444	1442	1337	1361	1378
mixed liability company	419	433	421	417	384	387	384
cooperative	29275	28675	28435	28649	24868	25763	26460
of which							
production	2149	2171	2141	2348	2331	2321	2306
serve	20507	19761	19332	19344	16660	17439	18169
consumer	659	731	770	808	725	730	748
agriculture and production	1297	1249	1166	1137	1009	998	997
agriculture and serve	808	890	917	1006	899	949	1017

UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

Table 14.3 continued

	2011	2012	2013	2014	2015	2016	2017
organisation (establishment, institution)	104941	106439	106936	105959	101777	102218	101277
of which							
state-run organisation (establishment, institution)	14615	15175	15391	13863	12697	12629	11322
communal (establishment, institution)	62614	63029	63026	63695	61824	61940	62167
private (establishment, institution)	880	905	932	960	942	955	998
organisation (establishment, institution) public association	1396	1508	1542	1571	1592	1602	1581
association	2172	2216	2246	2290	2203	2260	2331
corporation	637	627	618	604	565	560	564
consortium	62	64	65	66	64	66	69
concern	238	224	216	210	193	195	195
union of consumer partnerships	352	329	328	343	328	322	323
other associations of legal persons	1015	950	875	833	763	756	767
commodity exchange	575	587	585	589	580	595	613
credit union	1141	1127	1139	1156	1090	1090	1090
consumer partnership	4488	4363	4343	4467	4333	4337	4400
not state pension fund	80	77	75	74	72	72	72
political party	15038	15204	15186	15172	14491	15557	15817
non-profit organisation	55113	59131	61957	64678	64175	70321	75988
public union	151	176	200	334	511	753	990
religious organisation	20370	21229	21837	22601	22219	23261	24072
trade union, association of trade unions	23081	24587	25702	26580	25824	26321	26899
creative union (other professional organisation)	248	257	265	285	267	279	292
charitable organisation	10143	10758	11339	12297	13399	15384	16837
condominium	11635	13551	14697	15892	15689	17109	26080
community association population	1188	1284	1404	1481	1353	1415	1497
Separate units of legal persons	38932	37395	37142	38064	36680	38545	44982
including							
branch (other separate unit)	34977	33173	32845	33671	32433	34278	40636
representative office	3955	4222	4297	4393	4247	4267	4346

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

	2017
Total legal persons	1185071
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
Arts, entertainment and recreation	10295
Other services	106617

15. CAPITAL ASSETS

Capital assets are material assets, which the enterprise keeps with the aim of their use for manufacturing or supplying of goods, rendering services, leasing to other persons or performance of administrative and social, and cultural functions. Expected term of useful usage (operation) of capital assets is more than one year (or an operational cycle, if it is exceeds one year). They include lands, buildings, constructions and transmitting devices, machines and equipment, vehicles, tools, perennial plants, animals, long-term biological actives for crop and animal production connected with agricultural activity, etc; as well as the capital assets, which are in personal property of the

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

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

Fixed assets value of the budget-funded establishments (chief controllers of budgetary funds) is not distributed by type of economic activity. The fixed assets value of the local executive authorities and local authorities is not included.

The current value of capital assets incorporates the indexation adjustments and revisions.

Capital assets indices are derived from their values at comparable prices.

15.1. Capital assets, by type of economic activity

(at current prices; end of year; mln. UAH)

	2013	2014	2015
Total	10401324	13752117	7641357
Agriculture, hunting, forestry	156013	171392	210169
Agriculture, hunting and related services	151833	167283	205575
Forestry and logging	3054	3294	3793
Fishing	1126	815	801
Industry	1749110	1937821	3842517
Mining and quarrying	309757	362722	379055
Manufacturing	599980	756277	1656971
Electricity, gas, steam and air conditioning supply	773134	758886	1736058
Water supply, sewerage, waste management and remediation	66239	59936	70433
Construction	82646	64352	62090
Wholesale and retail trade; repair of motor vehicles and motorcycles	123041	125507	135378
Transport and storage, postal and courier activities	6403272	9752902	1418312
Accommodation and food service activities	32622	27276	27985
Information and communication	70222	69440	76546
Financial and insurance activities	57048	49718	51238
Real estate activities	652366	533328	666855
Professional, scientific and technical activities	35188	29626	31347
Administrative and support service activities	380938	333493	407506
Public administration and defence; compulsory social security	380	389	581
Education	3246	3117	3117
Human health and social work activities	14001	11124	12912
Arts, entertainment and recreation	24684	23038	23581
Other services	2020	1822	2110

CAPITAL ASSETS

15.2. Indices of capital assets, by type of economic activity*(percentage of the previous year)*

	2013	2014	2015
Total	105,2	100,0	101,9
Agriculture, hunting, forestry	109,8	105,9	107,0
Agriculture, hunting and related services	109,9	105,9	107,0
Forestry and logging	108,8	105,4	110,0
Fishing	102,0	99,8	100,5
Industry	103,6	100,0	100,0
Mining and quarrying	105,0	98,2	100,9
Manufacturing	104,9	101,1	101,4
Electricity, gas, steam and air conditioning supply	102,1	101,7	100,3
Water supply, sewerage, waste management and remediation	103,0	101,1	101,4
Construction	108,3	102,5	102,0
Wholesale and retail trade; repair of motor vehicles and motorcycles	108,7	104,8	108,1
Transport and storage, postal and courier activities	99,1	99,4	100,4
Accommodation and food service activities	104,0	101,4	101,4
Information and communication	106,4	104,4	107,3
Financial and insurance activities	105,1	105,9	102,0
Real estate activities	104,3	103,2	110,3
Professional, scientific and technical activities	102,8	101,6	101,6
Administrative and support service activities	100,9	100,5	100,7
Public administration and defence; compulsory social security	104,6	101,5	102,7
Education	101,8	102,7	101,2
Human health and social work activities	107,4	101,6	102,3
Arts, entertainment and recreation	103,8	103,0	100,9
Other services	103,1	100,3	101,0

CAPITAL ASSETS

15.3. Putting new capital assets into service, by type of economic activity*(at current prices; mln. UAH)*

	2013	2014	2015
Total	165769	126162	216697
Agriculture, hunting, forestry	15233	14774	20821
Agriculture, hunting and related services	14932	14520	20277
Forestry and logging	271	250	534
Fishing	30	4	10
Industry	67103	51703	55930
Mining and quarrying	16701	12651	12923
Manufacturing	33723	22753	34118
Electricity, gas, steam and air conditioning supply	14671	15301	7467
Water supply, sewerage, waste management and remediation	2008	998	1423
Construction	7278	2738	2220
Wholesale and retail trade; repair of motor vehicles and motorcycles	10778	8852	14992
Transport and storage, postal and courier activities	12177	12000	10183
Accommodation and food service activities	1913	740	631
Information and communication	4965	4890	8280
Financial and insurance activities	4938	4186	2972
Real estate activities	29697	18822	87717
Professional, scientific and technical activities	1309	856	973
Administrative and support service activities	3603	2456	4380
Public administration and defence; compulsory social security	19	10	23
Education	61	106	55
Human health and social work activities	1078	352	414
Arts, entertainment and recreation	1519	528	311
Other services	65	23	42

15.4. Degree of depreciation of capital assets, by type of economic activity*(percent)*

	2013	2014	2015
Total	77,3	83,5	60,1
Agriculture, hunting, forestry	35,8	38,8	38,9
Agriculture, hunting and related services	35,4	38,4	38,6
Forestry and logging	53,3	54,5	50,0
Fishing	52,9	50,2	54,9
Industry	56,9	60,3	76,9
Mining and quarrying	57,1	65,3	57,9
Manufacturing	50,1	56,9	75,8
Electricity, gas, steam and air conditioning supply	61,9	61,4	82,6
Water supply, sewerage, waste management and remediation	59,3	57,6	62,0
Construction	51,9	54,4	53,0
Wholesale and retail trade; repair of motor vehicles and motorcycles	39,5	37,3	44,7
Transport and storage, postal and courier activities	96,7	97,9	51,7
Accommodation and food service activities	34,8	35,9	35,6
Information and communication	63,6	57,4	57,9
Financial and insurance activities	40,2	38,5	41,9
Real estate activities	40,4	36,2	37,7
Professional, scientific and technical activities	53,3	58,8	57,3
Administrative and support service activities	52,4	54,2	55,1
Public administration and defence; compulsory social security	57,6	45,9	50,1
Education	44,9	45,0	45,6
Human health and social work activities	45,7	44,0	43,9
Arts, entertainment and recreation	31,7	30,8	32,2
Other services	42,2	37,3	44,6

16. ENERGY

Energy balances for 2014/2015 are compiled according to Regulation 203-p *On Current and Forecast Energy Balance* of the Cabinet of Ministers of Ukraine dated on March 11, 2011 according to the methodology of *International Energy Agency* (IEA) and which are published following international practice. When compiling energy balance, the indicators of the state statistical reporting and administrative data from Ukraine ministries and departments have been use.

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

Fuel usage and stocks for productive, communal and consumer needs are measured as the sum of expenditures of enterprises. These include expenditures for transformation into other types of fuel and energy; for non-energy purposes (as raw material, materials), for final consumption as well as expenditure on distributing, transporting and storing regardless of the sources of their supplies (whether they have been bought with own funds or received as raw materials for the processing).

To identify the general amounts of the used fuels, as well as a proportion of the selected types of fuels in the total

amount, all types of fuels are recalculated from the physical into the conventional values according to the coal equivalent (7000 kcal/kg).

Energy delivery and supply indicators contains information about the capacity and amounts of electric and heat energy delivered by all types of energy-generated capacities (thermal power plants meant to produce electric energy (CHP), central heating and power plant (thermal power plants with the combined cycle of electric and thermal energy production, TPP), nuclear power plants (NPP), wind power plants, solar power plants, hydroelectric plants, pumped storage plants, boiler units, recycling facilities, electric boilers, heat pumps and other energy-generated units).

The established electric and heat capacities of energy delivery sources are show as of December 31 of the reference year.

Energy usage indicators contain data on the general amount of usage of electric energy (active energy), heat energy (steam and hot water) by all sources of supply (both from own production and external supplies) for production and exploitation, and utility needs of enterprises.

ENERGY

16.1. Energy balance

Supply and consumption	Coal and peat	Crude oil	Oil products	Natural gas
Production	31891 ¹	2817	—	15022
Imports	10374	193	8117	15720
Exports	-4915	-70	-747	—
International bunkering	—	—	-131	—
Change in stocks	-1774	102	407	2671 ²
General supply of primary energy	35576	3043	7645	33412²
Inter-product transfers	—	222	-195	—
Statistical discrepancies	185	—	44	-848 ²
Power plants	-17632	—	-44	-314
Heat power plant (HPP)	-2311	—	-59	-4086
Central heating plants	-845	—	-85	-5794
Coke enterprises (blast-furnaces)	-3368	—	—	—
Gas enterprises	-9	—	—	—
Enterprises producing briquettes	-1015	—	—	—
Oil-refining enterprises	—	-3308	3394	—
Petrochemical enterprises	—	—	—	—
Other enterprises engaged into transformation	-230	70	—	—
Own consumption by energy sector	-1019	-5	-555	-961
Losses due to transportation and distribution	-153	-14	-3	-455
Final consumption	9180	8	10141	20955
Industry	8408	—	921	3324
Ferrous metallurgy	7755	—	107	1862
Chemical and petrochemical	3	—	19	175
Non-ferrous metallurgy	112	—	5	139
Non-metallic mineral products	505	—	72	404
Transport equipment	—	—	18	27
Engineering	3	—	22	141
Mining (excluding fuel)	2	—	312	307
Food and tobacco	27	—	149	206
Cellulose and paper, printing	—	—	8	22
Wood working and wood products	—	—	14	14
Construction	1	—	168	11
Textile and leather	—	—	3	5
Other types of industry	1	—	23	10
Transport	7	—	7312	2273
Domestic air transportation	—	—	1	—
Road	—	—	7128	23
Rail	7	—	134	—
Pipeline	—	—	5	2248
Domestic boat traffic	—	—	43	—
Other mode of transport	1	—	—	2
Others	371	—	1461	12708
Household sector	290	—	32	11743
Trade and services	73	—	107	836
Agriculture	9	—	1320	129
Fishing	—	—	2	—
Other consumers	—	—	—	—
Non-energy uses	395	8	447	2650
Industrial and energy sectors, transformation sector	395	8	386	2650
including raw material for industry	—	—	108	2571
On transport	—	—	14	—
In other sectors	—	—	47	—

¹ Production of coal/peat includes 5408 thsd.t of oil equivalent for coal obtained from other sources

² Data includes the amount of energy distributed to the temporary occupied territory of the Autonomous Republic of Crimea, city of Sevastopol and a part of the zone where anti-terrorist operation is conducted

ENERGY

for 2014

(thsd.t of oil equivalent)

Nuclear power	Hydroelectric power	Wind, solar energy	Bio fuel and wastes	Electric power	Heat power	Total
23191	729	134	2399	—	745	76928
—	—	—	25	8	—	34437
—	—	—	-502	-733	—	-6967
—	—	—	—	—	—	-131
—	—	—	11	—	—	1417
23191	729	134	1934	-725	745	105683
—	—	—	—	—	—	27
—	—	—	—	-464 ²	—	-1082
-23035	-729	-134	-25	14485	—	-27428
-157	—	—	-457	1164	3780	-2125
—	—	—	-34	—	6074	-684
—	—	—	—	—	—	-3368
—	—	—	—	—	—	-9
—	—	—	—	—	—	-1015
—	—	—	—	—	—	86
—	—	—	—	—	—	—
—	—	—	-215	—	—	-375
—	—	—	-1	-1732	-634	-4906
—	—	—	—	-1687	-1032	-3345
—	—	—	1201	11041	8933	61460
—	—	—	48	4678	3192	20570
—	—	—	3	1749	824	12301
—	—	—	—	329	632	1159
—	—	—	—	143	237	636
—	—	—	16	200	53	1250
—	—	—	—	86	60	191
—	—	—	1	243	99	508
—	—	—	—	859	82	1562
—	—	—	6	386	906	1680
—	—	—	—	79	131	240
—	—	—	19	54	84	185
—	—	—	—	73	20	274
—	—	—	—	27	19	54
—	—	—	1	450	45	530
—	—	—	41	694	—	10327
—	—	—	—	—	—	1
—	—	—	41	—	—	7192
—	—	—	—	534	—	675
—	—	—	—	63	—	2316
—	—	—	—	—	—	43
—	—	—	—	97	—	100
—	—	—	1113	5669	5741	27062
—	—	—	1070	3352	3897	20384
—	—	—	28	2016	1604	4663
—	—	—	15	300	239	2012
—	—	—	—	2	—	4
—	—	—	—	—	—	—
—	—	—	—	—	—	3500
—	—	—	—	—	—	3439
—	—	—	—	—	—	2679
—	—	—	—	—	—	14
—	—	—	—	—	—	47

ENERGY

16.2. Energy balance

Supply and consumption	Coal and peat	Crude oil	Oil products	Natural gas
Production	17423	2618	—	14814
Imports	9940	238	7887	13288
Exports	-487	-22	-90	—
International bunkering	—	—	-124	—
Change in stocks	469	17	27	-2047
General supply of primary energy	27344	2851	7700	26055
Inter-product transfers	—	230	-200	—
Statistical discrepancies	127	—	-228	-42
Power plants	-14566	—	-127	-104
Heat power plant (HPP)	-1686	—	-158	-3532
Central heating plants	-658	—	-141	-4933
Coke enterprises (blast-furnaces)	-3480	—	—	—
Gas enterprises	-31	-3	—	—
Enterprises producing briquettes	758	—	—	—
Oil-refining enterprises	—	-3057	2726	—
Petrochemical enterprises	—	—	—	—
Other enterprises engaged into transformation	-182	—	—	—
Own consumption by energy sector	-908	-5	-116	-957
Losses due to transportation and distribution	-416	-7	-1	-466
Final consumption	6302	8	9455	16022
Industry	5569	—	814	2762
Ferrous metallurgy	4930	—	101	1463
Chemical and petrochemical	2	—	22	151
Non-ferrous metallurgy	105	—	5	137
Non-metallic mineral products	505	—	51	355
Transport equipment	—	—	13	15
Engineering	2	—	36	119
Mining (excluding fuel)	1	—	276	293
Food and tobacco	21	—	114	165
Cellulose and paper, printing	—	—	8	18
Wood working and wood products	1	—	16	12
Construction	2	—	155	25
Textile and leather	—	—	3	3
Other types of industry	1	—	14	5
Transport	4	—	6554	1572
Domestic air transportation	—	—	—	—
Road	—	—	6364	25
Rail	4	—	138	—
Pipeline	—	—	3	1546
Domestic boat traffic	—	—	48	—
Other mode of transport	1	—	—	1
Others	379	—	1408	9406
Household sector	303	—	14	9083
Trade and services	67	—	92	195
Agriculture	9	—	1300	129
Fishing	—	—	2	—
Other consumers	—	—	—	—
Non-energy uses	349	8	679	2281
Industrial and energy sectors, transformation sector	349	8	607	2281
including raw material for industry	—	1	105	2193
On transport	—	—	8	—
In other sectors	—	—	65	—

¹ See the second footnote for Table 16.1

ENERGY

for 2015

(thsd.t of oil equivalent)

Nuclear power	Hydroelectric power	Wind, solar energy	Bio fuel and wastes	Electric power	Heat power	Total
22985	464	134	2606	—	571	61614
—	—	—	30	193	—	31575
—	—	—	-539	-309	—	-1447
—	—	—	—	—	—	-124
—	—	—	5	—	—	-1529
22985	464	134	2102	-116	571	90090
—	—	—	—	—	—	30
—	—	—	—	-502 ¹	—	-644
-22836	-464	-134	-15	12920	—	-25327
-149	—	—	-523	1021	3251	-1776
—	—	—	-37	—	5210	-558
—	—	—	—	—	—	-3480
—	—	—	—	—	—	-34
—	—	—	—	—	—	758
—	—	—	—	—	—	-331
—	—	—	—	—	—	—
—	—	—	-243	—	—	-426
—	—	—	-1	-1590	-599	-4176
—	—	—	—	-1500	-905	-3295
—	—	—	1283	10233	7527	50831
—	—	—	86	4297	2880	16409
—	—	—	9	1503	827	8832
—	—	—	1	265	560	1001
—	—	—	—	143	245	635
—	—	—	18	203	49	1180
—	—	—	—	86	41	156
—	—	—	1	229	80	466
—	—	—	1	844	75	1490
—	—	—	7	350	740	1397
—	—	—	2	76	117	221
—	—	—	47	52	80	209
—	—	—	1	64	16	263
—	—	—	—	26	18	50
—	—	—	1	457	32	509
—	—	—	34	585	—	8750
—	—	—	—	—	—	—
—	—	—	34	—	—	6423
—	—	—	—	516	—	658
—	—	—	—	33	—	1582
—	—	—	—	—	—	48
—	—	—	—	37	—	38
—	—	—	1163	5351	4647	22353
—	—	—	1097	3184	2874	16554
—	—	—	46	1878	1560	3838
—	—	—	19	287	212	1957
—	—	—	—	2	—	4
—	—	—	—	—	—	—
—	—	—	—	—	—	3318
—	—	—	—	—	—	3245
—	—	—	—	—	—	2298
—	—	—	—	—	—	8
—	—	—	—	—	—	65

ENERGY

16.3. Usage of fuel in 2016, by selected type of economic activity

	Usage ¹	Share of usage, by the selected economic activities, percent				
		agriculture, forestry and fishing	industry	construction	transport and storage; postal and courier activities	enterprises and organisations of other types of activity
Total, mln.t of conventional fuel	114,8	2,6	72,5	0,4	5,8	2,0
Coal, mln.t	48,7	0,3	98,0	0,0	0,1	0,7
Natural gas, bln.cub.m	34,0	1,1	52,1	0,1	11,1	2,2
Crude oil, of which oil obtained from bituminous minerals (including gas condensate), mln.t	2,7	0,0	99,9	0,0	0,0	0,1
Gasoline, thsd.t	2229,4	6,5	6,7	1,9	2,5	9,5
Gas oil (diesel fuel), thsd.t	4968,6	27,8	15,4	3,5	23,0	6,5
Heavy pet coke, thsd.t	669,3	0,2	93,5	0,8	4,4	1,1
Kerosene, thsd.t	182,4	1,0	3,8	0,0	92,3	2,9
Liquefied propane and butane, thsd.t	778,4	4,0	7,7	0,5	1,9	5,7
Olive oil and grease; petroleum distillates heavy, thsd.t	191,7	11,2	75,2	2,8	8,4	2,2
Briquettes, ovoids and similar solid fuels manufactured from coal, thsd.t	6,3	0,9	35,6	0,2	1,2	61,0
Non-agglomerated fuel peat, thsd.t conventional moisture content	454,3	—	98,7	—	—	0,6
Firewood for the heating, thsd. densit cub.m	3762,8	6,2	22,4	0,3	1,1	20,8
Fuel briquettes and pellets from wood and other natural materials, thsd.t	333,9	2,8	75,8	0,4	2,4	17,7

¹ Data from enterprises, organisations and establishments on usage of fuel for production and exploitation, and municipal needs including the amounts sold to the population and retail trade through fuel filling stations

ENERGY

16.4. Structure of the consumed fuel in 2016, by purpose

(percent)

	Usage ¹	Of which			
		for conversion to other fuels and energy	for non-energy purposes	final use ¹	distribution, transportation and storage losses
Total	100,0	51,0	3,5	44,8	0,7
Coal	100,0	91,9	0,3	7,8	0,0
Natural gas	100,0	32,5	6,8	58,9	1,8
Crude oil, of which oil obtained from bituminous minerals (including gas condensate)	100,0	99,3	0,2	0,2	0,3
Gasoline	100,0	0,0	0,0	100,0	0,0
Gas oil (diesel fuel)	100,0	0,2	0,0	99,8	0,0
Heavy pet coke	100,0	94,8	0,5	4,7	—
Kerosene	100,0	—	0,7	99,3	—
Liquefied propane and butane	100,0	0,1	0,1	99,7	0,1
Olive oil and grease; petroleum distillates, heavy	100,0	0,2	97,9	1,9	0,0
Briquettes, ovoids and similar solid fuels manufactured from coal	100,0	71,3	—	28,7	—
Non-agglomerated fuel peat	100,0	86,8	0,0	12,8	0,4
Firewood for heating	100,0	38,7	0,7	60,6	—
Fuel briquettes and pellets from wood and other natural materials	100,0	67,7	18,4	14,0	—

¹ See the footnote for Table 16.3**16.5. Structure of the used fuel¹**

(percent)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
of which									
coal	22,4	22,4	27,9	30,6	32,5	33,3	32,4	30,9	31,8
natural gas	44,6	40,7	35,7	37,7	35,7	34,8	35,2	34,7	34,3
crude oil, of which oil obtained from bituminous minerals (including gas condensate)	7,6	13,3	9,0	7,6	4,0	3,4	3,2	3,6	3,3
gasoline	2,5	2,7	3,8 ²	3,7 ²	3,7 ²	3,6 ²	3,6 ²	3,2 ²	2,9 ²
gas oil (diesel fuel)	4,0	3,7	4,6 ²	5,1 ²	5,3 ²	5,4 ²	6,1 ²	6,3 ²	6,3 ²
heavy pet coke	1,0	0,5	0,6	0,7	0,3	0,2	0,2	0,5	0,8
kerosene	0,2	0,0	0,2	0,3	0,3	0,1	0,2	0,2	0,2
liquefied propane and butane	0,2	0,2	0,2	0,4	0,4	0,6 ²	0,7 ²	1,0 ²	1,1 ²
briquettes, ovoids and similar solid fuels manufactured from coal	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
non-agglomerated fuel peat	0,1	0,1	0,1	0,1	0,1	0,1	0,3	0,1	0,1
firewood for the heating	0,4	0,3	0,4	0,4	0,4	0,5	0,6	0,8	0,9

¹ See the footnote for Table 16.3² Including of volumes of retails by filling stations

ENERGY

16.6. Usage of selected types of fuel in 2016, by region¹

(thsd.t)

	Coal	Natural gas, mln.cub.m	Gasoline ²	Gas oil (diesel fuel) ²	Heavy pet coke	Briquettes, ovoids and similar solid fuels manufactured from coal	Firewood for the heating, thsd. densit cub.m	Fuel briquettes and pellets from wood and other natural materials
Ukraine	48680,3	33968,6	2229,4	4968,6	669,3	6,3	3762,8	333,9
Autonomous Republic of Crimea
oblasts								
Vinnitsya	2201,1	896,5	71,6	210,8	8,1	0,0	176,8	20,8
Volyn	37,4	521,9	44,1	143,8	1,8	0,1	170,1	9,7
Dnipropetrovsk	10253,9	3415,3	196,7	472,1	3,3	1,0	94,4	8,8
Donetsk	16172,0	1613,3	63,3	186,9	21,8	0,1	29,3	4,6
Zhytomyr	19,8	698,1	64,1	146,7	2,9	—	452,7	15,8
Zakarpattia	13,9	468,1	78,5	138,1	0,7	—	254,7	1,9
Zaporizhzhya	4264,1	1230,6	114,9	204,8	8,1	0,0	23,8	59,0
Ivano-Frankivsk	4787,4	1153,5	61,7	143,6	0,4	—	241,2	4,9
Kyiv	1460,9	1668,4	161,2	277,7	187,2	0,0	295,1	42,8
Kirovohrad	227,5	461,8	55,3	196,1	3,7	0,6	79,7	11,3
Luhansk	3810,1	577,4	41,5	127,6	2,3	0,0	82,1	2,4
Lviv	1264,0	1850,9	158,9	310,8	40,8	—	201,6	14,7
Mykolayiv	204,5	988,5	60,2	185,8	2,1	0,1	35,0	6,1
Odesa	42,5	1631,9	171,3	322,4	27,2	0,1	49,3	5,5
Poltava	21,7	2353,6	88,2	312,4	199,0	0,0	93,1	5,7
Rivne	183,5	791,7	50,6	123,1	0,0	2,8	178,0	33,9
Sumy	96,0	1005,7	51,1	103,4	0,0	0,0	255,0	11,3
Ternopil	10,0	675,3	45,3	133,9	0,0	0,0	72,8	8,2
Kharkiv	1702,2	4606,2	116,1	265,9	103,7	0,2	53,3	21,0
Kherson	38,4	430,2	63,3	123,6	0,9	0,3	49,1	7,0
Khmelnyskiy	368,1	741,1	63,5	180,6	10,4	0,2	148,0	16,2
Cherkasy	484,6	2127,4	88,5	179,8	1,5	0,4	220,2	4,5
Chernivtsi	21,9	368,6	43,9	83,5	0,1	—	163,7	2,3
Chernihiv	512,7	704,3	47,5	115,8	1,2	0,3	294,2	4,3
cities								
Kyiv	482,3	2988,3	227,9	279,5	41,9	—	49,5	11,3
Sevastopol

¹ See the footnote for Table 16.3

² See the second footnote for Table 16.5

ENERGY

16.7. Capacity and delivery of energy in 2016, by source for energy supply

	Established electrical capacity, thsd. kW	Amount of electric energy delivered, mln.kW·h	Established heating capacity, Gcal/h	Amount of heating capacity delivered, thsd. of Gcal
Total	59176	147777	277580	98956
Thermal power plants	27489	50215	5130	1699
CHP plants	10569	11078	32331	29879
Nuclear power plants	13835	75931	2596	1514
Wind power plants	387	949	—	—
Solar power plants	324	408	—	—
Hydroelectric power stations	6167	9004	—	—
Heat-generating installations, boiler houses	—	—	229367	60194
Other energy-generated installations	405	192	8156	5670

16.8. Usage of energy by basic type of economic activity¹

	Electric energy, mln.kW·h			Thermal power, thsd. of Gcal		
	2014	2015	2016	2014	2015	2016
Total	80704,3	75735,7	75604,9	59911,6	52180,4	50082,9
Agriculture, hunting, forestry	2492,0	2542,2	2364,7	2394,9	2124,2	2438,8
Agriculture, hunting and related services	2401,4	2444,3	2269,3	2138,4	1851,6	2212,0
Forestry and logging	69,8	73,4	71,1	255,8	272,2	226,2
Fishing	20,8	24,5	24,3	0,6	0,4	0,5
Industry	58997,4	56052,3	55283,7	40277,6	36201,7	32689,7
Mining and quarrying	13405,5	13264,7	12603,2	2272,0	2293,3	2359,2
Mining of coal and lignite	2936,6	2896,7	2489,1	1182,9	1200,5	969,8
Extraction of crude petroleum and natural gas	462,4	537,8	529,0	249,3	316,8	448,2
Mining of metal ores	9582,7	9244,2	9075,0	784,5	670,7	687,1
Other mining and quarrying	408,6	572,6	491,3	33,5	83,9	233,9
Manufacturing	38129,7	35406,9	36933,5	35029,9	31506,5	27830,5
Manufacture of food products	3682,5	3304,3	3353,8	8169,6	6615,5	6569,0
Manufacture of beverages	498,7	454,6	400,9	831,0	730,5	519,5
Manufacture of tobacco products	80,1	80,1	84,2	59,8	55,9	56,8
Manufacture of textiles	142,0	143,0	157,6	94,2	99,7	86,1
Manufacture of wearing apparel	108,4	103,6	129,4	56,9	52,5	54,4
Manufacture of leather and related products	66,3	51,9	66,2	36,7	26,3	40,5
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	623,0	608,2	589,9	845,0	801,1	911,7
Manufacture of paper and paper products	918,4	800,6	805,9	1308,8	1149,0	1191,2

ENERGY

Table 16.8 continued

	Electric energy, mln.kW·h			Thermal power, thsd. of Gcal		
	2014	2015	2016	2014	2015	2016
Printing and reproduction of recorded media	85,3	78,3	122,2	33,0	24,1	27,2
Manufacture of coke and refined petroleum products	989,7	906,6	2196,3	3828,7	3543,0	3243,5
Manufacture of chemicals and chemical products	2926,9	2554,9	2465,3	6322,7	5446,2	4723,9
Manufacture of basic pharmaceutical products and pharmaceutical preparations	146,6	143,0	158,0	174,7	152,8	174,3
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	671,9	631,7	668,8	347,1	212,9	228,3
Manufacture of basic metals	20544,4	19128,0	19334,5	10619,8	10723,0	7764,4
Manufacture of fabricated metal products, except machinery and equipment	569,6	559,1	613,7	160,9	218,1	188,1
Manufacture of computer, electronic and optical products	137,7	150,4	109,7	63,5	63,7	60,1
Manufacture of electrical equipment	569,0	544,0	466,2	231,6	201,7	192,3
Manufacture of machinery and equipment n.e.c.	1544,2	1411,8	1498,6	529,3	406,0	480,9
Manufacture of motor vehicles, trailers and semi-trailers	210,9	192,7	192,0	83,4	54,7	57,5
Electricity, gas, steam and air conditioning supply	4039,8	4002,8	2917,0	2054,8	1958,3	1962,0
Water supply, sewerage, waste management and remediation	3422,4	3377,9	2830,0	920,9	443,7	538,0
Construction	548,3	464,4	472,4	198,7	164,2	199,0
Wholesale and retail trade; repair of motor vehicles and motorcycles	1506,8	1361,9	1686,4	354,8	269,1	300,3
Transport and storage, postal and courier activities	6895,7	6644,4	6553,1	1899,8	1281,1	1438,9
Information and communication	538,2	532,1	722,4	191,0	149,9	184,1
Financial and insurance activities	201,5	179,6	156,3	138,5	122,9	107,0
Real estate activities	2192,9	1985,2	2607,4	1439,1	551,2	761,3
Professional, scientific and technical activities	365,9	404,6	812,8	465,4	435,6	586,6
Public administration and defence, compulsory social security	1945,4	1671,4	1877,4	5677,9	2469,8	5435,2
Education	2386,7	844,1	861,6	3191,3	2682,0	2937,2
Health care and social work activities	908,8	878,8	805,2	2490,3	2238,5	2265,3

¹ Utilization of energy for production and exploitation, and economic needs of enterprises excluding the volumes of own consumption of energy-generated (enterprises) installations and the volumes delivered to the population

17. INDUSTRY

Index of industrial products is produced in line with international standards for industry according to the Technique approved by decree № 224 of the State Statistics Committee of Ukraine dated on August 2, 2005 (in wording of decree № 91 of the State Statistics Service of Ukraine dated on March 14, 2013).

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

The index compilation in Ukraine prior

to 2007 (by region before 2009) is based on the chain-linked method on the basis of the monthly indices calculated using the data from enterprises on the value of output over the month at comparable prices.

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

The output of industrial products is shown to gross production, i.e. together with production meant for the further processing within one enterprises.

Information about industrial is presented by *Nomenclature of Industrial Products* (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)*.

17.1. Industrial production indices, by type of activity

(percent of the previous year)

	2010	2012	2013	2014	2015	2016
Industry	112,0	99,5	95,7	89,9	87,0	102,8
Mining and manufacturing	112,3	99,1	95,3	89,3	86,9	102,9
Mining and quarrying	104,5	101,9	100,6	86,3	85,8	99,8
Mining of coal and lignite	98,4	104,5	97,6	69,5	61,9	104,8
Extraction of crude petroleum and natural gas	92,5	101,2	97,1	98,3	95,0	97,4
Mining of metal ores	113,8	101,2	104,6	93,4	95,0	97,9
Other mining and quarrying	113,8	95,2	98,9	95,6	89,5	107,5

INDUSTRY

Table 17.1 continued

	2010	2012	2013	2014	2015	2016
Manufacturing	116,2	98,0	92,9	90,7	87,4	104,3
Production of foodstuffs, beverages and tobacco products	103,7	101,0	94,9	102,5	89,3	104,4
Manufacture of food products	105,5	101,8	96,1	104,6	87,2	106,0
Manufacture of beverages	105,5	99,0	91,5	91,7	88,6	96,1
Manufacture of tobacco products	89,7	98,5	91,8	104,5	108,0	104,0
Textile industry, sewing of clothes, leather, leather articles and other materials	113,0	93,4	94,2	98,6	92,0	102,2
Manufacture of textiles	120,5	104,9	93,6	103,9	96,8	104,9
Manufacture of wearing apparel	113,9	91,7	95,2	102,0	92,1	101,0
Manufacture of leather and related products	105,5	85,9	92,6	84,0	84,5	101,5
Manufacture of products of wood, manufacture of paper and printing	111,0	100,9	102,5	96,0	88,9	102,0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	115,1	99,2	100,8	103,0	99,8	105,1
Manufacture of paper and paper products	113,7	104,8	105,1	94,3	82,8	99,4
Printing and reproduction of recorded media	97,0	92,3	97,1	87,1	85,1	102,5
Manufacture of coke and refined petroleum products	102,7	81,6	89,2	78,7	80,9	108,7
Manufacture of chemicals and chemical products	121,5	96,2	83,1	85,8	84,8	101,1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	115,9	107,2	111,8	101,9	92,4	104,4
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	112,9	94,0	97,6	91,2	92,8	108,5
Manufacture of rubber and plastic products	111,5	98,4	99,5	90,8	91,6	109,4
Manufacture of other non-metallic mineral products	113,6	92,0	96,6	91,5	93,5	108,0
Manufacture of basic metals, manufacture of fabricated metal products, except machinery and equipment	115,2	96,4	94,7	85,5	83,9	106,8
Manufacture of basic metals	113,8	95,9	94,4	85,3	83,0	106,3
Manufacture of fabricated metal products, except machinery and equipment	120,8	98,4	95,7	86,1	87,3	108,5
Engineering, except repair and installation of machinery and equipment	141,3	96,7	86,8	79,4	85,9	102,0
Manufacture of computer, electronic and optical products	106,1	90,5	86,4	77,9	71,3	124,2
Manufacture of electrical equipment	160,0	87,7	91,1	100,9	89,8	100,9
Manufacture of machinery and equipment n.e.c.	133,9	97,3	95,0	88,7	87,5	102,3
Manufacture of transport equipment, trailers and semi-trailers and other	152,6	100,5	79,6	64,3	85,0	98,4
Manufacture of motor vehicles, trailers and semi-trailers	125,7	87,7	89,3	90,3	118,6	99,1
Manufacture of other transport equipment	158,2	102,7	78,2	59,9	76,3	98,1
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	119,7	108,0	92,1	93,0	84,5	101,3
Manufacture of furniture	121,6	98,3	102,9	98,4	87,6	105,7
Other manufacturing	124,6	115,3	89,5	91,9	84,9	99,5
Electricity, gas, steam and air conditioning supply	109,7	102,0	98,6	93,4	88,0	102,5

INDUSTRY

17.2. Industrial production indices, by region*(percent of the previous year)*

	2005	2010	2012	2013	2014	2015	2016
Ukraine	103,1	112,0	99,5	95,7	89,9	87,0	102,8
Autonomous Republic of Crimea	113,8	110,5	98,7	100,8
oblasts							
Vinnitsya	113,1	106,5	107,1	110,4	105,4	104,0	105,3
Volyn	121,9	126,7	94,5	102,9	103,2	98,6	100,2
Dnipropetrovsk	107,4	116,1	102,2	98,5	92,5	92,1	99,3
Donetsk	92,1	114,7	94,6	93,6	68,5	65,4	106,4
Zhytomyr	113,1	108,2	116,6	113,4	107,1	110,0	105,7
Zakarpattia	107,7	142,9	101,4	96,9	106,1	79,7	105,9
Zaporizhzhya	103,7	107,8	96,8	97,1	96,8	95,3	96,9
Ivano-Frankivsk	104,8	100,2	101,2	95,3	98,9	89,1	95,5
Kyiv	117,6	108,0	96,8	99,1	101,6	93,0	106,2
Kirovohrad	110,5	113,3	107,5	106,6	100,8	82,9	120,3
Luhansk	101,6	107,1	92,5	91,1	58,0	34,0	139,0
Lviv	93,2	100,9	101,6	101,2	97,2	98,5	99,3
Mykolayiv	107,1	110,3	99,5	96,5	101,4	91,1	110,5
Odesa	99,5	102,9	96,9	100,6	99,7	96,1	109,2
Poltava	97,6	112,6	100,0	94,7	92,9	96,2	100,1
Rivne	113,2	129,6	96,7	91,4	103,7	100,3	98,1
Sumy	113,5	93,5	95,6	107,0	88,1	98,4	91,2
Ternopil	109,0	102,5	102,1	99,5	116,5	92,1	110,3
Kharkiv	112,5	105,8	97,6	94,5	94,8	88,2	105,8
Kherson	88,1	100,5	104,7	92,4	96,4	98,1	102,0
Khmelnyskiy	118,6	104,9	101,2	97,6	97,8	95,7	104,7
Cherkasy	113,6	117,1	94,9	95,2	94,7	90,8	106,3
Chernivtsi	109,6	111,9	86,8	103,7	92,9	98,3	96,9
Chernihiv	111,1	99,8	98,1	89,6	97,2	91,2	105,8
cities							
Kyiv	115,4	104,1	95,9	89,9	85,9	94,6	104,4
Sevastopol	116,8	114,4	95,0	112,7

INDUSTRY

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

(percent of the previous year)

	2010	2012	2013	2014	2015	2016
Production of foodstuffs, beverages and tobacco products	103,7	101,0	94,9	102,5	89,3	104,4
Manufacture of food products	105,5	101,8	96,1	104,6	87,2	106,0
Processing and preserving of meat and production of meat products	107,7	103,9	108,1	100,5	99,8	104,5
Processing and preserving of fish, crustaceans and molluscs	99,1	112,9	105,0	98,7	71,4	115,6
Processing and preserving of fruit and vegetables	90,8	105,0	99,7	102,9	74,6	100,2
Manufacture of vegetable and animal oils and fats	105,4	110,4	92,6	121,5	85,8	116,5
Manufacture of dairy products	98,6	103,9	100,6	100,1	91,2	98,6
Manufacture of grain mill products, starches and starch products	96,9	104,5	95,2	100,6	94,6	100,7
Manufacture of grain mill products	93,5	105,8	99,8	100,5	95,2	99,5
Manufacture of bakery and farinaceous products	103,2	99,9	96,4	89,5	86,9	97,7
Manufacture of bread; manufacture of fresh pastry goods and cakes	100,4	97,7	93,7	93,5	91,1	96,2
Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes	107,7	104,6	100,7	82,0	79,9	100,5
Manufacture of other food products	116,9	93,7	85,7	110,8	79,0	111,5
Manufacture of sugar	143,6	82,0	58,9	166,8	69,5	136,2
Manufacture of cocoa, chocolate and sugar confectionery	104,7	97,4	100,5	76,2	82,9	98,6
Processing of tea and coffee	126,8	126,0	109,8	106,1	92,0	103,7
Manufacture of condiments and seasonings	105,4	98,5	98,5	93,1	86,4	100,4
Manufacture of other food products	120,4	107,2	119,5	112,6	75,8	88,1
Manufacture of beverages	105,5	99,0	91,5	91,7	88,6	96,1
Distilling, rectifying and blending of spirits	106,4	100,2	89,1	93,7	93,1	86,0
Manufacture of wine from grape	119,3	84,7	93,7	97,1	122,1	100,7
Manufacture of soft drinks; production of mineral waters and other bottled waters	104,2	102,0	93,0	93,9	93,2	106,0
Manufacture of tobacco products	89,7	98,5	91,8	104,5	108,0	104,0

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

(percent of the previous year)

	2010	2012	2013	2014	2015	2016
Manufacture of coke and refined petroleum products	102,7	81,6	89,2	78,7	80,9	108,7
Manufacture of coke oven products	106,8	96,6	92,9	78,1	83,7	110,6
Manufacture of refined petroleum products	97,2	54,1	77,3	81,2

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

(percent of the previous year)

	2010	2012	2013	2014	2015	2016
Manufacture of chemicals and chemical products	121,5	96,2	83,1	85,8	84,8	101,1
Manufacture of basic chemicals, fertilisers and nitrogen compounds, plastics and synthetic rubber in primary forms	129,1	89,9	75,0	76,3	88,4	103,6
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	105,3	97,3	94,6	92,7	81,1	117,6
Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	114,1	109,9	109,6	97,8	81,4	96,7

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

(percent of the previous year)

	2010	2012	2013	2014	2015	2016
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	112,9	94,0	97,6	91,2	92,8	108,5
Manufacture of rubber and plastic products	111,5	98,4	99,5	90,8	91,6	109,4
Manufacture of rubber products	102,1	92,9	103,4	84,7	83,8	134,0
Manufacture of plastics products	113,8	99,3	98,9	91,8	92,8	105,9
Manufacture of other non-metallic mineral products	113,6	92,0	96,6	91,5	93,5	108,0
Manufacture of glass and glass products	114,1	93,2	92,5	89,6	87,9	102,9
Manufacture of refractory products	135,9	76,4	102,2	90,0	76,7	106,1
Manufacture of clay building materials	106,2	95,5	96,4	92,6	91,3	103,8
Manufacture of other porcelain and ceramic products	111,6	104,6	97,2	94,8	95,5	86,3
Manufacture of cement, lime and plaster	102,0	94,3	96,0	92,3	93,1	107,2
Manufacture of articles of concrete, cement and plaster	109,7	91,9	96,9	94,1	99,2	113,8
Manufacture of abrasive products and non-metallic mineral products	154,2	93,7	103,1	77,9	114,7	114,6

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

(percent of the previous year)

	2010	2012	2013	2014	2015	2016
Engineering, except repair and installation of machinery and equipment	141,3	96,7	86,8	79,4	85,9	102,0
Manufacture of computer, electronic and optical products	106,1	90,5	86,4	77,9	71,3	124,2
Manufacture of consumer electronics for sound and images acceptance, recording and playing	100,1	75,3	98,5	71,6	32,9	21,7
Manufacture of irradiation, electromedical and electrotherapeutic equipment	97,9	239,9	35,7	44,2	129,3	139,8
Manufacture of electrical equipment	160,0	87,7	91,1	100,9	89,8	100,9
Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	216,0	79,2	98,4	116,5	91,0	104,9
Manufacture of electric motors, generators and transformers	258,9	116,7	108,1	114,2	85,0	108,2
Manufacture of electricity distribution and control apparatus	149,7	54,9	85,1	120,9	101,6	100,0
Manufacture of batteries and accumulators	159,0	103,5	92,1	55,8	72,6	95,6
Manufacture of wiring and wiring devices	119,9	100,9	75,0	86,5	92,2	103,1
Manufacture of electric lighting equipment	130,2	100,0	98,0	87,8	83,3	103,7
Manufacture of domestic appliances	112,7	88,6	91,0	84,4	77,5	92,1
Manufacture of other electrical equipment	125,7	100,5	75,9	101,0	110,3	70,6
Manufacture of machinery and equipment n.e.c.	133,9	97,3	95,0	88,7	87,5	102,3
Manufacture of general-purpose machinery	123,0	99,5	109,8	87,6	89,3	88,9
Manufacture of other general-purpose machinery	155,8	95,6	92,5	97,0	91,1	115,3
Manufacture of agricultural and forestry machinery	215,4	81,9	87,6	86,8	104,4	115,0
Manufacture of metal forming machinery and machine tools	121,1	107,7	63,6	75,6	97,3	103,0
Manufacture of other special-purpose machinery	127,5	100,0	84,4	86,6	76,8	109,6
Manufacture of machinery for metallurgy	140,4	100,4	85,0	93,2	71,6	111,0
Manufacture of machinery for mining, quarrying and construction	95,6	107,8	81,8	82,0	66,7	108,0
Manufacture of machinery for food, beverage and tobacco processing	124,5	173,3	81,5	74,4	117,2	107,1
Manufacture of transport equipment, trailers and semi-trailers and other	152,6	100,5	79,6	64,3	85,0	98,4
Manufacture of motor vehicles, trailers and semi-trailers	125,7	87,7	89,3	90,3	118,6	99,1
Manufacture of motor vehicles	124,2	75,4	68,3	54,2	49,4	72,2
Manufacture of parts and accessories for motor vehicles	127,7	90,1	93,4	96,5	125,2	98,5
Manufacture of other transport equipment	158,2	102,7	78,2	59,9	76,3	98,1
Manufacture of railway locomotives and rolling stock	245,3	100,6	65,5	37,3	41,4	106,4

INDUSTRY

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

	2010		2013		2014		2015		2016	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Industry¹	1065850,5	100,0	1354130,1	100,0	1428839,1	100,0	1776603,7	100,0	2128866,8	100,0
Mining and quarrying	106055,1	10,0	154615,9	11,4	154700,8	10,8	191599,3	10,8	239140,0	11,2
Manufacturing	716400,6	67,2	836571,7	61,8	903735,3	63,3	1139213,2	64,1	1297662,5	61,0
Production of foodstuffs, beverages and tobacco products	193055,6	18,1	261783,7	19,3	302391,9	21,2	398023,2	22,4	459196,0	21,6
Textile industry, sewing of clothes, leather, leather articles and other materials	8425,4	0,8	9686,2	0,7	11510,0	0,8	17384,4	1,0	20020,0	0,9
Manufacture of products of wood, manufacture of paper and printing	27128,8	2,6	36109,7	2,7	43816,7	3,1	60146,2	3,4	69428,3	3,3
Manufacture of coke and refined petroleum products	75004,1	7,0	48905,4	3,6	47126,1	3,3	59971,7	3,4	67537,1	3,2
Manufacture of chemicals and chemical products	35503,0	3,3	52099,1	3,8	49808,2	3,5	68010,1	3,8	60103,8	2,8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	7404,3	0,7	12215,0	0,9	14595,8	1,0	20295,8	1,1	26061,9	1,2
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	46629,1	4,4	59698,8	4,4	64212,5	4,5	85969,9	4,8	106374,6	5,0
Manufacture of basic metals, manufacture of fabricated metal products, except machinery and equipment	200635,8	18,8	208225,4	15,4	237393,0	16,6	278502,8	15,7	317048,6	14,9
Engineering	99270,5	9,3	117301,9	8,7	101924,7	7,1	115261,7	6,5	130290,2	6,1
Manufacture of computer, electronic and optical products	7008,4	0,7	7637,3	0,6	8133,4	0,6	8772,9	0,5	12153,4	0,6
Manufacture of electrical equipment	16193,4	1,5	22353,9	1,6	21005,7	1,5	24038,5	1,3	26587,0	1,2
Manufacture of machinery and equipment n.e.c.	31222,4	2,9	36130,3	2,7	33524,8	2,3	41998,0	2,4	49562,0	2,3
Manufacture of transport equipment, trailers and semi-trailers and other	44846,3	4,2	51180,4	3,8	39260,8	2,7	40452,3	2,3	41987,8	2,0
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	23344,0	2,2	30546,5	2,3	30956,4	2,2	35647,4	2,0	41602,0	2,0
Electricity, gas, steam and air conditioning supply	221808,4	20,8	342352,8	25,3	351803,2	24,6	424705,2	23,9	568935,4	26,7
Water supply, sewerage, waste management and remediation	21586,4	2,0	20589,7	1,5	18599,8	1,3	21086,0	1,2	23128,9	1,1

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

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

(mln.t)

	Coal of hard ¹	Non-agglomerated fuel peat (conventional moisture)	Crude oil (including gas condensate natural)	Natural gas, liquified or gaseous, bln.cub.m	Non-agglomerated iron-ore concentrates
1990	...	1,6	5,3	28,1	77,9
2000	62,4	0,4	3,7	17,9	42,6
2010	55,0	0,4	3,6	20,5	64,3
2011	62,7	0,5	3,4	20,7	66,5
2012	65,7	0,4	3,3	20,5	67,1
2013	64,4	0,5	3,1	21,3	70,4
2014	45,9	0,5	2,7	20,1	68,3
2015	30,2	0,5	2,5	19,9	66,9
2016	31,6	0,5	2,3	20,1	62,9

¹ The recording started since 1996 (it includes enrichment product and ordinary coal shipped to customers without enrichment). In 2000, including white coal

17.10. Output of selected types of products by foodstuffs, beverages and light industry

(thsd.t)

	Rennet and processed cheese	Flour	Granulated sugar		Wine <i>Champagne</i> ¹ , mln.dal	Beer, mln.dal	Soft drinks, mln.dal	Carpeting, thsd.sq.m
			total	of which sugar beets				
1990	184	7671	6791	5388	3,7	138	151	3145
2000	67,5	3076	1780	1552	3,4	108	67,4	5189
2010	207	2632	1805	1546	4,2	310	148	5917
2011	178	2596	2586	2327	3,7	306	145	7615
2012	168	2605	2143	2143	3,3	301	144	8237
2013	165	2565	1262	1262	3,1	279	126	8546
2014	130	2358	2053	2053	2,6	246	116	6765
2015	124	2211	1459	1459	3,2	197	110	3644
2016	113	2085	2021	1997	3,0	183	118	3546

¹ In 1990 and 2000, including sparkling wines

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17.11. Production of selected types of paper and veneer wood, wood plates and panels

	Plywood, veneered panels and similar laminated wood ¹ , thsd.cub.m	Particle boards and similar boards of wood or other ligneous materials, unworked or sanded, mln. cub.m	Paper for toilet or facial tissue stock, towel or napkin stock, cellulose wadding and webs of cellulose fibres, thsd.t
1990	169	1,1	56,6
2000	56,3	0,2	57,2
2010	145	1,4	126
2011	174	1,5	131
2012	172	1,4	138
2013	179	1,4	146
2014	191	1,3	147
2015	186	1,3	135
2016	181	1,3	135

¹ In 1990, 2000, 2010, including bent and glued articles, back-rests and bottoms for furniture and excluding veneered panels and similar laminated materials

17.12. Output of coke and selected types of refined petroleum products

(mln.t)

	Coke and semi-coke of hard coal; gas coke	Primary oil processing (including gas condensate)	Petrol for motor vehicles with 0,013 hectolitre of lead content and less	Diesel fuel for motor vehicles and rail	Bitumen (including shale)
1990	34,7	59,0	8,4	12,7	2,5
2000	19,4	9,1	2,1	2,7	0,2
2010	18,6	10,9	2,9	3,7	0,5
2011	19,6	8,8	2,8	2,7	0,3
2012	18,9	4,3	1,6	1,4	0,2
2013	17,6	3,5	1,0	1,0	0,1
2014	13,9	2,8	0,7	0,8	0,1
2015	11,6	... ¹	... ¹	... ¹	0,02
2016	12,7	... ¹	... ¹	... ¹	0,03

¹ 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

17.13. Output of selected types of rubber and plastics products, manufacture of other non-metallic mineral products

	New pneumatic tyres, of rubber, of a kind used on buses, lorries or aircraft, thsd.pcs	Linoleum, floor coverings consisting of a coating or covering applied on a textile backing (excluding sheets and plates of linoleum compounds), mln.sq.m	Portland cement, aluminous cement, slag cement and similar hydraulic cements, mln.t	Articles made from asphalt or similar materials (asphalt oil, coal-tar asphalt), in terms of rolls, mln. sq.m
1990	3479	32,3	22,7	282
2000	... ¹	3,4	5,3	32,3
2010	225	14,5	9,5	45,3
2011	81,7	17,3	10,6	42,6
2012	106	16,5	9,8	32,4
2013	95,4	16,9	9,9	32,5
2014	86,4	14,4	8,6	27,0
2015	78,5	... ¹	8,5	27,8
2016	... ¹	... ¹	9,0	31,8

¹ See the footnote to Table 17.12

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17.14. Output of selected types of metallurgy industry

(mln.t)

	Pig iron and spiegeleisen in pigs, blocks or other primary forms	Steel without semi-finished products produced through continuous casting	Semi-finished products produced through continuous casting	Tubes and pipes, hollow profiles, of steel ¹
1990	41,9	48,5	4,1	6,5
2000	25,3	25,8	6,0	1,7
2010	27,3	17,5	15,8	2,0
2011	28,9	17,6	17,8	2,4
2012	28,5	16,6	16,9	2,2
2013	29,1	15,1	18,1	1,8
2014	24,8	12,7	14,7	1,6
2015	21,9	11,2	11,9	1,0
2016	23,6	11,2	13,2	1,0

¹ In 1990 and 2000, excluding hollow sections made of ferrous metals

17.15. Output of selected types of engineering

(thsd.pcs)

	Tractors for agriculture and forestry	Seeding machines	Television receivers, whether or not combined with radio- broadcast receivers or sound or video recording or reproduction apparatus	Electric lamps, mln.pcs	Washing machines and machines for drying clothes everyday ¹	Motor cars	Motor vehicles for the transport of 10 or more persons	Truck cranes, pcs	Bicycles and other cycles (including delivery tricycles), nonmotorised
1990	106	57,1	3774	411	788	156	12,7	3698	1984
2000	4,0	2,0	62,4	170	125	17,1	3,6	56	19,4
2010	5,2	2,8	69,3	197	167	75,3	2,8	... ²	111
2011	6,8	4,9	165	175	312	97,5	4,0	... ²	164
2012	5,3	2,7	391	171	297	69,7	3,7	... ²	138
2013	4,3	3,6	319	168	225	45,8	2,6	... ²	106
2014	4,1	3,0	438	160	220	25,9	1,0	... ²	103
2015	4,2	3,5	... ²	130	270	... ²	1,0	—	112
2016	4,9	4,4	... ²	115	356	... ²	0,6	—	128

¹ In 1990 and 2000, washing machines

² See the footnote to Table 17.12

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17.16. Output of industrial products, by type of activity

	2012	2013	2014	2015	2016
Mining and quarrying					
Coal of hard, mln.t	65,7	64,4	45,9	30,2	31,6
Crude oil, including oil obtained from bituminous minerals, mln.t	2,3	2,2	2,0	1,8	1,6
Gas condensate natural, supplied from natural gas field, mln.t	1,1	0,9	0,7	0,7	0,6
Natural gas, liquified or gaseous, bln.cub.m	20,5	21,3	20,1	19,9	20,1
Non-agglomerated iron ores, mln.t	176	185	184	175	168
Non-agglomerated iron concentrates, mln.t	67,1	70,4	68,3	66,9	62,9
Agglomerated iron concentrates, mln.t	64,6	67,6	60,2	55,2	56,7
Plaster and anhydrite, mln.t	2,2	2,2	1,6	1,3	1,3
Limestone flux, limestone and other calcareous stone used for the anufacture of lime or cement (excluding crushed limestone aggregate and calcareous dimension stone), mln.t	20,6	18,7	11,6	7,6	7,7
Chalk, mln.t	0,4	0,3	0,2	0,1	0,2
Silica sands (quartz sands or industrial sands), mln.t	3,3	3,1	2,6	2,2	2,3
Construction sands such as clayey sands; kaolinic sands; feldspathic sands (excluding silica sands, metal bearing sands), mln.t	13,0	12,5	9,4	10,0	12,0
Crushed stone of a kind used for concrete aggregates, for road metalling or for railway or other ballast (excluding gravel, pebbles, shingle and flint), mln.t	60,8	61,5	53,9	45,1	48,1
Kaolin, mln.t	1,2	1,2	1,4	1,8	2,3
Kaolinitic clays (ball and plastic clays), mln.t	0,5	0,9	1,2	0,8	0,6
Non-agglomerated fuel peat (conventional moisture), mln.t	0,4	0,5	0,5	0,5	0,5
Salt (including denatured salt) and pure sodium chloride, whether or not in aqueous solution or containing added anti-caking or free-flowing agents, mln.t	6,2	5,8	2,5	2,1	1,8
Production of foodstuffs, beverages					
Meat of bovine animals, fresh or chilled, thsd.t	61,8	62,8	55,9	50,7	60,9
Meat of bovine animals, frozen, thsd.t	16,2	25,4	17,4	20,7	15,2
Meat of swine, fresh or chilled, thsd.t	191	222	257	255	264
Meat of swine, frozen, thsd.t	13,3	10,6	14,5	15,7	12,2
Meat of poultry, fresh or chilled, thsd.t	691	778	710	713	753
Meat of poultry, frozen, thsd.t	75,5	139	159	181	248
Sausages, thsd.t	294	294	267	236	239
Prepared or preserved poultry meat, thsd.t	2,6	2,7	3,6	5,0	3,5
Pork products and cans, thsd.t	2,0	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	3,1	3,8	7,0	9,5	5,8
Fruit and vegetable juices (except mixtures), thsd.t	452	463	440	264	243
Blended fruit and vegetable juices, thsd.t	309	286	246	201	203
Natural canned vegetables, thsd.t	125	118	144	145	143
Jams, fruit jellies, fruit or nut purées and pastes, thsd.t	65,1	66,5	59,1	47,1	51,0
Crude sunflower-seed and safflower oil and their fractions (excluding chemically modified), thsd.t	3804	3403	4401	3716	4412
Margarine and similar products, thsd.t	328	283	271	192	187
Processed liquid milk (pasteurized, sterilized, homogenized, clarified, peptized), thsd.t	912	972	1117	972	961
Milk and cream fat content more than 6%, not concentrated or containing added sugar, thsd.t	36,1	51,5	68,2	61,8	64,5
Butter, thsd.t	88,6	94,3	114	102	103
Unripened or uncured cheese (fresh cheese) (including whey cheese and curd), thsd.t	79,0	83,7	74,7	67,8	70,1
Rennet and processed cheese, thsd.t	168	165	130	124	113
Yoghurt and other fermented or acidified milk or cream, thsd.t	489	522	473	426	426
Flour, thsd.t	2605	2565	2358	2211	2085
Cereals, thsd.t	365	367	350	358	373

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Table 17.16 continued

	2012	2013	2014	2015	2016
Bread and bakery products, short storage, thsd.t	1686	1561	1357	1232	1160
Cookies sweet and wafers, thsd.t	392	388	299	249	249
Macaroni, noodles and similar farinaceous products, thsd.t	106	102	103	89,5	85,3
Granulated white beet sugar, thsd.t	2143	1262	2053	1459	1997
Chocolate and food preparations containing cocoa (except sweetened cocoa powder), packing mass less than 2 kg, thsd.t	341	331	235	183	171
Sugar confectionery (including white chocolate) without cocoa content, thsd.t	218	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	54,9	53,9	52,5	36,3	29,0
Natural mineral spring waters, mln.dal	37,6	40,4	36,0	36,0	43,5
Fizzy natural mineral waters, mln.dal	97,1	88,6	82,6	72,8	73,0
Soft drinks, mln.dal	144	126	116	110	118
Manufacture of textiles, apparel, leather and related products					
Textiles, mln.sq.m	105,7	93,6	81,8	86,3	91,0
of which					
wool	6,1	6,8	... ¹	... ¹	... ¹
cotton	27,7	21,2	8,3	8,2	7,9
strands of synthetic and artificial complex with synthetic fibers and man-made staple	66,2	60,6	64,7	70,7	75,7
fleecy, terry and other special textiles	5,7	5,0	... ¹	... ¹	... ¹
Man-made or machine-made knitted fabrics, thsd.t	4,5	5,4	5,6	7,6	7,8
Bed linen, mln.pcs	10,3	9,7	9,6	9,8	9,8
Carpeting, mln.sq.m	8,2	8,5	6,8	3,6	3,5
Nonwoven fabrics and nonwoven fabric articles, thsd.t	20,0	19,0	19,7	19,5	21,6
Women's or girls' suits and ensembles, of knitted or crocheted textiles, thsd.pcs	294	572	498	103	165
Women's or girls' dresses, of knitted or crocheted textiles, thsd.pcs	1241	1086	1178	1287	1540
Men's or boys' coats, short coats, raincoats, cloaks, etc, thsd.pcs	365	342	286	318	329
Men's or boys' suits and ensembles of textile fabrics, not knitted or crocheted, thsd.pcs	494	418	317	347	437
Men's or boys' jackets and blazers, of textile fabrics, not knitted or crocheted, thsd.pcs	837	804	812	865	765
Women's or girls' overcoats, raincoats, etc, thsd.pcs	1525	1337	1142	925	938
Women's or girls' suits and ensembles of textile fabrics, not knitted or crocheted, thsd.pcs	307	198	148	197	207
Women's or girls' jackets and blazers of textile fabrics, not knitted or crocheted, mln.pcs	1,8	1,3	1,4	1,5	1,4
Women's or girls' dresses, not knitted or crocheted, mln.pcs	1,7	1,6	1,5	1,2	1,5
Women's or girls' skirts and divided skirts, not knitted or crocheted, thsd.pcs	1047	879	861	1011	960
Knitted underwear, mln.pcs	28,2	29,0	20,1	13,9	13,2
Men's or boys' shirts, not knitted or crocheted, mln.pcs	1,4	1,4	1,2	1,3	1,4
Women's or girls' blouses, shirts and shirt-blouses, of textile fabric not knitted or crocheted, mln.pcs	2,3	1,5	1,4	1,2	1,6
Tracksuits, ski-suits, swimwear and other garments, knitted or crocheted, thsd.pcs	613	707	912	915	930
Panty hose and tights, of knitted or crocheted synthetic fibres, measuring per single yarn < 67 decitex, mln. pairs	20,6	17,7	22,1	31,9	25,8
Knitted or crocheted hosiery and footwear (including socks), mln. pairs	41,7	41,1	36,6	48,2	50,7
Sweaters, jumpers, pullovers, waistcoats and similar knitted wear produced by knitting machines or handmade, mln.pcs	1,5	1,2	1,0	1,0	1,0
Traveling bags, suitcases road handbags-bag for cosmetics and toiletries, briefcases for documents, school bags and things like that are made of leather or of composition leather, patent leather, sheeting of plastics, of textile materials, aluminum and other materials, mln.pcs	3,3	3,6	2,2	1,9	2,1

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Table 17.16 continued

	2012	2013	2014	2015	2016
Ladies leather bags leather or of composition leather lacquer, plastic sheets, textile or other materials (including bags without handles), thsd.pcs	347	409	391	219	191
Footwear, mln. pairs	28,3	30,5	27,5	23,6	24,1
of which					
footwear with outer soles and uppers of rubber or plastics, other than waterproof or sports footwear	4,6	5,7	5,2	6,0	5,1
footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear	7,0	4,3	3,3	3,0	3,1
footwear with uppers of textile materials, other than sports footwear	12,1	15,9	15,1	11,3	12,1
Manufacture of wood and of products of wood and cork, except furniture					
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	1,8	1,9	2,2
Coniferous wood continuously shaped (including strips and friezes for parquet flooring, not assembled), thsd.t	7,1	9,1	11,3	14,1	13,5
Non-coniferous wood continuously shaped (including strips and friezes for parquet flooring, not assembled), thsd.t	42,8	50,4	53,2	69,1	63,9
Plywood, veneered panels and similar laminated wood, thsd.cub.m	172	179	191	186	181
Particle boards and similar boards of wood or other ligneous materials, unworked or sanded, mln.cub.m	1,4	1,4	1,3	1,3	1,3
Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness less or equal 6 mm, thsd.cub.m	110	118	135	167	190
Assembled parquet panels of wood for mosaic floors, thsd.sq.m	371	313	364	448	523
Windows, french windows and their frames, of wood, mln.pcs	0,9	1,3	1,0	1,0	0,9
Doors and their frames and thresholds, of wood, mln.pcs	1,0	1,5	1,2	1,1	0,9
Manufacture of paper and paper products, printing					
Graphic paper, paperboard: mechanical fibres ≤ 10%, weight ≥ 40 g/m ² but ≤ 150 g/m ² , in rolls, thsd.t	14,6	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	138	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	491	533	480	423	429
Corrugated paper and paperboard in rolls or sheets, thsd.t	159	168	146	149	149
Cartons, boxes and cases, of corrugated paper or paperboard, thsd.t	458	493	464	395	430
Folding cartons, boxes and cases, of non-corrugated paper or paperboard, thsd.t	84,6	102	92,7	78,5	81,2
Toilet paper (in rolls of a width of 36 cm or less or cut to size or shape), thsd.t	104	111	115	102	104
Exercise-books, of paper or paperboard, thsd.t	13,2	14,6	10,5	10,1	10,0
Wallpaper and similar wall coverings; window transparencies of paper, thsd.t	117	119	117	56,9	45,0
Printed newspapers, journals and periodicals, appearing at least four times a week, thsd.t	19,4	11,2	9,7	6,5	4,4
Printed newspapers, journals and periodicals, appearing less than four times a week, thsd.t	141	104	81,4	55,1	52,6
Printed books, brochures, leaflets and similar printed matter, in single sheets, thsd.t	6,4	5,3	4,2	5,0	6,5
Production of coke, refined petroleum products					
Coke-oven coke of coking coal; gas coke, mln.t	18,9	17,6	13,9	11,6	12,7
Pitches coal, lignite or peat; other mineral resin, thsd.t	849	796	615	498	565
Primary oil processing (including gas condensate), mln.t	4,3	3,5	2,8	... ¹	... ¹

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Table 17.16 continued

	2012	2013	2014	2015	2016
Petrol for motor vehicles with 0,013 g/L of lead content and less, mln.t	1,6	1,0	0,7	... ¹	... ¹
Diesel fuel for motor vehicles and rail, mln.t	1,4	1,0	0,8	... ¹	... ¹
Heavy fuel oil, mln.t	0,8	0,7	0,5	0,1	0,1
Petroleum oils and oils; petroleum distillates, heavy, thsd.t	101	159	80,9	73,5	90,1
Liquefied propane and butane, thsd.t	563	500	440	341	316
Bitumen (including shale), thsd.t	178	123	118	24,2	27,3
Chemical and petrochemical industry					
Disperse dyes and preparations based thereon, thsd.t	1,7	2,0	2,2	2,4	2,6
Other synthetic organic colouring matters, thsd.t	4,6	5,2	3,2	5,1	5,7
Metalloids, thsd.t	117	112	76,8	71,3	86,4
Sulphuric acid; oleum, mln.t H ₂ SO ₄	0,9	0,9	0,6	0,5	0,5
Benzene, 95% neat content percentage by mass and more, thsd.t	117	124	101	42,1	32,5
Undenatured ethyl alcohol of alcoholic strength by volume of more equal 80% of turns, mln.dal	17,3	18,8	13,9	10,9	10,0
Anhydrous ammonia, mln.t N	4,1	3,5	2,4	2,2	1,7
Urea, mln.t N	1,8	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	0,9	0,8	0,5	0,4	0,5
Polymers of ethylene, in primary forms, thsd.t	75,3	13,2	1,9	2,7	4,7
Polymers of vinyl chloride or of other halogenated olefins, in primary forms, thsd.t	191	88,6	61,7	46,4	60,0
Urea resins, thiourea resins and melamine resins, in primary forms, thsd.t	164	153	157	129	88,2
Polyurethanes, in primary forms, thsd.t	18,9	21,3	20,6	17,3	18,7
Paints and varnishes, based on acrylic or vinyl polymers dispersed or dissolved in an aqueous medium (including enamels and lacquers), thsd.t	70,1	73,5	66,7	60,7	74,6
Other paints, varnishes dispersed or dissolved in an aqueous medium, thsd.t	16,1	16,0	15,9	18,5	17,2
Paints and varnishes based on polyesters, acrylic or vinyl polymers, in a non-aqueous medium; solutions, thsd.t	102	92,8	79,6	57,2	65,6
Soap and organic surface-active products in bars, etc., n.e.c., thsd.t	14,0	13,9	13,8	10,7	12,9
Washing preparations and cleaning preparations, with or without soap, p.r.s. including auxiliary washing preparations excluding those for use as soap, surfaceactive preparations, thsd.t	251	266	255	190	186
Polishes and creams, for footwear, furniture, floors, coachwork, glass or metal, thsd.t	1,2	1,3	1,2	0,9	1,6
Beauty, make-up and skin care preparations including suntan (excluding medicaments, lip and eye make-up, manicure and pedicure preparations, powders for cosmetic use and talcum powder), thsd.t	7,8	7,4	5,8	5,2	5,6
Preparations for oral or dental hygiene (including denture fixative pastes and powders), dental floss, t	251	177	168	67	103
Shaving preparations; personal deodorants and antiperspirants; bath preparations; other perfumery, cosmetic or toilet preparations, other, thsd.t	61,0	69,0	83,6	57,5	53,6
Other synthetic filament yarn, single, thsd.t	6,4	5,0	4,3	3,5	3,6
Synthetic monofilament; strip and the like, of synthetic textile materials, thsd.t	6,4	7,6	6,8	7,8	8,9
Manufacture of basic pharmaceutical products and pharmaceutical preparations					
Medicaments, containing penicillins or other antibiotics, t	939	1100	1332	1270	1234
Medicaments, containing hormones, but not antibiotics, t	114	130	187	118	131
Medicaments, containing alkaloids or derivatives thereof, but not hormones or antibiotics, thsd.t	43,4	49,7	46,8	43,8	48,5
Preparations for X-ray contrast examinations, diagnostic reagents for administration to patients, t	49,1	37,0	38,3	52,9	62,6

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Table 17.16 continued

	2012	2013	2014	2015	2016
Manufacture of rubber and plastics products					
New pneumatic tyres, of rubber, of a kind used on buses, lorries or aircraft, thsd.pcs	106	95,4	86,4	78,5	... ¹
Agrarian tyres; other new pneumatic tyres, of rubber, thsd.pcs	186	181	213	134	... ¹
Rubber compounded with carbon black or silica, unvulcanised, thsd.t	3,0	3,6	2,7	2,3	3,1
Other compounded rubber, unvulcanised, in primary forms or in plates, sheets or strip, thsd.t	4,4	3,9	2,4	2,1	1,7
Rubber hose reinforced with textiles, thsd.t	1,4	1,1	1,2	1,1	1,6
Rubber hose assemblies, thsd.t	0,7	0,7	0,4	0,3	0,4
Conveyor or transmission belts or belting, of vulcanised rubber, thsd.t	6,6	6,8	4,3	3,1	7,0
Plates, sheets, film, foil and strip, of plastics, not supported or similarly combined with other materials, thsd.t	205	223	184	173	173
Sacks and bags (including cones), of polymers of ethylene (excluding of synthetic fibres), thsd.t	75,0	74,0	50,7	47,5	53,9
Linoleum, floor coverings consisting of a coating or covering applied on a textile backing (excluding sheets and plates of linoleum compounds), mln.sq.m	16,5	16,9	14,4	... ¹	... ¹
Tableware and kitchenware of plastic, thsd.t	8,2	9,1	6,8	7,3	8,5
Household articles and toilet articles, of plastics (excluding tableware, kitchenware, baths, shower-baths, washbasins, bidets, lavatory pans, seats and covers, flushing cisterns and similar sanitary ware), thsd.t	8,6	9,0	7,4	5,8	6,6
Production of other non-metallic mineral products					
Multiple-walled insulating units of glass, mln.sq.m	3,5	3,5	2,2	2,1	2,4
Glass preserving jars, stoppers, lids and other closures (including stoppers and closures of any material presented with the containers for which they are intended), thsd.t	211	189	215	164	164
Bottles of colourless glass of a nominal capacity less 2,5 litres, for beverages and foodstuffs (excluding bottles covered with leather or composition leather, infant's feeding bottles), bln.pcs	1,5	1,4	1,3	1,2	1,4
Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods, other than of siliceous fossil meals or earths, thsd.t	396	334	299	241	231
Ceramic slabs and tiles, mln.sq.m	62,2	57,3	50,6	44,7	45,4
Non-refractory clay building bricks (excluding of siliceous fossil meals or earths), mln.cub.m	2,1	2,2	2,2	2,2	2,2
Porcelain or china tableware and kitchenware (excluding electro-thermic apparatus, coffee or spice mills with metal working parts), thsd.t	4,9	2,6	0,2	1,0	1,3
Portland cement, aluminous cement, slag cement and similar hydraulic cements, mln.t	9,8	9,9	8,6	8,5	9,0
Quicklime, mln.t	4,0	3,7	2,8	2,5	2,5
Slaked lime, mln.t	0,4	0,2	0,3	0,2	0,3
Blocks and bricks of cement, artificial stone or concrete meant for building, mln.t	3,3	3,0	3,0	3,4	3,6
Elements (cement, concrete or artificial stone) of prefabricated structures for construction, mln.t	4,9	4,7	3,9	4,4	4,9
Ready-mixed concrete, mln.t	14,4	15,5	12,3	12,5	15,7
Factory made mortars (except concrete solutions ready for use), mln.t	2,0	1,8	1,6	1,6	1,8
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	396	358	202	133	147
Articles of asphalt or of similar materials, e.g. petroleum bitumen or coal tar pitch, in rolls, mln.sq.m	32,4	32,5	27,0	27,8	31,8
Slag wool, rock wool and similar mineral wools and mixtures thereof, in bulk, sheets or rolls, thsd.t	139	155	175	177	182

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Table 17.16 continued

	2012	2013	2014	2015	2016
Manufacture of basic metals					
Pig iron and spiegeleisen in pigs, blocks or other primary forms, mln.t	28,5	29,1	24,8	21,9	23,6
Ferro-manganese, thsd.t	164	88,6	104	100	184
Ferro-silicon, thsd.t	150	191	168	115	127
Ferro-silico-manganese, thsd.t	823	725	961	750	877
Other ferro alloys n.e.c., thsd.t	142	137	129	114	106
Steel without semi-finished products produced through continuous casting, mln.t	16,6	15,1	12,7	11,2	11,2
Semi-finished products produced through continuous casting, mln.t	16,9	18,1	14,7	11,9	13,2
Finished rolled ferrous metals, mln.t	18,4	17,8	14,3	12,1	13,3
Tubes and pipes, hollow profiles, of steel, mln.t	2,2	1,8	1,6	1,0	1,0
Not closed profiles obtained by cold pressing or bending, steel non-alloy, thsd.t	141	132	128	112	134
Cold-profiled (ribbed) sheets, of non-alloy steel, thsd.t	231	183	127	118	159
Cold drawn wire of non alloy steel, thsd.t	371	377	314	264	298
Prefabricated construction metal elements, thsd.t	81,1	76,6	51,8	47,0	51,9
Other structures, parts of structures, plates, panels and similar products of iron or aluminium, thsd.t	564	452	326	223	258
Central heating radiators and parts thereof without electric heating produced from ferrous metals, thsd.t	16,4	20,3	9,9	2,5	4,9
Boilers for central heating other than those of HS, thsd.pcs	308	272	277	249	170
Reservoirs, tanks, vats and similar containers (other than for compressed or liquefied gas), of iron, steel or aluminium, of a capacity more 300 litres, not fitted with mechanical or thermal equipment, thsd.t	28,2	20,5	12,9	9,6	12,4
Super-heated water boilers (excluding central heating hot water boilers capable of producing low pressure steam), thsd.pcs	4,2	3,1	... ¹	3,5	4,3
Threaded fasteners, of iron or steel, thsd.t	52,2	41,9	39,6	31,4	31,5
Engineering					
Semiconductor devices; light-emitting diodes; mounted piezoelectric crystals; parts thereof, mln.pcs	12,1	9,8	3,1	1,4	3,0
Television receivers, whether or not combined with radio-broadcast receivers or sound or video recording or reproduction apparatus, thsd.pcs	391	319	438	... ¹	... ¹
Thermometers, liquid-filled, for direct reading, not combined with other instruments (excluding clinical or veterinary thermometers), mln.pcs	2,5	3,1	3,1	2,6	3,3
Non-electronic hydro-, hygro-, psychrometers (including hygrometers, thermo-hygrometers, baro-thermo-hygrometers, actinometers, pagoscopes; excluding radio-sondes for atmospheric soundings), mln.pcs	0,9	1,1	1,1	1,4	1,4
Instruments and apparatus for physical or chemical analysis, mln.pcs	1,8	1,5	1,1	0,7	0,6
Liquid supply or production meters (including calibrated) (excluding pumps), mln.pcs	1,5	1,2	1,3	1,6	1,1
Electricity meters (including calibrating (excluding voltmeters, ammeters, wattmeters, etc), mln.pcs	1,9	1,7	1,5	0,8	0,9
Automatic regulating or controlling instruments and apparatus, hydraulic or pneumatic, thsd.pcs	36,1	26,1	19,4	7,8	8,0
Thermostats, manostats and other automatic regulating or controlling instruments and apparatus, thsd.pcs	91,2	92,9	84,6	61,1	254
Motors of an output less or equal 37,5 W; other DC motors; DC generators, thsd.pcs	54,1	41,9	30,8	18,2	16,6
AC motors, single-phase, thsd.pcs	121	106	97,1	71,6	70,5
AC motors, multi-phase, of an output less or equal 750 W, thsd.pcs	125	78,0	71,2	127	146
AC motors, multi-phase, of an output more 750 W but less or equal 75 kW, thsd.pcs	53,9	35,5	24,8	30,6	39,5
Other transformers, having a power handling capacity less or equal 16 kV·A, mln.pcs	4,5	4,7	6,1	7,1	8,5
Inductors (excluding induction coils, deflection coils for cathode-ray tubes, for discharge lamps and tubes), mln.pcs	1,3	1,5	1,8	1,7	0,01

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Table 17.16 continued

	2012	2013	2014	2015	2016
Fuses for a voltage more than 1 kV, thsd.pcs	198	180	...	143	...
Other apparatus for switching electrical circuits more than 1 kV, thsd.pcs	191	150	30,4	20,4	31,1
Fuses for a voltage less or equal 1 kV and for a current more than 63 A, mln.pcs	5,3	2,5	1,6	1,2	0,2
Automatic circuit breakers for a voltage less or equal 1 kV and for a current less or equal 63 A, mln.pcs	2,0	1,9	1,5	1,2	2,8
Relays and contactors for a voltage more than 60 V but less or equal 1 kV, mln.pcs	5,9	3,5	3,2	3,2	3,8
Lead-acid accumulators for starting piston engines, mln.pcs	5,8	5,2	2,9	1,9	1,7
Winding insulated wire, thsd.t	12,7	10,5	5,4	5,2	8,1
Other electric conductors, for a voltage less or equal 1000 V, thsd.t	154	143	140	133	121
Other electric conductors, for a voltage more than 1 kV (excluding winding wire, coaxial cable and other coaxial electric conductors, ignition and other wiring sets used in vehicles, aircraft, ships), thsd.t	24,3	18,2	12,6	9,1	7,5
Electrical apparatus for switching electrical circuits for a voltage less or equal 1 kV (including push-button and rotary switches) (excluding relays), mln.pcs	9,4	7,9	12,7	17,2	18,5
Lamp-holders, for a voltage less or equal 1 kV, mln.pcs	9,8	8,5	8,6	8,9	12,1
Plugs, sockets and other apparatus for switching or protecting electrical circuits n.e.c., mln.pcs	38,8	35,3	32,6	23,6	20,5
Electric lamps, mln.pcs	171	168	160	130	115
Chandeliers and other electric ceiling or wall lighting fittings (excluding those used for lighting public open spaces or thoroughfares), mln.pcs	2,3	2,2	1,5	1,3	1,7
Electric lamps and lighting fittings, of plastic and other materials, of a kind used for filament lamps and tubular fluorescent lamps, thsd.pcs	140	371	603	719	1043
Washing machines and machines for drying clothes, everyday, thsd.pcs	297	225	220	270	356
Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output less than 125 W, mln.pcs	3,1	3,1	3,1	2,9	3,3
Electric water heaters and immersion heaters (excluding instantaneous water heaters), mln.pcs	2,0	1,7	1,5	1,1	1,3
Electric radiators, convection heaters and heaters or fires with built-in fans, thsd.pcs	300	369	508	704	709
Other electric space heaters, thsd.pcs	275	337	411	55,8	77,1
Electric cooking plates, boiling rings and hobs for domestic use, thsd.pcs	344	344	343	214	215
Linear acting hydraulic and pneumatic power engines and motors (cylinders), mln.pcs	1,1	1,3	0,1	0,1	0,1
Submersible motor, single-stage rotodynamic drainage and sewage pumps, thsd.pcs	78,8	67,2	57,0	68,4	68,3
Submersible motor, multi-stage rotodynamic pumps, thsd.pcs	127	126	122	115	124
Ball or roller bearings, thsd.t	27,8	20,6	14,9	9,7	9,0
Ovens and electric ovens for confectioneries, pcs	160	110	53	156	169
Bridge cranes on fixed bearings, pcs	117	133	101	78	56
Mobile cranes, gantry cranes and bridge cranes, pcs	190	136	112	59	107
Pneumatic and other continuous action elevators and conveyors, for goods or materials, thsd.pcs	4,5	4,1	5,0	3,7	5,0
Refrigeration and freezing equipment and heat pumps, except household type equipment, thsd.pcs	226	265	39,7	94,8	111
Tractors for agriculture and forestry, thsd.pcs	5,3	4,3	4,1	4,2	4,9
Moldboard plows, thsd.pcs	13,1	2,4	2,0	2,1	2,4
Rippers and cultivators, thsd.pcs	4,7	4,4	3,7	3,4	3,7

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Table 17.16 continued

	2012	2013	2014	2015	2016
Disk harrows, thsd.pcs	1,6	2,0	2,0	2,3	2,8
Besides disk harrow, thsd.pcs	7,5	7,8	7,9	5,8	8,7
Seeding machines, thsd.pcs	2,7	3,6	3,0	3,5	4,4
Mowers, including cutter bars, designed to be carried on or hauled by a tractor, thsd.pcs	2,2	2,3	2,6	2,5	3,5
Grain harvester combines, pcs	59	68	... ¹	100	154
Sprayers and powder distributors designed to be mounted on or drawn by agricultural tractors (excluding watering appliances), pcs	1099	831	804	800	821
Machines and mechanisms for feed preparation for animals, thsd.pcs	123	102	98,7	63,2	75,6
Lathes, grinders, drillers, milling machines, pcs	108	117	66	38	39
Forging or die-stamping machines and hammers; hydraulic presses and presses for working metal, pcs	51	11	7	8	6
Machine tools for working wood, cork, bone, hard rubber, similar hard materials, thsd.pcs	2,0	1,3	1,0	1,2	1,2
Converters and casting machines, casting forms and buckets used in metallurgy and foundry production, thsd.pcs	5,1	2,7	0,8	0,4	0,3
Rollers for rolling mills, thsd.pcs	10,2	8,0	6,6	4,4	5,1
Elevators, conveyers and lifts of continuous, operation for underground working, pcs	591	422	211	53	53
Boring and sinking machines, thsd.pcs	1,9	0,9	0,5	0,3	0,1
Front bucket loaders, special loaders for underground work, pcs	78	35	18	... ¹	... ¹
Excavating machines, pcs	78	48	... ¹	32	46
Concrete mixers and mortar mixers, thsd.pcs	7,3	7,0	6,0	4,8	5,9
Bakery machinery (excluding ovens and dough rollers), thsd.pcs	3,7	2,5	1,8	1,5	1,6
Machines and equipment for producing confectionery, cocoa or chocolate, thsd.pcs	1,9	3,8	0,4	0,2	0,2
Machines and equipment for sugar production, thsd.pcs	0,9	1,1	0,4	0,7	1,1
Machines and equipment for processing meat and poultry, thsd.pcs	33,6	18,9	10,3	11,1	11,4
Motor cars, thsd.pcs	69,7	45,8	25,9	... ¹	... ¹
of which vehicles with spark-ignition engine of a cylinder capacity equal less than 1500 cub.cm, new	42,6	25,5	15,3	... ¹	... ¹
Trucks, thsd.pcs	2,9	2,0	1,2	1,4	0,4
Motor vehicles for the transport of 10 or more persons, thsd.pcs	3,7	2,6	1,0	1,0	0,6
Other trailers and semi-trailers for the transport of goods, thsd.pcs	21,7	29,2	34,3	35,4	26,3
Inflatable vessels for pleasure or sports, thsd.pcs	28,8	36,6	34,7	34,8	18,4
Railway or tramway goods vans and wagons, not self-propelled, thsd.pcs	47,8	25,3	6,2	1,4	2,9
Bicycles and other cycles (including delivery tricycles), nonmotorised, thsd.pcs	138	106	103	112	128
Invalid carriages, excluding parts and accessories, thsd.pcs	27,3	24,4	17,3	18,9	15,1
Production of furniture					
Seats, primarily with metal frames, mln.pcs	4,8	5,2	4,5	3,3	2,9
Furniture for sitting (mainly with wood frame), mln.pcs	1,9	1,8	1,9	1,5	1,2
Office furniture, furniture for retail trade enterprises, mln.pcs	1,8	1,8	1,6	1,5	1,5
Kitchen furniture, mln.pcs	1,1	1,3	1,1	0,9	1,1
Wood furniture for furnishing quarter interior, mln.pcs	1,7	1,7	1,5	1,5	1,5
Supply of electricity, gas, steam and conditioned air					
Electricity, bln. kW·h	198,9	194,4	182,8	163,7	164,6
of which produced by					
heat power plants	97,1	95,5	83,5	67,5	72,9
nuclear power plants	90,1	83,2	88,4	87,6	81,0
hydro power plants	11,0	14,5	9,3	7,0	9,3
wind power plants	0,3	0,6	1,1	1,1	1,0
solar power plants	0,3	0,6	0,4	0,5	0,5

¹ See the footnote to Table 17.12

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17.17. Per capita basic foodstuffs production

(kg)

	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 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 purees and pastes	1,4	1,5	1,4	1,1	1,2
Crude sunflower-seed and safflower oil and their fractions (excluding chemically modified)	83,4	74,8	102	86,7	103
Margarine and similar products	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) without cocoa content	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
Fizzy natural mineral 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

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17.18. Output of dairy products, by type

(thsd.t)

	2012	2013	2014	2015	2016
Milk and powder cream	63,1	53,8	66,7	60,9	59,1
Unripened or uncured cheese (fresh cheese) (including whey cheese and curd)	79,0	83,7	74,7	67,8	70,1
Rennet and processed cheese	168	165	130	124	113
including					
grated, powdered, blue-veined and other non-processed cheese (excluding fresh cheese, whey cheese and curd)	147	141	105	96,6	86,4
of which					
hard	139	134	98,4	89,7	79,3
soft	2,9	3,1	3,0	3,9	4,0
brine	3,6	4,1	3,6	2,9	3,1
spread, not grated and not in powder	21,5	24,1	25,4	27,0	26,2
Milk and cream, concentrated or containing added sugar or other sweetening matter, other than in solid forms	66,1	58,5	53,9	51,7	41,1
Ice cream and other edible ice (including sherbet, lollipops, excluding mixes and bases for ice cream), mln.l	182	173	146	136	149

17.19. Output of sausages, by type

(thsd.t)

	2012	2013	2014	2015	2016
Total	294	294	267	236	239
including					
liver sausages and similar products and food preparations based thereon (excluding prepared meals and dishes)	6,2	7,0	6,9	7,2	6,2
boiled sausages, frankfurters	188	190	171	151	155
semi-smoked sausages	54,9	52,1	47,3	42,7	40,4
boiled and smoked, half-dry, jerking, summer sausages including salami	23,5	25,6	24,9	21,6	23,9
smoked and baked sausages	8,7	7,0	5,5	3,6	3,2

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17.20. Output of alcoholic beverages and tobacco products

(mln.dal)

	2012	2013	2014	2015	2016
Cognacs, brandy	4,6	4,5	2,6	3,0	2,8
Vodka of an alcoholic strength by volume of less than 45,4%	33,8	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, Vodka of an alcoholic strength by volume no more than 45,4%, spirits distilled from fruit) (important: excluding alcohol duty) ¹	11,5	11,5	10,4	8,7	5,3
Sparkling wine <i>Champagne of Ukraine</i>	3,3	3,1	2,6	3,2	3,0
Grape wine	12,8	11,7	7,2	8,0	9,0
Beer made from malt (excluding non-alcoholic beer, beer containing less than 0,5% by volume of alcohol, alcohol duty)	297	274	242	195	181
Non-alcoholic beer and beer containing of less than 0,5%	4,0	4,5	3,3	2,5	2,6
Cigarettes with tobacco or tobacco mixtures with tobacco substitutes, bln.pcs	93,9	86,1	86,0	92,9	98,2
Other manufactured tobacco and substitutes; homogenised or reconstituted tobacco; tobacco extracts and essences, thsd.t	2,7	2,7	10,1	... ²	... ²

¹ Including low-alcohol beverages

² See the footnote to Table 17.12

17.21. Output of confectionery products, by type

(thsd.t)

	2012	2013	2014	2015	2016
Chocolate and food preparations containing cocoa (except sweetened cocoa powder), packing mass less than 2 kg	341	331	235	183	171
including					
chocolates (excluding those containing alcohol, in blocks, slabs or bars)	143	130	86,4	59,5	52,3
sugar confectionery and substitutes therefor made from sugar substitution products, containing cocoa (including chocolate nougat) (excluding white chocolate)	117	105	83,5	77,2	69,7
chocolate spreads	2,3	2,7	2,5	1,5	2,2
Sugar confectionery (including white chocolate), not containing cocoa	218	202	186	190	182
including					
gums, fruit jellies and fruit pastes in the form of sugar confectionery (excluding chewing gum)	50,7	43,8	39,1	39,0	39,7
boiled sweets	35,8	34,3	26,6	27,3	29,3
toffees, caramels and similar sweets	85,1	74,4	70,5	83,7	75,6

INDUSTRY

17.22. Output of sausages, by region*(thsd.t)*

	2005	2010	2012	2013	2014	2015	2016
Ukraine	308,8	283,1	294,4	294,2	267,0	236,0	238,9
Autonomous Republic of Crimea	3,7	20,4	18,3	14,6
oblasts							
Vinnitsya	4,9	4,9	5,6	6,0	5,6	5,6	5,9
Volyn	13,9	14,8	15,9	13,6	13,3	10,6	9,0
Dnipropetrovsk	46,0	44,0	47,2	52,3	53,2	55,5	57,9
Donetsk	67,7	37,6	45,7	47,8	34,7	27,1	38,8
Zhytomyr	4,2	8,4	10,1	10,7	16,0	17,0	17,3
Zakarpattia	0,8	... ¹	... ¹	... ¹	0,6	0,7	1,0
Zaporizhzhya	9,4	11,5	10,0	11,2	13,2	12,9	12,1
Ivano-Frankivsk	3,2	2,4	1,9	1,6	1,3	1,7	1,3
Kyiv	23,7	10,1	7,9	6,4	6,5	6,0	5,8
Kirovohrad	14,6	18,8	21,1	20,8	21,6	20,2	17,7
Luhansk	19,6	17,3	18,6	18,1	8,3	... ¹	... ¹
Lviv	3,6	5,1	5,2	6,2	7,1	6,4	6,6
Mykolayiv	2,6	2,4	1,0	0,9	1,1	1,3	1,2
Odesa	8,6	7,7	7,3	7,4	6,9	5,6	4,7
Poltava	20,3	32,7	38,5	38,7	41,2	36,9	33,8
Rivne	3,0	2,9	1,3	1,1	0,9	0,7	0,7
Sumy	5,0	1,2	1,2	1,2	1,3	1,3	1,1
Ternopil	1,2	1,2	1,0	1,0	0,8	0,6	0,6
Kharkiv	12,9	20,0	17,4	18,0	18,7	15,2	14,3
Kherson	0,3	... ¹	... ¹	... ¹	0,1	... ¹	... ¹
Khmelnyskiy	6,0	6,0	6,4	6,8	7,0	4,1	3,7
Cherkasy	5,1	2,2	2,0	1,9	1,7	1,9	1,5
Chernivtsi	6,5	6,5	6,3	4,5	3,5	2,4	1,8
Chernihiv	3,1	1,6	1,2	1,3	1,3	1,3	1,3
cities							
Kyiv	16,4	1,4	0,9	0,5	1,1	1,1	0,6
Sevastopol	2,5	... ¹	... ¹	... ¹

¹ See the footnote to Table 17.12

INDUSTRY

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

(thsd.t)

	2005	2010	2012	2013	2014	2015	2016
Ukraine	1381,0	2990,4	3803,6	3402,9	4400,8	3715,8	4411,9
of which							
Autonomous Republic of Crimea	1,4	0,2	0,3	0,6
oblasts							
Vinnitsya	37,7	108,8	168,3	244,0	376,6	351,7	451,3
Volyn	0,0	—	... ¹	... ¹	... ¹	... ¹	—
Dnipropetrovsk	96,5	210,0	237,5	201,8	296,4	288,1	300,7
Donetsk	296,6	387,7	388,4	364,2	322,1	154,0	120,0
Zhytomyr	0,1	0,0	0,3	0,1	... ¹	0,1	0,1
Zakarpattia	0,0	—	—	—	—	—	—
Zaporizhzhya	240,0	427,6	600,1	444,7	622,8	590,9	608,4
Ivano-Frankivsk	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Kyiv	51,0	125,8	119,5	109,9	119,0	115,1	108,9
Kirovohrad	160,2	353,7	519,5	669,5	765,7	446,6	586,2
Luhansk	56,2	64,4	59,4	72,9	97,9	91,5	85,5
Lviv	... ¹	—	... ¹	... ¹	... ¹	—	... ¹
Mykolayiv	29,8	84,9	327,7	250,3	297,7	255,4	466,7
Odesa	128,1	375,8	482,5	335,2	515,4	529,2	754,5
Poltava	88,4	187,9	215,4	177,0	232,6	226,4	230,3
Rivne	1,1	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Sumy	2,1	3,3	2,0	0,3	8,7	9,3	11,3
Ternopil	... ¹	0,2	... ¹	3,6	5,4	4,0	7,5
Kharkiv	133,6	347,1	333,9	244,0	355,7	293,0	300,4
Kherson	33,8	181,2	202,7	149,1	208,3	201,5	205,2
Khmelnyskiy	0,1	0,1	0,2	0,2	0,2	0,1	0,1
Cherkasy	4,5	73,8	78,7	78,4	85,3	75,1	70,7
Chernivtsi	15,7	51,1	59,3	46,2	66,1	62,9	54,5
Chernihiv	3,4	6,6	7,3	6,2	15,9	20,1	24,4
city							
Sevastopol	—	... ¹	—	—

¹ See the footnote to Table 17.12

INDUSTRY

17.24. Output of processed liquid milk (pasteurized, sterilized, homogenized, clarified, peptized), by region

(thsd.t)

	2005	2010	2012	2013	2014	2015	2016
Ukraine	863,6	801,4	911,6	971,8	1116,5	971,7	960,5
Autonomous Republic of Crimea	8,4	10,6	7,7	7,2
oblasts							
Vinnitsya	291,2	259,9	319,2	304,3	387,0	350,3	344,2
Volyn	26,6	20,2	2,3	... ¹	... ¹	... ¹	... ¹
Dnipropetrovsk	47,7	62,2	54,9	47,1	48,3	44,3	47,7
Donetsk	37,8	47,7	40,4	39,5	37,9	6,1	4,4
Zhytomyr	4,8	13,0	130,2	150,6	207,8	183,3	187,0
Zakarpattia	3,3	... ¹	... ¹	—	—	—	—
Zaporizhzhya	11,1	20,6	32,2	35,7	40,3	32,2	20,4
Ivano-Frankivsk	8,9	5,1	5,4	4,8	5,2	5,0	5,4
Kyiv	69,1	102,2	93,8	99,7	115,4	135,6	136,5
Kirovohrad	... ¹	... ¹	... ¹	0,2	... ¹	... ¹	... ¹
Luhansk	55,6	9,6	12,7	19,9	12,5	2,8	3,3
Lviv	26,3	21,4	32,8	32,9	24,1	13,2	8,8
Mykolayiv	15,7	9,2	13,6	17,3	16,0	10,9	10,3
Odesa	15,2	16,7	5,6	4,1	4,0	4,6	5,3
Poltava	36,8	36,3	41,3	41,5	39,6	45,4	42,4
Rivne	6,7	4,5	5,7	14,9	22,6	8,2	12,5
Sumy	32,7	19,3	7,2	... ¹	... ¹	... ¹	... ¹
Ternopil	16,9	49,9	25,4	27,2	27,3	28,6	30,2
Kharkiv	35,1	35,3	31,9	31,1	27,5	32,2	30,5
Kherson	11,2	10,9	6,5	12,2	21,4	13,8	15,5
Khmelnyskiy	20,8	9,8	8,7	14,1	21,2	15,2	15,3
Cherkasy	13,7	... ¹	9,5	20,2	22,2	16,9	... ¹
Chernivtsi	... ¹	—	... ¹	... ¹	0,2	0,3	0,6
Chernihiv	17,1	7,8	7,4	11,3	13,5	7,5	9,4
cities							
Kyiv	47,6	23,0	... ¹	... ¹	... ¹	... ¹	... ¹
Sevastopol	... ¹	—	—	—

¹ See the footnote to Table 17.12

INDUSTRY

17.25. Production of rennet and processed cheese, by region

(thsd.t)

	2005	2010	2012	2013	2014	2015	2016
Ukraine	273,8	207,0	168,1	165,4	130,4	123,6	112,6
of which							
Autonomous Republic of Crimea	... ¹	1,0	0,3	0,1
oblasts							
Vinnitsya	17,1	8,2	6,6	8,9	11,3	13,2	8,3
Volyn	8,5	... ¹	... ¹	—	... ¹	—	0,0
Dnipropetrovsk	3,3	0,8	1,6	2,8	1,8	1,2	1,1
Donetsk	1,6	1,1	1,4	1,5	1,4	0,8	0,7
Zhytomyr	23,6	4,2	6,6	7,3	8,8	8,4	6,2
Zakarpattia	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Zaporizhzhya	21,7	13,0	2,4	0,9	0,6	0,4	0,3
Ivano-Frankivsk	4,8	4,5	0,4	0,3	0,3	0,1	0,1
Kyiv	3,6	1,2	1,8	2,0	2,1	2,2	2,2
Kirovohrad	13,5	1,4	0,5	0,5	0,3	0,3	0,4
Luhansk	4,1	1,6	0,4	0,3	0,3	... ¹	... ¹
Lviv	3,9	0,6	0,5	0,3	0,3	... ¹	... ¹
Mykolayiv	10,0	10,1	11,9	10,2	7,1	5,1	5,6
Odesa	2,7	2,0	1,1	0,9	0,8	0,6	0,9
Poltava	38,6	42,8	35,3	27,2	16,0	14,6	13,7
Rivne	11,3	15,3	14,7	17,7	15,0	18,4	20,4
Sumy	20,6	19,0	22,5	25,1	24,8	20,3	17,4
Ternopil	5,4	6,1	4,7	4,5	4,4	3,9	3,2
Kharkiv	13,2	6,5	0,7	4,8	1,7	0,9	0,7
Kherson	15,6	11,0	7,3	5,8	4,3	3,7	3,1
Khmelnyskiy	11,5	14,5	8,5	6,8	4,3	3,2	3,3
Cherkasy	19,2	22,4	22,7	23,0	17,1	17,2	17,9
Chernivtsi	... ¹	... ¹	0,1	... ¹	... ¹	... ¹	... ¹
Chernihiv	12,9	16,5	14,4	14,2	7,7	8,4	6,3
city							
Kyiv	3,3	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹

¹ See the footnote to Table 17.12

INDUSTRY

17.26. Output of yoghurt and other fermented or acidified milk or cream, by region

(thsd.t)

	2005	2010	2012	2013	2014	2015	2016
Ukraine	498,8	478,8	488,6	522,3	472,8	426,2	426,4
Autonomous Republic of Crimea	11,4	7,8	5,5	5,2
oblasts							
Vinnitsya	16,1	6,5	7,0	5,4	8,6	10,3	17,2
Volyn	8,8	... ¹	1,2	... ¹	... ¹	... ¹	... ¹
Dnipropetrovsk	60,9	62,8	52,8	55,6	54,4	55,5	56,4
Donetsk	53,7	47,0	44,5	42,1	36,7	3,0	2,0
Zhytomyr	12,5	11,3	11,0	13,1	12,9	11,8	11,6
Zakarpattia	1,3	... ¹	... ¹	... ¹	... ¹	... ¹	—
Zaporizhzhya	8,8	13,9	7,1	6,1	5,7	6,1	6,0
Ivano-Frankivsk	3,4	3,0	3,0	3,2	3,4	2,8	2,8
Kyiv	33,8	67,6	79,9	94,0	91,4	96,7	92,2
Kirovohrad	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Luhansk	5,8	8,2	7,2	7,6	4,5	0,5	0,5
Lviv	25,0	54,8	46,3	47,4	34,6	20,7	22,5
Mykolayiv	24,4	18,6	23,3	21,6	20,4	20,4	23,0
Odesa	8,4	4,1	4,4	4,0	3,7	4,0	4,3
Poltava	38,9	36,8	37,5	41,7	40,8	41,4	37,7
Rivne	7,1	4,1	4,7	4,9	5,0	4,9	5,6
Sumy	8,2	5,1	5,2	... ¹	... ¹	... ¹	... ¹
Ternopil	7,9	10,2	18,3	19,9	21,5	25,2	24,7
Kharkiv	64,2	41,4	50,8	52,6	41,0	39,8	37,7
Kherson	16,1	33,2	39,6	48,1	49,9	49,6	49,0
Khmelnyskiy	5,1	2,8	1,7	2,0	2,7	3,6	3,5
Cherkasy	18,9	7,9	13,5	... ¹	... ¹	... ¹	... ¹
Chernivtsi	... ¹	—	... ¹	... ¹	0,2	0,3	0,6
Chernihiv	5,2	5,2	4,8	5,9	5,7	5,3	4,9
cities							
Kyiv	50,1	24,8	... ¹	... ¹	... ¹	... ¹	... ¹
Sevastopol	... ¹	—	—	—

¹ See the footnote to Table 17.12

INDUSTRY

17.27. Output of flour, by region

(thsd.t)

	2005	2010	2012	2013	2014	2015	2016
Ukraine¹	2943,6	2632,1	2605,5	2564,8	2357,8	2211,2	2085,0
Autonomous Republic of Crimea	131,7	144,8	158,6	137,0
oblasts							
Vinnitsya	157,7	172,3	188,0	188,3	195,3	195,8	255,9
Volyn	72,3	40,9	33,3	34,2	27,0	32,8	30,0
Dnipropetrovsk	224,6	160,3	157,7	143,8	165,5	165,6	172,1
Donetsk	336,1	262,2	262,3	265,5	184,2	38,1	21,6
Zhytomyr	25,2	... ²	... ²	... ²	... ²	20,8	22,1
Zakarpattia	34,5	26,9	19,4	20,4	22,6	19,4	18,7
Zaporizhzhya	133,8	79,6	67,7	87,7	95,7	84,7	102,7
Ivano-Frankivsk	36,0	53,6	66,4	60,8	54,5	49,0	43,2
Kyiv	165,5	129,7	109,9	136,2	141,6	155,2	130,4
Kirovohrad	79,6	34,6	54,0	61,7	65,8	54,3	34,2
Luhansk	121,7	154,7	173,3	150,9	76,5	54,1	36,7
Lviv	108,8	56,5	66,0	68,3	67,1	61,9	58,6
Mykolayiv	84,3	62,3	39,9	40,3	34,1	45,6	47,2
Odesa	147,7	109,5	96,0	111,3	100,7	107,1	109,7
Poltava	87,7	81,2	74,6	78,5	80,1	98,0	89,7
Rivne	54,4	56,7	44,3	46,7	49,8	47,8	43,0
Sumy	110,1	100,1	95,0	84,2	135,4	125,1	104,3
Ternopil	74,2	67,0	59,3	60,0	62,8	56,3	58,0
Kharkiv	222,9	191,4	270,8	272,5	291,4	324,2	298,3
Kherson	85,6	101,7	90,7	86,3	88,4	89,7	77,3
Khmelnyskiy	87,1	96,7	78,0	74,2	77,6	69,8	72,5
Cherkasy	97,4	156,4	142,5	137,6	133,2	141,2	97,3
Chernivtsi	34,3	32,3	24,3	18,7	... ²	... ²	... ²
Chernihiv	76,9	44,7	33,5	33,1	33,8	33,7	28,3
cities							
Kyiv	147,6	... ²	... ²	... ²	... ²	... ²	... ²
Sevastopol	5,7	... ²	... ²	... ²

¹ The difference between the sum and its components is explained by data rounding

² See the footnote to Table 17.12

INDUSTRY

17.28. Output of bread and bakery products, short storage, by region

(thsd.t)

	2005	2010	2012	2013	2014	2015	2016
Ukraine¹	2263,7	1807,7	1685,6	1561,5	1357,1	1232,0	1159,9
Autonomous Republic of Crimea	80,9	61,4	59,9	56,6
oblasts							
Vinnitsya	88,4	66,3	57,1	49,3	45,1	44,0	39,9
Volyn	46,6	42,3	37,3	34,2	33,6	31,3	31,5
Dnipropetrovsk	242,8	186,7	177,0	172,9	171,1	167,9	148,1
Donetsk	248,8	161,6	147,9	134,7	105,9	49,9	46,5
Zhytomyr	71,5	57,2	56,4	53,4	48,2	40,5	37,8
Zakarpattia	18,2	13,6	13,9	15,6	15,1	12,1	10,2
Zaporizhzhya	81,7	74,8	71,1	67,8	65,0	64,3	64,3
Ivano-Frankivsk	24,8	33,8	33,5	32,5	30,7	27,7	26,1
Kyiv	53,4	68,5	72,7	88,8	95,4	113,7	115,8
Kirovohrad	34,1	26,7	25,4	23,6	20,7	14,2	12,6
Luhansk	106,8	74,4	66,0	60,8	30,0	11,7	11,0
Lviv	89,5	70,9	65,0	60,5	56,5	50,7	49,0
Mykolayiv	51,9	36,8	33,5	30,3	26,7	26,3	22,4
Odesa	107,9	93,9	86,3	82,2	78,3	80,8	78,0
Poltava	79,6	58,2	56,1	41,7	37,7	33,6	35,7
Rivne	39,3	36,3	30,5	28,5	28,6	28,0	27,9
Sumy	75,2	61,2	54,2	50,9	46,0	40,6	35,1
Ternopil	18,8	15,7	14,4	13,6	12,7	10,0	8,2
Kharkiv	134,4	131,3	110,1	96,2	94,8	92,6	90,9
Kherson	49,0	34,4	34,9	31,5	29,2	27,2	26,5
Khmelnyskiy	62,6	55,5	54,3	53,0	56,3	50,4	48,6
Cherkasy	72,2	64,9	60,6	51,3	41,1	35,6	29,5
Chernivtsi	27,0	29,4	27,4	26,1	25,4	23,2	20,1
Chernihiv	70,1	50,4	43,9	39,0	33,9	29,8	25,2
cities							
Kyiv	268,6	182,9	175,7	145,4	128,9	125,8	119,1
Sevastopol	19,5	18,2	20,2	20,7

¹ See the first footnote to Table 17.27

INDUSTRY

17.29. Output of granulated white beet sugar, by region

(thsd.t)

	2005	2010	2012	2013	2014	2015	2016
Ukraine	1899,6	1546,2	2143,4	1261,6	2053,2	1459,3	1997,0
of which							
oblasts							
Vinnitsya	259,5	296,0	338,3	299,1	430,3	314,9	430,4
Volyn	114,3	91,4	93,2	... ¹	... ¹	... ¹	... ¹
Dnipropetrovsk	... ¹	—	—	—	—	—	—
Zhytomyr	71,4	... ¹	... ¹	... ¹	... ¹	... ¹	81,2
Ivano-Frankivsk	... ¹	... ¹	... ¹	—	—	—	—
Kyiv	208,2	162,5	201,5	93,6	197,9	154,5	203,1
Kirovohrad	64,3	... ¹	69,6	31,3	65,5	... ¹	69,8
Lviv	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Mykolayiv	... ¹	... ¹	—	... ¹	... ¹	... ¹	... ¹
Odesa	37,7	—	... ¹	—	—	—	—
Poltava	203,9	239,9	406,6	207,5	257,7	209,6	297,8
Rivne	63,0	... ¹	... ¹	—	—	—	—
Sumy	59,3	... ¹	... ¹	—	—	—	—
Ternopil	183,1	147,7	208,9	132,3	271,7	... ¹	190,2
Kharkiv	146,0	62,1	108,1	37,8	119,5	78,5	159,9
Khmelnyskiy	129,9	164,3	233,2	122,0	281,8	167,5	228,5
Cherkasy	152,0	89,3	139,9	... ¹	88,7	... ¹	... ¹
Chernivtsi	... ¹	... ¹	—	—	—	—	—
Chernihiv	78,7	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹

¹ See the footnote to Table 17.12

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

	2012	2013	2014	2015	2016
Textiles, sq.m	2,3	2,1	1,9	2,0	2,1
of which					
wool	0,1	0,1	... ¹	... ¹	... ¹
cotton	0,6	0,5	0,2	0,2	0,2
strands of synthetic and artificial complex with synthetic fibers and man-made staple	1,5	1,3	1,5	1,6	1,8
fleecy, terry and other special textiles	0,1	0,1	... ¹	... ¹	... ¹
Knitted underwear, pcs	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	0,4	0,5	0,7	0,6
Knitted or crocheted hosiery and footwear (including socks), pairs	0,9	0,9	0,9	1,1	1,2
Footwear, pairs	0,6	0,7	0,6	0,6	0,6

¹ See the footnote to Table 17.12

INDUSTRY

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

	2005	2010	2012	2013	2014	2015	2016
Ukraine¹	20500	25697	28311	30531	27492	23648	24086
Autonomous Republic of Crimea	26,5	10,1	9,0	6,8
oblasts							
Vinnitsya	... ²	... ²	3,8	3,5	... ²	... ²	... ²
Volyn	... ²	... ²	... ²	... ²	... ²	... ²	... ²
Dnipropetrovsk	298	163	112	203	188	725	1134
Donetsk	667	826	578	377	104	17,6	5,3
Zhytomyr	4165	5826	7983	9612	8318	6838	7555
Zakarpattia	185	192	124	80,6	52,3	... ²	... ²
Zaporizhzhya	107	263	245	297	216	207	177
Ivano-Frankivsk	0,9	—	—	—	—	—	—
Kyiv	575	1285	1521	1417	1060	1025	906
Kirovohrad	69,3	9,3	7,5	2,9	... ²	... ²	... ²
Luhansk	284	58,3	56,8	43,2	9,1	... ²	... ²
Lviv	1382	1036	1166	1181	1065	1101	1429
Mykolayiv	66,7	60,9	34,5	24,6	16,8	... ²	... ²
Odesa	73,7	3945	7322	8381	8019	6593	5239
Poltava	283	82,4	55,1	48,0	43,4	35,3	43,4
Rivne	0,5	... ²	... ²	... ²	... ²	—	... ²
Sumy	1206	... ²	... ²	... ²	... ²	... ²	... ²
Ternopil	392	37,0	125	183	162	161	219
Kharkiv	410	421	419	338	313	476	662
Kherson	... ²	—	—	—	—	—	—
Khmelnyskiy	3926	4608	2636	2643	2784	1941	1825
Cherkasy	97,5	57,0	28,8	26,2	24,5	23,3	16,6
Chernivtsi	2986	2535	1736	1709	1307	969	... ²
Chernihiv	707	997	961	751	797	729	894
cities							
Kyiv	2524	1167	703	692	753	884	1173
Sevastopol	... ²	... ²	... ²	... ²

¹ For 2005, 2010, including ski shoes² See the footnote to Table 17.12

18. AGRICULTURE, HUNTING, FORESTRY, FISHERY

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

Agricultural production (at constant prices) is the cost of crop and animal production obtained from sown of agricultural crops and the use of agricultural livestock as well as volume of changes of incomplete production in crop output, volume of the produced young perennial plantings over year and volume of livestock raising (animal yield, live weight gain).

Constant prices are average weighted prices for a year taken as a basis for comparisons.

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

Agricultural holdings of households are households that carry out agricultural activity both to provide themselves with foodstuffs and produce marketable agricultural products. This category includes households in rural areas, urban settlements (including collective gardens and kitchen gardens) and natural persons-entities that conduct their activity in the area of agriculture without creating legal person.

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

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

Production (gross harvest) of agricultural crops is the overall size of annual and biannual crops products obtained from principle, secondary and between row sowing.

Production of grain and leguminous crops, and sunflower seeds is presented as weight after processing, sugar beets (for processing) are measured without soil and

medley, vegetable crops include greenhouse products.

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

Production (gross harvest) of fruit and berry crops, grapes is the overall size of products harvested from perennial plantings regardless of their age.

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

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

Meat production of livestock animals is the overall volume of livestock slaughtering weight (meat, slaughter fat, edible offal) which is obtained both when sold for slaughtering (marketable slaughter) and animal on farm slaughtering for meat regardless of where the slaughtering was made; directly at enterprise or at slaughterhouse.

Milk production (total mild yield) of all kinds is the overall volume of actually milk yield taken from cows of all breeds, buffalo cows, sheep and goats, mares, other dams of livestock animals.

Egg production by poultry of all kinds is the overall number of eggs obtained from all kinds of poultry including the losses due to breakage, spoiling, etc as well as eggs spent for young birds reproduction (incubation) by hens or in hatchers. The eggs purchased or obtained from outside for incubation and other needs are not included into poultry eggs production.

Wool production (total amount of wool shorn) of all kinds is the overall actual volume of

wool shorn from live sheep and goats including wool that was used to intra-farm needs.

Sales of products are amounts of own produced products that are sold by agricultural enterprises (apart from agricultural enterprises which do not meet the criteria defined by statistical methodology).

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

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

Volume of the sold products (goods, services) of forestry is defined by the offered price of forestry finished products (goods, services) unloaded outside an enterprise that is presented in the issued documents as the basis for settlements with purchasers (customers) including the products (goods, services) by barter contract excluding value added tax.

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

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

Merchantable wood is the overall volume of the felled or procured in other way and taken out wood that can be used for economic purposes.

Energy wood is merchantable wood used as fuel for cooking, heating or producing energy. This term also includes wood used for production of charcoal, wood pallets and other agglomerates, wood chips that were directly obtained in the forests from merchantable wood and are subject to using as fuel.

Forested lands are forest lands which are planted with trees.

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

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

Forested areas that were under fire is area where there were fires in forest stock regardless of type of fires, category, size of fire areas and causes of their occurrence.

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

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

AGRICULTURE, HUNTING, FORESTRY, FISHERY

AGRICULTURE

18.1. Agricultural production

(at constant prices of 2010; mln. UAH)

	2000	2005	2010	2012	2013	2014	2015	2016
Agricultural production	151022,2	179605,8	194886,5	223254,8	252859,0	251427,2	239467,3	254640,5
Crop output	92838,9	114479,9	124554,1	149233,4	175895,2	177707,9	168439,0	185052,1
Grain and leguminous crops	27189,4	41744,7	41633,0	49407,4	66997,3	67573,1	63421,0	69464,2
Industrial crops	16812,5	22534,8	33031,2	40533,8	49108,6	50512,2	50172,8	57844,8
Potatoes, vegetables and cucurbits crops	35029,3	37236,2	37996,5	46395,6	45762,2	46497,3	43439,4	44821,9
Fruit and berry crops, grapes	6315,5	7172,5	6919,6	7670,1	9092,8	7721,1	8027,4	7489,4
Fodder crops	6237,3	5204,2	4086,4	4316,1	4335,8	4251,0	3738,0	3747,1
Other products and change in incomplete production	1254,9	587,5	887,4	910,4	598,5	1153,2	-359,6	1684,7
Livestock product	58183,3	65125,9	70332,4	74021,4	76963,8	73719,3	71028,3	69588,4
Raising farm livestock	21567,2	23292,3	31237,4	33390,3	35722,8	33813,5	33859,3	33916,2
Milk	30236,9	32954,7	28533,0	28909,5	29185,3	28246,1	26926,9	26321,8
Eggs	3880,9	5780,8	7935,1	8892,9	9127,6	9114,7	7809,7	7026,9
Wool	14,1	13,3	17,6	15,7	14,9	10,8	9,4	8,6
Other products	2484,2	3084,8	2609,3	2813,0	2913,2	2534,2	2423,0	2314,9

18.2. Agricultural production, by category of enterprises

(at constant prices of 2010; mln. UAH)

	2000	2005	2010	2012	2013	2014	2015	2016
Agricultural enterprises								
Agricultural production	57997,7	72764,7	94089,0	113082,3	136590,9	139058,4	131918,6	145119,0
Crop output	45791,0	55677,0	66812,7	82130,2	103127,8	105529,5	99584,7	113392,6
Livestock product	12206,7	17087,7	27276,3	30952,1	33463,1	33528,9	32333,9	31726,4
of which farms								
Agricultural production	3125,2	8177,5	11965,8	14111,1	19091,4	19188,8	18909,3	22101,4
Crop output	2903,3	7719,2	10840,9	12843,1	17695,3	17847,0	17565,4	20705,3
Livestock product	221,9	458,3	1124,9	1268,0	1396,1	1341,8	1343,9	1396,1
Agricultural holdings of households								
Agricultural production	93024,5	106841,1	100797,5	110172,5	116268,1	112368,8	107548,7	109521,5
Crop output	47047,9	58802,9	57741,4	67103,2	72767,4	72178,4	68854,3	71659,5
Livestock product	45976,6	48038,2	43056,1	43069,3	43500,7	40190,4	38694,4	37862,0

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.3. Agricultural production, by region

(at constant prices of 2010; mln. UAH)

	2000	2005	2010	2012	2013	2014	2015	2016
Ukraine	151022,2	179605,8	194886,5	223254,8	252859,0	251427,2	239467,3	254640,5
Autonomous Republic of Crimea ¹	4938,2	5294,6	7194,6	6515,5	6592,8
oblasts								
Vinnitsya	9539,6	10510,4	12601,3	14492,2	17872,4	19844,6	18221,4	21319,1
Volyn	4366,1	5009,2	5273,3	6183,5	6344,9	6744,1	6434,4	6558,5
Dnipropetrovsk	8046,2	10801,2	12348,3	11535,4	15128,5	14241,8	15141,4	15183,4
Donetsk	7911,1	9988,5	9577,4	10863,2	11488,2	10687,3	6938,1	7513,1
Zhytomyr	5742,9	6088,5	6344,8	7945,3	8408,1	8837,4	8063,2	9406,8
Zakarpattia	3272,4	3739,3	3838,3	4207,3	4312,9	4308,3	4095,9	3964,9
Zaporizhzhya	6136,3	7611,0	7642,5	7083,2	9523,3	9203,9	10055,7	9928,0
Ivano-Frankivsk	4031,9	4251,9	4567,7	5501,5	5613,8	5966,0	5697,3	5795,3
Kyiv	7644,1	10164,4	11490,7	14791,1	14986,4	15862,9	14154,2	15544,7
Kirovohrad	5997,3	8404,0	8505,1	8963,9	11462,0	11259,7	11000,4	12037,5
Luhansk	3984,4	5935,5	4951,6	6280,2	6502,2	5188,9	4035,7	4816,3
Lviv	6971,6	7129,7	7370,8	8753,4	8813,3	9299,1	9024,9	9255,4
Mykolayiv	4365,9	6064,5	7462,2	6936,5	9394,1	8766,9	8951,2	9714,0
Odesa	7914,3	9003,0	9381,1	8046,9	11355,9	11060,9	10642,1	11881,2
Poltava	7038,7	10307,6	10999,2	13399,8	16022,9	15520,5	16660,7	17212,6
Rivne	4391,3	4781,5	5401,8	6190,1	6564,4	6905,7	6408,7	6723,2
Sumy	5968,7	5986,1	5751,8	8227,8	9413,0	10323,3	9847,5	10192,5
Ternopil	5273,1	5267,8	5825,6	7949,3	8051,4	9169,4	8145,8	8523,8
Kharkiv	8730,0	11206,1	8946,1	12198,8	14644,5	15100,4	14679,5	15647,8
Kherson	5550,0	6435,2	8142,3	8334,2	9811,1	10315,4	10836,1	11232,2
Khmelnyskiy	7375,2	6995,5	8376,3	11162,2	11522,6	13291,6	11598,7	12548,6
Cherkasy	6532,8	8257,1	12318,3	14028,8	14946,9	14710,3	14622,1	14983,7
Chernivtsi	3044,2	3406,8	3899,1	4363,3	4514,5	4703,9	4287,4	4285,7
Chernihiv	6255,9	6966,4	6510,5	9151,9	9412,1	10114,9	9924,9	10372,2
city								
Sevastopol	165,8	149,5	156,8

¹ Since 2010 including Sevastopol

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.4. Share of the household holdings in agricultural production

(percent)

	2000	2005	2010	2012	2013	2014	2015	2016
Agricultural production	61,6	59,5	51,7	49,3	46,0	44,7	44,9	43,0
Crop output	50,7	51,4	46,4	45,0	41,4	40,6	40,9	38,7
Grain and leguminous crops	18,4	24,3	24,2	21,9	21,2	21,9	22,7	21,3
Factory sugar beets	12,2	21,5	7,9	8,7	15,6	7,2	7,5	4,7
Sunflower	12,5	21,2	17,5	15,0	14,5	14,3	14,6	13,9
Potatoes	98,6	98,8	97,4	96,7	97,0	96,8	97,8	97,8
Vegetable crops	83,1	89,3	88,1	85,7	88,3	86,1	86,1	85,9
Fruit and berry crops	81,8	88,2	83,6	81,6	80,7	83,4	80,9	81,5
Grapes	30,0	41,8	36,3	35,8	33,2	44,7	46,6	41,5
Livestock product	79,0	73,8	61,2	58,2	56,5	54,5	54,5	54,4
Meat (slaughter weight)	73,7	63,2	44,9	42,5	39,7	38,5	37,0	35,9
Milk	71,0	81,2	80,3	77,7	77,5	76,2	74,9	73,9
Eggs	66,2	50,5	39,9	37,3	37,6	36,0	41,8	46,6
Wool	61,4	78,3	83,1	85,1	86,6	85,4	86,2	87,2

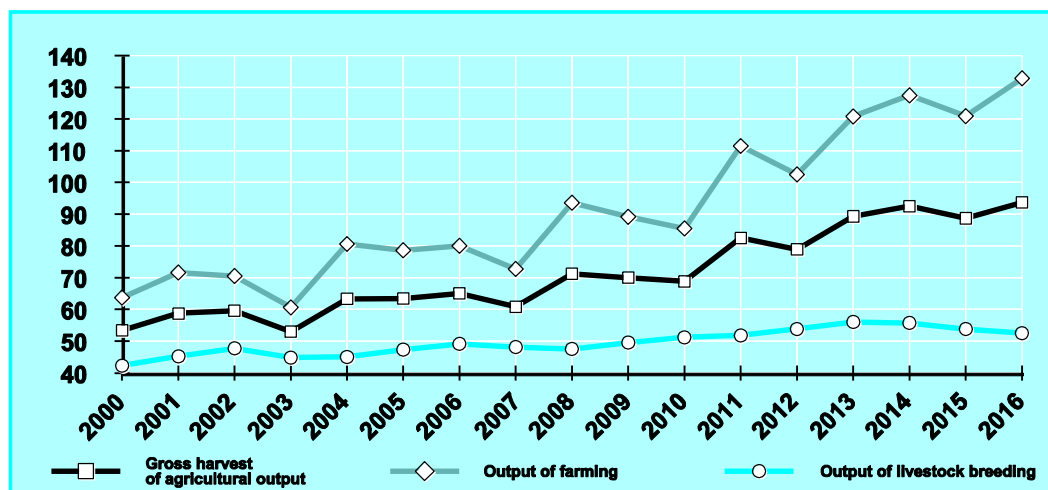
18.5. Per capita output of agricultural products

(kg)

	2000	2005	2010	2012	2013	2014	2015	2016
Agricultural production, UAH	3071	3813	4249	4897	5559	5847	5589	5967
Crop output, UAH	1888	2430	2715	3273	3867	4133	3931	4337
Grain and leguminous crops	497	807	856	1014	1386	1485	1403	1549
Factory sugar beets	268	328	300	404	237	366	241	328
Sunflower	70	100	148	184	243	236	261	319
Potatoes	403	413	408	510	489	551	486	510
Vegetable crops	118	155	177	220	217	224	215	221
Fruit and berry crops	30	36	38	44	50	46	50	47
Grapes	10	9	9	10	13	10	9	9
Livestock product, UAH	1183	1383	1534	1624	1692	1714	1658	1630
Meat (slaughter weight)	34	34	45	49	53	55	54	55
Milk	257	291	245	250	253	259	248	243
Eggs, pcs	179	277	372	419	431	456	392	354
Wool	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1

18.6. Agricultural production indices

(percent of 1990)



18.7. Agricultural production indices, by category of enterprises

(percent)

	Enterprises of all categories			Including					
	agricultural production	of which		agricultural enterprises			agricultural holdings of the household		
		crop output	livestock product	agricultural production	of which		agricultural production	of which	
					crop output	livestock product		crop output	livestock product
1990 = 100									
2000	53,4	63,8	42,4	29,1	38,8	15,0	111,3	170,7	82,0
2005	63,5	78,7	47,4	36,5	47,2	21,0	127,8	213,3	85,7
2010	68,9	85,6	51,2	47,2	56,7	33,6	120,6	209,5	76,8
2011	82,6	111,6	51,9	60,8	78,1	35,6	134,7	255,0	75,5
2012	79,0	102,6	53,9	56,8	69,6	38,1	131,8	243,4	76,8
2013	89,4	120,9	56,1	68,6	87,4	41,2	139,1	264,0	77,6
2014	92,6	127,6	55,8	73,1	93,9	43,1	138,4	269,0	74,0
2015	88,2	121,0	53,7	69,3	88,6	41,5	132,5	256,6	71,2
2016	93,8	132,9	52,6	76,3	100,9	40,7	134,9	267,0	69,7
To the previous year									
2000	109,8	121,3	95,3	98,1	105,4	77,9	118,6	142,2	101,3
2005	100,1	97,5	105,1	101,1	96,6	119,1	99,4	98,3	100,9
2010	98,5	95,9	103,4	97,7	93,7	109,1	99,1	98,5	100,1
2011	119,9	130,4	101,3	128,7	137,9	106,0	111,8	121,7	98,3
2012	95,5	91,9	103,9	93,4	89,1	107,0	97,8	95,5	101,7
2013	113,3	117,9	104,0	120,8	125,6	108,1	105,5	108,4	101,0
2014	102,2	103,2	99,7	104,0	104,2	103,5	99,9	101,9	96,6
2015	95,2	94,8	96,3	94,9	94,4	96,4	95,7	95,4	96,3
2016	106,3	109,9	98,0	110,0	113,9	98,1	101,8	104,1	97,8

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.8. Agricultural production indices, by region

(percent)

	1990 = 100							To the previous year						
	2000	2005	2010	2013	2014	2015	2016	2000	2005	2010	2013	2014	2015	2016
Ukraine	53,4	63,5	68,9	89,4	92,6	88,2	93,8	109,8	100,1	98,5	113,3	102,2	95,2	106,3
Autonomous Republic of Crimea	43,6	46,7	64,9	59,5	113,5	105,6	96,1	101,2 ¹
oblasts														
Vinnitsya	53,8	59,3	71,1	100,8	111,9	102,8	120,2	112,6	102,7	100,0	123,3	111,0	91,8	117,0
Volyn	54,9	63,0	66,3	79,8	84,8	80,9	82,5	106,0	100,3	101,9	102,6	106,3	95,4	101,9
Dnipro-petrovsk	55,0	73,9	84,4	103,4	97,4	103,5	103,8	114,8	107,1	101,3	131,1	94,1	106,3	100,3
Donetsk	56,8	71,7	68,7	82,4	76,7	49,8	53,9	120,3	102,4	102,0	105,8	93,0	64,9	108,3
Zhytomyr	51,8	54,9	57,2	75,8	79,6	72,7	84,8	105,8	97,9	100,1	105,8	105,1	91,2	116,7
Zakarpattia	78,2	89,4	91,7	103,1	103,0	97,9	94,8	108,3	99,2	97,1	102,5	99,9	95,1	96,8
Zapo-rizhzhya	47,6	59,0	59,3	73,9	71,4	78,0	77,0	101,0	105,9	102,1	134,4	96,6	109,3	98,7
Ivano-Frankivsk	73,4	77,4	83,2	102,2	108,7	103,8	105,5	110,1	99,6	100,8	102,0	106,3	95,5	101,7
Kyiv	54,0	71,8	81,1	105,8	112,0	100,0	109,8	112,9	107,1	99,4	101,3	105,8	89,2	109,8
Kirovohrad	48,6	68,1	68,9	92,9	91,2	89,1	97,5	111,2	99,6	101,9	127,9	98,2	97,7	109,4
Luhansk	41,2	61,4	51,3	67,3	53,7	41,8	49,9	92,0	120,8	91,0	103,5	79,8	77,8	119,3
Lviv	67,3	68,9	71,2	85,1	89,8	87,2	89,4	108,3	98,5	95,7	100,7	105,5	97,1	102,6
Mykolayiv	41,1	57,1	70,3	88,4	82,5	84,3	91,5	91,9	88,6	101,3	135,4	93,3	102,1	108,5
Odesa	58,2	66,2	69,0	83,5	81,3	78,3	87,4	98,9	83,0	109,7	141,1	97,4	96,2	111,6
Poltava	43,5	63,7	68,0	99,0	95,9	103,0	106,4	104,8	104,8	89,5	119,6	96,9	107,3	103,3
Rivne	56,7	61,7	69,7	84,7	89,1	82,7	86,8	106,5	93,7	102,3	106,0	105,2	92,8	104,9
Sumy	50,9	51,0	49,0	80,2	88,0	83,9	86,8	124,3	96,3	89,9	114,4	109,7	95,4	103,5
Ternopil	55,3	55,3	61,1	84,5	96,2	85,5	89,4	116,3	99,0	94,9	101,3	113,9	88,8	104,6
Kharkiv	55,8	71,7	57,2	93,7	96,6	93,9	100,1	116,5	107,9	88,6	120,0	103,1	97,2	106,6
Kherson	53,6	62,2	78,7	94,8	99,7	104,7	108,6	100,2	100,4	102,9	117,7	105,1	105,0	103,7
Khmel-nytskyi	57,8	54,8	65,6	90,3	104,2	90,9	98,3	114,4	87,6	99,6	103,2	115,4	87,3	108,2
Cherkasy	57,9	73,2	109,2	132,5	130,5	129,7	132,9	122,6	106,6	104,3	106,5	98,4	99,4	102,5
Chernivtsi	63,3	70,9	81,1	93,9	97,9	89,2	89,2	111,6	101,5	103,0	103,5	104,2	91,1	100,0
Chernihiv	49,0	54,5	51,0	73,7	79,2	77,7	81,2	115,2	90,1	86,6	102,8	107,5	98,1	104,5
city														
Sevastopol	104,9

¹ Excluding data for city Sevastopol

18.9. Distribution of agricultural enterprises in 2016, by size of agricultural lands

(November 1)

	Number of enterprises		Area of agricultural lands	
	units	percent of the total number	thsd.ha	percent of the total area of agricultural land of enterprises
Enterprises that have agricultural lands including with the area, 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
over 10000,0	150	0,3	3515,1	17,6
Enterprises that do not have agricultural land	5871	12,3	×	×

18.10. Availability of major types of machinery in agricultural enterprises

(end of year; pcs)

	2010	2011	2012	2013	2014	2015	2016
Tractors	151287	147131	150740	146004	130811	127852	132686
Lorries, trucks, estate cars	104307	100944	104367	99298	87307	83567	85417
Trailers, semitrailers	86748	82892	82295	78094	69032	66570	67928
Ploughs	49758	50257	51981	51349	47933	47336	49306
Cultivators	72998	74316	76709	75695	69452	69474	71659
Harrows	238160	235348	227505	218290	200017	193950	192029
Machinery for seeding and landing	75888	74843	76601	74851	69244	69322	71290
Spreaders of manure and fertilisers	18756	19656	20611	20918	19997	20286	21634
Water-sprinklers	4480	4289	4314	4349	3723	3815	4103
Machines and accessories for wetting	876	1016	1277	1411	1333	1401	1555
Machines for plant protection	15107	16598	18531	19374	18232	18739	20227
Mowing-machines	11188	11060	11522	11571	10920	10733	11283
Windrowers	15225	14941	14721	14545	13485	13595	14477
Combine							
crop	32750	32062	31997	30061	27196	26735	27366
maize	2548	2295	2131	2009	1784	1634	1534
fodder	7841	7137	6731	6098	5274	4982	4861
flax	458	358	298	259	209	187	190
potato	1694	1660	1632	1483	1276	1215	1239
Machinery for after harvesting operation	17981	19030	19960	20061	19164	19217	20452
Milking and equipment	10865	10838	11216	11195	10476	10232	10305
Machinery for fodder's cooking	3073	3227	3658	3793	3574	3745	4117
Feed distributors							
for cattle	4597	4280	4136	3960	3561	3484	3465
for pigs	1883	2191	2538	3639	3364	3452	3140

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18.11. Basic indicators of activity of the agricultural enterprises¹

	2010	2011	2012	2013	2014	2015	2016
Profitability rate of operational activity, percent	24,5	24,7	22,8	11,7	21,4	43,0	32,7
Net profit (loss), mln.UAH	17253,6	25267,0	26728,4	14925,7	21413,4	101912,2	89330,8
Enterprises that received a net profit							
percent of the total	69,6	83,5	78,6	80,3	84,7	88,9	88,3
financial result, mln.UAH	22094,9	30182,3	33570,1	26186,6	51668,0	127525,5	102230,4
Enterprises that received a net loss							
percent of the total	30,4	16,5	21,4	19,7	15,3	11,1	11,7
financial result, mln.UAH	4841,3	4915,3	6841,7	11260,9	30254,6	25613,3	12899,6
Number of employees, thsd.	612,9	632,1	621,8	579,8	528,9	500,9	507,7

¹ Information is compiled by enterprises that are engaged crop growing, cattle raising, mixed agriculture and supporting activities in agriculture

18.12. Costs structure of production agricultural in agricultural enterprises

(percent)

	2012	2013	2014	2015	2016
Total cost	100,0	100,0	100,0	100,0	100,0
Labour remuneration	9,4	7,6	7,2	5,5	5,5
Social contributions	3,4	2,8	2,7	1,9	1,2
Material expenses – total	<u>68,6</u> 100,0	<u>69,6</u> 100,0	<u>70,4</u> 100,0	<u>73,6</u> 100,0	<u>71,9</u> 100,0
including on					
seeds and planting stock	13,4	13,0	12,9	12,0	12,0
fodder	21,8	23,1	20,7	20,7	20,0
other agricultural produce	3,9	1,9	1,8	2,0	1,8
fertilisers	16,5	16,7	14,1	19,0	20,0
fuels and lubricants	13,9	13,4	15,4	12,9	11,3
electricity	2,0	2,2	1,9	1,5	1,6
fuels and energy	1,9	2,0	1,6	1,5	1,1
spare parts, repair and construction materials to repair	7,0	6,6	7,4	8,0	8,3
payments of contracted operations, services and other material costs	19,6	21,1	24,2	22,4	23,9
Depreciation of fixed assets	5,3	5,5	5,4	4,4	4,9
Other operating costs	<u>13,3</u> 100,0	<u>14,5</u> 100,0	<u>14,3</u> 100,0	<u>14,6</u> 100,0	<u>16,5</u> 100,0
of which rent payments for land shares (stocks)	59,2	61,4	57,8	60,2	62,4
property shares	0,4	0,4	0,5	0,7	0,4

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**18.13. Profitability of production of basic types of agricultural products
by agricultural enterprises**

(percent)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	64,8	3,1	13,9	26,1	15,2	1,5	25,8	43,1	37,8
Factory sugar beets	6,1	4,8	16,7	36,5	15,7	2,7	17,9	28,2	24,3
Sunflowers	52,2	24,3	64,7	57,0	45,8	28,5	36,5	80,5	63,0
Potatoes	14,0	17,8	62,1	17,7	-21,5	23,0	9,2	24,2	-3,2
Vegetable crops in the open ground	-1,7	16,1	23,5	9,9	-6,8	7,0	16,7	47,5	19,7
Fruit crops	-1,1	12,7	14,9	17,9	8,8	154,7	68,2	52,6	12,0
Grapes	62,7	31,7	91,6	57,1	72,6	101,7	61,0	102,4	74,6
Cattle for meat	-42,3	-25,0	-35,9	-24,8	-29,5	-43,3	-35,9	-17,9	-24,8
Pigs for meat	-44,3	14,9	-7,8	-3,7	2,0	0,2	5,6	12,7	-4,5
Sheep and goats for meat	-46,4	-32,1	-29,5	-39,6	-40,0	-42,8	-52,2	-29,6	-35,2
Poultry for meat	-33,2	24,9	-4,4	-16,8	-7,2	-10,0	-15,4	-6,1	5,0
Milk	-6,0	12,2	17,9	18,5	2,3	13,6	11,0	12,6	18,2
Hen eggs	10,6	23,5	18,6	38,8	52,6	47,6	58,8	60,9	0,5
Wool	-75,8	-72,8	-82,2	-70,6	-61,0	-72,7	-75,1	-61,9	-31,8

18.14. Profitability of production of basic types of agricultural products in agricultural enterprises in 2016, by region

(percent)

	Grain and leguminous crops	Sunflower	Vegetable crops in the open ground	Fruit crops	Cattle for meat	Pigs for meat	Poultry for meat	Milk	Hen eggs
Ukraine	37,8	63,0	19,7	12,0	-24,8	-4,5	5,0	18,2	0,5
Autonomous Republic of Crimea
oblasts									
Vinnitsya	35,1	61,3	11,9	13,7	-15,4	-12,6	-34,5	13,3	0,9
Volyn	34,5	31,8	33,0	299,3	-10,4	13,4	0,6	29,0	—
Dnipropetrovsk	34,9	73,8	26,9	34,6	-36,9	-7,1	-65,9	11,9	10,5
Donetsk	37,7	65,0	-13,9	11,2	-45,5	-16,0	-75,8	9,8	5,7
Zhytomyr	40,2	56,2	56,0	... ¹	-29,1	-0,4	-10,3	12,0	30,6
Zakarpattia	27,8	33,4	25,5	27,5	10,2	-4,8	... ¹	9,7	—
Zaporizhzhya	46,6	75,5	7,3	-4,9	-34,2	-13,9	-17,8	13,8	16,3
Ivano-Frankivsk	43,4	22,3	141,8	60,6	-26,4	25,1	-20,5	15,0	... ¹
Kyiv	32,0	32,8	13,4	-2,9	-18,9	-33,4	11,6	13,6	9,7
Kirovohrad	46,4	64,8	-13,4	-58,5	-24,9	3,5	-10,4	7,9	-59,1
Luhansk	36,9	79,5	-23,5	14,9	-50,5	-23,1	... ¹	2,2	... ¹
Lviv	11,3	51,9	16,1	... ¹	-18,1	33,9	-1,2	21,2	24,1
Mykolayiv	35,4	66,6	28,0	-7,4	-48,5	-0,1	-72,3	18,3	-9,4
Odesa	36,4	58,9	21,5	20,6	-30,9	-13,6	-2,9	-1,3	-2,5
Poltava	59,9	63,1	34,9	-59,7	-22,1	-1,9	-39,2	18,9	12,6
Rivne	28,6	26,0	35,1	-9,1	-16,6	-16,7	12,8	11,4	19,3
Sumy	39,2	58,1	... ¹	6,4	-23,8	-8,2	-49,5	26,8	-6,8
Ternopil	32,7	57,8	12,2	51,7	-9,2	-1,7	-26,9	23,2	16,6
Kharkiv	31,9	71,3	20,5	-14,4	-44,9	3,3	-17,5	24,7	9,8
Kherson	34,3	59,3	17,8	0,1	-31,0	3,8	24,1	17,1	19,3
Khmelnyskiy	34,7	70,4	6,5	23,7	-20,9	11,3	-23,3	21,8	8,7
Cherkasy	47,5	64,2	20,0	30,1	-23,5	4,0	7,8	21,3	4,6
Chernivtsi	4,9	52,8	—	19,0	-32,8	-10,5	12,2	8,9	... ¹
Chernihiv	22,7	51,8	212,0	24,0	-20,3	-11,8	-71,2	20,8	-10,3
cities									
Kyiv	44,2	35,0	... ¹	... ¹	2,3	11,8	65,8	37,7	... ¹
Sevastopol

¹ Data are not published in order to insure compliance with the requirements of the Law of Ukraine *On the State Statistics* regarding confidentiality of statistical information

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18.15. Sales of agricultural products by agricultural enterprises¹

(thsd.t)

	2000	2005	2010	2012	2013	2014	2015	2016
Grain and leguminous crops	10725,6	19458,4	23661,7	33668,8	38344,6	40220,5	45830,2	37622,0
of which								
wheat	5364,2	10045,2	10397,9	12573,0	13567,9	14917,9	17630,7	16920,6
rye	437,3	479,1	389,4	337,4	311,2	261,2	188,4	126,6
grain maize	1046,4	4029,6	7069,1	16568,8	20378,3	19966,5	23311,0	15739,3
barley	2909,9	3857,2	4870,0	3249,0	3172,9	4241,6	3832,4	3871,9
oats	290,6	277,3	260,1	116,1	135,2	124,3	165,8	128,9
millet	174,1	118,0	114,9	117,8	94,5	82,8	95,3	105,8
buckwheat	156,6	134,8	104,6	121,6	120,6	110,4	85,2	59,5
rice	49,1	54,3	82,2	106,1	110,1	49,1	59,0	49,9
legumes crops	155,0	331,9	279,9	281,7	212,5	274,6	282,7	414,4
Oil crops	2284,3	2612,4	7756,7	10784,8	12186,2	13172,8	14630,7	12242,1
Factory sugar beets ²	10971,3	10956,3	9767,5	10816,9	5633,5	8997,9	5818,9	10879,4
Potatoes	85,5	116,9	290,7	437,8	459,5	543,4	390,8	276,9
Vegetable crops	535,7	397,5	646,0	961,6	885,9	955,5	1043,8	889,4
Fruit and berry crops	209,1	168,9	230,8	283,8	341,9	1215,3	294,2	248,3
Grapes	298,7	148,4	164,9	192,2	260,1	179,1	154,2	187,8
Livestock animals (live weight)	969,3	902,4	1586,8	1736,4	1953,0	1957,5	1947,2	2176,2
Milk	2683,7	2121,3	2004,1	2360,1	2409,0	2506,2	2538,3	2542,6
Eggs, mln.pcs	2643,7	5700,3	9415,7	11156,3	11322,4	11735,3	8897,3	7140,8
Wool, t	1387,7	546,7	517,9	404,3	319,7	303,3	271,1	185,4

¹ Products produced using one's own resources including the products passed over to be processed at their capacities

² Data include the products passed over for processing as customer-owned raw materials

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18.16. Average prices for selling agricultural products by agricultural enterprises

(1 t; UAH)

	2000	2005	2010	2012	2013	2014	2015	2016
Grain and leguminous crops	443,8	417,8	1120,9	1547,1	1299,8	1801,4	2912,1	3414,0
including								
wheat	487,0	415,2	1085,8	1550,2	1368,1	1870,8	2796,2	3287,9
rye	468,8	317,2	792,7	1313,7	1124,2	1285,3	2222,4	2950,4
grain maize	386,4	343,1	1246,1	1515,2	1210,4	1744,7	2989,9	3530,0
barley	374,2	488,5	955,1	1578,2	1447,1	1707,6	2661,5	3007,0
oats	345,6	334,2	766,8	1510,7	1426,7	1489,2	2065,4	2821,4
millet	349,9	295,4	1036,2	1202,1	1451,6	2162,8	3315,8	3195,5
buckwheat	748,0	883,8	3910,0	3771,7	2681,4	3607,0	9098,3	13106,8
rice	707,7	1017,9	2348,1	2350,5	2506,0	4601,0	7426,3	6335,1
legumes crops	575,0	579,0	1596,4	2170,9	2233,5	3086,1	5382,5	6524,1
Oil crops	525,7	981,5	2942,6	3584,0	3087,5	4062,8	7531,5	8656,1
Factory sugar beets	121,5	177,0	478,5	426,8	397,8	494,2	788,6	848,6
Potatoes	517,1	685,2	2131,0	1139,6	1860,9	2173,6	2436,3	2631,8
Vegetable crops	572,1	1462,1	2551,6	1956,6	2354,0	2514,3	3903,4	3924,2
Fruit and berry crops	394,9	987,8	2419,8	2707,1	3010,8	2429,1	5894,5	5863,8
Grapes	724,5	1476,1	3638,2	3963,2	3729,8	3303,9	6450,3	6307,0
Livestock animals (live weight)	2358,0	6909,9	10797,1	13456,9	12901,3	15736,9	21966,2	22468,0
Milk	536,4	1126,9	2938,7	2662,2	3364,0	3588,4	4347,3	5461,8
Eggs, for thsd.pcs	191,7	251,8	470,6	627,0	656,7	782,4	1333,2	1108,7
Wool	3182,8	4441,0	4165,3	8513,2	6949,3	7557,3	14216,7	24420,4

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CROP GROWING

18.17. Distribution of land areas and agricultural lands

(source: the State Service of Geodesy, Cartography and Cadastre of Ukraine; as of January 1, 2016; thsd.ha)

	Total land area	Total agricultural land	Of which		
			arable fields	hay fields	pastures
Total land	60354,9	42726,4	32541,3	2406,4	5434,1
Lands of agricultural enterprises and households	37747,6	36453,3	31131,9	1570,6	2830,2
Land of agricultural enterprises	21450,8	20746,9	19476,1	404,4	664,3
the state	1118,1	937,0	773,9	33,2	95,4
the non-state	20332,7	19809,9	18702,2	371,2	568,9
Private lands	16296,8	15706,4	11655,8	1166,2	2165,9
Lands of other users	22607,3	6273,1	1409,4	835,8	2603,9

18.18. Sown area for agricultural crops in 1940–2016

(thsd.ha)

	Agricultural crops	Of which				
		grain and leguminous crops	factory sugar beets	sunflowers	potatoes	vegetable crops in open ground (without seed crops)
1940	31336	21385	820	720	2060	486
1950	30656	20047	828	894	1904	374
1955	32892	20446	1092	935	2152	461
1960	33547	13729	1457	1505	2186	474
1965	33785	16495	1863	1777	2108	464
1970	32782	15518	1659	1710	1988	466
1975	33617	16540	1769	1672	1857	499
1980	33578	16473	1775	1683	1682	497
1985	32656	16077	1641	1480	1528	499
1990	32406	14583	1607	1636	1429	456
1995	30963	14152	1475	2020	1532	503
2000	27173	13646	856	2943	1629	538
2005	26044	15005	652	3743	1514	465
2010	26952	15090	501	4572	1408	462
2011	27670	15724	532	4739	1439	498
2012	27801	15449	458	5194	1440	494
2013	28329	16210	280	5051	1388	483
2014	27239	14801	331	5257	1348	463
2015	26902	14738	237	5105	1291	440
2016	27026	14401	292	6073	1312	442

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18.19. Sown area for agricultural crops

(thsd.ha)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Agricultural crops	27173	26044	26952	27670	27801	28329	27239	26902	27026
Grain and leguminous crops	13646	15005	15090	15724	15449	16210	14801	14739	14401
Winter crops	6324	7289	7904	7987	6537	7891	7174	7904	7178
wheat	5316	6185	6137	6499	5534	6525	5898	6696	6028
rye	668	622	286	283	302	282	185	150	144
barley	340	482	1481	1205	701	1084	1091	1058	1006
Summer crops	7322	7716	7186	7737	8912	8319	7627	6835	7223
of which									
wheat	303	480	314	282	238	159	163	171	190
barley	3645	4018	3024	2582	2724	2275	1950	1768	1861
oats	521	468	326	288	310	252	247	213	209
grain maize	1364	1711	2709	3620	4625	4893	4691	4123	4286
millet	437	141	95	169	191	98	103	112	109
buckwheat	574	426	225	311	300	189	140	133	154
rice	26	21	29	30	26	24	10	12	12
legumes crops	408	422	429	374	318	280	227	250	324
Industrial crops	4187	5260	7296	7441	7854	7869	8437	8350	8852
of which									
factory sugar beets	856	652	501	532	458	280	331	237	292
sunflowers	2943	3743	4572	4739	5194	5051	5257	5105	6073
rape and colza	214	207	907	870	566	1017	882	682	455
soya	65	438	1076	1134	1476	1370	1806	2158	1869
flax	23	25	1	2	2	2	2	2	2
Potatoes, vegetable and cucurbits crops	2277	2041	1967	2028	2023	1961	1900	1823	1841
of which									
potatoes	1629	1514	1408	1439	1440	1388	1348	1291	1312
vegetable crops in open ground (without seed crops)	538	465	462	498	494	483	463	440	442
Fodder crops	7063	3738	2599	2477	2475	2289	2101	1990	1932
of which									
fodder roots (including fodder sugar beets)	285	294	244	236	230	224	216	213	211
fodder corn	1920	774	473	445	497	393	346	309	284
annual grass	1765	891	583	531	499	469	408	393	374
perennial grass	2985	1702	1238	1207	1195	1152	1119	1027	995

18.20. Sown area for agricultural crops in 2016, by region

(thsd.ha)

	Agricultural crops	Of which			
		grain and leguminous crops	industrial crops	potatoes, vegetable and cucurbits crops	fodder crops
Ukraine	27026	14401	8852	1841	1932
Autonomous Republic of Crimea
oblasts					
Vinnitsya	1642	869	504	132	137
Volyn	552	295	82	85	89
Dnipropetrovsk	1920	1098	669	95	59
Donetsk	990	546	347	52	45
Zhytomyr	882	394	263	82	143
Zakarpattia	190	92	8	47	43
Zaporizhzhya	1630	886	650	45	49
Ivano-Frankivsk	372	154	70	70	78
Kyiv	1164	570	384	127	84
Kirovohrad	1693	813	772	61	46
Luhansk	786	381	351	28	26
Lviv	662	304	138	119	100
Mykolayiv	1533	836	593	41	63
Odesa	1846	1199	519	66	62
Poltava	1720	939	573	84	123
Rivne	548	270	97	82	99
Sumy	1122	648	326	70	79
Ternopil	812	470	210	71	61
Kharkiv	1760	989	576	97	99
Kherson	1352	665	525	90	72
Khmelnyskiy	1153	538	422	85	108
Cherkasy	1195	661	365	74	95
Chernivtsi	306	123	86	47	50
Chernihiv	1196	661	322	91	122
city					
Sevastopol

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.21. Harvested area

(thsd.ha)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	12587	14605	14576	15321	14792	15804	14627	14641	14337
Winter crops	5846	7187	7698	7848	6372	7753	7116	7870	7165
wheat	4888	6105	5982	6390	5400	6414	5849	6670	6018
rye	636	608	279	278	297	277	183	149	143
barley	322	474	1437	1180	675	1062	1084	1051	1004
Summer crops	6741	7418	6878	7473	8420	8051	7511	6771	7172
of which									
wheat	273	466	302	267	230	152	162	169	188
barley	3367	3876	2880	2504	2618	2171	1919	1755	1855
oats	481	450	311	280	301	241	244	211	209
grain maize	1279	1660	2648	3544	4372	4827	4627	4084	4252
millet	367	120	85	156	153	78	99	113	108
buckwheat	529	396	199	286	273	168	137	128	154
rice	25	21	29	30	26	24	10	12	12
legumes crops	383	401	391	336	303	256	225	247	321
Factory sugar beets	747	623	492	516	449	270	330	237	291
Sunflowers	2842	3689	4526	4717	5082	5090	5212	5166	6087
Rape and colza	157	195	863	833	547	996	865	671	449
Soya	61	422	1037	1110	1412	1351	1793	2136	1859
Flax (fiber)	20	24	1	1	2	1	1	1	2
Potatoes	1631	1516	1412	1443	1444	1394	1343	1291	1312
Vegetable crops	519	464	468	504	503	494	464	447	447
Fodder roots (including fodder sugar beets)	281	294	246	238	232	226	217	214	211
Fodder corn	1843	766	469	444	494	395	347	308	284
Annual hay grass	289	342	298	274	291	283	263	267	262
Perennial hay grass	1249	1001	903	907	902	895	858	819	805

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

(thsd.ha)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Plantations of fruit and berry crops	425	299	255	255	255	253	239	235	224
of which fruit-bearing	378	266	223	223	223	222	210	206	197
Vineyards	110	96	87	84	78	75	49	45	45
of which fruit-bearing	99	81	68	69	68	67	44	42	43

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.23. Output of agricultural crops in 1913–2016

(thsd.t)

	Grain and leguminous crops		Factory sugar beets	Sunflowers	Potatoes	Vegetable crops	Fruit and berry crops	Grapes
	total	of which wheat						
1913	23157	7970	9337	71	8546
1940	26420	8407	13052	946	20664	5486	790	161
1950	20448	6701	13925	703	20329	2318	765	66
1955	31655	14243	21751	1385	16984	4677	1054	173
1960	21368	6645	29050	1603	19461	4948	1038	423
1965	30940	15791	41153	2544	18157	5350	1860	958
1970	35422	15177	41847	2530	19726	5807	2350	904
1975	32802	17747	35925	2277	16469	6038	2510	1187
1980	36625	20567	37558	2119	13133	7186	2253	886
1985	38899	16482	38326	2168	20315	7384	3420	430
1990	51009	30374	44264	2571	16732	6666	2902	836
1995	33930	16273	29650	2860	14729	5880	1897	457
2000	24459	10197	13199	3457	19838	5821	1453	514
2005	38016	18699	15468	4706	19462	7295	1690	443
2010	39271	16851	13749	6772	18705	8122	1747	408
2011	56747	22324	18740	8671	24248	9833	1896	522
2012	46216	15763	18439	8387	23250	10017	2009	456
2013	63051	22279	10789	11051	22259	9873	2295	575
2014	63859	24114	15734	10134	23693	9638	1999	436
2015	60126	26532	10331	11181	20839	9214	2153	386
2016	66088	26099	14011	13627	21750	9415	2007	378

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18.24. Output of agricultural crops

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	24459	38016	39271	56747	46216	63051	63859	60126	66088
Winter crops	11348	19744	19899	25458	17132	25377	27316	29605	29397
wheat	9775	17683	16217	21645	15132	21863	23498	25937	25370
rye	966	1053	463	577	675	633	473	387	390
barley	607	1008	3219	3236	1325	2881	3345	3281	3637
Summer crops	13111	18272	19372	31289	29084	37674	36543	30521	36691
of which									
wheat	422	1016	634	679	631	416	616	595	729
barley	6265	7967	5266	5862	5611	4681	5701	5007	5799
oats	881	791	459	506	630	467	613	489	500
grain maize	3848	7167	11953	22838	20961	30950	28497	23328	28075
millet	426	141	117	279	157	102	178	213	190
buckwheat	481	275	134	282	239	179	167	128	176
rice	90	93	148	170	160	145	51	63	65
legumes crops	652	758	592	491	473	372	481	502	877
Factory sugar beets	13199	15468	13749	18740	18439	10789	15734	10331	14011
Sunflowers	3457	4706	6772	8671	8387	11051	10134	11181	13627
Rape and colza	132	285	1470	1437	1204	2352	2198	1738	1154
Soya	64	613	1680	2264	2410	2774	3882	3931	4277
Flax (fiber)	8	13	0	1	2	1	1	1	1
Potatoes	19838	19462	18705	24248	23250	22259	23693	20839	21750
Vegetable crops	5821	7295	8122	9833	10017	9873	9638	9214	9415
Fodder roots (of which fodder sugar beets)	6672	8015	6771	7429	6993	7244	6995	6188	6352
Fodder corn	24183	12509	7511	9994	8268	8507	7574	6843	6968
Annual hay grass	647	942	953	936	917	953	1004	977	1017
Perennial hay grass	2572	2969	3238	3443	3294	3424	3926	3124	3362
Fruit and berry crops	1453	1690	1747	1896	2009	2295	1999	2153	2007
Grapes	514	443	408	522	456	575	436	386	378

18.25. Output of agricultural crops, by category of enterprises

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Agricultural enterprises									
Grain and leguminous crops	19964	28791	29779	44219	36075	49659	49902	46507	52022
Factory sugar beets	11594	12146	12663	17145	16838	9101	14599	9554	13349
Sunflowers	3025	3710	5586	7289	7131	9446	8682	9549	11730
Potatoes	277	239	483	752	757	660	759	456	468
Vegetable crops	986	781	964	1541	1434	1159	1341	1282	1323
Fruit and berry crops	264	200	287	300	369	444	332	412	370
Grapes	360	258	260	337	293	384	241	206	221
of which farms									
Grain and leguminous crops	1256	4083	4703	6735	5046	7522	7693	7650	8881
Factory sugar beets	755	1373	1155	1345	1234	611	1087	619	973
Sunflowers	347	735	1208	1646	1589	2154	1956	2167	2644
Potatoes	56	85	161	258	251	278	207	126	121
Vegetable crops	83	156	212	384	347	307	328	283	298
Fruit and berry crops	4	11	37	39	44	57	66	68	96
Grapes	1	3	7	14	16	20	17	16	13
Agricultural holdings of households									
Grain and leguminous crops	4495	9225	9492	12528	10141	13392	13957	13619	14066
Factory sugar beets	1605	3322	1086	1595	1601	1688	1135	777	662
Sunflowers	432	996	1186	1382	1256	1605	1452	1632	1897
Potatoes	19561	19223	18222	23496	22493	21599	22934	20383	21282
Vegetable crops	4835	6514	7158	8292	8583	8714	8297	7932	8092
Fruit and berry crops	1189	1490	1460	1596	1640	1851	1667	1741	1637
Grapes	154	185	148	185	163	191	195	180	157

18.26. Output of grain and leguminous crops, by region

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	24459	38016	39271	56747	46216	63051	63859	60126	66088
Autonomous Republic of Crimea ¹	1064	1160	1401	1928	906	765
oblasts									
Vinnitsya	1745	2035	3111	4244	3625	4852	5063	3768	5564
Volyn	503	677	579	748	869	902	1037	1062	1110
Dnipropetrovsk	1571	2908	2709	3456	1554	3710	3318	3866	3481
Donetsk	1011	1912	1797	2286	1643	2210	2363	1536	1793
Zhytomyr	721	750	1087	1507	1695	2109	1908	1460	2094
Zakarpattia	167	296	256	322	322	325	343	332	412
Zaporizhzhya	1150	1806	1905	2193	1196	2111	2418	2728	2624
Ivano-Frankivsk	253	335	346	537	616	678	780	689	773
Kyiv	1431	2284	2003	2785	3190	3343	3362	2820	3327
Kirovohrad	1378	2479	2374	3465	2339	3781	3469	3314	3726
Luhansk	442	1311	811	1269	1294	1293	1226	993	1274
Lviv	481	627	623	962	1066	1186	1422	1366	1429
Mykolayiv	921	1763	2201	2628	1278	2804	2864	2896	2726
Odesa	1581	2669	2929	3194	1880	3671	3677	3489	4403
Poltava	1408	2851	2854	5055	3645	5640	4821	5363	5783
Rivne	495	599	636	790	918	1109	1223	1102	1301
Sumy	968	1119	1324	2522	2668	3588	3940	3735	3816
Ternopil	741	1045	1261	1883	2164	2229	2651	2199	2449
Kharkiv	1268	2407	1266	3473	2716	4202	4466	4210	4317
Kherson	1166	1539	1515	2481	1055	1686	2156	2622	2262
Khmelnyskiy	1242	1205	1743	2180	2713	3039	3289	2793	3085
Cherkasy	1594	2217	2531	3762	3311	4068	3700	3745	4092
Chernivtsi	326	427	488	593	612	625	670	524	507
Chernihiv	832	1595	1518	2481	2939	3124	3693	3514	3740
city									
Sevastopol	3	3	2	1

¹ See the footnote to Table 18.3

18.27. Output of factory sugar beets, by region

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	13199	15468	13749	18740	18439	10789	15734	10331	14011
Autonomous Republic of Crimea	—	—	—	—	—	—
oblasts									
Vinnitsya	1916	2050	2457	3013	2844	2562	3044	2057	2639
Volyn	486	711	474	635	653	580	651	420	580
Dnipropetrovsk	270	359	33	82	44	38	29	31	54
Donetsk	37	47	17	25	20	16	19	10	12
Zhytomyr	388	595	304	565	553	424	640	607	607
Zakarpattia	—	—	—	—	—	—	—	—	—
Zaporizhzhya	27	26	3	2	—	—	—	—	—
Ivano-Frankivsk	202	151	80	99	132	69	121	33	64
Kyiv	1216	1562	1094	1491	1200	703	1329	882	1124
Kirovohrad	642	699	513	789	628	284	526	483	658
Luhansk	78	18	0	0	0	1	2	—	—
Lviv	401	437	529	674	834	654	781	583	678
Mykolayiv	130	146	19	23	59	146	66	85	210
Odesa	214	116	8	2	10	1	—	—	—
Poltava	975	1543	1802	2654	2895	1546	1740	1396	2090
Rivne	431	582	1010	1003	908	531	544	454	544
Sumy	773	644	336	822	592	31	77	75	79
Ternopil	1202	1476	1555	1989	1892	1003	1734	727	994
Kharkiv	1117	1103	462	985	876	388	841	539	1207
Kherson	25	33	—	—	—	—	—	—	... ¹
Khmelnyskiy	1146	1041	1606	1755	2219	1058	2363	1141	1586
Cherkasy	860	1253	977	1439	1429	482	863	491	544
Chernivtsi	322	181	104	148	95	9	109	6	... ¹
Chernihiv	341	695	366	545	556	263	255	311	290
city									
Sevastopol	—	—	—	—

¹ See the footnote to Table 18.14

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18.28. Output of sunflower, by region

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	3457	4706	6772	8671	8387	11051	10134	11181	13627
Autonomous Republic of Crimea ¹	38	26	36	56	74	109
oblasts									
Vinnitsya	67	87	275	289	347	507	531	504	820
Volyn	0	0	0	1	3	2	4	5	16
Dnipropetrovsk	452	613	856	1035	803	1173	945	1199	1264
Donetsk	462	473	592	777	742	778	740	528	620
Zhytomyr	0	6	27	61	92	104	169	141	232
Zakarpattia	1	2	2	4	6	10	6	5	7
Zaporizhzhya	444	735	758	1004	750	921	771	962	985
Ivano-Frankivsk	1	1	5	13	16	20	41	27	53
Kyiv	25	47	122	167	210	297	301	292	453
Kirovohrad	305	525	713	918	908	1229	1165	1170	1294
Luhansk	238	312	383	579	558	640	526	485	670
Lviv	—	0	0	2	5	19	29	28	68
Mykolayiv	251	427	586	632	692	940	728	939	1162
Odesa	311	340	328	431	481	777	674	755	1004
Poltava	201	288	466	543	553	730	711	848	824
Rivne	0	0	3	5	8	4	6	10	37
Sumy	40	27	129	238	291	419	424	471	488
Ternopil	1	1	13	22	23	30	42	75	149
Kharkiv	342	301	703	913	879	1118	1153	1172	1352
Kherson	155	289	361	418	296	357	272	486	613
Khmelnyskiy	3	3	42	65	73	77	87	106	347
Cherkasy	107	181	303	348	373	487	497	542	576
Chernivtsi	6	10	8	12	15	17	10	21	56
Chernihiv	7	12	61	138	189	286	302	410	537
city									
Sevastopol	0	0	0	0

¹ See the footnote to Table 18.3

18.29. Output of potatoes, by region

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	19838	19462	18705	24248	23250	22259	23693	20839	21750
Autonomous Republic of Crimea ¹	250	159	363	462	340	403
oblasts									
Vinnitsya	1418	1523	1580	1857	1733	1720	1994	1837	1848
Volyn	1194	975	986	1136	1161	1087	1132	1099	1132
Dnipropetrovsk	683	584	434	562	482	536	659	560	602
Donetsk	763	720	474	734	750	773	778	398	409
Zhytomyr	1065	1111	1166	1334	1344	1331	1304	1177	1317
Zakarpattia	478	544	501	590	609	615	611	546	534
Zaporizhzhya	291	329	269	284	321	234	272	258	264
Ivano-Frankivsk	845	755	766	887	928	899	915	942	975
Kyiv	1351	1121	1496	1826	1741	1492	1795	1434	1703
Kirovohrad	317	532	416	518	384	440	542	525	603
Luhansk	359	670	340	389	404	398	285	208	253
Lviv	1510	1297	1259	1825	1831	1573	1709	1622	1619
Mykolayiv	73	213	171	214	174	212	212	196	268
Odesa	316	406	541	555	503	510	537	495	541
Poltava	694	950	819	1273	951	984	1179	1138	1065
Rivne	876	912	1066	1378	1335	1299	1304	1228	1249
Sumy	928	917	980	1153	1128	1092	1326	1068	1066
Ternopil	1043	682	831	1247	1284	1206	1283	928	987
Kharkiv	1183	1270	475	973	980	1008	1115	1029	1078
Kherson	295	207	250	263	276	272	279	287	280
Khmelnyskiy	1077	978	1084	1474	1591	1306	1510	1065	1321
Cherkasy	940	929	760	925	763	748	808	778	839
Chernivtsi	418	420	496	628	602	597	617	586	595
Chernihiv	1471	1258	1178	1756	1631	1519	1527	1435	1202
city									
Sevastopol	4	5	4	5

¹ See the footnote to Table 18.3

18.30. Output of vegetable crops, by region

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	5821	7295	8122	9833	10017	9873	9638	9214	9415
Autonomous Republic of Crimea ¹	186	128	395	429	388	473
oblasts									
Vinnitsya	196	293	311	388	366	482	457	461	478
Volyn	111	215	249	279	282	282	277	276	289
Dnipropetrovsk	433	494	560	674	672	600	710	728	733
Donetsk	444	475	415	528	512	503	485	208	214
Zhytomyr	194	203	209	236	242	225	239	272	297
Zakarpattia	123	218	246	262	283	289	297	267	267
Zaporizhzhya	231	298	282	324	346	425	430	436	391
Ivano-Frankivsk	134	127	122	143	147	163	167	170	172
Kyiv	295	402	455	521	568	546	569	511	631
Kirovohrad	213	269	218	235	211	200	236	235	234
Luhansk	249	278	257	305	333	311	182	163	168
Lviv	269	380	412	470	471	457	480	484	506
Mykolayiv	174	267	354	481	521	463	492	483	501
Odesa	301	526	474	527	473	409	438	437	349
Poltava	199	350	406	500	492	463	522	517	522
Rivne	134	171	216	237	251	256	249	214	236
Sumy	138	140	154	189	185	189	194	189	200
Ternopil	140	145	194	252	255	252	271	255	259
Kharkiv	416	523	464	703	698	708	666	690	693
Kherson	421	526	841	1124	1288	1161	1282	1252	1278
Khmelnyskiy	155	225	209	235	225	209	209	187	228
Cherkasy	344	296	281	354	369	362	356	365	354
Chernivtsi	146	184	219	229	228	232	232	222	228
Chernihiv	175	162	175	204	208	210	198	192	187
city									
Sevastopol	4	4	3	3

¹ See the footnote to Table 18.3

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.31. Output of fruit and berry crops, by region

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	1453	1690	1747	1896	2009	2295	1999	2153	2007
Autonomous Republic of Crimea ¹	133	59	102	87	109	114
oblasts									
Vinnitsya	73	185	189	248	252	275	242	292	270
Volyn	39	28	34	36	36	38	40	38	37
Dnipropetrovsk	196	166	131	157	157	175	133	145	149
Donetsk	158	228	102	109	118	123	123	105	88
Zhytomyr	24	35	31	37	42	44	44	51	42
Zakarpattia	104	66	97	98	114	118	133	138	128
Zaporizhzhya	58	81	59	55	69	82	64	67	62
Ivano-Frankivsk	25	32	39	43	40	44	42	47	49
Kyiv	22	25	52	53	57	88	78	72	69
Kirovohrad	24	22	27	26	23	31	19	28	28
Luhansk	53	38	17	33	30	46	33	34	26
Lviv	90	74	90	91	94	97	99	107	108
Mykolayiv	24	37	38	44	36	48	32	36	31
Odesa	66	114	74	88	81	83	74	85	85
Poltava	22	40	101	94	91	116	107	106	77
Rivne	35	52	86	88	81	113	119	99	78
Sumy	5	9	14	15	14	16	16	17	16
Ternopil	11	21	18	26	43	56	66	71	74
Kharkiv	34	71	65	54	75	92	80	88	78
Kherson	65	59	59	87	80	82	75	65	57
Khmelnyskiy	78	149	158	141	154	167	153	205	200
Cherkasy	36	24	37	40	44	55	38	57	50
Chernivtsi	53	63	97	119	140	163	171	179	190
Chernihiv	25	12	16	14	15	16	18	21	15
city									
Sevastopol	14	13	14	13

¹ See the footnote to Table 18.3

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.32. Output of grapes, by region

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	513,8	442,6	407,9	521,9	456,0	575,4	435,6	386,3	377,8
Autonomous Republic of Crimea ¹	179,4	116,3	90,5	99,4	75,1	95,2
oblasts									
Vinnitsya	0,7	2,1	2,6	2,6	2,7	4,2	3,7	4,3	3,7
Volyn	0,3	0,3	0,3	0,2	0,3	0,3	0,3	0,3	0,3
Dnipropetrovsk	5,3	6,6	6,7	6,8	6,9	7,0	5,5	5,2	5,1
Donetsk	16,1	11,5	6,6	7,4	7,5	7,8	5,8	3,0	2,2
Zhytomyr	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Zakarpattia	41,9	27,2	20,3	20,8	21,9	26,2	29,0	27,2	24,8
Zaporizhzhya	3,1	4,7	5,9	6,8	6,0	8,5	6,5	5,0	5,4
Ivano-Frankivsk	0,7	0,7	0,7	0,7	0,7	0,8	0,7	0,8	0,8
Kyiv	0,1	0,2	0,6	1,3	1,6	2,3	2,2	1,9	2,2
Kirovohrad	1,5	0,6	1,6	2,0	2,3	2,4	2,2	2,4	2,6
Luhansk	1,4	1,1	0,9	1,1	1,1	2,3	1,5	1,3	1,1
Lviv	1,4	1,2	1,2	1,2	1,2	1,4	1,4	1,4	1,4
Mykolayiv	30,2	37,4	38,9	58,7	52,3	65,7	51,8	50,8	56,4
Odesa	201,4	193,3	175,1	229,1	212,3	256,6	263,7	238,7	231,2
Poltava	0,4	0,6	1,8	2,0	1,9	1,9	1,9	1,9	1,9
Rivne	0,1	0,2	0,2	0,2	0,3	0,3	0,2	0,2	0,2
Sumy	0,2	0,3	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Ternopil	0,0	0,1	0,1	0,1	0,1	0,1	0,2	0,2	0,2
Kharkiv	1,1	0,4	0,6	0,6	0,7	0,9	0,7	0,6	0,7
Kherson	26,3	36,1	29,3	51,3	39,4	62,6	54,0	36,9	34,0
Khmelnyskiy	0,3	0,3	0,5	0,7	0,6	0,6	0,6	0,6	0,6
Cherkasy	0,5	0,5	0,8	1,3	0,7	2,4	1,9	1,8	1,3
Chernivtsi	1,0	0,7	0,9	1,1	1,1	1,1	1,1	1,1	1,1
Chernihiv	0,3	0,1	0,1	0,2	0,1	0,4	0,4	0,4	0,3
city									
Sevastopol	21,4	26,0	18,9	24,1

¹ See the footnote to Table 18.3

18.33. Yields of agricultural crops in 1940–2016

(1 ha; centner)

	Grain and leguminous crops	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops	Fruit and berry crops	Grapes
1940	12,4	159	13,1	101	113	22,8	21,8
1950	10,2	168	8,1	107	62	21,2	13,1
1955	15,5	199	14,8	79	103	26,1	27,1
1960	15,5	199	10,6	89	103	22,1	34,3
1965	18,8	221	14,3	86	112	31,2	35,9
1970	22,8	252	14,8	99	120	25,9	37,6
1975	19,8	203	13,6	88	116	29,5	59,1
1980	22,5	213	13,0	79	146	28,7	51,0
1985	24,2	234	14,6	133	148	47,2	32,1
1990	35,1	276	15,8	117	149	42,7	58,3
1995	24,3	205	14,2	96	120	29,8	33,2
2000	19,4	177	12,2	122	112	38,4	51,7
2005	26,0	248	12,8	128	157	63,7	54,9
2010	26,9	279	15,0	132	174	78,2	60,3
2011	37,0	363	18,4	168	195	84,9	75,5
2012	31,2	411	16,5	161	199	89,9	67,2
2013	39,9	399	21,7	160	200	103,5	85,8
2014	43,7	477	19,4	176	208	95,2	98,6
2015	41,1	436	21,6	161	206	104,5	92,3
2016	46,1	482	22,4	166	211	101,9	88,4

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18.34. Yields of agricultural crops

(1 ha; centner)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Grain and leguminous crops	19,4	26,0	26,9	37,0	31,2	39,9	43,7	41,1	46,1
Winter crops	19,4	27,5	25,9	32,4	26,9	32,7	38,4	37,6	41,0
wheat	20,0	29,0	27,1	33,9	28,0	34,1	40,2	38,9	42,2
rye	15,2	17,3	16,6	20,7	22,7	22,8	25,8	25,9	27,3
barley	18,9	21,2	22,4	27,4	19,6	27,1	30,9	31,2	36,2
Summer crops	19,5	24,6	28,2	41,9	34,5	46,8	48,7	45,1	51,1
of which									
wheat	15,4	21,8	21,0	25,4	27,5	27,4	38,1	35,1	38,7
barley	18,6	20,6	18,3	23,4	21,4	21,6	29,7	28,5	31,3
oats	18,3	17,6	14,8	18,1	20,9	19,4	25,1	23,2	24,0
grain maize	30,1	43,2	45,1	64,4	47,9	64,1	61,6	57,1	66,0
millet	11,6	11,7	13,7	17,8	10,3	13,1	18,0	18,9	17,6
buckwheat	9,1	6,9	6,7	9,9	8,7	10,6	12,2	10,0	11,5
rice	35,6	43,4	50,5	57,3	62,1	60,0	50,0	53,4	53,9
legumes crops	17,0	18,9	15,1	14,6	15,6	14,5	21,4	20,4	27,3
Factory sugar beets	177	248	279	363	411	399	477	436	482
Sunflowers	12,2	12,8	15,0	18,4	16,5	21,7	19,4	21,6	22,4
Rape and colza	8,4	14,6	17,0	17,3	22,0	23,6	25,4	25,9	25,7
Soya	10,6	14,5	16,2	20,4	17,1	20,5	21,6	18,4	23,0
Flax (fiber)	4,2	5,4	4,0	5,9	8,6	7,3	6,3	8,9	9,0
Potatoes	122	128	132	168	161	160	176	161	166
Vegetable crops	112	157	174	195	199	200	208	206	211
Fodder roots (including fodder sugar beets)	238	273	276	313	302	321	323	289	301
Fodder corn	131	163	160	225	168	215	219	222	245
Annual hay grass	22,4	27,5	32,0	34,1	31,6	33,7	38,2	36,6	38,8
Perennial hay grass	20,6	29,7	35,8	38,0	36,5	38,3	45,7	38,1	41,7
Fruit and berry crops	38,4	63,7	78,2	84,9	89,9	103,5	95,2	104,5	101,9
Grapes	51,7	54,9	60,3	75,5	67,2	85,8	98,6	92,3	88,4

18.35. Yields of grain and leguminous crops in 2016, by region

(1 ha; centner)

	Grain and leguminous crops	Including					
		wheat	rye	barley	oats	corn grain	millet
Ukraine	46,1	42,1	27,3	33,0	24,0	66,0	17,6
Autonomous Republic of Crimea
oblasts							
Vinnitsya	64,2	57,1	31,6	47,1	33,7	84,7	23,5
Volyn	37,7	42,1	23,0	31,2	19,9	70,1	10,2
Dnipropetrovsk	31,9	34,6	24,7	25,1	22,6	35,3	17,4
Donetsk	33,0	37,6	25,9	26,4	29,6	29,6	15,6
Zhytomyr	53,5	44,9	27,5	37,6	25,4	81,1	17,7
Zakarpattia	44,8	34,5	19,3	28,9	23,9	54,7	—
Zaporizhzhya	29,7	31,6	36,3	26,4	19,5	29,2	15,4
Ivano-Frankivsk	51,0	47,5	40,4	44,0	28,5	69,6	... ¹
Kyiv	58,7	51,0	30,5	44,4	29,2	74,1	16,4
Kirovohrad	46,1	41,1	31,1	31,6	29,1	56,8	18,3
Luhansk	33,6	35,8	25,2	23,3	23,4	36,3	15,5
Lviv	47,0	46,6	30,8	46,2	25,6	70,1	19,6
Mykolayiv	32,7	36,1	22,2	27,6	22,6	39,0	17,0
Odesa	36,8	38,5	34,4	35,4	25,9	38,1	20,1
Poltava	61,8	45,1	30,9	32,6	25,4	77,4	21,7
Rivne	48,2	44,3	25,2	40,6	21,9	80,8	10,5
Sumy	59,1	42,3	24,4	29,5	21,6	83,2	21,2
Ternopil	52,6	49,2	36,5	45,6	28,1	73,8	14,8
Kharkiv	43,9	44,5	30,8	31,4	28,7	56,6	18,6
Kherson	34,1	35,2	22,5	27,6	19,1	65,0	18,5
Khmelnyskiy	57,7	55,7	46,8	47,3	28,1	75,1	26,5
Cherkasy	62,1	52,6	29,8	40,8	34,1	75,5	20,1
Chernivtsi	41,4	39,0	27,4	32,1	19,6	48,4	... ¹
Chernihiv	57,2	42,2	25,5	37,0	23,4	79,0	16,3
city							
Sevastopol

¹ See the footnote to Table 18.14

18.36. Yields of agricultural crops in 2016, by region

(1 ha; centner)

	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops	Fruit and berry crops
Ukraine	482	22,4	166	211	101,9
Autonomous Republic of Crimea
oblasts					
Vinnitsya	482	30,7	171	220	121,1
Volyn	429	24,3	157	219	80,5
Dnipropetrovsk	470	20,0	113	205	110,6
Donetsk	222	18,6	115	144	136,1
Zhytomyr	518	25,2	189	252	113,0
Zakarpattia	—	21,8	158	207	103,8
Zaporizhzhya	—	16,4	120	219	78,9
Ivano-Frankivsk	618	23,0	164	165	57,7
Kyiv	564	27,3	180	219	81,3
Kirovohrad	385	22,4	148	137	56,2
Luhansk	—	19,7	147	179	55,9
Lviv	514	25,7	172	198	84,6
Mykolayiv	591	20,8	142	263	66,7
Odesa	—	21,4	149	144	104,3
Poltava	545	26,4	197	213	133,5
Rivne	457	28,0	179	197	114,5
Sumy	433	24,8	185	189	49,4
Ternopil	440	27,0	168	223	127,1
Kharkiv	502	27,8	175	226	122,4
Kherson	... ¹	16,0	118	313	76,1
Khmelnyskiy	450	30,0	201	205	143,7
Cherkasy	426	28,3	164	173	91,8
Chernivtsi	... ¹	28,4	176	187	118,7
Chernihiv	423	25,9	151	175	46,1
city					
Sevastopol

¹ See the footnote to Table 18.14

18.37. Use of fertilisers in agricultural enterprises

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Mineral fertilisers (in nutrients)									
Applied for the harvest of the reference year, total, thsd.t	281,9	560,5	1064,2	1266,9	1346,6	1493,8	1471,7	1415,0	1728,9
Applied for seeds of agricultural crops, total, thsd.t	278,7	557,9	1060,6	1263,3	1343,0	1489,5	1469,0	1412,0	1724,4
Fertilized area, mln.ha	4,6	7,8	12,6	14,2	14,6	15,3	14,7	14,5	15,6
Share of fertilized area, percent	22	45	70	76	78	81	82	81	87
Applied per 1 ha, kg									
area under crops	13	32	58	68	72	79	82	79	96
fertilized area	60	72	84	89	92	97	100	98	110
Organic fertilisers									
Applied for the harvest of the reference year, total, thsd.t	28964,1	13387,3	9963,6	9954,2	9685,2	9652,9	9898,4	9662,7	9162,9
Applied for seeds of agricultural crops, total, thsd.t	28410,1	13245,8	9874,1	9845,7	9636,9	9602,6	9860,9	9636,3	9132,5
Fertilized area, mln.ha	0,7	0,5	0,4	0,4	0,4	0,4	0,4	0,4	0,5
Share of fertilized area, percent	3	3	2	2	2	2	2	3	3
Applied per 1 ha, t									
area under crops	1,3	0,8	0,5	0,5	0,5	0,5	0,5	0,5	0,5
fertilized area	39,8	28,5	24,4	26,5	24,2	23,0	24,4	21,8	19,2

AGRICULTURE, HUNTING, FORESTRY, FISHERY

CATTLE RAISING

18.38. Number of livestock animals in 1915–2016

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats		Horses	Poultry, mln. heads
	total	of which cows		total	of which sheep		
1915	9132	4116	6469	6904	6849	6454	...
1940	10996	5965	9186	7325	6700	4674	...
1950	11182	4812	7766	6740	5465	2245	...
1955	12424	6209	11736	9261	8052	2199	95,8
1960	17632	7814	18194	10631	10062	1840	129,6
1965	21324	8481	18920	9342	8646	1537	120,5
1970	21352	8563	20746	8971	8614	1322	155,2
1975	24180	8978	16847	9115	8863	1057	168,3
1980	25368	9271	19783	9051	8815	837	233,6
1985	26638	8851	20088	9222	8879	827	252,6
1990	24623	8378	19427	8419	7896	738	246,1
1995	17557	7531	13144	4099	3209	756	149,8
2000	9424	4958	7652	1875	963	701	123,7
2005	6514	3635	7053	1630	872	555	162,0
2010	4494	2631	7960	1732	1101	414	203,8
2011	4426	2582	7373	1739	1093	396	200,8
2012	4646	2554	7577	1738	1073	377	214,1
2013	4534	2509	7922	1735	1067	354	230,3
2014	3884	2263	7351	1371	786	317	213,3
2015	3750	2167	7079	1325	744	306	204,0
2016	3682	2109	6669	1315	719	292	201,7

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.39. Number of livestock animals, by category of enterprises

(end of year; thsd. heads)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
All categories									
Cattle	9424	6514	4494	4426	4646	4534	3884	3750	3682
of which cows	4958	3635	2631	2582	2554	2509	2263	2167	2109
Pigs	7652	7053	7960	7373	7577	7922	7351	7079	6669
Sheep and goats	1875	1630	1732	1739	1738	1735	1371	1325	1315
of which sheep	963	872	1101	1093	1073	1067	786	744	719
Poultry, mln. heads	123,7	162,0	203,8	200,8	214,1	230,3	213,3	204,0	201,7
Agricultural enterprises									
Cattle	5037	2492	1526	1511	1507	1438	1310	1270	1214
of which cows	1851	866	589	584	575	565	529	505	485
Pigs	2414	2602	3625	3319	3557	3879	3733	3704	3566
Sheep and goats	413	271	299	290	265	248	205	187	187
of which sheep	412	269	295	286	260	244	201	181	179
Poultry, mln. heads	25,3	66,6	110,5	105,7	117,9	132,1	122,1	112,0	109,8
including farms									
Cattle	102	110	95	103	110	112	104	106	106
of which cows	36	38	37	40	41	45	41	42	40
Pigs	54	150	295	260	265	273	250	276	273
Sheep and goats	6	33	58	63	62	59	47	44	45
of which sheep	6	33	56	61	59	57	45	41	40
Poultry, mln. heads	0,1	1,1	2,9	2,8	2,9	2,9	2,8	2,5	2,1
Agricultural holdings of households									
Cattle	4387	4022	2968	2915	3139	3096	2574	2480	2468
of which cows	3107	2769	2042	1998	1979	1944	1734	1662	1624
Pigs	5238	4451	4335	4054	4020	4043	3618	3375	3103
Sheep and goats	1462	1359	1433	1449	1473	1487	1166	1138	1128
of which sheep	551	603	806	807	813	823	585	563	540
Poultry, mln. heads	98,4	95,4	93,3	95,1	96,2	98,2	91,2	92,0	91,9

18.40. Number of livestock animals in 2016, by region

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry
	total	of which cows			
Ukraine	3682	2109	6669	1315	201668
Autonomous Republic of Crimea
oblasts					
Vinnitsya	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
city					
Sevastopol

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.41. Output of animal products in 1940–2016

	Meat (slaughter weight), thsd.t	Milk, thsd.t	Eggs, mln.pcs	Wool, t
1940	1127	7114	3273	13454
1950	1195	6804	3490	11884
1955	1351	9670	4292	17980
1960	2068	13995	7187	27583
1965	2221	16629	6941	22063
1970	2850	18712	9202	24837
1975	3516	21287	12429	28773
1980	3500	21112	14606	27243
1985	3918	23039	16645	28701
1990	4358	24508	16287	29804
1995	2294	17274	9404	13926
2000	1663	12658	8809	3400
2005	1597	13714	13046	3195
2010	2059	11249	17052	4192
2011	2144	11086	18690	3877
2012	2210	11378	19110	3724
2013	2389	11488	19615	3520
2014	2360	11133	19587	2602
2015	2323	10615	16783	2270
2016	2324	10382	15100	2072

18.42. Output of animal products, by category of enterprises

	2000	2005	2010	2011	2012	2013	2014	2015	2016
All categories									
Meat (slaughter weight), thsd.t	1663	1597	2059	2144	2210	2389	2360	2323	2324
of which									
beef and veal	754	562	428	399	388	428	413	384	376
pork	676	494	631	704	701	748	743	760	748
poultry	193	497	954	995	1075	1168	1165	1144	1167
Milk, thsd.t	12658	13714	11249	11086	11378	11488	11133	10615	10382
Eggs, mln.pcs	8809	13046	17052	18690	19110	19615	19587	16783	15100
Wool, t	3400	3195	4192	3877	3724	3520	2602	2270	2072
Agricultural enterprises									
Meat (slaughter weight), thsd.t	438	588	1134	1215	1271	1441	1452	1464	1490
of which									
beef and veal	305	154	105	97	97	111	99	94	99
pork	91	111	256	305	304	362	377	400	397
poultry	36	320	772	811	868	966	975	968	993
Milk, thsd.t	3669	2582	2217	2246	2535	2582	2648	2669	2706
Eggs, mln.pcs	2977	6458	10249	11738	11977	12234	12536	9762	8067
Wool, t	1311	692	710	647	556	470	379	314	266
including farms									
Meat (slaughter weight), thsd.t	8	14	48	56	55	64	57	52	56
of which									
beef and veal	6	6	6	8	9	10	9	8	10
pork	2	3	15	19	14	17	19	19	21
poultry	0	4	27	29	32	36	28	25	25
Milk, thsd.t	68	96	112	123	144	157	167	177	184
Eggs, mln.pcs	7	19	78	108	78	68	76	76	95
Wool, t	9	71	128	119	126	99	84	69	55
Agricultural holdings of households									
Meat (slaughter weight), thsd.t	1225	1009	925	929	939	948	908	859	834
of which									
beef and veal	449	408	323	302	291	317	314	290	277
pork	585	383	375	399	397	386	366	360	351
poultry	157	177	182	184	207	202	190	176	174
Milk, thsd.t	8989	11132	9032	8840	8843	8906	8485	7946	7676
Eggs, mln.pcs	5832	6588	6803	6952	7133	7381	7051	7021	7033
Wool, t	2089	2503	3482	3230	3168	3050	2223	1956	1806

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.43. Output of meat, by category

(slaughter weight; thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Meat of all kinds	1663	1597	2059	2144	2210	2389	2360	2323	2324
Beef and veal	754	562	428	399	388	428	413	384	376
Pork	676	494	631	704	701	748	743	760	748
Mutton and goat meat	17	16	21	20	20	19	14	14	13
Poultry meat	193	497	954	995	1075	1168	1165	1144	1167
Rabbit meat	14	13	13	14	14	14	13	13	12
Horse meat	9	15	12	12	12	12	12	8	8

18.44. Output of meat, by region

(slaughter weight; thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	1663	1597	2059	2144	2210	2389	2360	2323	2324
Autonomous Republic of Crimea ¹	69	115	144	147	146	128
oblasts									
Vinnitsya	93	49	62	65	83	178	264	309	324
Volyn	43	59	94	92	93	105	117	121	122
Dnipropetrovsk	85	118	207	226	226	227	225	230	240
Donetsk	86	89	103	117	127	126	105	90	86
Zhytomyr	64	45	48	49	50	54	51	53	53
Zakarpattia	45	44	50	52	58	59	60	53	51
Zaporzhzhya	74	52	57	63	62	62	64	61	57
Ivano-Frankivsk	52	56	64	72	76	79	83	86	80
Kyiv	116	165	193	211	227	241	235	216	199
Kirovohrad	53	45	46	45	49	50	53	53	52
Luhansk	51	48	45	47	46	50	38	22	21
Lviv	69	82	115	116	123	133	124	120	123
Mykolayiv	49	28	29	31	31	31	36	33	31
Odesa	89	51	46	47	46	46	47	49	46
Poltava	67	40	50	50	58	77	78	76	80
Rivne	60	46	50	55	56	59	60	54	55
Sumy	68	56	40	41	40	42	45	44	46
Ternopil	48	40	37	38	41	48	54	55	53
Kharkiv	84	95	83	79	77	90	95	94	95
Kherson	56	40	42	42	42	44	49	49	42
Khmelnyskiy	74	48	48	50	53	59	68	65	66
Cherkasy	74	102	326	329	322	318	325	314	324
Chernivtsi	29	31	39	40	43	42	42	41	42
Chernihiv	65	53	40	39	35	40	42	35	36
city									
Sevastopol	1	1	0	1

¹ See the footnote to Table 18.3

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.45. Output of milk, by region

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	12658	13714	11249	11086	11378	11488	11133	10615	10382
Autonomous Republic of Crimea ¹	403	347	348	330	306	292
oblasts									
Vinnitsya	655	849	836	839	847	857	852	838	854
Volyn	458	551	450	451	467	467	459	425	412
Dnipropetrovsk	522	494	340	342	343	348	357	345	319
Donetsk	473	514	339	327	333	325	283	228	193
Zhytomyr	656	732	578	569	595	598	590	578	567
Zakarpattia	360	396	392	389	401	410	410	358	320
Zaporizhzhya	354	384	262	248	258	265	268	261	259
Ivano-Frankivsk	523	576	466	452	466	470	483	474	467
Kyiv	679	693	451	439	476	476	467	446	438
Kirovohrad	385	395	343	332	309	322	324	311	308
Luhansk	318	409	284	276	282	280	252	159	124
Lviv	1032	930	656	630	621	619	601	571	543
Mykolayiv	347	432	364	366	367	371	369	344	342
Odesa	532	606	404	397	398	402	406	385	363
Poltava	589	754	701	725	778	785	814	794	796
Rivne	436	502	433	420	443	453	458	437	437
Sumy	480	498	431	418	427	427	427	418	415
Ternopil	506	485	417	418	460	486	481	461	453
Kharkiv	540	567	467	473	513	537	526	524	530
Kherson	320	357	306	302	311	309	303	300	296
Khmelnyskiy	657	722	608	598	595	592	602	581	590
Cherkasy	499	519	479	464	499	512	530	530	519
Chernivtsi	333	368	308	298	298	298	299	294	287
Chernihiv	601	634	581	578	581	582	572	553	550
city									
Sevastopol	5	5	4	5

¹ See the footnote to Table 18.3

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.46. Output of eggs, by region

(mln.pcs)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	8809	13046	17052	18690	19110	19615	19587	16783	15100
Autonomous Republic of Crimea ¹	447	582	799	780	733	507
oblasts									
Vinnitsya	349	570	798	847	806	805	804	857	880
Volyn	159	219	182	197	186	185	190	194	202
Dnipropetrovsk	437	881	998	1093	1093	955	1047	924	803
Donetsk	854	1389	1868	2323	2216	1940	1641	629	544
Zhytomyr	271	441	489	489	519	562	601	590	662
Zakarpattia	230	299	317	328	333	337	339	340	349
Zaporizhzhya	345	557	740	682	727	732	732	721	702
Ivano-Frankivsk	236	347	731	889	860	875	839	593	415
Kyiv	787	1463	2007	2333	2479	2545	2712	2743	2840
Kirovohrad	179	283	499	522	537	523	501	506	456
Luhansk	380	609	844	903	848	803	484	125	98
Lviv	466	548	577	544	520	531	519	537	546
Mykolayiv	164	314	573	617	554	300	500	284	272
Odesa	657	684	584	397	354	355	358	355	322
Poltava	405	538	620	600	672	641	621	668	726
Rivne	194	328	434	447	490	515	521	565	580
Sumy	285	371	268	344	378	425	441	415	401
Ternopil	234	290	370	379	414	428	433	490	539
Kharkiv	479	752	1101	1297	1140	1214	1042	700	512
Kherson	190	250	437	479	543	1201	1806	1578	1029
Khmelnyskiy	160	193	392	661	1195	1815	1929	1641	1026
Cherkasy	379	535	747	819	798	743	854	669	565
Chernivtsi	183	244	408	443	431	375	380	364	333
Chernihiv	339	359	257	264	271	289	293	295	298
city									
Sevastopol	12	13	13	14

¹ See the footnote to Table 18.3

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.47. Productivity of livestock animals

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Average annual milk yield per cow, kg									
All categories	2359	3487	4082	4174	4361	4446	4508	4644	4735
Agricultural enterprises	1588	2952	3975	4109	4676	4827	5027	5352	5643
Agricultural holdings of households	2960	3643	4110	4192	4276	4343	4363	4437	4473
Average annual wool yield per sheep, kg									
All categories	3,0	3,5	3,4	3,4	3,3	3,2	3,0	2,9	2,8
Agricultural enterprises	2,4	2,6	2,3	2,2	1,9	1,8	1,6	1,7	1,6
Agricultural holdings of households	3,8	3,8	3,8	3,8	3,8	3,6	3,5	3,3	3,2

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

(kg)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
All categories									
Cattle	320	381	427	424	438	441	437	448	447
Pigs	101	112	109	108	108	109	110	112	111
Sheep and goats	40	44	47	45	45	44	41	50	46
Enterprises									
Cattle	311	375	409	421	436	436	427	439	435
Pigs	91	110	108	108	108	109	110	112	111
Sheep and goats	35	42	47	45	43	41	40	50	46
Agricultural holdings of households									
Cattle	328	386	452	432	444	461	484	502	511
Pigs	116	138	132	117	125	137	123	119	100
Sheep and goats	42	44	48	45	51	52	45	54	54

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

(kg)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	2359	3487	4082	4174	4361	4446	4508	4644	4735
Autonomous Republic of Crimea ¹	2503	3415	3639	4078	3997	4104
oblasts									
Vinnitsya	2316	3658	4570	4683	4853	4909	4953	5137	5290
Volyn	2147	3239	3673	3846	4032	4070	4042	4082	4190
Dnipropetrovsk	2231	3710	4018	4164	4210	4281	4351	4387	4240
Donetsk	2399	4213	4438	4422	4440	4564	4118	4426	5011
Zhytomyr	2121	3358	4024	4104	4423	4510	4513	4877	5067
Zakarpattia	2554	2829	3582	3613	3795	3848	3844	3634	3387
Zaporizhzhya	2116	4100	4041	3975	4189	4189	4210	4266	4269
Ivano-Frankivsk	2475	3262	3647	3656	3831	3855	4054	4354	4609
Kyiv	2597	4262	5248	5406	5986	6011	6023	6048	6223
Kirovohrad	2553	3837	4630	4712	4582	4873	4917	4984	5160
Luhansk	2134	3724	4296	4267	4497	4551	4287	4197	4134
Lviv	3132	3590	3861	3927	4009	4087	4105	4180	4172
Mykolayiv	2037	3482	3839	3906	3939	4061	4033	4110	4208
Odesa	2263	3178	3697	3640	3503	3552	3561	3502	3464
Poltava	2352	3963	4826	5118	5545	5608	6019	6016	5930
Rivne	2131	3107	3682	3725	3875	3938	3951	4206	4486
Sumy	2271	3084	4142	4283	4513	4708	4757	4940	4986
Ternopil	2508	3107	3563	3710	4073	4287	4449	4561	4716
Kharkiv	2137	3537	4560	4521	4987	5246	5145	5483	5608
Kherson	2122	3301	3790	3808	3966	3948	4175	4163	4197
Khmelnyskiy	2383	3329	3816	3849	3968	3972	4136	4175	4340
Cherkasy	2389	3732	4682	4779	5257	5357	5494	5724	5780
Chernivtsi	2620	3645	4084	4187	4252	4313	4423	4764	4888
Chernihiv	2177	3159	4075	4239	4420	4496	4533	4735	4791
city									
Sevastopol	3670	3901	3512	3924

¹ See the footnote to Table 18.3

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.50. Animal products supplied for processing enterprises

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Livestock animals (live weight)									
Supply, total	451,9	489,0	1442,9¹	1476,0¹	1498,3¹	1724,3¹	1702,9¹	1689,9¹	1621,0¹
from									
enterprises	213,4	288,7	406,6	408,9	401,4	428,5	437,0	376,5	331,4
agricultural holdings of households	238,5	200,3	106,1	36,4	31,5	39,4	26,9	18,7	22,3
out of the total by type of agricultural animals									
cattle	341,9	334,9	224,7 ²	157,0 ²	152,0 ²	172,2 ²	141,0 ²	123,8 ²	128,5 ²
pigs	74,5	107,7	230,4 ²	286,9 ²	250,8 ²	308,3 ²	334,3 ²	325,3 ²	317,8 ²
poultry	16,7	38,3	947,8 ²	1015,8 ²	1075,4 ²	1226,8 ²	1215,3 ²	1203,3 ²	1134,1 ²
Milk of all kind									
Supply, total	3334,8	5689,0	4793,2¹	4615,1¹	4716,4¹	4570,2¹	4646,6¹	4251,2¹	4182,7¹
from									
enterprises	1819,6	1874,7	2193,0	2391,7	2684,4	2721,3	2880,0	2743,7	2511,9
agricultural holdings of households	1515,2	3814,3	2544,2	2155,3	2007,2	1824,0	1737,0	1346,1	1197,8

¹ Including goods for processing and own production of processing enterprises

² Including own production of processing enterprises

AGRICULTURE, HUNTING, FORESTRY, FISHERY

HUNTING

18.51. Basic hunting indicators

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total hunting estates	841	868	908	936	958	1043	1021	1044	1050
Area of hunting lands, end of year, mln.ha	47,8	47,3	46,7	46,5	44,6	42,7	37,5	38,7	38,3
of which covered by hunting regulations	37,1	39,5	44,6	45,2	40,2	35,2	35,4	37,8	37,7
Number of staff engaged in hunting (end of year), persons	4965	5887	7181	7319	7145	7055	6352	6457	6321
Number of animals on hunting management, thsd. heads									
ungulates	177,8	195,0	239,0	244,4	239,6	238,3	233,6	231,3	220,2
fur animals	2416,4	2348,4	2249,6	2189,2	2070,8	1944,2	1747,5	1705,5	1675,4
furred game	9417,5	9280,9	10672,9	10592,0	10523,5	10202,9	9169,3	9756,2	9888,4
Expenditure on hunting management (at current prices), mln. UAH	20,8	58,1	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	9,4	21,1	66,8	82,2	82,5	80,8	86,3	106,4	125,2
for keeping nurseries, aviaries, farms	0,3	1,2	4,1	4,8	5,1	5,4	7,4	7,4	7,0

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.52. Number of animals on hunting management

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ungulates, heads	177788	195005	238975	244374	239572	238296	233584	231294	220164
Elk	4771	4510	5524	5608	5556	6107	6399	6439	6583
Deer	15986	17606	19996	20303	18824	18254	15584	15985	16410
Wild boars	36181	43119	61715	63664	63632	63595	61615	56856	42887
Roe deer	118974	126267	147728	150795	147436	148097	148004	149729	151977
European bisons	426	303	268	255	266	254	232	245	235
Fallow deer	1021	2692	3232	3193	3215	1363	1206	1339	1286
Mouflons	370	419	420	455	544	606	544	701	786
Koulans	59	89	92	101	99	20	—	—	—
Fur animals, thsd. heads	2416,4	2348,4	2249,6	2189,2	2070,8	1944,2	1747,5	1705,5	1675,4
Squirrels	59,5	62,1	66,8	64,5	62,4	60,1	60,8	62,8	62,4
Hares	1874,1	1789,8	1645,9	1592,6	1492,4	1421,4	1256,8	1224,0	1212,4
Martens	53,1	59,5	63,2	64,1	63,1	59,4	58,0	57,7	56,3
Foxes	116,3	87,8	79,7	76,5	75,5	68,9	59,8	57,1	53,9
Musk-rats	146,4	172,0	187,0	183,7	170,2	137,9	132,6	121,3	114,3
Minks	3,4	3,6	5,8	5,7	6,2	6,0	6,6	7,5	7,1
Beavers	15,0	23,4	43,1	45,7	46,0	45,3	47,3	47,7	46,9
Wolves	2,8	2,6	2,7	2,7	2,6	2,6	2,0	2,1	2,1
Brown bears	0,3	0,3	0,4	0,4	0,3	0,3	0,3	0,3	0,3
Wild rabbits	0,2	0,3	0,2	0,5	0,2	0,1	0,1	0,1	0,2
Steppe marmots	76,7	69,8	67,4	66,4	67,7	64,0	45,5	48,1	42,0
Racoon dogs	9,9	10,6	11,2	11,1	11,4	11,2	11,1	10,9	10,5
Badgers	24,7	24,7	26,5	27,6	28,0	25,5	26,3	25,8	26,7
Otters	8,7	11,7	13,4	13,6	14,0	13,8	13,7	13,9	13,9
Black polecats	20,0	21,8	25,7	24,5	22,6	20,5	19,6	19,0	19,0
Forest cats	0,6	1,0	1,2	1,2	1,1	1,1	0,8	1,2	1,3
Lynxes	0,3	0,4	0,4	0,5	0,4	0,5	0,4	0,4	0,4
Ermines	4,4	7,0	9,0	7,9	6,7	5,6	5,8	5,6	5,6
Jackals	0,0	0,0	0,0	0,0	0,0	0,1
Furred game, thsd. heads	9417,5	9280,9	10672,9	10592,0	10523,5	10202,9	9169,3	9756,2	9888,4
including									
Partridges	1013,7	890,1	992,5	957,3	945,4	870,5	662,9	677,5	677,1
Wood grouses	3,8	3,8	3,8	3,9	3,2	3,5	3,4	3,4	3,1
Black grouses	13,3	12,7	11,0	11,3	12,1	12,6	12,5	13,7	11,5
Geese	162,2	103,7	117,5	114,2	92,9	98,2	89,1	92,2	92,1
Ducks	3125,3	2892,8	2866,2	2796,8	2679,1	2611,7	2386,5	2524,3	2593,9
Pheasants	271,2	281,6	336,4	350,7	352,4	347,9	278,8	305,4	307,1
Quails	799,3	927,9	1399,2	1354,1	1343,0	1314,4	1040,8	1239,1	1250,4
Hazel-grouses	16,4	21,6	23,9	24,4	22,6	21,5	21,3	20,9	20,7
Swans	55,1	21,9	19,1	21,5	21,9	23,0	22,0	27,1	28,0
Bittern	1527,4	1667,1	1892,7	1876,9	1773,1	1656,9	1498,1	1573,7	1585,0
Sandpipers	1018,0	938,4	1130,1	878,8	873,1	844,6	912,8	870,1	887,9
Pigeons	1411,8	1519,3	1880,5	1831,4	1897,2	1882,9	1712,7	1934,5	1990,8

AGRICULTURE, HUNTING, FORESTRY, FISHERY

FORESTRY

18.53. Forest and forested area

(source: State Service on Geodesy, Cartography and Cadaster of Ukraine; as of January 1, 2016)

Area, thsd.ha	10633,1
of which forested area	9698,9

18.54. Volume of the sold products (goods, services) of forestry

	2000	2005	2010	2012	2013	2014	2015	2016
Total (at current prices), mln. UAH	744,4	1991,1	4097,7	5911,6	6363,9	7739,9	10778,2	12838,8
including								
timber cutting products	...	1747,9	3530,2	5244,1	4095,8	7181,9	10176,9	12274,3
Share of timber cutting in general volume of products (goods, services) of forestry	...	87,8	86,2	88,7	64,4	92,8	94,4	95,6

18.55. Marketable timber produced

	Felling area, thsd.ha					Volume of the marketable timber produced, thsd.m ³				
	2000	2005	2010	2015	2016	2000	2005	2010	2015	2016
Total	455,1	464,7	402,2	399,3	386,4	11261,7	15244,3	16145,6	19267,7	19605,7
including										
main use										
felling	22,2	27,1	29,1	34,6	34,7	5236,4	6455,9	7239,0	8391,8	8425,0
forest harvesting and reproduction felling and other actions related to maintenance of forestry	432,9	434,7	371,3	363,1	350,0	6025,3	8664,8	8843,4	10767,8	11103,7
of which										
examination felling	...	125,6	94,7	94,4	97,5	1506,4	1574,0	1255,0	1101,9	1130,8
sanitation felling	...	11,4	18,6	27,4	29,5	3620,9	2032,0	3405,5	5296,1	5914,3
other actions not related to maintenance of forestry	...	2,9	1,8	1,6	1,7	...	123,6	63,2	108,1	77,0

18.56. Marketable timber produced by range of forest products

(thsd.cub.m)

	2000	2005	2010	2012	2013	2014	2015	2016
Marketable timber produced	11261,7	15244,3	16145,6	17506,7	18021,9	18333,2	19267,7	19605,7
Round timber, total	5239,2	6617,0	7536,0	7850,8	8102,1	8158,8	8302,6	8311,3
for the production of lumber and intermediate products of laminated plywood (round and split)	3476,2	4631,6	5731,5	6306,0	6644,8	7053,7	7019,8	6946,1
other ranges of round timber	...	953,1	1101,7	1025,9	986,1	721,5	811,9	873,3
Fuel wood	6022,5	8627,3	8609,6	9655,9	9919,8	10174,4	10965,1	11294,4
including								
firewood for heating	4058,5	4397,0	4102,3	4584,2	4960,9	5573,1	6293,8	6922,0
fuel wood for technological needs	1646,7	3748,6	3944,4	4398,8	4367,2	4601,3	4671,3	4372,4

18.57. Wood felling and procurement by species of wood¹ in 2016

	Felling areas, thsd.ha	Procured wood, thsd.cub.m	
		total	of which merchantable wood
Total	386,3	22602,3	19596,1
Pine	190,8	11692,7	10247,7
Spruce	28,0	2834,7	2273,7
Other conifers	7,7	492,7	422,3
Oak	84,0	2973,2	2588,3
Beech	25,0	1313,9	1096,4
Other hard-wooded broad leaved	29,9	1464,3	1300,7
Birch	8,5	736,3	673,2
Aspen	2,5	186,8	166,8
Alder	7,5	784,0	721,9
Other soft-wooded broadleaved	1,9	108,8	97,1
Other woody species	0,3	12,5	8,0
Shrubs	0,2	2,4	—

¹ Excluding the wood procured during the conduct of preparatory work

18.58. Forest felling and measures of forestry activities in 2016, by region

(thsd.ha)

	Area of felling and measures	main use felling	Including		
			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	
Ukraine	386,4	34,7	350,0	97,5	1,7
Autonomous Republic of Crimea
oblasts					
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
cities					
Kyiv	10,2	0,2	10,0	1,0	0,0
Sevastopol

AGRICULTURE, HUNTING, FORESTRY, FISHERY

18.59. Forest maintenance and reproduction felling and other measures, by region

(thsd.ha)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	432,9	434,7	373,1	389,7	386,2	383,6	349,0	364,7	350,0
Autonomous Republic of Crimea	4,8	3,7	3,3	3,7	3,9	3,3
oblasts									
Vinnitsya	22,7	23,2	18,3	17,3	16,2	14,0	13,6	14,9	14,8
Volyn	31,5	42,6	30,1	29,0	36,2	34,6	19,8	18,6	20,7
Dnipropetrovsk	3,9	2,4	1,7	2,5	2,5	2,9	2,5	3,2	4,1
Donetsk	3,4	3,2	5,6	5,8	4,9	4,5	1,6	3,1	3,2
Zhytomyr	39,5	47,0	47,3	52,1	49,4	53,7	47,3	52,4	47,7
Zakarpattia	18,6	27,7	24,4	21,0	20,7	22,1	25,8	23,6	19,8
Zaporizhzhya	1,5	1,7	1,9	2,0	1,9	2,0	2,0	2,5	2,2
Ivano-Frankivsk	36,7	17,7	21,3	20,3	21,7	24,5	24,8	25,8	23,1
Kyiv	27,4	32,1	24,4	26,3	22,5	21,4	19,5	21,3	24,2
Kirovohrad	4,1	4,7	4,4	5,1	3,7	2,6	3,0	3,8	3,7
Luhansk	10,5	8,6	12,3	15,3	15,8	15,0	9,8	8,4	10,5
Lviv	26,8	21,3	18,1	20,3	18,6	24,0	20,7	21,4	19,8
Mykolayiv	2,7	3,2	1,9	2,1	2,3	2,3	2,4	2,5	2,5
Odesa	4,3	5,6	4,1	3,8	3,7	5,2	4,9	5,9	5,5
Poltava	15,0	7,9	7,6	7,6	7,1	7,2	7,9	8,7	7,3
Rivne	45,3	45,4	38,7	36,9	37,7	34,8	32,0	31,4	25,7
Sumy	18,7	21,1	19,8	19,9	20,2	19,4	18,4	19,7	19,9
Ternopil	11,2	8,1	7,6	8,8	9,2	8,3	8,8	8,8	6,6
Kharkiv	9,5	15,4	10,7	11,7	14,8	12,7	13,5	13,6	14,3
Kherson	2,3	4,5	4,6	4,2	4,0	3,5	3,2	3,1	2,3
Khmelnyskiy	20,0	18,7	12,4	13,3	11,0	10,6	11,5	12,9	12,9
Cherkasy	17,6	20,6	16,2	16,6	16,8	14,1	14,2	15,2	14,8
Chernivtsi	12,8	11,4	11,0	12,5	11,9	12,0	12,4	12,0	12,2
Chernihiv	39,2	32,2	21,1	26,8	22,2	21,7	23,0	22,0	22,2
cities									
Kyiv	2,7	4,5	4,1	4,6	7,1	6,9	6,4	9,9	10,0
Sevastopol	0,2	0,2	0,2	0,2	0,2	0,3

18.60. Area of forest reproduction

(thsd.ha)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Creation of forest growing stock	37,8	58,6	70,1	72,4	70,1	67,7	58,0	60,4	63,2
including									
reforestation	29,8	45,9	56,1	55,7	53,5	48,9	38,0	40,4	42,3
natural reproduction	8,0	12,7	14,0	16,7	16,6	18,8	20,0	20,0	20,9
Transfer of forest crops into forest lands	26,9	26,5	40,0	43,4	48,7	48,6	46,5	45,5	42,1
Transfer of natural reproduction into forest lands	5,2	7,8	14,8	12,2	14,9	15,8	14,2	15,3	14,8

18.61. Areas of forest renewal by forest planting and sowing, by region

(ha)

	2000 ¹	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	29802	45855	56076	55694	53511	48902	38028	40417	42342
Autonomous Republic of Crimea	89	30	1411	1319	1080	977
oblasts									
Vinnitsya	1008	1276	2791	2225	1913	1910	1733	1963	2147
Volyn	1776	3093	2400	2414	2477	2324	1781	2108	2359
Dnipropetrovsk	522	406	1907	1341	970	467	390	246	223
Donetsk	403	583	1987	2149	995	900	547	241	264
Zhytomyr	3605	5308	4282	4911	5227	5332	5238	6416	7440
Zakarpattia	1687	1955	1122	1274	1408	1157	1261	1361	1386
Zaporizhzhya	438	624	2004	2232	2151	1977	500	363	83
Ivano-Frankivsk	1577	1699	1080	1310	1785	1890	1631	1772	1666
Kyiv	2121	3437	2307	2797	2865	2589	2458	3753	3599
Kirovohrad	389	844	2268	1843	1700	1455	1057	729	838
Luhansk	1756	4160	5849	5423	5010	4204	1528	437	1014
Lviv	2572	4138	2422	2615	2806	2297	2268	2413	2569
Mykolayiv	292	666	2498	1959	1708	542	356	148	241
Odesa	352	389	3218	2201	2212	2117	401	265	221
Poltava	552	1701	2035	2492	2261	2229	1746	1810	1783
Rivne	1868	2997	3505	4019	3978	4115	4096	4249	4386
Sumy	1383	1921	2214	2433	2270	2119	1934	1935	1895
Ternopil	760	959	839	899	761	666	635	716	734
Kharkiv	1587	1775	1068	1125	1317	1299	955	844	1129
Kherson	105	578	1581	1262	1318	1135	678	690	321
Khmelnyskiy	1120	1884	2053	1588	1256	1059	1141	1432	1626
Cherkasy	1020	949	1393	1483	1262	1352	1418	1313	1527
Chernivtsi	834	1391	1103	1140	1221	1191	1158	990	820
Chernihiv	1903	2894	2656	3100	3270	3341	2963	3977	3946
cities									
Kyiv	82	174	51	121	265	241	155	246	125
Sevastopol	1	24	32	19	25	17

¹ In addition, in forests of Ukrzaliznytsya, Ukrainian Railway Corporation (Ministry of Infrastructure of Ukraine), forest planting and sowing amounted to 11 ha in 2000

18.62. Forest protection from pests and diseases

(thsd.ha)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Areas where the operations were conducted to protect forests from pests and diseases	174,3	234,8	81,9	141,2	89,7	99,6	31,8	46,0	37,2
by biological methods	159,1	188,6	68,4	68,4	60,4	61,7	20,8	31,6	29,0
by chemicals	15,2	46,2	13,5	72,8	29,3	37,9	11,0	14,4	8,2
Areas where the pests and forest diseases centers were liquidated due to the conducted actions and under the influence of natural factors	71,8	138,1	101,0	121,8	215,2	185,8	172,0	123,1	119,0

18.63. Area of forest growing stock dying

(ha)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Area of forest growing stock dying	8908	12085	20864	16414	20187	16428	17642	27768	19405
including									
pests	388	860	1295	1505	1376	1492	1181	1183	2332
diseases	1278	3294	5632	6428	6463	6585	6638	7258	5921
adverse weather conditions	6421	6064	10113	6604	8469	7349	5991	8350	8042
forest fires	696	1437	3127	909	2915	285	2290	8564	1591
other	125	430	697	968	964	717	1542	2413	1519

18.64. Forest fires

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Incidents	3696	4223	3240	2526	2163	1113	2003	3813	1249
Forest areas suffered from fires, thsd.ha	1,6	2,3	3,7	1,0	3,5	0,4	13,8	14,7	1,2
Volume of the burned and damaged forest to stubs, cub.m	20249	34260	343840	11804	289291	2496	144694	170686	32559
Volume of the burned and damaged procured forest products, cub.m	398	58	677	2405	999	1341	1265	10387	257

18.65. Losses due to forest fires

(at current prices; mln. UAH)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total cost	1,4	3,5	26,7	3,2	56,1	1,4	51,7	20,2	8,6
Value of forest burned to the stubs	0,6	0,3	4,8	0,5	2,5	0,3	4,7	5,4	1,5
Value of the procured forest products and other material values	0,0	0,0	0,0	0,0	0,8	0,0	0,2	1,0	0,1
Value of forest renewal works	0,3	1,7	5,7	0,5	15,2	0,4	16,9	2,6	2,1
Value of works to clear the territory	0,1	0,8	12,8	0,6	34,6	0,1	27,5	3,9	2,6
Expenditure on fire suppression	0,4	0,7	3,4	1,6	3,0	0,6	2,4	7,3	2,3

AGRICULTURE, HUNTING, FORESTRY, FISHERY

FISHERY

18.66. Harvesting of water bio-resources¹

(t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total	350087	265585	218681	211182	203926	225802	91252	88552	88443
Inland water bodies	38210	37396	38364	37574	41569	45695	39612	38507	40754
of which freshwater basins	38188	37388	37947	36902	41066	45496	39092	37317	39099
of which									
lakes	693	2660	1435	2064	2173	2097	2859	2749	3148
rivers	1937	1806	2233	2244	2694	2905	1456	1804	2285
reservoirs	8087	6781	11824	10914	10969	10557	10122	11104	13905
ponds and other water bodies	24970	24343	18947	18280	22517	25401	24655	21660	19761
Exeptional (sea) economic zone of Ukraine	56990	61176	69725	74870	63454	78848	22181	34205	40335
Exeptional (sea) economic zone of other countries	175033	149622	110592	98738	98903	96578	20263	2427	... ²
High seas	79854	17391	—	—	—	4681	9196	13413	... ²

¹ From 2010 data include fishing by natural persons-entrepreneurs

² See the footnote to Table 18.14

18.67. Harvesting of water bio-resources, by type¹

(t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Fish	346699	234185	215017	205285	195490	216354	80958	73963	78490
including									
Grass carp	440	485	485
Silverside	456	305	166
Bullhead	752	9607	8888	6765	9163	13349	11851	15651	19507
Pondweed bug	124	244	123
Redeye	91	147	131
Crucian carp	4693	5305	7355
Flounder	...	216	215	707	235	722	101	86	142
Sprat	29422	31423	24230	23499	15704	12535	2078	1653	1360
Carp	8519	10531	9858	8762	10357	11524	9697	9807	9081
Bream	2209	1979	2713	2507	2830	3301	2761	2948	3512
Perch	224	270	517
Herring	73	270	485	432	227	381	90	155	245
Sturgeon	...	6	21	30	51	43	66	36	76
Mugil soiuy, mullet	5459	6035	3837	3705	1435	1296	599	379	714
Silver breams	777	881	1194
Sardines	46874	38979	22277	19748	9763	4883	6079	... ²	... ²
Mackerel	18357	2880	16814	14646	14710	13028	14183	... ²	... ²
Fresh-water catfish	...	46	207	190	247	360	264	289	293
Horse-mackerel	27734	25773	25852	20431	23417	25149	100	... ²	6
Pike-perch	1183	423	367	441	396	398	694	733	913
Roach (dace)	2421	1077	688	871	1540	1405	2283	2412	2847
Silver carp	15239	14705	11752	12139	12146	14778	12454	11523	10877
Black Sea sprat	9002	12563	10346	15314	8232	11730	7693	11794	13977
Trout	...	26	171	267	236	478	549	405	353
Khamsa	15356	5407	22486	25063	29800	36632	442	1244	2387
Baltic sprat	—	535	354
Pike	...	183	197	196	256	238	318	297	271
Other water living resources	3388	31400	3664	5897	8436	9448	10294	14589	9953
including									
Crustaceans	10	14077	41	49	61	4800	9303	13081	7842
Molluscs	3353	17256	2732	3884	8132	3817	634	900	1553
Aquatic plants	6	4	140	1359	61	210	2	... ²	... ²

¹ See the first footnote to Table 18.66

² See the footnote to Table 18.14

18.68. Harvesting of water bio-resources in 2016, by region¹

(t)

	Harvesting of water bio-resources			Fish harvested out of the total volume of water bio-resources
	total	including		
		inland water bodies	external (sea) economic zone of Ukraine	
Ukraine	88443	40754	40335	78490
Autonomous Republic of Crimea
oblasts				
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	... ²	... ²	... ²	... ²
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	—	... ²
cities				
Kyiv	... ²	... ²	... ²	... ²
Sevastopol

¹ See the first footnote to Table 18.66

² See the footnote to Table 18.14

19. CONSTRUCTION

The **construction work**, according to the *Classification of Types of Economic Activity*, State Classifier 009:2010, include general and specialized construction work of buildings and structures. This activity includes new construction, repair operations and reconstruction, construction of buildings and prefabricated structures on the site of operations as well as construction of temporary objects (Section F *Construction*).

Indices of construction produce are produced in line with international standards

for construction by the Technique approved by SSSU decree 224 of August 2, 2005 (as worded in SSSU decree 91 of March 14, 2013).

Residential buildings includes **dwelling: single-family house, houses with two and more apartments and boarding houses** (including old people's homes, student's hostels and others, e.g. refugee's hostels, hostels for workers and employees, orphanages, homes for the homeless etc).

19.1. Indices of construction output

(percent of the previous year)

	2011	2012	2013	2014	2015	2016
Total	118,6	91,7	88,9	79,6	87,7	117,4
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

19.2. Construction output, by type of construction output

(percent)

	2010	2011	2012	2013	2014	2015	2016
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0
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

CONSTRUCTION

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

	2011	2012	2013	2014	2015	2016
Ukraine	118,6	91,7	88,9	79,6	87,7	117,4
Autonomous Republic of Crimea	96,4	86,7	97,4
oblasts						
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
Zakarpattya	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
cities						
Kyiv	131,0	84,7	81,8	80,4	86,2	126,7
Sevastopol	114,1	87,3	112,2

CONSTRUCTION

19.4. Selected production capacities put into operation

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Power plants, thsd. kW	11,7	345,5	344,4	324,1	601,3	623,4	1012,3	33,4	520,0
Electric lines, km, with the voltage of									
35 kV and more	138	131	50	80	127	56	80	91	7
6–20 kV	447	191	173	93	89	61	62	35	38
0,4 kV	1123	1046	263	193	156	194	153	81	119
Step-down transformer substations with the voltage of 35 kV and more, thsd.kV·A	190,8	275,3	284,1	1251,0	206,6	1376,6	185,2	95,2	271,7
Main gas pipelines and branch pipes, km	355	403	91	147	149	74	34	22	27
Wells, pcs									
oil	48	42	16	15	5	11	4	13	1
gas	88	63	36	38	31	36	5	1	2
Capacities for production of									
prefabricated ferroconcrete structures and articles, thsd.cub.m	—	3,5	—	11085,0	0,2	1,2	962,7	—	12,0
construction bricks, mln. conventional bricks	15,5	22,0	3,0	81,0	12,0	33,0	30,0	—	—
varnish and paint, thsd.t	4,0	6,1	—	—	17,0	0,2	10,8	—	—
meat, thsd.t per year ¹	31,1	20,4	17,0	43,0	92,5	84,6	10,0	2,1	149,1
whole milk products, thsd.t per year ¹	37,1	7,1	14,7	7,7	122,1	—	0,3	—	—
cheese, thsd.t per year ¹	5,0	1,2	20,8	7,7	8,3	0,7	2,0	0,4	0,1
vegetable oil, thsd.t per year ²	1072,7	503,4	1096,9	539,5	626,6	1296,1	1422,2	763,4	244,2
canned fruits and vegetables, mln. conventional cans	11,5	11,0	11,0	20,8	0,5	0,1	—	—	—
Automated telephone stations, thsd. numbers									
urban	241,1	727,8	21,8	2,2	2,3	—	—	—	—
rural	47,8	111,6	2,7	3,0	—	—	—	—	—
Public roads with hard coating, km	194	101	8	93	102	7	—	0,5	1,6

¹ In 2000, t per shift² In 2000, t processed oil seeds per day

CONSTRUCTION

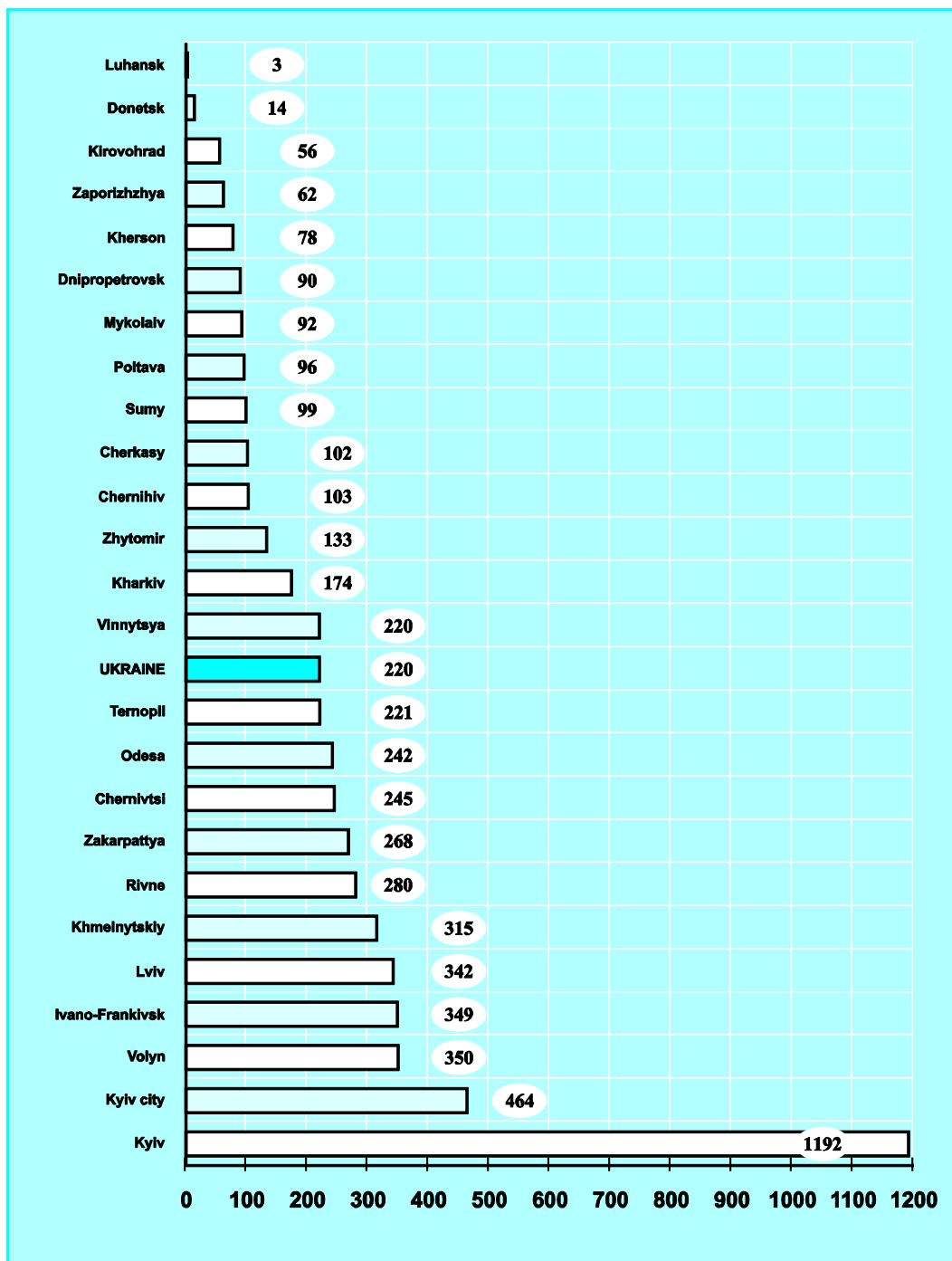
19.5. Agricultural production and capacities put into operation

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Premises for livestock (including mechanically operated barns), thsd. places									
cattle	6,0	1,2	3,4	23,3	14,4	7,6	10,5	7,4	2,7
pigs	5,3	10,0	23,7	15,1	2,8	0,8	15,4	18,5	2,3
sheep	0,7	—	0,2	—	0,1	—	0,1	0,1	0,2
poultry	45,3	3157,3	7229,4	5120,1	220646,7	2784,2	11194,7	191,2	3268,6
Irrigated areas, thsd.ha	0,01	0,1	0,5	0,8	0,3	2,0	3,7	3,5	2,7
Granaries, capacity in thsd.t	73,1	53,2	247,2	207,1	90,1	78,0	146,4	78,8	64,0
Storehouses for potatoes, fruit and vegetables, capacity in thsd.t	9,6	12,7	25,5	192,7	78,7	42,4	77,3	24,2	21,5
Silage and hay installations, thsd.cub.m	17,4	—	3,2	128,8	289,3	314,5	185,9	36,6	15,3

19.6. Residential buildings and social facilities put into operation

	Residential buildings ¹ , thsd.sq.m of total size		Pre-school educational institutions, thsd. places	Secondary educational institutions, thsd. admission number	Hospital facilities, thsd. beds	Clinics, thsd. visit per shift
	total	constructed by natural persons				
1950	7688	4651	...	76,3
1955	8733	5390	25,5	92,7	3,3	...
1960	20838	12595	77,1	255,1	10,1	...
1965	18892	9912	113,3	255,7	13,1	...
1970	18764	7606	84,5	255,0	10,6	27,5
1975	19842	7451	78,5	269,8	17,1	27,4
1980	17326	4641	93,2	156,4	12,1	27,4
1985	19193	5178	89,7	180,0	11,2	35,7
1990	17447	4397	47,6	163,9	6,4	20,4
1995	8663	3877	6,6	54,2	2,5	9,9
2000	5558	3351	0,6	15,4	0,8	2,3
2005	7816	4369	0,6	10,6	0,9	4,0
2010	9339	6190	0,6	7,1	1,1	5,3
2011	9410	5096	3,1	14,6	0,8	6,4
2012	10750	7021	2,4	8,5	1,1	4,1
2013	11217	6725	3,9	5,6	0,9	3,8
2014	9741	4501	1,7	2,6	0,2	3,5
2015	11044	5588	3,5	1,3	0,4	2,9
2016	9367	4082	4,6	2,9	0,5	4,0

¹ Here and elsewhere (Table 19.7–19.14), since 2010, 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, Decree 95 of March 19, 2013 and Decree 91 of June 24, 2011, and Ukraine Cabinet of Ministers' regulation 1035 of September 09, 2009)

19.7. Residential buildings put into operation in 2016, by region*(sq.m of total size per 1000 population)*

CONSTRUCTION

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	5558	7816	9339	9410	10750	11217	9741	11044	9367
Autonomous Republic of Crimea	179	283	535	504	733	963
oblasts									
Vinnitsya	141	350	292	321	322	352	288	391	350
Volyn	126	155	175	200	304	225	228	329	364
Dnipropetrovsk	431	375	226	235	267	306	205	340	293
Donetsk	344	329	293	289	346	416	191	43	58
Zhytomyr	118	192	201	162	174	175	118	213	166
Zakarpattia	213	232	293	326	366	380	395	442	336
Zaporizhzhya	131	159	144	62	194	180	112	101	108
Ivano-Frankivsk	217	332	600	580	533	631	909	856	481
Kyiv	337	635	1184	1050	1167	1515	1727	1864	2060
Kirovohrad	78	108	98	76	130	109	57	117	54
Luhansk	181	253	147	116	177	178	55	22	7
Lviv	372	499	642	723	732	675	954	1165	859
Mykolayiv	101	123	133	119	120	122	105	168	106
Odesa	268	450	640	793	770	637	891	632	576
Poltava	169	210	246	175	177	198	174	266	137
Rivne	107	145	207	229	239	270	279	361	324
Sumy	110	143	182	185	196	143	137	157	110
Ternopil	149	245	288	289	409	395	239	480	234
Kharkiv	249	367	416	335	380	392	281	384	469
Kherson	128	163	182	135	176	190	121	113	82
Khmelnyskiy	168	287	362	298	359	290	351	469	405
Cherkasy	109	161	187	111	131	130	127	193	126
Chernivtsi	116	201	294	217	407	341	235	382	222
Chernihiv	95	153	160	158	191	191	120	190	106
cities									
Kyiv	859	1201	1012	1501	1503	1509	1442	1366	1334
Sevastopol	62	65	200	221	247	304

CONSTRUCTION

19.9. Residential buildings put into operation by types

	2005	2010	2011	2012	2013	2014	2015	2016
Units								
Total	30434	33526	24573	35677	33084	21602	28853	21243
single-family house	29717	32991	23816	35008	32272	20613	27841	20254
houses with two and more apartments	713	520	746	662	794	981	1006	987
boarding houses	4	15	11	7	18	8	6	2
Thsd.sq.m of total size								
Total	7815,9	9339,3	9410,4	10749,5	11217,2	9741,3	11044,4	9366,8
single-family house	4385,7	6266,8	5189,0	7170,5	6787,7	4553,4	5580,0	4089,2
houses with two and more apartments	3410,9	3050,4	4178,9	3534,1	4361,7	5161,1	5435,2	5249,6
boarding houses	19,3	22,1	42,5	44,9	67,8	26,8	29,2	28,0
Percentage of total								
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
single-family house	56,1	67,1	55,1	66,7	60,5	46,7	50,5	43,7
houses with two and more apartments	43,7	32,7	44,4	32,9	38,9	53,0	49,2	56,0
boarding houses	0,2	0,2	0,5	0,4	0,6	0,3	0,3	0,3

CONSTRUCTION

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	4329	6088	6304	6965	7539	7672	6645	7465	6503
Autonomous Republic of Crimea	125	232	378	383	532	691
oblasts									
Vinnitsya	90	214	186	214	214	209	200	251	277
Volyn	81	114	94	111	170	106	111	165	183
Dnipropetrovsk	381	302	181	196	222	239	169	259	264
Donetsk	308	285	253	258	302	351	158	36	52
Zhytomyr	84	126	109	119	119	115	67	140	117
Zakarpattia	72	137	138	163	178	185	190	199	156
Zaporizhya	106	127	107	45	158	134	96	85	98
Ivano-Frankivsk	157	227	322	364	299	292	523	400	210
Kyiv	197	352	488	419	457	599	708	832	884
Kirovohrad	59	84	64	59	92	79	42	86	40
Luhansk	141	200	127	99	147	154	51	18	6
Lviv	248	344	404	526	455	432	647	822	653
Mykolayiv	92	109	119	105	101	109	92	141	98
Odesa	215	356	419	597	529	430	557	530	390
Poltava	123	161	179	125	127	123	129	181	83
Rivne	56	92	107	137	127	149	172	204	177
Sumy	83	115	145	148	152	113	113	132	93
Ternopil	126	200	188	224	268	250	187	300	187
Kharkiv	199	305	333	276	299	330	251	340	431
Kherson	101	122	127	77	103	134	81	81	71
Khmelnyskiy	117	233	277	250	299	232	311	411	350
Cherkasy	82	121	123	85	98	98	103	148	105
Chernivtsi	86	126	133	141	220	173	147	191	162
Chernihiv	81	141	103	127	139	141	98	147	82
cities									
Kyiv	859	1201	1012	1501	1503	1509	1442	1366	1334
Sevastopol	60	62	188	216	229	295

CONSTRUCTION

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	1229	1728	3035	2445	3211	3545	3096	3579	2864
Autonomous Republic of Crimea	54	51	157	121	201	272
oblasts									
Vinnitsya	51	136	106	107	108	143	88	140	73
Volyn	45	41	81	89	134	119	117	164	181
Dnipropetrovsk	50	73	45	39	45	67	36	81	29
Donetsk	36	44	40	31	44	65	33	7	6
Zhytomyr	34	66	92	43	55	60	51	73	49
Zakarpattia	141	95	155	163	188	195	205	243	180
Zaporizhya	25	32	37	17	36	46	16	16	10
Ivano-Frankivsk	60	105	278	216	234	339	386	456	271
Kyiv	140	283	696	631	710	916	1019	1032	1176
Kirovohrad	19	24	34	17	38	30	15	31	14
Luhansk	40	53	20	17	30	24	4	4	1
Lviv	124	155	238	197	277	243	307	343	206
Mykolayiv	9	14	14	14	19	13	13	27	8
Odesa	53	94	221	196	241	207	334	102	186
Poltava	46	49	67	50	50	75	45	85	54
Rivne	51	53	100	92	112	121	107	157	147
Sumy	27	28	37	37	44	30	24	25	17
Ternopil	23	45	100	65	141	145	52	180	47
Kharkiv	50	62	83	59	81	62	30	44	38
Kherson	27	41	55	58	73	56	40	32	11
Khmelnyskiy	51	54	85	48	60	58	40	58	55
Cherkasy	27	40	64	26	33	32	24	45	21
Chernivtsi	30	75	161	76	187	168	88	191	60
Chernihiv	14	12	57	31	52	50	22	43	24
city									
Sevastopol	2	3	12	5	18	9

CONSTRUCTION

19.12. Residential buildings put into operation, constructed by natural persons, by region*(thsd.sq.m of total size)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	3351	4369	6190	5096	7021	6725	4501	5588	4082
Autonomous Republic of Crimea	110	149	428	394	624	812
oblasts									
Vinnitsya	115	241	232	245	239	274	119	232	145
Volyn	100	94	146	169	261	183	180	255	268
Dnipropetrovsk	277	254	159	130	202	246	127	242	140
Donetsk	218	268	155	164	267	310	143	40	54
Zhytomyr	94	154	200	140	159	156	108	189	121
Zakarpattia	205	214	265	297	338	318	329	386	279
Zaporizhya	78	109	111	41	167	162	87	68	60
Ivano-Frankivsk	178	223	382	283	353	380	542	492	372
Kyiv	264	396	963	641	781	789	747	726	987
Kirovohrad	55	79	93	65	115	102	55	112	47
Luhansk	147	217	121	100	163	155	33	20	7
Lviv	261	349	495	463	539	500	568	624	372
Mykolayiv	69	75	96	67	107	89	68	137	52
Odesa	141	199	242	316	406	265	244	136	104
Poltava	123	116	144	99	114	140	81	137	70
Rivne	82	116	174	196	219	215	201	272	250
Sumy	73	94	126	119	144	94	80	81	55
Ternopil	100	108	189	122	268	203	76	290	79
Kharkiv	154	188	213	139	245	217	131	180	131
Kherson	90	133	176	121	165	143	103	96	44
Khmelnyskiy	118	144	220	152	226	182	94	169	123
Cherkasy	81	106	120	76	106	113	80	145	78
Chernivtsi	94	182	243	151	338	290	149	314	122
Chernihiv	63	74	109	96	150	131	56	129	50
cities									
Kyiv	40	65	263	234	236	162	100	116	72
Sevastopol	21	22	125	76	89	94

CONSTRUCTION

19.13. Residential buildings put into operation and the number of apartments built

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Commissioned, thsd.sq.m of total size	5558	7816	9339	9410	10750	11217	9741	11044	9367
in urban areas	4329	6088	6304	6965	7539	7672	6645	7465	6503
in rural areas	1229	1728	3035	2445	3211	3545	3096	3579	2864
Number of apartments built, thsd.	63	76	77	83	91	102	105	120	113
in urban areas	52	63	57	66	70	75	77	89	85
in rural areas	11	13	20	17	21	27	28	31	28
Per 1000 population									
Commissioned, sq.m of total size	113	167	204	207	237	248	227	259	220
in urban areas	130	192	202	224	242	247	225	254	222
in rural areas	77	113	210	170	225	249	232	269	217
Number of apartments built	1,3	1,6	1,7	1,8	2,0	2,3	2,5	2,8	2,6
in urban areas	1,6	2,0	1,8	2,1	2,2	2,4	2,6	3,0	2,9
in rural areas	0,7	0,8	1,4	1,1	1,5	1,9	2,1	2,4	2,1

19.14. Residential buildings put into operation

	Residential buildings put into operation			Of which constructed by natural persons		
	total	in urban areas	in rural areas	total	in urban areas	in rural areas
Units						
2000	31344	20746	10598	30386	20161	10225
2005	30434	18813	11621	29641	18100	11541
2010	33526	17144	16382	32720	16452	16268
2011	24573	13715	10858	23581	12952	10629
2012	35677	20279	15398	34785	19589	15196
2013	33084	17712	15372	31967	16880	15087
2014	21602	10226	11376	20321	9251	11070
2015	28853	13684	15169	27589	12691	14898
2016	21243	9521	11722	20089	8652	11437
Percentage of total						
2000	100,0	66,2	33,8	100,0	66,3	33,7
2005	100,0	61,8	38,2	100,0	61,1	38,9
2010	100,0	51,1	48,9	100,0	50,3	49,7
2011	100,0	55,8	44,2	100,0	54,9	45,1
2012	100,0	56,8	43,2	100,0	56,3	43,7
2013	100,0	53,5	46,5	100,0	52,8	47,2
2014	100,0	47,3	52,7	100,0	45,5	54,5
2015	100,0	47,4	52,6	100,0	46,0	54,0
2016	100,0	44,8	55,2	100,0	43,1	56,9

CONSTRUCTION

19.15. Capacity of secondary educational institutions put into operation, by region*(admission number)*

	2000		2005		2010		2014		2015		2016	
	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
Ukraine	15392	8616	10586	5172	7116	3621	2616	1075	1256	852	2885	1303
Autonomous Republic of Crimea	—	—	1372	—	—	—
oblasts												
Vinnitsya	40	40	50	50	—	—	15	—	—	—	132	—
Volyn	120	120	473	226	156	—	263	263	154	154	214	214
Dnipro- petrovsk	2828	1002	—	—	—	—	—	—	—	—	—	—
Donetsk	484	484	50	50	—	—	660	—	—	—	—	—
Zhytomyr	720	670	374	374	—	—	—	—	—	—	30	30
Zakarpattia	732	192	—	—	830	830	170	170	—	—	262	—
Zaporizhzhya	—	—	—	—	—	—	—	—	—	—	—	—
Ivano- Frankivsk	1770	1770	1288	928	712	—	—	—	—	—	40	—
Kyiv	540	—	50	50	225	225	—	—	186	186	120	—
Kirovohrad	—	—	—	—	—	—	—	—	—	—	—	—
Luhansk	25	25	—	—	75	—	—	—	—	—	—	—
Lviv	1604	1484	1059	828	276	276	264	264	34	34	400	40
Mykolayiv	360	—	—	—	492	—	—	—	—	—	—	—
Odesa	602	602	1206	1046	—	—	146	—	100	—	200	—
Poltava	1276	162	—	—	—	—	—	—	—	—	—	—
Rivne	—	—	366	366	1456	1456	96	96	—	—	789	749
Sumy	84	84	270	—	—	—	—	—	—	—	—	—
Ternopil	150	150	—	—	360	360	262	262	288	288	—	—
Kharkiv	689	689	654	120	—	—	20	20	—	—	90	90
Kherson	360	—	—	—	—	—	—	—	—	—	—	—
Khmelnyskiy	1302	882	2080	784	694	354	—	—	190	190	—	—
Cherkasy	—	—	—	—	860	—	—	—	—	—	—	—
Chernivtsi	180	180	1114	350	120	120	—	—	—	—	208	180
Chernihiv	260	80	—	—	—	—	—	—	—	—	—	—
cities												
Kyiv	1266	—	180	—	860	—	720	—	304	—	400	—
Sevastopol	—	—	—	—	—	—

CONSTRUCTION

19.16. Capacity of institutions of higher education put into operation

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Institutions of higher education ¹									
1 st and 2 nd accreditation level, thsd.sq.m of total school facilities	4,9	0,5	1,1	—	5,0	4,1	—	—	—
3 rd and 4 th accreditation level, thsd.sq.m of total school facilities	32,3	31,2	17,4	21,9	22,2	34,2	10,0	1,0	12,4

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

19.17. Capacity of hospital facilities put into operation, by region

(beds)

	2000		2005		2010		2014		2015		2016	
	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
Ukraine	784	65	853	21	1051	8	207	15	442	—	495	100
Autonomous Republic of Crimea	—	—	—	—	—	—
oblasts												
Vinnitsya	—	—	—	—	70	—	25	—	—	—	30	—
Volyn	—	—	19	15	—	—	—	—	—	—	—	—
Dnipropetrovsk	—	—	—	—	—	—	40	—	—	—	60	—
Donetsk	72	—	6	6	6	—	—	—	—	—	—	—
Zhytomyr	75	—	—	—	15	—	—	—	21	—	—	—
Zakarpattia	—	—	—	—	—	—	—	—	—	—	—	—
Zaporizhzhya	—	—	201	—	—	—	—	—	—	—	—	—
Ivano-Frankivsk	32	—	179	—	80	—	—	—	—	—	15	—
Kyiv	—	—	—	—	—	—	10	—	210	—	100	100
Kirovohrad	—	—	—	—	72	—	—	—	—	—	—	—
Luhansk	—	—	40	—	—	—	—	—	4	—	—	—
Lviv	—	—	40	—	6	—	—	—	—	—	—	—
Mykolayiv	—	—	40	—	—	—	—	—	—	—	15	—
Odesa	30	—	148	—	—	—	—	—	40	—	—	—
Poltava	—	—	—	—	25	—	—	—	17	—	7	—
Rivne	82	—	39	—	—	—	5	5	19	—	—	—
Sumy	—	—	38	—	—	—	—	—	—	—	44	—
Ternopil	80	—	—	—	—	—	4	—	—	—	40	—
Kharkiv	130	—	—	—	49	—	—	—	—	—	—	—
Kherson	—	—	—	—	60	—	—	—	—	—	—	—
Khmelnyskiy	68	65	—	—	43	8	10	10	60	—	60	—
Cherkasy	—	—	—	—	345	—	28	—	—	—	100	—
Chernivtsi	—	—	73	—	—	—	70	—	—	—	—	—
Chernihiv	52	—	30	—	45	—	—	—	—	—	—	—
cities												
Kyiv	163	—	—	—	235	—	15	—	71	—	24	—
Sevastopol	—	—	—	—	—	—

CONSTRUCTION

19.18. Capacity of clinics put into operation, by region*(visits per shift)*

	2000		2005		2010		2014		2015		2016	
	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
Ukraine	2283	800	4012	317	5271	522	3455	366	2944	126	4004	342
Autonomous Republic of Crimea	—	—	—	—	—	—
oblasts												
Vinnitsya	—	—	—	—	419	—	166	—	251	30	106	10
Volyn	13	—	124	124	16	—	41	13	81	18	48	—
Dnipropetrovsk	500	500	—	—	320	—	50	—	220	—	223	15
Donetsk	—	—	140	—	—	—	170	—	—	—	100	—
Zhytomyr	450	30	—	—	—	—	29	—	10	—	318	20
Zakarpattia	—	—	—	—	—	—	30	30	—	—	159	40
Zaporizhzhya	—	—	—	—	—	—	105	—	110	—	70	—
Ivano-Frankivsk	30	30	10	—	70	—	221	63	96	8	56	20
Kyiv	—	—	1580	—	600	—	330	250	300	—	1040	40
Kirovohrad	25	25	—	—	—	—	—	—	30	—	—	—
Luhansk	—	—	60	—	100	—	—	—	—	—	—	—
Lviv	—	—	430	30	544	200	402	—	171	—	180	64
Mykolayiv	—	—	40	—	36	20	141	—	144	—	390	—
Odesa	—	—	36	20	1042	42	206	—	714	—	230	—
Poltava	20	—	640	—	116	100	—	—	46	—	70	—
Rivne	75	75	215	15	106	80	7	—	—	—	20	—
Sumy	—	—	—	—	265	—	20	—	166	46	20	20
Ternopil	—	—	—	—	55	25	194	—	233	12	336	8
Kharkiv	—	—	220	—	—	—	3	—	120	—	—	—
Kherson	—	—	100	50	90	30	31	—	167	—	45	—
Khmelnyskiy	22	—	125	33	266	25	113	—	60	12	115	105
Cherkasy	—	—	45	45	384	—	770	—	—	—	80	—
Chernivtsi	128	120	—	—	12	—	40	—	5	—	126	—
Chernihiv	20	20	17	—	30	—	156	10	20	—	186	—
cities												
Kyiv	1000	—	210	—	800	—	230	—	—	—	86	—
Sevastopol	—	—	20	—	—	—

CONSTRUCTION

19.19. Capacity of health care, physical education and social protection facilities put into operation

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Children's hospitals, beds	—	222	25	76	179	—	—	—	—
Children's out-patient clinics, visits per shift	—	60	—	60	660	40	30	550	—
Maternity hospitals, beds	30	—	55	72	134	—	5	49	140
Antenatal clinics, visits per shift	—	30	—	332	81	—	50	—	30
Sanatoria, beds	717	286	626	1174	646	580	143	100	2
Recreation centres rest and homes, admission number	505	1059	2009	3306	3215	2017	1379	941	754
Homes for the aged and disabled, admission number	94	168	98	93	34	18	21	—	25
Stadiums, seats	4606	150	9643	100739	55127	6654	—	1180	1104
Gyms, sq.m	1611	6258	9930	17573	34968	47083	22607	15643	19534
Swimming pools, sq.m of water surface	—	3033	2310	2980	8660	5619	16106	2652	4911
Sports grounds, sq.m	3140	8189	15583	25599	176267	57517	34440	26873	71275
Sports clubs, places ¹	7	3738	1452	795	1591	953	1038	220	1011

¹ Before 2005, units

20. CAPITAL INVESTMENT

Capital investment is an investment for an acquisition of the new, which have been used or produced using one's own resources, tangible and intangible assets, expenditure for capital repair and modernization. **Investment into tangible assets** is investment into residential buildings, non-residential buildings, engineering structures, machines, equipment and tools, transport facilities, land, long-term biological assets of animal breeding and crop farming other tangible assets. **Investment into intangible assets** is investment into an acquisition or creation using one's own resources of the rights to use natural resources and property, software and databases, the rights for commercial brands, subjects of industrial property, copyrights and related rights, patents, licences, concessions, etc.

Capital investment is recorded by

enterprises-legal persons by their main types of economic activity, by territory of location (legal address).

Indices are compiled using data at comparable prices according to the Technique approved by SSCU Decree 494 of December 25, 2009.

Value indicators are presented at actual prices and used to produce the indicators of structure.

The estimation of investment per capita is made on the basis of average annual resident population.

Data on industry are given according to sum by types of economic activity: mining and quarrying; manufacturing; electricity, gas, steam and air-conditioning supply; water supply, sewerage, waste management and remediation.

CAPITAL INVESTMENT

20.1. Capital investment by type of assets

	2010	2011	2012	2013	2014	2015	2016
At current prices, mln. UAH							
Total	189061	259932	293692	267728	219420	273116	359216
Investment into material assets	182076	250501	285146	257144	212035	254731	347390
residential buildings	28736	29557	38549	41567	33177	45610	44865
non-residential buildings	38912	51325	56811	47908	40860	43331	59398
engineering structure	40757	67692	64849	58769	46599	50949	67517
machines, equipment and stock	55183	73167	85938	80971	68949	84423	123133
transport vehicles	11399	18925	28195	16602	13830	19650	36686
land	1292	2311	1804	1171	999	1442	1916
long-term biological assets of crop growing and cattle raising	2011	3070	1943	2456	2034	2762	3162
other material assets	3786	4454	7057	7700	5587	6564	10713
Investment into non-material assets	6985	9431	8546	10584	7385	18385	11826
including							
software and data bases	2826	3274	3427	3509	3207	4908	6315
rights on commercial notations, objects of industrial ownership, author's rights and related rights, patents, licences, concessions, etc	3070	4121	3678	5675	2974	12458	4181
Percentage of total							
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Investment into material assets	96,3	96,4	97,1	96,0	96,6	93,3	96,7
residential buildings	15,2	11,4	13,1	15,5	15,1	16,7	12,5
non-residential buildings	20,6	19,7	19,3	17,9	18,6	15,9	16,5
engineering structure	21,5	26,0	22,1	22,0	21,2	18,7	18,8
machines, equipment and stock	29,2	28,2	29,3	30,2	31,4	30,9	34,3
transport vehicles	6,0	7,3	9,6	6,2	6,3	7,2	10,2
land	0,7	0,9	0,6	0,4	0,5	0,5	0,5
long-term biological assets of crop growing and cattle raising	1,1	1,2	0,7	0,9	1,0	1,0	0,9
other material assets	2,0	1,7	2,4	2,9	2,5	2,4	3,0
Investment into non-material assets	3,7	3,6	2,9	4,0	3,4	6,7	3,3
including							
software and data bases	1,5	1,3	1,2	1,3	1,5	1,8	1,8
rights on commercial notations, objects of industrial ownership, author's rights and related rights, patents, licences, concessions, etc	1,6	1,6	1,3	2,1	1,4	4,6	1,2

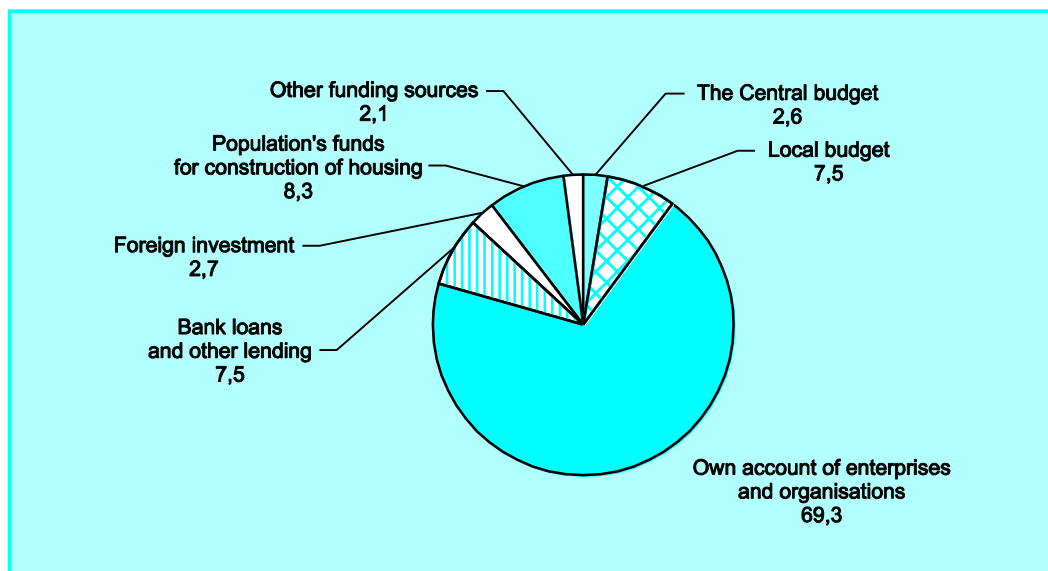
CAPITAL INVESTMENT

20.2. Capital investments, by source of financing

	2010	2011	2012	2013	2014	2015	2016
At current prices, mln. UAH							
Total	189061	259932	293692	267728	219420	273116	359216
including on account of							
the Central budget	10952	18395	17141	6498	2739	6920	9264
local budgets	6368	8801	9149	7219	5918	14260	26817
own account of enterprises and organisations	114964	152279	175424	170676	154630	184351	248769
bank loans and other lending	23336	42324	50105	40878	21739	20740	27106
foreign investment	4068	7196	5041	4881	5640	8185	9831
population's funds for construction of housing	20830	19573	25626	28345	22064	31985	29933
other funding sources	8543	11364	11206	9231	6690	6675	7496
Percentage of total							
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including on account of							
the Central budget	5,8	7,1	5,8	2,4	1,2	2,5	2,6
local budgets	3,4	3,4	3,1	2,7	2,7	5,2	7,5
own account of enterprises and organisations	60,8	58,6	59,7	63,8	70,5	67,5	69,3
bank loans and other lending	12,3	16,3	17,1	15,3	9,9	7,6	7,5
foreign investment	2,1	2,8	1,7	1,8	2,6	3,0	2,7
population's funds for construction of housing	11,1	7,5	8,8	10,6	10,0	11,7	8,3
other funding sources	4,5	4,3	3,8	3,4	3,1	2,5	2,1

20.3. Structure of capital investment in 2016, by source of financing

(percent)



CAPITAL INVESTMENT

20.4. Capital investment, by region*(at current prices; mln. UAH)*

	2010	2011	2012	2013	2014	2015	2016
Ukraine	189061	259932	293692	267728	219420	273116	359216
Autonomous Republic of Crimea	6927	16911	18332	15453
oblasts							
Vinnitsya	3545	5081	5824	6110	5675	7373	8302
Volyn	1767	2577	3255	3327	3390	6167	6384
Dnipropetrovsk	16017	22116	22509	21290	20357	25920	33169
Donetsk	14994	26802	31722	27912	13155	8304	11902
Zhytomyr	2011	2520	2893	3005	2905	4044	5573
Zakarpattia	2205	3052	2736	2646	2639	3778	4663
Zaporizhzhya	7964	6677	7204	6839	7035	7794	11040
Ivano-Frankivsk	4379	4256	5167	4797	6837	9609	7948
Kyiv	11331	17673	20367	20697	19653	24359	33411
Kirovohrad	2123	3993	4576	3224	3122	4057	6355
Luhansk	5646	6980	8223	11369	5223	2060	4122
Lviv	8830	12114	11173	9817	9555	13387	18605
Mykolayiv	4422	4298	4696	5009	3771	5990	9730
Odesa	9724	9347	14631	11872	9361	9984	16729
Poltava	6289	7859	10218	9536	8828	8338	15265
Rivne	1937	2566	2771	2837	2805	4334	4324
Sumy	2188	3022	2871	2721	2798	3663	5763
Ternopil	2138	2524	3375	2976	2590	3828	4888
Kharkiv	8063	13035	14759	9293	8032	11247	16546
Kherson	1891	2688	2436	2125	2208	3107	4591
Khmelnyskiy	2948	3547	3489	3638	4078	6809	9123
Cherkasy	2831	3225	3781	3413	3262	4486	6499
Chernivtsi	1715	1794	2229	2257	1687	2789	2669
Chernihiv	1891	2397	2737	2842	2621	3550	5319
cities							
Kyiv	53726	71143	79614	70321	67833	88139	106296
Sevastopol	1559	1735	2104	2402

CAPITAL INVESTMENT

20.5. Indices for capital investment, by region*(percent to the previous year)*

	2011	2012	2013	2014	2015	2016
Ukraine	118,8	108,5	88,9	75,9	98,3	118,0
Autonomous Republic of Crimea	256,0	109,1	69,0
oblasts						
Vinnitsya	127,6	101,2	113,0	77,7	102,5	102,5
Volyn	124,5	121,7	94,0	89,5	137,7	97,5
Dnipropetrovsk	122,1	94,0	93,8	80,2	98,2	115,5
Donetsk	153,3	112,6	79,6	44,0	41,1	145,1
Zhytomyr	88,7	110,3	105,3	79,6	110,5	127,5
Zakarpattia	133,7	81,8	87,1	94,6	114,1	93,9
Zaporizhzhya	70,4	101,9	95,9	89,8	84,9	131,3
Ivano-Frankivsk	87,6	114,3	87,6	126,9	110,2	65,3
Kyiv	130,8	118,3	96,0	80,0	99,0	124,8
Kirovohrad	144,2	122,1	68,2	78,9	101,6	147,0
Luhansk	114,3	124,3	142,6	39,2	26,1	146,4
Lviv	120,3	86,8	81,4	88,5	106,5	130,7
Mykolayiv	87,8	102,7	105,2	67,4	126,1	147,6
Odesa	81,8	153,8	80,6	67,3	79,6	163,4
Poltava	102,3	143,2	80,0	86,1	70,0	132,2
Rivne	117,2	106,0	93,6	80,7	126,9	91,2
Sumy	113,3	102,1	90,1	89,1	103,2	135,4
Ternopil	112,2	122,1	85,4	71,7	115,2	117,2
Kharkiv	144,3	111,3	59,6	76,9	109,6	135,9
Kherson	129,3	88,0	81,9	86,1	119,4	135,8
Khmelnyskiy	105,6	92,8	93,6	102,6	136,5	123,4
Cherkasy	97,4	118,2	88,0	80,3	111,1	135,0
Chernivtsi	95,5	111,9	96,4	63,9	132,4	85,9
Chernihiv	117,8	108,2	101,0	78,5	112,0	132,5
cities						
Kyiv	108,1	103,0	95,2	83,3	108,8	107,5
Sevastopol	90,3	112,0	108,3

CAPITAL INVESTMENT

20.6. Per capita capital investment, by region*(at current prices; UAH)*

	2010	2011	2012	2013	2014	2015	2016
Ukraine	4137,9	5709,6	6467,1	5908,9	5122,9	6399,9	8451,6
Autonomous Republic of Crimea	3541,7	8652,4	9375,3	7894,7
oblasts							
Vinnitsya	2163,0	3116,0	3587,4	3781,6	3530,5	4610,2	5224,0
Volyn	1708,5	2489,5	3139,5	3205,6	3261,2	5929,3	6144,0
Dnipropetrovsk	4791,6	6651,2	6798,9	6457,8	6204,0	7944,9	10239,5
Donetsk	3379,3	6084,2	7248,4	6421,5	3054,0	1945,6	2806,0
Zhytomyr	1567,5	1973,4	2274,4	2373,0	2305,5	3229,0	4477,5
Zakarpattia	1773,9	2449,0	2189,2	2111,9	2101,9	3007,0	3712,2
Zaporizhzhya	4410,3	3718,1	4030,0	3842,7	3974,1	4431,1	6323,7
Ivano-Frankivsk	3178,7	3090,5	3749,0	3478,3	4956,1	6964,6	5765,8
Kyiv	6611,5	10318,1	11875,7	12046,9	11415,8	14121,6	19340,1
Kirovohrad	2107,2	3994,0	4611,3	3273,1	3193,6	4180,6	6599,2
Luhansk	2458,2	3064,8	3638,3	5067,9	2347,0	932,9	1877,4
Lviv	3491,9	4798,6	4429,5	3893,7	3792,1	5317,1	7395,5
Mykolayiv	3729,6	3642,2	3996,3	4280,2	3235,5	5161,2	8435,7
Odesa	4087,7	3931,7	6145,7	4978,3	3924,4	4190,7	7036,7
Poltava	4233,0	5329,8	6975,8	6553,2	6106,2	5805,8	10712,0
Rivne	1683,0	2226,7	2400,1	2452,7	2420,0	3735,0	3723,7
Sumy	1878,3	2617,0	2506,3	2395,7	2485,0	3281,8	5207,0
Ternopil	1974,2	2339,4	3137,6	2776,1	2424,2	3595,3	4615,0
Kharkiv	2935,9	4769,5	5410,8	3409,9	2954,6	4151,1	6141,1
Kherson	1735,5	2478,8	2256,6	1978,4	2065,9	2921,4	4341,3
Khmelnyskiy	2220,7	2686,2	2655,7	2782,5	3134,7	5259,5	7090,6
Cherkasy	2200,5	2524,3	2978,4	2707,3	2604,9	3606,6	5268,7
Chernivtsi	1902,4	1989,9	2468,5	2494,9	1861,6	3075,6	2945,9
Chernihiv	1726,2	2209,6	2547,3	2671,8	2490,0	3407,8	5160,3
cities							
Kyiv	19530,3	25725,9	28552,9	24975,3	23910,0	30861,2	36974,2
Sevastopol	4115,8	4577,1	5532,0	6275,3

CAPITAL INVESTMENT

20.7. Capital investment, by type of economic activity*(at current prices; mln. UAH)*

	2010	2011	2012	2013	2014	2015	2016
Total	189061	259932	293692	267728	219420	273116	359216
Agriculture, forestry and fishing	11568	17039	19411	19059	18796	30155	50484
Agriculture, hunting and related services	11311	16703	19086	18640	18388	29310	49660
Forestry and logging	183	287	282	385	381	789	777
Fishing	73	49	43	34	27	56	47
Industry	56725	89146	103473	105594	86242	87656	117754
Construction	32790	34855	44895	46318	36057	43464	44444
Wholesale and retail trade; repair of motor vehicles and motorcycles	18868	24390	24801	22379	20716	20663	29957
Wholesale and retail trade and repair of motor vehicles and motorcycles	1432	2748	1115	991	962	1469	1758
Wholesale trade, except of motor vehicles and motorcycles	12158	15068	17706	15322	13245	13536	18258
Retail trade, except of motor vehicles and motorcycles	5277	6574	5980	6066	6509	5658	9941
Transport and storage, postal and courier activities	19592	25977	32808	18833	15498	18704	25107
Land and via pipeline transport	6771	9051	15144	4601	3916	8120	15931
Water transport	179	149	117	133	205	303	234
Air transport	617	853	775	540	410	648	616
Warehousing and support activities for transport	11901	15772	16385	13347	10837	9529	8126
Postal and courier activities	125	151	386	212	130	104	200
Accommodation and food service activities	1671	2225	2856	2477	1482	1393	1478
Accommodation	1291	1649	2117	1858	867	890	756
Food and beverage service activities	380	576	739	619	615	503	722
Information and communication	8654	9753	10189	9923	8175	22975	15651
Publishing, audiovisual and broadcasting activities	1935	2647	2782	2397	1841	2304	2821
Telecommunications	6366	6518	6782	6886	5664	19537	10705
IT and other information services	354	588	625	640	670	1134	2125
Financial and insurance activities	5883	6033	7369	6683	6214	6448	7679
Real estate activities	10264	15265	12774	14025	11230	11899	19665
Professional, scientific and technical activities	5648	11444	9245	3825	2921	4065	6579
Legal, accounting, management, architecture, engineering, technical testing and analysis activities	4750	10007	7788	2834	2315	3244	4966
Scientific research and development	578	725	569	603	375	518	758
Advertising and market research, other professional, scientific and technical activities, veterinary activities	320	712	889	388	231	303	855
Administrative and support service activities	3171	4143	5253	4314	3565	6535	10009
Public administration and defence, compulsory social security	8324	12298	12699	8217	5808	13942	22381
Education	1935	2224	1503	1054	821	1540	2257
Human health and social work activities	2295	2425	3111	2157	1224	2367	4479
Arts, entertainment and recreation	1004	1520	2846	2640	509	1044	970
Other services	669	1196	460	230	162	266	322

CAPITAL INVESTMENT

20.8. Indices for capital investment, by type of economic activity*(percent of the previous year)*

	2011	2012	2013	2014	2015	2016
Total	118,8	108,5	88,9	75,9	98,3	118,0
Agriculture, forestry and fishing	133,7	112,8	100,1	84,6	127,1	149,5
Agriculture, hunting and related services	134,1	113,2	99,6	84,6	126,1	151,4
Forestry and logging	145,3	86,4	141,6	87,9	166,1	89,2
Fishing	34,4	188,8	72,0	48,5	248,5	59,4
Industry	141,6	107,5	100,3	74,3	80,1	118,7
Construction	91,0	118,0	95,7	80,7	96,4	91,3
Wholesale and retail trade; repair of motor vehicles and motorcycles	105,6	113,7	92,8	73,9	75,7	125,0
Wholesale and retail trade and repair of motor vehicles and motorcycles	175,5	50,3	77,9	79,3	122,8	113,1
Wholesale trade, except of motor vehicles and motorcycles	99,4	129,5	95,5	68,3	72,4	123,0
Retail trade, except of motor vehicles and motorcycles	104,2	102,5	88,2	90,5	76,8	132,1
Transport and storage, postal and courier activities	114,7	115,3	56,8	72,2	93,0	135,2
Land and via pipeline transport	114,3	152,3	38,1	59,5	166,7	180,2
Water transport	169,6	156,1	79,0	169,5	129,3	60,1
Air transport	119,1	108,4	70,4	49,7	166,5	100,6
Warehousing and support activities for transport	114,5	93,9	72,5	78,9	64,2	100,1
Postal and courier activities	112,8	252,1	54,0	49,8	56,8	124,5
Accommodation and food service activities	121,2	109,0	85,8	103,1	67,4	136,3
Accommodation	118,9	103,1	82,7	135,3	61,4	121,3
Food and beverage service activities	128,8	126,9	93,3	75,3	76,7	154,8
Information and communication	74,8	101,0	108,7	75,9	221,8	63,1
Publishing, audiovisual and broadcasting activities	71,7	92,6	123,5	83,7	100,4	107,8
Telecommunications	72,9	103,4	105,1	73,7	261,6	53,8
IT and other information services	134,1	94,9	116,6	81,1	139,1	160,2
Financial and insurance activities	77,3	126,5	95,0	88,6	82,3	108,3
Real estate activities	125,0	74,1	106,3	79,4	82,5	175,2
Professional, scientific and technical activities	171,3	90,7	35,3	66,1	117,9	127,4
Legal, accounting, management, architecture, engineering, technical testing and analysis activities	177,0	89,3	27,9	78,9	112,5	126,0
Scientific research and development	113,0	108,8	107,3	41,3	124,7	104,5
Advertising and market research, other professional, scientific and technical activities, veterinary activities	159,0	98,8	87,0	30,9	184,3	175,3
Administrative and support service activities	105,7	200,8	49,7	103,0	136,9	145,9
Public administration and defence, compulsory social security	140,9	96,7	58,7	57,8	226,2	139,4
Education	89,9	69,4	64,5	64,9	152,7	143,8
Human health and social work activities	99,4	127,9	71,9	43,9	145,8	198,5
Arts, entertainment and recreation	121,4	96,5	141,3	31,8	144,2	77,8
Other services	191,8	29,7	35,6	94,8	106,7	119,4

CAPITAL INVESTMENT

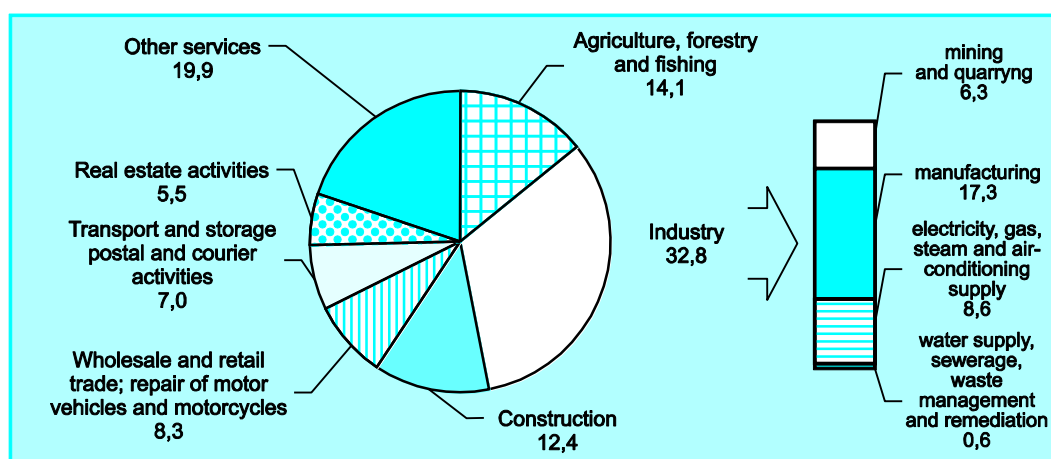
20.9. Capital investment, by industrial activity*(at current prices; mln. UAH)*

	2010	2011	2012	2013	2014	2015	2016
Industry	56725	89146	103473	105594	86242	87656	117754
Mining and quarrying	15728	24252	31528	22863	20011	18466	22546
Manufacturing	30579	42742	43032	46240	42474	46219	62223
Manufacture of food products, beverages and tobacco products	8665	12254	13558	15275	13487	13548	21291
Manufacture of textiles, apparel, leather and related products	492	543	372	483	623	987	1796
Manufacture of wood and paper products, and printing	1392	3602	2264	2444	2012	4031	4959
Manufacture of coke, and refined petroleum products	1419	1603	1240	675	534	580	759
Manufacture of chemicals and chemical products	2492	2839	3586	3593	2175	1680	1708
Manufacture of pharmaceuticals, medicinal chemical and botanical products	566	802	824	1073	1413	1623	1598
Manufacture of rubber and plastics products, and other non-metallic mineral products	3856	4379	3884	4281	3989	3818	6255
Manufacture of basic metals and fabricated metal products, except machinery and equipment	6719	9810	9282	10898	11833	12470	14663
Manufacture of computer, electronic and optical products	235	415	508	209	224	420	537
Manufacture of electrical equipment	669	642	685	1013	602	585	1402
Manufacture of machinery and equipment n.e.c.	1621	2224	2853	2175	2021	1945	2318
Manufacture of transport equipment, trailers, and semitrailers and other	1724	2474	2882	3202	2628	3332	3388
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	729	1155	1094	919	933	1200	1549
Electricity, gas, steam and air-conditioning supply	9680	21136	27134	34490	22895	21347	30734
Water supply, sewerage, waste management and remediation	738	1016	1779	2001	862	1624	2251

CAPITAL INVESTMENT

20.10. Indices for capital investment, by industrial activity*(percent of the previous year)*

	2011	2012	2013	2014	2015	2016
Industry	141,6	107,5	100,3	74,3	80,1	118,7
Mining and quarrying	140,3	129,7	67,8	73,4	73,9	115,6
Manufacturing	124,6	95,6	107,7	79,0	86,3	114,4
Manufacture of food products, beverages and tobacco products	137,3	96,6	112,8	78,3	75,9	124,4
Manufacture of textiles, apparel, leather and related products	103,3	86,6	101,7	105,5	135,9	167,7
Manufacture of wood and paper products, and printing	241,5	52,5	138,6	62,0	150,0	93,6
Manufacture of coke, and refined petroleum products	93,7	74,1	51,5	74,3	90,2	100,6
Manufacture of chemicals and chemical products	90,4	96,2	99,2	68,7	72,3	83,5
Manufacture of pharmaceuticals, medicinal chemical and botanical products	88,2	135,1	115,6	119,7	91,0	94,3
Manufacture of rubber and plastics products, and other non-metallic mineral products	85,9	101,7	103,1	76,2	83,1	153,5
Manufacture of basic metals and fabricated metal products, except machinery and equipment	125,3	95,9	114,9	89,9	83,5	105,9
Manufacture of computer, electronic and optical products	146,1	69,7	96,6	80,7	130,7	152,9
Manufacture of electrical equipment	100,6	126,0	96,1	66,3	99,3	136,6
Manufacture of machinery and equipment n.e.c.	125,6	123,8	80,7	72,6	74,1	109,4
Manufacture of transport equipment, trailers, and semitrailers and other	152,7	115,2	105,4	70,4	107,2	90,1
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	157,2	98,2	119,3	54,8	94,3	131,2
Electricity, gas, steam and air-conditioning supply	194,0	102,5	131,5	70,3	72,3	129,9
Water supply, sewerage, waste management and remediation	132,8	163,4	133,8	34,7	123,2	137,4

20.11. Structure of capital investment in 2016, by type of economic activity*(percent)*

CAPITAL INVESTMENT

20.12. Capital investment in residential construction, by region*(at current prices; mln. UAH)*

	2010	2011	2012	2013	2014	2015	2016
Ukraine	28736	29557	38549	41567	33177	45610	44865
Autonomous Republic of Crimea	2130	2202	3105	4144
oblasts							
Vinnitsya	899	1031	1028	1256	780	1277	1110
Volyn	557	589	889	710	812	1315	1440
Dnipropetrovsk	884	790	953	1025	927	1422	1481
Donetsk	897	1257	1715	1738	673	114	179
Zhytomyr	454	403	461	503	470	865	684
Zakarpattia	704	810	1059	1083	1141	1494	1232
Zaporizhzhya	413	182	775	471	261	337	457
Ivano-Frankivsk	1381	1151	1490	1679	2419	2511	2124
Kyiv	3512	3258	4116	4446	4491	6135	7061
Kirovohrad	251	238	311	298	163	339	162
Luhansk	335	281	431	458	101	138	114
Lviv	1582	1888	2316	2262	3026	4030	3950
Mykolayiv	236	250	341	357	267	493	497
Odesa	1573	1887	2439	1733	1540	1362	1687
Poltava	560	506	675	910	742	1112	962
Rivne	555	747	832	958	870	1200	1357
Sumy	530	513	641	481	468	572	521
Ternopil	759	648	1116	1045	682	1480	1069
Kharkiv	974	861	1579	1500	1142	1642	2252
Kherson	429	318	386	362	282	345	245
Khmelnyskiy	796	624	863	1111	1579	3035	3619
Cherkasy	433	290	405	391	412	933	737
Chernivtsi	785	723	1333	1291	754	1485	846
Chernihiv	408	448	625	613	398	705	500
cities							
Kyiv	5846	6889	7478	9447	8777	11269	10579
Sevastopol	853	773	1187	1295

CAPITAL INVESTMENT

20.13. Indices for capital investment in residential construction, by region*(percent of the previous year)*

	2011	2012	2013	2014	2015	2016
Ukraine	85,6	117,1	104,1	83,5	108,5	89,1
Autonomous Republic of Crimea	90,2	132,6	125,3
oblasts						
Vinnitsya	93,2	92,3	113,8	56,4	128,8	80,5
Volyn	89,0	135,6	74,7	104,5	128,3	98,7
Dnipropetrovsk	74,1	103,5	108,3	71,0	136,8	80,7
Donetsk	110,3	125,1	96,5	33,6	10,9	155,0
Zhytomyr	67,4	105,6	105,5	84,0	142,0	75,7
Zakarpattia	96,5	117,9	95,7	95,5	103,1	77,1
Zaporizhzhya	45,0	374,1	59,4	51,8	104,1	115,8
Ivano-Frankivsk	70,9	115,7	104,5	133,9	83,3	75,5
Kyiv	81,3	113,2	101,4	90,9	102,2	113,8
Kirovohrad	77,6	120,1	89,0	49,6	164,1	44,3
Luhansk	71,9	146,8	100,1	19,5	110,1	59,1
Lviv	96,2	114,5	91,5	121,1	95,6	86,2
Mykolayiv	81,0	135,0	98,3	74,2	142,6	84,9
Odesa	109,8	113,5	67,0	83,9	69,0	114,4
Poltava	75,5	112,4	116,8	91,1	112,4	78,7
Rivne	107,1	108,3	108,4	80,5	110,4	105,7
Sumy	72,1	129,3	65,1	96,0	97,0	90,9
Ternopil	73,1	153,4	86,9	60,2	169,1	65,7
Kharkiv	75,1	152,2	95,7	67,5	122,0	123,6
Kherson	60,3	112,1	87,1	70,7	98,5	60,9
Khmelnyskiy	67,5	128,4	109,6	133,2	156,2	116,8
Cherkasy	54,6	121,9	91,9	74,0	236,2	74,5
Chernivtsi	82,1	165,8	91,1	52,8	154,8	52,3
Chernihiv	98,7	134,8	90,0	60,5	140,7	60,3
cities						
Kyiv	92,8	90,7	139,3	84,7	103,4	79,8
Sevastopol	75,5	132,6	104,1

21. TRANSPORT AND COMMUNICATIONS

Freight shipped is the total quantity of goods expressed in tons (gross), shipped.

Freight transported refers to the total freight loaded and shipped by selected type of carrier (trucks, railway coaches, sea and river vessels and aeroplanes) or pipelines. Freight is measured in tons (pumping of gas or ammonia is measured in tons or cubic meters).

Freight traffic is measured as the weight of shipped freight multiplied by the distance of shipping every lot. It is measured in ton-kilometres (sea shipment is measured in ton-miles).

Passengers carried is the total number of passengers admitted for transport.

Transport passengers is the total number of passengers transported by category of carrier (busses, motor cars, trolley buses, trams, passenger railway coaches, sea and river vessels and airplanes).

Passenger traffic is the total activity of passenger transport. This equals the total number of passengers (passenger groups) transported multiplied by passenger-kilometre (passenger-miles for water transport).

Intracity transport refers to passenger transportation within the boundaries of an inhabited locality.

Commuter transport includes passenger transportation by routes, the length of which does not exceed 50 km

regardless of administrative division apart from city routes.

Long-distance transport refers to passenger transportation by routes, the length of which exceed 50 km and which are within boundaries of the Autonomous Republic of Crimea, region (inter-oblast) or are outside the Autonomous Republic of Crimea, region (interregional).

Density of the transport network is the length of the transportation network per unit of Ukraine's territory.

Intensity of freight and passenger transport, by type of routes shows how the road network is used when transporting freight or passengers. Estimated by dividing the volume of transport activity by the length of the road network.

Average distance of transport is defined by dividing freight and passenger traffic by the quantity of shipped freight and transported passengers respectively.

Products (services) by post and communication companies is the volume of services rendered post and by communication companies to households, businesses, organisations, establishments and other consumers (delivery of newspapers, magazines, letters, telegrams, money orders and pensions mailed, long-distance and international telephone phone calls made).

TRANSPORT AND COMMUNICATIONS

TRANSPORT

21.1. Freight shipped in 1940–2016, by mode of transport

(mln.t)

	By mode of transport			
	rail ¹	road ²	sea	river
1940	200	187	5,4	4,6
1950	228	366	6,6	4,3
1955	348	687	13,8	9,8
1960	504	1678	20	12,8
1965	663	2362	29	17,4
1970	795	3058	38	27,3
1975	976	4057	46	42,3
1980	981	4392	47	51,3
1985	1024	4727	56	57
1990	974	4897	53	66
1995	360	1816	21	13
2000	357	939	6,3	8,3
2005	450	1121	8	13
2010	433	1168	4	7
2011	469	1253	4	6
2012	457	1260	4	4
2013	444	1261	3	3
2014	386	1131	3	3
2015	350	1021	3	3
2016	343	1086	3	4

¹ According to data from the Public joint-stock partnership *Ukrainian rail*. Before 1995, dispatched cargo; since 2000, cargo transportation

² Including shipments for one's own needs. Since 1980, including cargo transportation by pick-ups and vans with car chassis; since 2005, including commercial cargo transportation by natural persons-entrepreneurs

21.2. Freight shipped, by mode of transport

(mln.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Transport	1529	1805	1765	1887	1853	1837	1623	1474	1543
Land	1514	1784	1754	1877	1845	1831	1617	1468	1536
rail ¹	357	450	433	469	457	444	386	350	343
road ¹	939	1121	1168	1253	1260	1261	1131	1021	1086
pipeline	218	213	153	155	128	126	100	97	107
Water	15	21	11	10	8	6	6	6	7
sea	6,3	8	4	4	4	3	3	3	3
river	8,3	13	7	6	4	3	3	3	4
Air ²	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1

¹ See the relevant footnotes to Table 21.1

² Since 2003, state Aviation Administration of Ukraine

TRANSPORT AND COMMUNICATIONS

21.3. Share of freight shipped, by mode of transport

(percent)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Transport	100	100	100	100	100	100	100	100	100
Land	99	99	99	99	100	100	100	100	100
rail ¹	23	25	24	25	25	24	24	24	22
road ¹	61	62	66	66	68	69	70	69	71
pipeline	15	12	9	8	7	7	6	7	7
Water	1	1	1	1	0	0	0	0	0
sea	0	0	0	0	0	0	0	0	0
river	1	1	0	0	0	0	0	0	0
Air ²	0	0	0	0	0	0	0	0	0

¹ See the relevant footnotes to Table 21.1

² See the second footnote to Table 21.2

21.4. Volume indices for freight shipped, by mode of transport

(percent of the previous year)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Transport	99,5	104	109	107	98	99	90	91	105
Land	99	104	109	107	98	99	90	91	105
rail ¹	107	97	111	108	97,5	97	89	91	98
road ¹	98	109	109	107	101	100	92	90	106
pipeline	94	96	99	101	83	98	80	98	110
Water	101	104	113	89	79	81	102	108	104
sea	98	98	87	102	83	99	95	117	92
river	103	109	136	82	75	66	111	100	115
Air ²	206	125	103	105	133	81	85	88	107

¹ See the relevant footnotes to Table 21.1

² See the second footnote to Table 21.2

TRANSPORT AND COMMUNICATIONS

21.5. Freight traffic in 1940–2016, by mode of transport

(bln.tkm)

	Total	By mode of transport					
		rail ¹	road ²	sea	river	pipeline ³	air ⁴
1940	79,0	71,9	1,7	4,3	1,1	...	0,0
1950	97,4	85,0	3,6	7,7	1,1	...	0,0
1955	163,8	141,6	7,3	11,7	3,2	...	0,0
1960	269,0	216,4	17,7	30,7	4,1	0,1	0,0
1965	410,4	292,8	27,4	80,1	4,5	5,5	0,1
1970	611,6	380,2	41,6	172,3	6,1	11,2	0,2
1975	743,2	458,9	58,6	192,7	8,9	23,9	0,2
1980	839,6	469,6	70,1	168,8	10,7	120,2	0,2
1985	985,6	497,9	71,8	248,3	12,2	155,2	0,2
1990	1039,3	474,0	79,7	265,6	11,9	208,0	0,1
1995	544,0	195,8	34,5	123,1	5,7	184,9	0,0
2000	394,1	172,8	19,3	8,6	5,9	187,5	0,0
2005	473,6	224,0	35,3	9,6	6,3	198,1	0,3
2010	418,7	218,1	53,9	5,2	3,8	137,3	0,4
2011	445,7	243,9	57,3	5,1	2,2	136,8	0,4
2012	412,6	237,7	57,5	3,6	1,7	111,7	0,4
2013	399,6	224,4	58,7	3,2	1,4	111,6	0,3
2014	353,6	210,2	56,0	4,1	1,3	81,8	0,2
2015	334,7	195,1	53,3	3,9	1,6	80,7	0,2
2016	344,2	187,6	58,0	2,5	1,5	94,4	0,2

¹ According to data from the Public joint-stock partnership *Ukrainian rail*

² See the second footnote to Table 21.1

³ Prior to 1980, oil and oil products including oil pipeline *Druzhba*

⁴ See the second footnote to Table 21.2

21.6. Freight traffic, by mode of transport

(bln.tkm)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Transport	394,1	473,6	418,7	445,7	412,6	399,6	353,6	334,7	344,2
Land	379,6	457,4	409,3	438,0	406,9	394,7	348,0	329,1	340,0
rail ¹	172,8	224,0	218,1	243,9	237,7	224,4	210,2	195,1	187,6
road ²	19,3	35,3	53,9	57,3	57,5	58,7	56,0	53,3	58,0
pipeline	187,5	198,1	137,3	136,8	111,7	111,6	81,8	80,7	94,4
Water	14,5	15,9	9,0	7,3	5,3	4,6	5,4	5,4	4,0
sea	8,6	9,6	5,2	5,1	3,6	3,2	4,1	3,9	2,5
river	5,9	6,3	3,8	2,2	1,7	1,4	1,3	1,6	1,5
Air ³	0,0	0,3	0,4	0,4	0,4	0,3	0,2	0,2	0,2

¹ See the first footnote to Table 21.5

² See the second footnote to Table 21.1

³ See the second footnote to Table 21.2

21.7. Distribution of freight traffic, by mode of transport

(percent)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Transport	100	100	100	100	100	100	100	100	100
Land	97	97	98	98	99	99	98	98	99
rail ¹	44	47	52	55	58	56	59	58	55
road ²	5	7	13	13	14	15	16	16	17
pipeline	48	42	33	30	27	28	23	24	27
Water	3	3	2	2	1	1	2	2	1
sea	2	2	1	1	1	1	1	1	1
river	1	1	1	0,5	0,4	0,3	0,4	0,5	0,4
Air ³	0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1

¹ See the first footnote to Table 21.5

² See the second footnote to Table 21.1

³ See the second footnote to Table 21.2

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21.8. Freight shipped, by rail of general use¹

(mln.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total shipment	357	450	433	469	457	444	386	350	343
coal	98	120	118	123	122	119	...	73	73
coke	11	11	11	12	12	12	...	8	8
oil and oil products	27	27	31	33	27	23	...	17	15
ferrous metals	45	49	40	43	39	39	...	29	29
timber	3	5	5	5	4	5	...	5	4
grains, cereals and flour	6	13	13	15	24	23	...	29	32
ore	65	80	82	89	87	88	...	85	77
cement	4	9	6	7	6	6	...	6	6
chemical and mineral fertilisers	10	12	12	15	13	11	...	10	11
other freight	88	124	115	127	123	118	...	88	88

¹ See the first footnote to Table 21.1

21.9. Freight shipped, by river

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total shipment	8350	12869	6989	5721	4295	2840	3145	3156	3642
By type of freight									
oil and oil products	—	27	3	—	—	—	—	—	—
coal	245	1210	618	326	248	328	223	86	123
coke	240	160	296	77	46	38	57	36	46
all kind of ores	1594	3086	2250	1303	514	239	398	465	593
construction	3791	5891	3027	3210	2690	1372	1209	1174	1299
chemical and mineral fertilisers	116	206	89	93	130	124	138	166	125
timber	9	4	—	4	—	1	15	4	31
paper	4	31	6	3	3	1	2	3	3
all kind of metals	1599	795	189	128	78	196	520	481	512
machines and equipment	48	38	26	27	27	0,2	1	—	0
sugar	11	43	1	—	—	—	—	—	—
grains, cereals and flour	211	920	287	290	426	391	471	561	491
cotton, flax	4	—	—	—	—	—	—	—	—
freight in containers	26	—	3	—	—	—	—	1	—
other freight	452	458	194	260	133	150	111	179	419
By type of communication route									
international	4314	5828	3322	2084	1229	1147	1153	1189	1398
coastal	4036	7041	3667	3637	3066	1693	1992	1967	2244

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21.10. Freight shipped, by sea

(thsd.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total shipment	6316	8575	4068	4146	3458	3428	2805	3292	3033
By type of freight									
oil and oil products	344	10	249	275	253	189	77	71	53
coal	271	99	45	21	19	18	—	28	—
coke	89	37	—	5	41	19	14	6	27
all kind of ores	1038	758	206	155	69	64	111	892	725
construction	965	1812	704	885	503	464	118	110	68
chemical and mineral fertilisers	201	211	46	121	85	89	43	32	17
timber	262	259	30	15	12	11	5	7	55
paper	97	25	0	3	2	—	3	3	—
all kind of metals	1003	2038	535	401	501	838	1166	1170	1077
grains, cereals and flour	247	1062	656	749	527	170	132	110	100
freight in containers	733	781	92	105	50	67	22	30	38
other freight	1066	1483	1505	1411	1396	1499	1114	833	873
By type of communication routes									
international	5241	6334	2959	2973	2495	2708	2383	2046	1903
coastal	1075	2241	1109	1173	962	720	422	1246	1130

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21.11. Freight shipped by road, by region¹

(mln.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	938,9	1120,8	1168,2	1252,4	1259,7	1260,8	1131,3	1020,6	1085,7
Autonomous Republic of Crimea	17,0	20,1	22,4	18,5	16,5	17,6
oblasts									
Vinnitsya	28,3	26,9	30,1	34,2	34,7	33,2	32,8	30,0	28,9
Volyn	7,6	10,3	10,1	11,5	11,7	10,4	10,1	10,6	12,5
Dnipropetrovsk	234,9	303,7	359,2	355,9	345,1	376,1	361,7	300,4	284,2
Donetsk	125,3	170,5	149,8	166,3	174,4	168,1	68,0	77,0	118,6
Zhytomyr	29,3	35,0	40,1	44,5	46,7	45,4	47,1	52,1	39,9
Zakarpattia	10,8	13,7	11,9	11,3	10,1	9,5	8,9	9,1	9,2
Zaporizhzhya	40,0	46,3	64,9	61,8	51,4	35,1	31,4	28,5	29,0
Ivano-Frankivsk	13,1	10,0	9,1	9,2	9,8	9,3	10,7	14,3	15,7
Kyiv	36,3	33,5	41,0	42,3	44,6	37,3	36,9	40,6	48,2
Kirovohrad	16,3	25,1	28,1	33,3	30,7	34,2	45,7	43,8	38,8
Luhansk	26,1	31,8	24,3	26,3	24,7	28,7	26,9	27,3	16,1
Lviv	29,6	20,3	19,5	22,2	23,4	21,4	20,9	20,6	21,5
Mykolayiv	13,6	30,8	21,9	21,8	20,5	19,5	19,4	19,5	23,0
Odesa	24,9	23,0	26,3	26,0	25,2	22,7	21,0	22,2	22,6
Poltava	95,3	108,9	142,1	182,7	209,8	220,6	213,8	161,4	193,0
Rivne	15,5	18,4	13,7	14,7	13,7	13,4	12,2	12,5	14,8
Sumy	19,4	13,4	10,8	11,6	11,7	11,4	12,2	11,6	11,6
Ternopil	13,0	9,5	9,6	11,6	16,0	15,6	17,3	13,8	14,7
Kharkiv	27,8	36,5	28,8	28,5	29,9	29,5	29,1	28,3	29,7
Kherson	13,2	11,4	13,6	15,0	12,2	12,2	11,4	10,9	11,1
Khmelnyskiy	25,3	24,6	21,4	22,5	22,9	23,1	25,9	27,6	29,7
Cherkasy	33,9	46,7	24,1	32,9	27,7	24,1	32,3	25,0	31,9
Chernivtsi	5,7	8,3	7,2	7,1	6,1	4,9	5,1	4,7	5,3
Chernihiv	13,2	15,0	12,4	13,2	12,9	12,7	11,7	10,3	11,9
cities									
Kyiv	16,4	17,8	19,0	20,4	19,3	17,8	18,8	18,5	23,8
Sevastopol	7,1	9,3	6,8	7,1	8,0	7,0

¹ See the second footnote to Table 21.1

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21.12. Road freight traffic, by region¹

(mln.tkm)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	19281,6	35244,0	53918,4	57308,1	57452,9	58683,1	55963,5	53293,4	58029,8
Autonomous Republic of Crimea	489,2	737,4	895,9	952,6	899,1	1093,3
oblasts									
Vinnitsya	582,2	1034,5	1532,8	1729,8	1848,6	1950,8	1894,7	1650,9	1813,6
Volyn	321,3	998,3	1690,5	1671,7	1839,3	1755,2	1622,7	1838,4	2108,6
Dnipropetrovsk	1389,7	2180,6	3587,1	3805,5	3738,0	3730,1	3798,3	3641,6	4421,4
Donetsk	1301,9	2202,4	2897,1	3258,1	3793,4	4393,2	4125,9	2238,3	2230,5
Zhytomyr	482,2	724,4	1038,1	1184,6	1168,7	1121,6	1097,2	1014,6	1035,6
Zakarpattia	423,5	1755,5	2754,3	3097,2	3493,2	4149,5	4410,7	4676,1	4862,6
Zaporizhzhya	2838,9	2912,1	1758,7	1747,2	1841,7	1633,9	1409,5	1278,4	1384,3
Ivano-Frankivsk	327,5	520,8	1477,4	1554,9	1565,5	1361,6	1491,7	1507,5	1649,4
Kyiv	1103,2	2402,5	4147,4	4190,4	4017,5	3414,8	3172,8	3424,2	3854,6
Kirovohrad	263,2	561,5	1083,1	1136,8	1089,1	1214,8	2051,2	1738,8	1195,0
Luhansk	887,5	1697,5	2706,3	3066,1	2388,5	3186,6	1790,0	1203,6	860,1
Lviv	1748,8	1911,3	3878,0	3580,2	4198,6	4367,9	4564,4	4344,8	4511,1
Mykolayiv	272,8	848,3	1393,4	2156,0	1669,6	1306,7	1324,5	1268,7	1406,7
Odesa	623,5	1264,0	2531,0	2509,0	2555,2	2778,2	2707,9	2776,8	2796,2
Poltava	866,2	1611,0	2776,7	3491,8	3249,1	3286,4	2644,3	3158,6	3530,6
Rivne	434,1	939,5	1518,4	1355,3	1335,3	1321,4	1304,0	1247,7	1732,7
Sumy	490,2	603,0	670,0	760,8	811,1	803,6	755,8	651,2	666,2
Ternopil	308,6	551,8	1034,6	1071,7	1250,8	1089,0	1385,2	1123,0	1317,7
Kharkiv	611,0	1778,6	3156,5	3213,2	3411,9	3413,6	2705,1	2653,1	3770,2
Kherson	282,9	638,6	1139,1	1292,1	1360,2	1326,2	1429,5	1269,1	1266,7
Khmelnyskiy	587,3	1248,7	2044,8	2231,4	2246,3	2392,0	2325,7	2344,7	2241,0
Cherkasy	661,3	1194,2	1675,3	1947,4	1856,7	1472,6	2335,3	2599,8	2013,2
Chernivtsi	193,6	372,6	1026,7	1076,7	1125,0	1151,6	1049,0	1035,1	1128,8
Chernihiv	288,0	773,1	1201,2	1323,6	971,6	860,1	827,0	719,4	1087,0
cities									
Kyiv	1434,9	3657,8	4130,2	3804,7	3610,3	3947,1	3741,1	3889,0	5146,0
Sevastopol	68,1	124,0	173,8	99,3	118,6	161,3

¹ See the second footnote to Table 21.1

21.13. Freight transported by pipeline

(mln.t)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total shipment	218	213	153	155	128	126	100	97	107
Gas	150	164	121	127	108	106	80	78	89
Oil	66	47	30	25	17	17	17	17	15
Ammonium	2	2	2	3	3	3	2	2	2

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21.14. Total passengers transported in 1940–2016, by mode of transport

(mln.)

	By mode of transport							
	rail ¹	bus ²	sea	river	air ³	tram	trolley-bus	subway
1940	243	29	...	7	0,0	1489	30	—
1950	216	59	5,3	4,4	0,3	873	162	—
1955	330	495	10,5	12	0,3	1304	340	—
1960	373	1408	14	15	2	1736	592	5
1965	435	2885	18	19	5,4	1913	1002	60,4
1970	506	5061	20	21,4	10	1785	1536	127
1975	616	7089	29	28	13	1775	2015	236
1980	649	7801	28	25	12,5	1774	2368	430
1985	695	8077	29	24	13	1670	2477	603
1990	669	8331	26	19	15	2007	3232	678
1995	577	3483	8	4	2	822	1359	561
2000	499	2557	4	2	1	1381	2582	754
2005	445	3837	11	2	4	1111	1903	887
2010	427	3726	7	1	6	714	1204	760
2011	430	3612	7	1	8	798	1346	778
2012	429	3450	6	1	8	800	1345	774
2013	425	3344	7	0	8	757	1306	775
2014	389	2913	0	1	6	770	1097	726
2015	390	2250	0	1	6	739	1081	700
2016	389	2025	0	1	8	694	1039	698

¹ According to data from the Public joint-stock partnership *Ukrainian rail*. Since 2010, including passengers transported by city rail

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

³ See the second footnote to Table 21.2

21.15. Total passengers transported, by mode of transport

(mln.)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Transport	7780	8200	6845	6980	6813	6623	5902	5167	4854
Land	7773	8183	6831	6964	6798	6607	5895	5160	4845
rail ¹	499	445	427	430	429	425	389	390	389
bus ²	2557	3837	3726	3612	3450	3344	2913	2250	2025
tram	1381	1111	714	798	800	757	770	739	694
trolley-bus	2582	1903	1204	1346	1345	1306	1097	1081	1039
subway	754	887	760	778	774	775	726	700	698
Water	6	13	8	8	7	7	1	1	1
sea	4	11	7	7	6	7	0	0	0
river	2	2	1	1	1	0	1	1	1
Air ³	1	4	6	8	8	8	6	6	8

¹ See the first footnote to Table 21.14

² See the second footnote to Table 21.14

³ See the second footnote to Table 21.2

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

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21.16. Volume indices for passenger transport

(percent of the previous year)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Transport	98	103	94	102	98	97	95	88	94
Land	98	103	94	102	98	97	95	88	94
rail ¹	102	99	100	101	100	99	96	100	99,8
bus ²	102	103	93	97	96	97	91	77	90
tram	95	100	91	112	100	95	103	96	94
trolley-bus	94	103	94	112	100	97	99	99	96
subway	104	105	101	102	99,5	100	94	96	99,7
Water	111	115	99	105	83	109	89	97	83
sea	122	117	107	106	84	112	83	87	119
river	95	105	65	98	75	87	90	97	81
Air ³	107	118	119	123	108	100	83	97	131

¹ See the first footnote to Table 21.14

² See the second footnote to Table 21.14

³ See the second footnote to Table 21.2

**21.17. Passenger traffic in 1940–2016, by mode of transport
(excluding urban electric transport)**

(bln. passenger.km)

	Total	By mode of transport				
		rail ¹	bus ²	sea	river	air ³
1940	...	16,4	0,3	...	0,4	0,0
1950	14,3	13,5	0,4	0,1	0,2	0,1
1955	24,9	21,1	3,0	0,3	0,3	0,2
1960	37,9	26,5	10,0	0,4	0,3	0,7
1965	60,6	32,2	24,1	0,7	0,4	3,2
1970	96,1	42,1	46,6	0,8	0,5	6,1
1975	133,0	53,2	69,1	1,0	0,6	9,1
1980	154,6	60,1	81,7	1,3	0,6	10,9
1985	168,2	67,0	86,7	1,4	0,6	12,5
1990	184,1	76,0	90,3	1,1	0,6	16,1
1995	102,5	63,8	34,8	0,5	0,1	3,3
2000	82,4	51,8	28,8	0,1	0,0	1,7
2005	111,4	52,7	52,5	0,1	0,0	6,1
2010	113,3	50,2	52,0	0,1	0,0	11,0
2011	116,0	50,6	51,5	0,1	0,0	13,8
2012	114,1	49,3	50,3	0,1	0,0	14,4
2013	110,7	49,0	49,0	0,1	0,0	12,6
2014	90,1	35,9	42,6	0,0	0,0	11,6
2015	81,3	35,4	34,6	0,0	0,0	11,4
2016	86,9	36,8	34,6	0,0	0,0	15,5

¹ See the first footnote to Table 21.14

² See the second footnote to Table 21.14

³ See the second footnote to Table 21.2

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21.18. Passenger traffic by mode of transport

(bln. passenger.km)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Transport	113,1	135,8	130,0	134,1	132,3	128,3	106,3	97,0	102,2
Land	111,3	129,6	118,9	120,2	117,8	115,6	94,8	85,6	86,7
rail ¹	51,8	52,7	50,2	50,6	49,3	49,0	35,9	35,4	36,8
bus ²	28,8	52,5	52,0	51,5	50,3	49,0	42,6	34,6	34,6
tram	9,0	6,5	4,0	4,4	4,5	4,1	4,3	4,2	4,0
trolley-bus	16,8	11,2	6,9	7,8	7,8	7,6	6,4	6,1	5,9
subway	4,9	6,7	5,8	5,9	5,9	5,9	5,6	5,4	5,4
Water	0,1	0,1	0,1	0,1	0,1	0,1	0,0	0,0	0,0
sea	0,1	0,1	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	0,0	0,0
Air ³	1,7	6,1	11,0	13,8	14,4	12,6	11,6	11,4	15,5

¹ See the first footnote to Table 21.14

² See the second footnote to Table 21.14

³ See the second footnote to Table 21.2

21.19. Passenger transport, by type of journey and selected mode of transport

(mln.)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Intercity transportation	154	226	227	241	230	225	175	170	175
rail (long distance) ¹	45	60	62	64	59	56	39	40	43
sea (including commuter)	4	11	7	7	6	7	0	0	0
air ²	1	4	6	8	8	8	6	6	8
bus ³	97	144	148	156	151	148	130	124	124
trolley-bus	7	7	4	6	6	6
Intracity transportation	6452	6860	5597	5729	5577	5407	4837	4186	3925
bus ³	1742	2966	2923	2813	2664	2575	2244	1666	1494
trolley-bus	2575	1896	1200	1340	1339	1300	1097	1081	1039
tram	1381	1111	714	798	800	757	770	739	694
subway	754	887	760	778	774	775	726	700	698
Commuter transportation	1174	1114	1021	1010	1006	990	890	811	754
rail ⁴	454	385	365	366	370	369	350	350	346
river	2	2	1	1	1	0	1	1	1
bus ³	718	727	655	643	635	621	539	460	407

¹ See the first footnote to Table 21.5

² See the second footnote to Table 21.2

³ See the second footnote to Table 21.14

⁴ See the first footnote to Table 21.14

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21.20. Rolling stock, by mode of transport and purpose

(end of year; units)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Rail transport¹									
diesel locomotives	2741	2572	2539	2513	2424	2320	2152	2151	2151
electric locomotives	1796	1797	1861	1858	1824	1765	1720	1720	1720
steam locomotives	140	66	51	40	37	36	24	24	24
freight stock ² , thsd.	185,7	150,3	120,6	111,9	125,2	116,1	111,5	107,9	104,2
passenger stock, thsd.	9,0	7,9	7,3	7,1	6,8	6,2	5,4	5,2	4,5
River boats³	2025	1962	2064	2040	2040	2040	1261	1321	1312
Sea crafts³	878	1177	1084	910	910	910	2414	2485	2491
Electric transport									
trolley-bus	5313	4554	3710	3714	3596	3570	3032	2792	2856
tram-cars	3459	2905	2522	2412	2314	2277	2201	1961	1988
transit vehicles	925	993	1119	1128	1136	1160	1190	1195	1195
Airplanes and helicopters	954	659⁴	395⁵	350⁴	337⁴	269⁴	222⁴	196⁴	208⁴

¹ See the first footnote to Table 21.5

² The inventory number of the *Ukrzaliznytsya* freight wagons, since 2012 including the number of the own wagons that belong to enterprises directly subordinated to the *Ukrzaliznytsya*

³ Vessels of enterprises functioning in all economic industries. Since 2005, vessels not fit for service. Data on the availability of river and sea transport for 2010 – data for 2008, for 2012/2013 – data for 2011, 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 Ukraine's State Service on Transport Safety (Ukrtransbezpeka), sea transport – Ukrtransbezpeka and Derzhrybagenstvo

⁴ According to data from the Aviation Administration of Ukraine

⁵ According to data from the Ministry of Infrastructure of Ukraine

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ROADS

21.21. Length of transport network in 1940–2016

(thsd.km)

	Operational length of public railroads ¹		Operational length of public navigable river routes		Operational length of public automobile roads ²	
	total	including electrified tracks	total	including those with illuminant and light-reflecting road signs ³	total	including with hard coating
1940	20,1	0,2	3,2	2,8	270,7	29,3
1950	20,2	0,2	4,8	2,3	275,0	33,5
1955	20,4	0,3	5,4	2,3	268,2	37,6
1960	21,1	1,5	4,8	3,0	236,2	47,4
1965	21,7	3,6	4,9	2,9	236,1	67,2
1970	22,1	5,3	4,8	4,0	223,5	90,8
1975	22,3	6,6	4,5	3,9	173,8	116,7
1980	22,6	7,1	4,9	4,3	163,2	133,7
1985	22,7	7,6	4,9	4,3	162,3	145,2
1990	22,8	8,1	4,0	3,6	167,8	157,2
1995	22,8	8,5	3,7	1,7	172,3	163,3
2000	22,3	9,1	2,4	0,5	169,5	163,8
2005	22,0	9,4	2,2	1,1	169,3	165,0
2010	21,7	9,9	2,2	1,1	169,5	165,8
2011	21,6	10,0	2,1	1,1	169,6	166,0
2012	21,6	10,2	2,1	1,1	169,7	166,1
2013	21,6	10,2	2,1	1,1	169,6	166,1
2014	20,9	10,0	1,6	0,8	163,0	159,5
2015	21,0	10,0	1,6	0,7	163,0	159,4
2016	21,0	10,0	1,6	0,7	163,0	159,5

¹ See the first footnote to Table 21.5

² According to data from the State Highway Agency of Ukraine (Ukravtodor)

³ Prior to 1980, with illuminant signs; since 1985, with illuminant and light-reflecting road signs

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21.22. Operational length of transport network

(thsd.km)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Public railroads ¹	22,3	22,0	21,7	21,6	21,6	21,6	20,9	21,0	21,0
Public navigable river routes	2,4	2,2	2,2	2,1	2,1	2,1	1,6	1,6	1,6
Public automobile roads ²	169,5	169,3	169,5	169,6	169,7	169,6	163,0	163,0	163,0
including with hard coating	163,8	165,0	165,8	166,0	166,1	166,1	159,5	159,4	159,5
Trolley-bus routes (single-track)	4,3	4,4	4,4	4,4	4,4	4,4	3,6	3,3	3,3
Tram routes (single-track railroads)	2,1	2,1	2,0	2,0	1,9	1,9	1,8	1,6	1,6
Subways (double-track railroads), km	91,7	101,5	108,4	109,9	110,8	112,3	112,3	112,3	113,4

¹ See the first footnote to Table 21.5

² See the second footnote to Table 21.21

At the beginning of 2017, the length of public pipelines equalled 43,8 thsd.km.

21.23. Density of transport network

(km of roads per thsd.sq.km of the territory)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Public railroads	37	36	36	36	36	36	36	36	36
Public navigable river routes	4	4	4	4	4	4	3	3	3
Public roads with hard coating	271	273	275	275	275	275	277	277	277

In 2016, of public pipelines accounted for 76 km per thsd.sq.km of territory.

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21.24. Introduction of modern types of transport network

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Operational length of public railroads									
electrified ¹									
thsd.km	9,1	9,4	9,9	10,0	10,2	10,2	10,0	10,0	10,0
as a percentage of total length	41	43	45	47	47	47	47	48	47
for vehicles powered by diesel engines ¹									
thsd.km	13,2	12,6	11,8	11,6	11,4	11,4	11,0	11,0	11,0
as a percentage of total length	59	57	55	53	53	53	53	52	53
double-track and multi-track runs ¹									
thsd.km	7,3	7,2	7,3	7,4	7,4	7,4	7,2	7,2	7,2
as a percentage of total length	33	33	34	34	34	34	34	34	34
Length of river navigable routes with installed navigation signs									
with light and light-reflecting stations									
thsd.km	0,5	1,1	1,1	1,1	1,1	1,1	0,8	0,7	0,7
as a percentage of total length	21	52	52	53	53	53	50	43	43
electrified and gasified automatic and non-automatic stations									
thsd.km	0,4	1,1	1,1	1,1	1,1	1,1	0,7	0,6	0,6
as a percentage of total length	18	49	49	50	50	50	46	39	39
Length of public roads with hard coating									
cement concrete and asphalt concrete coating ²									
thsd.km	57,5	59,4	61,5	61,9	62,1	62,3	59,2	59,2	59,5
as a percentage of total roads with hard coating	35	36	37	37	37	38	37	37	37
black gravel and black paved roads ²									
thsd.km	71,2	71,0	70,8	70,7	70,6	70,6	67,8	67,8	67,2
as a percentage of total roads with hard coating	43	43	43	43	43	43	43	43	42

¹ See the first footnote to Table 21.5

² See the second footnote to Table 21.21

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21.25. Freight transport intensity, by mode

(mln.tkm per km of route)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Public railroads	7,8	10,2	10,1	11,3	11,0	10,4	10,0	9,3	9,0
Public river navigation routes	2,4	2,9	1,8	1,0	0,8	0,7	0,8	1,0	0,9

21.26. Passengers traffic intensity, by mode of transport network

(mln. passenger.km per km of the route)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Public railroads	2,32	2,40	2,32	2,34	2,28	2,27	1,71	1,69	1,76
Public river navigation routes	0,01	0,02	0,02	0,02	0,02	0,02	0,02	0,01	0,01
Roads with hard coating	0,1	0,1	0,2	0,2	0,2	0,2	0,1	0,1	0,1
Trolley-bus tracks	3,9	2,5	1,6	1,8	1,8	1,7	1,8	1,8	1,8
Tram track rails	4,2	3,1	2,0	2,3	2,3	2,2	2,4	2,7	2,5
Subway track rails	18,3	23,1	18,4	18,6	18,5	18,3	17,2	16,6	16,5

21.27. Average distance of freight transport, by mode

(km)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Rail	484	497	504	520	520	506	544	557	546
Sea	1362	1120	1271	1242	1033	941	1452	1173	837
River	706	491	549	388	407	488	432	498	402
Road	21	31	46	46	46	47	49	52	53
Pipeline	859	932	895	883	870	886	821	830	884

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21.28. Average distance of passenger transport, by mode

(km)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Rail	104	118	118	118	115	115	92	91	95
Sea	15	6	8	7	8	7	585	559	589
River	12	24	42	46	55	53	44	15	28
Air	1489	1608	1794	1835	1777	1547	1789	1803	1876
Bus	11	14	14	14	15	15	15	15	17
Trolley-bus	7	6	6	6	6	5	6	6	6
Tram	7	6	6	6	6	6	6	6	6
Subway	7	8	8	8	8	8	8	8	8

21.29. Traffic accidents on roads and streets

(source: the Ministry of Internal Affairs of Ukraine)

	2000	2005	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	33,3	46,5	31,9	31,3	30,7	30,7	25,9	25,5	26,8
of which fatal accidents	4,7	6,4	4,2	4,3	4,5	4,3	...	3,6	3,0
Accident victims, thsd. persons	41,8	63,2	43,9	43,1	42,6	42,4	36,4	35,6	37,0
killed	5,2	7,2	4,9	4,9	5,1	4,8	4,4	4,0	3,4
injured	36,6	56,0	39,0	38,2	37,5	37,5	32,0	31,6	33,6
Traffic accidents in cities, towns and villages ¹ , thsd.	25,3	33,1	148,7	137,7	147,1	142,4	133,2	102,7	128,3
of which killed, thsd. persons	3,0	3,6	2,2	2,2	2,1	2,3	...	2,1	1,7
injured, thsd. persons	27,3	38,3	26,7	25,9	25,3	25,7	...	22,8	25,1

¹ Before 2005 inclusive, road traffic accidents with victims; since 2006, total road traffic accidents, i.e. including those that resulted in property damage without victims

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21.30. Persons killed and injured due to road accidents

(source: the Ministry of Internal Affairs of Ukraine; persons)

	2000		2005		2010		2013		2015		2016	
	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured
All victims	5185	36636	7229	55999	4875	38975	4833	37521	4003	31600	3410	33613
pedestrians	2324	14208	3063	17184	1847	10451	1890	9870	1476	8051	1271	8487
bicyclists	499	2819	544	3205	283	1601	294	1454	277	1642	183	1315
drivers and passengers												
motorbikes	27	243	41	564	239	2949	217	2079	161	1337	94	1084
motorcycles	455	2982	285	2054	321	2360	362	2348	276	2058	184	1546
motor cars	1619	14614	2280	24731	1952	18906	1879	19177	1494	15295	1305	15487
intercity and intra-city buses, trams and trolley-buses	31	545	294	3204	106	1683	52	1745	47	1385	38	1353
trucks	165	965	546	4309	88	821	95	657	103	694	87	594
other power-driven carriers	61	208	139	542	24	71	31	104	151	1066	237	3694
horse-driven carriers and riders	4	52	37	206	15	133	13	87	18	72	11	53

COMMUNICATIONS

21.31. Revenues of post and communications services

(at current prices including VAT; mln. UAH)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total	6861	27411	47417	50281	52271	52492	52434	55896	61911
by type of communication									
post	519	1340	2941	3092	3274	3370	3216	3426	3998
telegraph	40	60	46	38	38	28	23	16	12
telephone									
urban and rural	1746	2778	4234	4494	5320	6031	5851	5799	4778
intercity (including international)	2824	6624	3962	3482	3019	2288	2207	2046	1740
courier activity	307	364	358	338	307	604	825
wire radio broadcasting	66	48	202	185	232	219	202	186	178
special and communication service	23	194	128	131	143	129	141	118	121
TV and radio broadcasting	160	673	1917	2093	2287	2298	2159	2431	2769
of which cable TV	1356	1466	1550	1560	1449	1545	1630
computer ¹	151	1009	4237	4749	5402	5697	6190	7144	9102
of which provision of Internet access	3805	4261	4673	4908	5349	6130	6645
mobile	1275	14476	28835	31028	31554	31406	31566	33206	34077
other type of communication	57	209	607	624	644	688	572	920	4311

¹ Since 2016, Internet services

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21.32. Revenues of post and communications services to households

(at current prices including VAT; mln. UAH)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total	3115	10980	18015	18449	33795	33899	32465	31887	33926
by type of communication									
post	150	325	578	594	590	609	596	835	1009
telegraph	22	16	13	10	11	8	6	4	3
telephone									
urban and rural	1072	1661	2779	3039	3271	3381	3055	2973	2845
intercity (including international)	1209	2909	1744	906	763	583	481	367	380
courier activity	7	9	5	9	10	207	36
wire radio broadcasting	43	32	167	152	193	183	170	154	146
special and communication service	0	3	—	—	—	—	—	—	—
TV and radio broadcasting	68	406	1341	1437	1518	1526	1416	1508	1858
of which cable TV	1328	1425	1511	1521	1411	1501	1589
computer ¹	17	144	2277	2646	2925	3285	3734	4126	6477
of which provision of Internet access	2271	2641	2920	3275	3729	4122	4407
mobile	533	5483	9109	9656	24518	24314	22996	21673	21029
other type of communication	1	1	0	0	0	1	1	40	144

¹ See the footnote to Table 21.31

21.33. Post and communications services

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Dispatched, mln.									
newspapers and magazines	1250	1454	1089	1006	1019	918	678	...	541
letters	299	381	311	320	387	310	256	190	368
telegrams	12	6	2	1	1	1	1	1	0,3
parcels	5	10	18	18	45	19	17	21	33
postal transfers and pension payments	224	178	149	126	121	115	100	84	81
Per capita of present population									
dispatched, units									
letters	6	8	7	7	8	7	6	4	9
telegrams	0,2	0,1	0,04	0,03	0,02	0,02	0,01	0,01	0,01
parcels	0,1	0,2	0,4	0,4	1	0,4	0,4	0,5	0,8

TRANSPORT AND COMMUNICATIONS

21.34. Availability of telephones to households

(units)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Private telephone numbers (per 100 households)	41	54 ¹	61 ¹	60 ¹	58 ¹	56 ¹	52 ¹	48 ¹	44 ¹
Payphones (per 10 thsd. population) ²	151	140	60	50	22	18	15	16	14

¹ Including departmental, since 2016, including telephone sets using wireless access

² Local, inter-city, international and universal

21.35. Telephones in urban and rural areas, by region

(thsd.)

	In urban areas							In rural areas						
	2000	2005	2010	2013	2014	2015	2016 ¹	2000	2005	2010	2013	2014	2015	2016 ¹
Ukraine	7397	9447	10654	10010	8864	7716	7514	1196	1545	1632	1418	1260	1058	931
Autonomous Republic of Crimea	291	364	413	320	53	69	68	65
oblasts														
Vinnitsya	171	208	252	222	209	175	164	68	89	90	81	72	64	57
Volyn	114	145	157	134	126	118	111	35	42	41	41	37	27	26
Dnipropetrovsk	627	848	941	777	636	580	365	48	75	74	56	48	32	26
Donetsk	690	906	913	682	600	364	332	39	44	37	25	19	14	8
Zhytomyr	176	210	234	202	189	161	141	55	66	66	53	46	38	38
Zakarpattia	93	114	109	89	82	79	80	41	60	84	77	72	52	43
Zaporizhzhya	355	480	515	437	406	328	291	54	65	69	57	53	50	52
Ivano-Frankivsk	125	163	189	134	122	98	94	50	70	74	64	58	51	42
Kyiv	228	272	310	277	262	231	52	77	98	103	92	87	81	2
Kirovohrad	147	167	168	145	133	111	101	31	38	36	29	25	22	21
Luhansk	372	419	416	333	333	148	198	24	28	29	23	24	2	16
Lviv	319	370	448	461	436	389	338	56	78	85	78	71	59	46
Mykolayiv	221	250	263	221	204	177	163	32	40	38	27	23	18	15
Odesa	419	593	1095	1824	1735	1654	1706	56	72	82	72	98	80	71
Poltava	222	299	332	283	260	202	187	58	73	69	57	51	46	35
Rivne	124	155	168	144	133	112	113	37	51	52	43	38	33	25
Sumy	169	207	214	185	174	154	149	32	44	50	45	42	32	26
Ternopil	121	153	144	121	111	102	99	54	71	91	84	79	62	52
Kharkiv	505	662	706	622	588	608	522	55	63	65	58	52	63	38
Kherson	165	216	197	166	155	136	125	36	42	41	31	27	25	23
Khmelnyskiy	177	206	217	183	165	138	133	54	66	72	62	55	41	34
Cherkasy	190	223	237	212	200	174	164	53	72	74	67	62	55	49
Chernivtsi	95	119	127	108	101	85	81	46	64	76	72	69	63	53
Chernihiv	177	218	238	213	203	179	163	50	61	62	56	52	48	50
cities														
Kyiv	987	1367	1529	1412	1301	1213	1642	—	—	—	—	—	—	83
Sevastopol	117	113	122	103	2	4	4	3

¹ Main, using wireless access, departmental

At the beginning of 2017 there were 56,7 mln. users of cellular communications services.

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21.36. Private telephones, by region

(thsd.)

	In urban areas							In rural areas						
	2000	2005	2010	2013	2014	2015	2016 ¹	2000	2005	2010	2013	2014	2015	2016 ¹
Ukraine	6331	7758	8661	8143	7253	6214	5738	1020	1395	1495	1288	1133	942	807
Autonomous Republic of Crimea	245	306	340	255	46	62	62	58
oblasts														
Vinnitsya	144	178	211	184	170	140	119	56	80	82	73	65	56	49
Volyn	97	123	132	111	105	95	81	29	37	37	37	33	23	22
Dnipropetrovsk	539	702	769	634	517	435	258	42	68	67	50	42	28	22
Donetsk	591	728	719	535	473	292	244	33	38	33	21	16	11	6
Zhytomyr	154	181	200	173	161	135	113	47	59	61	49	41	34	33
Zakarpattia	76	92	84	67	62	60	56	36	56	78	72	67	47	38
Zaporizhzhya	311	411	436	370	343	281	232	45	58	62	52	48	45	43
Ivano-Frankivsk	106	138	157	110	99	77	67	45	65	70	60	54	48	37
Kyiv	201	237	269	238	225	196	15	67	89	94	84	79	73	2
Kirovohrad	126	144	144	121	111	90	73	26	33	32	26	22	19	17
Luhansk	330	373	358	276	275	123	149	20	25	26	21	21	2	14
Lviv	276	317	372	376	354	309	259	48	70	79	71	65	53	40
Mykolayiv	193	217	224	187	171	145	126	27	35	34	24	19	16	12
Odesa	352	488	927	1623	1533	1447	1523	48	65	76	66	84	69	59
Poltava	191	249	273	229	209	162	139	47	64	62	50	44	40	28
Rivne	106	130	141	118	109	89	81	32	46	48	39	34	29	21
Sumy	144	178	183	157	147	128	117	25	38	45	38	35	25	19
Ternopil	104	118	120	99	90	83	75	48	66	85	78	74	57	47
Kharkiv	444	566	591	519	487	498	384	48	57	59	52	47	56	33
Kherson	138	178	166	137	128	110	96	28	38	38	28	24	22	20
Khmelnyskiy	154	178	185	154	135	111	92	46	61	66	56	49	36	29
Cherkasy	163	191	201	180	169	144	127	44	66	68	61	57	50	44
Chernivtsi	80	98	103	89	83	68	61	42	61	72	68	66	60	50
Chernihiv	152	188	204	183	175	153	133	43	55	56	51	47	43	46
cities														
Kyiv	811	951	1048	930	922	843	1118	—	—	—	—	—	—	76
Sevastopol	103	98	104	88	2	3	3	3

¹ See the footnote to Table 21.35

TRANSPORT AND COMMUNICATIONS

21.37. Telephones, by region

(units)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine¹	74370	65828	27439	22748	9834	8151	6463	6853	5986
Autonomous Republic of Crimea	4494	4615	1507	1336	778	692
oblasts									
Vinnitsya	1934	1903	737	613	196	166	142	140	143
Volyn	989	927	398	319	100	99	96	94	81
Dnipro-petrovsk	7420	5480	2649	2254	729	516	504	492	439
Donetsk	7446	6307	2233	1705	522	448	428	426	258
Zhytomyr	1618	1472	415	320	100	97	94	94	98
Zakarpattia	382	777	357	345	100	98	97	95	79
Zaporizhzhya	4826	4773	1004	1002	699	521	441	399	395
Ivano-Frankivsk	997	996	372	292	160	123	120	120	119
Kyiv	1825	1737	753	451	170	170	168	147	...
Kirovohrad	1267	1294	596	418	100	80	78	76	76
Luhansk	3001	2296	1247	1165	274	234	234	172	118
Lviv	3483	3399	1967	1607	797	700	635	622	581
Mykolayiv	1736	1863	718	681	208	186	173	164	163
Odesa	7773	4216	1262	616	308	180	180	180	157
Poltava	2017	1449	647	582	123	100	100	99	97
Rivne	1046	1026	503	497	140	139	136	136	134
Sumy	1241	1236	397	378	138	126	125	101	125
Ternopil	1053	1066	450	360	90	70	70	70	65
Kharkiv	5446	5300	2447	2264	937	854	849	1498	911
Kherson	1507	2002	859	731	383	172	162	158	159
Khmelnyskiy	1210	1441	726	522	220	190	193	192	180
Cherkasy	1280	1306	655	622	120	120	120	116	137
Chernivtsi	910	980	407	353	194	195	196	196	191
Chernihiv	1307	1357	471	473	170	117	119	90	90
cities									
Kyiv	6920	5289	2819	2035	1658	1403	1003	976	1190
Sevastopol	1242	1321	843	807	420	355

¹ See the second footnote to Table 21.34

TRANSPORT AND COMMUNICATIONS

21.38. Installed home telephones, by region

(per 100 families)

	2000	2005 ¹	2010 ¹	2013 ¹	2014 ¹	2015 ¹	2016 ¹
Ukraine	41	54	61	56	52	48	44
Autonomous Republic of Crimea	38	50	55	43
oblasts							
Vinnitsya	31	39	45	40	37	31	26
Volyn	40	47	50	44	41	35	31
Dnipropetrovsk	40	60	64	52	43	34	21
Donetsk	32	47	46	34	30	34	... ²
Zhytomyr	39	47	53	45	41	34	30
Zakarpattia	28	41	46	39	36	30	26
Zaporizhzhya	49	68	73	61	57	45	38
Ivano-Frankivsk	33	44	50	38	34	28	23
Kyiv	39	50	57	51	47	41	... ²
Kirovohrad	32	41	41	35	31	26	21
Luhansk	34	46	45	33	33	36	... ²
Lviv	38	54	61	55	51	44	36
Mykolayiv	46	55	57	47	43	36	31
Odesa	45	69	120	201	192	170	178
Poltava	37	50	55	47	42	33	28
Rivne	37	46	50	42	38	31	27
Sumy	34	46	51	44	41	34	30
Ternopil	44	50	57	49	46	39	34
Kharkiv	44	60	63	56	52	50	37
Kherson	37	51	50	41	38	32	29
Khmelnyskiy	40	47	51	43	38	30	25
Cherkasy	36	48	51	46	43	37	33
Chernivtsi	40	51	57	51	49	42	36
Chernihiv	39	50	57	52	50	44	40
cities							
Kyiv	84	92	101	88	87	78	109
Sevastopol	70	94	80	68

¹ See the first footnote to Table 21.34

² Data are not released due to low reliability of data used to make the calculations

22. FOREIGN ECONOMIC ACTIVITY

Statistics of foreign trade in goods are compiled on the basis of the information of the State Fiscal Service of Ukraine adjusted for the total amount of oil and natural gas, fish caught in international waters and goods purchased in foreign ports. The data on exports in goods are recorded by country of destination whereas the data on imports by country of origin.

Country of destination refers to the country identified at the moment of loading as the final country to which goods are to be delivered.

The country where goods were produced or processed is considered the **country of origin**.

The goods are valued in national currency. Conversions into US dollars are made according to the date the customs declaration was completed and the official exchange rate of the National Bank of Ukraine (NBU) fixed for that particular date. According to enterprise reports, conversions into the US dollars are made according to the monthly and quarterly average exchange rates.

Statistical information about foreign trade in services is compiled using data from enterprises-legal persons, permanent missions of non-residents to Ukraine, central and local bodies of executive power, chief controllers of the state and local budgets who effected exports/imports operations of services.

Services are valued using the contract currency. Conversions into US dollars and

national currency are made using the official average quarterly exchange rate set on the basis of the NBU daily exchange rates.

The direct investment is a category of the international investment activity that reflects the intention of institutional unit (the resident of one economy) having control or a significant degree of influence over the management of the enterprise that is the resident in another economy.

The investment is considered as direct when the capital/ownership rights of the non-resident makes not less than 10% of the authorized capital value of the enterprise-resident or non-resident has not less than 10% of voting power in non-resident enterprise management. Direct investment includes investment obtained due to concession agreements and agreements on the joint investment activity; credit resources that are provided/obtained within the transactions between an enterprise of direct investment and direct investor.

Data on direct investment are compiled on the basis of information about resident entities and permanent representative offices of non-residents in Ukraine taking into account the administrative data from the NBU on market value of direct investment (shares, property, etc) of enterprises and institutions.

Information about direct investment used by the NBU to compile balance of payments and international investment position.

22.1. Foreign trade in goods, by country

(mln. USD)

	Exports				Imports			
	2000	2005	2010	2016	2000	2005	2010	2016
Total	14572,5	34228,4	51405,2	36361,7	13956,0	36136,3	60742,2	39249,8
including								
Australia	5,2	9,6	23,6	12,8	53,8	85,3	246,6	109,2
Austria	163,6	317,3	508,0	361,3	185,1	458,4	697,6	465,1
Azerbaijan	40,8	290,5	610,8	248,0	23,8	27,8	951,2	39,7
Algeria	235,8	617,2	159,3	236,8	0,0	4,9	4,9	6,8

FOREIGN ECONOMIC ACTIVITY

Table 22.1 continued

	Exports				Imports			
	2000	2005	2010	2016	2000	2005	2010	2016
Argentina	7,8	15,9	39,8	1,9	6,1	38,5	106,1	66,4
Bangladesh	4,0	18,4	112,7	327,5	0,3	2,1	17,8	58,0
Belgium	106,5	197,6	356,9	251,5	134,7	314,0	588,3	450,2
Belarus	272,1	891,1	1899,2	903,2	601,9	939,8	2567,6	2777,8
Bulgaria	382,5	543,0	450,6	418,2	60,4	108,7	218,0	172,9
Brazil	75,2	110,0	359,9	20,5	93,9	312,5	459,7	193,1
United Kingdom	137,7	358,2	506,5	317,8	202,8	502,7	821,0	709,3
Viet Nam	67,1	145,3	136,7	77,8	21,1	41,3	117,6	304,2
Armenia	12,1	97,3	201,3	88,9	3,4	13,2	17,9	8,2
Ghana	10,1	24,4	57,5	25,6	24,3	55,5	209,4	87,9
Guinea	6,3	10,0	13,6	17,4	50,4	115,9	106,1	95,1
Greece	48,1	137,4	164,0	159,1	38,5	67,7	104,1	233,6
Georgia	37,8	199,5	527,5	390,8	10,3	41,0	136,1	65,8
Denmark	24,7	106,7	124,5	155,5	68,2	176,0	240,5	184,2
Ecuador	11,0	34,3	11,8	2,9	13,1	66,3	161,2	117,2
Estonia	55,1	125,1	106,3	98,0	46,0	102,6	123,4	66,6
Ethiopia	36,8	39,7	65,9	124,4	0,1	0,1	1,0	3,1
Egypt	221,0	798,8	1328,0	2266,5	2,4	37,1	84,2	48,7
Israel	105,9	290,7	467,6	488,6	63,2	63,0	91,5	184,8
India	168,3	736,9	1426,0	1903,1	76,0	321,3	680,7	486,1
Indonesia	76,7	216,4	352,6	366,4	28,4	124,0	408,6	226,7
Iraq	68,1	77,6	345,0	374,4	—	0,2	0,5	—
Iran, Islamic Republic of	90,6	576,9	1030,7	705,2	4,9	18,2	49,9	40,0
Ireland	27,2	6,7	4,5	45,5	25,7	45,2	112,1	84,7
Spain	162,9	573,5	411,7	1004,5	100,2	233,5	468,6	500,9
Italy	638,9	1892,6	2412,4	1929,6	346,0	1030,2	1390,3	1358,2
Jordan	44,9	182,1	518,5	144,5	2,9	10,8	21,1	9,1
Kazakhstan	76,8	667,1	1300,4	400,1	412,8	186,4	766,2	434,3
Canada	59,2	90,1	73,3	28,9	24,8	87,0	160,2	217,3
Kenya	2,8	26,6	99,5	32,0	0,1	0,6	6,9	6,5
Kyrgyzstan	6,2	31,6	75,0	40,4	2,4	5,7	6,2	1,8
China	628,9	711,1	1316,6	1832,5	131,9	1810,5	4700,4	4687,7
Cyprus	176,5	217,0	175,4	53,5	29,4	4,8	90,5	22,1
Korea, Republic of	146,3	202,2	498,0	413,7	109,9	648,5	786,0	255,3
Cote d'Ivoire	1,3	12,1	44,6	10,2	23,7	40,9	135,4	36,8
Latvia	166,5	311,4	180,2	138,2	43,5	64,5	88,1	112,5
Lithuania	83,3	209,3	264,4	258,2	135,4	200,0	637,5	492,5

FOREIGN ECONOMIC ACTIVITY

Table 22.1 continued

	Exports				Imports			
	2000	2005	2010	2016	2000	2005	2010	2016
Lebanon	61,1	102,4	1031,9	338,5	1,1	2,0	4,2	1,1
Libya	1,7	63,6	201,5	247,8	0,0	1,1	0,3	—
Malaysia	16,3	26,1	96,9	126,2	23,2	161,6	171,0	167,5
Morocco	60,8	128,4	103,5	247,3	0,3	5,1	9,2	33,4
Mexico	50,5	116,9	200,1	136,5	2,4	8,5	63,4	98,7
Moldova, Republic of	176,3	678,6	713,5	481,1	35,3	84,2	73,6	47,6
Nigeria	76,7	212,3	245,3	104,2	0,3	1,9	13,6	0,7
Netherlands	138,0	515,3	563,2	995,3	146,6	464,1	837,9	546,8
Germany	741,4	1285,2	1499,5	1423,7	1134,4	3383,8	4605,3	4318,4
Norway	18,1	46,9	84,1	15,3	44,0	128,3	261,3	163,0
United Arab Emirates	68,4	345,2	275,2	277,6	2,8	10,4	50,9	63,3
Pakistan	30,2	273,9	113,0	114,3	3,0	10,1	55,2	47,6
South Africa	6,2	24,8	27,6	60,0	3,1	51,6	158,0	117,7
Poland	417,9	1010,4	1787,2	2200,0	312,5	1405,9	2788,8	2693,3
Portugal	20,1	19,9	121,8	228,1	7,7	27,9	51,5	50,6
Russian Federation	3515,6	7490,1	13428,1	3592,9	5824,9	12842,5	22198,0	5149,3
Romania	164,6	488,8	705,8	717,0	48,2	211,8	682,2	380,7
Saudi Arabia	35,9	386,5	644,5	592,9	0,4	3,0	37,4	139,4
Serbia	—	—	199,0	156,1	—	—	75,7	106,5
Syrian Arab Republic	160,4	672,1	646,8	43,2	1,8	27,7	44,6	0,6
Slovakia	230,9	507,7	568,2	471,4	124,4	304,0	442,6	434,9
Slovenia	9,0	32,5	11,6	16,8	29,8	125,0	212,6	137,3
USA	725,3	956,5	807,3	426,6	360,4	710,0	1766,8	1687,9
Thailand	92,2	141,8	432,6	413,5	11,3	58,0	162,8	172,5
Taiwan, Province of China	242,4	134,5	80,0	54,3	19,7	96,7	141,2	189,9
Tunisia	25,8	183,7	232,0	235,8	6,3	0,6	3,6	13,9
Turkey	868,5	2026,7	3024,0	2049,1	159,9	607,7	1298,3	1098,6
Turkmenistan	148,4	187,2	208,9	109,0	946,2	2678,1	31,4	34,3
Hungary	327,3	688,8	860,1	1053,1	165,4	647,7	1214,6	802,0
Uzbekistan	114,0	150,6	228,5	142,4	178,0	205,3	81,7	71,1
Philippines	78,1	132,6	31,6	143,4	5,0	5,6	23,0	26,5
Finland	24,0	28,7	34,1	62,4	95,9	351,1	429,8	216,8
France	111,7	199,9	476,9	453,7	236,1	798,9	1106,7	1530,5
Czech Republic	188,9	376,9	626,2	560,8	162,9	594,0	747,9	654,8
Switzerland	148,8	395,8	472,2	105,9	216,4	252,5	508,2	983,8
Sweden	8,3	41,6	77,8	71,3	150,4	547,4	358,8	419,0
Japan	68,4	82,0	104,8	185,2	99,1	548,2	801,7	551,8

FOREIGN ECONOMIC ACTIVITY

22.2. 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
Ukraine	15579	36361,7	100,0	24912	39249,8¹	100,0
Autonomous Republic of Crimea
oblasts						
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
cities						
Kyiv	3700	8568,8	23,6	9353	16137,0	41,1
Sevastopol

¹ Including crude oil supply and natural gas non-distributed by region

FOREIGN ECONOMIC ACTIVITY

22.3. Commodity structure of foreign trade in 2016

	Exports		Imports	
	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent
Total	36361,7	100,0	39249,8	100,0
including				
by UCCFT ¹ 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

¹ The Ukrainian Classification of Commodities in Foreign Trade

FOREIGN ECONOMIC ACTIVITY

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

(thsd. USD)

	Exports				Imports			
	2000	2005	2010	2016	2000	2005	2010	2016
Total	242008,5	38662,6	60718,0	42050,5	920129,3	1713405,1	3151515,8	2488416,7
including								
Australia	—	—	—	—	36951,9	13,6	84,3	1556,5
Austria	187,4	2295,7	—	589,9	63074,8	42202,2	59212,0	41310,8
Argentina	—	—	—	—	110,7	124,0	457,9	206,6
Bangladesh	—	—	—	32,3	17,5	1,6	1381,4	2493,6
Belgium	2060,8	398,4	1418,3	25,2	42217,0	37283,7	39264,4	23941,7
Belarus	35,3	—	205,2	173,9	3473,6	8763,9	2252,0	543,6
Bulgaria	779,3	71,9	—	—	110,8	808,4	859,4	1437,7
Brazil	—	—	—	—	17732,1	24606,0	20635,1	26568,0
United Kingdom	657,3	3278,8	6169,8	1667,4	22824,4	32871,1	18819,9	21459,1
Viet Nam	—	—	—	—	102,6	446,5	762,2	773,5
Guinea	—	—	—	—	36109,6	4,4	70012,1	89408,4
Hong Kong	—	—	—	3,9	2870,2	2449,6	4904,6	2358,0
Greece	1817,6	—	1476,4	—	17,7	58,2	226,1	549,7
Georgia	—	—	—	65,6	3,7	3870,5	—	45,8
Guyana	—	—	—	—	16217,9	—	28635,7	40166,2
Guatemala	—	—	—	—	1,0	179,3	—	69980,5
Denmark	—	—	—	—	16217,0	29110,5	9836,4	21221,1
Estonia	2311,0	—	—	—	677,8	119,7	6061,9	1721,9
Israel	1456,8	—	—	—	30289,2	9473,8	1079,6	7017,4
India	1120,8	—	—	—	391,1	2356,7	4789,2	13765,6
Indonesia	10,6	—	—	—	313,9	17280,6	81066,7	3765,7
Ireland	—	—	—	—	757,4	263,6	1888,9	331,6
Spain	24560,6	—	—	27,9	3185,9	9154,3	13419,5	18721,8
Italy	19542,2	—	1447,6	6,3	84436,8	150405,9	156062,8	176506,1
Kazakhstan	—	—	—	—	4465,4	966,6	16436,1	577,7
Canada	766,2	0,5	—	0,5	305,1	689,9	1318,6	2391,5
China	26,9	—	242,5	114,0	6898,9	20650,2	35539,9	198048,6
Korea, Republic of	126,8	—	89,2	—	7354,3	4013,5	14744,4	12894,4
Latvia	1645,5	—	—	—	2523,7	10307,5	24136,4	8054,3
Lithuania	73,2	—	—	87,3	580,8	14143,8	7041,4	4489,7
Luxembourg	—	—	—	—	1169,2	4227,0	995,4	651,1
Malaysia	230,0	—	—	—	215,3	17327,8	1319,5	23240,2
Malta	—	—	—	—	48,0	—	87,5	5899,1
Morocco	8459,2	—	—	—	—	0,8	659,4	3832,2
Mexico	—	—	—	—	—	33,7	2771,8	7333,6

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Table 22.4 continued

	Exports				Imports			
	2000	2005	2010	2016	2000	2005	2010	2016
Moldova, Republic of	684,1	38,7	153,8	18,0	250,5	514,4	775,1	765,7
Netherlands	24532,1	—	270,5	12,3	10109,2	19901,4	35758,3	25496,7
Germany	90933,0	27871,8	20201,8	6189,8	233635,5	272737,0	361692,6	397885,0
New Zealand	—	—	—	—	—	2,4	22,1	378,3
Norway	—	—	—	—	144,6	837,9	6049,2	1092,2
United Arab Emirates	—	—	—	—	—	63,5	254,7	1524,9
Pakistan	1434,7	—	—	—	1525,7	965,4	1007,1	2374,9
Panama	—	—	—	—	—	355,8	2607,9	19,8
South Africa	—	—	—	—	1862,5	40,4	16,2	6273,7
Poland	6231,7	45,0	838,7	21,1	8438,4	56678,6	143737,4	343958,4
Portugal	15435,0	—	—	2,3	3194,3	6210,4	12775,5	14915,2
Russian Federation	233,0	4579,7	4494,3	82,3	51150,8	558509,5	1394055,1	38926,4
Romania	124,9	—	—	—	3124,5	6098,7	30679,8	65605,9
Saudi Arabia	—	—	—	—	—	—	6428,4	6706,1
Syrian Arab Republic	—	—	—	—	—	1,4	3391,1	21,1
Singapore	—	—	—	—	428,2	1692,6	2671,2	3384,9
Slovakia	1317,2	—	—	—	2966,6	18551,5	11610,6	17436,0
Slovenia	—	—	—	5,4	506,0	413,9	1932,1	4450,0
USA	1014,4	7,8	—	69,8	28850,2	26413,1	43350,0	31132,6
Thailand	—	—	—	—	901,1	1443,4	1495,6	20098,3
Taiwan, Province of China	—	—	—	—	4077,2	10743,9	7485,1	48853,4
Tunisia	—	—	123,1	—	1539,7	12,7	578,9	8490,0
Turkey	11036,1	—	—	21,3	4022,6	9955,4	42826,0	43071,2
Hungary	2201,0	—	479,7	41,8	37702,8	104794,0	204685,0	300023,4
Uzbekistan	2422,1	—	345,0	—	113,2	376,8	2070,8	0,2
Uruguay	—	—	—	—	22,8	1000,3	29,4	1728,9
Philippines	—	—	—	—	65,9	168,7	807,7	6796,8
Finland	—	—	683,9	197,5	9953,8	19983,1	45472,4	15503,4
France	7098,4	—	131,1	56,4	33429,8	50859,5	35563,3	40812,6
Croatia	93,6	—	—	—	248,4	—	596,2	144,1
Czech Republic	1945,8	74,2	883,2	—	9562,7	20594,7	46726,4	88149,5
Switzerland	2950,7	—	20832,7	32439,6	23937,9	5261,6	22896,0	37540,3
Sweden	80,7	—	—	21,5	1508,4	13704,3	45024,2	36934,1
Japan	16,7	—	—	77,2	3126,2	7157,5	8388,0	29479,2

FOREIGN ECONOMIC ACTIVITY

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

	Exports				Imports			
	2000 ¹	2005 ¹	2010 ¹	2016	2000 ¹	2005 ¹	2010 ¹	2016
Total	3655,1	6443,2	12324,2	9868,0	1151,0	2941,8	5467,2	5326,5
including								
Austria	44,9	94,9	182,8	138,3	20,6	127,5	144,0	111,4
Azerbaijan	5,0	10,7	25,3	28,2	1,5	5,5	13,1	4,8
Algeria	9,0	5,7	1,7	11,7	0,3	1,4	2,9	2,2
Bahamas	6,9	19,0	18,2	11,5	1,2	5,8	2,8	0,1
Belize	1,0	5,1	53,0	27,3	0,0	3,1	16,5	6,8
Belgium	70,5	145,5	239,4	59,8	14,3	28,7	63,9	67,0
Belarus	32,5	47,3	131,8	89,1	10,8	23,8	63,3	76,1
Bulgaria	35,8	32,3	30,1	26,9	5,7	10,4	17,5	21,2
Brazil	0,2	0,5	4,6	12,9	0,6	1,6	1,8	1,5
United Kingdom	123,2	300,2	557,8	462,9	104,2	271,3	598,8	563,1
Virgin Islands, British	17,2	69,5	203,2	174,8	2,9	38,0	92,0	15,6
Armenia	2,2	5,6	12,8	12,9	1,3	2,2	6,6	7,7
Hong Kong	1,1	4,3	17,9	40,3	20,5	72,9	7,5	4,5
Greece	44,1	69,2	80,7	27,5	9,3	12,5	23,9	21,0
Georgia	4,7	33,7	54,1	46,9	2,3	11,4	17,7	24,1
Gibraltar	1,1	3,6	5,6	12,0	0,4	0,2	0,3	0,0
Denmark	4,6	48,6	87,2	98,4	2,4	13,3	17,5	37,3
Estonia	3,3	12,9	114,0	145,7	4,5	8,5	12,1	48,9
Egypt	3,7	14,1	48,5	39,4	2,9	18,0	32,2	27,8
Israel	21,2	40,9	64,5	168,4	8,5	18,8	28,7	19,6
India	33,5	17,1	31,2	53,8	1,8	3,2	4,7	9,8
Ireland	27,1	8,9	48,4	32,0	6,2	1,1	10,2	75,8
Spain	9,7	20,1	30,2	45,1	6,1	16,4	17,3	25,7
Italy	36,0	74,1	127,2	119,8	6,2	19,5	35,2	31,6
Jordan	5,2	3,3	8,9	11,8	0,5	0,9	1,0	1,3
Kazakhstan	4,4	21,4	83,7	81,7	4,6	8,9	22,1	11,9
Canada	7,9	39,6	101,9	76,7	17,1	25,8	38,5	40,0
China	12,2	24,0	73,9	60,1	3,8	7,7	17,5	96,1
Cyprus	68,4	242,4	418,7	239,0	12,5	213,5	817,6	250,0
Korea, Republic of	2,1	8,3	12,4	41,7	3,3	2,8	6,4	16,9
Latvia	16,0	39,8	31,7	71,0	8,0	13,0	32,0	44,4
Lithuania	5,0	12,6	36,8	35,7	3,3	6,7	16,2	16,1

FOREIGN ECONOMIC ACTIVITY

Table 22.5 continued

	Exports				Imports			
	2000 ¹	2005 ¹	2010 ¹	2016	2000 ¹	2005 ¹	2010 ¹	2016
Liberia	5,8	14,6	42,8	14,6	0,2	0,6	0,2	0,0
Lebanon	8,4	7,5	13,8	21,2	0,5	1,0	3,4	1,8
Luxembourg	1,2	0,7	5,0	8,0	0,2	0,3	5,9	5,9
Malaysia	0,5	5,7	11,2	10,8	0,1	0,3	0,6	3,1
Malta	32,0	35,2	93,1	102,5	2,3	1,4	2,3	84,9
Morocco	2,2	2,0	2,7	9,6	0,1	0,6	0,5	0,5
Marshall Islands	0,3	5,2	25,2	28,0	0,0	0,0	0,1	0,1
Moldova, Republic of	21,6	33,7	67,1	76,1	9,7	15,3	29,1	26,1
Nigeria	0,2	3,7	8,5	10,8	0,0	0,7	0,7	0,9
Netherlands	18,5	73,2	103,2	145,9	24,0	65,6	125,1	108,0
Germany	105,0	185,8	337,2	488,4	69,3	171,3	353,4	364,1
Norway	11,0	13,5	41,3	21,5	1,7	6,9	10,5	24,8
United Arab Emirates	4,3	26,0	69,4	170,7	1,9	10,8	49,9	102,6
Panama	10,6	34,0	168,3	77,9	0,6	1,8	30,0	8,5
Poland	34,1	62,2	93,1	220,6	17,7	77,0	141,2	138,6
Portugal	0,8	10,6	10,9	4,4	0,2	2,4	54,1	11,0
Russian Federation	2049,1	2574,5	5157,1	3077,4	182,5	436,7	793,5	499,9
Romania	9,6	8,0	21,6	57,6	4,4	4,0	11,2	9,2
Saudi Arabia	0,1	4,3	1,8	21,3	0,2	0,5	0,6	0,9
Seychelles	—	8,0	11,8	16,0	0,0	0,8	0,5	1,0
Serbia	—	—	12,1	12,5	—	—	7,2	1,2
Singapore	7,0	13,4	17,7	22,3	4,5	2,5	5,6	20,3
Slovakia	8,1	49,2	50,6	27,1	6,2	17,5	18,2	109,2
Slovenia	1,7	2,0	5,8	15,3	0,6	2,6	3,9	5,4
USA	122,7	281,4	596,9	717,3	264,0	306,8	379,4	693,6
Thailand	2,4	5,5	18,3	18,7	1,0	8,1	17,6	4,5
Turkey	39,0	90,2	154,6	177,3	14,0	93,9	224,7	288,6
Turkmenistan	15,5	108,0	111,5	348,3	0,9	13,9	7,2	40,5
Hungary	28,1	128,2	223,9	113,3	14,9	49,8	52,3	51,7
Finland	1,8	14,7	48,1	19,2	1,6	2,9	22,0	21,8
France	25,7	57,4	123,6	118,5	10,3	53,2	230,2	91,5
Czech Republic	7,6	21,2	43,1	57,9	7,0	17,6	38,6	55,2
Switzerland	47,8	296,2	431,2	676,7	32,2	111,1	178,6	191,2
Sweden	9,0	16,5	44,6	122,5	13,5	90,6	158,9	47,0
Sri Lanka	0,6	1,4	1,6	2,6	0,2	0,0	0,9	8,9
Japan	4,4	5,3	14,6	6,8	8,0	5,4	6,1	20,0

¹ The volumes of exports/imports of services have been updated in line with the Technique for retrospective recalculation of value of services for processing in external economic activity (SSSU decree № 419 of December 31, 2014) excluding distribution by country

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22.6. 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
Ukraine¹	6671	9868,0	100,0	5109	5326,5	100,0
Autonomous Republic of Crimea
oblasts						
Vinnitsya	76	66,1	0,7	70	14,9	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
cities						
Kyiv	2567	2682,2	27,2	1993	2091,8	39,3
Sevastopol

¹ Including the undistributed services by region

FOREIGN ECONOMIC ACTIVITY

22.7. Structure of exports/imports of services in 2016

	Exports		Imports	
	mln. USD	percentage of total, section, unit	mln. USD	percentage of total, section, unit
Total	9868,0	100,0	5326,5	100,0
Services for the processing of material resources	1125,7	11,4	5,3	0,1
services for the processing of goods in the domestic economy	8,7	0,8	0,1	1,1
services for processing of goods 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
Business services	790,6	8,0	813,5	15,3
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

FOREIGN ECONOMIC ACTIVITY

22.8. Direct investment in Ukraine in 2016*(mln. USD)*

	Total	Of which, from	
		EU countries	other countries
Direct investment of non-residents in Ukraine (paid-in capital and debt instruments), as of January 1	44037,2	33229,9	10807,3
Paid-in capital of non-residents of Ukraine, as of January 1	36154,5	26405,6	9748,9
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
Paid-in capital of non-residents in Ukraine, as of December 31	37655,5	26099,2	11556,3
Direct investment of non-residents of Ukraine (paid-in capital and debt instruments), as of December 31	45249,3	32737,7	12511,6

22.9. Direct investment (paid-in capital) from the world's countries into economy of Ukraine*(mln. USD)*

	Volume of direct investment, as of January 1							As of December 31, 2016
	2010	2011	2012	2013	2014	2015	2016	
Total	39824,5	46293,5	49494,4	53178,1	53704,0	40725,4	36154,5	37655,5
Cyprus	8760,6	9799,4	13026,9	16478,1	17725,6	12769,4	10239,5	9691,6
Netherlands	7464,0	11396,6	9330,6	8733,7	9007,5	6986,7	6184,7	5753,9
Russian Federation	2178,9	3015,7	3222,5	3415,1	3525,9	2338,9	3036,9	4349,8
United Kingdom	2307,5	2287,1	2593,4	2553,6	2768,2	2153,4	1790,3	2046,3
Virgin Islands, British	1342,7	1451,5	1666,0	2007,6	2275,9	1988,3	1715,0	1766,5
Germany	6086,0	5080,0	5383,4	4549,4	2908,4	2105,2	1598,2	1606,6
Switzerland	796,4	862,3	947,7	1105,9	1351,0	1391,5	1390,8	1467,3
France	1394,4	2131,7	2024,0	1546,2	1520,5	1394,6	1305,4	1294,3
Austria	1686,7	1812,9	2509,4	2493,2	2314,0	1648,7	1559,8	1272,8
Luxembourg	265,1	441,7	495,2	566,1	555,8	398,8	363,9	965,4
Hungary	711,5	700,5	681,4	685,8	685,9	593,2	614,9	770,7
Poland	847,0	913,2	834,5	897,4	819,8	808,6	758,3	760,4
USA	1285,8	1134,8	1000,7	1013,9	934,7	701,6	634,1	698,8
Belize	120,0	139,7	159,7	852,0	1026,6	652,5	535,1	523,4
Other countries	4577,9	5126,4	5619,0	6280,1	6284,2	4794,0	4427,6	4687,7

FOREIGN ECONOMIC ACTIVITY

**22.10. Direct investment (paid-in capital) to Ukraine in 2016,
by type of economic activity**

(mln. USD)

	as of January 1	as of December 31
Total	36154,5	37655,5
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, medical 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
Manufacture of furniture and 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	... ¹	... ¹
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	... ¹	... ¹

¹ 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

FOREIGN ECONOMIC ACTIVITY

22.11. 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
Ukraine	36154,5	37655,5	6315,2	6340,6
Autonomous Republic of Crimea
oblasts				
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	... ¹	... ¹
Zakarpattya	311,8	317,7	... ¹	... ¹
Zaporizhzhya	682,7	650,0	25,0	28,9
Ivano-Frankivsk	836,6	818,2	... ¹	... ¹
Kyiv	1593,4	1502,5	0,9	8,4
Kirovohrad	52,5	59,1	0,0	0,0
Luhansk	443,9	379,1	... ¹	... ¹
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	—	... ¹
Sumy	199,1	190,1	2,0	3,1
Ternopil	49,2	48,5	... ¹	... ¹
Kharkiv	1554,6	1632,9	10,3	11,8
Kherson	211,0	202,6	0,1	0,1
Khmelnyskiy	165,5	160,2	... ¹	... ¹
Cherkasy	348,0	334,9	... ¹	... ¹
Chernivtsi	59,1	57,5	... ¹	... ¹
Chernihiv	92,1	240,9	—	—
cities				
Kyiv	19296,0	21471,8	190,1	212,0
Sevastopol

¹ See the footnote to Table 22.10

FOREIGN ECONOMIC ACTIVITY

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

	Total	Of which, to	
		EU countries	other countries
Direct investment of residents in economies of the world (paid-in capital and debt instruments), as of January 1	6532,3	6326,3	206,0
Paid-in capital of residents of Ukraine, as of January 1	6315,2	6111,0	204,2
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
Paid-in capital of residents in economies of the world, as of December 31	6340,6	6109,4	231,2
Direct investment of residents in economies of the world (paid-in capital and debt instruments), as of December 31	6567,5	6333,5	234,0

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

	Volume of direct investment, as of January 1							As of December 31, 2016
	2010	2011	2012	2013	2014	2015	2016	
Total	5782,8	6424,8	6456,2	6588,7	6702,9	6456,2	6315,2	6340,6
Cyprus	5336,1	5900,1	5899,7	5917,6	5925,1	5926,1	5923,7	5930,5
Russian Federation	166,1	190,3	236,6	292,6	377,9	196,4	122,8	144,2
Latvia	31,9	87,9	80,4	95,5	98,6	85,0	69,8	67,0
Virgin Islands, British	20,8	25,8	25,8	25,8	25,8	25,8	51,3	57,6
Poland	49,4	49,1	48,2	54,2	56,4	53,4	50,2	44,4
Hungary	0,1	0,1	0,1	4,2	17,3	16,0	14,6	14,9
Estonia	—	—	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Lithuania	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Netherlands	... ¹	... ¹	0,1	13,5	14,2	12,5	11,2	10,7
Moldova, Republic of	15,2	15,2	16,7	16,9	16,9	10,7	7,8	7,1
Switzerland	5,1	9,3	9,2	5,7	8,2	7,3	7,3	7,1
Other countries	154,1	139,1	128,7	133,6	108,1	93,7	30,0	31,7

¹ See the footnote to Table 22.10

FOREIGN ECONOMIC ACTIVITY

**22.14. Direct Ukrainian investment (paid-in capital) abroad in 2016,
by type of economic activity***(mln. USD)*

	As of January 1	As of December 31
Total	6315,2	6340,6
Agriculture, forestry and fishing	16,7	15,9
Industry	109,6	114,0
Manufacturing	108,7	113,0
Manufacturing of food products, beverages and tobacco products	52,2	51,6
Manufacture of textiles, apparel, leather and related products	... ¹	... ¹
Manufacture of wood and paper products, and printing	7,5	7,2
Manufacture of chemicals and chemicals products	... ¹	... ¹
Manufacture of pharmaceuticals, medical 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	... ¹	... ¹
Water supply, sewerage, waste management and remediation	... ¹	... ¹
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	... ¹	... ¹
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	... ¹	... ¹
Education	... ¹	... ¹

¹ See the footnote to Table 22.10

23. DOMESTIC TRADE

Wholesale turnover is defined as resale of goods (excluding further processing) by enterprises whose principle type of activity is wholesale trade on behalf of their name of new or consumed goods (finished products) at the moment of their dispatch, purchasing on one's own account without any changes (apart from conventional trade-related operations: weighting, sorting of large lots of goods, packing, dividing into lots, distributing, stacking, mixing, etc) to retailers, enterprises and organisations or other wholesalers (apart from the population) to be used or further sale within Ukraine and for exports. Wholesale turnover excludes VAT.

Turnover of retail trade includes retail trade turnover of enterprises engaged in retail trade as well as estimated sales of goods

through the retail trade network that belong to individual entrepreneurs and in markets.

Retail trade turnover of enterprises operating in retail trade (retail trade turnover of trade network) is defined as turnover from trade activity of enterprises, i.e. revenue from sales of goods directly to the population for personal (non-commercial) consumption (both for cash and bank cards, etc) through retail network (shops (including chemists shops), filling stations, kiosks, tents, stalls, the internet shops, and mail order firms) by enterprises including commercial intermediaries as well as revenues obtained via a cash desk of enterprises from sales of consumer goods directly to the population for personal consumption.

Monetary values reflect current prices, volume indices of trade turnover are shown at comparable prices.

23.1. Trade turnover of domestic trade

(bln. UAH)

	2005	2010	2011	2012	2013	2014	2015	2016
Wholesale turnover of enterprises	492,5	993,7	1107,3	1093,3	1074,8	988,0	1244,2	1556,0
Turnover of retail trade ¹	174,4	541,5	685,7	812,1	888,8	901,9	1031,7	1175,3
including retail trade turnover of enterprises which operated in retail trade	90,0	271,4	338,7	392,6	420,1	427,5	487,6	556,0

¹ Including data derived from complete enumeration and administrative data of retail trade belonging to natural persons (businesses)

DOMESTIC TRADE

23.2. Wholesale turnover, by region*(mln. UAH)*

	2005	2010	2012	2013	2014	2015	2016
Ukraine	492506,2	993695,8	1093290,8	1074753,2	987957,0	1244220,8	1555965,7
Autonomous Republic of Crimea	5291,6	13714,8	13046,4	13634,5
oblasts							
Vinnitsya	3068,0	8457,2	8909,8	8743,0	10539,9	18228,0	14770,4
Volyn	12083,1	15810,2	13615,0	14743,1	14149,1	18495,0	51852,4
Dnipropetrovsk	66225,4	98919,8	85859,6	89008,6	77711,3	93252,0	122254,3
Donetsk	67987,1	173920,2	207136,2	176452,1	95619,0	68053,0	53137,3
Zhytomyr	4758,6	13616,4	5641,0	5481,6	5476,9	6689,5	16529,6
Zakarpattia	3840,9	6770,3	8799,4	11151,6	12807,3	14000,1	6709,4
Zaporizhzhya	17734,8	25661,9	16864,3	16201,4	15869,5	22811,8	35029,2
Ivano-Frankivsk	4385,2	8616,9	7255,4	10558,7	6770,0	9244,6	11412,5
Kyiv	15735,2	43988,9	61127,0	61511,4	65785,1	83826,2	101414,7
Kirovohrad	3024,8	8409,7	12155,7	16024,3	20384,7	14450,8	17297,5
Luhansk	19470,4	22089,8	19004,8	15189,3	7770,4	3800,9	4794,5
Lviv	16210,6	23915,6	41664,0	39196,3	41679,6	36354,2	37894,5
Mykolayiv	13588,9	21057,3	16639,4	18139,6	17447,5	23706,5	30834,5
Odesa	21787,1	46337,3	42905,8	41784,1	38824,4	43597,4	75226,7
Poltava	8332,7	32607,6	11449,8	12099,6	12827,1	16224,3	22999,1
Rivne	5667,5	3729,2	4387,5	4307,1	4448,8	6231,1	7617,7
Sumy	3027,9	5261,3	4977,9	4821,8	5116,8	11052,9	15577,4
Ternopil	1546,6	4944,0	19434,4	19617,1	22884,6	30458,6	9593,2
Kharkiv	25983,0	46662,4	51375,8	42160,6	44503,0	62936,7	66793,5
Kherson	5137,3	10473,0	7217,5	6216,9	7056,3	8967,4	10801,8
Khmelnyskiy	7955,9	5009,4	6111,7	6416,0	4939,9	6876,3	10395,3
Cherkasy	4334,8	9841,5	13022,5	12320,6	15202,8	23101,2	22675,5
Chernivtsi	2013,8	2529,6	3174,2	3061,0	2751,0	3690,8	4252,5
Chernihiv	2505,8	5926,9	7070,9	6554,9	7578,3	9863,4	10837,9
cities							
Kyiv	148249,2	324179,1	400773,2	416007,1	429813,7	608308,1	795264,3
Sevastopol	2560,1	11245,5	3671,5	3350,7

DOMESTIC TRADE

23.3. Commodity structure of wholesale turnover in 2011–2014

(mln. UAH)

	2011	2012	2013	2014
All commodities	1107283,4	1093290,8	1074753,2	987957,0
Food products	194516,0	215169,0	199674,1	194669,3
meat and meat products	14180,7	17243,1	12301,3	9824,7
dairy products, butter and cheese	14691,1	16894,1	18833,3	16289,6
margarine and fats food similar	2858,5	2719,2	1967,6	3100,0
vegetable oil	12344,6	13648,9	16466,8	17713,1
distilled alcoholic beverages	9182,1	9779,8	9599,1	5403,0
ethyl alcohol	44,6	22,4	69,8	87,4
fresh grape wines and mash grape	3547,5	3602,1	3267,8	2394,3
cider and other fruit and berries wines	90,2	84,9	79,7	73,6
vermouth and other flavoured fresh grape wines	382,7	461,1	554,4	368,8
beer, apart from brewery waste	7563,6	7733,2	7306,4	6268,6
mineral waters and soft drinks and fruit and vegetable juices	8795,9	8945,9	8158,3	8270,2
tobacco products, apart from tobacco waste	24632,8	27007,7	27198,6	31215,0
sugar	6487,0	4610,5	5290,0	4273,8
chocolate and sugar confectionary products	15437,8	15124,4	14879,2	14018,9
roast coffee that contains or does not contain caffeine; non-roasted decaffeinated coffee	6250,2	5634,5	4668,9	5440,3
green tea (non-enzymatic), black tea (enzymatic) and tea partially enzymatic	3058,4	2970,7	2708,0	3744,0
cocoa paste whether or not defatted, cocoa butter, cocoa fat, cocoa powder	200,3	230,8	230,6	191,8
spices and seasoning, apart from salt	2041,8	2145,3	2228,1	2578,7
fish, crustacean and molluscs, processed and conserved	6717,5	7074,4	8127,1	6331,4
rice	664,3	556,3	578,6	801,4
flour	1564,9	1251,8	1122,4	1014,7
cereals, coarse flour, pellets and other products of grain crops	1168,3	1056,5	1086,1	1211,0
macaroni, noodles, couscous and pastries	981,6	1081,5	919,7	875,8
edible salt and pure sodium chloride; sea water	757,4	757,2	665,0	568,6
fruit and vegetables, processed and conserved, excluding potatoes	2076,1	2486,0	2009,0	1606,5
fresh fruit and vegetables	—	—	—	6684,6
other food products	48796,1	62046,7	49358,3	44319,5
Manufactured goods	912767,4	878121,8	875079,1	793287,7
motor vehicles for light loads	26036,9	28947,8	29208,5	21141,1
freight motor vehicles	3454,3	5055,5	4086,2	3060,4
components, parts and equipment for cars and motor vehicles	11684,6	12941,4	13524,2	12624,6
motorcycles	101,6	132,5	207,1	219,1
wheat	11907,8	18655,4	13028,6	21439,0
including				
hard wheat	1306,8	1903,2	1950,2	2970,6
wheat, apart from hard wheat	10601,0	16752,2	11078,4	18468,4

DOMESTIC TRADE

Table 23.3 continued

	2011	2012	2013	2014
corn	15999,5	26084,6	26477,9	24901,5
barley	5426,2	7975,5	4737,9	7605,5
rye, oats	148,7	149,8	177,4	168,2
mustard seeds, seeds of rape and colza, sesame, sunflower	9838,2	13987,3	15954,7	15663,6
fodders finished for animals	3227,6	4336,3	4775,7	3673,2
live dairy breed cattle	72,5	41,1	48,8	20,3
live pigs	119,6	57,4	47,3	41,7
fabrics	1183,9	939,0	1149,6	1163,9
textile products finished, apart from clothes	809,9	898,2	621,5	517,3
fridges and deep freezers	3330,7	2738,0	2523,1	1734,4
washing machines and dryers machines	1705,1	1246,7	1086,2	882,4
household electronic equipment, recording and playing sound and image	4264,7	3752,7	3843,1	2995,3
household and decorative ceramic products	1462,2	1521,6	1434,7	798,5
perfumery and cosmetics	11340,3	13464,5	13984,7	13114,6
wallpaper	754,7	675,6	703,8	547,9
soap and detergents, cleans and lustre preparations	5691,4	7468,7	7795,3	7480,3
basic pharmaceutical products	42523,2	49115,9	54969,6	60186,0
radiological, electric and medical, and electric and therapeutic equipment, medical and dental tools and materials	4712,1	3815,8	3983,3	3080,7
black coal	62073,0	53051,3	47497,3	15867,5
brown coal	8,2	10,5	6,8	8,5
crude oil, including oil, obtained from bituminous minerals	2627,7	1280,6	745,9	939,7
liquid propane and butane	—	4855,3	8199,2	6456,9
petrol for motor vehicles including aircraft gasoline	41671,1	40662,3	46312,7	40301,2
gas oil (diesel fuel)	61226,1	67341,9	87405,7	97872,2
heavy fuel oil	1894,9	1327,6	1409,2	817,1
oils and lubricants; hard oil distillates	6167,3	5677,0	5407,0	5643,0
basic ferrous metals: iron, cast iron, steel and ferroalloys	65326,9	60106,8	44814,4	31363,1
including				
ferroalloys	1078,5	1409,4	1182,6	1615,7
flat section hot rolled of plating steel, with galvanic or other coating, flat products of high cutting steel and silicone electrotechnical steel	1317,7	1851,8	1136,0	1348,2
flat section hot rolled of steel	31884,7	25650,9	14742,1	12768,0
cold rolled flat products from non-alloyed steel	6275,5	5201,5	4050,6	5028,7
rods and cores, heat treated, from steel and tongued and grooved pales and structural elements of rail and tram tracks, heat treated, from ferrous metals	20901,8	21862,0	15476,6	9308,8
pellets and powders from processed or mirror pig iron or from ferrous metals	—	955,9	410,4	43,3

DOMESTIC TRADE

Table 23.3 continued

	2011	2012	2013	2014
products of other primary processing of steel other	22039,3	20953,9	21096,8	17072,3
non-ferrous metals (excluding precious metals) – aluminum, lead, zinc and tin, copper, other non-ferrous metals	4875,9	3351,6	3085,5	2610,2
slag and wastes of ferrous metals production	26232,7	—	—	—
timber	817,9	1163,3	748,4	601,2
wood and wood products and skin, apart from furniture; straw products and products from plant material for wickerwork	2274,2	2189,2	2517,0	2094,0
polymer-based paints and varnishes	2984,7	2519,1	2783,4	2286,5
sheet and hollow glass	2459,2	1800,7	1667,3	1734,0
tubes, pipelines, gutters, drain-pipes and ceramic tubular fittings	310,0	243,3	161,2	63,0
portland cement, alumina cement, cindery slag cement and similar water-hardening cements	4052,6	4174,0	3814,4	3075,8
products made of asbestos cement, cement of fibres of cellulose or similar materials	416,7	286,2	221,9	220,1
asphalt products or similar materials	307,2	475,7	506,4	307,1
tubes, hollow lances and cross sections and fittings for pipes and lances, of foundry iron	216,7	115,0	178,4	107,8
tubes, hollow lances, cross sections and fittings of steel	13655,1	8631,7	6551,1	4949,3
radiators and copper ferrous central heating	846,4	1098,2	1052,7	989,8
steam or steam generating boilers, others that use overheat water	212,6	125,7	142,8	57,2
wire products, chains and springs	929,4	688,9	628,1	663,4
tubes, lances and hoses of bound rubber (apart from hard rubber)	170,8	108,4	49,8	98,0
plastic tubes, lances, hoses and fittings for them	1375,8	1493,7	1195,7	1065,2
other non-organic basic chemical substances	5386,9	2633,3	3092,0	2603,2
plastics in primary forms	3942,6	4375,5	4747,5	5329,6
synthetic rubber in primary forms	259,2	197,3	164,8	178,1
rubber tyres and inner tubes, new	5001,9	4806,6	5378,6	4456,8
nitrogen fertilisers and compounds	18789,6	18424,5	25320,7	29433,5
pesticides and other agrochemical products	9823,5	13877,0	12240,3	17810,9
electronic and electric wires and cables, other	6408,5	4041,1	3739,0	2545,7
paper and carton	4884,9	3378,4	2935,4	3307,8
office machines and equipment, computing machines, parts of equipment for them, memory devices and other devices for storage of data	12961,1	8783,9	7616,4	9773,3
services related to provision of software	866,4	288,0	391,5	815,2
goods for sports	887,9	813,1	797,9	919,9
jewellery and similar products	111,9	124,6	106,2	78,7
services related to books publishing, periodicals and services related to publishing, other	1033,8	612,9	564,9	426,6
furniture	2843,4	1699,0	1641,5	1033,8
other	348597,7	326333,4	313774,1	274251,0

DOMESTIC TRADE

23.4. Commodity structure of wholesale turnover*(mln. UAH)*

	2015	2016
All commodities	1244220,8	1555965,7
Food products	224268,9	252771,0
meat and meat products	12271,4	13833,4
dairy products, butter and cheese	15477,8	15021,4
eggs	1388,5	1474,3
oils and fats food	19212,5	16628,1
including		
margarine and fats food similar	4124,5	4500,7
vegetable oil	15077,8	12047,7
distilled alcoholic beverages	7305,5	12518,5
fresh grape wines and mash grape	2335,6	3524,6
cider and other fruit and berries wines	117,2	231,1
vermouth and other flavoured fresh grape wines	402,0	703,2
beer, apart from brewery waste	7446,2	8978,8
mineral waters and soft drinks and fruit and vegetable juices	9267,5	10614,4
tobacco products, apart from tobacco waste	45910,0	57909,3
bakery products and flour confectionary	1017,4	1659,1
sugar	5159,4	7965,6
chocolate and sugar confectionary products	15112,8	16942,1
roast coffee that contains or does not contain caffeine; non-roasted decaffeinated coffee	11135,2	11646,4
green tea (non-enzymatic), black tea (enzymatic) and tea partially enzymatic	3670,1	3655,4
cocoa paste whether or not defatted, cocoa butter, cocoa fat, cocoa powder	309,9	292,3
spices and seasoning, apart from salt	2986,4	3039,3
fish, crustacean and molluscs	10117,0	7947,0
rice	1137,8	853,1
flour	1569,1	2763,0
cereals, coarse flour, pellets and other products of grain crops	1832,8	3078,0
macaroni, noodles, couscous and pastries	948,6	1108,8
edible salt	488,2	643,5
fruit and vegetables, processed	1983,2	1927,8
fresh fruit and vegetables	6567,1	8969,0
including potatoes	223,0	296,1
other food products	39099,7	38843,5
Manufactured goods	1019951,9	1303194,7
motor vehicles for light loads	23092,2	47734,9
freight motor vehicles	3109,5	5967,8
tires and rubber bags for vehicles	8652,9	9472,2
parts and equipment for cars and motor vehicles	18325,5	27850,5
motorcycles, parts and equipment for them	281,4	200,7

DOMESTIC TRADE

Table 23.4 continued

	2015	2016
wheat	28226,6	39675,0
including		
hard wheat	3154,0	4025,3
wheat, apart from hard wheat	25072,6	35649,7
corn	36294,6	41125,3
barley	9132,1	9830,5
rye, oats	276,8	239,1
mustard seeds, seeds of rape and colza, sesame, sunflower	18008,0	29419,5
fodders finished for animals	5874,8	5939,6
live dairy breed cattle	85,2	81,6
live pigs	38,7	34,2
other agricultural raw materials and live animals	5952,0	8475,3
textile products, clothes and footwear	3914,2	5479,1
fridges and deep freezers	1397,7	2691,4
washing machines and dryers machines	644,3	2452,4
household electronic equipment, recording and playing sound and image	4051,3	6974,8
articles made from ceramics, glass, wood, cork, plaiting, cutlery	2314,9	2890,3
cleans and lustre preparations	5739,8	6735,4
perfumery and cosmetics	17040,0	19728,6
basic pharmaceutical products	72097,8	94493,3
surgical, medical and orthopedic instruments and devices	4483,0	5517,0
furniture, carpets and illuminating devices	1780,6	2337,3
watches and jewellery	67,5	335,5
books, newspapers, magazines and periodicals, printed and in electronic formats	435,7	419,0
stationery	1175,8	1698,7
other consumer goods	2742,4	3869,4
including sporting goods	549,2	994,3
information and communication equipment	4296,4	5286,7
machinery and equipment for agriculture, mining and construction, textile, clothing and knitwear production	8749,0	22684,4
office furniture, machinery and equipment	16184,1	4913,8
other machinery and equipment	17943,0	27789,6
black coal	37398,0	30983,4
brown coal	9,0	79,9
crude oil, including oil, obtained from bituminous minerals	5120,4	768,4
liquid propane and butane	8202,6	9155,1
petrol for motor vehicles including aircraft gasoline	46354,7	65830,1
gas oil (diesel fuel)	114890,5	147451,6
heavy fuel oil	3449,7	3356,4

DOMESTIC TRADE

Table 23.4 continued

	2015	2016
oils and lubricants; hard oil distillates	8103,5	9824,8
fuel solid, liquid and gaseous other	6290,2	4629,6
basic ferrous metals: iron, cast iron, steel and ferroalloys	42368,9	62466,7
including		
ferroalloys	2214,6	2546,4
steel	473,4	4254,7
flat section hot rolled of plating steel, with galvanic or other coating,		
flat products of high cutting steel and silicone electrotechnical steel	1616,3	2167,6
flat section hot rolled of steel	7814,8	13150,9
cold rolled flat products from non-alloyed steel width		
not less than 600 mm	4631,5	5551,8
rods and cores, heat treated, from steel and tongued		
and grooved pales and structural elements of rail and		
tram tracks, heat treated, from ferrous metals	12352,9	15130,3
tubes, hollow lances, cross sections and fittings of steel	6349,2	11148,0
products of other primary processing of steel other	2046,0	2486,5
pellets and powders from processed or mirror pig iron		
or from ferrous metals	2,4	1,6
metal ore	978,0	295,6
non-ferrous metals (excluding precious metals) – aluminum, lead,		
zinc and tin, copper, other non-ferrous metals	2235,2	3524,9
timber	787,2	948,7
wood and wood products and skin, apart from furniture; straw products		
and products from plant material for wickerwork	2965,8	3795,2
sanitary equipment	2183,9	3008,8
paints, varnishes and enamels	2967,0	4081,3
sheet glass	1687,1	2537,4
portland cement, alumina cement, cindery slag cement		
and similar water-hardening cements	3656,9	4804,4
products made of asbestos cement, cement of fibres of cellulose		
or similar materials	293,0	290,2
asphalt products or similar materials	670,5	423,2
other construction materials	11577,9	16772,8
wallpaper, floor coverings (except carpets)	1055,5	1420,5
hardware, plumbing and heating equipment	3265,8	4813,3
radiators and copper ferrous central heating	1465,1	1566,1
steam or steam generating boilers, others that use overheat water	40,2	103,5
fertilizers, agrochemical products	87200,5	111341,2
industrial chemicals	11756,0	19228,2
paper and carton	4305,1	4408,3
plastics and rubber in primary forms	7677,7	6161,6
synthetic rubber in primary forms	267,7	209,4
wastes and scrap	7343,3	12599,2
other	271016,8	323972,0

DOMESTIC TRADE

23.5. Turnover of retail trade, by region

	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
	at current prices, mln. UAH					percent of the previous year, at comparable prices				
Ukraine	174367	541548	901924	1031679	1175319	122,4	109,8	91,1	80,2	104,3
Autonomous Republic of Crimea	7095	22129	124,7	108,4
oblasts										
Vinnitsya	4871	14712	29264	34509	38400	121,5	112,1	98,5	86,3	106,1
Volyn	3498	10121	21476	27154	28827	121,0	107,6	96,4	87,0	97,2
Dnipropetrovsk	13606	41779	80419	94928	106421	122,0	110,1	99,1	80,6	101,8
Donetsk	16287	55012	64698	34575	36724	123,0	112,4	61,2	37,0	94,5
Zhytomyr	3620	11494	23250	28459	31483	117,8	109,4	99,7	86,7	101,0
Zakarpattia	4454	11250	20213	24788	27320	115,8	106,4	98,4	86,9	102,0
Zaporizhzhya	8645	23441	41932	48177	55443	116,2	112,6	98,0	79,3	105,4
Ivano-Frankivsk	3939	13097	27419	33806	37657	120,3	105,3	99,8	86,7	103,9
Kyiv	5293	20559	43575	55042	61998	115,6	109,4	96,8	90,6	104,8
Kirovohrad	2856	9175	18022	21987	25618	115,7	111,4	99,9	86,5	106,7
Luhansk	7229	23035	19750	8180	9127	113,9	114,7	43,3	29,6	102,5
Lviv	8796	25228	45752	57520	68369	120,6	105,2	98,4	87,3	107,2
Mykolayiv	3890	12724	23448	27532	32117	115,9	107,5	93,4	81,9	106,5
Odesa	9564	32588	60670	72630	86054	122,0	108,7	91,2	84,2	108,5
Poltava	5151	14508	26399	30567	35673	116,4	107,4	95,4	81,7	106,4
Rivne	3238	9787	19652	23460	25648	117,0	104,9	99,9	83,7	99,9
Sumy	3654	9948	19190	22872	26283	118,3	105,8	98,2	84,1	104,6
Ternopil	2698	9096	16737	20260	22494	126,0	105,6	98,7	86,9	102,1
Kharkiv	13402	38848	71733	84056	95904	125,0	106,3	98,6	81,1	103,9
Kherson	3684	11393	21208	26351	29760	114,9	106,0	97,1	86,1	103,8
Khmelnyskiy	4132	12515	22286	26030	29825	117,0	106,6	93,1	83,5	105,8
Cherkasy	4022	12978	23994	27926	30812	113,6	112,2	99,3	85,3	104,4
Chernivtsi	2532	8025	14637	17475	18989	116,5	104,9	99,7	86,3	99,8
Chernihiv	3108	10064	18422	21700	24745	114,1	106,8	98,8	82,7	104,0
cities										
Kyiv	23288	72084	127778	161695	189628	138,4	111,7	96,9	86,1	105,8
Sevastopol	1815	5958	126,3	112,8

DOMESTIC TRADE

23.6. Basic indicators for retail turnover of enterprises

	Retail turnover of enterprises			Turnover sales network			Restaurant turnover		
	total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas
mln. KRB									
1940	3203	2354	849	2817	2026	791	386	328	58
1945	1982	1435	547	1571	1077	494	411	358	53
1950	5731	4457	1274	4941	3775	1166	790	682	108
1955	8065	6012	2053	6990	5145	1845	1075	867	208
1960	13347	10556	2791	11987	9385	2602	1360	1171	189
1965	18504	14526	3978	16544	12847	3697	1960	1679	281
1970	27548	21491	6057	24582	18941	5641	2966	2550	416
1975	36919	29572	7347	33095	26244	6851	3824	3328	496
1980	46742	38291	8451	42316	34414	7902	4426	3877	549
1985	53812	44093	9719	48731	39626	9105	5081	4467	614
1990	78338	64558	13780	71745	58833	12912	6593	5725	868
mln. UAH									
1995	11964	10425	1539	10949	9522	1427	1015	903	112
2000	28757	25396	3361	26663	23568	3095	2094	1828	266
2005	94332	86804	7528	90005	82912	7093	4327	3892	435
2010	280890	256716	24174	271381	248034	23347	9509	8682	827
2011	350059	319774	30285	338690	309289	29401	11369	10485	884
2012	405114	371798	33316	392555	360180	32375	12559	11618	941
2013	433081	398052	35029	420146	386112	34034	12935	11940	995
2014	438343	400664	37679	427461	390523	36938	10882	10141	741
2015	487558	446509	41049
2016	555975	511463	44512

23.7. Volume indices of retail turnover of enterprises¹

(percent of the previous year; at comparable prices)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Retail turnover	108,7	124,3	110,2	113,3	112,5	106,2	90,2	80,2	104,5
Food products	99,8	119,0	105,8	112,8	117,6	107,7	96,8	82,4	101,5
foodstuffs	95,0	119,3	109,9	112,0	116,5	112,2	97,7	83,8	103,9
alcoholic beverages	113,1	118,1	99,9	105,8	102,2	101,9	94,1	89,2	97,1
Manufactured goods	117,8	128,0	112,9	113,6	109,6	105,3	85,9	78,7	106,5

¹ Here and elsewhere (Tables 23.8–23.21), data are given on enterprises (legal persons) that carried out activity on retail trade

DOMESTIC TRADE

23.8. Retail turnover of enterprises, by region*(mln. UAH)*

	2000	2005	2010	2012	2013	2014	2015	2016
Ukraine	26663,4	90004,9	271380,9	392555,3	420145,4	427460,9	487558,1	555975,4
Autonomous Republic of Crimea	867,6	3220,0	9688,8	15812,3	17404,5
oblasts								
Vinnitsya	749,8	2174,5	5507,3	8108,2	8529,6	9816,2	11426,6	12644,4
Volyn	527,2	1744,0	4550,4	6955,7	7962,6	9091,7	11624,3	11986,1
Dnipropetrovsk	2231,9	8079,5	24063,2	34196,1	36858,2	42110,9	47718,4	52210,1
Donetsk	2442,8	7464,1	24608,9	36600,5	39121,1	27630,1	15109,2	16031,3
Zhytomyr	617,7	1673,4	4847,7	7035,4	7688,9	9114,7	10793,6	11886,7
Zakarpattia	703,3	2595,4	5877,8	7606,9	7983,8	9663,1	12239,4	13365,6
Zaporizhzhya	1261,9	3722,5	10467,6	15662,8	16774,7	19371,5	22161,5	25359,2
Ivano-Frankivsk	545,0	1500,7	4751,9	6989,8	7415,7	8981,3	10570,5	11664,7
Kyiv	873,9	2793,5	11736,3	20011,2	21808,5	25096,9	31737,8	37060,0
Kirovohrad	479,1	1425,1	4344,6	6110,7	6440,6	7534,0	8555,4	9928,9
Luhansk	964,1	2654,3	8910,6	13890,2	14682,4	7470,3	3102,4	3525,8
Lviv	1704,7	5310,0	14504,9	19042,6	19092,1	22976,8	29163,4	34118,0
Mykolayiv	512,4	1660,5	5546,9	8133,1	8681,4	9701,1	11390,7	13287,6
Odesa	1024,7	4978,5	17523,6	26312,3	28253,2	30719,3	36775,2	43596,4
Poltava	1005,3	2427,0	7011,1	10191,4	10619,9	11843,8	13492,8	15410,7
Rivne	412,9	1539,5	4207,8	5917,8	6401,5	7968,6	9422,2	9853,4
Sumy	727,0	1655,1	3766,6	5632,2	5845,1	6881,0	8135,3	9338,8
Ternopil	358,4	1287,6	3738,1	4890,2	4964,3	6070,6	7354,1	8052,2
Kharkiv	1924,2	6546,5	18197,4	25066,5	27097,3	31179,4	36807,4	41849,7
Kherson	496,0	1780,3	5064,4	7219,1	7694,2	9067,8	10994,4	12567,0
Khmelnyskiy	529,8	1751,4	5136,9	7159,0	7380,8	8647,7	10063,3	11530,2
Cherkasy	604,4	1672,3	5450,5	7770,3	8276,3	9523,4	11057,9	12153,5
Chernivtsi	450,2	1389,5	4031,9	4984,7	5180,5	6427,7	7659,2	8189,0
Chernihiv	656,7	1475,2	4198,7	6033,8	6547,9	7651,9	8855,8	9955,4
cities								
Kyiv	3775,4	16640,8	50647,8	70080,8	75706,0	82921,1	101347,3	120410,7
Sevastopol	205,8	843,7	2999,2	5141,7	5734,3

DOMESTIC TRADE

23.9. Per capita retail turnover of enterprises, volume indices

(percent of the previous year; at comparable prices)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
All commodities	110	125	111	114	113	106	95	81	105
Food products	101	120	106	113	118	108	102	83	102
Manufactured goods	119	129	113	114	110	106	91	79	107

23.10. Per capita retail turnover of enterprises in urban and rural areas

(UAH)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
All commodities	542	1911	5916	7410	8610	9236	9941	11380	13029
Food products	261	742	2210	2733	3292	3625	3958	4674	5341
Manufactured goods	281	1169	3706	4677	5318	5611	5983	6706	7688
Turnover of goods									
in urban areas	700	2596	7878	9846	11479	12313	13146	15071	17318
in rural areas	195	468	1623	2057	2278	2408	2779	3106	3388

23.11. Proportion of food and manufactured products in retail turnover of enterprises

(percent)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
All commodities	100	100	100	100	100	100	100	100	100
Food products	48	39	37	37	38	39	40	41	41
Manufactured goods	52	61	63	63	62	61	60	59	59

DOMESTIC TRADE

23.12. Per capita retail turnover of enterprises, by region

(UAH)

	2000	2005	2010	2012	2013	2014	2015	2016		
								total	food products	manufactured goods
Ukraine	542	1911	5916	8610	9236	9941	11380	13029	5341	7688
Autonomous Republic of Crimea	420	1619	4932	8051	8852
oblasts										
Vinnysya	416	1271	3346	4973	5256	6080	7113	7921	2885	5036
Volyn	495	1673	4388	6693	7652	8724	11147	11505	3747	7758
Dnipropetrovsk	614	2334	7192	10319	11169	12821	14612	16101	7525	8576
Donetsk	496	1606	5530	8339	8973	6395	3529	3768	1938	1830
Zhytomyr	437	1251	3780	5535	6075	7238	8623	9555	3894	5661
Zakarpattia	557	2081	4717	6073	6359	7680	9718	10616	3867	6749
Zaporizhzhya	644	1992	5794	8757	9421	10939	12593	14519	6677	7842
Ivano-Frankivsk	382	1079	3443	5061	5366	6497	7647	8446	2990	5456
Kyiv	472	1577	6825	11629	12651	14529	18338	21381	8592	12789
Kirovohrad	415	1325	4285	6118	6496	7656	8758	10241	4827	5414
Luhansk	369	1095	3872	6134	6531	3350	1402	1602	825	777
Lviv	640	2056	5694	7495	7518	9053	11500	13463	4808	8655
Mykolayiv	398	1356	4675	6917	7414	8317	9809	11512	4814	6698
Odesa	410	2067	7332	11002	11793	12818	15365	18253	7293	10960
Poltava	605	1552	4694	6921	7259	8148	9344	10755	4093	6662
Rivne	350	1329	3652	5121	5529	6869	8112	8477	2990	5487
Sumy	548	1340	3228	4907	5136	6099	7275	8422	3785	4637
Ternopil	311	1154	3441	4533	4617	5665	6887	7579	2901	4678
Kharkiv	652	2306	6588	9137	9887	11403	13508	15443	7005	8438
Kherson	414	1572	4643	6679	7155	8473	10322	11867	4319	7548
Khmelnyskiy	365	1269	3861	5435	5632	6631	7754	8940	2813	6127
Cherkasy	423	1239	4224	6103	6546	7583	8865	9824	3896	5928
Chernivtsi	484	1527	4459	5501	5707	7070	8418	9009	3409	5600
Chernihiv	517	1252	3803	5570	6106	7210	8432	9580	4582	4998
cities										
Kyiv	1444	6210	18139	24767	26499	28809	34980	41290	16531	24759
Sevastopol	534	2227	7880	13449	14906

DOMESTIC TRADE

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

	2005	2010	2011	2012	2013	2014	2015	2016
All commodities	124,3	110,2	113,3	112,5	106,2	90,2	80,2	104,5
Food products	119,0	105,8	112,8	117,6	107,7	96,8	82,4	101,5
meat and meat products	121,9	111,1	107,0	110,9	116,5	90,9	87,5	97,4
butter	110,6	103,9	111,7	111,0	111,9	100,6	93,3	98,0
oil vegetable	124,4	109,5	116,5	110,5	101,8	100,8	78,5	85,3
fats animal food, margarine	113,6	75,3	82,4	95,4	103,2	98,9	83,3	92,8
milk and dairy products	115,1	103,1	103,2	114,2	110,6	95,5	96,3	104,2
rennet, melted and lactic cheese	121,9	100,3	113,5	119,9	107,2	98,4	97,7	102,5
eggs	107,0	115,0	143,9	125,5	120,4	96,9	86,5	109,9
sugar	104,3	81,4	110,3	114,5	137,4	102,5	88,4	81,6
confectionery (including ice cream)	117,3	105,0	108,4	110,5	108,4	97,5	84,8	106,6
tea	128,8	109,8	109,0	105,2	106,3	93,9	72,0	95,0
flour, bread and bakery products	104,4	103,1	103,7	107,9	105,4	101,2	89,0	106,0
potatoes	126,3	99,9	139,7	302,9	109,7	62,8	99,1	103,6
fresh vegetables	118,6	144,2	166,4	192,7	153,8	120,1	63,4	121,6
fresh fruit, berries and grapes, nuts	131,4	158,6	120,8	134,6	115,1	86,0	71,9	133,1
non-alcoholic beverages (including mineral waters)	131,4	102,7	101,5	114,1	103,2	95,4	95,0	105,4
alcoholic beverages	118,1	99,9	105,8	102,2	101,9	94,1	89,2	97,1
Manufactured goods	128,0	112,9	113,6	109,6	105,3	85,9	78,7	106,5
clothes	140,7	129,8	130,4	117,7	119,2	112,0	89,5	103,4
footwear	138,8	117,5	113,3	120,4	113,5	96,5	81,7	87,2
sporting and tourist goods and kit	141,9	103,6	149,5	123,9	118,3	110,1	74,5	100,5
computers, networking, software	156,8	164,0	146,0	115,7	97,0	75,0	69,0	129,6
audio/video and telecommunication equipment	146,7	144,8	113,1	112,4	110,5	101,4	70,3	127,8
household home appliances and lighting accessories	145,6	133,9	117,8	115,5	104,3	102,7	73,4	101,1
furniture	116,1	112,1	116,2	102,1	116,6	84,5	75,6	110,4
watches and clocks and jewellery	113,2	106,8	100,9	98,4	69,4	77,8	36,9	95,0
cars and automobile goods	170,7	122,8	142,9	124,1	105,0	54,6	64,2	141,8

DOMESTIC TRADE

23.14. Commodity structure of retail turnover of enterprises

	2005	2010	2015	2016	2005	2010	2015	2016
	mln. UAH				percent			
All commodities	90004,9	271380,9	487558,1	555975,4	100,0	100,0	100,0	100,0
Food products	34939,2	101375,5	200236,4	227902,5	38,8	37,4	41,1	41,0
fresh and frozen meat and poultry	2317,3	6382,8	11745,1	12255,1	2,6	2,4	2,4	2,2
smoked and salted meat and sausage goods	2684,0	6560,2	10658,1	11169,6	3,0	2,4	2,2	2,0
canned meat, ready-to-eat meat products	174,0	901,8	1440,9	1693,7	0,2	0,3	0,3	0,3
fish and sea foods	1171,0	3242,0	5114,9	5492,5	1,3	1,2	1,0	1,0
canned fish and ready-to-eat fish products	384,3	1273,3	2319,5	2802,5	0,4	0,5	0,5	0,5
milk and dairy products	1809,0	5349,3	9898,9	12454,6	2,0	2,0	2,0	2,2
rennet cheese, processed and lactic cheese	847,7	3192,4	6630,4	7935,8	0,9	1,2	1,4	1,4
butter	409,5	1396,9	2493,7	3057,8	0,5	0,5	0,5	0,6
vegetable oil	416,1	1452,5	3222,9	3194,9	0,5	0,5	0,7	0,6
fats animal food, margarine	484,1	380,1	510,4	520,4	0,5	0,1	0,1	0,1
eggs	441,5	1308,7	3361,4	3606,1	0,5	0,5	0,7	0,7
sugar	432,2	1221,8	2480,6	2380,0	0,5	0,5	0,5	0,4
confectionery (including ice cream)	3035,5	9067,3	18537,7	22648,8	3,4	3,4	3,8	4,1
bread and bakery products (excluding confectionary)	1699,2	2960,2	6277,9	7482,8	1,9	1,1	1,3	1,3
flour	205,0	535,0	1280,9	1192,7	0,2	0,2	0,3	0,2
cereals	372,1	1326,6	3358,7	3645,3	0,4	0,5	0,7	0,7
macaroni	276,8	1034,7	2382,4	2678,8	0,3	0,4	0,5	0,5
potatoes	190,0	536,5	726,6	815,3	0,2	0,2	0,1	0,1
fresh vegetables	500,8	2196,0	4934,9	5365,5	0,6	0,8	1,0	1,0
fresh fruit, berries, grapes, nuts	684,6	3567,6	7198,0	9313,9	0,8	1,3	1,5	1,7
canned vegetables	433,3	1123,6	1715,8	1878,8	0,5	0,4	0,4	0,3
canned fruit and berries	308,8	346,3	489,8	527,9	0,3	0,1	0,1	0,1
alcoholic beverages	7676,6	19502,2	31885,0	37326,7	8,5	7,2	6,5	6,7
soft drink	976,3	3358,9	6317,7	7656,1	1,1	1,2	1,3	1,4
of which juice	—	1501,8	2238,9	2464,0	—	0,6	0,5	0,4
mineral waters	535,8	1804,7	3419,3	4026,4	0,6	0,7	0,7	0,7
tea	338,2	1285,0	2511,2	2627,7	0,4	0,5	0,5	0,5
coffee	628,5	2021,8	4282,5	4596,4	0,7	0,7	0,9	0,8
salt	37,4	74,6	197,4	239,4	0,0	0,0	0,0	0,0
tobacco products	3813,8	12298,6	31064,7	32942,4	4,2	4,5	6,4	5,9
other food products	1655,8	5674,1	13779,1	16374,6	1,8	2,1	2,8	3,0
Manufactured goods	55065,7	170005,5	287321,7	328072,9	61,2	62,6	58,9	59,0
textile goods and haberdashery	402,3	1113,4	1529,3	1747,4	0,4	0,4	0,3	0,3
clothes	1142,6	5488,2	12752,3	15201,7	1,3	2,0	2,6	2,7

DOMESTIC TRADE

Table 23.14 continued

	2005	2010	2015	2016	2005	2010	2015	2016
	mln. UAH				percent			
footwear	614,5	3478,7	5486,2	5590,5	0,7	1,3	1,1	1,0
perfumery and cosmetics	1598,4	6211,4	14273,1	17862,5	1,8	2,3	2,9	3,2
watches and clocks								
jewellery	368,9	873,5	365,0	384,5	0,4	0,3	0,1	0,1
books, newspapers, magazines	1180,0	2824,7	2416,2	2591,8	1,3	1,0	0,5	0,5
stationery	434,7	864,3	1309,3	1431,9	0,5	0,3	0,3	0,3
computer and computing machines, software	805,3	3020,8	3413,3	4294,0	0,9	1,1	0,7	0,8
audio/video and telecommunication equipment	2288,8	7663,9	8757,1	11715,9	2,5	2,8	1,8	2,1
of which								
audio/video equipment	2288,8	7663,9	3523,6	4054,4	2,5	2,8	0,7	0,7
telephone sets mobile	—	—	4472,7	6815,3	—	—	0,9	1,2
photo equipment, games and toys, other goods of cultural purpose	1386,8	1018,1	2209,5	2607,0	1,5	0,4	0,4	0,5
motorcycles, scooters and motor bikes	28,4	71,9	254,9	205,6	0,0	0,0	0,1	0,0
cars and automobile goods	8472,3	22486,9	30079,8	44502,7	9,4	8,3	6,2	8,0
including cars	7448,3	18297,2	23400,6	36212,4	8,3	6,7	4,8	6,5
tools and equipment for sport, camping	114,2	411,6	1240,2	1375,4	0,1	0,2	0,3	0,2
furniture	699,8	1580,4	2157,8	2542,0	0,8	0,6	0,4	0,5
carpets and surfacing for floor and walls	85,4	1519,8	3415,8	4078,3	0,1	0,6	0,7	0,7
ceramics, glass, wood, cork, wicker, cutlery, non-electric household products	1147,2	3144,3	3124,1	3986,6	1,3	1,2	0,6	0,7
electrical household devices and lighting	3026,3	8166,3	12710,2	14013,5	3,4	3,0	2,6	2,5
construction materials and products of iron	3229,1	10424,3	17963,5	18760,6	3,6	3,8	3,7	3,4
detergents for washing, cleaning and caring, fertilizers and agrochemical products	1305,9	4156,5	8742,5	10217,3	1,5	1,5	1,8	1,8
material and equipment for homework (including garden stock)	178,7	1359,0	2405,7	2863,2	0,2	0,5	0,5	0,5
pharmaceuticals	6200,8	18731,4	40600,3	48733,6	6,9	6,9	8,3	8,8
goods medical and orthopedic	666,5	2323,2	5670,6	7247,4	0,7	0,9	1,2	1,3
optics for glasses	46,4	187,2	415,8	624,3	0,1	0,1	0,1	0,1
petrol engine	12196,9	35971,5	48243,0	46085,8	13,6	13,2	9,9	8,3
diesel fuel (gas oil)	4599,8	14090,9	31315,1	26716,5	5,1	5,2	6,4	4,8
lubricants	128,0	296,5	423,2	441,6	0,1	0,1	0,1	0,1
gas compressed and liquefied for automobiles	434,8	3068,8	10508,7	12161,4	0,5	1,1	2,2	2,2
other	2282,9	9458,0	15539,2	20089,9	2,5	3,5	3,1	3,6

DOMESTIC TRADE

23.15. Share of consumer goods sales (produced in Ukraine) through trade networks of enterprises

	<i>(percent)</i>							
	2005	2010	2011	2012	2013	2014	2015	2016
All commodities	70,5	64,3	61,9	58,9	57,2	57,8	58,1	55,8
Food products	90,9	88,2	87,2	86,3	85,5	85,6	85,2	84,8
fresh and frozen meat and poultry	96,9	97,1	96,6	95,1	93,6	95,3	92,6	94,2
smoked and salted meat and sausage goods	96,9	97,0	96,2	96,0	92,9	94,5	94,5	94,9
canned meat, ready-to-eat meat products	78,6	92,4	95,8	95,2	92,9	95,1	94,5	93,3
fish and sea foods	80,6	70,4	68,8	66,0	61,4	60,4	59,8	56,0
canned fish and ready-to-eat fish products	79,1	73,8	72,4	73,3	70,7	70,1	67,3	68,0
milk and dairy products	94,5	94,5	94,2	92,6	90,2	93,6	93,5	94,6
rennet cheese, processed and lactic cheese	90,9	88,2	88,0	85,1	83,7	86,2	88,6	88,4
butter	97,5	97,7	98,3	97,2	97,3	97,4	96,9	97,4
vegetable oil	94,3	93,3	94,0	93,1	93,4	93,4	93,7	92,4
fats animal food, margarine	95,7	95,5	96,8	96,5	93,4	97,6	97,6	97,2
eggs	98,9	99,4	98,4	98,5	98,5	98,6	98,9	98,7
sugar	99,0	98,8	98,4	98,2	98,0	97,8	97,4	98,0
confectionery (including ice cream)	90,6	90,8	90,3	88,2	88,1	88,6	89,5	89,0
bread and bakery products (except confectionary)	98,4	99,1	98,5	97,6	97,6	96,9	97,8	97,7
flour	98,3	97,6	97,2	96,5	96,1	95,4	96,1	95,9
cereals	93,0	93,5	91,1	90,6	89,9	91,1	92,2	92,6
macaroni	88,8	79,8	79,3	75,5	75,6	76,4	78,3	77,3
potatoes	90,9	94,6	90,2	87,7	90,4	90,3	90,2	89,3
fresh vegetables	90,5	90,6	86,6	77,7	83,0	84,5	83,9	83,3
fresh fruit, berries and grapes, nuts	66,6	60,8	57,5	48,8	52,5	47,1	45,0	41,0
canned vegetables	80,8	81,4	80,1	77,0	77,5	75,7	75,6	75,5
canned fruit and berries	82,9	64,7	60,1	56,3	55,6	57,7	61,4	61,0
alcoholic beverages	92,1	87,4	86,1	84,3	81,8	81,7	80,5	80,5
soft drink	86,5	90,7	94,3	93,7	94,4	94,0	93,0	93,9
of which juice	—	87,6	92,4	93,9	94,5	93,7	92,6	94,5
mineral waters	93,1	91,8	92,9	92,4	92,0	89,6	90,2	90,5
tea	64,3	67,2	69,1	69,1	68,9	68,2	70,0	71,8
coffee	58,1	49,3	45,7	45,6	44,4	44,7	45,1	45,0
salt	95,2	97,8	98,2	97,6	96,4	92,9	94,2	95,3
tobacco products	93,5	93,1	93,9	94,9	94,1	94,7	93,9	94,6
other food products	81,2	81,9	75,7	78,4	78,2	76,7	77,1	75,6

DOMESTIC TRADE

Table 23.15 continued

	2005	2010	2011	2012	2013	2014	2015	2016
Manufactured goods	57,6	50,0	47,2	41,9	39,0	39,5	39,3	35,6
textile goods and haberdashery	45,1	41,1	42,7	34,2	26,7	30,0	33,8	32,0
clothes	26,4	13,7	12,7	10,9	9,3	8,6	8,6	8,0
footwear	9,3	4,2	3,6	2,8	2,3	3,0	3,1	2,9
perfumery and cosmetics	30,5	25,8	26,0	22,7	20,9	20,5	19,8	18,3
watches and clocks, jewellery	79,6	70,5	75,2	74,1	60,6	49,7	43,1	25,2
books, newspapers, magazines	87,1	87,0	87,5	89,0	89,8	89,1	88,9	89,5
stationery	60,6	63,2	63,4	63,5	61,6	54,0	53,7	55,2
computer and computing machines, software	22,5	6,1	3,0	1,2	0,9	0,6	0,8	0,7
audio/video and telecommunication equipment	3,6	4,8	2,5	4,7	3,6	0,3	0,3	0,2
photo equipment, games and toys, other goods of cultural purpose	8,4	29,2	26,9	19,8	18,6	15,7	16,5	15,1
motorcycles, parts and accessories for them	40,0	0,6	0,8	0,2	0,6	5,6	4,9	4,2
cars and automobile goods	23,1	18,6	14,6	12,6	10,7	10,5	7,9	6,0
including cars	20,2	17,9	13,1	11,8	9,7	8,6	4,3	3,0
tools and equipment for sport, camping	43,3	24,9	23,7	21,6	20,6	21,8	21,2	22,8
furniture	73,8	56,7	55,0	54,2	49,9	44,4	42,1	44,8
carpets and surfacing for floor and walls	9,9	47,5	48,1	46,1	45,6	45,6	46,2	45,9
ceramics, glass, wood, cork, wicker, cutlery, non-electric household products	53,7	30,7	29,0	27,0	27,7	32,2	31,2	30,3
electrical household devices and lighting	8,1	11,4	11,0	10,7	11,5	11,9	11,2	12,5
construction materials and products of iron	65,1	64,4	66,9	62,1	59,0	55,6	55,2	56,6
detergents for washing, cleaning and caring, fertilizers and agrochemical products	54,6	43,4	41,1	38,5	37,3	36,3	35,7	34,2
material and equipment for homework (including garden stock)	58,8	42,5	40,2	39,6	39,6	41,9	44,9	44,0
pharmaceuticals	56,5	52,1	50,8	50,8	50,8	50,9	50,4	50,3
goods medical and orthopedic	64,3	53,1	50,5	52,9	51,2	44,4	44,0	43,6
optics for glasses	35,1	32,7	32,4	29,1	24,3	26,0	25,6	24,3
petrol engine	96,5	83,4	79,0	68,7	63,6	59,1	61,7	59,1
diesel fuel (gas oil)	99,7	83,3	74,6	66,0	63,1	56,5	53,6	52,3
lubricants	72,6	68,9	61,8	60,5	53,6	51,5	47,9	51,4
gas compressed and liquefied for automobiles	—	—	89,0	79,7	68,8	65,3	68,1	64,9
other	72,7 ¹	61,7 ¹	52,7	47,6	42,9	44,9	39,4	31,9

¹ Including gas compressed and liquefied for automobiles

DOMESTIC TRADE

23.16. Retail sales of selected foods products groups

(thsd.t)

	2000 ¹	2005	2010	2011	2012	2013	2014	2015	2016
Meat and meat products	236	325	452	480	527	621	489	454	418
Butter	24	32	31	32	36	38	35	31	31
Oil vegetable	34	66	122	138	147	144	139	111	94
Rennet cheese, processed and lactic cheese	16	42	67	75	93	97	86	81	80
Eggs, mln.pcs	953	1341	2233	2601	2698	2817	2566	2113	2312
Sugar	118	129	143	156	166	208	212	191	158
Confectionery (including ice cream)	191	253	296	320	345	355	341	288	302
Tea	3	7	11	11	12	12	11	9	9
Flour, bread and bakery and macaroni products (in flour equivalent)	1493	953	807	834	837	841	811	716	728
Potatoes	73	78	93	106	178	179	142	130	132
Fresh vegetables	139	151	253	327	444	461	387	323	353
Fresh fruit, berries and grapes, nuts	70	148	332	363	443	439	355	292	371

¹ Including food products sold through restaurants

23.17. Retail sales of alcoholic beverages and tobacco products

	2000 ¹	2005	2010	2011	2012	2013	2014	2015	2016
Alcoholic beverages in physical terms, mln.dal									
vodka and distilled alcoholic beverages	11	17	18	18	18	17	14	10	10
low alcohol beverages	2	4	5	5	6	6	6	5	3
wines	5	9	11	10	10	10	8	7	7
cognac	0,9	2	2	3	3	3	3	2	2
sparkling wines (champagne)	2	3	4	4	4	4	3	3	3
beer	28	47	64	68	75	76	72	63	69
absolute alcohol per capita, L	1,4	2,3	2,7	2,8	2,8	2,7	2,5	2,0	1,9
Tobacco products, bln.pcs	14,3	45,8	37,1	44,4	61,7	58,1	53,3

¹ See the footnote to Table 23.16

DOMESTIC TRADE

23.18. Per capita retail sales of alcoholic beverages, by region

(on absolute alcohol base; L)

	2000 ¹	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	1,4	2,3	2,7	2,8	2,8	2,7	2,5	2,0	1,9
Autonomous Republic of Crimea	1,2	2,3	2,5	2,8	3,1	3,4
oblasts									
Vinnitsya	1,1	2,1	1,6	1,7	1,6	1,5	1,4	1,4	0,9
Volyn	1,5	2,9	2,9	2,3	2,2	2,3	1,9	1,5	1,4
Dnipropetrovsk	1,3	2,3	3,1	3,2	3,6	3,5	3,5	2,6	2,6
Donetsk	1,1	1,4	2,0	2,3	2,6	2,6	2,1	0,9	0,7
Zhytomyr	1,5	2,5	2,6	2,5	2,3	2,3	2,2	1,6	1,6
Zakarpattya	1,9	2,8	2,0	2,1	1,7	1,4	1,2	1,0	1,4
Zaporizhzhya	1,6	1,9	2,5	2,9	3,0	2,8	2,8	2,5	2,1
Ivano-Frankivsk	1,0	1,8	2,0	2,1	2,0	2,0	1,6	1,3	1,3
Kyiv	0,8	1,3	2,9	3,3	3,7	3,2	3,5	3,0	2,9
Kirovohrad	0,9	1,7	2,5	2,5	2,8	2,5	2,5	2,1	1,8
Luhansk	0,7	1,1	1,5	1,6	1,8	1,8	0,9	0,2	0,2
Lviv	1,6	3,1	4,1	3,6	2,9	2,9	2,8	2,9	2,7
Mykolayiv	1,0	1,2	1,5	1,7	1,6	1,8	1,8	1,8	1,6
Odesa	0,9	1,9	2,9	3,2	3,4	3,3	2,7	2,2	2,4
Poltava	1,7	2,2	1,9	2,1	2,0	2,0	1,7	1,5	1,8
Rivne	1,4	2,5	2,0	2,1	1,6	1,5	1,3	1,2	1,2
Sumy	1,3	2,8	2,8	2,5	2,4	2,2	2,1	1,9	1,9
Ternopil	1,2	1,9	2,0	1,9	1,8	1,5	1,5	1,2	1,3
Kharkiv	2,2	3,3	3,6	3,6	3,4	3,3	3,0	2,5	2,4
Kherson	0,7	1,2	1,4	1,5	1,4	1,3	1,3	1,3	1,4
Khmelnyskiy	0,7	1,3	1,9	1,8	1,7	1,6	1,5	1,3	1,6
Cherkasy	1,0	1,4	1,5	1,5	1,4	1,5	1,4	1,2	1,2
Chernivtsi	1,7	2,1	2,3	2,3	2,2	1,9	2,4	1,9	1,9
Chernihiv	1,7	2,3	3,0	3,1	2,9	2,8	2,5	2,3	1,6
cities									
Kyiv	2,7	6,3	5,7	6,2	6,1	6,6	5,9	4,7	4,8
Sevastopol	2,2	4,7	4,2	4,8	5,3	5,1

¹ See the footnote to Table 23.16

DOMESTIC TRADE

23.19. Local units of retail trade of enterprises

(end of year; thsd.)

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total	103,2	75,2	64,8	64,2	62,2	59,8	49,6	49,6	49,3
Shops	77,9	55,8	48,0	48,4	47,2	45,5	38,6	38,5	38,4
in urban areas	48,1	36,8	34,6	35,7	35,8	35,3	29,8	30,2	30,6
in rural areas	29,8	19,0	13,4	12,7	11,4	10,2	8,8	8,3	7,8
Semi-movable trade outlets (kiosks, filling stations)	25,3	19,4	16,8	15,8	15,0	14,3	11,0	11,1	10,9
in urban areas	21,7	16,5	13,8	13,0	12,5	11,9	8,9	9,1	8,8
in rural areas	3,6	2,9	3,0	2,8	2,5	2,4	2,1	2,0	2,1
Per 10 thsd. population									
retail trade entities, units	21	16	14	14	14	13	12	12	12
shops' floor space, sq.m	1437	1355	1842	1975	2040	2073	1806	1805	1808

23.20. Local units of retail trade of enterprises, by region

(end of year; thsd.)

	2000	2005	2010	2012	2013	2014	2015	2016
Ukraine	103,2	75,2	64,8	62,2	59,8	49,6	49,6	49,3
Autonomous Republic of Crimea	4,6	3,6	3,1	2,8	2,7
oblasts								
Vinnitsya	4,2	3,3	2,6	2,4	2,2	2,0	1,9	1,9
Volyn	2,4	1,9	1,5	1,6	1,5	1,4	1,4	1,3
Dnipropetrovsk	6,4	5,1	4,5	4,1	3,9	3,6	3,7	3,7
Donetsk	8,9	5,9	5,3	5,2	5,0	2,0	1,7	1,6
Zhytomyr	3,4	2,4	2,0	1,9	1,8	1,7	1,6	1,6
Zakarpattia	2,9	2,1	1,7	1,4	1,3	1,2	1,3	1,3
Zaporizhzhya	3,8	2,8	2,4	2,3	2,3	2,2	2,2	2,2
Ivano-Frankivsk	3,0	1,9	1,7	1,6	1,5	1,5	1,4	1,4
Kyiv	3,9	2,9	2,9	2,9	2,9	2,7	2,9	2,9
Kirovohrad	2,8	2,1	1,9	1,6	1,5	1,4	1,5	1,5
Luhansk	4,2	3,0	2,8	2,6	2,5	0,6	0,5	0,5
Lviv	7,3	5,2	4,1	3,9	3,7	3,8	3,8	3,9
Mykolayiv	2,9	2,0	1,5	1,5	1,4	1,4	1,4	1,4
Odesa	5,4	4,0	3,3	3,2	3,0	3,0	3,0	3,0
Poltava	4,2	3,0	2,4	2,1	2,0	1,9	1,9	1,9
Rivne	2,2	1,7	1,6	1,6	1,5	1,5	1,5	1,5
Sumy	3,2	1,8	1,5	1,4	1,3	1,2	1,2	1,2
Ternopil	2,3	1,5	1,2	1,1	1,1	1,1	1,1	1,1
Kharkiv	5,9	4,0	3,6	3,8	3,5	3,6	3,7	3,7
Kherson	2,6	1,9	1,5	1,3	1,3	1,3	1,4	1,4
Khmelnyskiy	3,7	2,5	1,9	1,9	1,8	1,8	1,8	1,8
Cherkasy	3,1	2,1	1,8	1,8	1,7	1,6	1,5	1,5
Chernivtsi	1,7	1,2	0,9	1,0	0,9	0,9	0,9	0,9
Chernihiv	3,8	2,5	2,0	1,8	1,6	1,4	1,5	1,4
cities								
Kyiv	3,6	3,9	4,2	4,7	5,1	4,8	4,8	4,7
Sevastopol	0,8	0,9	0,9	0,7	0,8

DOMESTIC TRADE

23.21. Number of enterprises shops and their sales floor space, by region

	Number of shops, thsd.						Sales floor space of shops, thsd.sq.m					
	2000	2005	2010	2014	2015	2016	2000	2005	2010	2014	2015	2016
Ukraine	77,9	55,8	48,0	38,6	38,5	38,4	7029	6359	8431	7753	7720	7698
Autonomous Republic of Crimea	3,0	2,5	2,2	268	230	277
oblasts												
Vinnitsya	3,2	2,5	2,0	1,5	1,6	1,5	246	217	235	202	209	210
Volyn	1,7	1,4	1,2	1,1	1,1	1,0	147	136	168	160	163	160
Dnipropetrovsk	4,8	3,9	3,4	3,0	3,0	3,1	543	543	730	723	726	701
Donetsk	6,5	4,3	3,8	1,7	1,3	1,3	756	556	801	438	252	232
Zhytomyr	2,9	2,0	1,6	1,4	1,3	1,3	238	185	182	161	161	164
Zakarpattia	2,4	1,6	1,3	1,0	1,0	0,9	182	131	185	178	182	184
Zaporizhzhya	2,7	2,0	1,8	1,7	1,7	1,7	269	238	374	314	341	323
Ivano-Frankivsk	2,4	1,5	1,3	1,2	1,1	1,1	158	124	169	169	167	168
Kyiv	2,9	2,1	2,1	2,1	2,2	2,2	250	207	313	422	451	476
Kirovohrad	2,0	1,5	1,3	1,1	1,2	1,2	156	131	139	138	137	141
Luhansk	3,1	2,2	1,9	0,5	0,4	0,4	315	238	304	73	53	53
Lviv	5,6	4,0	3,2	3,0	3,1	3,2	406	356	427	438	458	467
Mykolayiv	2,1	1,5	1,0	1,0	1,0	1,0	171	151	209	209	217	207
Odesa	4,1	2,7	2,3	2,3	2,3	2,3	322	474	513	585	625	637
Poltava	3,4	2,2	1,8	1,5	1,5	1,5	241	177	263	241	235	236
Rivne	1,8	1,4	1,3	1,2	1,2	1,2	146	122	179	201	179	179
Sumy	2,6	1,5	1,2	1,0	1,0	1,0	218	139	145	171	167	161
Ternopil	1,9	1,1	0,9	0,8	0,9	0,8	137	91	122	109	112	117
Kharkiv	4,2	2,6	2,2	2,3	2,4	2,5	412	383	545	571	578	583
Kherson	1,7	1,3	1,1	1,0	1,0	1,0	158	148	186	209	211	209
Khmelnyskiy	3,0	2,0	1,5	1,4	1,4	1,5	233	187	206	212	212	217
Cherkasy	2,4	1,5	1,3	1,2	1,1	1,1	225	151	185	178	164	158
Chernivtsi	1,4	1,0	0,8	0,7	0,7	0,7	103	78	111	108	111	119
Chernihiv	3,2	2,1	1,6	1,2	1,2	1,1	234	168	159	161	172	166
cities												
Kyiv	2,4	2,8	3,3	3,7	3,8	3,8	427	714	1166	1382	1437	1430
Sevastopol	0,5	0,6	0,6	68	84	138

24. INFORMATION SOCIETY

Web site is a set of webpages united by contents accessible on the Internet. Information is coded using special languages (language to describe hypertext documents (HTML, XML, Java)) that are read with the help of Web information systems for navigation and browsing such as Microsoft Internet Explorer, Opera, Mozilla Firefox, etc.

Wireless access is the usage of wireless technologies such as radio frequencies, infrared rays, microwaves or other type of electromagnetic or acoustic waves for full-time connection between users' devices (computers, printers, etc) within enterprise's working rooms. It mostly includes technologies of Wi-Fi and Bluetooth.

Electronic mail is electronic transmission of messages including texts and annexes from one computer towards the other, which are placed in organization or outside it. It includes e-mail through the Internet or other computer networks.

Social media are a kind of mass communication conducted with the help of the Internet. Social media can establish and support social relations within an enterprise as well as with clients, suppliers or other partners outside enterprise; exchange opinions, experiences, knowledge, news, etc and make contacts, interact with partners in order to organize and conduct joint actions.

Social media of enterprises include such communications as:

social networks or web sites are applications based on the Internet technologies

which permit users to be connected, establishing personal information profiles, share interests and/or activities, ideas, invite others to have access to their profile and create a society of humans with common interests;

blog is a web site or a part of web site being often updated. Blogs could be used either within enterprise (corporate blog) or for the connection with clients, business partners or other organisations;

microblog is a link to registration of very short modifications about oneself and is different from keeping the long-term blog where there could be a few hundred words;

multimedia web site content is the possibility of joint media content usage among users. These web sites propose the possibility to transmit, update and refer to the documents;

wiki is the web site which allows any number of the connected web-pages to be created and edited via browser by using a simple language or the WYSIWYG text editor. Wikis are usually set into action by the wiki software and often used by regular users. Examples could be social web sites, corporate internal networks and administrative knowledge systems.

Broadband mobile connection is a high speed wireless access to the Internet using portable (laptop) computers (note book, netbook, tablets, etc) and other portable devices (such as smartphone) connected to the Internet via 3G, 4G connection, etc.

INFORMATION SOCIETY

24.1. Usage of computers and computer networks at enterprises, by type of economic activity
(percent)

	Share of enterprises that during the year					
	used computers in the total number of enterprises that participated in the survey		had access to the Internet in the total number of enterprises that used computers		had web site in the total number of enterprises that had access to the Internet	
	2015	2016	2015	2016	2015	2016
Total	95,2	95,1	97,9	98,2	44,4	40,2
Manufacturing	94,8	95,1	98,2	98,3	53,4	48,6
Electricity, gas, steam and air-conditioning supply	97,3	97,6	99,3	99,2	37,2	39,6
Water supply, sewerage, waste management and remediation	98,1	98,0	97,5	98,0	22,1	22,2
Construction	95,5	95,4	97,7	98,1	35,2	29,9
Wholesale and retail trade; repair of motor vehicles and motorcycles	96,5	96,2	98,4	98,5	45,7	41,2
Transport and storage, postal and courier activities	94,7	94,2	97,4	98,1	31,4	26,1
Accommodation and food service activities	91,7	91,5	96,6	97,2	48,9	42,7
Information and communication	98,2	98,3	99,1	99,2	65,7	62,9
Real estate activities	94,0	94,0	97,3	97,5	29,8	26,3
Professional, scientific and technical activities	97,5	97,6	98,2	98,3	55,4	52,9
Administrative and support service activities	89,2	88,9	96,3	97,1	30,7	28,0
Other services	98,3	98,4	100,0	100,0	71,9	61,3

24.2. Usage of computers and computer networks at enterprises by their size
(percent)

	Share of enterprises that during the year					
	used computers in the total number of enterprises that participated in the survey		had access to the Internet in the total number of enterprises that used computers		had web site in the total number of enterprises that had access to the Internet	
	2015	2016	2015	2016	2015	2016
Enterprises, total	95,2	95,1	97,9	98,2	44,4	40,2
of which with the average number of workers, persons						
until 50	94,0	93,8	97,5	97,8	39,9	35,0
50–249	98,8	98,7	99,1	99,3	54,1	50,1
250 and more	99,9	99,6	99,7	99,6	73,4	70,8

24.3. Usage of social media at enterprises, by type of economic activity*(percent of the total number of enterprises which used the Internet network during a year)*

	Share of enterprises that used social media							
	social media (VKontakte, Facebook, LinkedIn, Xing, Viadeo, Yammer, etc)		blogs or microblogs of enterprise (Twitter, Present.ly, etc)		broadband mobile connection (YouTube, Flickr, Picassa, SlideShare etc)		knowledge exchange tools (Wikipedia, PBWiki, Google Docs)	
	2015	2016	2015	2016	2015	2016	2015	2016
Total	17,5	24,7	5,2	6,9	11,1	12,6	19,1	12,7
Manufacturing	14,7	21,8	4,4	5,8	10,6	12,0	17,8	10,8
Electricity, gas, steam and air-conditioning supply	14,3	23,3	3,3	4,7	12,9	12,7	18,8	11,6
Water supply, sewerage, waste management and remediation	12,0	22,1	2,3	4,9	8,5	8,5	19,8	13,2
Construction	12,6	21,0	3,7	5,7	9,4	9,4	19,4	12,9
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,7	26,1	5,1	7,4	10,4	13,5	17,5	12,7
Transport and storage, postal and courier activities	12,5	19,8	3,6	5,2	7,9	8,4	17,8	11,2
Accommodation and food service activities	34,5	39,6	9,2	9,3	14,2	15,4	20,6	10,9
Information and communication	37,8	45,4	14,8	16,5	26,2	28,0	32,6	19,7
Real estate activities	11,7	18,0	3,0	4,5	7,6	8,1	16,0	10,6
Professional, scientific and technical activities	22,5	30,1	7,7	9,7	15,9	18,2	26,0	18,4
Administrative and support service activities	16,0	22,7	4,2	5,4	8,6	9,2	16,7	12,2
Other services	19,3	29,0	1,8	1,6	8,8	6,5	15,8	11,3

24.4. Usage of social media at enterprises by their size*(percent of the total number of enterprises which used the Internet network during a year)*

	Share of enterprises that used social media							
	social media (VKontakte, Facebook, LinkedIn, Xing, Viadeo, Yammer, etc)		blogs or microblogs of enterprise (Twitter, Present.ly, etc)		broadband mobile connection (YouTube, Flickr, Picassa, SlideShare etc)		knowledge exchange tools (Wikipedia, PBWiki, Google Docs)	
	2015	2016	2015	2016	2015	2016	2015	2016
Enterprises, total	17,5	24,7	5,2	6,9	11,1	12,6	19,1	12,7
of which with the average number of workers, persons								
until 50	16,0	22,8	4,7	5,9	9,7	10,5	18,4	11,7
50–249	20,4	28,4	6,3	8,6	13,5	16,3	20,5	15,0
250 and more	28,4	36,5	9,4	13,2	21,8	26,0	24,3	16,3

25. ACTIVITY OF ENTERPRISES

The section contains information on the basic statistical indicators, which characterise conditions and tendencies for development of business entities, which covered enterprises-legal persons and natural persons-entrepreneurs.

The enterprise-legal person (further – **the enterprise**) – the independent business entity created by competent body of the government authority or local administration or other economic player to satisfy public and personal requirements by regular performance of production, research, trade or other economic activities according to the order stipulated by the *Business Code of Ukraine* and other laws. The enterprise does not incorporate other legal persons, but has the right to create subsidiaries, representations, branches and other separated subdivisions, which have no status of the legal person.

The natural person-entrepreneur – a natural person registered under a stated order with the purpose to realize an entrepreneurial activity.

Statistical data for 2010/2016 regarding the basic indicators of enterprises' activities by their size are compiled using the criteria for large, middle-sized, small and micro enterprises specified in the *Business Code of Ukraine* as worded as of March 22, 2012, namely:

micro enterprises are entities of any organisational and legal form and form of ownership where during the reference period (calendar year) the average number of employees does not exceed 10 persons and the annual revenue from any activity does not exceed a sum equal to 2 million euros fixed by the average annual rate of the National Bank of Ukraine;

small enterprises are entities of any organisational and legal form and form of ownership where during the reference period

(calendar year) the average number of employees does not exceed 50 persons and the annual revenue from any activity does not exceed a sum equal to 10 million euros fixed by the average annual rate of the National Bank of Ukraine;

large enterprises are entities of any organisational and legal form and form of ownership where during the reference period (calendar year) the average number of employees does not exceed 250 persons and the annual revenue from any activity exceed a sum equal to 50 million euros fixed by the average annual rate of the National Bank of Ukraine;

middle-sized enterprises are other entities.

Number of persons employed workers includes regular employees, those not on the permanent staff and unpaid (owners, founders of an enterprises and members of their families) employees of an enterprise.

Number of employees incorporates regular employees and those not on the permanent staff (working under contracts and in more than one job) at an enterprise.

Volume of sold products (goods, services) is calculated using the prices of final products (goods and services) shipped outside the business that is mentioned in the processed documents which are used as a framework for settlement with a customer (client) (including products (goods, services) by barter contracts) less indirect tax on value added.

Assets are resources controled by an enterprise as a result of the past events and whose uses, as expected, will lead to the acquisition of economic benefits in the future.

Liabilities are arrears of an enterprise that resulted from the past events and whose debt service in the future will lead to decrease in enterprise's resources that embody the economic benefits.

Own capital is a part in the enterprise's assets which is left after the deductions for its liabilities.

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

Rate profitability of operating activity is a ratio of financial outcome stemming from operating activity to expenditure on operating activity of the enterprises.

Financial outcome from operating activity (profits, losses) is algebraic sum of gross profit (loss), other operating income, administrative expenditures, expenditure on sales and other operating expenditures.

Operating activity is the main activity of an enterprise as well as other types of activities which are neither investment or financial.

The information for 2016 is detailed by type of economic activities; it is resulted without taking into account changes of the major type of economic activity of enterprises.

ACTIVITY OF ENTERPRISES

25.1. Basic indicators of business entities activity¹

	2010	2011	2012	2013	2014	2015	2016
Number of business entities							
Total, thsd.	2184,1	1701,8	1600,3	1722,3	1932,3	1974,4	1865,7
enterprises							
percent of total entities	17,4	22,1	22,8	22,8	17,7	17,4	16,4
per 10 thsd. present population, units	83	82	80	87	79	80	72
natural persons-entrepreneurs							
percent of total entities	82,6	77,9	77,2	77,2	82,3	82,6	83,6
per 10 thsd. present population, units	394	290	271	292	370	381	365
Number of persons employed							
Total, thsd.	11000,5	10393,5	10198,8	9965,1	9008,3	8331,9	8204,7
enterprises							
thsd.	8186,0	8022,1	7920,9	7642,5	6510,1	6041,6	5897,5
percent of total persons employed	74,4	77,2	77,7	76,7	72,3	72,5	71,9
natural persons-entrepreneurs							
thsd.	2814,5	2371,4	2277,9	2322,6	2498,2	2290,3	2307,2
percent of total persons employed	25,6	22,8	22,3	23,3	27,7	27,5	28,1
Number of employees							
Total, thsd.	9073,6	8986,9	8861,5	8515,4	7311,6	6589,5	6557,3
enterprises							
thsd.	8064,2	7941,4	7818,8	7521,6	6404,6	5930,0	5809,3
percent of total employees	88,9	88,4	88,2	88,3	87,6	90,0	88,6
natural persons-entrepreneurs							
thsd.	1009,4	1045,5	1042,7	993,8	907,0	659,5	748,0
percent of total employees	11,1	11,6	11,8	11,7	12,4	10,0	11,4
Volume of the sold products (goods, services)							
Total, mln. UAH	3692554,4	4302627,2	4563794,8	4437326,1	4608978,1	5716431,0	6854271,5
enterprises							
mln. UAH	3462136,2	4091411,4	4307145,6	4153088,0	4319935,8	5318957,7	6365066,9
percent of total volume of the sold products (goods, services)	93,8	95,1	94,4	93,6	93,7	93,0	92,9
natural persons-entrepreneurs							
mln. UAH	230418,2	211215,8	256649,2	284238,1	289042,3	397473,3	489204,6
percent of total volume of the sold products (goods, services)	6,2	4,9	5,6	6,4	6,3	7,0	7,1

¹ Excluding budgetary institutions

ACTIVITY OF ENTERPRISES

**25.2. Basic indicators of business entities' activity, by type of economic activity
with distribution by enterprises and natural persons-entrepreneurs**

	Year	Number of business entities			Number of persons employed		
		total, thsd.	of which, percent		total, thsd.	of which, percent	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Total¹	2010	2184,1	17,4	82,6	11000,5	74,4	25,6
	2011	1701,8	22,1	77,9	10393,5	77,2	22,8
	2012	1600,3	22,8	77,2	10198,8	77,7	22,3
	2013	1722,3	22,8	77,2	9965,1	76,7	23,3
	2014	1932,3	17,7	82,3	9008,3	72,3	27,7
	2015	1974,4	17,4	82,6	8331,9	72,5	27,5
	2016	1865,7	16,4	83,6	8204,7	71,9	28,1
Agriculture, forestry and fishing	2010	80,3	63,1	36,9	811,7	94,7	5,3
	2011	61,5	67,8	32,2	750,9	95,2	4,8
	2012	68,5	69,6	30,4	751,5	94,7	5,3
	2013	71,0	70,2	29,8	726,2	94,6	5,4
	2014	75,7	60,8	39,2	733,4	85,8	14,2
	2015	79,3	59,0	41,0	642,6	93,0	7,0
	2016	74,6	60,3	39,7	653,4	93,2	6,8
Industry	2010	152,0	31,5	68,5	3291,9	93,9	6,1
	2011	122,2	38,8	61,2	3220,8	94,6	5,4
	2012	114,0	38,0	62,0	3209,6	94,3	5,7
	2013	121,2	40,5	59,5	3103,7	94,2	5,8
	2014	131,5	32,1	67,9	2606,3	93,2	6,8
	2015	135,1	31,5	68,5	2417,8	93,1	6,9
	2016	127,6	30,6	69,4	2325,1	92,5	7,5
Construction	2010	75,2	50,8	49,2	524,0	90,1	9,9
	2011	59,2	63,4	36,6	467,4	92,6	7,4
	2012	50,8	67,0	33,0	439,8	93,5	6,5
	2013	53,0	68,3	31,7	399,6	93,0	7,0
	2014	52,2	57,1	42,9	318,5	89,8	10,2
	2015	55,1	52,9	47,1	282,5	87,8	12,2
	2016	50,4	48,6	51,4	279,9	86,8	13,2

ACTIVITY OF ENTERPRISES

Table 25.2 continued

	Year	Number of business entities			Number of persons employed		
		total, thsd.	of which, percent		total, thsd.	of which, percent	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	1197,3	9,2	90,8	2961,0	41,9	58,1
	2011	921,5	12,1	87,9	2700,8	46,2	53,8
	2012	843,1	12,3	87,7	2550,4	46,8	53,2
	2013	890,7	12,4	87,6	2518,6	45,9	54,1
	2014	988,7	9,5	90,5	2409,3	42,1	57,9
	2015	989,1	9,5	90,5	2202,1	42,0	58,0
	2016	910,5	9,0	91,0	2195,7	42,9	57,1
Transportation and storage, postal and courier activities	2010	145,9	9,3	90,7	1133,0	82,0	18,0
	2011	99,9	14,8	85,2	1087,1	84,9	15,1
	2012	87,3	17,7	82,3	1087,4	86,2	13,8
	2013	92,4	18,2	81,8	1063,0	85,7	14,3
	2014	111,8	13,3	86,7	929,0	82,1	17,9
	2015	119,0	12,7	87,3	931,3	83,4	16,6
	2016	109,3	12,5	87,5	908,3	83,8	16,2
Accommodation and food service activities	2010	50,0	19,5	80,5	249,3	54,0	46,0
	2011	42,9	23,1	76,9	242,2	53,1	46,9
	2012	44,1	21,5	78,5	264,3	51,8	48,2
	2013	52,1	19,4	80,6	267,5	49,6	50,4
	2014	57,5	13,7	86,3	213,2	47,6	52,4
	2015	58,4	13,2	86,8	195,2	45,0	55,0
	2016	57,8	11,4	88,6	203,0	42,1	57,9
Information and communication	2010	56,0	23,6	76,4	284,4	82,1	17,9
	2011	54,2	26,5	73,5	280,2	82,6	17,4
	2012	66,6	20,2	79,8	280,4	78,3	21,7
	2013	86,4	17,2	82,8	298,0	73,2	26,8
	2014	114,4	11,6	88,4	306,3	62,9	37,1
	2015	116,1	11,7	88,3	275,1	60,5	39,5
	2016	129,7	9,2	90,8	282,0	55,4	44,6

ACTIVITY OF ENTERPRISES

Table 25.2 continued

	Year	Number of business entities			Number of persons employed		
		total, thsd.	of which, percent		total, thsd.	of which, percent	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Financial and insurance activities	2010	14,6	40,4	59,6	318,8	96,9	3,1
	2011	11,4	50,8	49,2	314,7	97,9	2,1
	2012	10,5	48,9	51,1	316,3	98,1	1,9
	2013	11,3	46,0	54,0	305,4	97,8	2,2
	2014	12,1	38,0	62,0	281,5	97,1	2,9
	2015	12,4	36,0	64,0	214,8	96,1	3,9
	2016	11,9	32,8	67,2	208,5	95,9	4,1
Real estate activities	2010	50,4	54,8	45,2	274,1	88,6	11,4
	2011	48,1	59,8	40,2	256,6	88,8	11,2
	2012	81,7	39,3	60,7	286,2	76,1	23,9
	2013	92,0	38,1	61,9	275,4	73,2	26,8
	2014	97,8	31,9	68,1	254,2	67,8	32,2
	2015	94,1	34,8	65,2	239,0	70,2	29,8
	2016	90,1	33,4	66,6	234,6	69,6	30,4
Professional, scientific and technical activities	2010	120,7	26,7	73,3	405,7	74,2	25,8
	2011	93,5	35,3	64,7	366,6	79,2	20,8
	2012	87,4	35,4	64,6	351,6	80,0	20,0
	2013	97,1	35,0	65,0	340,2	77,6	22,4
	2014	115,1	26,1	73,9	336,0	69,1	30,9
	2015	131,0	22,7	77,3	318,7	63,8	36,2
	2016	125,2	19,9	80,1	312,5	62,7	37,3
Administrative and support service activities	2010	72,6	22,1	77,9	337,9	78,5	21,5
	2011	56,3	29,8	70,2	329,8	82,6	17,4
	2012	38,8	41,5	58,5	318,9	88,6	11,4
	2013	40,2	43,5	56,5	331,2	88,9	11,1
	2014	44,1	34,4	65,6	313,0	86,6	13,4
	2015	47,4	33,0	67,0	291,5	85,4	14,6
	2016	45,9	29,8	70,2	281,7	83,9	16,1

ACTIVITY OF ENTERPRISES

Table 25.2 continued

	Year	Number of business entities			Number of persons employed		
		total, thsd.	of which, percent		total, thsd.	of which, percent	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Education	2010	10,8	22,6	77,4	46,7	76,4	23,6
	2011	7,8	31,3	68,7	41,6	80,8	19,2
	2012	7,3	29,5	70,5	34,3	76,9	23,1
	2013	8,5	28,0	72,0	33,9	73,5	26,5
	2014	10,1	20,6	79,4	31,0	66,2	33,8
	2015	10,9	19,2	80,8	30,7	63,8	36,2
	2016	11,1	17,1	82,9	30,6	59,2	40,8
Human health and social work activities	2010	18,2	25,7	74,3	112,1	81,5	18,5
	2011	16,5	29,7	70,3	113,6	82,7	17,3
	2012	16,5	28,1	71,9	114,3	82,5	17,5
	2013	18,0	27,2	72,8	109,6	80,8	19,2
	2014	21,1	19,4	80,6	92,3	73,4	26,6
	2015	21,7	19,9	80,1	110,2	78,3	21,7
	2016	21,5	18,1	81,9	113,4	77,5	22,5
Arts, entertainment and recreation	2010	11,9	17,5	82,5	42,5	67,1	32,9
	2011	9,7	22,9	77,1	44,0	72,5	27,5
	2012	9,2	21,9	78,1	49,6	74,0	26,0
	2013	11,6	20,1	79,9	51,8	68,8	31,2
	2014	13,5	14,4	85,6	47,8	65,3	34,7
	2015	14,9	14,0	86,0	48,8	64,1	35,9
	2016	13,9	12,2	87,8	45,9	60,6	39,4
Other services	2010	128,2	3,6	96,4	207,4	20,5	79,5
	2011	97,1	4,8	95,2	177,2	23,0	77,0
	2012	74,5	6,3	93,7	144,2	24,4	75,6
	2013	76,8	6,3	93,7	141,0	23,3	76,7
	2014	86,7	4,6	95,4	136,5	18,7	81,3
	2015	89,9	4,3	95,7	131,6	17,9	82,1
	2016	86,2	3,8	96,2	130,1	16,8	83,2

ACTIVITY OF ENTERPRISES

Table 25.2 continued

	Year	Number of employees			Volume of the sold products (goods, services)		
		total, thsd.	of which, percent		total, mln. UAH	of which, percent	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Total¹	2010	9073,6	88,9	11,1	3692554,4	93,8	6,2
	2011	8986,9	88,4	11,6	4302627,2	95,1	4,9
	2012	8861,5	88,2	11,8	4563794,8	94,4	5,6
	2013	8515,4	88,3	11,7	4437326,1	93,6	6,4
	2014	7311,6	87,6	12,4	4608978,1	93,7	6,3
	2015	6589,5	90,0	10,0	5716431,0	93,0	7,0
	2016	6557,3	88,6	11,4	6854271,5	92,9	7,1
Agriculture, forestry and fishing	2010	738,5	98,1	1,9	103561,2	96,5	3,5
	2011	727,5	97,7	2,3	130604,4	97,2	2,8
	2012	716,4	97,4	2,6	167332,5	97,2	2,8
	2013	669,9	97,3	2,7	166277,9	96,9	3,1
	2014	670,9	88,8	11,2	220163,3	97,2	2,8
	2015	581,8	97,9	2,1	312033,4	97,4	2,6
	2016	592,9	97,5	2,5	415131,8	97,3	2,7
Industry	2010	3178,5	97,0	3,0	1173801,8	98,8	1,2
	2011	3137,3	96,8	3,2	1478701,9	99,1	0,9
	2012	3126,9	96,4	3,6	1517617,7	98,8	1,2
	2013	3019,5	96,5	3,5	1493850,1	98,6	1,4
	2014	2506,8	96,5	3,5	1567714,0	98,7	1,3
	2015	2314,6	96,8	3,2	1917185,6	98,5	1,5
	2016	2228,4	96,1	3,9	2286435,2	98,4	1,6
Construction	2010	477,7	96,9	3,1	101991,1	94,8	5,2
	2011	436,7	97,0	3,0	124813,4	96,5	3,5
	2012	412,5	97,1	2,9	159430,4	97,7	2,3
	2013	373,2	97,0	3,0	144765,8	97,5	2,5
	2014	288,1	96,5	3,5	154619,0	97,3	2,7
	2015	247,6	96,6	3,4	150540,5	94,9	5,1
	2016	248,9	95,5	4,5	179605,4	93,7	6,3

ACTIVITY OF ENTERPRISES

Table 25.2 continued

	Year	Number of employees			Volume of the sold products (goods, services)		
		total, thsd.	of which, percent		total, mln. UAH	of which, percent	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	1847,8	65,8	34,2	1555284,6	90,4	9,6
	2011	1864,6	65,5	34,5	1720868,9	92,2	7,8
	2012	1782,9	65,4	34,6	1783736,9	91,0	9,0
	2013	1711,7	66,0	34,0	1782399,7	90,4	9,6
	2014	1492,9	66,5	33,5	1795659,9	90,8	9,2
	2015	1280,9	70,3	29,7	2159334,2	90,5	9,5
	2016	1350,6	68,4	31,6	2657113,3	90,9	9,1
Transportation and storage, postal and courier activities	2010	996,7	92,8	7,2	160170,2	89,8	10,2
	2011	997,8	92,1	7,9	200477,7	92,2	7,8
	2012	1009,0	92,2	7,8	228906,6	92,7	7,3
	2013	983,8	92,3	7,7	224523,5	92,3	7,7
	2014	828,6	91,6	8,4	223068,4	91,3	8,7
	2015	823,6	93,8	6,2	322291,2	91,2	8,8
	2016	809,7	93,6	6,4	394194,2	91,5	8,5
Accommodation and food service activities	2010	206,5	63,9	36,1	16578,9	70,0	30,0
	2011	206,9	61,1	38,9	18213,7	71,0	29,0
	2012	226,9	59,1	40,9	23906,6	69,1	30,9
	2013	222,8	58,3	41,7	30322,4	55,2	44,8
	2014	161,3	61,6	38,4	22684,6	63,2	36,8
	2015	142,1	60,2	39,8	29069,3	62,8	37,2
	2016	150,2	55,8	44,2	36427,7	60,1	39,9
Information and communication	2010	239,1	96,6	3,4	73015,0	90,3	9,7
	2011	237,7	96,3	3,7	82637,9	90,0	10,0
	2012	224,0	96,5	3,5	90074,4	88,1	11,9
	2013	223,0	96,2	3,8	94278,2	85,3	14,7
	2014	202,1	93,8	6,2	105689,6	79,6	20,4
	2015	168,5	96,3	3,7	141479,6	71,1	28,9
	2016	161,3	95,1	4,9	174028,2	66,9	33,1

ACTIVITY OF ENTERPRISES

Table 25.2 continued

	Year	Number of employees			Volume of the sold products (goods, services)		
		total, thsd.	of which, percent		total, mln. UAH	of which, percent	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Financial and insurance activities	2010	309,1	99,6	0,4	264857,9	98,7	1,3
	2011	308,1	99,6	0,4	272059,7	98,9	1,1
	2012	310,0	99,8	0,2	269820,5	99,4	0,6
	2013	298,4	99,8	0,2	196569,0	99,3	0,7
	2014	272,9	99,8	0,2	209425,7	99,3	0,7
	2015	205,8	99,8	0,2	236454,9	99,0	1,0
	2016	199,7	99,7	0,3	210748,8	98,6	1,4
Real estate activities	2010	242,9	96,5	3,5	42242,0	86,4	13,6
	2011	229,7	96,0	4,0	45445,7	88,2	11,8
	2012	229,2	91,8	8,2	63020,4	84,3	15,7
	2013	208,6	92,0	8,0	61518,0	81,6	18,4
	2014	179,7	91,4	8,6	66412,9	83,0	17,0
	2015	168,0	94,1	5,9	90298,1	83,4	16,6
	2016	166,4	93,2	6,8	98097,9	81,4	18,6
Professional, scientific and technical activities	2010	310,1	94,8	5,2	151520,8	95,0	5,0
	2011	298,8	94,7	5,3	171302,8	96,3	3,7
	2012	288,3	95,2	4,8	186857,2	94,5	5,5
	2013	268,1	95,1	4,9	164737,8	92,7	7,3
	2014	243,1	92,3	7,7	159753,4	91,2	8,8
	2015	208,3	93,2	6,8	206687,6	87,4	12,6
	2016	206,6	92,1	7,9	291367,8	88,9	11,1
Administrative and support service activities	2010	276,5	94,1	5,9	28731,7	82,7	17,3
	2011	285,2	93,8	6,2	34094,4	87,6	12,4
	2012	291,4	95,3	4,7	42976,5	90,5	9,5
	2013	304,1	95,3	4,7	41498,1	89,3	10,7
	2014	280,1	95,3	4,7	46479,2	88,8	11,2
	2015	255,5	95,8	4,2	57318,1	85,9	14,1
	2016	246,8	94,7	5,3	69817,3	84,7	15,3

ACTIVITY OF ENTERPRISES

Table 25.2 continued

	Year	Number of employees			Volume of the sold products (goods, services)		
		total, thsd.	of which, percent		total, mln. UAH	of which, percent	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Education	2010	37,6	93,1	6,9	1943,8	79,9	20,1
	2011	35,7	92,4	7,6	2055,5	81,0	19,0
	2012	28,7	90,2	9,8	2356,5	75,8	24,2
	2013	27,2	89,5	10,5	2490,4	71,7	28,3
	2014	22,5	89,1	10,9	2353,3	67,6	32,4
	2015	21,3	89,2	10,8	3101,7	63,7	36,3
	2016	21,0	84,8	15,2	3912,9	58,1	41,9
Human health and social work activities	2010	97,3	92,7	7,3	7663,6	85,1	14,9
	2011	100,9	92,1	7,9	8507,8	85,3	14,7
	2012	100,3	91,9	8,1	9873,4	85,0	15,0
	2013	95,4	91,7	8,3	10881,7	84,5	15,5
	2014	74,3	89,9	10,1	9356,2	80,3	19,7
	2015	91,7	92,9	7,1	12991,0	81,4	18,6
	2016	95,1	91,7	8,3	16901,1	82,3	17,7
Arts, entertainment and recreation	2010	32,4	87,0	13,0	3359,1	83,1	16,9
	2011	36,2	87,0	13,0	5018,4	86,9	13,1
	2012	41,7	86,4	13,6	9032,6	87,6	12,4
	2013	41,9	83,6	16,4	13956,9	89,8	10,2
	2014	35,6	86,0	14,0	17089,7	91,3	8,7
	2015	35,4	86,7	13,3	6955,5	71,8	28,2
	2016	33,4	82,0	18,0	7556,0	63,3	36,7
Other services	2010	82,9	50,1	49,9	7832,7	29,3	70,7
	2011	83,8	47,4	52,6	7825,0	33,4	66,6
	2012	73,3	46,4	53,6	8852,6	36,7	63,3
	2013	67,8	46,6	53,4	9256,6	28,5	71,5
	2014	52,7	46,5	53,5	8508,9	30,7	69,3
	2015	44,4	50,2	49,8	10690,3	31,6	68,4
	2016	46,3	45,4	54,6	12933,9	30,0	70,0

¹ See the footnote to Table 25.1

ACTIVITY OF ENTERPRISES

**25.3. Share of indicators of activity of enterprises and natural persons-entrepreneurs
in general indicators of business entities, by type of economic activity***(percent)*

	Year	Number of business entities			Number of persons employed		
		total	of which		total	of which	
			enterprises	natural persons- entrepreneurs		enterprises	natural persons- entrepreneurs
Total¹	2010	100,0	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	3,7	13,4	1,6	7,5	9,4	1,5
	2011	3,6	11,1	1,5	7,4	8,9	1,5
	2012	4,3	13,1	1,7	7,5	9,0	1,7
	2013	4,1	12,7	1,6	7,5	9,0	1,7
	2014	3,9	13,5	1,9	8,4	9,7	4,2
	2015	4,0	13,6	2,0	7,7	10,2	2,0
	2016	4,0	14,7	1,9	8,0	10,3	1,9
Industry	2010	7,0	12,6	5,8	30,6	37,8	7,1
	2011	7,2	12,6	5,6	31,7	38,0	7,4
	2012	7,1	11,9	5,7	32,2	38,2	8,0
	2013	7,0	12,5	5,4	31,8	38,3	7,7
	2014	6,8	12,4	5,6	29,4	37,3	7,1
	2015	6,8	12,4	5,7	29,0	38,2	7,2
	2016	6,8	12,8	5,7	28,3	36,5	7,6
Construction	2010	3,4	10,1	2,1	4,9	5,8	1,8
	2011	3,5	10,0	1,6	4,6	5,4	1,5
	2012	3,2	9,3	1,4	4,4	5,2	1,2
	2013	3,1	9,2	1,3	4,1	4,9	1,2
	2014	2,7	8,7	1,4	3,6	4,4	1,3
	2015	2,8	8,5	1,5	3,4	4,2	1,5
	2016	2,7	8,0	1,7	3,4	4,1	1,6

ACTIVITY OF ENTERPRISES

Table 25.3 continued

	Year	Number of business entities			Number of persons employed		
		total	of which		total	of which	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	54,8	29,1	60,2	27,5	15,2	61,1
	2011	54,1	29,7	61,1	26,6	15,5	61,3
	2012	52,7	28,4	59,8	25,6	15,1	59,6
	2013	51,7	28,1	58,7	26,0	15,1	58,7
	2014	51,2	27,5	56,2	27,5	15,6	55,8
	2015	50,1	27,3	54,9	26,4	15,7	55,7
	2016	48,8	26,8	53,1	26,8	15,9	54,4
Transportation and storage, postal and courier activities	2010	6,7	3,6	7,3	10,5	11,3	7,3
	2011	5,9	3,9	6,4	10,7	11,5	6,9
	2012	5,5	4,2	5,8	10,9	11,8	6,6
	2013	5,4	4,3	5,7	10,9	11,9	6,5
	2014	5,8	4,4	6,1	10,6	11,7	6,7
	2015	6,0	4,4	6,4	11,2	13,2	6,8
	2016	5,9	4,5	6,1	11,1	12,9	6,4
Accommodation and food service activities	2010	2,3	2,6	2,2	2,3	1,6	4,1
	2011	2,5	2,6	2,5	2,4	1,6	4,8
	2012	2,7	2,6	2,8	2,7	1,7	5,6
	2013	3,0	2,6	3,2	2,7	1,7	5,8
	2014	3,0	2,3	3,1	2,4	1,5	4,5
	2015	3,0	2,2	3,1	2,3	1,5	4,7
	2016	3,1	2,1	3,3	2,5	1,4	5,1
Information and communication	2010	2,6	3,5	2,4	2,6	2,9	1,8
	2011	3,2	3,8	3,0	2,8	2,9	2,1
	2012	4,2	3,7	4,3	2,8	2,8	2,7
	2013	5,0	3,8	5,4	3,1	2,8	3,4
	2014	5,9	3,9	6,4	3,5	3,0	4,5
	2015	5,9	4,0	6,3	3,3	2,8	4,7
	2016	7,0	3,9	7,6	3,4	2,7	5,4

ACTIVITY OF ENTERPRISES

Table 25.3 continued

	Year	Number of business entities			Number of persons employed		
		total	of which		total	of which	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Financial and insurance activities	2010	0,7	1,6	0,5	0,9	3,8	0,4
	2011	0,7	1,5	0,4	0,9	3,8	0,3
	2012	0,6	1,4	0,4	0,8	3,9	0,3
	2013	0,7	1,3	0,4	0,7	3,9	0,3
	2014	0,6	1,3	0,5	0,8	4,2	0,3
	2015	0,6	1,3	0,5	2,6	0,9	0,4
	2016	0,6	1,3	0,5	2,5	3,4	0,4
Real estate activities	2010	2,3	7,3	1,3	2,6	3,0	1,1
	2011	2,8	7,7	1,4	2,5	2,9	1,2
	2012	5,1	8,8	4,0	2,9	2,7	3,0
	2013	5,3	8,9	4,3	2,9	2,6	3,2
	2014	5,1	9,1	4,2	2,9	2,6	3,3
	2015	4,8	9,5	3,8	2,9	2,9	3,1
	2016	4,8	9,8	3,8	2,9	2,8	3,1
Professional, scientific and technical activities	2010	5,5	8,5	4,9	3,8	3,7	3,7
	2011	5,5	8,8	4,6	3,6	3,6	3,2
	2012	5,5	8,5	4,6	3,5	3,6	3,1
	2013	5,6	8,6	4,7	3,5	3,5	3,3
	2014	5,9	8,8	5,3	3,9	3,6	4,1
	2015	6,6	8,7	6,2	3,8	3,5	5,0
	2016	6,7	8,1	6,4	3,8	3,3	5,0
Administrative and support service activities	2010	3,3	4,2	3,1	3,1	3,2	2,6
	2011	3,3	4,5	3,0	3,2	3,4	2,4
	2012	2,4	4,4	1,8	3,2	3,6	1,6
	2013	2,3	4,4	1,7	3,3	3,9	1,6
	2014	2,3	4,5	1,8	3,4	4,2	1,7
	2015	2,4	4,6	1,9	3,5	4,2	1,9
	2016	2,5	4,5	2,1	3,4	4,0	2,0

ACTIVITY OF ENTERPRISES

Table 25.3 continued

	Year	Number of business entities			Number of persons employed		
		total	of which		total	of which	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Education	2010	0,5	0,6	0,5	0,4	0,4	0,4
	2011	0,4	0,7	0,4	0,4	0,4	0,3
	2012	0,4	0,6	0,4	0,3	0,3	0,3
	2013	0,5	0,6	0,5	0,4	0,3	0,4
	2014	0,5	0,6	0,5	0,4	0,3	0,4
	2015	0,5	0,6	0,5	0,4	0,3	0,5
	2016	0,6	0,6	0,6	0,4	0,3	0,5
Human health and social work activities	2010	0,8	1,2	0,8	1,0	1,1	0,7
	2011	1,0	1,3	0,9	1,1	1,2	0,8
	2012	1,0	1,3	1,0	1,2	1,2	0,9
	2013	1,1	1,2	1,0	1,1	1,2	0,9
	2014	1,1	1,2	1,1	1,1	1,0	1,0
	2015	1,1	1,2	1,1	1,3	1,5	1,0
	2016	1,2	1,3	1,1	1,4	1,5	1,1
Arts, entertainment and recreation	2010	0,5	0,5	0,5	0,4	0,3	0,5
	2011	0,6	0,6	0,6	0,4	0,4	0,5
	2012	0,6	0,5	0,6	0,5	0,5	0,6
	2013	0,7	0,6	0,7	0,5	0,5	0,7
	2014	0,7	0,6	0,7	0,5	0,5	0,7
	2015	0,8	0,6	0,8	0,6	0,5	0,8
	2016	0,7	0,5	0,8	0,5	0,5	0,8
Other services	2010	5,9	1,2	6,8	1,9	0,5	5,9
	2011	5,7	1,2	7,0	1,7	0,5	5,8
	2012	4,7	1,3	5,7	1,5	0,4	4,8
	2013	4,5	1,2	5,4	1,5	0,4	4,6
	2014	4,5	1,2	5,2	1,6	0,4	4,4
	2015	4,6	1,1	5,3	1,6	0,4	4,7
	2016	4,6	1,1	5,3	1,6	0,4	4,7

ACTIVITY OF ENTERPRISES

Table 25.3 continued

	Year	Number of employees			Volume of the sold products (goods, services)		
		total	of which		total	of which	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Total¹	2010	100,0	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	8,4	9,0	1,4	2,9	2,9	1,6
	2011	8,3	8,9	1,6	3,1	3,1	1,7
	2012	8,3	8,9	1,8	3,8	3,8	1,8
	2013	8,2	8,7	1,8	3,8	3,9	1,8
	2014	9,5	9,3	1,8	5,0	4,9	2,2
	2015	8,8	9,9	1,9	6,5	7,0	2,4
	2016	9,0	10,0	2,0	6,1	6,3	2,3
Industry	2010	35,9	38,2	9,5	32,6	33,5	6,3
	2011	35,8	38,2	9,6	35,2	35,8	6,6
	2012	36,3	38,6	10,8	34,0	34,8	7,3
	2013	36,3	38,7	10,7	34,0	35,5	7,3
	2014	35,1	37,8	10,7	35,1	35,8	7,3
	2015	35,1	38,8	11,1	33,6	36,6	7,6
	2016	34,0	36,9	11,5	33,4	35,3	7,6
Construction	2010	5,4	5,7	1,5	2,8	2,8	2,3
	2011	5,0	5,3	1,3	3,0	3,0	2,1
	2012	4,8	5,1	1,2	3,6	3,6	1,4
	2013	4,5	4,8	1,1	3,2	3,4	1,3
	2014	4,1	4,3	1,1	3,0	3,5	1,4
	2015	3,8	4,1	1,3	2,6	2,8	1,9
	2016	3,8	4,1	1,5	2,6	2,6	2,3

ACTIVITY OF ENTERPRISES

Table 25.3 continued

	Year	Number of employees			Volume of the sold products (goods, services)		
		total	of which		total	of which	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	20,9	15,1	62,7	43,2	40,6	64,7
	2011	21,3	15,4	61,6	40,9	38,8	63,3
	2012	20,7	14,9	59,2	40,0	37,7	62,4
	2013	20,8	15,0	58,6	41,4	38,8	59,9
	2014	21,0	15,5	58,6	40,6	37,7	57,4
	2015	19,4	15,6	57,8	37,8	37,9	51,8
	2016	20,6	15,9	57,0	38,8	37,9	49,7
Transportation and storage, postal and courier activities	2010	11,3	11,5	7,1	4,5	4,2	7,1
	2011	11,4	11,6	7,5	4,8	4,5	7,4
	2012	11,7	11,9	7,5	5,1	5,0	6,5
	2013	11,9	12,1	7,6	5,2	5,0	6,1
	2014	11,7	11,8	7,6	5,0	4,7	6,8
	2015	12,5	13,4	7,7	5,6	5,7	7,1
	2016	12,3	13,0	6,9	5,7	5,7	6,9
Accommodation and food service activities	2010	2,3	1,6	7,4	0,5	0,3	2,2
	2011	2,4	1,6	7,7	0,4	0,3	2,5
	2012	2,6	1,7	8,9	0,5	0,4	2,9
	2013	2,7	1,7	9,3	0,7	0,4	4,8
	2014	2,3	1,5	9,3	0,5	0,3	2,9
	2015	2,2	1,5	8,6	0,5	0,3	2,7
	2016	2,3	1,4	8,9	0,5	0,4	3,0
Information and communication	2010	2,7	2,9	0,8	2,0	1,9	3,1
	2011	2,7	2,9	0,8	2,0	1,8	3,9
	2012	2,6	2,8	0,7	2,0	1,8	4,2
	2013	2,7	2,8	0,9	2,2	1,9	4,9
	2014	2,9	3,0	0,9	2,5	1,9	7,5
	2015	2,6	2,8	0,9	2,5	1,9	10,3
	2016	2,5	2,6	1,1	2,5	1,8	11,8

ACTIVITY OF ENTERPRISES

Table 25.3 continued

	Year	Number of employees			Volume of the sold products (goods, services)		
		total	of which		total	of which	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Financial and insurance activities	2010	0,9	3,8	0,1	4,7	7,5	1,5
	2011	0,9	3,9	0,1	4,1	6,6	1,4
	2012	0,8	4,0	0,1	3,7	6,2	0,7
	2013	0,7	4,0	0,1	2,2	4,7	0,5
	2014	0,9	4,3	0,1	1,3	4,8	0,5
	2015	3,1	0,9	0,1	4,1	1,4	0,6
	2016	3,0	3,4	0,1	3,1	3,3	0,6
Real estate activities	2010	2,8	2,9	0,8	1,2	1,0	2,5
	2011	2,6	2,8	0,9	1,1	1,0	2,5
	2012	2,7	2,7	1,8	1,4	1,2	3,8
	2013	2,6	2,6	1,7	1,5	1,2	4,0
	2014	2,5	2,6	1,7	1,5	1,3	3,9
	2015	2,5	2,7	1,5	1,6	1,5	3,8
	2016	2,5	2,7	1,5	1,4	1,3	3,7
Professional, scientific and technical activities	2010	3,5	3,7	1,6	4,2	4,2	3,3
	2011	3,4	3,5	1,5	4,1	4,0	3,0
	2012	3,3	3,5	1,3	4,2	4,1	4,0
	2013	3,3	3,4	1,3	3,9	3,7	4,2
	2014	3,5	3,5	1,3	3,7	3,4	4,9
	2015	3,2	3,4	2,1	3,6	3,5	6,5
	2016	3,2	3,3	2,2	4,3	4,1	6,6
Administrative and support service activities	2010	3,1	3,2	1,6	0,8	0,7	2,1
	2011	3,3	3,4	1,7	0,8	0,7	2,0
	2012	3,4	3,5	1,3	1,0	0,9	1,6
	2013	3,6	3,8	1,4	1,0	0,9	1,6
	2014	3,8	4,2	1,4	0,9	1,0	1,8
	2015	3,9	4,2	1,6	1,0	1,0	2,0
	2016	3,8	4,0	1,7	1,0	0,9	2,2

ACTIVITY OF ENTERPRISES

Table 25.3 continued

	Year	Number of employees			Volume of the sold products (goods, services)		
		total	of which		total	of which	
			enterprises	natural persons-entrepreneurs		enterprises	natural persons-entrepreneurs
Education	2010	0,4	0,4	0,3	0,1	0,0	0,2
	2011	0,4	0,4	0,3	0,0	0,0	0,2
	2012	0,3	0,3	0,3	0,1	0,0	0,2
	2013	0,3	0,3	0,3	0,1	0,0	0,2
	2014	0,3	0,3	0,3	0,1	0,0	0,3
	2015	0,3	0,3	0,4	0,1	0,0	0,3
	2016	0,3	0,3	0,4	0,1	0,0	0,3
Human health and social work activities	2010	1,1	1,1	0,7	0,2	0,2	0,5
	2011	1,1	1,2	0,8	0,2	0,2	0,6
	2012	1,2	1,2	0,8	0,2	0,2	0,6
	2013	1,1	1,2	0,8	0,3	0,2	0,6
	2014	1,1	1,0	0,8	0,2	0,2	0,6
	2015	1,4	1,5	1,0	0,2	0,2	0,6
	2016	1,5	1,5	1,0	0,2	0,2	0,6
Arts, entertainment and recreation	2010	0,4	0,4	0,4	0,1	0,1	0,2
	2011	0,4	0,4	0,4	0,1	0,1	0,3
	2012	0,5	0,5	0,5	0,2	0,2	0,4
	2013	0,5	0,5	0,7	0,3	0,3	0,5
	2014	0,5	0,5	0,7	0,4	0,4	0,5
	2015	0,5	0,5	0,7	0,1	0,1	0,6
	2016	0,5	0,5	0,8	0,1	0,1	0,6
Other services	2010	0,9	0,5	4,1	0,2	0,1	2,4
	2011	1,0	0,5	4,2	0,2	0,1	2,5
	2012	0,8	0,4	3,8	0,2	0,1	2,2
	2013	0,8	0,4	3,7	0,2	0,1	2,3
	2014	0,8	0,4	3,7	0,2	0,1	2,0
	2015	0,7	0,4	3,3	0,2	0,1	1,8
	2016	0,7	0,4	3,4	0,2	0,1	1,8

¹ See the footnote to Table 25.1

ACTIVITY OF ENTERPRISES

25.4. Basic indicators of activity of large, medium, small and micro enterprises¹

	2010	2011	2012	2013	2014	2015	2016
Number of enterprises							
Total, units	378810	375695	364935	393327	341001	343440	306369
large enterprises							
units	586	659	698	659	497	423	382
percent of total entities	0,2	0,2	0,2	0,2	0,1	0,1	0,1
per 10 thsd. present population, units	0	0	0	0	0	0	0
middle-sized enterprises							
units	20983	20753	20189	18859	15906	15203	14869
percent of total entities	5,5	5,5	5,5	4,8	4,7	4,4	4,9
per 10 thsd. present population, units	5	5	4	4	4	4	4
small enterprises							
units	357241	354283	344048	373809	324598	327814	291118
percent of total entities	94,3	94,3	94,3	95,0	95,2	95,5	95,0
per 10 thsd. present population, units	78	77	76	82	75	76	68
of which micro enterprises							
units	300445	295815	286461	318477	278922	284241	247614
percent of total entities	79,3	78,7	78,5	81,0	81,8	82,8	80,8
per 10 thsd. present population, units	66	65	63	70	65	66	58
Number of persons employed							
Total, thsd.	7958,2	7793,1	7679,7	7406,5	6298,5	5889,7	5761,8
large enterprises							
thsd.	2400,3	2449,0	2484,2	2383,7	1915,1	1708,6	1583,6
percent of total persons employed	30,2	31,4	32,4	32,2	30,4	29,0	27,5
middle-sized enterprises							
thsd.	3393,3	3252,6	3144,2	3012,1	2696,5	2604,7	2568,6
percent of total persons employed	42,6	41,7	40,9	40,7	42,8	44,2	44,6
small enterprises							
thsd.	2164,6	2091,5	2051,3	2010,7	1686,9	1576,4	1609,6
percent of total persons employed	27,2	26,9	26,7	27,1	26,8	26,8	27,9
of which micro enterprises							
thsd.	832,6	788,9	788,2	795,3	723,5	691,4	692,1
percent of total persons employed	10,5	10,1	10,3	10,7	11,5	11,7	12,0

ACTIVITY OF ENTERPRISES

Table 25.4 continued

	2010	2011	2012	2013	2014	2015	2016
Number of employees							
Total, thsd.	7836,4	7712,4	7577,6	7285,6	6193,0	5778,1	5673,6
large enterprises							
thsd.	2400,3	2449,0	2484,1	2383,7	1915,1	1708,6	1583,6
percent of total employees	30,6	31,7	32,8	32,7	30,9	29,6	27,9
middle-sized enterprises							
thsd.	3392,4	3251,6	3141,9	3010,1	2694,9	2603,2	2567,1
percent of total employees	43,3	42,2	41,5	41,3	43,5	45,0	45,3
small enterprises							
thsd.	2043,7	2011,8	1951,6	1891,8	1583,0	1466,3	1522,9
percent of total employees	26,1	26,1	25,7	26,0	25,6	25,4	26,8
of which micro enterprises							
thsd.	762,0	757,4	736,5	734,4	626,6	587,8	613,1
percent of total employees	9,7	9,8	9,7	10,1	10,1	10,2	10,8
Volume of the sold products (goods, services)							
Total, mln. UAH	3366228,2	3991239,4	4203169,6	4050215,0	4170659,9	5159067,1	6214729,4
large enterprises							
mln. UAH	1401596,8	1775829,0	1761086,0	1717391,3	1742507,9	2053189,5	2387762,8
percent of total volume of the sold products (goods, services)	41,6	44,5	41,9	42,4	41,8	39,8	38,4
middle-sized enterprises							
mln. UAH	1396364,3	1607628,0	1769430,2	1662565,2	1723151,5	2168764,8	2602415,8
percent of total volume of the sold products (goods, services)	41,5	40,3	42,1	41,0	41,3	42,0	41,9
small enterprises							
mln. UAH	568267,1	607782,4	672653,4	670258,5	705000,5	937112,8	1224550,8
percent of total volume of the sold products (goods, services)	16,9	15,2	16,0	16,6	16,9	18,2	19,7
of which micro enterprises							
mln. UAH	181903,1	189799,1	212651,2	216111,4	230729,3	307450,0	426467,0
percent of total volume of the sold products (goods, services)	5,4	4,8	5,1	5,3	5,5	6,0	6,9

¹ Excluding banks and budgetary institutions

ACTIVITY OF ENTERPRISES

**25.5. Distribution of indicators of large, medium, small and micro enterprises,
by type of economic activity**

	Year	Number of enterprises				
		total, units	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	378810	0,2	5,5	94,3	79,3
	2011	375695	0,2	5,5	94,3	78,7
	2012	364935	0,2	5,5	94,3	78,5
	2013	393327	0,2	4,8	95,0	81,0
	2014	341001	0,1	4,7	95,2	81,8
	2015	343440	0,1	4,4	95,5	82,8
	2016	306369	0,1	4,9	95,0	80,8
Agriculture, forestry and fishing	2010	50666	0,0	6,8	93,2	84,8
	2011	41677	0,0	7,9	92,1	79,4
	2012	47656	0,1	6,6	93,3	82,1
	2013	49848	0,1	5,8	94,1	83,2
	2014	46012	0,1	5,6	94,3	83,5
	2015	46744	0,1	5,4	94,5	83,9
	2016	45045	0,0	5,6	94,4	83,2
Industry	2010	47827	0,7	12,8	86,5	64,3
	2011	47479	0,9	12,6	86,5	63,7
	2012	43356	0,9	13,4	85,7	60,8
	2013	49130	0,8	11,3	87,9	66,3
	2014	42187	0,7	11,3	88,0	67,0
	2015	42564	0,6	11,0	88,4	68,2
	2016	39082	0,5	11,8	87,7	65,5
Construction	2010	38215	0,0	3,9	96,1	79,9
	2011	37544	0,0	3,9	96,1	79,5
	2012	34077	0,0	4,1	95,9	77,6
	2013	36185	0,0	3,4	96,6	80,8
	2014	29785	0,0	3,1	96,9	82,1
	2015	29165	0,0	2,7	97,3	84,0
	2016	24489	0,0	3,2	96,8	80,7

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of enterprises				
		total, units	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	110154	0,2	3,7	96,1	82,7
	2011	111638	0,2	3,7	96,1	82,9
	2012	103798	0,2	3,8	96,0	82,4
	2013	110414	0,2	3,3	96,5	84,4
	2014	93972	0,1	3,2	96,7	85,2
	2015	93643	0,1	2,9	97,0	86,1
	2016	82281	0,1	3,3	96,6	84,3
Transportation and storage, postal and courier activities	2010	13603	0,3	9,1	90,6	69,0
	2011	14792	0,2	8,7	91,1	70,0
	2012	15472	0,2	8,4	91,4	70,3
	2013	16810	0,2	7,7	92,1	73,3
	2014	14909	0,2	7,5	92,3	74,4
	2015	15148	0,2	7,3	92,5	75,7
	2016	13714	0,2	8,1	91,7	73,1
Accommodation and food service activities	2010	9777	0,0	4,3	95,7	76,1
	2011	9880	0,0	4,4	95,6	75,4
	2012	9495	0,0	4,8	95,2	75,6
	2013	10096	0,0	4,3	95,7	78,4
	2014	7885	0,0	3,7	96,3	80,4
	2015	7700	0,0	3,2	96,8	81,5
	2016	6587	0,0	3,7	96,3	78,4
Information and communication	2010	13189	0,1	3,1	96,8	81,3
	2011	14372	0,1	3,0	96,9	81,7
	2012	13448	0,1	3,1	96,8	80,0
	2013	14885	0,1	2,7	97,2	82,7
	2014	13319	0,0	2,8	97,2	83,4
	2015	13617	0,0	2,5	97,5	84,7
	2016	11954	0,1	2,8	97,1	83,1

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of enterprises				
		total, units	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	5702	0,1	7,8	92,1	78,9
	2011	5593	0,1	8,1	91,8	78,6
	2012	4972	0,2	10,1	89,7	75,1
	2013	4996	0,2	7,3	92,5	77,8
	2014	4410	0,0	7,4	92,6	77,4
	2015	4333	0,0	6,8	93,2	79,3
	2016	3797	0,0	6,9	93,1	78,1
Real estate activities	2010	27603	0,0	2,7	97,3	83,7
	2011	28783	0,0	2,5	97,5	84,1
	2012	32121	0,0	2,2	97,8	86,6
	2013	35076	0,0	1,7	98,3	88,7
	2014	31201	0,0	1,5	98,5	89,3
	2015	32719	0,0	1,5	98,5	89,9
	2016	30065	0,0	1,4	98,6	89,7
Professional, scientific and technical activities	2010	32189	0,0	2,9	97,1	85,4
	2011	32963	0,0	2,8	97,2	86,3
	2012	30973	0,0	2,8	97,2	85,9
	2013	33946	0,0	2,4	97,6	88,1
	2014	30028	0,0	2,3	97,7	88,8
	2015	29780	0,0	2,1	97,9	89,9
	2016	24903	0,0	2,3	97,7	88,2
Administrative and support service activities	2010	16011	0,0	6,6	93,4	73,7
	2011	16774	0,0	6,4	93,6	75,4
	2012	16086	0,0	6,9	93,1	73,9
	2013	17478	0,0	6,2	93,8	75,5
	2014	15177	0,0	5,9	94,1	76,4
	2015	15646	0,0	5,7	94,3	77,7
	2016	13662	0,0	6,4	93,6	74,8

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of enterprises				
		total, units	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	2454	0,0	4,4	95,6	76,4
	2011	2434	—	3,9	96,1	77,4
	2012	2162	—	3,6	96,4	76,9
	2013	2367	—	2,9	97,1	79,9
	2014	2081	—	2,8	97,2	81,2
	2015	2089	—	2,6	97,4	82,3
	2016	1875	—	2,8	97,2	79,9
Human health and social work activities	2010	4684	—	6,3	93,7	71,5
	2011	4883	—	5,9	94,1	71,4
	2012	4636	—	6,1	93,9	68,9
	2013	4914	—	5,4	94,6	70,3
	2014	4093	—	5,0	95,0	70,2
	2015	4307	—	6,2	93,8	69,2
	2016	3937	—	7,1	92,9	64,5
Arts, entertainment and recreation	2010	2078	0,1	5,1	94,8	82,7
	2011	2214	0,1	4,5	95,4	82,3
	2012	2027	0,1	6,7	93,2	76,7
	2013	2341	0,1	4,6	95,3	83,1
	2014	1946	0,2	4,9	94,9	83,6
	2015	2089	0,1	5,9	94,0	82,1
	2016	1708	0,1	6,6	93,3	78,0
Other services	2010	4658	—	2,0	98,0	79,2
	2011	4669	—	1,8	98,2	79,7
	2012	4656	—	1,4	98,6	81,1
	2013	4841	—	1,2	98,8	83,7
	2014	3996	—	1,1	98,9	86,1
	2015	3896	—	1,3	98,7	86,8
	2016	3270	—	1,4	98,6	85,4

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of persons employed				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	7958,2	30,2	42,6	27,2	10,5
	2011	7793,1	31,4	41,7	26,9	10,1
	2012	7679,7	32,4	40,9	26,7	10,3
	2013	7406,5	32,2	40,7	27,1	10,7
	2014	6298,5	30,4	42,8	26,8	11,5
	2015	5889,7	29,0	44,2	26,8	11,7
	2016	5761,8	27,5	44,6	27,9	12,0
Agriculture, forestry and fishing	2010	768,3	4,3	67,1	28,6	13,2
	2011	714,6	5,5	66,8	27,7	9,5
	2012	712,0	6,2	62,8	31,0	11,4
	2013	687,2	5,7	59,6	34,7	13,4
	2014	628,9	7,4	57,9	34,7	15,7
	2015	597,6	8,1	57,9	34,0	14,9
	2016	608,9	6,3	58,2	35,5	15,8
Industry	2010	3091,8	45,3	43,0	11,7	3,0
	2011	3045,9	47,2	41,5	11,3	2,9
	2012	3026,4	48,1	40,8	11,1	2,9
	2013	2924,9	46,7	41,5	11,8	3,1
	2014	2429,6	43,6	44,6	11,8	3,4
	2015	2252,1	39,0	48,8	12,2	3,6
	2016	2150,5	36,1	51,0	12,9	3,7
Construction	2010	472,1	2,7	44,3	53,0	19,2
	2011	432,7	2,6	45,5	51,9	18,6
	2012	411,1	2,6	45,7	51,7	18,3
	2013	371,7	2,8	44,5	52,7	19,5
	2014	286,1	0,8	46,0	53,2	22,3
	2015	248,1	1,3	43,7	55,0	24,4
	2016	243,0	1,3	41,4	57,3	24,0

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of persons employed				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	1241,1	21,1	34,6	44,3	19,6
	2011	1246,7	22,1	34,1	43,8	19,8
	2012	1193,4	25,2	32,6	42,2	19,2
	2013	1156,0	27,4	31,7	40,9	19,1
	2014	1015,2	27,7	33,6	38,7	19,2
	2015	925,7	26,7	34,3	39,0	20,0
	2016	941,2	26,8	33,2	40,0	20,0
Transportation and storage, postal and courier activities	2010	928,5	60,4	28,9	10,7	3,0
	2011	923,1	59,7	29,2	11,1	3,3
	2012	937,1	58,1	29,7	12,2	3,7
	2013	911,5	58,5	29,3	12,2	3,8
	2014	762,3	56,2	31,3	12,5	4,3
	2015	776,5	59,9	28,9	11,2	4,0
	2016	761,1	59,6	28,8	11,6	4,0
Accommodation and food service activities	2010	134,5	5,4	42,9	51,7	19,1
	2011	128,7	... ²	... ²	51,0	18,1
	2012	137,0	... ²	... ²	47,9	17,6
	2013	132,6	... ²	... ²	46,3	17,2
	2014	101,5	... ²	... ²	45,5	18,2
	2015	87,9	... ²	... ²	47,6	19,0
	2016	85,4	... ²	... ²	50,0	19,4
Information and communication	2010	233,5	39,3	26,8	33,9	14,2
	2011	231,4	36,7	28,3	35,0	14,3
	2012	219,5	38,2	24,7	37,1	15,1
	2013	218,1	35,2	28,3	36,5	15,7
	2014	192,7	31,9	32,4	35,7	16,2
	2015	166,4	27,9	32,8	39,3	18,4
	2016	156,3	25,1	33,9	41,0	19,0

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of persons employed				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	81,2	22,7	44,9	32,4	14,6
	2011	79,0	24,9	43,5	31,6	15,0
	2012	69,0	23,1	45,2	31,7	14,9
	2013	62,8	13,4	52,0	34,6	15,7
	2014	61,8	... ²	... ²	30,7	14,8
	2015	54,6	... ²	... ²	30,9	15,2
	2016	64,2	... ²	... ²	27,9	13,6
Real estate activities	2010	242,8	... ²	... ²	64,2	26,9
	2011	227,9	... ²	... ²	65,3	28,0
	2012	217,8	0,7	31,0	68,3	33,6
	2013	201,7	1,2	26,9	71,9	36,9
	2014	172,2	... ²	... ²	71,3	38,5
	2015	167,7	... ²	... ²	73,3	40,7
	2016	163,3	... ²	... ²	74,7	42,1
Professional, scientific and technical activities	2010	301,1	2,3	46,9	50,8	24,8
	2011	290,4	3,0	45,3	51,7	25,4
	2012	281,4	4,3	44,6	51,1	26,0
	2013	263,9	4,3	42,7	53,0	28,3
	2014	232,2	5,8	43,3	50,9	28,8
	2015	203,4	3,2	43,8	53,0	30,5
	2016	195,8	... ²	... ²	54,2	30,2
Administrative and support service activities	2010	265,2	... ²	... ²	40,9	12,0
	2011	272,5	4,1	56,9	39,0	12,2
	2012	282,5	... ²	... ²	38,5	11,7
	2013	294,3	... ²	... ²	37,2	11,3
	2014	270,9	2,2	63,4	34,4	11,0
	2015	249,0	... ²	... ²	34,2	11,6
	2016	236,4	2,4	61,3	36,3	12,0

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of persons employed				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	35,7	... ²	... ²	48,6	17,1
	2011	33,6	—	49,1	50,9	18,1
	2012	26,4	—	43,5	56,5	20,5
	2013	24,9	—	40,0	60,0	22,6
	2014	20,6	—	40,2	59,8	24,0
	2015	19,6	—	38,8	61,2	25,9
	2016	18,1	—	34,9	65,1	26,0
Human health and social work activities	2010	91,4	—	63,3	36,7	13,0
	2011	94,0	—	58,6	41,4	14,3
	2012	94,3	—	57,6	42,4	14,1
	2013	88,5	—	56,3	43,7	14,2
	2014	67,7	—	52,2	47,8	16,4
	2015	86,3	—	61,1	38,9	13,2
	2016	87,9	—	60,2	39,8	12,5
Arts, entertainment and recreation	2010	28,5	... ²	... ²	35,5	14,3
	2011	31,9	... ²	... ²	34,9	13,2
	2012	36,7	16,1	54,2	29,7	10,6
	2013	35,6	19,4	52,1	28,5	11,3
	2014	31,2	22,8	49,5	27,7	11,3
	2015	31,3	9,7	60,7	29,6	11,8
	2016	27,8	... ²	... ²	33,6	11,8
Other services	2010	42,5	—	24,7	75,3	29,9
	2011	40,7	—	23,6	76,4	30,7
	2012	35,1	—	18,5	81,5	34,9
	2013	32,8	—	21,1	78,9	35,5
	2014	25,6	—	21,2	78,8	39,5
	2015	23,5	—	23,7	76,3	39,2
	2016	21,9	—	22,2	77,8	39,8

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of employees				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	7836,4	30,6	43,3	26,1	9,7
	2011	7712,4	31,7	42,2	26,1	9,8
	2012	7577,6	32,8	41,5	25,7	9,7
	2013	7285,6	32,7	41,3	26,0	10,1
	2014	6193,0	30,9	43,5	25,6	10,1
	2015	5778,1	29,6	45,0	25,4	10,2
	2016	5673,6	27,9	45,3	26,8	10,8
Agriculture, forestry and fishing	2010	724,8	4,5	71,1	24,4	8,4
	2011	711,0	5,6	67,1	27,3	9,4
	2012	697,8	6,4	64,0	29,6	10,7
	2013	652,1	5,9	62,8	31,3	11,4
	2014	596,0	7,8	61,1	31,1	11,3
	2015	569,4	8,5	60,7	30,8	10,9
	2016	578,1	6,6	61,3	32,1	11,7
Industry	2010	3082,5	45,5	43,1	11,4	2,9
	2011	3037,1	47,3	41,6	11,1	2,8
	2012	3014,4	48,3	40,9	10,8	2,6
	2013	2912,8	46,9	41,6	11,5	3,0
	2014	2419,3	43,8	44,8	11,4	3,0
	2015	2241,4	39,1	49,0	11,9	3,3
	2016	2142,3	36,2	51,2	12,6	3,4
Construction	2010	462,8	2,8	45,1	52,1	18,9
	2011	423,6	2,7	46,4	50,9	18,2
	2012	400,5	2,6	46,9	50,5	17,7
	2013	362,1	2,8	45,7	51,5	18,9
	2014	278,2	0,8	47,2	52,0	20,3
	2015	239,2	1,4	45,3	53,3	21,8
	2016	237,8	1,3	42,3	56,4	22,7

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of employees				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	1215,1	21,5	35,4	43,1	19,0
	2011	1220,4	22,6	34,8	42,6	19,3
	2012	1165,2	25,8	33,3	40,9	18,4
	2013	1129,3	28,0	32,4	39,6	18,4
	2014	993,4	28,3	34,3	37,4	17,6
	2015	899,9	27,5	35,2	37,3	17,9
	2016	924,3	27,3	33,7	39,0	18,7
Transportation and storage, postal and courier activities	2010	924,5	60,6	29,1	10,3	2,9
	2011	919,0	59,9	29,3	10,8	3,2
	2012	930,5	58,5	29,9	11,6	3,5
	2013	907,9	58,8	29,4	11,8	3,7
	2014	758,8	56,5	31,4	12,1	4,0
	2015	772,7	60,2	29,0	10,8	3,6
	2016	758,2	59,9	28,9	11,2	3,8
Accommodation and food service activities	2010	132,0	5,5	43,8	50,7	18,7
	2011	126,4	... ²	... ²	50,2	17,7
	2012	134,2	... ²	... ²	46,8	16,9
	2013	129,9	... ²	... ²	45,2	16,4
	2014	99,3	... ²	... ²	44,3	16,5
	2015	85,5	... ²	... ²	46,2	17,0
	2016	83,8	... ²	... ²	49,1	18,2
Information and communication	2010	231,0	39,7	27,1	33,2	13,9
	2011	228,8	37,1	28,6	34,3	14,0
	2012	216,2	38,8	25,1	36,1	14,5
	2013	214,6	35,8	28,7	35,5	15,0
	2014	189,6	32,4	32,9	34,7	15,0
	2015	162,3	28,6	33,6	37,8	16,5
	2016	153,4	25,5	34,6	39,9	17,7

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of employees				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	80,1	23,0	45,5	31,5	14,1
	2011	78,0	25,2	44,0	30,8	14,6
	2012	68,1	23,4	45,8	30,8	14,4
	2013	61,9	13,6	52,8	33,6	15,2
	2014	60,7	... ²	... ²	29,6	13,6
	2015	53,5	... ²	... ²	29,6	13,7
	2016	63,4	... ²	... ²	27,0	12,7
Real estate activities	2010	234,4	... ²	... ²	62,9	26,4
	2011	220,4	... ²	... ²	64,1	27,5
	2012	210,4	0,7	32,1	67,2	32,7
	2013	191,8	1,3	28,2	70,5	35,5
	2014	164,3	... ²	... ²	70,0	35,9
	2015	158,1	... ²	... ²	71,7	37,4
	2016	155,1	... ²	... ²	73,4	39,3
Professional, scientific and technical activities	2010	294,0	2,3	48,0	49,7	24,2
	2011	283,1	3,1	46,4	50,5	24,8
	2012	274,6	4,4	45,6	50,0	25,2
	2013	254,9	4,4	44,2	51,4	26,9
	2014	224,3	6,0	44,8	49,2	26,4
	2015	194,2	3,4	45,9	50,7	27,3
	2016	190,1	... ²	... ²	52,9	28,3
Administrative and support service activities	2010	260,3	... ²	... ²	39,8	11,7
	2011	267,5	4,2	57,9	37,9	11,8
	2012	277,7	... ²	... ²	37,4	11,3
	2013	289,9	... ²	... ²	36,2	10,7
	2014	267,1	2,3	64,3	33,4	9,8
	2015	244,7	... ²	... ²	33,0	10,1
	2016	233,6	2,5	62,0	35,5	11,0

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Number of employees				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	35,0	... ²	... ²	47,6	16,7
	2011	33,0	—	50,0	50,0	17,7
	2012	25,9	—	44,4	55,6	19,9
	2013	24,3	—	40,9	59,1	21,7
	2014	20,1	—	41,1	58,9	22,4
	2015	19,0	—	40,0	60,0	24,0
	2016	17,8	—	35,4	64,6	25,0
Human health and social work activities	2010	90,2	—	64,1	35,9	12,7
	2011	92,9	—	59,3	40,7	14,0
	2012	92,1	—	58,9	41,1	13,6
	2013	87,5	—	56,9	43,1	13,9
	2014	66,8	—	52,9	47,1	15,4
	2015	85,2	—	61,8	38,2	12,3
	2016	87,2	—	60,6	39,4	12,0
Arts, entertainment and recreation	2010	28,2	... ²	... ²	34,9	14,1
	2011	31,5	... ²	... ²	34,2	12,9
	2012	36,0	16,4	55,2	28,4	9,1
	2013	35,0	19,8	53,1	27,1	10,4
	2014	30,6	23,3	50,5	26,2	9,6
	2015	30,7	9,9	62,0	28,1	10,0
	2016	27,4	... ²	... ²	32,6	10,6
Other services	2010	41,5	—	25,3	74,7	29,6
	2011	39,7	—	24,2	75,8	30,4
	2012	34,0	—	19,1	80,9	34,2
	2013	31,6	—	21,9	78,1	34,4
	2014	24,5	—	22,2	77,8	37,3
	2015	22,3	—	25,0	75,0	36,3
	2016	21,1	—	23,1	76,9	37,8

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Volume of the sold products (goods, services)				
		total, mln. UAH	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	3366228,2	41,6	41,5	16,9	5,4
	2011	3991239,4	44,5	40,3	15,2	4,8
	2012	4203169,6	41,9	42,1	16,0	5,1
	2013	4050215,0	42,4	41,0	16,6	5,3
	2014	4170659,9	41,8	41,3	16,9	5,5
	2015	5159067,1	39,8	42,0	18,2	6,0
	2016	6214729,4	38,4	41,9	19,7	6,9
Agriculture, forestry and fishing	2010	99891,4	11,7	65,6	22,7	10,0
	2011	126961,2	9,9	62,3	27,8	8,7
	2012	162611,1	12,0	57,8	30,2	9,2
	2013	161130,3	14,6	55,1	30,3	9,0
	2014	213929,8	14,8	54,7	30,5	9,0
	2015	362310,0	16,9	50,6	32,5	9,4
	2016	403977,7	13,1	51,3	35,6	11,3
Industry	2010	1159231,4	64,3	31,1	4,6	1,1
	2011	1464792,1	67,5	28,3	4,2	0,9
	2012	1498929,7	64,7	30,5	4,8	1,0
	2013	1473091,5	63,4	31,4	5,2	1,2
	2014	1546614,9	60,3	34,4	5,3	1,1
	2015	1887535,4	57,1	36,6	6,3	1,4
	2016	2249130,7	54,8	38,7	6,5	1,5
Construction	2010	96725,3	6,4	55,7	37,9	12,9
	2011	120419,5	9,6	55,9	34,5	10,0
	2012	155790,7	8,7	54,7	36,6	10,8
	2013	141125,7	11,2	49,3	39,5	12,0
	2014	150466,6	7,0	60,9	32,1	10,6
	2015	142871,9	13,4	42,3	44,3	16,2
	2016	168344,2	8,2	43,4	48,4	18,3

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Volume of the sold products (goods, services)				
		total, mln. UAH	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	1406132,7	29,3	45,6	25,1	8,0
	2011	1587116,5	30,7	46,7	22,6	7,2
	2012	1623609,6	29,6	48,3	22,1	7,2
	2013	1612134,4	30,7	47,7	21,6	7,1
	2014	1629690,6	32,2	45,1	22,7	7,7
	2015	1953257,7	28,9	47,7	23,4	8,1
	2016	2414132,9	28,2	45,8	26,0	9,5
Transportation and storage, postal and courier activities	2010	143791,5	60,9	28,5	10,6	3,2
	2011	184764,3	62,3	26,5	11,2	3,7
	2012	212299,8	58,0	28,7	13,3	4,2
	2013	207138,3	57,2	28,8	14,0	4,7
	2014	203561,3	53,0	32,7	14,3	4,8
	2015	293959,4	52,1	34,3	13,6	4,6
	2016	360613,2	52,4	34,2	13,4	4,8
Accommodation and food service activities	2010	11613,4	13,1	55,7	31,2	9,2
	2011	12940,7	... ²	... ²	31,5	9,4
	2012	16519,3	... ²	... ²	30,9	9,5
	2013	16726,9	... ²	... ²	31,2	9,3
	2014	14346,3	... ²	... ²	30,7	8,9
	2015	18250,0	... ²	... ²	29,4	8,8
	2016	21898,1	... ²	... ²	32,9	10,3
Information and communication	2010	65925,6	49,8	29,9	20,3	7,4
	2011	74348,2	48,5	31,0	20,5	7,2
	2012	79354,9	50,0	28,6	21,4	7,3
	2013	80410,4	48,8	30,1	21,1	7,5
	2014	84103,6	43,3	34,2	22,5	7,8
	2015	100590,4	38,3	36,0	25,7	9,4
	2016	116384,5	34,2	36,8	29,0	11,6

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Volume of the sold products (goods, services)				
		total, mln. UAH	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	165569,8	6,2	87,8	6,0	1,3
	2011	169004,7	5,6	89,0	5,4	1,4
	2012	164141,6	2,9	91,8	5,3	1,2
	2013	92238,4	4,4	85,6	10,0	2,3
	2014	58597,0	... ²	... ²	14,7	3,3
	2015	74175,6	... ²	... ²	15,6	2,7
	2016	57481,0	... ²	... ²	27,5	7,6
Real estate activities	2010	36482,9	... ²	... ²	57,3	20,3
	2011	40094,2	... ²	... ²	51,1	19,5
	2012	53105,1	3,4	44,7	51,9	21,3
	2013	50218,0	4,6	36,7	58,7	26,4
	2014	55103,9	... ²	... ²	57,0	25,0
	2015	75284,6	... ²	... ²	51,8	22,0
	2016	79824,7	... ²	... ²	58,8	27,6
Professional, scientific and technical activities	2010	143937,3	64,6	18,4	17,0	6,6
	2011	165042,5	67,0	18,8	14,2	5,3
	2012	176578,8	57,6	25,7	16,7	7,0
	2013	152777,2	51,0	29,6	19,4	8,2
	2014	145645,5	58,1	23,2	18,7	8,0
	2015	180668,7	63,1	18,8	18,1	7,5
	2016	258957,4	... ²	... ²	15,4	6,7
Administrative and support service activities	2010	23768,9	... ²	... ²	45,2	16,0
	2011	29861,8	5,3	55,0	39,7	14,2
	2012	38887,3	... ²	... ²	37,2	13,6
	2013	37078,2	... ²	... ²	39,8	14,9
	2014	41289,3	11,5	54,8	33,7	12,4
	2015	49242,3	... ²	... ²	38,0	12,8
	2016	59146,4	10,2	50,1	39,7	14,5

ACTIVITY OF ENTERPRISES

Table 25.5 continued

	Year	Volume of the sold products (goods, services)				
		total, mln. UAH	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	1552,2	... ²	... ²	38,9	13,4
	2011	1665,3	—	53,1	46,9	17,9
	2012	1787,1	—	43,9	56,1	20,8
	2013	1786,8	—	39,3	60,7	20,7
	2014	1591,0	—	41,6	58,4	19,1
	2015	1975,6	—	42,8	57,2	19,8
	2016	2274,4	—	40,8	59,2	24,0
Human health and social work activities	2010	6523,4	—	76,2	23,8	6,2
	2011	7253,5	—	73,7	26,3	7,1
	2012	8390,1	—	73,2	26,8	6,8
	2013	9193,7	—	72,7	27,3	6,2
	2014	7509,4	—	69,5	30,5	7,2
	2015	10573,2	—	71,7	28,3	6,1
	2016	13903,0	—	71,3	28,7	6,0
Arts, entertainment and recreation	2010	2789,8	... ²	... ²	26,5	11,4
	2011	4359,6	... ²	... ²	23,4	8,7
	2012	7916,3	39,8	47,1	13,1	7,0
	2013	12527,8	25,0	65,1	9,9	5,0
	2014	15595,0	27,0	65,8	7,2	3,4
	2015	4995,1	39,6	33,9	26,5	12,6
	2016	4785,9	... ²	... ²	38,1	17,1
Other services	2010	2292,6	—	42,3	57,7	22,3
	2011	2615,3	—	39,9	60,1	23,2
	2012	3248,2	—	35,2	64,8	24,6
	2013	2637,4	—	32,3	67,7	30,1
	2014	2615,7	—	39,9	60,1	28,8
	2015	3377,2	—	46,1	53,9	23,2
	2016	3875,3	—	34,9	65,1	29,8

¹ See the footnote to Table 25.4

² 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

ACTIVITY OF ENTERPRISES

**25.6. Share of indicators of activity of large, medium, small and micro enterprises
in general indicators of enterprises, by type of economic activity***(percent)*

	Year	Number of enterprises				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	13,4	2,2	16,4	13,2	14,3
	2011	11,1	2,4	15,8	10,8	11,2
	2012	13,1	3,7	15,6	12,9	13,7
	2013	12,7	4,1	15,5	12,5	13,0
	2014	13,5	5,6	16,3	13,4	13,8
	2015	13,6	6,8	16,7	13,5	13,8
	2016	14,7	5,2	16,9	14,6	15,1
Industry	2010	12,6	59,2	29,1	11,6	10,2
	2011	12,6	61,8	28,9	11,6	10,2
	2012	11,9	58,7	28,7	10,8	9,2
	2013	12,5	58,0	29,5	11,6	10,2
	2014	12,4	58,2	30,1	11,4	10,1
	2015	12,4	55,1	30,9	11,5	10,2
	2016	12,8	53,9	31,0	11,8	10,4
Construction	2010	10,1	1,7	7,2	10,3	10,2
	2011	10,0	1,5	7,0	10,2	10,1
	2012	9,3	1,7	6,9	9,5	9,2
	2013	9,2	2,0	6,4	9,4	9,2
	2014	8,7	0,8	5,8	8,9	8,8
	2015	8,5	1,2	5,2	8,7	8,6
	2016	8,0	0,8	5,2	8,1	8,0

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of enterprises				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	29,1	26,3	19,5	29,6	30,3
	2011	29,7	24,4	20,0	30,3	31,3
	2012	28,4	24,8	19,6	29,0	29,8
	2013	28,1	24,9	19,5	28,5	29,2
	2014	27,6	25,4	18,9	28,0	28,7
	2015	27,3	25,1	17,9	27,7	28,4
	2016	26,8	29,8	18,0	27,3	28,0
Transportation and storage, postal and courier activities	2010	3,6	5,6	5,9	3,5	3,1
	2011	3,9	5,2	6,2	3,8	3,5
	2012	4,2	5,3	6,4	4,1	3,8
	2013	4,3	5,6	6,8	4,1	3,9
	2014	4,4	5,6	7,1	4,2	4,0
	2015	4,4	7,6	7,3	4,3	4,0
	2016	4,5	5,8	7,4	4,3	4,1
Accommodation and food service activities	2010	2,6	0,5	2,0	2,6	2,5
	2011	2,6	0,3	2,1	2,7	2,5
	2012	2,6	0,3	2,2	2,6	2,5
	2013	2,6	0,1	2,3	2,6	2,5
	2014	2,3	0,2	1,8	2,3	2,3
	2015	2,2	0,2	1,6	2,3	2,2
	2016	2,1	0,3	1,6	2,2	2,1
Information and communication	2010	3,5	1,5	2,0	3,6	3,6
	2011	3,8	1,5	2,1	3,9	4,0
	2012	3,7	1,9	2,0	3,8	3,8
	2013	3,8	1,8	2,1	3,9	3,9
	2014	3,9	1,2	2,4	4,0	4,0
	2015	4,0	1,4	2,2	4,0	4,1
	2016	3,9	1,6	2,3	4,0	4,0

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of enterprises				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	1,5	1,4	2,1	1,5	1,5
	2011	1,5	1,2	2,2	1,5	1,5
	2012	1,4	1,6	2,5	1,3	1,3
	2013	1,3	1,2	1,9	1,2	1,2
	2014	1,3	0,2	2,0	1,3	1,2
	2015	1,3	0,2	1,9	1,2	1,2
	2016	1,2	0,3	1,8	1,2	1,2
Real estate activities	2010	7,3	0,2	3,5	7,5	7,7
	2011	7,7	0,2	3,5	7,9	8,2
	2012	8,8	0,4	3,5	9,1	9,7
	2013	8,9	0,4	3,2	9,2	9,8
	2014	9,1	0,2	3,0	9,5	10,0
	2015	9,5	0,5	3,2	9,8	10,4
	2016	9,8	0,3	2,8	10,2	10,9
Professional, scientific and technical activities	2010	8,5	0,7	4,5	8,7	9,2
	2011	8,8	0,9	4,4	9,0	9,6
	2012	8,5	1,0	4,3	8,7	9,3
	2013	8,6	0,9	4,3	8,9	9,4
	2014	8,8	1,2	4,4	9,0	9,6
	2015	8,7	0,7	4,1	8,9	9,4
	2016	8,1	0,5	3,8	8,4	8,9
Administrative and support service activities	2010	4,2	0,2	5,0	4,2	3,9
	2011	4,5	0,5	5,1	4,4	4,3
	2012	4,4	0,2	5,5	4,4	4,2
	2013	4,4	0,5	5,8	4,4	4,1
	2014	4,4	0,6	5,6	4,4	4,1
	2015	4,6	0,5	5,8	4,5	4,3
	2016	4,5	1,0	5,8	4,4	4,1

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of enterprises				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	0,6	0,2	0,5	0,7	0,6
	2011	0,7	—	0,4	0,7	0,6
	2012	0,6	—	0,4	0,6	0,6
	2013	0,6	—	0,4	0,6	0,6
	2014	0,6	—	0,4	0,6	0,6
	2015	0,6	—	0,4	0,6	0,6
	2016	0,6	—	0,4	0,6	0,6
Human health and social work activities	2010	1,2	—	1,4	1,2	1,1
	2011	1,3	—	1,4	1,3	1,2
	2012	1,3	—	1,4	1,3	1,1
	2013	1,2	—	1,4	1,2	1,1
	2014	1,2	—	1,3	1,2	1,0
	2015	1,2	—	1,7	1,2	1,0
	2016	1,3	—	1,9	1,3	1,0
Arts, entertainment and recreation	2010	0,6	0,3	0,5	0,5	0,6
	2011	0,6	0,1	0,5	0,6	0,6
	2012	0,5	0,4	0,7	0,6	0,5
	2013	0,6	0,5	0,6	0,6	0,6
	2014	0,6	0,8	0,6	0,6	0,6
	2015	0,6	0,7	0,8	0,6	0,6
	2016	0,6	0,5	0,8	0,5	0,5
Other services	2010	1,2	—	0,4	1,3	1,2
	2011	1,2	—	0,4	1,3	1,2
	2012	1,3	—	0,3	1,3	1,3
	2013	1,2	—	0,3	1,3	1,3
	2014	1,2	—	0,3	1,2	1,2
	2015	1,1	—	0,3	1,2	1,2
	2016	1,1	—	0,3	1,1	1,1

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of persons employed				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	9,7	1,4	15,2	10,2	12,2
	2011	9,2	1,6	14,7	9,5	8,6
	2012	9,3	1,8	14,2	10,7	10,3
	2013	9,3	1,6	13,6	11,9	11,6
	2014	10,0	2,4	13,5	12,9	13,6
	2015	10,2	2,8	13,3	12,9	12,9
	2016	10,6	2,4	13,8	13,4	13,9
Industry	2010	38,9	58,4	39,2	16,6	11,0
	2011	39,1	58,6	38,9	16,5	11,1
	2012	39,4	58,7	39,3	16,4	11,0
	2013	39,5	57,3	40,3	17,2	11,6
	2014	38,6	55,3	40,2	17,0	11,3
	2015	38,2	51,3	42,2	17,5	11,9
	2016	37,3	49,0	42,7	17,3	11,5
Construction	2010	5,9	0,5	6,1	11,5	10,9
	2011	5,6	0,5	6,0	10,7	10,2
	2012	5,3	0,4	6,0	10,4	9,6
	2013	5,0	0,4	5,5	9,7	9,1
	2014	4,5	0,1	4,9	9,0	8,8
	2015	4,2	0,2	4,2	8,7	8,7
	2016	4,2	0,2	3,9	8,6	8,4

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of persons employed				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	15,6	10,9	12,7	25,4	29,2
	2011	16,0	11,2	13,1	26,1	31,3
	2012	15,5	12,1	12,4	24,6	29,0
	2013	15,6	13,3	12,2	23,5	27,7
	2014	16,1	14,7	12,7	23,3	26,9
	2015	15,7	14,5	12,2	22,9	26,8
	2016	16,4	15,9	12,1	23,4	27,2
Transportation and storage, postal and courier activities	2010	11,7	23,3	7,9	4,6	3,4
	2011	11,8	22,5	8,3	4,9	3,9
	2012	12,2	21,9	8,9	5,6	4,4
	2013	12,3	22,4	8,9	5,5	4,4
	2014	12,1	22,4	8,8	5,7	4,6
	2015	13,2	27,2	8,6	5,5	4,5
	2016	13,2	28,7	8,5	5,5	4,4
Accommodation and food service activities	2010	1,7	0,3	1,7	3,2	3,1
	2011	1,7	... ²	... ²	3,1	3,0
	2012	1,8	... ²	... ²	3,2	3,0
	2013	1,8	... ²	... ²	3,1	2,9
	2014	1,6	... ²	... ²	2,8	2,6
	2015	1,5	... ²	... ²	2,7	2,4
	2016	1,5	... ²	... ²	2,6	2,4
Information and communication	2010	2,9	3,8	1,8	3,7	4,0
	2011	3,0	3,5	2,0	3,9	4,2
	2012	2,9	3,4	1,7	4,0	4,2
	2013	2,9	3,2	2,0	4,0	4,3
	2014	3,1	3,2	2,3	4,1	4,3
	2015	2,8	2,7	2,1	4,1	4,4
	2016	2,7	2,5	2,1	4,0	4,3

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of persons employed				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	1,0	0,8	1,1	1,2	1,4
	2011	1,0	0,8	1,1	1,2	1,5
	2012	0,9	0,6	1,0	1,1	1,3
	2013	0,9	0,4	1,1	1,1	1,2
	2014	1,0	... ²	... ²	1,1	1,3
	2015	0,9	... ²	... ²	1,1	1,2
	2016	1,1	... ²	... ²	1,1	1,3
Real estate activities	2010	3,1	... ²	... ²	7,2	7,9
	2011	2,9	... ²	... ²	7,1	8,1
	2012	2,8	0,1	2,1	7,2	9,3
	2013	2,7	0,1	1,8	7,2	9,3
	2014	2,7	... ²	... ²	7,3	9,2
	2015	2,9	... ²	... ²	7,8	9,9
	2016	2,8	... ²	... ²	7,6	9,9
Professional, scientific and technical activities	2010	3,8	0,3	4,2	7,1	9,0
	2011	3,7	0,4	4,0	7,2	9,3
	2012	3,7	0,5	4,0	7,0	9,3
	2013	3,6	0,5	3,7	7,0	9,4
	2014	3,7	0,7	3,7	7,0	9,2
	2015	3,5	0,4	3,4	6,8	9,0
	2016	3,4	... ²	... ²	6,6	8,5
Administrative and support service activities	2010	3,3	... ²	... ²	5,0	3,8
	2011	3,5	0,5	4,8	5,1	4,2
	2012	3,7	... ²	... ²	5,3	4,2
	2013	4,0	... ²	... ²	5,4	4,2
	2014	4,3	0,3	6,4	5,5	4,1
	2015	4,2	... ²	... ²	5,4	4,2
	2016	4,1	0,4	5,6	5,3	4,1

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of persons employed				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	0,4	... ²	... ²	0,8	0,7
	2011	0,4	—	0,5	0,8	0,8
	2012	0,3	—	0,4	0,7	0,7
	2013	0,3	—	0,3	0,7	0,7
	2014	0,3	—	0,3	0,7	0,7
	2015	0,3	—	0,3	0,8	0,7
	2016	0,3	—	0,2	0,7	0,7
Human health and social work activities	2010	1,1	—	1,7	1,5	1,4
	2011	1,2	—	1,7	1,9	1,7
	2012	1,2	—	1,7	1,9	1,7
	2013	1,2	—	1,7	1,9	1,6
	2014	1,1	—	1,3	1,9	1,5
	2015	1,5	—	2,0	2,1	1,6
	2016	1,5	—	2,1	2,2	1,6
Arts, entertainment and recreation	2010	0,4	... ²	... ²	0,5	0,5
	2011	0,4	... ²	... ²	0,5	0,5
	2012	0,5	0,2	0,6	0,5	0,5
	2013	0,5	0,3	0,6	0,5	0,5
	2014	0,5	0,4	0,6	0,5	0,5
	2015	0,5	0,2	0,7	0,6	0,5
	2016	0,5	... ²	... ²	0,6	0,5
Other services	2010	0,5	—	0,3	1,5	1,5
	2011	0,5	—	0,3	1,5	1,6
	2012	0,5	—	0,2	1,4	1,5
	2013	0,4	—	0,2	1,3	1,5
	2014	0,4	—	0,2	1,2	1,4
	2015	0,4	—	0,2	1,1	1,3
	2016	0,4	—	0,2	1,1	1,3

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of employees				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	9,3	1,4	15,2	8,6	8,0
	2011	9,2	1,6	14,7	9,7	8,8
	2012	9,2	1,8	14,2	10,6	10,1
	2013	9,0	1,6	13,6	10,8	10,1
	2014	9,6	2,4	13,5	11,7	10,8
	2015	9,9	2,8	13,3	12,0	10,5
	2016	10,2	2,4	13,8	12,2	11,0
Industry	2010	39,3	58,4	39,2	17,2	11,8
	2011	39,4	58,6	38,9	16,7	11,3
	2012	39,8	58,7	39,3	16,6	10,6
	2013	40,0	57,3	40,3	17,6	12,0
	2014	39,1	55,3	40,2	17,5	11,7
	2015	38,8	51,3	42,2	18,1	12,4
	2016	37,8	49,0	42,7	17,7	12,0
Construction	2010	5,9	0,5	6,1	11,8	11,5
	2011	5,5	0,5	6,0	10,7	10,2
	2012	5,3	0,4	6,0	10,4	9,6
	2013	5,0	0,4	5,5	9,9	9,3
	2014	4,5	0,1	4,9	9,1	9,0
	2015	4,1	0,2	4,2	8,7	8,9
	2016	4,2	0,2	3,9	8,8	8,8

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of employees				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	15,5	10,9	12,7	25,6	30,4
	2011	15,8	11,2	13,1	25,9	31,0
	2012	15,4	12,1	12,4	24,4	29,2
	2013	15,5	13,3	12,2	23,6	28,2
	2014	16,0	14,7	12,7	23,5	27,9
	2015	15,6	14,5	12,2	22,9	27,4
	2016	16,3	15,9	12,1	23,6	28,2
Transportation and storage, postal and courier activities	2010	11,8	23,3	7,9	4,7	3,6
	2011	11,9	22,5	8,3	4,9	3,9
	2012	12,3	21,9	8,9	5,5	4,4
	2013	12,5	22,4	8,9	5,7	4,6
	2014	12,2	22,4	8,8	5,8	4,8
	2015	13,4	27,2	8,6	5,7	4,7
	2016	13,4	28,7	8,5	5,6	4,7
Accommodation and food service activities	2010	1,7	0,3	1,7	3,3	3,2
	2011	1,6	... ²	... ²	3,2	3,0
	2012	1,8	... ²	... ²	3,2	3,1
	2013	1,8	... ²	... ²	3,1	2,9
	2014	1,6	... ²	... ²	2,8	2,6
	2015	1,5	... ²	... ²	2,7	2,5
	2016	1,5	... ²	... ²	2,7	2,5
Information and communication	2010	3,0	3,8	1,8	3,8	4,2
	2011	3,0	3,5	2,0	3,9	4,2
	2012	2,8	3,4	1,7	4,0	4,3
	2013	2,9	3,2	2,0	4,0	4,4
	2014	3,1	3,2	2,3	4,2	4,5
	2015	2,8	2,7	2,1	4,2	4,6
	2016	2,7	2,5	2,1	4,0	4,4

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of employees				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	1,0	0,8	1,1	1,2	1,5
	2011	1,0	0,8	1,1	1,2	1,5
	2012	0,9	0,6	1,0	1,1	1,3
	2013	0,8	0,4	1,1	1,1	1,3
	2014	1,0	... ²	... ²	1,1	1,3
	2015	0,9	... ²	... ²	1,1	1,2
	2016	1,1	... ²	... ²	1,1	1,3
Real estate activities	2010	3,0	... ²	... ²	7,2	8,1
	2011	2,9	... ²	... ²	7,0	8,0
	2012	2,8	0,1	2,1	7,3	9,3
	2013	2,6	0,1	1,8	7,1	9,3
	2014	2,7	... ²	... ²	7,3	9,4
	2015	2,7	... ²	... ²	7,7	10,1
	2016	2,7	... ²	... ²	7,5	9,9
Professional, scientific and technical activities	2010	3,7	0,3	4,2	7,1	9,3
	2011	3,7	0,4	4,0	7,1	9,3
	2012	3,6	0,5	4,0	7,0	9,4
	2013	3,5	0,5	3,7	6,9	9,3
	2014	3,6	0,7	3,7	7,0	9,5
	2015	3,4	0,4	3,4	6,7	9,0
	2016	3,3	... ²	... ²	6,6	8,8
Administrative and support service activities	2010	3,3	... ²	... ²	5,1	4,0
	2011	3,5	0,5	4,8	5,0	4,2
	2012	3,7	... ²	... ²	5,3	4,3
	2013	4,0	... ²	... ²	5,6	4,2
	2014	4,3	0,3	6,4	5,6	4,2
	2015	4,2	... ²	... ²	5,5	4,2
	2016	4,1	0,4	5,6	5,4	4,2

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Number of employees				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	0,4	... ²	... ²	0,8	0,8
	2011	0,4	—	0,5	0,8	0,8
	2012	0,3	—	0,4	0,8	0,7
	2013	0,3	—	0,3	0,8	0,7
	2014	0,3	—	0,3	0,7	0,7
	2015	0,3	—	0,3	0,8	0,8
	2016	0,3	—	0,2	0,8	0,7
Human health and social work activities	2010	1,2	—	1,7	1,6	1,5
	2011	1,2	—	1,7	1,9	1,7
	2012	1,2	—	1,7	1,9	1,7
	2013	1,2	—	1,7	2,0	1,7
	2014	1,1	—	1,3	2,0	1,6
	2015	1,5	—	2,0	2,2	1,8
	2016	1,5	—	2,1	2,3	1,7
Arts, entertainment and recreation	2010	0,4	... ²	... ²	0,5	0,5
	2011	0,4	... ²	... ²	0,5	0,5
	2012	0,5	0,2	0,6	0,5	0,4
	2013	0,5	0,3	0,6	0,5	0,5
	2014	0,5	0,4	0,6	0,5	0,5
	2015	0,5	0,2	0,7	0,6	0,5
	2016	0,5	... ²	... ²	0,6	0,5
Other services	2010	0,5	—	0,3	1,5	1,6
	2011	0,5	—	0,3	1,5	1,6
	2012	0,4	—	0,2	1,4	1,6
	2013	0,4	—	0,2	1,3	1,5
	2014	0,4	—	0,2	1,2	1,5
	2015	0,4	—	0,2	1,1	1,4
	2016	0,4	—	0,2	1,1	1,3

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Volume of the sold products (goods, services)				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	3,0	0,8	4,7	4,0	5,5
	2011	3,2	0,7	4,9	5,8	5,8
	2012	3,9	1,1	5,3	7,3	7,0
	2013	4,0	1,4	5,3	7,3	6,7
	2014	5,1	1,8	6,8	9,3	8,4
	2015	7,0	3,0	8,4	12,6	11,1
	2016	6,5	2,2	8,0	11,7	10,7
Industry	2010	34,4	53,2	25,8	9,5	6,8
	2011	36,7	55,7	25,8	10,2	7,3
	2012	35,7	55,1	25,9	10,6	6,8
	2013	36,4	54,4	27,8	11,5	8,0
	2014	37,1	53,5	30,8	11,6	7,4
	2015	36,6	52,5	31,9	12,6	8,7
	2016	36,2	51,6	33,4	12,0	7,9
Construction	2010	2,9	0,4	3,9	6,4	6,8
	2011	3,0	0,7	4,2	6,8	6,4
	2012	3,7	0,8	4,8	8,5	7,9
	2013	3,5	0,9	4,2	8,3	7,8
	2014	3,6	0,6	5,3	6,9	6,9
	2015	2,8	0,9	2,8	6,7	7,5
	2016	2,7	0,6	2,8	6,7	7,2

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Volume of the sold products (goods, services)				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	41,8	29,4	45,9	62,0	61,7
	2011	39,8	27,4	46,2	59,0	60,3
	2012	38,6	27,3	44,3	53,3	54,9
	2013	39,8	28,9	46,3	51,8	52,9
	2014	39,1	30,1	42,6	52,4	54,7
	2015	37,9	27,5	42,9	48,8	51,3
	2016	38,8	28,5	42,5	51,2	53,5
Transportation and storage, postal and courier activities	2010	4,3	6,3	2,9	2,7	2,5
	2011	4,6	6,5	3,0	3,4	3,6
	2012	5,0	7,0	3,4	4,2	4,2
	2013	5,1	6,9	3,6	4,3	4,5
	2014	4,9	6,2	3,9	4,1	4,2
	2015	5,7	7,5	4,7	4,3	4,4
	2016	5,8	7,9	4,7	3,9	4,0
Accommodation and food service activities	2010	0,3	0,1	0,5	0,6	0,6
	2011	0,3	... ²	... ²	0,7	0,7
	2012	0,4	... ²	... ²	0,8	0,7
	2013	0,4	... ²	... ²	0,8	0,7
	2014	0,3	... ²	... ²	0,6	0,6
	2015	0,4	... ²	... ²	0,6	0,5
	2016	0,4	... ²	... ²	0,6	0,5
Information and communication	2010	1,9	2,4	1,4	2,4	2,7
	2011	1,9	2,0	1,4	2,5	2,8
	2012	1,9	2,2	1,3	2,5	2,7
	2013	2,0	2,3	1,5	2,5	2,8
	2014	2,0	2,1	1,7	2,7	2,9
	2015	1,9	1,9	1,7	2,8	3,1
	2016	1,9	1,7	1,6	2,8	3,2

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Volume of the sold products (goods, services)				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	4,9	0,7	10,4	1,8	1,2
	2011	4,2	0,5	9,4	1,5	1,2
	2012	3,9	0,3	8,5	1,3	0,9
	2013	2,3	0,2	4,7	1,4	1,0
	2014	1,4	... ²	... ²	1,2	0,8
	2015	1,4	... ²	... ²	1,2	0,7
	2016	0,9	... ²	... ²	1,3	1,0
Real estate activities	2010	1,1	... ²	... ²	3,7	4,1
	2011	1,0	... ²	... ²	3,4	4,1
	2012	1,3	0,1	1,3	4,1	5,3
	2013	1,2	0,1	1,1	4,4	6,1
	2014	1,3	... ²	... ²	4,5	6,0
	2015	1,5	... ²	... ²	4,2	5,4
	2016	1,3	... ²	... ²	3,8	5,2
Professional, scientific and technical activities	2010	4,3	6,6	1,9	4,3	5,2
	2011	4,1	6,2	1,9	3,8	4,6
	2012	4,2	5,8	2,6	4,4	5,9
	2013	3,8	4,5	2,7	4,4	5,8
	2014	3,5	4,9	2,0	3,9	5,0
	2015	3,5	5,6	1,6	3,5	4,4
	2016	4,2	... ²	... ²	3,3	4,0
Administrative and support service activities	2010	0,7	... ²	... ²	1,9	2,1
	2011	0,8	0,1	1,0	2,0	2,2
	2012	0,9	... ²	... ²	2,1	2,5
	2013	0,9	... ²	... ²	2,2	2,5
	2014	1,0	0,3	1,3	2,0	2,2
	2015	0,9	... ²	... ²	2,0	2,1
	2016	0,9	0,2	1,1	1,9	2,0

ACTIVITY OF ENTERPRISES

Table 25.6 continued

	Year	Volume of the sold products (goods, services)				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	0,0	... ²	... ²	0,1	0,1
	2011	0,0	—	0,1	0,1	0,2
	2012	0,0	—	0,0	0,1	0,2
	2013	0,0	—	0,0	0,2	0,2
	2014	0,0	—	0,0	0,1	0,1
	2015	0,0	—	0,0	0,1	0,1
	2016	0,0	—	0,0	0,1	0,1
Human health and social work activities	2010	0,2	—	0,3	0,3	0,2
	2011	0,2	—	0,3	0,3	0,3
	2012	0,2	—	0,4	0,3	0,3
	2013	0,2	—	0,4	0,4	0,3
	2014	0,2	—	0,3	0,3	0,3
	2015	0,2	—	0,3	0,3	0,2
	2016	0,2	—	0,4	0,3	0,2
Arts, entertainment and recreation	2010	0,1	... ²	... ²	0,1	0,2
	2011	0,1	... ²	... ²	0,2	0,2
	2012	0,2	0,2	0,2	0,2	0,3
	2013	0,3	0,2	0,5	0,2	0,3
	2014	0,4	0,2	0,6	0,2	0,2
	2015	0,1	0,1	0,1	0,1	0,2
	2016	0,1	... ²	... ²	0,2	0,2
Other services	2010	0,1	—	0,1	0,2	0,3
	2011	0,1	—	0,1	0,3	0,3
	2012	0,1	—	0,1	0,3	0,4
	2013	0,1	—	0,0	0,3	0,4
	2014	0,1	—	0,1	0,2	0,3
	2015	0,1	—	0,1	0,2	0,3
	2016	0,1	—	0,1	0,2	0,3

¹ See the footnote to Table 25.4

² See the second footnote to Table 25.5

ACTIVITY OF ENTERPRISES

FINANCE OF THE ENTERPRISES

25.7. Enterprise balance sheets,

		Assets		
		fixed assets	working assets	fixed assets and groups disposal
Total	2012	2456015,1	2961086,7	2584,3
	2013	2639813,2	3069041,5	3420,1
	2014	2717620,4	3271954,0	4691,2
	2015	3960148,9	4108602,7	5031,8
	2016	4308986,5	5803806,8	6161,5
Agriculture, forestry and fishing	2012	101829,6	174753,1	69,1
	2013	117942,3	195021,3	133,2
	2014	123008,8	267541,1	57,1
	2015	171147,0	514624,6	73,3
	2016	220563,4	1312616,1	80,0
Industry	2012	957255,7	798152,2	407,9
	2013	1032951,9	838708,6	575,4
	2014	1068053,3	942236,5	627,5
	2015	1154166,1	1201590,5	729,7
	2016	1276042,5	1499153,6	798,1
Construction	2012	95514,6	165004,0	318,1
	2013	106121,6	186205,6	690,0
	2014	95954,5	173151,8	468,3
	2015	98109,7	213041,2	610,1
	2016	112047,4	217742,6	724,1
Wholesale and retail trade; repair of motor vehicles and motorcycles	2012	186704,4	925941,5	373,6
	2013	217565,2	930514,9	552,7
	2014	202201,2	968579,8	327,1
	2015	210930,3	1186489,7	539,2
	2016	306911,5	1590128,3	577,2
Transportation and storage, postal and courier activities	2012	226885,8	114880,0	51,3
	2013	247983,0	126248,0	91,1
	2014	234921,7	134507,7	72,6
	2015	888430,3	184204,0	48,2
	2016	962463,9	312294,5	119,5
Accommodation and food service activities	2012	23481,2	10558,7	3,7
	2013	25571,8	11431,3	6,3
	2014	19211,0	8113,6	35,1
	2015	19958,6	9700,9	30,0
	2016	20793,3	12131,8	35,4
Information and communication	2012	65960,6	36938,0	363,9
	2013	51095,4	38709,2	316,5
	2014	47588,2	45246,7	1585,2
	2015	130590,3	55162,5	1099,7
	2016	70471,8	58072,0	1425,3

¹ See the footnote to Table 25.4

ACTIVITY OF ENTERPRISES

by type of economic activity¹

(end of the year; mln. UAH)

own capital	Liabilities			Balance
	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets and disposal groups and net assets of private pension funds	
1904940,2	1010354,4	2502635,1	1756,4	5419686,1
1950374,9	1070722,1	2689338,2	1839,6	5712274,8
1480658,0	1359925,7	3151253,0	2428,9	5994265,6
2288741,4	1668158,0	4114903,2	1980,8	8073783,4
2560460,8	1704576,3	5851489,5	2428,2	10118954,8
148147,8	35268,0	93160,2	75,8	276651,8
156820,0	43031,6	113181,0	64,2	313096,8
163931,7	62975,4	163616,6	83,3	390607,0
275303,8	68127,2	342359,0	54,9	685844,9
368910,3	64074,2	1100216,8	58,2	1533259,5
680359,3	354235,7	720813,4	407,4	1755815,8
721155,3	367043,2	783892,3	145,1	1872235,9
579218,9	473198,4	958459,4	40,6	2010917,3
479066,6	584261,0	1293137,5	21,2	2356486,3
509703,4	577387,1	1688872,5	31,2	2775994,2
29522,5	76563,6	154437,3	313,3	260836,7
32190,8	86076,6	174428,6	321,2	293017,2
3144,7	97502,4	168905,3	22,2	269574,6
-16038,1	105550,8	222228,6	19,7	311761,0
-13520,5	114495,5	229526,5	12,6	330514,1
106525,9	156391,9	849708,4	393,3	1113019,5
97560,1	167983,4	882789,9	299,4	1148632,8
-24005,6	199211,5	995878,1	24,1	1171108,1
-67325,4	253026,1	1212225,4	33,1	1397959,2
56501,7	267389,1	1573652,5	73,7	1897617,0
173184,5	62496,8	106075,8	60,0	341817,1
179355,1	68149,1	126787,7	30,2	374322,1
151337,3	67488,4	150659,0	17,3	369502,0
724823,9	141661,5	206186,6	10,5	1072682,5
785007,6	161395,7	328461,5	13,1	1274877,9
12394,5	10578,5	11057,0	13,6	34043,6
13786,0	9798,2	13404,1	21,1	37009,4
3333,9	11071,7	12953,8	0,3	27359,7
-3117,3	15543,2	17263,1	0,5	29689,5
-4801,1	18436,3	19324,9	0,4	32960,5
41368,0	17972,1	43848,3	74,1	103262,5
29443,8	20703,3	39956,5	17,5	90121,1
3896,9	30147,0	60366,7	9,5	94420,1
77272,7	40623,6	68954,9	1,3	186852,5
14171,4	46501,2	69292,2	4,3	129969,1

ACTIVITY OF ENTERPRISES

	Assets		
	fixed assets	working assets	fixed assets and groups disposal
Financial and insurance activities			
2012	99856,1	320694,2	259,4
2013	84052,2	282358,9	184,1
2014	102372,9	232275,7	685,3
2015	98196,3	225735,1	782,7
2016	104372,6	196854,2	1344,6
Real estate activities			
2012	280833,5	132249,0	706,1
2013	300703,7	147607,3	693,8
2014	290723,2	161405,5	666,2
2015	301775,5	208436,1	803,9
2016	317290,1	234912,9	803,9
Professional, scientific and technical activities			
2012	183575,5	228134,5	14,4
2013	208276,2	255690,6	53,6
2014	332516,8	282812,7	26,3
2015	645393,0	235809,6	161,5
2016	660609,7	296163,4	93,6
Administrative and support service activities			
2012	198490,2	44139,6	15,5
2013	208392,5	43468,0	116,0
2014	164566,6	43862,9	129,9
2015	201416,8	58035,9	129,9
2016	218470,5	55727,7	141,7
Education			
2012	1669,8	653,9	0,2
2013	1714,5	642,3	0,2
2014	1670,9	635,7	1,5
2015	1881,2	798,3	0,2
2016	1961,4	965,7	0,1
Human health and social work activities			
2012	8950,9	2360,2	0,2
2013	9515,0	3073,2	1,7
2014	7086,9	2528,3	3,4
2015	8593,3	3097,3	2,1
2016	9850,7	4229,2	2,3
Arts, entertainment and recreation			
2012	21827,4	4902,3	0,5
2013	24948,7	7923,3	4,1
2014	24948,0	6744,3	5,1
2015	26261,0	8461,1	4,7
2016	22804,5	9809,4	15,6
Other services			
2012	3179,8	1725,5	0,4
2013	2979,2	1439,0	1,4
2014	2796,4	2311,7	0,6
2015	3299,5	3415,9	16,6
2016	4333,2	3005,4	0,1

ACTIVITY OF ENTERPRISES

Table 25.7 continued

Liabilities					Balance
own capital	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets and disposal groups and net assets of private pension funds		
227170,3	63731,6	129819,2	88,6		420809,7
204660,6	55704,8	105753,4	476,4		366595,2
128436,4	70422,8	134360,8	2113,9		335333,9
113577,3	76161,7	133204,5	1770,6		324714,1
106932,5	82975,2	110718,7	1945,0		302571,4
142620,7	118195,9	152733,1	238,9		413788,6
141389,5	142095,6	165098,5	421,2		449004,8
40629,1	201980,5	210077,3	108,0		452794,9
-13592,9	233117,3	291436,7	54,4		511015,5
-22101,9	235373,1	339680,5	55,2		553006,9
143877,9	85965,0	181803,3	78,2		411724,4
159850,7	81910,1	222226,9	32,7		464020,4
269093,5	112010,5	234247,4	4,4		615355,8
532552,8	109301,9	239502,2	7,2		881364,1
553890,8	95570,4	307171,8	233,7		956866,7
183342,3	15926,9	43363,8	12,3		242645,3
194169,8	16306,5	41492,7	7,5		251976,5
144932,3	20595,5	43029,2	2,4		208559,4
169299,1	24539,1	65738,7	5,7		259582,6
190265,1	23961,5	60112,8	0,5		274339,9
1651,0	94,8	578,0	0,1		2323,9
1666,8	144,7	545,1	0,4		2357,0
1673,8	98,3	535,1	0,9		2308,1
1629,5	233,1	817,1	0,0		2679,7
1761,0	222,0	944,2	0,0		2927,2
5392,9	2668,2	3249,8	0,4		11311,3
5692,9	2847,9	4047,5	1,6		12589,9
2858,1	3056,7	3703,4	0,4		9618,6
3451,8	3992,6	4248,0	0,3		11692,7
4013,1	4656,1	5412,7	0,3		14082,2
7852,8	9835,6	9041,6	0,2		26730,2
11194,8	8732,0	12948,4	0,9		32876,1
10868,1	9566,0	11262,6	0,7		31697,4
9776,8	11516,2	13432,8	1,0		34726,8
6606,9	11701,6	14321,0	0,0		32629,5
1529,8	429,8	2945,9	0,2		4905,7
1438,7	195,1	2785,6	0,2		4419,6
1308,9	600,6	3198,3	0,9		5108,7
2060,8	502,7	4168,1	0,4		6732,0
3120,5	437,3	3780,9	0,0		7338,7

ACTIVITY OF ENTERPRISES

25.8. Structure of enterprise balance sheets, by type of economic activity¹*(end of year; percent)*

	Assets			Liabilities			
	fixed assets	working assets	fixed assets and groups disposal	own capital	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets and disposal groups and net assets of private pension funds
Total							
2012	45,3	54,7	0,0	35,2	18,6	46,2	0,0
2013	46,2	53,7	0,1	34,2	18,7	47,1	0,0
2014	45,3	54,6	0,1	24,7	22,7	52,6	0,0
2015	49,0	50,9	0,1	28,3	20,7	51,0	0,0
2016	42,6	57,3	0,1	25,3	16,9	57,8	0,0
Agriculture, forestry and fishing							
2012	36,8	63,2	0,0	53,6	12,7	33,7	0,0
2013	37,7	62,3	0,0	50,1	13,7	36,2	0,0
2014	31,5	68,5	0,0	42,0	16,1	41,9	0,0
2015	25,0	75,0	0,0	40,2	9,9	49,9	0,0
2016	14,4	85,6	0,0	24,1	4,2	71,7	0,0
Industry							
2012	54,5	45,5	0,0	38,7	20,2	41,1	0,0
2013	55,2	44,8	0,0	38,5	19,6	41,9	0,0
2014	53,1	46,9	0,0	28,8	23,5	47,7	0,0
2015	49,0	51,0	0,0	20,3	24,8	54,9	0,0
2016	46,0	54,0	0,0	18,4	20,8	60,8	0,0
Construction							
2012	36,6	63,3	0,1	11,3	29,4	59,2	0,1
2013	36,2	63,6	0,2	11,0	29,4	59,5	0,1
2014	35,6	64,2	0,2	1,2	36,2	62,6	0,0
2015	31,5	68,3	0,2	-5,1	33,8	71,3	0,0
2016	33,9	65,9	0,2	-4,1	34,6	69,5	0,0

ACTIVITY OF ENTERPRISES

Table 25.8 continued

	Assets			Liabilities			
	fixed assets	working assets	fixed assets and groups disposal	own capital	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets and disposal groups and net assets of private pension funds
Wholesale and retail trade; repair of motor vehicles and motorcycles							
2012	16,8	83,2	0,0	9,6	14,1	76,3	0,0
2013	19,0	81,0	0,0	8,5	14,6	76,9	0,0
2014	17,3	82,7	0,0	-2,0	17,0	85,0	0,0
2015	15,1	84,9	0,0	-4,8	18,1	86,7	0,0
2016	16,2	83,8	0,0	3,0	14,1	82,9	0,0
Transportation and storage, postal and courier activities							
2012	66,4	33,6	0,0	50,7	18,3	31,0	0,0
2013	66,3	33,7	0,0	47,9	18,2	33,9	0,0
2014	63,6	36,4	0,0	40,9	18,3	40,8	0,0
2015	82,8	17,2	0,0	67,6	13,2	19,2	0,0
2016	75,5	24,5	0,0	61,6	12,6	25,8	0,0
Accommodation and food service activities							
2012	69,0	31,0	0,0	36,4	31,1	32,5	0,0
2013	69,1	30,9	0,0	37,2	26,5	36,2	0,1
2014	70,2	29,7	0,1	12,2	40,5	47,3	0,0
2015	67,2	32,7	0,1	-10,5	52,4	58,1	0,0
2016	63,1	36,8	0,1	-14,6	56,0	58,6	0,0
Information and communication							
2012	63,9	35,7	0,4	40,0	17,4	42,5	0,1
2013	56,7	42,9	0,4	32,7	23,0	44,3	0,0
2014	50,4	47,9	1,7	4,1	31,9	64,0	0,0
2015	69,9	29,5	0,6	41,4	21,7	36,9	0,0
2016	54,2	44,7	1,1	10,9	35,8	53,3	0,0

ACTIVITY OF ENTERPRISES

Table 25.8 continued

	Assets			Liabilities			
	fixed assets	working assets	fixed assets and groups disposal	own capital	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets and disposal groups and net assets of private pension funds
Financial and insurance activities							
2012	23,7	76,2	0,1	54,0	15,1	30,9	0,0
2013	22,9	77,0	0,1	55,8	15,2	28,9	0,1
2014	30,5	69,3	0,2	38,3	21,0	40,1	0,6
2015	30,3	69,5	0,2	35,0	23,5	41,0	0,5
2016	34,5	65,1	0,4	35,4	27,4	36,6	0,6
Real estate activities							
2012	67,9	31,9	0,2	34,5	28,6	36,9	0,0
2013	66,9	32,9	0,2	31,5	31,6	36,8	0,1
2014	64,2	35,7	0,1	9,0	44,6	46,4	0,0
2015	59,0	40,8	0,2	-2,7	45,6	57,1	0,0
2016	57,4	42,5	0,1	-4,0	42,6	61,4	0,0
Professional, scientific and technical activities							
2012	44,6	55,4	0,0	34,9	20,9	44,2	0,0
2013	44,9	55,1	0,0	34,4	17,7	47,9	0,0
2014	54,0	46,0	0,0	43,7	18,2	38,1	0,0
2015	73,2	26,8	0,0	60,4	12,4	27,2	0,0
2016	69,0	31,0	0,0	57,9	10,0	32,1	0,0
Administrative and support service activities							
2012	81,8	18,2	0,0	75,5	6,6	17,9	0,0
2013	82,7	17,3	0,0	77,0	6,5	16,5	0,0
2014	78,9	21,0	0,1	69,5	9,9	20,6	0,0
2015	77,6	22,3	0,1	65,2	9,5	25,3	0,0
2016	79,6	20,3	0,1	69,4	8,7	21,9	0,0

ACTIVITY OF ENTERPRISES

Table 25.8 continued

	Assets			Liabilities			
	fixed assets	working assets	fixed assets and groups disposal	own capital	long-term liabilities and provision	current liabilities and provision	obligations of fixed assets and disposal groups and net assets of private pension funds
Education							
2012	71,9	28,1	0,0	71,0	4,1	24,9	0,0
2013	72,7	27,3	0,0	70,7	6,2	23,1	0,0
2014	72,4	27,5	0,1	72,5	4,3	23,2	0,0
2015	70,2	29,8	0,0	60,8	8,7	30,5	0,0
2016	67,0	33,0	0,0	60,2	7,6	32,2	0,0
Human health and social work activities							
2012	79,1	20,9	0,0	47,7	23,6	28,7	0,0
2013	75,6	24,4	0,0	45,2	22,6	32,2	0,0
2014	73,7	26,3	0,0	29,7	31,8	38,5	0,0
2015	73,5	26,5	0,0	29,5	34,2	36,3	0,0
2016	70,0	30,0	0,0	28,5	33,1	38,4	0,0
Arts, entertainment and recreation							
2012	81,7	18,3	0,0	29,4	36,8	33,8	0,0
2013	75,9	24,1	0,0	34,0	26,6	39,4	0,0
2014	78,7	21,3	0,0	34,3	30,2	35,5	0,0
2015	75,6	24,4	0,0	28,1	33,2	38,7	0,0
2016	69,9	30,1	0,0	20,2	35,9	43,9	0,0
Other services							
2012	64,8	35,2	0,0	31,2	8,8	60,0	0,0
2013	67,4	32,6	0,0	32,6	4,4	63,0	0,0
2014	54,7	45,3	0,0	25,6	11,8	62,6	0,0
2015	49,0	50,8	0,2	30,6	7,5	61,9	0,0
2016	59,0	41,0	0,0	42,5	6,0	51,5	0,0

¹ See the footnote to Table 25.4

ACTIVITY OF ENTERPRISES

25.9. Financial outcome before taxation, by type of economic activity¹*(mln. UAH)*

	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises	
		percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome
Total					
2010	58334,0	59,0	212008,6	41,0	153674,6
2011	122210,0	65,1	272726,2	34,9	150516,2
2012	101884,7	64,5	277938,5	35,5	176053,8
2013	29283,2	65,9	234513,7	34,1	205230,5
2014	-523587,0	66,3	334517,3	33,7	858104,3
2015	-340126,6	73,7	475321,2	26,3	815447,8
2016	-22875,0	73,4	524157,0	26,6	547032,0
Agriculture, forestry and fishing					
2010	17291,8	69,5	22306,1	30,5	5014,3
2011	25565,9	83,0	30615,2	17,0	5049,3
2012	26992,7	78,3	33906,7	21,7	6914,0
2013	15147,3	79,9	26496,5	20,1	11349,2
2014	21677,4	84,2	52171,0	15,8	30493,6
2015	103137,6	88,5	128880,2	11,5	25742,6
2016	90661,0	87,8	103691,0	12,2	13030,0
Industry					
2010	31221,1	58,7	68933,1	41,3	37712,0
2011	58662,3	62,6	106688,2	37,4	48025,9
2012	21353,4	62,4	86504,1	37,6	65150,7
2013	13698,3	63,3	81336,9	36,7	67638,6
2014	-166414,0	63,3	76253,3	36,7	242667,3
2015	-181360,9	72,9	90315,9	27,1	271676,8
2016	-11841,0	72,7	140764,6	27,3	152605,6
Construction					
2010	-4418,2	55,3	4905,1	44,7	9323,3
2011	-3845,8	60,5	5373,0	39,5	9218,8
2012	-71,1	60,5	9139,1	39,5	9210,2
2013	-5126,6	62,3	5968,0	37,7	11094,6
2014	-27288,4	62,7	6295,7	37,3	33584,1
2015	-25074,1	71,1	5648,1	28,9	30722,2
2016	-8902,0	70,7	8958,7	29,3	17860,7

ACTIVITY OF ENTERPRISES

Table 25.9 continued

Table 25.9 continued

	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises	
		percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome
Wholesale and retail trade; repair of motor vehicles and motorcycles					
2010	14883,5	62,5	42655,9	37,5	27772,4
2011	21591,5	66,7	48487,9	33,3	26896,4
2012	9608,0	66,0	43877,8	34,0	34269,8
2013	-6047,5	67,2	36528,5	32,8	42576,0
2014	-128134,8	66,7	34360,9	33,3	162495,7
2015	-80564,3	76,1	56898,4	23,9	137462,7
2016	7115,8	75,7	71697,8	24,3	64582,0
Transportation and storage, postal and courier activities					
2010	5058,9	54,6	10387,7	45,4	5328,8
2011	8741,4	63,4	15692,2	36,6	6950,8
2012	7524,9	61,8	13946,5	38,2	6421,6
2013	834,3	63,1	9429,9	36,9	8595,6
2014	-19703,9	62,7	12775,3	37,3	32479,2
2015	-13921,8	70,9	23093,7	29,1	37015,5
2016	12239,0	71,6	28371,1	28,4	16132,1
Accommodation and food service activities					
2010	-548,1	57,3	619,8	42,7	1167,9
2011	-571,6	60,3	806,1	39,7	1377,7
2012	-862,5	58,9	858,7	41,1	1721,2
2013	-1270,5	59,5	788,3	40,5	2058,8
2014	-6579,0	59,5	370,2	40,5	6949,2
2015	-7094,4	71,9	771,4	28,1	7865,8
2016	-1863,4	71,6	1664,4	28,4	3527,8
Information and communication					
2010	4101,4	59,0	8168,5	41,0	4067,1
2011	4440,7	61,1	9774,6	38,9	5333,9
2012	6300,1	63,6	11641,6	36,4	5341,5
2013	6817,6	63,4	11668,3	36,6	4850,7
2014	-15373,9	64,8	11256,5	35,2	26630,4
2015	-10166,6	71,0	12057,3	29,0	22223,9
2016	4240,6	68,8	12492,1	31,2	8251,5

ACTIVITY OF ENTERPRISES

Table 25.9 continued

Table 25.9 continued					
	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises	
		percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome
Financial and insurance activities					
2010	15627,0	58,9	38445,2	41,1	22818,2
2011	12423,2	59,5	30617,1	40,5	18193,9
2012	37984,3	60,3	48666,4	39,7	10682,1
2013	24041,2	60,6	38534,3	39,4	14493,1
2014	35960,6	61,7	122137,3	38,3	86176,7
2015	−171,3	63,3	103182,0	36,7	103353,3
2016	−91777,0	62,9	94985,6	37,1	186762,6
Real estate activities					
2010	−6537,7	49,9	4743,7	50,1	11281,4
2011	−12060,8	54,2	4824,5	45,8	16885,3
2012	−8539,5	55,3	6952,6	44,7	15492,1
2013	−9571,4	57,5	6750,1	42,5	16321,5
2014	−105597,6	56,1	5281,9	43,9	110879,5
2015	−63470,1	60,6	39330,9	39,4	102801,0
2016	−40260,7	60,1	11760,7	39,9	52021,4
Professional, scientific and technical activities					
2010	−15110,3	57,5	8218,6	42,5	23328,9
2011	11167,8	62,9	17073,5	37,1	5905,7
2012	−165,5	62,2	14098,9	37,8	14264,4
2013	−6823,8	63,4	13027,2	36,6	19851,0
2014	−98958,1	63,3	8873,1	36,7	107831,2
2015	−47964,1	69,6	10023,2	30,4	57987,3
2016	23942,2	68,5	41695,7	31,5	17753,5
Administrative and support service activities					
2010	−1578,5	56,0	1606,8	44,0	3185,3
2011	−2213,2	61,2	1710,1	38,8	3923,3
2012	3889,4	60,5	7200,7	39,5	3311,3
2013	−1224,8	64,3	2580,3	35,7	3805,1
2014	−9219,4	62,7	2546,2	37,3	11765,6
2015	−9425,1	69,3	3797,8	30,7	13222,9
2016	−5737,2	70,1	5261,7	29,9	10998,9

ACTIVITY OF ENTERPRISES

Table 25.9 continued

Table 25.9 continued

	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises		
		percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome	
Education						
2010	88,3	64,3	163,1	35,7	74,8	
2011	100,9	68,4	196,7	31,6	95,8	
2012	136,8	68,1	198,2	31,9	61,4	
2013	140,2	69,9	203,7	30,1	63,5	
2014	82,6	67,0	214,8	33,0	132,2	
2015	105,3	71,5	225,7	28,5	120,4	
2016	112,4	67,7	248,0	32,3	135,6	
Human health and social work activities						
2010	9,8	60,7	406,5	39,3	396,7	
2011	-119,8	61,3	388,8	38,7	508,6	
2012	30,5	62,7	416,8	37,3	386,3	
2013	-31,9	64,7	525,3	35,3	557,2	
2014	-1111,0	64,7	377,5	35,3	1488,5	
2015	-961,1	69,8	547,7	30,2	1508,8	
2016	158,4	69,6	911,1	30,4	752,7	
Arts, entertainment and recreation						
2010	-1784,6	51,3	248,2	48,7	2032,8	
2011	-1706,2	56,2	317,0	43,8	2023,2	
2012	-2280,4	54,3	354,6	45,7	2635,0	
2013	-1280,4	57,3	571,7	42,7	1852,1	
2014	-2911,4	55,6	1415,8	44,4	4327,2	
2015	-3489,2	62,6	109,0	37,4	3598,2	
2016	-1214,7	61,5	1306,0	38,5	2520,7	
Other services						
2010	29,6	62,1	200,3	37,9	170,7	
2011	33,7	66,3	161,3	33,7	127,6	
2012	-16,4	63,8	175,8	36,2	192,2	
2013	-18,8	68,1	104,7	31,9	123,5	
2014	-16,1	65,5	187,8	34,5	203,9	
2015	293,5	72,5	439,9	27,5	146,4	
2016	251,6	72,4	348,5	27,6	96,9	

¹ See the footnote to Table 25.1

ACTIVITY OF ENTERPRISES

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

	Rate profitability (upprofitability)						
	2010	2011	2012	2013	2014	2015	2016
Total	4,0	5,9	5,0	3,9	-4,1	1,0	7,4
Agriculture, forestry and fishing	22,9	23,2	21,7	11,3	20,6	41,7	31,6
Industry	3,5	4,7	3,4	3,0	1,6	0,9	4,2
Construction	-1,5	0,2	-0,1	0,0	5,8	-7,6	0,0
Wholesale and retail trade; repair of motor vehicles and motorcycles	9,8	15,0	12,2	10,2	-12,8	-0,9	15,0
Transportation and storage, postal and courier activities	5,6	6,1	5,4	3,5	-1,7	1,1	5,0
Accommodation and food service activities	-1,8	-0,1	-1,1	-2,8	-25,8	-17,3	-0,2
Information and communication	7,4	7,6	10,5	11,8	-1,6	0,5	8,3
Financial and insurance activities	3,5	6,2	6,1	5,9	-15,2	-8,9	-4,9
Real estate activities	0,3	-3,6	2,8	3,1	-46,9	-33,4	-7,3
Professional, scientific and technical activities	-6,6	0,5	0,3	-1,3	-29,1	-1,1	17,6
Administrative and support service activities	-3,3	-2,7	-2,9	-2,5	-13,6	-11,9	-6,6
Education	4,9	7,4	8,2	8,4	5,5	5,7	5,8
Human health and social work activities	4,0	2,6	2,7	3,1	-3,7	-0,6	4,7
Arts, entertainment and recreation	-26,9	-24,4	-17,6	-8,0	-11,8	-25,3	-16,0
Other services	4,3	3,1	2,6	-0,9	-1,0	7,3	5,5

¹ See the footnote to Table 25.4

26. SCIENCE AND INNOVATIONS

The section includes the indicators characterizing the organisations' (enterprises') activity regarding the R&D performance and innovation activity of Ukraine's industrial enterprises. Also, it takes into account the activity of universities, state and non-profit research organisations.

R&D refers to fundamental, applied scientific and scientific and technical (experimental) developments.

Fundamental R&D are the theoretical and experimental R&D targeted to obtain the new knowledge about the regularities to organize and develop the nature, society, human being, their relationships. The result of the fundamental R&D are the hypotheses, theories, new methods of perception, the opening of nature laws, the phenomena and matter properties unknown before, regularities exposure of household development, etc that are not oriented toward direct practical usage in the sphere of economy.

Applied R&D are the theoretical and experimental R&D targeted to obtain and employ the new knowledge for practical purposes. The result of the applied R&D is the new knowledge targeted to create the new materials or improve the existing ones, as well as products, devices, methods, systems, technologies, concrete proposals on performance of relevant scientific and technical, and social tasks.

Scientific and technical (experimental) developments is the development of a certain design of engineering project or technical system (design effort); concept formation and variants of new object including the non-technical one at the level of drawing or other system for sign vehicle (design work); development of technological

processes, i.e. the ways to combine the physical, chemical, technological and other processes with the labour ones into an entire system producing a certain useful result (technological operations).

Domestic spending for R&D performance is the general sum of spending for R&D performance using organisation's own resources. The spending includes expenditure for labour remuneration, material expenses and other current spending, capital investment (apart from the sum of depreciation for complete recovery of fixed assets).

Amount of financing the domestic spending for R&D performance is a sum of funds that were received on account of organization (enterprise) during the reference year from all sources (budget, funds of domestic and foreign customers, own funds, etc).

The R&D performers are researchers, technicians and supporting staff from independent scientific and research, design, drawing-and-designing organisations as well as employees of laboratories or separate units at tertiary educational institutions or enterprises whose main activity is R&D performance.

Researchers are the scientific and engineers who are professionally engaged into the scientific research and developments and are directly involved into the creation of the new knowledge, products, processes, methods and systems as well as administrative and managerial staff who directly manage the research process (including the chiefs of scientific organisations and units that perform R&D). Researchers, as a rule, have tertiary education of the second, third or scientific level (in line with Ukraine's law *On tertiary*

education). Researchers can also include the post-graduate students and doctoral students.

Technicians are the workers whose main functions require the possession of technical knowledge and experience in one or some spheres of the natural, technical, social or humanitarian sciences and who participate in the R&D performance by performing technical functions under the supervision of researchers (software development; bibliographical retrieval and selection of the relevant materials from archives and libraries; accomplishments of experiments, trials and analysis; measurement registration, the making of the calculations, preparation of the drawings and schemes; the undertaking of statistical surveys, etc). Technicians can have tertiary education starting from the beginner level and up to the third level (in line with Ukraine's law *On tertiary education*).

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

Innovational active industrial enterprises are enterprises that were involved into innovational activity.

Innovation activity implies all scientific, technological, organisational, financial and commercial actions that specifically lead to making innovations or were conceived for that purpose. The innovative activity also includes R&D not directly connected with the preparation of the specific innovation.

Innovation implementation implies the putting into service of any new or significantly improved product (good, service) or process, new method for marketing or new organizational method in enterprise activity, organization of work places or external ties. Innovation products are split into the new for market and the new for enterprise.

The innovation is **the new for market** if the enterprise that was the first in implementing the innovation brought it to its market. Market implies the perception by enterprise of market where it acts and which can be composed of a reporting enterprise coupled with its competitors, possibly, by taking into account geographical aspect or typical series of products. The geographical aspect refers to the market which can include both the domestic and international enterprises.

The minimal level of novelty to include any change into the category *innovation* is defined as the **new for enterprise**. Product can be used (produced) at other enterprises, but if it is new or significantly improved for this enterprise, then such a change can be considered for it as an innovation.

Innovation produce is the produce which is new or significantly improved as regards to its properties or ways to employ. The new products are considered to be goods and services that significantly differ by their characteristics or purposes from the products that the enterprise produced earlier. The significant improvements can be made due to changes in materials, components and other characteristics of products that improve their properties. This includes the significant improvements to the technical characteristics, components and materials, build-in software and other functional characteristics.

SCIENCE AND INNOVATIONS

26.1. R&D personnel¹ in 2016

(persons)

	Total	Of which women
Number of employees engaged in R&D performance including secondary job employees	97912	46046
researchers	63694	28660
technicians	10000	5762
auxiliary staff	24218	11624

¹ Here and elsewhere (Tables 26.2–26.9) the direct comparison of data for 2016 with similar data for the previous years is incorrect due to changes to the organisation and conduct of the state statistical observation *R&D performance* implemented since 2016

26.2. R&D personnel in 2016, by education level

(persons)

	Total	Of which women
Number of employees engaged in R&D performance including secondary job employees	97912	46046
have tertiary education	85213	40359
Doctors of Science	7091	1904
PH.D. (candidates of Sciences)	20208	9505
Masters (specialists)	48735	24166
bachelors (junior bachelors, junior specialist)	9179	4784
other educational levels	12699	5687

26.3. Scientific staff in 2016, by branch of science

(persons)

	Total	Of which women
Number of employees engaged in R&D performance including secondary job employees	97912	46046
by branch of science		
natural	24777	11791
technical	47816	18087
medical	6410	4351
agricultural	7283	4255
social	7731	5112
humanitarian	3895	2450

SCIENCE AND INNOVATIONS

26.4. Researchers in 2016, by education level*(persons)*

	Total	Of which women
The number of researchers including secondary job employees	63694	28660
have tertiary education		
Doctors of Science	7071	1902
PH.D. (candidates of Sciences)	20085	9448
Masters (specialists)	34694	16302
bachelors (junior bachelors, junior specialist)	1844	1008

26.5. Researchers in 2016, by branch of science*(persons)*

	Total	Of which women
The number of researchers including secondary job employees	63694	28660
by branch of science		
natural science (apart from medical and agricultural)	18461	8014
technical science	26266	8974
medical science	4845	3093
agricultural science	4663	2559
social science	6506	4203
humanitarian science	2953	1817

26.6. Researchers in 2016, by age*(persons)*

	Total	Of which women
The number of researchers including secondary job employees	63694	28660
of whom those aged		
less than 25	1876	758
25–29	6418	2883
30–34	7863	3926
35–39	7488	3715
40–44	6216	3069
45–49	4936	2698
50–54	5816	3094
55–59	6593	3105
60–64	6328	2400
65 and older	10160	3012

SCIENCE AND INNOVATIONS

26.7. Domestic spending for R&D performance in 2016, by type of spending

(mln. UAH)

	2016
Domestic spending for R&D performance	11530,7
domestic current spending	10954,7
spending for staff's labour remuneration	5751,0
other current spending	5203,7
capital spending for R&D	576,0
land plots and structures	13,1
equipment	487,6
other capital spending	75,3

26.8. Domestic spending for R&D performance in 2016, by source of financing and type of work

(mln. UAH)

	Total	Of which for performance		
		fundamental scientific research	applied scientific research	research and technical developments
Domestic spending for R&D performance	11530,7	2225,7	2561,2	6743,8
one's own funds	1146,0	65,0	168,4	912,6
budget funds	3910,8	2041,5	1268,7	600,6
of which state budget funds	3700,9	1973,0	1203,6	524,3
funds from state sector organisations	361,6	22,6	51,6	287,4
funds from entrepreneurship sector organisations	3369,5	47,1	798,8	2523,6
funds from tertiary sector organisations	7,4	1,5	0,9	5,0
funds from private non-profit organisations	2,8	1,0	0,5	1,3
funds from foreign sources	2550,3	24,7	233,0	2292,6
funds from other sources	182,3	22,3	39,3	120,7

26.9. Domestic spending for R&D performance in 2016, by branch of science and type of work

(mln. UAH)

	Total	Of which for performance		
		fundamental scientific research	applied scientific research	research and technical developments
Domestic expenditure for the performance of R&D	11530,7	2225,7	2561,2	6743,8
by branch of science				
natural	2435,6	1050,6	628,3	756,7
technical	7514,7	550,0	1149,1	5815,6
medical	324,0	69,7	237,3	17,0
agricultural	642,7	221,3	284,5	136,9
social	380,4	176,1	190,6	13,7
humanitarian	233,3	158,0	71,4	3,9

SCIENCE AND INNOVATIONS

26.10. Innovation active industrial enterprises in 2015, by type of economic activity^{1,2}

	Total, units	Percentage of total enterprises
Industry	824	17,3
Mining and quarrying	21	9,0
of which		
Mining of coal and lignite	3	7,3
Manufacturing	751	19,5
Manufacture of food products, beverages and tobacco products	178	18,1
Manufacture of textiles, apparel, leather and related products	40	13,2
Manufacture of wood and paper products, and printing	36	12,1
Manufacture of coke, and refined petroleum products	6	28,6
Manufacture of chemicals and chemical products	44	27,0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	29	47,5
Manufacture of rubber and plastics products, and other non-metallic mineral products	68	12,8
Manufacture of basic metals and fabricated metal products, except machinery and equipment	65	17,5
Manufacture of computer, electronic and optical products	39	37,5
Manufacture of electrical equipment	48	28,2
Manufacture of machinery and equipment n.e.c.	87	26,2
Manufacture of transport equipment, trailers, and semitrailers and other	61	37,0
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	50	14,1
Electricity, gas, steam and air-conditioning supply	31	10,5
Water supply, sewerage, waste management and remediation	21	5,5

¹ Here and elsewhere (tables 26.11–26.16) the periodicity of the state statistical observation *Innovation activity of industrial enterprise* has been changed from *annual* to *once every two years* since the report for 2015

² Here and elsewhere (tables 26.11–26.16) the direct comparison of data for 2015 with similar data for the previous years is incorrect due to changes to the organization and conduct of the state statistical observation over innovation activity of industrial enterprise

SCIENCE AND INNOVATIONS

26.11. Total innovation costs in industry*(at current prices)*

	2010		2013		2014		2015	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Total	8045,5	100,0	9562,6	100,0	7695,9	100,0	13813,7	100,0
including by purpose								
internal R&D operations	818,5	10,2	1312,1	13,7	1221,5	15,9	1834,1	13,3
external R&D operations	177,9	2,2	326,4	3,4	533,1	6,9	205,4	1,5
purchase of other external knowledge	5051,7	62,8	5546,3	58,0	5115,3	66,5	11141,3	80,6
purchase of machines, equipment and software	141,6	1,8	87,0	0,9	47,2	0,6	84,9	0,6
other	1855,8	23,0	2290,9	24,0	778,8	10,1	548,0	4,0

26.12. Financing of innovation activity in industry*(at current prices)*

	2010		2013		2014		2015	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Total	8045,5	100,0	9562,6	100,0	7695,9	100,0	13813,7	100,0
including on account of								
Central budget	87,0	1,1	24,7	0,3	344,1	4,5	55,1	0,4
local budgets	5,7	0,1	157,7	1,6	5,7	0,1	38,4	0,3
own funds	4775,2	59,4	6973,4	72,9	6540,3	85,0	13427,0	97,2
customers' funds								
domestic	31,0	0,4	123,7	1,3	8,2	0,1	74,3	0,5
foreign	2411,4	30,0	1253,2	13,2	138,7	1,8	58,6	0,4
other sources	735,2	9,0	1029,9	10,7	658,9	8,5	160,3	1,2

SCIENCE AND INNOVATIONS

26.13. Number of industrial enterprises that implemented innovations in 2015

	Total	Percentage of total enterprises that introduced innovations
Total	723	×
installing new technological processes	400	55,3
including		
low-waste, resource saving, and waste-free	155	21,4
introducing innovations products	414	57,3
of which new types of equipment	162	22,4
Sold innovation products	570	×

26.14. Introduction of new technological processes and development of new products in industry

	2010	2011	2012	2013	2014	2015
New technological processes introduced	2043	2510	2188	1576	1743	1217
including low-waste, resource saving and waste-free	479	517	554	502	447	458
Introducing innovations products, items	2408	3238	3403	3138	3661	3136
of which new equipment	663	897	942	809	1314	966

26.15. Amount of innovation products sold*(at current prices; mln. UAH)*

	2010	2011	2012	2013	2014	2015
Total	33697,6	42386,7	36157,7	35891,6	25669,0	23050,1
including new products	10995,1	17411,0	14512,6	12391,2	7066,3	7284,2
Exports as part of the total shipment	13713,0	12630,6	13354,9	16053,4	7486,4	10843,8

26.16. Volume of sold innovation products in 2015, by type of economic activity

	Total, thsd. UAH	Percent of the total volume of sold industrial products	Out of the total volume of sold innovation products, thsd. UAH	
			products that were new for market	products that were new for enterprise only
Total	23050092,9	1,4	7284161,3	15765931,6
Mining and quarrying	53669,7	—	—	53669,7
Mining of coal and lignite	—	—	—	—
Manufacturing	22897857,3	2,1	7282064,0	15615793,3
Manufacture of food products, beverages and tobacco products	4874534,3	1,3	877620,2	3996914,1
Manufacture of textiles, apparel, leather and related products	112847,2	0,8	56513,1	56334,1
Manufacture of wood and paper products, and printing	675177,5	1,5	1366,5	673811,0
Manufacture of coke, and refined petroleum products	270619,9	0,4	21105,2	249514,7
Manufacture of chemicals and chemical products	1918921,9	3,3	944400,9	974521,0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	624513,5	3,0	62329,1	562184,4
Manufacture of rubber and plastics products, and other non-metallic mineral products	565530,1	0,8	262358,2	303171,9
Manufacture of basic metals and fabricated metal products, except machinery and equipment	6174632,0	2,1	150248,9	6024383,1
Manufacture of computer, electronic and optical products	466094,1	6,4	332901,4	133192,7
Manufacture of electrical equipment	1388962,2	6,1	1120183,8	268778,4
Manufacture of machinery and equipment n.e.c.	3246940,4	7,7	2606114,4	640826,0
Manufacture of transport equipment, trailers, and semitrailers and other	2187241,3	5,4	733384,1	1453857,2
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	391842,9	1,7	113538,2	278304,7
Electricity, gas, steam and air-conditioning supply	95775,8	0,0	2063,8	93712,0
Water supply, sewerage, waste management and remediation	2790,1	0,0	33,5	2756,6

27. BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

(excluding Autonomous Republic of Crimea and the city of Sevastopol)

The section contains information for 2010/2016, excluding the temporarily occupied territory of the Autonomous Republic of Crimea, city of Sevastopol and for 2014/2016, a part of the zone where anti-terrorist operation is conducted.

27.1. Population

(as of January 1; thsd.)

	Present population	Resident population
2010	43617,2	43447,5
2011	43434,2	43264,6
2012	43289,4	43119,8
2013	43204,4	43034,8
2014	43073,1	42903,5
2015	42929,3	42759,7
2016	42760,5	42590,9
2017	42584,5	42414,9

27.2. Population, by economic activity¹

(aged 15–70; thsd.)

	2010	2011	2012	2013	2014	2015	2016
Economically active population	20894,1	20893,0	20851,2	20824,6	19920,9	18097,9	17955,1
working age	19164,0	19181,7	19317,8	19399,7	19035,2	17396,0	17303,6
older than working age	1730,1	1711,3	1533,4	1424,9	885,7	701,9	651,5
Employed	19180,2	19231,1	19261,4	19314,2	18073,3	16443,2	16276,9
working age	17451,5	17520,8	17728,6	17889,4	17188,1	15742,0	15626,1
older than working age	1728,7	1710,3	1532,8	1424,8	885,2	701,2	650,8
Unemployed	1713,9	1661,9	1589,8	1510,4	1847,6	1654,7	1678,2
working age	1712,5	1660,9	1589,2	1510,3	1847,1	1654,0	1677,5
older than working age	1,4	1,0	0,6	0,1	0,5	0,7	0,7
Economically inactive population	11945,0	11657,4	11456,9	11270,1	12023,0	10925,5	10934,1
working age	7493,5	7239,9	7186,2	7196,5	7617,7	6920,6	7039,3
older than working age	4451,5	4417,5	4270,7	4073,6	4405,3	4004,9	3894,8

¹ In 2010/2014, data exclude the temporarily occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol, since 2015/2016 excluding a part of the zone where anti-terrorist operation is conducted

**27.3. Average monthly nominal wages of regular employees,
by type of economic activity^{1,2}***(per one regular employee; UAH)*

	2010	2011	2012	2013	2014	2015	2016
Total	2250	2648	3041	3282	3480	4195	5183
Agriculture, forestry and fishing	1467	1852	2094	2344	2556	3309	4195
of which Agriculture	1422	1786	2024	2269	2476	3140	3916
Industry	2578	3119	3497	3774	3988	4789	5902
Construction	1777	2294	2543	2727	2860	3551	4731
Wholesale and retail trade; repair of motor vehicles and motorcycles	1898	2371	2739	3049	3439	4692	5808
Transportation and storage, postal and courier activities	2648	3061	3405	3582	3768	4653	5810
Transportation	2556	2988	3260	3438	3755	4556	5776
Warehousing and support activities for transportation	2976	3427	3848	4040	4231	5358	6603
Postal and courier activities	1521	1693	1845	1917	1934	2180	2818
Accommodation and food service activities	1424	1750	2020	2195	2261	2786	3505
Information and communication	3185	3705	4360	4659	5176	7111	9530
Financial and insurance activities	4695	5433	6077	6326	7020	8603	10227
Real estate activities	1864	2184	2384	2786	3090	3659	4804
Professional, scientific and technical activities	2914	3575	4287	4505	5290	6736	8060
including Scientific research and development	2901	3296	3805	4059	4268	4972	6119
Administrative and support service activities	1826	2162	2298	2546	2601	3114	3995
Public administration and defence, compulsory social security	2735	3049	3432	3719	3817	4381	5953
Education	1884	2077	2532	2696	2745	3132	3769
Human health and social work activities	1616	1762	2186	2351	2441	2829	3400
of which Human health services	1624	1768	2204	2374	2463	2853	3435
Arts, entertainment and recreation	2129	2394	3017	3343	3626	4134	4844
of which							
Creative, arts and entertainment activities	1905	2096	2611	2934	2841	3150	3828
Libraries, archives, museums and other cultural activities	1912	2124	2579	2737	2769	3049	3705
Other services	1742	2062	2601	2738	3361	3634	4615

¹ Data are given by legal persons and separate units of legal persons with 10 and more employees and summarized by economic activity according to the *Classification of Economic Activity* (State Classifier 009:2010)

² See the footnote to Table 27.2

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27.4. Differentiation of household living standards¹

	Quintile coefficient for differentiating the population income, times		Ratio of income of richest and poorest 20% population, times		Share of the population with per capita average equivalent money income per month, lower			
					legislatively established subsistence line ² , percent		actual subsistence line ³ , percent	
	money	total	money	total	money	total	money	total
2010	2,1	1,9	4,1	3,5	15,6	8,6
2011	2,1	1,9	3,8	3,4	13,9	7,8
2012	2,0	1,9	3,7	3,2	14,2	9,0
2013	2,0	1,9	3,6	3,3	13,5	8,3
2014	2,0	1,9	3,4	3,1	14,3	8,6	24,5	16,7
2015	2,0	1,9	3,5	3,2	11,1	6,4	62,6	51,9
2016	2,0	1,9	3,4	3,0	10,2	3,8	65,0	51,1

¹ Data of the household living condition survey² Legislatively established subsistence line: 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; in 2016, 1388,08 UAH³ Actual subsistence line: in 2014, 1357,58 UAH; in 2015, 2257,0 UAH; in 2016, 2642,38 UAH**27.5. Pre-school educational institutions***(end of year)*

	2010	2011	2012	2013	2014	2015	2016
Total institutions, thsd. ¹	14,9	15,4	15,7	16,0	15,0	14,8	14,9
in urban areas	6,4	6,4	6,5	6,6	5,7	5,7	5,7
in rural areas	8,5	9,0	9,2	9,4	9,3	9,1	9,2
Enrollment capacity of the institutions, thsd. places ²	1069	1104	1135	1166	1077	1105	1125
in urban areas	778	801	820	836	748	772	785
in rural areas	291	303	315	330	329	333	340
Total children at the institutions, thsd.	1208	1287	1357	1396	1295	1291	1300
in urban areas	961	1010	1060	1087	985	981	984
in rural areas	247	277	297	309	310	310	316
Percentage of total children of the specified age attending pre-school	53	55	57	61	55	55	55 ³
in urban areas	64	65	67	71	63	64	63 ³
in rural areas	33	35	37	41	40	40	40 ³
Children at the institutions per 100 places ⁴	112	115	118	117	117	114	113
in urban areas	123	125	128	129	130	126	124
in rural areas	82	89	91	87	88	87	87

¹ In 2010/2014, including pre-school educational institutions that did not work during a year or more for some reason, starting from 2015 institutions that worked during a year² In 2010/2014, excluding places in pre-school educational institutions that did not work during a year or more for some reason³ The calculation made use of data on the total number of pupils from pre-school educational institutions including children covered by social and pedagogical patronage and the number of resident population of Ukraine as of January 1, 2017⁴ Excluding children in short-stay groups

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27.6. 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	19,6	19,2	19,0	18,6	17,6	17,3	16,9
Pupils	4091	4076	4009	3988	3757	3783	3846
including grades 10–12 (10–16)	543	618	573	529	463	432	412
Total teachers	493	486	488	486	454	444	438

In 2016, 7,6 thsd. pupils attended the 1st grades set up at pre-schools.**27.7. Institutions of higher education***(beginning of academic year)*

	1 st and 2 nd levels of accreditation					3 rd and 4 th levels of accreditation				
	2010/11	2013/14	2014/15	2015/16	2016/17 ¹	2010/11	2013/14	2014/15	2015/16	2016/17 ²
Total institutions	483	458	387	371	370	330	309	277	288	287
Total students, thsd.	351,4	319,6	251,3	230,1	217,3	2066,7	1673,3	1438,0	1375,2	1369,4
full-time	218,2	203,1	193,2	935,1	938,2	946,9
Enrolled, thsd.	125,1	90,9	69,5	63,2	60,6	381,4³	337,4³	291,6³	259,9³	253,2³
full-time	60,2	57,4	54,1	219,4	206,3	201,0
Graduated, thsd.	107,4	88,7	79,1	73,4	68,0	528,9⁴	471,7⁴	405,4⁴	374,0⁴	318,7⁴
full-time	65,9	61,4	57,1	227,6	211,6	182,2

¹ Since 2016/17 academic year, colleges, technical schools, specialized schools² Since 2016/17 academic year, universities, academies, institutes³ Persons enrolled into elementary training cycle (excluding those who were enrolled to continue training in order to acquire the higher educational and qualification level)⁴ The graduated experts (excluding those who finished the relevant training cycle, in particular bachelor's program and continue training in order to acquire the higher educational and qualification level)

Among students of colleges, technical schools, specialized schools, there are 3,6 thsd. disabled, 2,8 thsd. orphaned children and children deprived of parental care (those aged under 18 year old); among students of universities, academies, institutions, there are 11,1 thsd. and 4,6 thsd. accordingly.

In the higher educational institutions, 52,1 thsd. students are trained as foreign citizens.

In 2016, the higher educational institutions trained 51,2 thsd. holders of master's degree, 105,7 thsd. specialists, 106,2 thsd. holders of bachelor's degree, and 123,5 thsd. junior specialists.

At the beginning of 2016/17 academic year, the higher educational institutions employed 159,7 thsd. pedagogical, and scientific and pedagogical employees of which 13,2 thsd. doctors of sciences and 63,6 thsd. candidates of sciences, 11,6 thsd. professors and 43,1 thsd. assistant professors.

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27.8. Health care indicators*(source: the Ministry of Health of Ukraine)*

	2010	2011	2012	2013	2014	2015	2016
Total medical practitioners (doctors) ¹							
thsd.	213	212	206	206	186	186	187
per 10 thsd. population	49,1	49,3	47,9	48,1	43,5	43,7	44,0
Total paramedical staff							
thsd.	443	437	420	419	379	372	367
per 10 thsd. population	102,4	101,3	97,5	97,7	88,6	87,3	86,5
Total hospitals, thsd.	2,7	2,4	2,3	2,1	1,8	1,8	1,7
In which beds							
thsd.	408	392	384	378	336	333	315
per 10 thsd. population	94,3	90,9	89,3	88,1	78,5	78,1	74,3
Total out-patient medical institutions, thsd.	8,6	7,8	8,0	10,3	9,8	10,0	10,2
Capacity of out-patient facilities							
thsd. visits per shift	951	956	980	995	912	912	915
per 10 thsd. population	219,7	221,8	227,8	231,9	213,4	214,2	215,6

¹ Excluding dental technicians**27.9. Theatres, concert organisations and museums**

	2010	2011	2012	2013	2014	2015	2016
Total theatres	128	121	121	122	113	113	112
opera and ballet	7	7	7	7	6	6	6
drama and musical comedy, miniatures	84	79	79	80	75	75	74
children's and puppet	37	35	35	35	32	32	32
Number of spectators at performances, mln.	6,0	6,2	6,3	6,4	5,4	5,6	5,8
Total concert organisations	76	75	78	76	73	73	76
Number of listeners at concerts, mln.	3,7	3,7	4,2	4,1	2,4	2,5	2,6
Total museums	511	531	553	568	543	564	576
Attendance of museums, mln.	18,0	18,1	18,9	18,7	14,2	15,1	15,8

27.10. Libraries, cinemas and cultural institutions*(source: the Ministry of Culture of Ukraine)*

	Total					Including in rural areas				
	2010	2013	2014	2015	2016	2010	2013	2014	2015	2016
Total libraries, thsd.	18,6	18,3	16,9	17,3	17,0	14,3	14,1	13,5	13,7	13,5
Library stocks, mln. copies	311	297	258	266	255	133	124	116	116	112
Cinemas, thsd.	2,1	1,5	1,3	1,1	...	1,6	1,0	0,8	0,7	...
Number of spectators at film shows, mln.	8	13	11	11	...	0,4	0,2	0,1	0,1	...
Club-houses, thsd.	17,9	17,8	16,8	17,2	17,1	15,9	15,9	15,3	15,6	15,5
total seats, mln.	4,5	4,5	4,2	4,3	4,2	3,7	3,7	3,5	3,6	3,6

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27.11. Specialized accommodation facilities¹

	2011	2012	2013	2014	2015	2016
Number of specialized accommodation facilities	2211	2372	2350	1928	1863	1722
Sanatoria	201	193	193	187	184	172
Children's sanatoria	134	131	128	117	111	107
Rest homes providing medical treatment	20	20	17	16	14	12
All year round children's recreation institutions, children's centers	15	13	14	18	13	17
Dispensaries	196	181	161	118	79	63
Balneological facilities, institutions for mud cures, balneo-mud hospitals (including the ones for children)	4	4	3	3	3	3
Holiday centers	20	17	18	17	12	11
Recreation boarding houses	118	131	121	73	64	62
Shelters, other recreation facilities (apart from tourist hostels)	1482	1665	1682	1367	1372	1265
Institutions for 1–2 day stay	21	17	13	12	11	10
Beds², thsd.	294	304	298	271	270	239
in sanatoria	58	56	58	59	59	51
in children's sanatoria	20	19	19	18	17	17
in rest homes providing medical treatment	4	4	3	3	2	2
in all year round children's recreation institutions, children's centers	5	4	4	6	5	5
in dispensaries	17	17	15	17	12	10
in balneological facilities, institutions for mud cures, balneo-mud hospitals (including the ones for children)	1	1	1	1	1	1
in holiday centers	2	1	1	1	1	1
in recreation boarding houses	25	28	27	16	14	12
in shelters, other recreation facilities (apart from tourist hostels)	160	172	168	149	158	139
in recreational institutions for 1–2 day stay	2	2	2	1	1	1
Number of those accommodated, thsd. persons	1856	2050	1987	1610	1483	1508
in sanatoria	597	615	635	545	435	428
in children's sanatoria	130	127	131	125	109	112
in rest homes providing medical treatment	24	23	22	17	12	16
in all year round children's recreation institutions, children's centers	36	40	44	38	31	40
in dispensaries	161	154	129	100	62	66
in balneological facilities, institutions for mud cures, balneo-mud hospitals (including the ones for children)	13	6	5	3	3	3
in holiday centers	20	20	19	10	11	9
in recreation boarding houses	137	166	143	71	66	66
in shelters, other recreation facilities (apart from tourist hostels)	729	884	845	697	751	763
in recreational institutions for 1–2 day stay	9	15	14	4	3	5

¹ The total includes legal persons and natural persons-entrepreneurs² Maximum use is one month

27.12. Emission of pollutants and carbon dioxide into the atmosphere

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016 ¹
Pollutant emission – total	6515,7	6726,3	6662,6	6569,2	5346,2	4521,3	×
of which							
sulfur dioxide	1222,2	1349,9	1416,2	1406,5	1160,6	854,0	×
nitrogen peroxide	587,7	617,9	619,2	618,2	541,4	453,0	×
nitrogen oxide	7,9	22,9	13,7	14,3	12,3	10,1	×
carbon oxide	2848,3	2813,5	2729,8	2682,5	2283,4	1971,9	×
methane	849,3	882,9	891,3	924,1	586,6	519,4	×
nonmethane volatile organic compounds	342,6	335,7	322,4	309,5	270,1	225,8	×
weighed suspended particles ²	589,4	636,0	604,3	549,0	434,1	377,4	×
ammonia	22,7	23,5	22,2	21,6	21,3	18,8	×
Pollutant emission by stationary source of pollution	4095,3	4338,0	4299,4	4265,9	3350,0	2857,4	3078,1
of which							
sulphur dioxide	1194,4	1320,7	1386,3	1376,1	1133,3	830,3	1076,4
nitrogen peroxide	307,4	330,1	329,8	330,5	288,1	233,8	240,2
nitrogen oxide	5,9	20,9	11,7	12,4	10,7	8,7	9,6
carbon oxide	1055,3	1057,5	996,5	999,4	828,4	764,1	802,8
methane	841,5	875,3	883,8	916,8	580,2	514,1	466,5
nonmethane volatile organic compounds	64,4	63,5	56,1	52,5	50,0	47,3	52,2
weighed suspended particles	558,3	602,7	569,7	513,3	401,8	349,6	395,8
ammonia	22,7	23,5	22,2	21,6	21,3	18,8	18,8
Pollutant emission by mobile source of pollution	2420,4	2388,3	2363,2	2303,3	1996,2	1663,9	...
of which							
sulphur dioxide	27,8	29,2	29,9	30,4	27,3	23,7	...
nitrogen peroxide	280,3	287,8	289,4	287,7	253,3	219,2	...
nitrogen oxide	2,0	2,0	2,0	1,9	1,6	1,4	...
carbon oxide	1793,0	1756,0	1733,3	1683,1	1455,0	1207,8	...
methane	7,8	7,6	7,5	7,3	6,4	5,3	...
nonmethane volatile organic compounds	278,2	272,2	266,3	257,0	220,1	178,5	...
soot	31,1	33,3	34,6	35,7	32,3	27,8	...
ammonia	0,020	0,019	0,019	0,018	0,014	0,011	...
Besides, carbonic oxide emission, total, mln. t	195,0	232,7	228,8	227,5	194,7	162,0	×
of which							
by stationary sources of pollution	163,3	200,3	196,5	195,8	166,9	138,9	150,6
by movable sources of pollution	31,7	32,4	32,3	31,7	27,8	23,1	...

¹ The calculations of pollutant emissions by mobile source of pollution were not made² Including emissions of soot by mobile pollution source

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27.13. Basic indicators for the generation and treatment of wastes

(thsd.t)

	2010		2013		2014		2015		2016	
	1 st -4 th hazard category	including 1 st -3 rd hazard category	1 st -4 th hazard category	including 1 st -3 rd hazard category	1 st -4 th hazard category	including 1 st -3 rd hazard category	1 st -4 th hazard category	including 1 st -3 rd hazard category	1 st -4 th hazard category	including 1 st -3 rd hazard category
Generation	422549,9	1389,1	445262,1	915,5	355000,4	739,7	312267,6	587,3	295870,1	621,0
of which from economic activity	416182,2	1389,1	436852,5	910,8	348686,1	738,3	306214,3	587,1	289523,6	618,7
Collected, obtained from outside	29415,5	257,7	169673,0	162,8	31103,0	194,2	22776,0	119,2	22606,6	169,0
Imported	4,1	0,0	169,6	4,6	33,4	9,2	3,4	2,5	7,9	1,7
Utilized	144866,6	612,4	146733,1	432,2	109280,1	327,1	92463,7	314,5	84630,3	337,9
Burned off	1056,8	15,5	917,9	15,1	944,7	8,2	1134,7	5,8	1106,1	6,2
Transferred for utilization ¹	40968,4	980,8	154109,8	498,2	10159,0	288,2	8401,3	222,8	8953,7	203,4
Transferred for discharge ¹	9885,0	107,0	14444,0	44,6	8224,4	65,7
Exported	281,3	26,6	318,7	5,8	653,3	3,2	675,4	1,0	415,6	1,3
Removed to special sites or facilities	311649,0	126,7	264665,6	102,9	203698,0	81,6	152295,0	78,6	157379,3	111,7
Placed on illegal dumpings ²	87,4	0,1	86,8	0,0	141,5	0,0	14,4	0,0	12,4	0,0
Lost (vaporization, drain, fires, etc)	1367,6	188,2	372,8	66,6	27,7	0,2	6,5	0,1	19,8	0,0
Accumulated during exploitation at the places for wastes discharge, and of year ³ , mln.t	13220,0	14,3	15111,6	12,6	12205,4	12,0	12505,9	12,1	12393,9	12,1
per 1 sq.km, t	22931,5	32,4	26212,7	21,9	21015,9	20,7	21692,8	20,9	21498,6	21,0

¹ Prior to 2013 inclusive, data on the general volume of transferred-out wastes (for utilization and discharge) are presented² Prior to 2013 inclusive, data on wastes discharged at places of the disorganized storage are given³ Prior to 2013, data on the end-of-year general volume of wastes that were constantly or temporarily placed at the specially allocated places or objects of economically active enterprises and organisations are presented

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27.14. Gross domestic product and its components*(at current prices; mln. UAH)*

	2010	2011	2012	2013	2014	2015	2016
Gross domestic product	1079346	1299991	1404669	1465198	1586915	1988544	2383182
Composition of gross domestic product							
1. Gross value added							
Agriculture, forestry and fishing	80385	106555	109785	128738	161145	239806	277197
Minning and quaring	63436	84872	81660	81259	79120	95141	129443
Manufacturing	142700	154675	173912	165055	194050	236692	286616
Electricity, gas, steam, and air-conditioning supply	30295	39994	43491	42366	44836	53385	72037
Water supply, sewerage, waste management and remediation	7736	7302	6625	6573	7236	7924	9853
Construction	35366	39575	39049	36902	36876	38928	49871
Wholesale and retail trade; repair of motor vehicles and motorcycles	154994	193357	200763	212090	233702	273989	331832
Transport and storage, postal and courier activities	83027	103179	98859	104483	100889	134978	156333
Accommodation and food service activities	8932	10256	10122	10150	9927	11946	13849
Information and communication	33011	38390	43379	48372	52724	72596	90135
Financial and insurance activities	61263	58213	61055	66232	70601	67512	60806
Real estate activities	57699	69035	83502	95272	99144	123021	143246
Professional, scientific and technical activities	27265	30471	41966	47712	47139	55789	68358
Administrative and support service activities	11832	14300	16135	17715	18061	21624	26811
Public administration and defence, compulsory social security	49863	53464	59752	68225	78731	95085	122210

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<i>Table 27.14 continued</i>							
	2010	2011	2012	2013	2014	2015	2016
Education	53462	59377	71771	77986	76068	82778	93410
Human health and social work activities	38555	41855	49234	48247	46250	51480	57526
Arts, entertainment and recreation	6074	7161	9727	12704	12339	12357	13626
Other services	8577	10527	12282	13731	13881	14356	17280
Taxes on products	127358	179296	195450	183586	206336	302344	367788
Subsidies on products	-2484	-1863	-3850	-2200	-2140	-3187	-5045
2. Income generation							
2.1. Compensation of employees	518184	610615	705837	730653	734943	777646	877276
2.2. Taxes less subsidies on production and imports	127525	181330	180815	184323	204191	315911	397467
2.3. Gross operating surplus, mixed income	433637	508046	518017	550222	647781	894987	1108439
3. Final use							
3.1. Final consumption expenditure	897583	1094231	1221163	1329632	1429959	1709213	2018854
households	680164	858905	950212	1047096	1120876	1317110	1537974
non-profit institutions serving households	8155	9619	8984	10265	12873	15788	19252
general government	209264	225707	261967	272271	296210	376315	461628
individual consumption expenditure	137014	147603	174615	184189	183008	220859	267623
collective consumption expenditure	72250	78104	87352	88082	113202	155456	194005
3.2. Gross capital formation	225296	291678	305031	270895	212591	316841	512830
gross fixed capital formation	183867	229403	266795	247054	224327	269422	361030
changes in inventories	41068	61774	37508	23641	-12077	47231	150650
acquisitions less disposals of valuables	361	501	728	200	341	188	1150
3.3. Exports of goods and services	507869	647608	670319	629401	771129	1045928	1174625
3.4. Import of goods and services	-551402	-733526	-791844	-764730	-826764	-1083438	-1323127

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

	2011	2012	2013	2014	2015	2016	2017
Legal persons	962293	990643	1013312	1044305	1072945	1121347	1185071
including							
farm	43499	43035	43155	43270	43137	43743	44409
private enterprise	210959	209027	205888	205172	201917	201788	202352
public enterprise	4525	4388	4300	4182	4042	4019	3982
state-run enterprise	39	41	34	30	32	33	32
communal enterprise	12216	12105	11922	11741	11464	11438	11677
subsidiary	14513	13834	13275	12992	12539	12336	12266
foreign enterprise	908	864	839	776	679	676	670
enterprise of public association (religious organisation, trade union)	3425	3366	3370	3357	3247	3288	3313
enterprise founded by consumer partnership	1332	1330	1342	1307	1285	1254	1234
joint-stock company	20218	18148	17204	16611	15893	15571	15206
of which							
public joint-stock partnership	907	2767	3330	3488	3490	3486	3122
private joint-stock partnership	1282	3757	4167	4207	4215	4149	4348
partnership with limited liability	359018	382117	402370	428727	453931	488205	532401
additional liability partnership	633	1096	1212	1256	1311	1336	1392
unlimited partnership	1417	1395	1376	1375	1337	1361	1378
mixed liability company	407	416	403	399	384	387	384
cooperative	25582	24999	24786	25031	24868	25763	26460
of which							
production	1962	1989	1962	2158	2331	2321	2306
serve	17499	16779	16362	16368	16660	17439	18169
consumer	544	614	652	692	725	730	748
agriculture and production	1184	1135	1057	1034	1009	998	997
agriculture and serve	737	809	834	920	899	949	1017

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

<i>Table 27.15 continued</i>							
	2011	2012	2013	2014	2015	2016	2017
public authorities organisation (establishments, institutions)	100730	102071	102549	101583	101777	102218	101277
of which							
state-run organisation (establishment, institution)	13965	14517	14740	13225	12697	12629	11322
communal organisation (establishment, institution)	60315	60625	60599	61255	61824	61940	62167
private organisation (establishment, institution)	849	874	895	921	942	955	998
organisation (establishment, institution) of public association	1347	1458	1487	1518	1592	1602	1581
association	2092	2127	2159	2201	2203	2260	2331
corporation	607	598	589	575	565	560	564
consortium	61	63	64	65	64	66	69
concern	233	219	211	205	193	195	195
union of consumer partnerships	349	325	323	338	328	322	323
other associations of the legal persons	963	907	837	799	763	756	767
representative office	544	554	555	559	580	595	613
credit union	1071	1058	1067	1084	1090	1090	1090
consumer partnership	4385	4255	4235	4361	4333	4337	4400
not state pension fund	79	76	75	74	72	72	72
political party	14348	14484	14460	14449	14491	15557	15817
non-profit organisation	51567	55339	58010	60516	64175	70321	75988
non-profit union	143	166	188	311	511	753	990
religious organisation	19481	20298	20900	21637	22219	23261	24072
trade union, association of trade unions	21940	23290	24348	25176	25824	26321	26899
creative union (other professional organisation)	223	232	240	258	267	279	292
charitable organisation	9604	10180	10721	11615	13399	15384	16837
condominium	10833	12660	13738	14865	15689	17109	26080
community association	1025	1103	1209	1287	1353	1415	1497
Separate units of legal persons	36659	35223	34955	35788	36680	38545	44982
including							
branch (another separate unit)	32830	31146	30807	31545	32433	34278	40636
representative office	3829	4077	4148	4243	4247	4267	4346

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.16. Structure of the used fuel¹*(percent)*

	2010	2011	2012	2013	2014	2015	2016
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0
of which							
coal	29,5	31,1	34,4	33,3	32,4	30,9	31,8
natural gas	36,7	37,0	36,7	33,9	35,2	34,7	34,3
crude oil, of which oil obtained from bituminous minerals (including gas condensate)	9,5	7,7	4,2	3,4	3,2	3,6	3,3
gasoline	3,9	3,6	3,7	3,5	3,6	3,2	2,9
gas oil (diesel fuel)	4,7	4,9	5,4	5,3	6,1	6,3	6,3
heavy petcoke	0,7	0,7	0,3	0,2	0,2	0,5	0,8
kerosene	0,2	0,3	0,3	0,1	0,2	0,2	0,2
liquefied propane and butane	0,2	0,4	0,4	0,5 ²	0,7 ²	1,0 ²	1,1 ²
briquettes, ovoids and similar solid fuels manufactured from coal	0,0	0,0	0,0	0,0	0,0	0,0	0,0
non-agglomerated fuel peat	0,1	0,1	0,1	0,1	0,3	0,1	0,1
firewood for the heating	0,4	0,4	0,4	0,5	0,6	0,8	0,9

¹ Data from enterprises, organisations and establishments on usage of fuel for production and exploitation, and municipal needs including the amounts sold to the population and retail trade through fuel filling stations

² Including retail trade through fuel filling stations

27.17. Industrial production indices, by type of activity*(percent of the previous year)*

	2010	2011	2012	2013	2014	2015	2016
Industry	112,2	108,0	99,3	95,7	89,9	87,0	102,8
Mining and manufacturing	112,6	108,7	99,0	95,2	89,3	86,9	102,9
Mining and quarrying	105,0	106,7	101,5	100,8	86,3	85,8	99,8
Mining of coal and lignite	98,4	113,7	104,5	97,6	69,5	61,9	104,8
Extraction of crude petroleum and natural gas	92,4	97,2	101,0	96,3	98,3	95,0	97,4
Mining of metal ores	114,3	103,2	101,2	104,6	93,4	95,0	97,9
Other mining and quarrying	119,2	123,7	90,5	103,0	95,6	89,5	107,5
Manufacturing	116,3	109,7	98,0	92,7	90,7	87,4	104,3
Production of foodstuffs, beverages and tobacco products	103,4	103,2	100,8	95,0	102,5	89,3	104,4
Manufacture of food products	105,6	106,9	101,7	96,4	104,6	87,2	106,0
Manufacture of beverages	104,3	94,4	98,0	90,8	91,7	88,6	96,1
Manufacture of tobacco products	89,7	93,5	98,5	91,8	104,5	108,0	104,0
Textile industry, sewing of clothes, leather, leather articles and other materials	113,1	106,7	94,1	94,1	98,6	92,0	102,2
Manufacture of textiles	120,5	115,2	105,0	93,4	103,9	96,8	104,9
Manufacture of wearing apparel	114,1	103,9	93,1	95,2	102,0	92,1	101,0
Manufacture of leather and related products	105,6	105,3	85,9	92,7	84,0	84,5	101,5

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

<i>Table 27.17 continued</i>							
	2010	2011	2012	2013	2014	2015	2016
Manufacture of products of wood, manufacture of paper and printing	110,0	107,4	101,0	102,7	96,0	88,9	102,0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	115,2	118,7	99,1	100,7	103,0	99,8	105,1
Manufacture of paper and paper products	113,7	100,7	104,9	105,2	94,3	82,8	99,4
Printing and reproduction of recorded media	92,5	108,6	93,0	98,3	87,1	85,1	102,5
Manufacture of coke and refined petroleum products	102,7	96,4	81,6	89,2	78,7	80,9	108,7
Manufacture of chemicals and chemical products	123,2	128,0	96,0	80,7	85,8	84,8	101,1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	115,9	98,6	107,3	111,8	101,9	92,4	104,4
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	113,0	113,4	93,8	97,4	91,2	92,8	108,5
Manufacture of rubber and plastic products	111,8	109,5	98,2	99,5	90,8	91,6	109,4
Manufacture of other non-metallic mineral products	113,6	115,2	91,9	96,3	91,5	93,5	108,0
Manufacture of basic metals, manufacture of fabricated metal products, except machinery and equipment	115,1	111,0	96,5	94,7	85,5	83,9	106,8
Manufacture of basic metals	113,8	109,9	95,9	94,4	85,3	83,0	106,3
Manufacture of fabricated metal products, except machinery and equipment	120,4	115,1	98,8	95,8	86,1	87,3	108,5
Engineering, except repair and installation of machinery and equipment	142,4	115,4	96,7	86,4	79,4	85,9	102,0
Manufacture of computer, electronic and optical products	105,7	102,4	89,7	86,0	77,9	71,3	124,2
Manufacture of electrical equipment	163,6	125,8	88,6	91,1	100,9	89,8	100,9
Manufacture of machinery and equipment n.e.c.	133,9	109,9	97,3	93,5	88,7	87,5	102,3
Manufacture of transport equipment, trailers and semi-trailers and other	154,8	119,1	100,4	79,8	64,3	85,0	98,4
Manufacture of motor vehicles, trailers and semi-trailers	125,6	122,0	87,7	89,3	90,3	118,6	99,1
Manufacture of other transport equipment	161,2	118,6	102,6	78,4	59,9	76,3	98,1
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	121,2	114,3	108,1	90,9	93,0	84,5	101,3
Manufacture of furniture	121,9	123,5	98,2	102,8	98,4	87,6	105,7
Other manufacturing	127,0	114,9	115,5	87,9	91,9	84,9	99,5
Electricity, gas, steam and air conditioning supply	109,7	103,1	100,9	98,9	93,4	88,0	102,5

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.18. Industrial products sold (goods, services),

	2010		2011		2012	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Industry¹	1043110,8	100,0	1305308,0	100,0	1367925,5	100,0
Mining and quarrying	104081,5	10,0	143747,7	11,0	143941,9	10,5
Manufacturing	703340,0	67,4	852537,4	65,3	871146,6	63,7
Production of foodstuffs, beverages and tobacco products	187522,0	18,0	216454,0	16,6	245869,7	18,0
Textile industry, sewing of clothes, leather, leather articles and other materials	8348,6	0,8	9676,2	0,7	9763,6	0,7
Manufacture of products of wood, manufacture of paper and printing	26987,3	2,6	31613,1	2,4	34103,9	2,5
Manufacture of coke and refined petroleum products	75102,4	7,2	77891,3	6,0	63056,1	4,6
Manufacture of chemicals and chemical products	32420,4	3,1	52674,3	4,0	55966,7	4,1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	7396,7	0,7	8860,0	0,7	10457,3	0,8
Manufacture of rubber and plastic products, manufacture of other non-metallic mineral products	45791,8	4,4	55583,0	4,2	58714,8	4,3
Manufacture of basic metals, manufacture of fabricated metal products, manufacture of except machinery and equipment	200001,9	19,1	241884,7	18,5	223294,1	16,3
Engineering	97056,9	9,3	130847,9	10,1	140539,3	10,3
Manufacture of computer, electronic and optical products	6691,4	0,7	11529,0	0,9	7876,8	0,6
Manufacture of electrical equipment	15755,2	1,5	16715,6	1,3	22141,3	1,6
Manufacture of machinery and equipment n.e.c.	30608,7	2,9	37622,8	2,9	37567,8	2,8
Manufacture of transport equipment, trailers and semi-trailers and other	44001,6	4,2	64980,5	5,0	72953,4	5,3
Manufacture of furniture and other manufacturing, repair and installation of machinery and equipment	22712,0	2,2	27052,9	2,1	29381,1	2,1
Electricity, gas, steam and air conditioning supply	217430,1	20,8	289016,2	22,2	333248,2	24,4
Water supply, sewerage, waste management and remediation	18259,2	1,8	20006,7	1,5	19588,8	1,4

¹ Data have been compiled by functional approach (tool for integrating data according to which indicators of activity are compiled by homogeneous type of activity)

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

by type of economic activity

2013		2014		2015		2016	
mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
1322408,4	100,0	1428839,1	100,0	1776603,7	100,0	2128866,8	100,0
151575,3	11,5	154700,8	10,8	191599,3	10,8	239140,0	11,2
817734,3	61,8	903735,3	63,3	1139213,2	64,1	1297662,5	61,0
253439,0	19,2	302391,9	21,2	398023,2	22,4	459196,0	21,6
9606,0	0,7	11510,0	0,8	17384,4	1,0	20020,0	0,9
35934,9	2,7	43816,7	3,1	60146,2	3,4	69428,3	3,3
48864,5	3,7	47126,1	3,3	59971,7	3,4	67537,1	3,2
48508,1	3,7	49808,2	3,5	68010,1	3,8	60103,8	2,8
12202,9	0,9	14595,8	1,0	20295,8	1,1	26061,9	1,2
58386,8	4,4	64212,5	4,5	85969,9	4,8	106374,6	5,0
207305,3	15,7	237393,0	16,6	278502,8	15,7	317048,6	14,9
113926,6	8,6	101924,7	7,1	115261,7	6,5	130290,2	6,1
7508,7	0,6	8133,4	0,6	8772,9	0,5	12153,4	0,6
21832,4	1,6	21005,7	1,5	24038,5	1,3	26587,0	1,2
34782,4	2,6	33524,8	2,3	41998,0	2,4	49562,0	2,3
49803,1	3,8	39260,8	2,7	40452,3	2,3	41987,8	2,0
29560,2	2,2	30956,4	2,2	35647,4	2,0	41602,0	2,0
333400,6	25,2	351803,2	24,6	424705,2	23,9	568935,4	26,7
19698,2	1,5	18599,8	1,3	21086,0	1,2	23128,9	1,1

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.19. Agricultural production, by category of enterprises*(at constant prices of 2010; mln. UAH)*

	2010	2011	2012	2013	2014	2015	2016
Holdings of all categories							
Agricultural production	187526,1	225381,8	216589,8	246109,4	251427,2	239467,3	254640,5
Crop output	120591,4	157561,9	145843,6	172131,2	177707,9	168439,0	185052,1
Livestock product	66934,7	67819,9	70746,2	73978,2	73719,3	71028,3	69588,4
Agricultural enterprises							
Agricultural production	90792,0	117110,9	110071,7	133683,1	139058,4	131918,6	145119,0
Crop output	64860,6	89572,9	80462,6	101297,0	105529,5	99584,7	113392,6
Livestock product	25931,4	27538,0	29609,1	32386,1	33528,9	32333,9	31726,4
of which farms							
Agricultural production	11726,1	15858,2	13906,5	18903,4	19188,8	18909,3	22101,4
Crop output	10617,4	14677,5	12651,2	17517,9	17847,0	17565,4	20705,3
Livestock product	1108,7	1180,7	1255,3	1385,5	1341,8	1343,9	1396,1
Agricultural holdings of households							
Agricultural production	96734,1	108270,9	106518,1	112426,3	112368,8	107548,7	109521,5
Crop output	55730,8	67989,0	65381,0	70834,2	72178,4	68854,3	71659,5
Livestock product	41003,3	40281,9	41137,1	41592,1	40190,4	38694,4	37862,0

27.20. Agricultural production indices, by category of enterprises*(percent)*

	Enterprises of all categories			Including					
				agricultural enterprises			agricultural holdings of the household		
	agricultural produce	of which		agricultural produce	of which		agricultural produce	of which	
		crop products	animal products		crop products	animal products		crop products	animal products
1990 = 100									
2010	69,1	86,6	50,6	47,7	57,7	33,3	119,2	207,7	75,5
2011	83,0	113,2	51,3	61,5	79,7	35,4	133,4	253,4	74,1
2012	79,8	104,7	53,5	57,8	71,6	38,0	131,2	243,6	75,7
2013	90,7	123,6	56,0	70,3	90,1	41,6	138,5	264,0	76,6
2014	92,6	127,6	55,8	73,1	93,9	43,1	138,4	269,0	74,0
2015	88,2	121,0	53,7	69,3	88,6	41,5	132,5	256,6	71,2
2016	93,8	132,9	52,6	76,3	100,9	40,7	134,9	267,0	69,7
To the previous year									
2010	98,6	95,9	103,6	97,7	93,7	109,2	99,4	98,7	100,4
2011	120,2	130,7	101,3	129,0	138,1	106,2	111,9	122,0	98,2
2012	96,1	92,6	104,3	94,0	89,8	107,5	98,4	96,2	102,1
2013	113,6	118,0	104,6	121,5	125,9	109,4	105,5	108,3	101,1
2014	102,2	103,2	99,7	104,0	104,2	103,5	99,9	101,9	96,6
2015	95,2	94,8	96,3	94,9	94,4	96,4	95,7	95,4	96,3
2016	106,3	109,9	98,0	110,0	113,9	98,1	101,8	104,1	97,8

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.21. Capital investment by type of assets

	2010	2011	2012	2013	2014	2015	2016
At current prices, mln. UAH							
Total	180576	241286	273256	249873	219420	273116	359216
Investment into material assets	173663	231910	264854	239393	212035	254731	347390
residential buildings	25754	26582	34256	36129	33177	45610	44865
non-residential buildings	37157	49114	54773	45252	40860	43331	59398
engineering structure	39063	57935	61380	51844	46599	50949	67517
machines, equipment and stock	54059	71771	77016	79033	68949	84423	123133
transport vehicles	11025	17014	27016	16247	13830	19650	36686
land	1182	2270	1755	1019	999	1442	1916
long-term biological assets of crop growing and cattle raising	1797	2890	1780	2358	2034	2762	3162
other material assets	3626	4334	6878	7511	5587	6564	10713
Investment into non-material assets	6913	9376	8402	10480	7385	18385	11826
including							
software and data bases	2802	3254	3409	3478	3207	4908	6315
rights on commercial notations, objects of industrial ownership, author's rights and related rights, patents, licences, concessions, etc	3044	4102	3656	5632	2974	12458	4181
Percentage of total							
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Investment into material assets	96,2	96,1	96,9	95,8	96,6	93,3	96,7
residential buildings	14,3	11,0	12,5	14,5	15,1	16,7	12,5
non-residential buildings	20,6	20,4	20,0	18,1	18,6	15,9	16,5
engineering structure	21,6	24,0	22,5	20,8	21,2	18,7	18,8
machines, equipment and stock	29,9	29,7	28,2	31,6	31,4	30,9	34,3
transport vehicles	6,1	7,1	9,9	6,5	6,3	7,2	10,2
land	0,7	0,9	0,6	0,4	0,5	0,5	0,5
long-term biological assets of crop growing and cattle raising	1,0	1,2	0,7	0,9	1,0	1,0	0,9
other material assets	2,0	1,8	2,5	3,0	2,5	2,4	3,0
Investment into non-material assets	3,8	3,9	3,1	4,2	3,4	6,7	3,3
including							
software and data bases	1,6	1,3	1,2	1,4	1,5	1,8	1,8
rights on commercial notations, objects of industrial ownership, author's rights and related rights, patents, licences, concessions, etc	1,7	1,7	1,3	2,3	1,4	4,6	1,2

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.22. Indices for capital investment, by type of economic activity*(percent of the previous year)*

	2011	2012	2013	2014	2015	2016
Total	114,2	108,3	92,1	75,9	98,3	118,0
Agriculture, forestry and fishing	135,4	112,6	102,0	84,6	127,1	149,5
Agriculture, hunting and related services	135,9	112,9	101,5	84,6	126,1	151,4
Forestry and logging	144,7	88,3	142,9	87,9	166,1	89,2
Fishing	32,4	199,7	70,1	48,5	248,5	59,4
Industry	125,5	107,3	109,1	74,3	80,1	118,7
Construction	92,5	116,4	94,6	80,7	96,4	91,3
Wholesale and retail trade; repair of motor vehicles and motorcycles	105,6	112,6	95,2	73,9	75,7	125,0
Wholesale and retail trade and repair of motor vehicles and motorcycles	175,8	50,6	77,1	79,3	122,8	113,1
Wholesale trade, except of motor vehicles and motorcycles	99,1	128,4	98,1	68,3	72,4	123,0
Retail trade, except of motor vehicles and motorcycles	104,3	101,0	90,6	90,5	76,8	132,1
Transport and storage, postal and courier activities	113,8	116,4	57,1	72,2	93,0	135,2
Land and via pipeline transport	112,8	156,4	37,7	59,5	166,7	180,2
Water transport	340,3	175,1	88,9	169,5	129,3	60,1
Air transport	117,4	110,8	71,3	49,7	166,5	100,6
Warehousing and support activities for transport	113,8	93,1	73,9	78,9	64,2	100,1
Postal and courier activities	111,8	250,1	55,6	49,8	56,8	124,5
Accommodation and food service activities	117,6	119,5	72,1	103,1	67,4	136,3
Accommodation	112,4	116,9	55,8	135,3	61,4	121,3
Food and beverage service activities	126,8	123,7	96,6	75,3	76,7	154,8
Information and communication	75,1	101,4	110,7	75,9	221,8	63,1
Publishing, audiovisual and broadcasting activities	72,1	92,2	125,4	83,7	100,4	107,8
Telecommunications	73,2	103,9	107,2	73,7	261,6	53,8
IT and other information services	133,8	95,0	118,3	81,1	139,1	160,2
Financial and insurance activities	76,7	126,9	96,8	88,6	82,3	108,3
Real estate activities	125,9	71,9	111,1	79,4	82,5	175,2
Professional, scientific and technical activities	178,6	92,7	36,2	66,1	117,9	127,4
Legal, accounting, management, architecture, engineering, technical testing and analysis activities	185,3	91,9	28,0	78,9	112,5	126,0
Scientific research and development	118,8	106,4	112,9	41,3	124,7	104,5
Advertising and market research, other professional, scientific and technical activities, veterinary activities	159,9	93,9	93,0	30,9	184,3	175,3
Administrative and support service activities	108,1	203,1	49,4	103,0	136,9	145,9
Public administration and defence, compulsory social security	140,7	97,7	59,1	57,8	226,2	139,4
Education	90,3	67,6	66,5	64,9	152,7	143,8
Human health and social work activities	105,8	122,9	74,1	43,9	145,8	198,5
Arts, entertainment and recreation	115,3	97,0	148,1	31,8	144,2	77,8
Other services	193,1	29,5	35,3	94,8	106,7	119,4

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27.23. Indices of construction output*(percent of the previous year)*

	2011	2012	2013	2014	2015	2016
Total	120,0	92,7	89,0	79,6	87,7	117,4
Buildings	114,9	93,9	96,6	79,6	91,9	120,7
residential	101,7	93,5	111,3	103,5	98,9	117,8
non-residential	122,1	94,1	90,0	66,3	85,8	123,7
Engineering structures	124,4	91,7	82,8	79,7	83,7	114,0

27.24. Freight traffic, by mode of transport*(bln.tkm)*

	2010	2011	2012	2013	2014	2015	2016
Transport	411,1	437,9	405,9	393,3	353,6	334,7	344,2
Land	401,9	430,5	400,3	388,4	348,0	329,1	340,0
rail ¹	212,1	237,7	232,4	219,5	210,2	195,1	187,6
road ²	52,8	56,3	56,4	57,4	56,0	53,3	58,0
pipeline	137,0	136,5	111,5	111,4	81,8	80,7	94,4
Water	8,8	7,1	5,2	4,6	5,4	5,4	4,0
sea	5,0	4,9	3,5	3,2	4,1	3,9	2,5
river	3,8	2,2	1,7	1,4	1,3	1,6	1,5
Air ³	0,4	0,4	0,4	0,3	0,2	0,2	0,2

¹ According to data from Public joint-stock partnership *Ukrainian rail*² Including shipments for one's own needs and commercial cargo shipments by natural persons-entrepreneurs³ According to data from the state Aviation Administration of Ukraine**27.25. Passenger traffic by mode of transport***(bln.passenger.km)*

	2010	2011	2012	2013	2014	2015	2016
Transport	122,9	126,6	124,8	120,2	106,3	97,0	102,2
Land	111,9	112,7	110,4	107,9	94,8	85,6	86,7
rail ¹	46,7	47,1	45,8	45,5	35,9	35,4	36,8
bus ²	49,4	48,6	47,7	46,1	42,6	34,6	34,6
tram	3,9	4,4	4,4	4,1	4,3	4,2	4,0
trolley-bus	6,1	6,7	6,6	6,3	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	0,0	0,0	0,0	0,0	0,0	0,0	0,0
river	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Air ³	10,9	13,8	14,3	12,2	11,6	11,4	15,5

¹ According to data from Public joint-stock partnership *Ukrainian rail*. Including passengers transported by city rail² Including automobile passenger transportation by small businesses (natural and legal persons)³ See the third footnote to Table 27.24

27.26. Commodity structure of foreign trade in 2010/2016

	2010				2011			
	Exports		Imports		Exports		Imports	
	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent
Total	50744,3	100,0	60352,0	100,0	67594,1	100,0	81040,5	100,0
including by UCCFT ¹ category								
livestock and products of cattle farming	770,8	1,5	1216,7	2,0	935,0	1,4	1008,3	1,2
products of plant-growing industry	3949,9	7,8	1526,9	2,5	5514,5	8,2	1774,3	2,2
animal and vegetable oils and fats	2605,0	5,1	451,6	0,7	3380,8	5,0	468,6	0,6
finished foodstuffs	2524,1	5,0	2488,9	4,1	2902,0	4,3	3003,8	3,7
mineral products	6716,2	13,2	21088,1	34,9	10175,5	15,1	29954,6	37,0
products of chemical industry and other industries related to chemical	3209,3	6,3	6435,5	10,7	5030,4	7,4	7999,1	9,9
polymeric materials, plastic and similar	680,6	1,3	3646,2	6,0	933,2	1,4	4471,5	5,5
raw leather, cleansed leather	173,8	0,3	175,7	0,3	168,4	0,2	199,7	0,2
wood and wood products	827,9	1,6	331,1	0,5	1077,6	1,6	381,4	0,5
wood mass or mass of other fibrous materials cellulosic	939,5	1,9	1659,9	2,8	1104,4	1,6	1830,6	2,3
textiles and textile products	734,6	1,4	1974,6	3,3	862,2	1,3	1977,4	2,4
footwear, head-dress and umbrellas	174,7	0,3	490,0	0,8	208,8	0,3	361,2	0,4
articles of stone, plaster, cement	398,6	0,8	884,5	1,5	548,4	0,8	1150,3	1,4
natural or cultured pearls, precious or semiprecious stones	73,7	0,1	302,3	0,5	100,4	0,1	743,0	0,9
non-precious metals and articles thereof	17272,6	34,0	4090,0	6,8	22032,4	32,6	5588,7	6,9
machines, equipment and machinery; electrotechnical equipment	5563,2	11,0	8076,3	13,4	6630,8	9,8	11792,4	14,6
vehicles for land transport, flying devices, floating crafts	3139,1	6,2	3659,2	6,1	4790,9	7,1	6038,7	7,5
optical and photographic devices and instruments	246,3	0,5	880,5	1,5	278,5	0,4	1027,2	1,3
miscellaneous manufactured goods	414,7	0,8	680,0	1,1	554,4	0,8	842,0	1,0
art products	0,2	0,0	2,4	0,0	1,1	0,0	24,3	0,0
goods purchased at ports	20,8	0,0	247,8	0,4	22,0	0,0	360,2	0,4

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Table 27.26 continued

	2012				2013			
	Exports		Imports		Exports		Imports	
	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent
Total	67779,8	100,0	83135,4	100,0	62305,9	100,0	75834,6	100,0
including by UCCFT ¹ category								
livestock and products of cattle farming	959,2	1,4	1681,3	2,0	1083,1	1,7	1850,4	2,4
products of plant-growing industry	9173,1	13,5	2366,1	2,8	8849,1	14,2	2607,6	3,4
animal and vegetable oils and fats	4184,6	6,2	406,2	0,5	3497,4	5,6	403,3	0,5
finished foodstuffs	3474,5	5,1	2938,8	3,5	3500,5	5,6	3177,9	4,2
mineral products	7487,8	11,0	27520,7	33,1	7190,1	11,5	22268,0	29,4
products of chemical industry and other industries related to chemical	4713,9	7,0	8561,2	10,3	4008,9	6,4	8407,1	11,1
polymeric materials, plastic and similar	995,0	1,5	4432,7	5,3	784,8	1,3	4566,0	6,0
raw leather, cleansed leather	132,4	0,2	246,9	0,3	148,9	0,2	256,2	0,3
wood and wood products	1059,8	1,6	358,0	0,4	1143,7	1,8	404,1	0,5
wood mass or mass of other fibrous cellulosic materials	1129,8	1,7	1806,3	2,2	1245,1	2,0	1892,1	2,5
textiles and textile products	782,4	1,2	2544,5	3,1	809,4	1,3	2402,1	3,2
footwear, head-dress and umbrellas	175,9	0,3	792,7	1,0	198,7	0,3	790,9	1,0
articles of stone, plaster, cement	581,8	0,9	1095,5	1,3	582,2	0,9	1127,5	1,5
natural or cultured pearls, precious or semiprecious stones	140,0	0,2	492,9	0,6	118,4	0,2	689,7	0,9
non-precious metals and articles thereof	18825,7	27,8	5179,8	6,2	17525,2	28,1	4953,2	6,5
machines, equipment and machinery; electrotechnical equipment	6872,4	10,1	12923,8	15,5	6826,5	11,0	11850,2	15,6
vehicles for land transport, flying devices, floating crafts	5775,0	8,5	7163,8	8,6	3274,2	5,3	5851,7	7,7
optical and photographic devices and instruments	291,5	0,4	1202,2	1,4	291,1	0,5	1075,9	1,4
miscellaneous manufactured goods	607,4	0,9	1006,0	1,2	658,9	1,1	883,2	1,2
art products	0,3	0,0	8,1	0,0	0,6	0,0	23,2	0,0
goods purchased at ports	23,3	0,0	353,7	0,4	20,9	0,0	279,9	0,4

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.26 continued

	2014				2015			
	Exports		Imports		Exports		Imports	
	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent
Total	53901,7	100,0	54428,7	100,0	38127,1	100,0	37516,4	100,0
including by UCCFT ¹ category								
livestock and products of cattle farming	1014,5	1,9	1124,1	2,1	823,4	2,2	548,2	1,5
products of plant-growing industry	8736,1	16,2	2031,6	3,7	7971,5	20,9	1146,2	3,1
animal and vegetable oils and fats	3822,0	7,1	301,7	0,6	3299,8	8,7	182,3	0,5
finished foodstuffs	3096,3	5,7	2601,8	4,8	2468,4	6,5	1607,7	4,3
mineral products	6103,5	11,3	16095,4	29,6	3099,5	8,1	11690,0	31,2
products of chemical industry and other industries related to chemical	3054,1	5,7	6782,2	12,5	2130,8	5,6	5009,2	13,4
polymeric materials, plastic and similar	586,4	1,1	3638,1	6,7	412,6	1,1	2646,2	7,1
raw leather, cleansed leather	156,7	0,3	222,7	0,4	114,7	0,3	167,4	0,4
wood and wood products	1262,6	2,3	294,5	0,5	1107,2	2,9	148,2	0,4
wood mass or mass of other fibrous cellulosic materials	985,6	1,8	1289,7	2,4	617,1	1,6	878,1	2,3
textiles and textile products	785,8	1,5	1883,3	3,5	634,2	1,7	1414,6	3,8
footwear, head-dress and umbrellas	202,8	0,4	430,7	0,8	150,8	0,4	248,3	0,7
articles of stone, plaster, cement	479,3	0,9	801,5	1,5	331,6	0,9	510,0	1,4
natural or cultured pearls, precious or semiprecious stones	161,4	0,3	296,8	0,5	82,0	0,2	71,9	0,2
non-precious metals and articles thereof	15229,0	28,3	3324,4	6,1	9470,7	24,8	2004,2	5,3
machines, equipment and machinery; electrotechnical equipment	5657,2	10,5	8720,8	16,0	3940,9	10,3	6273,4	16,7
vehicles for land transport, flying devices, floating crafts	1472,1	2,7	2648,2	4,9	679,2	1,8	1743,6	4,6
optical and photographic devices and instruments	232,0	0,4	672,9	1,2	158,6	0,4	463,8	1,2
miscellaneous manufactured goods	736,3	1,4	902,1	1,7	524,3	1,4	511,9	1,4
art products	0,2	0,0	8,8	0,0	0,3	0,0	0,6	0,0
goods purchased at ports	9,7	0,0	247,2	0,5	4,0	0,0	182,9	0,5

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.26 continued

	2016			
	Exports		Imports	
	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent
Total	36361,7	100,0	39249,8	100,0
including by UCCFT ¹ 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

¹ *The Ukrainian Classification of Commodities in Foreign Trade*

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.27. Structure of exports of services*(mln. USD)*

	2010 ¹	2011 ¹	2012 ¹	2013	2014	2015	2016
Total	11936,3	14180,3	14096,2	14233,2	11520,8	9736,6	9868,0
Services for the processing of material resources ¹	1030,7	1445,7	1577,8	1722,1	1334,4	1078,3	1125,7
services for the processing of goods in the domestic economy ¹	74,2	120,2	89,3	15,3	18,7	18,9	8,7
services for processing of goods abroad ²	956,5	1325,5	1488,5	1706,8	1315,7	1059,5	1117,0
Services for repair and technical maintenance not related to other categories	437,4	639,2	602,4	349,7	298,2	192,2	231,9
Transport services	7662,9	8848,1	8287,1	7981,8	6101,9	5263,2	5300,5
sea transport services	1120,5	1104,6	1099,4	1022,3	850,9	735,9	661,6
river transport services	72,7	83,0	63,1	40,4	46,3	44,5	29,9
air transport services	1166,2	1481,8	1485,1	1299,1	1071,3	853,6	882,8
rail transport services	1481,0	1772,9	1574,3	1531,9	1098,8	751,3	561,1
motor transport services	252,5	392,0	447,3	439,0	459,6	249,1	237,9
pipe transport services	3357,7	3755,0	3247,3	3329,0	2207,9	2258,0	2630,7
transmission of electric energy	0,2	0,8	3,2	0,4	3,3	5,4	2,3
other auxiliary and additional transport services	186,2	230,4	337,8	275,1	330,1	341,6	262,9
mail and courier services	25,7	27,7	29,8	44,6	33,7	23,7	31,2
Services connected with travels	253,1	301,9	392,5	358,1	228,0	200,9	205,2
Services for construction	135,4	201,0	219,0	224,8	232,0	291,6	389,3
Services for insurance	68,7	111,6	113,8	87,3	44,8	46,1	53,7
Services connected with financial activity	476,7	312,3	248,3	337,8	222,1	190,8	83,1
Royalties and other services connected with usage of intellectual property	41,5	46,1	56,4	97,4	97,5	51,0	29,4
Services in the sphere of telecommunications, computer and information services	672,1	860,8	1113,5	1477,2	1675,6	1585,6	1644,1
Business services	1128,2	1374,7	1420,0	1543,8	1250,4	816,7	790,6
Services rendered to individual persons, cultural and recreation services	28,0	35,3	60,3	36,0	31,3	15,8	10,8
State and government services	1,9	3,7	4,8	17,2	4,6	4,3	3,6

¹ The volumes of exports of services have been updated in line with the Technique for retrospective recalculation of value of services for processing in external economic activity (SSSU decree N 419 dated on December 31, 2014)

² The volumes of exports of services are calculated in line with the Technique for retrospective recalculation of value of services for processing in external economic activity (SSSU decree N 419 dated on December 31, 2014)

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.28. Structure of imports of services*(mln. USD)*

	2010 ¹	2011 ¹	2012 ¹	2013	2014	2015	2016
Total	5421,6	6214,2	6650,1	7523,0	6373,1	5523,0	5326,5
Services for the processing of material resources ¹	81,1	174,6	169,3	11,6	51,2	63,4	5,3
services for the processing of goods in the domestic economy ¹	36,0	74,2	90,1	0,6	0,0	0,0	0,1
services for processing of goods abroad ²	45,1	100,4	79,2	11,1	51,2	63,4	5,2
Services for repair and technical maintenance not related to other categories	47,0	44,2	46,9	122,9	106,5	85,8	90,8
Transport services	1165,0	1581,5	1713,5	1689,8	1376,6	1153,4	989,3
sea transport services	129,6	137,4	196,4	187,8	243,7	191,7	141,2
river transport services	1,2	1,0	0,4	0,2	1,1	0,6	0,4
air transport services	447,6	686,0	635,9	628,3	431,0	466,9	357,5
rail transport services	463,3	599,7	642,0	626,3	431,3	287,0	259,9
motor transport services	108,3	141,2	193,6	194,9	189,8	91,8	114,9
pipe transport services	0,6	0,5	0,9	3,5	52,6	98,1	87,2
transmission of electric energy	—	—	23,1	0,0	—	0,0	—
other auxiliary and additional transport services	10,2	12,2	17,9	33,5	15,7	11,3	20,9
mail and courier services	4,2	3,6	3,4	15,3	11,4	5,8	7,4
Services connected with travels	346,7	460,5	569,3	678,9	681,0	597,6	603,2
Services for construction	105,7	152,3	257,8	262,5	148,0	40,3	61,5
Services for insurance	111,6	121,7	158,6	167,6	84,1	74,0	119,0
Services connected with financial activity	1085,4	955,2	951,7	1009,8	800,3	874,7	561,1
Royalties and other services connected with usage of intellectual property	435,3	411,3	417,6	839,3	450,5	301,6	323,1
Services in the sphere of telecommunications, computer and information services	300,7	383,0	456,2	696,8	512,0	548,3	420,4
Business services	1019,4	1180,1	1083,6	1415,9	993,9	719,2	813,5
Services rendered to individual persons, cultural and recreation services	194,6	238,7	223,2	34,2	10,2	8,3	6,7
State and government services	529,1	511,1	602,6	593,8	1158,8	1056,4	1332,5

¹ The volumes of imports of services have been updated in line with the Technique for retrospective recalculation of value of services for processing in external economic activity (SSSU decree N 419 dated on December 31, 2014)

² The volumes of imports of services are calculated in line with the Technique for retrospective recalculation of value of services for processing in external economic activity (SSSU decree N 419 dated on December 31, 2014)

27.29. Direct investment (paid-in capital) from the world's countries into economy of Ukraine

(mln. USD)

	Volume of direct investment, as of January 1							As of December 31, 2016
	2010	2011	2012	2013	2014	2015	2016	
Total	38992,9	45370,0	48197,6	51705,3	53704,0	40725,4	36154,5	37655,5
Cyprus	8603,1	9620,5	12700,8	15907,7	17725,6	12769,4	10239,5	9691,6
Netherlands	7461,3	11389,8	9323,8	8727,6	9007,5	6986,7	6184,7	5753,9
Russian Federation	1900,2	2692,7	2876,1	3040,5	3525,9	2338,9	3036,9	4349,8
United Kingdom	2234,1	2229,9	2536,4	2496,9	2768,2	2153,4	1790,3	2046,3
Virgin Islands, British	1283,6	1384,9	1580,2	1888,2	2275,9	1988,3	1715,0	1766,5
Germany	6009,6	5001,2	5329,8	4496,3	2908,4	2105,2	1598,2	1606,6
Switzerland	785,7	852,7	939,3	1097,6	1351,0	1391,5	1390,8	1467,3
France	1381,1	2105,4	1993,1	1510,3	1520,5	1394,6	1305,4	1294,3
Austria	1674,7	1798,9	2317,5	2476,9	2314,0	1648,7	1559,8	1272,8
Luxembourg	263,0	435,4	488,9	559,5	555,8	398,8	363,9	965,4
Hungary	708,6	697,6	678,5	684,3	685,9	593,2	614,9	770,7
Poland	847,0	913,0	834,3	897,2	819,8	808,6	758,3	760,4
USA	1260,0	1107,6	966,6	976,5	934,7	701,6	634,1	698,8
Belize	112,9	132,4	151,7	809,2	1026,6	652,5	535,1	523,4
Other countries	4468,0	5008,0	5480,6	6136,6	6284,2	4794,0	4427,6	4687,7

27.30. Direct Ukrainian investment (paid-in capital) abroad, by country

(mln. USD)

	Volume of direct investment, as of January 1							As of December 31, 2016
	2010	2011	2012	2013	2014	2015	2016	
Total	5760,5	6402,8	6435,4	6568,1	6702,9	6456,2	6315,2	6340,6
Cyprus	5336,1	5900,1	5899,7	5917,6	5925,1	5926,1	5923,7	5930,5
Russian Federation	166,1	190,3	236,6	292,6	377,9	196,4	122,8	144,2
Latvia	31,9	87,9	80,4	95,5	98,6	85,0	69,8	67,0
Virgin Islands, British	20,8	25,8	25,8	25,8	25,8	25,8	51,3	57,6
Poland	47,3	47,0	46,3	52,3	56,4	53,4	50,2	44,4
Hungary	0,1	0,1	0,1	4,2	17,3	16,0	14,6	14,9
Estonia	—	—	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Lithuania	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Netherlands	... ¹	... ¹	0,1	13,5	14,2	12,5	11,2	10,7
Moldova, Republic of	15,2	15,2	16,7	16,9	16,9	10,7	7,8	7,1
Switzerland	5,1	9,3	9,2	5,7	8,2	7,3	7,3	7,1
Other countries	133,9	119,2	109,8	114,9	108,1	93,7	30,0	31,7

¹ Data are not published in order to ensure compliance with the requirements of Ukraine's law *On State Statistics* regarding confidentiality of statistical information

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.31. Trade turnover of domestic trade

(bln. UAH)

	2010	2011	2012	2013	2014	2015	2016
Wholesale turnover of enterprises	968,7	1085,2	1076,6	1057,8	988,0	1244,2	1556,0
Retail trade turnover ¹	513,5	649,2	767,0	838,2	901,9	1031,7	1175,3
of which retail trade turnover of enterprises that were engaged into retail trade activity	258,7	322,4	371,6	397,0	427,5	487,6	556,0

¹ Including data from the complete one-off survey and administrative data on network of retail trade that belong to natural persons-entrepreneurs

27.32. Commodity structure of retail turnover of enterprises¹

(mln. UAH)

	2010	2012	2013	2014	2015	2016
All goods	258693,0	371601,2	397006,7	427460,9	487558,1	555975,4
Food products	96737,8	141144,6	154665,9	170174,1	200236,4	227902,5
fresh and frozen meat and poultry	6048,7	8588,1	9914,6	10216,7	11745,1	12255,1
smoked and salted meat and sausage goods	6268,5	8193,2	9039,7	9139,0	10658,1	11169,6
canned meat, ready-to-eat meat products	871,4	1164,0	1708,0	1334,3	1440,9	1693,7
fish and sea foods	3138,5	4228,0	4479,5	4788,8	5114,9	5492,5
canned fish and ready-to-eat fish products	1211,9	1893,2	2197,9	2292,3	2319,5	2802,5
milk and dairy products	5114,0	6954,7	7817,0	8360,2	9898,9	12454,6
rennet cheese, processed and lactic cheese	3073,5	4689,0	5074,9	5564,8	6630,4	7935,8
butter	1345,6	1838,6	2041,5	2300,5	2493,7	3057,8
vegetable oil	1382,7	2146,4	2190,8	2402,2	3222,9	3194,9
fats animal food, margarine	365,7	368,0	392,1	417,2	510,4	520,4
eggs	1226,5	1842,8	2193,3	2417,5	3361,4	3606,1
sugar	1170,8	1072,1	1369,1	2059,3	2480,6	2380,0
confectionery (including ice cream)	8662,7	12198,5	13459,8	14696,7	18537,7	22648,8
bread and bakery products (excluding confectionary)	2796,4	3689,9	4035,4	4454,2	6277,9	7482,8
flour	516,3	677,3	759,1	976,0	1280,9	1192,7
cereals	1268,4	1684,9	1801,8	2461,0	3358,7	3645,3
macaroni	996,1	1239,8	1252,4	1866,7	2382,4	2678,8
potatoes	512,6	682,2	983,6	791,6	726,6	815,3
fresh vegetables	2099,6	2950,4	3585,2	4086,3	4934,9	5365,5
fresh fruits, berries, grapes, nuts	3358,2	5306,7	5362,8	6010,9	7198,0	9313,9
canned vegetables	1074,3	1412,1	1493,5	1485,4	1715,8	1878,8
canned fruit and berry	328,2	422,7	461,7	462,2	489,8	527,9
alcoholic beverages	18388,2	24342,3	25798,4	27064,4	31885,0	37326,7
soft drink	3192,7	4213,6	4435,0	4837,2	6317,7	7656,1
of which juice	1442,1	1812,0	1751,8	1878,5	2238,9	2464,0
mineral waters	1708,2	2525,6	2821,2	2885,3	3419,3	4026,4
tea	1226,2	1553,8	1681,8	1843,6	2511,2	2627,7
coffee	1953,5	2811,2	3124,0	3178,6	4282,5	4596,4
salt	71,9	102,5	108,8	161,3	197,4	239,4
tobacco products	11936,7	24617,4	26118,3	29884,4	31064,7	32942,4
other food products	5429,8	7735,6	8964,8	11735,5	13779,1	16374,6

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.32 continued

	2010	2012	2013	2014	2015	2016
Manufactured goods	161955,2	230456,6	242340,8	257286,8	287321,7	328072,9
textile goods and haberdashery	1050,2	1351,9	1629,3	1715,7	1529,3	1747,4
clothes	5387,4	8167,1	9439,4	10728,5	12752,3	15201,7
footwear	3381,5	4539,8	4925,8	4854,4	5486,2	5590,5
perfumery and cosmetics	6002,1	8941,1	9947,7	10903,4	14273,1	17862,5
watches and clocks and jewellery	854,3	1062,3	747,4	627,2	365,0	384,5
books, newspapers, magazines	2640,2	2949,7	2980,3	2417,8	2416,2	2591,8
stationery	822,8	1008,1	1070,8	980,8	1309,3	1431,9
computers, peripheral equipment, software	2872,6	4497,9	4184,8	3647,7	3413,3	4294,0
audio/video and telecommunication equipment	7146,7	8358,4	8741,9	9298,4	8757,1	11715,9
of which						
audio/video equipment	7146,7	5315,0	5033,1	4745,8	3523,6	4054,4
telephone sets mobile	—	2193,6	2930,5	3951,5	4472,7	6815,3
photo equipment, optical and precision, games and toys, other goods of cultural purpose	983,6	1358,8	1515,6	1801,1	2209,5	2607,0
motorcycles, parts and accessories for them	69,0	124,9	140,1	168,9	254,9	205,6
cars and automobile goods	21575,0	39755,4	41787,4	29565,2	30079,8	44502,7
including cars	17520,2	34119,3	35721,0	23992,4	23400,6	36212,4
tools and equipment for sport, camping	392,4	756,9	910,1	1143,1	1240,2	1375,4
furniture	1525,1	1923,9	2246,1	2057,4	2157,8	2542,0
carpets and surfacing for floor and walls	1483,1	2263,6	2379,3	2912,3	3415,8	4078,3
ceramics, glass, wood, cork, wicker, cutlery, non-electric appliances products	2966,5	3754,8	4122,2	2800,6	3124,1	3986,6
electric appliances and lighting	7722,8	10218,2	10402,9	11835,2	12710,2	14013,5
building materials and products of iron	9991,2	13206,2	13890,9	15880,4	17963,5	18760,6
detergents for washing, cleaning and caring for homework and automobiles, fertilizers and agrochemical products	4022,5	5249,0	6095,8	7253,4	8742,5	10217,3
material and equipment for homework (including garden stock)	1306,3	1774,7	1879,0	2235,7	2405,7	2863,2
pharmaceuticals	17532,7	23933,6	26930,9	31929,3	40600,3	48733,6
goods medical and orthopedic	2200,5	2856,2	3298,1	3934,9	5670,6	7247,4
optics for glasses	176,5	251,9	287,5	322,5	415,8	624,3
automobile gasoline	33991,4	44637,2	42694,6	47934,9	48243,0	46085,8
diesel fuel (gas oil)	13552,0	20723,4	22349,9	29992,0	31315,1	26716,5
lubricants	283,3	311,9	338,4	332,6	423,2	441,6
gas compressed and liquefied for automobiles	2976,8	5325,7	5596,4	7639,2	10508,7	12161,4
other articles of food	9047,0	11153,9	11808,1	12374,2	15539,2	20089,9

¹ Data are given on enterprises (legal persons) that carried out activity on retail trade

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.33. Basic indicators of business entities activity¹

	2010	2011	2012	2013	2014	2015	2016
Number of business entities							
Total, thsd.	2084,6	1614,1	1517,0	1624,5	1932,2	1974,3	1865,6
enterprises	360,2	358,7	347,1	372,8	341,0	343,4	306,4
percent of total entities	17,3	22,2	22,9	22,9	17,6	17,4	16,4
per 10 thsd. present population, units	83	83	80	86	79	80	72
natural persons-entrepreneurs	1724,4	1255,4	1169,9	1251,7	1591,2	1630,9	1559,2
percent of total entities	82,7	77,8	77,1	77,1	82,4	82,6	83,6
per 10 thsd. present population, units	396	290	271	290	370	381	365
Number of persons employed							
Total, thsd.	10300,8	9705,1	9533,0	9305,2	8796,7	8180,0	8069,0
enterprises							
thsd.	7639,1	7479,9	7388,3	7130,1	6298,5	5889,7	5761,8
percent of total employees	74,2	77,1	77,5	76,6	71,6	72,0	71,4
natural persons-entrepreneurs							
thsd.	2661,7	2225,2	2144,7	2175,1	2498,2	2290,3	2307,2
percent of total employees	25,8	22,9	22,5	23,4	28,4	28,0	28,6
Number of employees							
Total, thsd.	8464,8	8377,6	8265,4	7939,2	7100,0	6437,6	6421,6
enterprises							
thsd.	7527,5	7407,9	7290,7	7015,8	6193,0	5778,1	5673,6
percent of total employees	88,9	88,4	88,2	88,4	87,2	89,8	88,4
natural persons-entrepreneurs							
thsd.	937,3	969,8	974,7	923,4	907,0	659,5	748,0
percent of total employees	11,1	11,6	11,8	11,6	12,8	10,2	11,6
Volume of the sold products (goods, services)							
Total, mln. UAH	3510711,5	4107359,8	4345466,3	4217379,1	4459702,2	5556540,4	6703934,0
enterprises							
mln. UAH	3291816,1	3909856,3	4104434,6	3950427,9	4170659,9	5159067,1	6214729,4
percent of total volume of the sold products (goods, services)	93,8	95,2	94,5	93,7	93,5	92,8	92,7
natural persons-entrepreneurs							
mln. UAH	218895,4	197503,5	241031,7	266951,2	289042,3	397473,3	489204,6
percent of total volume of the sold products (goods, services)	6,2	4,8	5,5	6,3	6,5	7,2	7,3

¹ Excluding banks and budgetary institutions

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.34. Basic indicators of activity of large, medium, small and micro enterprises¹

	2010	2011	2012	2013	2014	2015	2016
Number of enterprises							
Total, units	360166	358662	347081	372811	341001	343440	306369
large enterprises							
units	567	642	682	646	497	423	382
percent of total entities	0,2	0,2	0,2	0,2	0,1	0,1	0,1
per 10 thsd. present population, units	0	0	0	0	0	0	0
middle-sized enterprises							
units	20010	19797	19292	18029	15906	15203	14869
percent of total entities	5,5	5,5	5,6	4,8	4,7	4,4	4,9
per 10 thsd. present population, units	5	5	4	4	4	4	4
small enterprises							
units	339589	338223	327107	354136	324598	327814	291118
percent of total entities	94,3	94,3	94,2	95,0	95,2	95,5	95,0
per 10 thsd. present population, units	78	78	76	82	75	76	68
of which micro enterprises							
units	285542	282524	272202	301356	278922	284241	247614
percent of total entities	79,3	78,8	78,4	80,8	81,8	82,8	80,8
per 10 thsd. present population, units	66	65	63	70	65	66	58
Number of persons employed							
Total, thsd.	7639,1	7479,9	7388,3	7130,1	6298,5	5889,7	5761,8
large enterprises							
thsd.	2359,9	2407,1	2441,1	2346,5	1915,1	1708,6	1583,6
percent of total persons employed	30,9	32,2	33,0	32,9	30,4	29,0	27,5
middle-sized enterprises							
thsd.	3225,7	3088,1	2992,8	2868,3	2696,5	2604,7	2568,6
percent of total persons employed	42,2	41,3	40,5	40,2	42,8	44,2	44,6
small enterprises							
thsd.	2053,5	1984,7	1954,4	1915,3	1686,9	1576,4	1609,6
percent of total persons employed	26,9	26,5	26,5	26,9	26,8	26,8	27,9
of which micro enterprises							
thsd.	790,8	748,2	749,9	756,2	723,5	691,4	692,1
percent of total persons employed	10,4	10,0	10,1	10,6	11,5	11,7	12,0

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.34 continued

	2010	2011	2012	2013	2014	2015	2016
Number of employees							
Total, thsd.	7527,5	7407,9	7290,7	7015,8	6193,0	5778,1	5673,6
large enterprises							
thsd.	2359,9	2407,1	2441,1	2346,4	1915,1	1708,6	1583,6
percent of total employees	31,4	32,5	33,5	33,4	30,9	29,6	27,9
middle-sized enterprises							
thsd.	3224,8	3087,1	2990,5	2866,4	2694,9	2603,2	2567,1
percent of total employees	42,8	41,7	41,0	40,9	43,5	45,0	45,3
small enterprises							
thsd.	1942,8	1913,7	1859,1	1803,0	1583,0	1466,3	1522,9
percent of total employees	25,8	25,8	25,5	25,7	25,6	25,4	26,8
of which micro enterprises							
thsd.	724,9	720,0	700,4	698,7	626,6	587,8	613,1
percent of total employees	9,6	9,7	9,6	10,0	10,1	10,2	10,8
Volume of the sold products (goods, services)							
Total, mln. UAH	3291816,1	3909856,3	4104434,6	3950427,9	4170659,9	5159067,1	6214729,4
large enterprises							
mln. UAH	1385435,1	1755364,8	1739791,6	1699522,6	1742507,9	2053189,5	2387762,8
percent of total volume of the sold products (goods, services)	42,1	44,9	42,4	43,0	41,8	39,8	38,4
middle-sized enterprises							
mln. UAH	1356922,4	1568169,4	1713573,4	1602838,8	1723151,5	2168764,8	2602415,8
percent of total volume of the sold products (goods, services)	41,2	40,1	41,7	40,6	41,3	42,0	41,9
small enterprises							
mln. UAH	549458,6	586322,1	651069,6	648066,5	705000,5	937112,8	1224550,8
percent of total volume of the sold products (goods, services)	16,7	15,0	15,9	16,4	16,9	18,2	19,7
of which micro enterprises							
mln. UAH	175856,3	183215,8	205568,9	208931,4	230729,3	307450,0	426467,0
percent of total volume of the sold products (goods, services)	5,3	4,7	5,0	5,3	5,5	6,0	6,9

¹ See the footnote to Table 27.33

27.35. Distribution of indicators of activity of large, medium, small and micro enterprises, by type of economic activity

	Year	Number of enterprises				
		total, units	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	360166	0,2	5,5	94,3	79,3
	2011	358662	0,2	5,5	94,3	78,8
	2012	347081	0,2	5,6	94,2	78,4
	2013	372811	0,2	4,8	95,0	80,8
	2014	341001	0,1	4,7	95,2	81,8
	2015	343440	0,1	4,4	95,5	82,8
	2016	306369	0,1	4,9	95,0	80,8
Agriculture, forestry and fishing	2010	48792	0,0	6,8	93,2	84,9
	2011	40130	0,0	7,8	92,2	79,4
	2012	45966	0,0	6,6	93,4	82,1
	2013	47990	0,0	5,9	94,1	83,2
	2014	46012	0,1	5,6	94,3	83,5
	2015	46744	0,1	5,4	94,5	83,9
	2016	45045	0,0	5,6	94,4	83,2
Industry	2010	45719	0,7	12,9	86,4	64,1
	2011	45531	0,8	12,7	86,5	63,6
	2012	41454	1,0	13,5	85,5	60,6
	2013	46850	0,8	11,4	87,8	66,0
	2014	42187	0,7	11,3	88,0	67,0
	2015	42564	0,6	11,0	88,4	68,2
	2016	39082	0,5	11,8	87,7	65,5
Construction	2010	35936	0,0	4,0	96,0	79,8
	2011	35642	0,0	3,9	96,1	79,5
	2012	32062	0,0	4,2	95,8	77,4
	2013	33799	0,0	3,5	96,5	80,5
	2014	29785	0,0	3,1	96,9	82,1
	2015	29165	0,0	2,7	97,3	84,0
	2016	24489	0,0	3,2	96,8	80,7

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of enterprises				
		total, units	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	105663	0,2	3,7	96,1	82,7
	2011	107423	0,2	3,7	96,1	82,9
	2012	99652	0,2	3,8	96,0	82,3
	2013	105772	0,1	3,4	96,5	84,3
	2014	93972	0,1	3,2	96,7	85,2
	2015	93643	0,1	2,9	97,0	86,1
	2016	82281	0,1	3,3	96,6	84,3
Transportation and storage, postal and courier activities	2010	12922	0,3	9,0	90,7	69,1
	2011	14177	0,2	8,5	91,3	70,2
	2012	14791	0,3	8,2	91,5	70,5
	2013	16052	0,2	7,5	92,3	73,3
	2014	14909	0,2	7,5	92,3	74,4
	2015	15148	0,2	7,3	92,5	75,7
	2016	13714	0,2	8,1	91,7	73,1
Accommodation and food service activities	2010	8650	0,0	4,3	95,7	75,5
	2011	8831	0,0	4,3	95,7	75,1
	2012	8389	0,0	4,7	95,3	75,0
	2013	8790	0,0	4,2	95,8	77,8
	2014	7885	0,0	3,7	96,3	80,4
	2015	7700	0,0	3,2	96,8	81,5
	2016	6587	0,0	3,7	96,3	78,4
Information and communication	2010	12634	0,1	3,1	96,8	81,2
	2011	13821	0,1	3,0	96,9	81,8
	2012	12853	0,1	3,1	96,8	80,0
	2013	14216	0,1	2,8	97,1	82,6
	2014	13319	0,0	2,8	97,2	83,4
	2015	13617	0,0	2,5	97,5	84,7
	2016	11954	0,1	2,8	97,1	83,1

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of enterprises				
		total, units	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	5554	0,1	7,9	92,0	78,6
	2011	5453	0,1	8,3	91,6	78,4
	2012	4847	0,2	10,3	89,5	74,7
	2013	4850	0,2	7,5	92,3	77,5
	2014	4410	0,0	7,4	92,6	77,4
	2015	4333	0,0	6,8	93,2	79,3
	2016	3797	0,0	6,9	93,1	78,1
Real estate activities	2010	25954	0,0	2,7	97,3	83,6
	2011	27171	0,0	2,6	97,4	84,1
	2012	30082	0,0	2,2	97,8	86,5
	2013	32718	0,0	1,7	98,3	88,5
	2014	31201	0,0	1,5	98,5	89,3
	2015	32719	0,0	1,5	98,5	89,9
	2016	30065	0,0	1,4	98,6	89,7
Professional, scientific and technical activities	2010	30777	0,0	2,9	97,1	85,4
	2011	31663	0,0	2,7	97,3	86,3
	2012	29610	0,0	2,9	97,1	85,9
	2013	32334	0,0	2,4	97,6	88,1
	2014	30028	0,0	2,3	97,7	88,8
	2015	29780	0,0	2,1	97,9	89,9
	2016	24903	0,0	2,3	97,7	88,2
Administrative and support service activities	2010	14754	0,0	6,7	93,3	73,2
	2011	15623	0,0	6,5	93,5	75,1
	2012	14929	0,0	7,0	93,0	73,5
	2013	16139	0,0	6,4	93,6	75,0
	2014	15177	0,0	5,9	94,1	76,4
	2015	15646	0,0	5,7	94,3	77,7
	2016	13662	0,0	6,4	93,6	74,8

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of enterprises				
		total, units	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	2280	0,0	4,5	95,5	76,7
	2011	2295	—	3,9	96,1	77,9
	2012	2027	—	3,6	96,4	77,3
	2013	2223	—	2,8	97,2	80,2
	2014	2081	—	2,8	97,2	81,2
	2015	2089	—	2,6	97,4	82,3
	2016	1875	—	2,8	97,2	79,9
Human health and social work activities	2010	4245	—	5,3	94,7	72,4
	2011	4438	—	4,9	95,1	72,2
	2012	4203	—	5,2	94,8	69,3
	2013	4447	—	4,5	95,5	70,6
	2014	4093	—	5,0	95,0	70,2
	2015	4307	—	6,2	93,8	69,2
	2016	3937	—	7,1	92,9	64,5
Arts, entertainment and recreation	2010	1880	0,1	5,4	94,5	82,3
	2011	2030	0,1	4,7	95,2	82,6
	2012	1823	0,2	7,1	92,7	76,2
	2013	2074	0,1	4,9	95,0	82,5
	2014	1946	0,2	4,9	94,9	83,6
	2015	2089	0,1	5,9	94,0	82,1
	2016	1708	0,1	6,6	93,3	78,0
Other services	2010	4406	—	1,9	98,1	79,4
	2011	4434	—	1,8	98,2	79,9
	2012	4393	—	1,3	98,7	81,3
	2013	4557	—	1,1	98,9	83,8
	2014	3996	—	1,1	98,9	86,1
	2015	3896	—	1,3	98,7	86,8
	2016	3270	—	1,4	98,6	85,4

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of persons employed				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	7639,1	30,9	42,2	26,9	10,4
	2011	7479,9	32,2	41,3	26,5	10,0
	2012	7388,3	33,0	40,5	26,5	10,1
	2013	7130,1	32,9	40,2	26,9	10,6
	2014	6298,5	30,4	42,8	26,8	11,5
	2015	5889,7	29,0	44,2	26,8	11,7
	2016	5761,8	27,5	44,6	27,9	12,0
Agriculture, forestry and fishing	2010	732,7	4,5	66,6	28,9	13,4
	2011	680,4	5,8	66,3	27,9	9,7
	2012	681,1	6,3	62,5	31,2	11,5
	2013	663,4	5,8	59,4	34,8	13,4
	2014	628,9	7,4	57,9	34,7	15,7
	2015	597,6	8,1	57,9	34,0	14,9
	2016	608,9	6,3	58,2	35,5	15,8
Industry	2010	2990,0	45,7	42,8	11,5	2,9
	2011	2942,8	47,5	41,3	11,2	2,8
	2012	2927,1	48,4	40,6	11,0	2,8
	2013	2823,2	47,1	41,2	11,7	3,1
	2014	2429,6	43,6	44,6	11,8	3,4
	2015	2252,1	39,0	48,8	12,2	3,6
	2016	2150,5	36,1	51,0	12,9	3,7
Construction	2010	446,0	2,6	44,6	52,8	19,2
	2011	409,8	2,8	45,5	51,7	18,5
	2012	391,6	2,7	45,9	51,4	18,1
	2013	355,5	2,9	44,9	52,2	19,2
	2014	286,1	0,8	46,0	53,2	22,3
	2015	248,1	1,3	43,7	55,0	24,4
	2016	243,0	1,3	41,4	57,3	24,0

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of persons employed				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	1196,4	21,8	34,4	43,8	19,4
	2011	1203,3	22,8	33,9	43,3	19,6
	2012	1157,4	25,9	32,3	41,8	19,0
	2013	1122,6	28,1	31,5	40,4	18,9
	2014	1015,2	27,7	33,6	38,7	19,2
	2015	925,7	26,7	34,3	39,0	20,0
	2016	941,2	26,8	33,2	40,0	20,0
Transportation and storage, postal and courier activities	2010	905,0	61,9	27,8	10,3	3,0
	2011	898,0	61,2	28,0	10,8	3,2
	2012	912,2	59,6	28,5	11,9	3,7
	2013	889,9	60,0	28,1	11,9	3,8
	2014	762,3	56,2	31,3	12,5	4,3
	2015	776,5	59,9	28,9	11,2	4,0
	2016	761,1	59,6	28,8	11,6	4,0
Accommodation and food service activities	2010	118,9	... ²	... ²	52,2	19,1
	2011	113,8	... ²	... ²	52,0	18,0
	2012	121,0	... ²	... ²	48,8	17,7
	2013	116,8	... ²	... ²	46,9	17,1
	2014	101,5	... ²	... ²	45,5	18,2
	2015	87,9	... ²	... ²	47,6	19,0
	2016	85,4	... ²	... ²	50,0	19,4
Information and communication	2010	228,4	40,2	26,8	33,0	13,9
	2011	226,5	37,5	28,4	34,1	13,9
	2012	214,7	39,1	24,6	36,3	14,8
	2013	213,5	36,0	28,3	35,7	15,3
	2014	192,7	31,9	32,4	35,7	16,2
	2015	166,4	27,9	32,8	39,3	18,4
	2016	156,3	25,1	33,9	41,0	19,0

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of persons employed				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	80,4	22,9	45,2	31,9	14,2
	2011	78,3	25,1	43,8	31,1	14,6
	2012	68,4	23,3	45,7	31,0	14,5
	2013	62,1	13,5	52,6	33,9	15,4
	2014	61,8	... ²	... ²	30,7	14,8
	2015	54,6	... ²	... ²	30,9	15,2
	2016	64,2	... ²	... ²	27,9	13,6
Real estate activities	2010	228,7	... ²	... ²	64,0	26,9
	2011	214,4	... ²	... ²	65,1	27,9
	2012	205,5	0,7	31,0	68,3	33,5
	2013	190,3	1,3	26,8	71,9	36,7
	2014	172,2	... ²	... ²	71,3	38,5
	2015	167,7	... ²	... ²	73,3	40,7
	2016	163,3	... ²	... ²	74,7	42,1
Professional, scientific and technical activities	2010	288,8	2,4	46,9	50,7	24,7
	2011	278,8	3,2	45,3	51,5	25,2
	2012	271,5	4,4	44,8	50,8	25,8
	2013	253,8	4,5	42,8	52,7	28,0
	2014	232,2	5,8	43,3	50,9	28,8
	2015	203,4	3,2	43,8	53,0	30,5
	2016	195,8	... ²	... ²	54,2	30,2
Administrative and support service activities	2010	250,7	... ²	... ²	40,6	11,7
	2011	257,7	4,4	57,2	38,4	11,9
	2012	268,2	... ²	... ²	38,1	11,5
	2013	279,3	... ²	... ²	36,8	11,0
	2014	270,9	2,2	63,4	34,4	11,0
	2015	249,0	... ²	... ²	34,2	11,6
	2016	236,4	2,4	61,3	36,3	12,0

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of persons employed				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	33,5	... ²	... ²	47,9	17,1
	2011	31,9	—	49,9	50,1	18,0
	2012	24,8	—	44,4	55,6	20,4
	2013	23,5	—	40,4	59,6	22,4
	2014	20,6	—	40,2	59,8	24,0
	2015	19,6	—	38,8	61,2	25,9
	2016	18,1	—	34,9	65,1	26,0
Human health and social work activities	2010	73,0	—	57,7	42,3	15,1
	2011	75,6	—	52,9	47,1	16,3
	2012	76,7	—	52,0	48,0	16,0
	2013	71,6	—	50,5	49,5	16,2
	2014	67,7	—	52,2	47,8	16,4
	2015	86,3	—	61,1	38,9	13,2
	2016	87,9	—	60,2	39,8	12,5
Arts, entertainment and recreation	2010	27,0	... ²	... ²	33,9	13,7
	2011	30,4	... ²	... ²	33,4	12,7
	2012	35,2	16,8	55,1	28,1	10,0
	2013	34,0	20,3	52,7	27,0	10,6
	2014	31,2	22,8	49,5	27,7	11,3
	2015	31,3	9,7	60,7	29,6	11,8
	2016	27,8	... ²	... ²	33,6	11,8
Other services	2010	39,6	—	23,9	76,1	30,6
	2011	38,2	—	23,4	76,6	31,1
	2012	32,9	—	17,9	82,1	35,4
	2013	30,6	—	20,5	79,5	36,2
	2014	25,6	—	21,2	78,8	39,5
	2015	23,5	—	23,7	76,3	39,2
	2016	21,9	—	22,2	77,8	39,8

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of employees				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	7527,5	31,4	42,8	25,8	9,6
	2011	7407,9	32,5	41,7	25,8	9,7
	2012	7290,7	33,5	41,0	25,5	9,6
	2013	7015,8	33,4	40,9	25,7	10,0
	2014	6193,0	30,9	43,5	25,6	10,1
	2015	5778,1	29,6	45,0	25,4	10,2
	2016	5673,6	27,9	45,3	26,8	10,8
Agriculture, forestry and fishing	2010	691,0	4,8	70,6	24,6	8,6
	2011	677,2	5,8	66,6	27,6	9,5
	2012	667,3	6,4	63,8	29,8	10,8
	2013	629,6	6,2	62,5	31,3	11,4
	2014	596,0	7,8	61,1	31,1	11,3
	2015	569,4	8,5	60,7	30,8	10,9
	2016	578,1	6,6	61,3	32,1	11,7
Industry	2010	2981,6	45,8	42,9	11,3	2,9
	2011	2934,9	47,6	41,4	11,0	2,8
	2012	2915,7	48,6	40,7	10,7	2,6
	2013	2811,8	47,3	41,3	11,4	3,0
	2014	2419,3	43,8	44,8	11,4	3,0
	2015	2241,4	39,1	49,0	11,9	3,3
	2016	2142,3	36,2	51,2	12,6	3,4
Construction	2010	437,8	2,7	45,4	51,9	18,9
	2011	401,9	2,8	46,4	50,8	18,2
	2012	381,5	2,7	47,1	50,2	17,5
	2013	346,7	2,9	46,0	51,1	18,6
	2014	278,2	0,8	47,2	52,0	20,3
	2015	239,2	1,4	45,3	53,3	21,8
	2016	237,8	1,3	42,3	56,4	22,7

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of employees				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	1 173,1	22,2	35,1	42,7	18,9
	2011	1 179,6	23,2	34,6	42,2	19,1
	2012	1 130,2	26,6	33,0	40,4	18,2
	2013	1 097,2	28,8	32,2	39,0	18,2
	2014	993,4	28,3	34,3	37,4	17,6
	2015	899,9	27,5	35,2	37,3	17,9
	2016	924,3	27,3	33,7	39,0	18,7
Transportation and storage, postal and courier activities	2010	901,5	62,1	27,9	10,0	2,9
	2011	894,4	61,5	28,0	10,5	3,1
	2012	905,9	60,0	28,6	11,4	3,5
	2013	886,5	60,2	28,2	11,6	3,7
	2014	758,8	56,5	31,4	12,1	4,0
	2015	772,7	60,2	29,0	10,8	3,6
	2016	758,2	59,9	28,9	11,2	3,8
Accommodation and food service activities	2010	117,1	... ²	... ²	51,5	18,8
	2011	112,2	... ²	... ²	51,3	17,7
	2012	118,5	... ²	... ²	47,7	17,0
	2013	114,5	... ²	... ²	45,8	16,3
	2014	99,3	... ²	... ²	44,3	16,5
	2015	85,5	... ²	... ²	46,2	17,0
	2016	83,8	... ²	... ²	49,1	18,2
Information and communication	2010	226,1	40,6	27,0	32,4	13,6
	2011	224,1	37,9	28,7	33,4	13,6
	2012	211,5	39,7	25,0	35,3	14,2
	2013	210,1	36,5	28,8	34,7	14,7
	2014	189,6	32,4	32,9	34,7	15,0
	2015	162,3	28,6	33,6	37,8	16,5
	2016	153,4	25,5	34,6	39,9	17,7

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of employees				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	79,4	23,2	45,8	31,0	13,8
	2011	77,3	25,4	44,3	30,3	14,2
	2012	67,5	23,6	46,2	30,2	14,0
	2013	61,2	13,7	53,3	33,0	14,8
	2014	60,7	... ²	... ²	29,6	13,6
	2015	53,5	... ²	... ²	29,6	13,7
	2016	63,4	... ²	... ²	27,0	12,7
Real estate activities	2010	221,1	... ²	... ²	62,8	26,4
	2011	207,6	... ²	... ²	63,9	27,4
	2012	198,5	0,8	32,0	67,2	32,5
	2013	181,0	1,4	28,1	70,5	35,3
	2014	164,3	... ²	... ²	70,0	35,9
	2015	158,1	... ²	... ²	71,7	37,4
	2016	155,1	... ²	... ²	73,4	39,3
Professional, scientific and technical activities	2010	282,0	2,5	48,0	49,5	24,2
	2011	272,0	3,2	46,5	50,3	24,6
	2012	265,1	4,5	45,8	49,7	25,0
	2013	245,4	4,6	44,3	51,1	26,7
	2014	224,3	6,0	44,8	49,2	26,4
	2015	194,2	3,4	45,9	50,7	27,3
	2016	190,1	... ²	... ²	52,9	28,3
Administrative and support service activities	2010	246,4	... ²	... ²	39,5	11,4
	2011	253,2	4,4	58,2	37,4	11,5
	2012	263,6	... ²	... ²	37,1	11,0
	2013	275,3	... ²	... ²	36,0	10,4
	2014	267,1	2,3	64,3	33,4	9,8
	2015	244,7	... ²	... ²	33,0	10,1
	2016	233,6	2,5	62,0	35,5	11,0

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Number of employees				
		total, thsd.	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	32,9	... ²	... ²	47,0	16,7
	2011	31,4	—	50,7	49,3	17,7
	2012	24,3	—	45,3	54,7	19,8
	2013	22,9	—	41,3	58,7	21,6
	2014	20,1	—	41,1	58,9	22,4
	2015	19,0	—	40,0	60,0	24,0
	2016	17,8	—	35,4	64,6	25,0
Human health and social work activities	2010	72,0	—	58,4	41,6	14,8
	2011	74,7	—	53,6	46,4	16,1
	2012	74,7	—	53,3	46,7	15,4
	2013	70,7	—	51,1	48,9	15,9
	2014	66,8	—	52,9	47,1	15,4
	2015	85,2	—	61,8	38,2	12,3
	2016	87,2	—	60,6	39,4	12,0
Arts, entertainment and recreation	2010	26,8	... ²	... ²	33,3	13,5
	2011	30,1	... ²	... ²	32,7	12,5
	2012	34,6	17,1	56,0	26,9	8,7
	2013	33,4	20,7	53,6	25,7	9,8
	2014	30,6	23,3	50,5	26,2	9,6
	2015	30,7	9,9	62,0	28,1	10,0
	2016	27,4	... ²	... ²	32,6	10,6
Other services	2010	38,7	—	24,5	75,5	30,3
	2011	37,3	—	24,0	76,0	30,8
	2012	31,8	—	18,4	81,6	34,7
	2013	29,5	—	21,3	78,7	35,0
	2014	24,5	—	22,2	77,8	37,3
	2015	22,3	—	25,0	75,0	36,3
	2016	21,1	—	23,1	76,9	37,8

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Volume of the sold products (goods, services)				
		total, mln. UAH	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	3291816,1	42,1	41,2	16,7	5,3
	2011	3909856,3	44,9	40,1	15,0	4,7
	2012	4104434,6	42,4	41,7	15,9	5,0
	2013	3950427,9	43,0	40,6	16,4	5,3
	2014	4170659,9	41,8	41,3	16,9	5,5
	2015	5159067,1	39,8	42,0	18,2	6,0
	2016	6214729,4	38,4	41,9	19,7	6,9
Agriculture, forestry and fishing	2010	96726,3	12,0	65,2	22,8	10,1
	2011	122982,9	10,2	61,8	28,0	8,7
	2012	158710,5	12,0	57,7	30,3	9,2
	2013	158431,0	14,8	54,9	30,3	8,9
	2014	213929,8	14,8	54,7	30,5	9,0
	2015	362310,0	16,9	50,6	32,5	9,4
	2016	403977,7	13,1	51,3	35,6	11,3
Industry	2010	1136758,7	64,5	30,9	4,6	1,0
	2011	1435126,2	67,8	28,0	4,2	0,9
	2012	1464286,0	64,9	30,4	4,7	1,0
	2013	1439749,4	63,7	31,1	5,2	1,2
	2014	1546614,9	60,3	34,4	5,3	1,1
	2015	1887535,4	57,1	36,6	6,3	1,4
	2016	2249130,7	54,8	38,7	6,5	1,5
Construction	2010	92574,3	6,2	56,3	37,5	12,9
	2011	115934,8	10,0	56,1	33,9	9,9
	2012	151390,3	8,9	55,2	35,9	10,6
	2013	136545,2	11,5	49,6	38,9	11,8
	2014	150466,6	7,0	60,9	32,1	10,6
	2015	142871,9	13,4	42,3	44,3	16,2
	2016	168344,2	8,2	43,4	48,4	18,3

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Volume of the sold products (goods, services)				
		total, mln. UAH	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	1373192,3	29,7	45,4	24,9	7,9
	2011	1555998,9	31,0	46,7	22,3	7,1
	2012	1584321,7	30,3	47,7	22,0	7,2
	2013	1566633,8	31,5	47,0	21,5	7,1
	2014	1629690,6	32,2	45,1	22,7	7,7
	2015	1953257,7	28,9	47,7	23,4	8,1
	2016	2414132,9	28,2	45,8	26,0	9,5
Transportation and storage, postal and courier activities	2010	141061,4	61,9	27,7	10,4	3,2
	2011	181480,8	63,2	25,8	11,0	3,7
	2012	208600,6	58,8	28,0	13,2	4,2
	2013	202872,5	58,4	27,7	13,9	4,7
	2014	203561,3	53,0	32,7	14,3	4,8
	2015	293959,4	52,1	34,3	13,6	4,6
	2016	360613,2	52,4	34,2	13,4	4,8
Accommodation and food service activities	2010	10361,9	... ²	... ²	31,3	9,4
	2011	11488,0	... ²	... ²	32,2	9,5
	2012	14679,6	... ²	... ²	31,1	9,4
	2013	14738,4	... ²	... ²	31,3	9,3
	2014	14346,3	... ²	... ²	30,7	8,9
	2015	18250,0	... ²	... ²	29,4	8,8
	2016	21898,1	... ²	... ²	32,9	10,3
Information and communication	2010	65499,2	50,1	29,9	20,0	7,2
	2011	73883,9	48,8	31,0	20,2	7,0
	2012	78825,9	50,3	28,6	21,1	7,2
	2013	79839,9	49,2	30,0	20,8	7,4
	2014	84103,6	43,3	34,2	22,5	7,8
	2015	100590,4	38,3	36,0	25,7	9,4
	2016	116384,5	34,2	36,8	29,0	11,6

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Volume of the sold products (goods, services)				
		total, mln. UAH	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	163531,2	6,3	87,7	6,0	1,3
	2011	168759,8	5,6	89,1	5,3	1,4
	2012	164041,8	2,8	91,9	5,3	1,2
	2013	92086,9	4,4	85,7	9,9	2,2
	2014	58597,0	... ²	... ²	14,7	3,3
	2015	74175,6	... ²	... ²	15,6	2,7
	2016	57481,0	... ²	... ²	27,5	7,6
Real estate activities	2010	35310,3	... ²	... ²	56,9	20,2
	2011	38622,0	... ²	... ²	50,8	19,3
	2012	51476,9	3,5	44,8	51,7	20,9
	2013	48699,1	4,7	37,0	58,3	26,0
	2014	55103,9	... ²	... ²	57,0	25,0
	2015	75284,6	... ²	... ²	51,8	22,0
	2016	79824,7	... ²	... ²	58,8	27,6
Professional, scientific and technical activities	2010	143049,2	65,0	18,2	16,8	6,5
	2011	163439,6	67,7	18,3	14,0	5,2
	2012	175523,6	58,0	25,6	16,4	6,9
	2013	151456,9	51,5	29,3	19,2	8,1
	2014	145645,5	58,1	23,2	18,7	8,0
	2015	180668,7	63,1	18,8	18,1	7,5
	2016	258957,4	... ²	... ²	15,4	6,7
Administrative and support service activities	2010	22300,5	... ²	... ²	44,5	15,1
	2011	28075,0	5,6	56,2	38,2	13,3
	2012	33254,3	... ²	... ²	39,9	14,4
	2013	35340,4	... ²	... ²	38,5	14,1
	2014	41289,3	11,5	54,8	33,7	12,4
	2015	49242,3	... ²	... ²	38,0	12,8
	2016	59146,4	10,2	50,1	39,7	14,5

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.35 continued

	Year	Volume of the sold products (goods, services)				
		total, mln. UAH	of which, percent			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	1466,3	... ²	... ²	38,0	13,2
	2011	1597,9	—	53,5	46,5	17,9
	2012	1707,0	—	44,7	55,3	20,8
	2013	1709,9	—	39,6	60,4	20,5
	2014	1591,0	—	41,6	58,4	19,1
	2015	1975,6	—	42,8	57,2	19,8
	2016	2274,4	—	40,8	59,2	24,0
Human health and social work activities	2010	5098,9	—	71,7	28,3	7,5
	2011	5721,0	—	69,2	30,8	8,3
	2012	6727,1	—	68,9	31,1	7,9
	2013	7450,0	—	69,0	31,0	7,1
	2014	7509,4	—	69,5	30,5	7,2
	2015	10573,2	—	71,7	28,3	6,1
	2016	13903,0	—	71,3	28,7	6,0
Arts, entertainment and recreation	2010	2702,3	... ²	... ²	25,7	11,1
	2011	4240,1	... ²	... ²	22,2	8,2
	2012	7776,0	40,6	47,4	12,0	6,6
	2013	12381,6	25,3	65,4	9,3	4,8
	2014	15595,0	27,0	65,8	7,2	3,4
	2015	4995,1	39,6	33,9	26,5	12,6
	2016	4785,9	... ²	... ²	38,1	17,1
Other services	2010	2183,3	—	42,1	57,9	22,3
	2011	2505,4	—	40,5	59,5	22,8
	2012	3113,3	—	34,8	65,2	24,5
	2013	2492,9	—	31,5	68,5	30,4
	2014	2615,7	—	39,9	60,1	28,8
	2015	3377,2	—	46,1	53,9	23,2
	2016	3875,3	—	34,9	65,1	29,8

¹ See the footnote to Table 27.33² See the footnote to Table 27.30

**27.36. Share of indicators of activity of large, medium, small and micro enterprises
in general indicators of enterprises, by type of economic activity**

(percent)

	Year	Number of enterprises				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	13,6	2,3	16,5	13,4	14,5
	2011	11,2	2,5	15,8	10,9	11,3
	2012	13,2	3,7	15,7	13,1	13,9
	2013	12,9	4,2	15,6	12,7	13,2
	2014	13,5	5,6	16,3	13,4	13,8
	2015	13,6	6,8	16,7	13,5	13,8
	2016	14,7	5,2	16,9	14,6	15,1
Industry	2010	12,7	58,9	29,4	11,6	10,3
	2011	12,7	61,4	29,1	11,6	10,3
	2012	12,0	58,2	29,0	10,8	9,2
	2013	12,6	57,3	29,7	11,6	10,3
	2014	12,4	58,2	30,1	11,4	10,1
	2015	12,4	55,1	30,9	11,5	10,2
	2016	12,8	53,9	31,0	11,8	10,4
Construction	2010	10,0	1,6	7,1	10,2	10,1
	2011	9,9	1,6	7,0	10,1	10,0
	2012	9,2	1,8	6,9	9,4	9,1
	2013	9,1	2,0	6,5	9,2	9,0
	2014	8,7	0,8	5,8	8,9	8,8
	2015	8,5	1,2	5,2	8,7	8,6
	2016	8,0	0,8	5,2	8,1	8,0

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of enterprises				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	29,3	26,6	19,7	29,9	30,6
	2011	30,0	24,6	20,2	30,5	31,5
	2012	28,7	25,2	19,7	29,3	30,2
	2013	28,4	25,2	19,8	28,8	29,6
	2014	27,6	25,4	18,9	28,0	28,7
	2015	27,3	25,1	17,9	27,7	28,4
	2016	26,8	29,8	18,0	27,3	28,0
Transportation and storage, postal and courier activities	2010	3,6	5,6	5,8	3,5	3,1
	2011	3,9	5,1	6,1	3,8	3,5
	2012	4,3	5,3	6,3	4,1	3,8
	2013	4,3	5,7	6,7	4,2	3,9
	2014	4,4	5,6	7,1	4,2	4,0
	2015	4,4	7,6	7,3	4,3	4,0
	2016	4,5	5,8	7,4	4,3	4,1
Accommodation and food service activities	2010	2,4	0,3	1,9	2,4	2,3
	2011	2,5	0,3	1,9	2,5	2,3
	2012	2,4	0,3	2,0	2,5	2,3
	2013	2,3	0,1	2,0	2,4	2,3
	2014	2,3	0,2	1,8	2,3	2,3
	2015	2,2	0,2	1,6	2,3	2,2
	2016	2,1	0,3	1,6	2,2	2,1
Information and communication	2010	3,5	1,6	2,0	3,6	3,6
	2011	3,9	1,6	2,1	4,0	4,0
	2012	3,7	1,9	2,1	3,8	3,8
	2013	3,8	1,9	2,2	3,9	3,9
	2014	3,9	1,2	2,4	4,0	4,0
	2015	4,0	1,4	2,2	4,0	4,1
	2016	3,9	1,6	2,3	4,0	4,0

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of enterprises				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	1,5	1,2	2,2	1,5	1,5
	2011	1,5	1,1	2,3	1,5	1,5
	2012	1,4	1,6	2,6	1,3	1,3
	2013	1,3	1,2	2,0	1,3	1,2
	2014	1,3	0,2	2,0	1,3	1,2
	2015	1,3	0,2	1,9	1,2	1,2
	2016	1,2	0,3	1,8	1,2	1,2
Real estate activities	2010	7,2	0,2	3,5	7,4	7,6
	2011	7,6	0,1	3,5	7,8	8,1
	2012	8,7	0,5	3,4	9,0	9,6
	2013	8,8	0,5	3,1	9,1	9,6
	2014	9,1	0,2	3,0	9,5	10,0
	2015	9,5	0,5	3,2	9,8	10,4
	2016	9,8	0,3	2,8	10,2	10,9
Professional, scientific and technical activities	2010	8,6	0,9	4,5	8,8	9,2
	2011	8,8	1,1	4,4	9,1	9,7
	2012	8,5	1,0	4,4	8,8	9,3
	2013	8,7	0,9	4,3	8,9	9,5
	2014	8,8	1,2	4,4	9,0	9,6
	2015	8,7	0,7	4,1	8,9	9,4
	2016	8,1	0,5	3,8	8,4	8,9
Administrative and support service activities	2010	4,1	0,2	4,9	4,1	3,8
	2011	4,4	0,5	5,1	4,3	4,2
	2012	4,3	0,1	5,4	4,3	4,0
	2013	4,3	0,5	5,7	4,3	4,0
	2014	4,4	0,6	5,6	4,4	4,1
	2015	4,6	0,5	5,8	4,5	4,3
	2016	4,5	1,0	5,8	4,4	4,1

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of enterprises				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	0,6	0,2	0,5	0,6	0,6
	2011	0,6	—	0,5	0,7	0,6
	2012	0,6	—	0,4	0,6	0,6
	2013	0,6	—	0,4	0,6	0,6
	2014	0,6	—	0,4	0,6	0,6
	2015	0,6	—	0,4	0,6	0,6
	2016	0,6	—	0,4	0,6	0,6
Human health and social work activities	2010	1,2	—	1,1	1,2	1,1
	2011	1,2	—	1,1	1,3	1,1
	2012	1,2	—	1,1	1,2	1,1
	2013	1,2	—	1,1	1,2	1,0
	2014	1,2	—	1,3	1,2	1,0
	2015	1,2	—	1,7	1,2	1,0
	2016	1,3	—	1,9	1,3	1,0
Arts, entertainment and recreation	2010	0,5	0,4	0,5	0,5	0,5
	2011	0,6	0,1	0,5	0,6	0,6
	2012	0,5	0,4	0,7	0,5	0,5
	2013	0,5	0,5	0,6	0,5	0,6
	2014	0,6	0,8	0,6	0,6	0,6
	2015	0,6	0,7	0,8	0,6	0,6
	2016	0,6	0,5	0,8	0,5	0,5
Other services	2010	1,2	—	0,4	1,3	1,2
	2011	1,2	—	0,4	1,3	1,3
	2012	1,3	—	0,3	1,3	1,3
	2013	1,2	—	0,3	1,3	1,3
	2014	1,2	—	0,3	1,2	1,2
	2015	1,1	—	0,3	1,2	1,2
	2016	1,1	—	0,3	1,1	1,1

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of persons employed				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	9,6	1,4	15,1	10,3	12,4
	2011	9,1	1,6	14,6	9,6	8,8
	2012	9,2	1,8	14,2	10,8	10,4
	2013	9,3	1,7	13,7	12,0	11,8
	2014	10,0	2,4	13,5	12,9	13,6
	2015	10,2	2,8	13,3	12,9	12,9
	2016	10,6	2,4	13,8	13,4	13,9
Industry	2010	39,1	57,8	39,7	16,8	11,0
	2011	39,3	58,0	39,4	16,7	11,2
	2012	39,6	58,0	39,7	16,5	11,0
	2013	39,6	56,7	40,5	17,3	11,6
	2014	38,6	55,3	40,2	17,0	11,3
	2015	38,2	51,3	42,2	17,5	11,9
	2016	37,3	49,0	42,7	17,3	11,5
Construction	2010	5,8	0,5	6,2	11,5	10,9
	2011	5,5	0,5	6,1	10,7	10,1
	2012	5,3	0,4	6,0	10,3	9,5
	2013	5,0	0,4	5,6	9,7	9,0
	2014	4,5	0,1	4,9	9,0	8,8
	2015	4,2	0,2	4,2	8,7	8,7
	2016	4,2	0,2	3,9	8,6	8,4

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of persons employed				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	15,7	11,0	12,8	25,5	29,4
	2011	16,1	11,4	13,2	26,2	31,6
	2012	15,7	12,3	12,5	24,7	29,3
	2013	15,7	13,4	12,3	23,6	28,0
	2014	16,1	14,7	12,7	23,3	26,9
	2015	15,7	14,5	12,2	22,9	26,8
	2016	16,4	15,9	12,1	23,4	27,2
Transportation and storage, postal and courier activities	2010	11,8	23,7	7,8	4,6	3,4
	2011	12,0	22,8	8,1	4,9	3,9
	2012	12,4	22,3	8,7	5,6	4,4
	2013	12,5	22,7	8,7	5,5	4,4
	2014	12,1	22,4	8,8	5,7	4,6
	2015	13,2	27,2	8,6	5,5	4,5
	2016	13,2	28,7	8,5	5,5	4,4
Accommodation and food service activities	2010	1,6	... ²	... ²	3,0	2,9
	2011	1,5	... ²	... ²	3,0	2,7
	2012	1,6	... ²	... ²	3,0	2,9
	2013	1,6	... ²	... ²	2,9	2,6
	2014	1,6	... ²	... ²	2,8	2,6
	2015	1,5	... ²	... ²	2,7	2,4
	2016	1,5	... ²	... ²	2,6	2,4
Information and communication	2010	3,0	3,9	1,9	3,7	4,0
	2011	3,0	3,5	2,1	3,9	4,2
	2012	2,9	3,4	1,8	4,0	4,2
	2013	3,0	3,3	2,1	4,0	4,3
	2014	3,1	3,2	2,3	4,1	4,3
	2015	2,8	2,7	2,1	4,1	4,4
	2016	2,7	2,5	2,1	4,0	4,3

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of persons employed				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	1,0	0,8	1,1	1,2	1,4
	2011	1,1	0,8	1,1	1,2	1,5
	2012	0,9	0,7	1,0	1,1	1,3
	2013	0,9	0,4	1,2	1,1	1,3
	2014	1,0	... ²	... ²	1,1	1,3
	2015	0,9	... ²	... ²	1,1	1,2
	2016	1,1	... ²	... ²	1,1	1,3
Real estate activities	2010	3,0	... ²	... ²	7,1	7,8
	2011	2,9	... ²	... ²	7,0	8,0
	2012	2,8	0,1	2,1	7,2	9,2
	2013	2,7	0,1	1,8	7,1	9,3
	2014	2,7	... ²	... ²	7,3	9,2
	2015	2,9	... ²	... ²	7,8	9,9
	2016	2,8	... ²	... ²	7,6	9,9
Professional, scientific and technical activities	2010	3,8	0,3	4,2	7,1	9,0
	2011	3,7	0,4	4,1	7,2	9,4
	2012	3,7	0,5	4,1	7,1	9,3
	2013	3,6	0,5	3,8	7,0	9,4
	2014	3,7	0,7	3,7	7,0	9,2
	2015	3,5	0,4	3,4	6,8	9,0
	2016	3,4	... ²	... ²	6,6	8,5
Administrative and support service activities	2010	3,3	... ²	... ²	5,0	3,7
	2011	3,5	0,5	4,8	5,0	4,1
	2012	3,6	... ²	... ²	5,2	4,1
	2013	3,9	... ²	... ²	5,4	4,1
	2014	4,3	0,3	6,4	5,5	4,1
	2015	4,2	... ²	... ²	5,4	4,2
	2016	4,1	0,4	5,6	5,3	4,1

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of persons employed				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	0,4	... ²	... ²	0,8	0,7
	2011	0,4	—	0,5	0,8	0,8
	2012	0,3	—	0,4	0,7	0,7
	2013	0,3	—	0,3	0,7	0,7
	2014	0,3	—	0,3	0,7	0,7
	2015	0,3	—	0,3	0,8	0,7
	2016	0,3	—	0,2	0,7	0,7
Human health and social work activities	2010	1,0	—	1,3	1,5	1,4
	2011	1,0	—	1,3	1,8	1,6
	2012	1,0	—	1,3	1,9	1,6
	2013	1,0	—	1,3	1,9	1,5
	2014	1,1	—	1,3	1,9	1,5
	2015	1,5	—	2,0	2,1	1,6
	2016	1,5	—	2,1	2,2	1,6
Arts, entertainment and recreation	2010	0,4	... ²	... ²	0,4	0,5
	2011	0,4	... ²	... ²	0,5	0,5
	2012	0,5	0,2	0,7	0,5	0,5
	2013	0,5	0,3	0,6	0,5	0,5
	2014	0,5	0,4	0,6	0,5	0,5
	2015	0,5	0,2	0,7	0,6	0,5
	2016	0,5	... ²	... ²	0,6	0,5
Other services	2010	0,5	—	0,3	1,5	1,5
	2011	0,5	—	0,3	1,5	1,6
	2012	0,5	—	0,2	1,4	1,6
	2013	0,4	—	0,2	1,3	1,5
	2014	0,4	—	0,2	1,2	1,4
	2015	0,4	—	0,2	1,1	1,3
	2016	0,4	—	0,2	1,1	1,3

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of employees				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	9,2	1,4	15,1	8,8	8,2
	2011	9,2	1,6	14,6	9,8	9,0
	2012	9,2	1,8	14,2	10,7	10,3
	2013	9,0	1,7	13,7	10,9	10,3
	2014	9,6	2,4	13,5	11,7	10,8
	2015	9,9	2,8	13,3	12,0	10,5
	2016	10,2	2,4	13,8	12,2	11,0
Industry	2010	39,6	57,8	39,7	17,3	11,7
	2011	39,6	58,0	39,4	16,9	11,4
	2012	40,0	58,0	39,7	16,7	10,6
	2013	40,1	56,7	40,5	17,8	12,0
	2014	39,1	55,3	40,2	17,5	11,7
	2015	38,8	51,3	42,2	18,1	12,4
	2016	37,8	49,0	42,7	17,7	12,0
Construction	2010	5,8	0,5	6,2	11,7	11,4
	2011	5,4	0,5	6,1	10,7	10,1
	2012	5,2	0,4	6,0	10,3	9,5
	2013	5,0	0,4	5,6	9,8	9,2
	2014	4,5	0,1	4,9	9,1	9,0
	2015	4,1	0,2	4,2	8,7	8,9
	2016	4,2	0,2	3,9	8,8	8,8

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of employees				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	15,6	11,0	12,8	25,8	30,7
	2011	15,9	11,4	13,2	26,0	31,3
	2012	15,5	12,3	12,5	24,6	29,4
	2013	15,6	13,4	12,3	23,7	28,5
	2014	16,0	14,7	12,7	23,5	27,9
	2015	15,6	14,5	12,2	22,9	27,4
	2016	16,3	15,9	12,1	23,6	28,2
Transportation and storage, postal and courier activities	2010	12,0	23,7	7,8	4,6	3,6
	2011	12,1	22,8	8,1	4,9	3,9
	2012	12,4	22,3	8,7	5,5	4,5
	2013	12,6	22,7	8,7	5,7	4,6
	2014	12,2	22,4	8,8	5,8	4,8
	2015	13,4	27,2	8,6	5,7	4,7
	2016	13,4	28,7	8,5	5,6	4,7
Accommodation and food service activities	2010	1,6	... ²	... ²	3,1	3,0
	2011	1,5	... ²	... ²	3,0	2,7
	2012	1,6	... ²	... ²	3,0	2,9
	2013	1,6	... ²	... ²	2,9	2,7
	2014	1,6	... ²	... ²	2,8	2,6
	2015	1,5	... ²	... ²	2,7	2,5
	2016	1,5	... ²	... ²	2,7	2,5
Information and communication	2010	3,0	3,9	1,9	3,8	4,2
	2011	3,0	3,5	2,1	3,9	4,2
	2012	2,9	3,4	1,8	4,0	4,3
	2013	3,0	3,3	2,1	4,0	4,4
	2014	3,1	3,2	2,3	4,2	4,5
	2015	2,8	2,7	2,1	4,2	4,6
	2016	2,7	2,5	2,1	4,0	4,4

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of employees				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	1,0	0,8	1,1	1,3	1,5
	2011	1,1	0,8	1,1	1,2	1,5
	2012	0,9	0,7	1,0	1,1	1,3
	2013	0,9	0,4	1,2	1,1	1,3
	2014	1,0	... ²	... ²	1,1	1,3
	2015	0,9	... ²	... ²	1,1	1,2
	2016	1,1	... ²	... ²	1,1	1,3
Real estate activities	2010	2,9	... ²	... ²	7,1	8,0
	2011	2,8	... ²	... ²	6,9	7,9
	2012	2,7	0,1	2,1	7,2	9,2
	2013	2,6	0,1	1,8	7,1	9,2
	2014	2,7	... ²	... ²	7,3	9,4
	2015	2,7	... ²	... ²	7,7	10,1
	2016	2,7	... ²	... ²	7,5	9,9
Professional, scientific and technical activities	2010	3,7	0,3	4,2	7,2	9,4
	2011	3,7	0,4	4,1	7,2	9,3
	2012	3,7	0,5	4,1	7,1	9,5
	2013	3,5	0,5	3,8	7,0	9,4
	2014	3,6	0,7	3,7	7,0	9,5
	2015	3,4	0,4	3,4	6,7	9,0
	2016	3,3	... ²	... ²	6,6	8,8
Administrative and support service activities	2010	3,3	0,1	4,6	5,0	3,9
	2011	3,4	... ²	... ²	4,9	4,1
	2012	3,6	... ²	... ²	5,3	4,2
	2013	3,9	... ²	... ²	5,5	4,1
	2014	4,3	0,3	6,4	5,6	4,2
	2015	4,2	... ²	... ²	5,5	4,2
	2016	4,1	0,4	5,6	5,4	4,2

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Number of employees				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	0,4	—	0,5	0,8	0,8
	2011	0,4	—	0,5	0,8	0,8
	2012	0,3	—	0,4	0,7	0,7
	2013	0,3	—	0,3	0,8	0,7
	2014	0,3	—	0,3	0,7	0,7
	2015	0,3	—	0,3	0,8	0,8
	2016	0,3	—	0,2	0,8	0,7
Human health and social work activities	2010	1,0	—	1,3	1,5	1,5
	2011	1,0	—	1,3	1,8	1,7
	2012	1,0	—	1,3	1,9	1,6
	2013	1,0	—	1,3	1,9	1,6
	2014	1,1	—	1,3	2,0	1,6
	2015	1,5	—	2,0	2,2	1,8
	2016	1,5	—	2,1	2,3	1,7
Arts, entertainment and recreation	2010	0,4	... ²	... ²	0,5	0,5
	2011	0,4	0,2	0,5	0,5	0,5
	2012	0,5	0,2	0,7	0,5	0,4
	2013	0,5	0,3	0,6	0,5	0,5
	2014	0,5	0,4	0,6	0,5	0,5
	2015	0,5	0,2	0,7	0,6	0,5
	2016	0,5	... ²	... ²	0,6	0,5
Other services	2010	0,5	—	0,3	1,5	1,6
	2011	0,5	—	0,3	1,5	1,6
	2012	0,5	—	0,2	1,4	1,6
	2013	0,4	—	0,2	1,3	1,5
	2014	0,4	—	0,2	1,2	1,5
	2015	0,4	—	0,2	1,1	1,4
	2016	0,4	—	0,2	1,1	1,3

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Volume of the sold products (goods, services)				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Total¹	2010	100,0	100,0	100,0	100,0	100,0
	2011	100,0	100,0	100,0	100,0	100,0
	2012	100,0	100,0	100,0	100,0	100,0
	2013	100,0	100,0	100,0	100,0	100,0
	2014	100,0	100,0	100,0	100,0	100,0
	2015	100,0	100,0	100,0	100,0	100,0
	2016	100,0	100,0	100,0	100,0	100,0
Agriculture, forestry and fishing	2010	2,9	0,9	4,6	4,0	5,5
	2011	3,2	0,7	4,8	5,9	5,8
	2012	3,9	1,1	5,3	7,4	7,1
	2013	4,0	1,4	5,4	7,4	6,8
	2014	5,1	1,8	6,8	9,3	8,4
	2015	7,0	3,0	8,4	12,6	11,1
	2016	6,5	2,2	8,0	11,7	10,7
Industry	2010	34,5	52,9	25,8	9,6	6,7
	2011	36,7	55,4	25,6	10,3	7,3
	2012	35,7	54,6	26,0	10,6	6,8
	2013	36,5	54,0	27,9	11,5	8,0
	2014	37,1	53,5	30,8	11,6	7,4
	2015	36,6	52,5	31,9	12,6	8,7
	2016	36,2	51,6	33,4	12,0	7,9
Construction	2010	2,8	0,4	3,8	6,3	6,8
	2011	3,0	0,7	4,1	6,7	6,3
	2012	3,7	0,8	4,9	8,3	7,8
	2013	3,5	0,9	4,2	8,2	7,7
	2014	3,6	0,6	5,3	6,9	6,9
	2015	2,8	0,9	2,8	6,7	7,5
	2016	2,7	0,6	2,8	6,7	7,2

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Volume of the sold products (goods, services)				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	41,7	29,5	46,0	62,1	61,9
	2011	39,8	27,5	46,4	59,1	60,6
	2012	38,6	27,6	44,1	53,4	55,1
	2013	39,7	29,1	45,9	51,9	53,2
	2014	39,1	30,1	42,6	52,4	54,7
	2015	37,9	27,5	42,9	48,8	51,3
	2016	38,8	28,5	42,5	51,2	53,5
Transportation and storage, postal and courier activities	2010	4,3	6,3	2,9	2,7	2,5
	2011	4,6	6,5	3,0	3,4	3,6
	2012	5,1	7,1	3,4	4,2	4,3
	2013	5,1	7,0	3,5	4,4	4,5
	2014	4,9	6,2	3,9	4,1	4,2
	2015	5,7	7,5	4,7	4,3	4,4
	2016	5,8	7,9	4,7	3,9	4,0
Accommodation and food service activities	2010	0,3	... ²	... ²	0,6	0,6
	2011	0,3	... ²	... ²	0,6	0,6
	2012	0,3	... ²	... ²	0,7	0,7
	2013	0,4	... ²	... ²	0,7	0,7
	2014	0,3	... ²	... ²	0,6	0,6
	2015	0,4	... ²	... ²	0,6	0,5
	2016	0,4	... ²	... ²	0,6	0,5
Information and communication	2010	2,0	2,4	1,4	2,4	2,7
	2011	1,9	2,1	1,5	2,6	2,8
	2012	1,9	2,3	1,3	2,6	2,8
	2013	2,0	2,3	1,5	2,6	2,8
	2014	2,0	2,1	1,7	2,7	2,9
	2015	1,9	1,9	1,7	2,8	3,1
	2016	1,9	1,7	1,6	2,8	3,2

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Volume of the sold products (goods, services)				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Financial and insurance activities	2010	5,0	0,7	10,6	1,8	1,2
	2011	4,3	0,5	9,6	1,5	1,2
	2012	4,0	0,3	8,8	1,3	0,9
	2013	2,3	0,2	4,9	1,4	1,0
	2014	1,4	... ²	... ²	1,2	0,8
	2015	1,4	... ²	... ²	1,2	0,7
	2016	0,9	... ²	... ²	1,3	1,0
Real estate activities	2010	1,1	... ²	... ²	3,6	4,1
	2011	1,0	... ²	... ²	3,3	4,1
	2012	1,2	0,1	1,4	4,1	5,2
	2013	1,2	0,1	1,1	4,4	6,0
	2014	1,3	... ²	... ²	4,5	6,0
	2015	1,5	... ²	... ²	4,2	5,4
	2016	1,3	... ²	... ²	3,8	5,2
Professional, scientific and technical activities	2010	4,3	6,7	1,9	4,4	5,3
	2011	4,2	6,3	1,9	3,9	4,7
	2012	4,3	5,8	2,6	4,4	5,9
	2013	3,8	4,6	2,8	4,5	5,8
	2014	3,5	4,9	2,0	3,9	5,0
	2015	3,5	5,6	1,6	3,5	4,4
	2016	4,2	... ²	... ²	3,3	4,0
Administrative and support service activities	2010	0,7	... ²	... ²	1,8	1,9
	2011	0,7	0,1	1,0	1,8	2,0
	2012	0,8	... ²	... ²	2,0	2,3
	2013	0,9	... ²	... ²	2,1	2,4
	2014	1,0	0,3	1,3	2,0	2,2
	2015	0,9	... ²	... ²	2,0	2,1
	2016	0,9	0,2	1,1	1,9	2,0

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.36 continued

	Year	Volume of the sold products (goods, services)				
		total	of which			
			large enterprises	middle-sized enterprises	small enterprises	of which micro enterprises
Education	2010	0,0	... ²	... ²	0,1	0,1
	2011	0,0	—	0,1	0,1	0,2
	2012	0,0	—	0,0	0,2	0,2
	2013	0,0	—	0,1	0,1	0,2
	2014	0,0	—	0,0	0,1	0,1
	2015	0,0	—	0,0	0,1	0,1
	2016	0,0	—	0,0	0,1	0,1
Human health and social work activities	2010	0,2	—	0,3	0,3	0,2
	2011	0,1	—	0,2	0,3	0,3
	2012	0,2	—	0,3	0,3	0,3
	2013	0,2	—	0,3	0,3	0,2
	2014	0,2	—	0,3	0,3	0,3
	2015	0,2	—	0,3	0,3	0,2
	2016	0,2	—	0,4	0,3	0,2
Arts, entertainment and recreation	2010	0,1	... ²	... ²	0,1	0,2
	2011	0,1	... ²	... ²	0,2	0,2
	2012	0,2	0,2	0,2	0,2	0,2
	2013	0,3	0,2	0,5	0,2	0,3
	2014	0,4	0,2	0,6	0,2	0,2
	2015	0,1	0,1	0,1	0,1	0,2
	2016	0,1	... ²	... ²	0,2	0,2
Other services	2010	0,1	—	0,1	0,2	0,3
	2011	0,1	—	0,1	0,3	0,3
	2012	0,1	—	0,1	0,3	0,4
	2013	0,1	—	0,1	0,3	0,4
	2014	0,1	—	0,1	0,2	0,3
	2015	0,1	—	0,1	0,2	0,3
	2016	0,1	—	0,1	0,2	0,3

¹ See the footnote to Table 27.33² See the footnote to Table 27.30

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.37. Financial outcome before taxation, by type of economic activity¹*(mln. UAH)*

	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises	
		percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome
Total					
2010	58744,9	59,2	209050,4	40,8	150305,5
2011	121092,6	65,4	268533,6	34,6	147441,0
2012	102077,6	64,8	273448,1	35,2	171370,5
2013	33802,8	66,1	230505,1	33,9	196702,3
2014	-523587,0	66,3	334517,3	33,7	858104,3
2015	-340126,6	73,7	475321,2	26,3	815447,8
2016	-22875,0	73,4	524157,0	26,6	547032,0
Agriculture, forestry and fishing					
2010	17204,2	70,2	21760,0	29,8	4555,8
2011	24996,5	83,3	29803,5	16,7	4807,0
2012	26953,3	78,8	33371,7	21,2	6418,4
2013	15321,3	80,7	26023,3	19,3	10702,0
2014	21677,4	84,2	52171,0	15,8	30493,6
2015	103137,6	88,5	128880,2	11,5	25742,6
2016	90661,0	87,8	103691,0	12,2	13030,0
Industry					
2010	31425,0	58,9	68129,8	41,1	36704,8
2011	57708,1	62,9	104948,7	37,1	47240,6
2012	21474,1	62,7	84530,4	37,3	63056,3
2013	17160,6	63,5	79480,7	36,5	62320,1
2014	-166414,0	63,3	76253,3	36,7	242667,3
2015	-181360,9	72,9	90315,9	27,1	271676,8
2016	-11841,0	72,7	140764,6	27,3	152605,6
Construction					
2010	-4275,8	55,5	4785,3	44,5	9061,1
2011	-3797,3	60,9	5187,1	39,1	8984,4
2012	34,3	60,7	8942,9	39,3	8908,6
2013	-5021,4	62,4	5789,8	37,6	10811,2
2014	-27288,4	62,7	6295,7	37,3	33584,1
2015	-25074,1	71,1	5648,1	28,9	30722,2
2016	-8902,0	70,7	8958,7	29,3	17860,7

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.37 continued

	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises	
		percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome
Wholesale and retail trade; repair of motor vehicles and motorcycles					
2010	15084,5	62,6	42168,4	37,4	27083,9
2011	21787,1	66,9	48030,8	33,1	26243,7
2012	9569,9	66,1	43250,1	33,9	33680,2
2013	−5755,2	67,2	36073,3	32,8	41828,5
2014	−128134,8	66,7	34360,9	33,3	162495,7
2015	−80564,3	76,1	56898,4	23,9	137462,7
2016	7115,8	75,7	71697,8	24,3	64582,0
Transportation and storage, postal and courier activities					
2010	4766,8	54,8	9992,0	45,2	5225,2
2011	8449,4	63,5	15281,9	36,5	6832,5
2012	7319,3	62,0	13529,6	38,0	6210,3
2013	894,2	63,2	9137,0	36,8	8242,8
2014	−19703,9	62,7	12775,3	37,3	32479,2
2015	−13921,8	70,9	23093,7	29,1	37015,5
2016	12239,0	71,6	28371,1	28,4	16132,1
Accommodation and food service activities					
2010	−472,9	57,6	534,8	42,4	1007,7
2011	−467,5	60,9	723,2	39,1	1190,7
2012	−762,9	59,1	730,9	40,9	1493,8
2013	−1167,0	59,2	640,0	40,8	1807,0
2014	−6579,0	59,5	370,2	40,5	6949,2
2015	−7094,4	71,9	771,4	28,1	7865,8
2016	−1863,4	71,6	1664,4	28,4	3527,8
Information and communication					
2010	4094,6	59,2	8143,2	40,8	4048,6
2011	4433,0	61,2	9743,7	38,8	5310,7
2012	6266,6	63,5	11592,0	36,5	5325,4
2013	6775,5	63,2	11610,4	36,8	4834,9
2014	−15373,9	64,8	11256,5	35,2	26630,4
2015	−10166,6	71,0	12057,3	29,0	22223,9
2016	4240,6	68,8	12492,1	31,2	8251,5

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.37 continued

	Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises		
		percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome	
Financial and insurance activities						
2010	15632,7	58,9	38412,7	41,1	22780,0	
2011	12414,7	59,5	30593,8	40,5	18179,1	
2012	37959,7	60,3	48632,1	39,7	10672,4	
2013	24005,1	60,6	38489,2	39,4	14484,1	
2014	35960,6	61,7	122137,3	38,3	86176,7	
2015	−171,3	63,3	103182,0	36,7	103353,3	
2016	−91777,0	62,9	94985,6	37,1	186762,6	
Real estate activities						
2010	−6391,0	50,0	4574,2	50,0	10965,2	
2011	−11841,2	54,3	4672,5	45,7	16513,7	
2012	−8397,6	55,3	6737,4	44,7	15135,0	
2013	−9411,0	57,5	6570,1	42,5	15981,1	
2014	−105597,6	56,1	5281,9	43,9	110879,5	
2015	−63470,1	60,6	39330,9	39,4	102801,0	
2016	−40260,7	60,1	11760,7	39,9	52021,4	
Professional, scientific and technical activities						
2010	−15137,2	57,7	8134,6	42,3	23271,8	
2011	11109,9	63,1	16967,5	36,9	5857,6	
2012	−172,6	62,1	14007,5	37,9	14180,1	
2013	−6823,7	63,3	12939,3	36,7	19763,0	
2014	−98958,1	63,3	8873,1	36,7	107831,2	
2015	−47964,1	69,6	10023,2	30,4	57987,3	
2016	23942,2	68,5	41695,7	31,5	17753,5	
Administrative and support service activities						
2010	−1531,8	55,9	1523,6	44,1	3055,4	
2011	−2083,7	61,4	1651,3	38,6	3735,0	
2012	3961,5	60,6	7133,5	39,4	3172,0	
2013	−1147,8	64,3	2504,9	35,7	3652,7	
2014	−9219,4	62,7	2546,2	37,3	11765,6	
2015	−9425,1	69,3	3797,8	30,7	13222,9	
2016	−5737,2	70,1	5261,7	29,9	10998,9	

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

Table 27.37 continued

		Financial outcome (balance)	Profit-making enterprises		Loss-making enterprises	
			percentage to total number of enterprises	financial outcome	percentage to total number of enterprises	financial outcome
Education						
	2010	84,6	63,9	155,8	36,1	71,2
	2011	99,0	68,1	192,3	31,9	93,3
	2012	135,6	68,3	193,7	31,7	58,1
	2013	138,2	69,7	198,8	30,3	60,6
	2014	82,6	67,0	214,8	33,0	132,2
	2015	105,3	71,5	225,7	28,5	120,4
	2016	112,4	67,7	248,0	32,3	135,6
Human health and social work activities						
	2010	−13,7	61,0	302,7	39,0	316,4
	2011	−121,3	61,6	278,1	38,4	399,4
	2012	16,7	62,8	305,3	37,2	288,6
	2013	35,6	64,8	396,8	35,2	361,2
	2014	−1111,0	64,7	377,5	35,3	1488,5
	2015	−961,1	69,8	547,7	30,2	1508,8
	2016	158,4	69,6	911,1	30,4	752,7
Arts, entertainment and recreation						
	2010	−1760,4	51,0	236,1	49,0	1996,5
	2011	−1632,1	56,7	302,0	43,3	1934,1
	2012	−2259,1	54,1	324,0	45,9	2583,1
	2013	−1177,9	56,9	557,1	43,1	1735,0
	2014	−2911,4	55,6	1415,8	44,4	4327,2
	2015	−3489,2	62,6	109,0	37,4	3598,2
	2016	−1214,7	61,5	1306,0	38,5	2520,7
Other services						
	2010	35,3	62,3	197,2	37,7	161,9
	2011	38,0	66,5	157,2	33,5	119,2
	2012	−21,2	63,8	167,0	36,2	188,2
	2013	−23,7	68,4	94,4	31,6	118,1
	2014	−16,1	65,5	187,8	34,5	203,9
	2015	293,5	72,5	439,9	27,5	146,4
	2016	251,6	72,4	348,5	27,6	96,9

¹ Excluding budgetary institutions

BASIC DATA ON SOCIAL AND ECONOMIC SITUATION OF COUNTRY

27.38. R&D personnel

(thsd.)

	2010 ¹	2011 ¹	2012 ¹	2013 ¹	2014 ¹	2015 ¹	2016 ²
Total	182484	175330	164340	155386	136123	122504	97912
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

¹ Including 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)

² Excluding scientific and pedagogical employees

27.39. Domestic spending for R&D performance by type of work

(at current prices; mln. UAH)

	Total	Including		
		fundamental research	applied research	R&D development
2010 ¹	7866,8	2091,6	1545,8	4229,4
2011 ¹	8268,9	2122,7	1771,9	4374,3
2012 ¹	9121,9	2532,3	1972,0	4617,6
2013 ¹	9965,8	2617,6	2012,9	5335,3
2014 ¹	9487,5	2452,0	1882,7	5152,8
2015 ¹	11003,6	2460,2	1960,6	6582,8
2016	11530,7	2225,7	2561,2	6743,8

¹ Data have been recalculated excluding the expenditures for performance of scientific and technical services

27.40. Number of industrial enterprises that introduced innovations in 2015¹

	Total	Percentage of total enterprises that introduced innovations
Total	723	×
installing new technological processes	400	55,3
including		
low-waste, resource saving, and waste-free	155	21,4
introducing innovations products	414	57,3
of which new types of equipment	162	22,4
Sold innovation products	570	×

¹ Since 2015, the periodicity of the state statistical observation *Innovation activity of industrial enterprise* has been changed from *annual* to *once every two years*

28. INTERNATIONAL COMPARISONS¹

28.1. Area and population in 2015

Country	Area, thsd.sq.km	Population on average per year, mln.	Population density, persons per 1 sq.km	Capital
Ukraine	603,5	42,7²	75³	Kyiv
Austria	83,9	8,6	103	Vienna
Azerbaijan	86,6	9,6	111	Baku
Albania	28,7	2,9	100	Tirana
Belgium	30,5	11,3	369	Brussels
Belarus	207,6	9,5	46	Minsk
Bulgaria	111,0	7,2	65	Sofia
Bosnia and Herzegovina	51,2	3,5 ³	69 ³	Sarajevo
United Kingdom	242,9	65,1	268	London
Armenia	29,7	3,0	101	Yerevan
Greece	132,0	10,8	82	Athens
Georgia	69,7	3,7	53	Tbilisi
Denmark	43,1	5,7	132	Copenhagen
Estonia	45,2	1,3	29	Tallinn
Israel	22,1	8,4	378	Jerusalem
Ireland	70,3	4,7	67	Dublin
Iceland	103,0	0,3	3	Reykjavik
Spain	506,0	46,4	92	Madrid
Italy	301,3	60,7	202	Rome
Kazakhstan	2724,9	17,5	6	Astana
Canada	9970,6	35,8	4	Toronto
Kyrgyzstan	199,9	5,9	30	Bishkek
Cyprus	9,3	0,9	92	Nicosia
Latvia	64,6	2,0	31	Riga
Lithuania	65,3	2,9	44	Vilnius
Liechtenstein	0,2	0,04	233	Vaduz
Luxembourg	2,6	0,6	220	Luxemburg

¹ Information is available from the United Nations Economic Commission for Europe statistical data base

INTERNATIONAL COMPARISONS

Table 28.1 continued

Country	Area, thsd.sq.km	Population on average per year, mln.	Population density, persons per 1 sq.km	Capital
Macedonia	25,7	2,1	81	Skopje
Malta	0,3	0,4	1367	Valletta
Moldova, Republic of	33,8	3,6	105	Chisinau
Netherlands	41,5	16,9	408	Amsterdam
Germany	357,0	81,7	229	Berlin
Norway	323,8	5,2	16	Oslo
Poland	312,7	38,0	121	Warsaw
Portugal	92,0	10,4	113	Lisbon
Russian Federation	17075,4	143,5 ³	8 ³	Moscow
Romania	238,4	19,8	83	Bucharest
Serbia	88,4	7,1	80	Belgrade
Slovakia	49,0	5,4	111	Bratislava
Slovenia	20,3	2,1	102	Ljubljana
USA	9629,1	321,4	33	Washington
Tajikistan	143,1	7,9 ⁴	55 ⁴	Dushanbe
Turkey	774,8	78,2	101	Ankara
Turkmenistan	488,1	5,1 ⁵	10 ⁵	Ashgabat
Hungary	93,0	9,8	106	Budapest
Uzbekistan	447,4	31,3	70	Tashkent
Finland	338,2	5,5	16	Helsinki
France	551,5	66,6	121	Paris
Croatia	56,5	4,2	74	Zagreb
Czech Republic	78,9	10,5	134	Prague
Montenegro	13,8	0,6	45	Podgorica
Switzerland	41,3	8,2 ⁶	198 ⁶	Bern
Sweden	450,0	9,8	22	Stockholm

² Resident population³ Data for 2013⁴ Data for 2012⁵ Data for 2005⁶ Data for 2014

INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2011	2012	2013	2014	2015
Ukraine	1,1	1,2	1,4	1,5	1,5	1,5	1,5¹	1,5²
Austria	1,4	1,4	1,4	1,4	1,4	1,4	1,5	1,5
Azerbaijan	2,0	2,3	2,3	2,4	2,3	2,2	2,2	2,1
Albania	2,4	1,8	...	1,6	1,8	1,8	1,8	...
Belgium	1,6	1,7	1,9	1,8	1,8	1,8	1,7	1,7
Belarus	1,3	1,2	1,5	1,5	1,6	1,7	1,7	...
Bulgaria	1,3	1,4	1,6	1,5	1,5	1,5	1,5	1,5
Bosnia and Herzegovina	1,3	1,2	1,3	1,2	1,3	1,2	1,3	...
United Kingdom	1,6	1,8	1,9	1,9	1,9	1,8	1,8	1,8
Armenia	1,3	1,4	1,6	1,5	1,6	1,6	1,6	...
Greece	1,2	1,3	1,5	1,4	1,3	1,3	1,3	1,3
Georgia	1,5	1,4	1,8	1,7	1,7	1,7	2,2	...
Denmark	1,8	1,8	1,9	1,8	1,7	1,7	1,7	1,7
Estonia	1,4	1,5	1,7	1,6	1,6	1,5	1,5	1,6
Israel	3,0	2,8	3,0	3,0	3,0	3,0	3,1	...
Ireland	1,9	1,9	2,0	2,0	2,0	2,0	1,9	1,9
Iceland	2,1	2,0	2,2	2,0	2,0	1,9	1,9	1,8
Spain	1,2	1,3	1,4	1,3	1,3	1,3	1,3	1,3
Italy	1,3	1,3	1,5	1,4	1,4	1,4	1,4	1,4
Kazakhstan	1,8	2,2	2,6	2,6	2,6	2,6	2,7	2,7
Canada	1,5	1,5	1,6	1,6	1,6
Kyrgyzstan	2,4	2,5	3,0	3,1	3,1	3,1	3,2	3,2
Cyprus	1,6	1,5	1,4	1,4	1,4	1,3	1,3	1,3
Latvia	1,2	1,4	1,4	1,3	1,4	1,5	1,6	1,7
Lithuania	1,4	1,3	1,5	1,6	1,6	1,6	1,6	1,7
Luxembourg	1,8	1,6	1,6	1,5	1,6	1,6	1,5	1,5

INTERNATIONAL COMPARISONS

Table 28.2 continued

	2000	2005	2010	2011	2012	2013	2014	2015
Macedonia	1,9	1,5	1,6	1,5	1,5	1,5	1,5	1,5
Malta	1,7	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Moldova, Republic of	1,3	1,3	1,3	1,3	1,3	1,2	1,3	...
Netherlands	1,7	1,7	1,8	1,8	1,7	1,7	1,7	1,7
Germany	1,4	1,3	1,4	1,4	1,4	1,4	1,5	1,5
Norway	1,8	1,8	2,0	1,9	1,8	1,8	1,8	1,7
Poland	1,4	1,2	1,4	1,3	1,3	1,3	1,3	1,3
Portugal	1,6	1,4	1,4	1,4	1,3	1,2	1,2	1,3
Russian Federation	1,2	1,3	1,6	1,6	1,7	1,7
Romania	1,3	1,4	1,6	1,5	1,5	1,4	1,5	1,6
Serbia	1,5	1,4	1,4	1,4	1,4	1,4	1,5	1,5
Slovakia	1,3	1,3	1,4	1,4	1,3	1,3	1,4	1,4
Slovenia	1,3	1,3	1,6	1,6	1,6	1,6	1,6	1,6
USA	2,1	2,1	1,9	1,9	1,9	1,9	1,9	1,8
Tajikistan	3,5	3,3	3,6	3,6	3,8	3,8	3,8	...
Turkey	2,3	2,2	2,0	2,0	2,1	2,1	2,2	2,1
Hungary	1,3	1,3	1,2	1,2	1,3	1,4	1,4	1,4
Uzbekistan	2,6	2,4	2,3	2,2	2,2	2,4	2,5	...
Finland	1,7	1,8	1,9	1,8	1,8	1,8	1,7	1,6
France	1,9	1,9	2,0	2,0	2,0	2,0	2,0	2,0
Croatia	1,4	1,4	1,5	1,4	1,5	1,5	1,5	1,4
Czech Republic	1,2	1,3	1,5	1,4	1,4	1,5	1,5	1,6
Montenegro	1,8	1,7	1,7	1,6	1,7	1,7	1,8	1,7
Switzerland	1,5	1,4	1,5	1,5	1,5	1,5	1,5	1,5
Sweden	1,5	1,8	2,0	1,9	1,9	1,9	1,9	1,8

¹ The calculation excludes administrative data on the number of births in a part of the zone where the antiterrorist operation is conducted

² The calculation excludes data on the Donetsk and Luhansk regions

INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2011	2012	2013	2014	2015
Ukraine	73,5	74,0¹	75,5²	75,9	76,0	76,2	76,4	76,3
Austria	81,2	82,2	83,5	83,8	83,6	83,8	84,0	83,7
Azerbaijan	76,0	76,5	76,6	77,1	77,3	...
Albania	78,1	78,6	79,3	79,8	79,7	80,0	80,3	79,7
Belgium	81,0	81,9	83,0	83,3	83,1	83,2	83,9	83,4
Belarus	74,7	75,1	76,5	76,7	77,6	77,9	78,4	78,9
Bulgaria	75,0	76,2	77,4	77,8	77,9	78,6	78,0	78,2
Bosnia and Herzegovina	76,7	77,5	78,7	77,7	78,8	78,8	78,8	...
United Kingdom	80,3	81,3	82,6	83,0	82,8	82,9	83,2	82,8
Armenia	75,8	...	77,2	77,5	77,8	77,9	78,3	...
Greece	81,3	82,5	83,3	83,6	83,4	84,0	84,1	83,7
Georgia	78,8	78,6	78,4	79,5	77,3	...
Denmark	79,2	80,5	81,4	81,9	82,1	82,4	82,8	82,7
Estonia	76,4	78,2	80,8	81,3	81,5	81,7	81,9	82,2
Israel	81,1	82,1	84,1	84,1	84,1	84,4
Ireland	79,2	81,3	83,1	83,0	83,1	83,1	83,5	83,4
Iceland	81,6	83,5	84,1	84,1	84,3	83,7	84,5	83,8
Spain	82,8	83,6	85,5	85,6	85,5	86,1	86,2	85,8
Italy	82,8	83,6	84,7	84,8	84,8	85,2	85,6	84,9
Kazakhstan	71,6	71,7	73,5	74,0	74,5	75,4	76,0	76,4
Canada	81,7	82,5	83,2	83,4	83,6
Kyrgyzstan	72,0	71,8	73,7	73,8	74,2	74,9
Cyprus	80,1	80,8	83,9	83,1	83,4	85,0	84,7	83,7
Latvia	76,0	76,4	78,0	78,8	78,9	78,9	79,4	79,5
Lithuania	77,4	77,4	78,9	79,3	79,6	79,6	80,1	79,7
Luxembourg	81,3	82,3	83,5	83,6	83,8	83,9	85,2	84,7

INTERNATIONAL COMPARISONS

Table 28.3 continued

	2000	2005	2010	2011	2012	2013	2014	2015
Macedonia	75,2	75,9	77,2	77,2	76,9	77,5	77,5	77,4
Malta	80,3	81,4	83,6	83,0	83,0	84,0	84,2	84,0
Moldova, Republic of	71,4	71,7	73,5	75,1	75,1	75,7	75,5	...
Netherlands	80,8	81,8	83,0	83,1	83,0	83,2	83,5	83,2
Germany	81,2	82,0	83,0	83,1	83,1	83,0	83,6	83,1
Norway	81,5	82,7	83,3	83,6	83,5	83,8	84,2	84,2
Poland	78,1	79,4	80,7	81,1	81,1	81,2	81,7	81,6
Portugal	80,4	81,5	83,2	83,8	83,6	84,0	84,4	84,3
Russian Federation	72,4	72,4	74,9	75,6	75,9	76,3
Romania	74,8	75,4	77,7	78,2	78,1	78,7	78,7	78,7
Serbia	75,1	75,4	76,6	76,8	77,3	77,9	78,0	77,9
Slovakia	77,5	78,1	79,3	79,8	79,9	80,1	80,5	80,2
Slovenia	79,9	80,9	83,1	83,3	83,3	83,6	84,1	83,9
USA	79,3	79,9	81,1	81,1	81,2	81,2
Tajikistan	70,3	73,2	74,4	74,1	74,6	75,3	75,4	...
Turkey	73,1	76,6	78,7	78,9	79,1	79,2	79,3	79,4
Hungary	76,2	77,2	78,6	78,7	78,7	79,1	79,4	79,0
Finland	81,2	82,5	83,5	83,8	83,7	84,1	84,1	84,4
France	83,0	83,8	85,3	85,7	85,4	85,6	86,0	85,5
Croatia	76,7	78,8	79,9	80,4	80,6	81,0	81,0	80,5
Czech Republic	78,5	79,2	80,9	81,1	81,2	81,3	82,0	81,6
Montenegro	76,3	76,8	78,5	78,8	78,3	79,0	78,9	78,6
Switzerland	82,8	84,0	84,9	85,0	84,9	85,0	85,4	85,1
Sweden	82,0	82,9	83,6	83,8	83,6	83,8	84,2	84,1

¹ SSSU data for 2004–2005² SSSU data for 2009–2010

INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2011	2012	2013	2014	2015
Ukraine	62,1	62,2¹	65,3²	66,0	66,1	66,3	66,3	66,4
Austria	75,2	76,6	77,8	78,3	78,4	78,6	79,1	78,8
Azerbaijan	71,2	71,2	71,6	72,1	72,2	...
Albania	72,1	72,1	74,7	75,3	75,5	76,0	76,4	76,2
Belgium	74,6	76,2	77,5	78,0	77,8	78,1	78,8	78,7
Belarus	63,4	62,9	64,6	64,7	66,6	67,3	67,8	68,6
Bulgaria	68,4	69,0	70,3	70,7	70,9	71,3	71,1	71,2
Bosnia and Herzegovina	71,3	72,1	74,1	72,4	73,7	73,7	73,7	...
United Kingdom	75,5	77,0	78,6	79,0	79,1	79,2	79,5	79,2
Armenia	70,4	...	70,6	70,7	71,3	71,5	71,8	...
Greece	75,9	76,8	78,0	78,0	78,0	78,7	78,8	78,5
Georgia	70,0	70,1	70,4	71,0	68,8	...
Denmark	74,5	76,0	77,2	77,8	78,1	78,3	78,7	78,8
Estonia	65,6	67,6	70,9	71,4	71,4	72,8	72,4	73,2
Israel	76,7	78,2	80,2	80,4	80,3	80,8
Ireland	74,0	76,7	78,5	78,6	78,7	79,0	79,3	79,6
Iceland	77,8	79,6	79,8	80,7	81,6	80,5	81,3	81,2
Spain	75,8	77,0	79,2	79,5	79,5	80,2	80,4	80,1
Italy	76,9	78,1	79,5	79,7	79,8	80,3	80,7	80,3
Kazakhstan	60,2	60,4	63,7	64,6	65,0	66,0	67,1	67,5
Canada	76,3	77,7	78,8	79,1	79,4
Kyrgyzstan	63,8	63,8	65,5	66,0	66,1	66,3	67,0	...
Cyprus	75,4	76,5	79,2	79,3	78,9	80,1	80,9	79,9
Latvia	64,8	65,0	67,9	68,6	68,9	69,3	69,1	69,7
Lithuania	66,7	65,2	67,6	68,1	68,4	68,5	69,2	69,2
Luxembourg	74,6	76,7	77,9	78,5	79,1	79,8	79,4	80,0

INTERNATIONAL COMPARISONS

Table 28.4 continued

	2000	2005	2010	2011	2012	2013	2014	2015
Macedonia	70,8	71,6	72,9	73,1	73,0	73,4	73,5	73,5
Malta	76,2	77,3	79,3	78,6	78,6	79,6	79,8	79,7
Moldova, Republic of	64,0	63,8	64,9	66,8	67,2	68,2	67,6	...
Netherlands	75,6	77,4	78,9	79,4	79,3	79,5	80,0	79,9
Germany	75,1	76,7	78,0	77,9	78,1	78,1	78,7	78,3
Norway	76,0	77,8	79,0	79,1	79,5	79,8	80,1	80,5
Poland	69,6	70,8	72,2	72,5	72,6	73,0	73,7	73,5
Portugal	73,3	74,9	76,8	77,3	77,3	77,6	78,0	78,1
Russian Federation	59,2	59,0	63,1	64,0	64,6	65,1
Romania	67,7	68,4	70,0	70,8	70,9	71,6	71,4	71,5
Serbia	69,5	70,0	71,4	71,6	72,2	72,6	72,8	72,8
Slovakia	69,2	70,2	71,8	72,3	72,5	72,9	73,3	73,1
Slovenia	72,2	73,9	76,4	76,8	77,1	77,2	78,2	77,8
USA	74,1	74,9	76,2	76,3	76,4	76,4	76,4	...
Tajikistan	66,1	68,1	70,8	70,9	71,1	71,6	71,6	...
Turkey	69,0	72,2	74,2	74,4	74,6	74,7	74,8	74,9
Hungary	67,5	68,7	70,7	71,2	71,6	72,2	72,3	72,3
Finland	74,2	75,6	76,9	77,3	77,7	78,0	78,4	78,7
France	75,3	76,7	78,2	78,7	78,7	79,0	79,5	79,2
Croatia	69,1	71,7	73,4	73,8	73,9	74,5	74,7	74,4
Czech Republic	71,6	72,9	74,5	74,8	75,1	75,2	75,8	75,7
Montenegro	71,0	71,3	73,6	73,3	74,2	74,1	74,1	74,4
Switzerland	77,0	78,7	80,3	80,5	80,6	80,7	81,1	80,8
Sweden	77,4	78,5	79,6	79,9	79,9	80,2	80,4	80,4

¹ See the first footnote to Table 28.3² See the second footnote to Table 28.3

INTERNATIONAL COMPARISONS

28.5. Economic activity rate of women aged 15–64 year old*(percent)*

	2000	2005	2010	2011	2012	2013	2014	2015
Ukraine	62,6	61,7	62,1	61,8	61,9	62,1	59,8	60,4
Austria	62,4	64,5	68,4	68,8	69,6	70,2	70,3	70,3
Azerbaijan	79,7	71,3	67,7	66,9	67,1	67,2	67,9	68,3
Albania	60,9	60,9	56,3	52,7	52,8	55,9
Belgium	56,6	59,4	61,7	60,8	61,0	62,1	62,8	62,8
Belarus	65,6	72,3	72,8	73,6	74,1
Bulgaria	56,3	57,9	62,6	62,1	63,2	64,6	65,1	65,5
United Kingdom	67,0	67,9	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	49,1	55,1	57,4	57,2	58,0	58,1	58,9	59,8
Georgia	49,7	51,6	49,9	49,7	50,9	50,1	59,2	62,6
Denmark	75,3	75,6	75,8	75,8	75,5	75,4	74,8	75,0
Estonia	66,0	67,9	71,3	71,8	71,7	72,2	71,6	73,0
Israel	56,3	58,4	60,9	60,9	67,0	67,2	68,4	68,3
Ireland	55,3	60,6	62,0	61,9	62,1	62,7	62,5	62,2
Iceland	81,7	77,4	78,6	78,2	78,1	79,0	80,0	81,0
Spain	51,0	58,7	66,1	67,2	68,2	68,5	68,6	68,9
Italy	46,5	50,5	51,4	51,9	54,0	53,9	54,3	54,1
Kazakhstan	...	72,2	72,3	72,9	74,2	74,3	...	73,4
Canada	69,2	71,6	72,9	72,7	72,9	73,2	72,8	72,8
Kyrgyzstan	62,1	58,0	56,3	56,5	55,3	52,6	53,9	53,4
Cyprus	55,7	61,9	65,4	65,2	64,9	65,6	68,0	67,5
Latvia	61,9	64,6	71,2	70,3	72,0	71,6	70,9	72,1
Lithuania	67,6
Luxembourg	50,8	55,5	58,6	58,9	61,1	60,8	61,3	64,5

INTERNATIONAL COMPARISONS

Table 28.5 continued

	2000	2005	2010	2011	2012	2013	2014	2015
Macedonia	47,1	49,2	50,2	51,0	50,8	52,6	52,5	51,9
Malta	42,3	44,3	47,2	49,9	51,9	53,2
Moldova, Republic of	61,8	52,9	44,5	44,9	43,4	44,0	44,0	45,5
Netherlands	65,2	69,6	72,0	72,2	73,5	74,1	73,4	74,0
Germany	62,6	67,0	70,1	71,4	71,3	72,0	72,3	72,4
Norway	75,8	74,1	75,4	75,6	75,7	75,9	75,8	75,9
Poland	59,7	56,9	55,9	56,2	57,0	57,4	58,2	58,6
Portugal	63,4	67,8	69,7	69,5	69,7	69,7	70,0	70,2
Russian Federation	62,6	67,3	67,8	68,3	68,5	68,5
Romania	61,8	56,9	56,2	56,2	56,5	56,4	57,1	56,9
Serbia	...	56,6	49,3	48,6	49,0	50,8	51,9	55,7
Slovakia	62,7	61,5	62,1	60,9	61,8	62,6	63,0	64,5
Slovenia	63,3	66,0	67,6	66,5	67,0	66,6	67,2	67,9
USA	68,8	67,3	66,0	65,2	65,7	65,4	65,2	65,2
Turkey	32,2	27,5	29,2	30,6	31,4	32,8	33,0	34,3
Hungary	50,9	54,4	55,6	56,0	57,4	58,0	60,1	61,5
Finland	74,2	72,7	72,6	72,6	73,4	73,4	73,9	74,4
France	59,4	61,7	63,0	62,9	63,5	64,1	66,1	66,2
Croatia	...	54,6	59,6	57,6	57,9	58,5	61,3	62,1
Czech Republic	63,6	62,6	61,9	62,2	63,5	65,1	65,6	66,4
Montenegro	...	54,5	55,7	57,1
Switzerland	71,3	73,9	76,0	76,3	76,6	77,4	78,3	...
Sweden	73,2	76,4	76,2	77,3	77,9	78,8	79,3	79,9

INTERNATIONAL COMPARISONS

28.6. Economic activity rate of men aged 15–64 year old*(percent)*

	2000	2005	2010	2011	2012	2013	2014	2015
Ukraine	71,8	71,6	72,4	73,3	73,9	74,1	72,3	72,6
Austria	79,1	76,6	78,5	78,3	78,7	78,9	78,5	78,5
Azerbaijan	88,0	78,7	72,6	72,0	72,2	72,7	73,1	73,3
Albania	79,0	76,3	74,0	66,2	69,8	71,7
Belgium	73,7	73,9	73,2	71,7	71,8	72,2	72,1	71,7
Belarus	73,6	75,7	76,7	77,7	78,2
Bulgaria	65,7	66,3	69,7	69,9	70,7	72,0	72,8	73,0
United Kingdom	81,1	80,5	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	74,3	77,3	76,8	75,7	75,6	76,2	76,0	76,4
Georgia	65,1	66,6	62,5	62,3	64,5	64,0	76,6	80,1
Denmark	83,1	83,1	82,3	82,0	81,1	80,3	80,8	81,2
Estonia	74,6	72,5	76,4	78,0	78,0	78,3	78,9	79,8
Israel	67,2	66,9	68,1	68,2	75,6	75,6	75,9	75,9
Ireland	78,8	80,1	77,0	76,7	76,7	77,2	77,2	76,6
Iceland	85,3	83,4	83,0	82,7	82,3	83,9	84,0	84,4
Spain	76,8	80,6	80,1	79,8	79,5	79,1	78,9	79,1
Italy	74,2	74,3	73,5	73,4	74,4	73,5	73,3	73,9
Kazakhstan	...	80,1	79,9	80,4	81,8	82,1	...	82,0
Canada	79,9	80,3	79,2	79,3	79,1	79,2	79,1	79,7
Kyrgyzstan	72,5	78,6	80,4	80,6	80,5	79,7	78,2	78,8
Cyprus	75,8	80,3	74,9	74,9	75,4	75,3	75,6	74,4
Latvia	73,2	72,6	74,8	75,1	75,9	75,8	76,2	77,4
Lithuania	75,0	73,0	73,2	73,6	73,7	74,7	76,0	...
Luxembourg	75,0	73,3	73,0	72,2	73,2	72,7	72,6	74,0

INTERNATIONAL COMPARISONS

Table 28.6 continued

	2000	2005	2010	2011	2012	2013	2014	2015
Macedonia	70,2	72,4	77,4	76,5	76,7	76,9	77,8	77,4
Malta	80,2	77,6	76,8	77,3	76,9	78,0	78,6	79,5
Moldova, Republic of	67,2	53,1	48,4	49,0	47,2	48,1	47,5	48,6
Netherlands	83,2	83,0	82,6	81,9	83,0	83,8	83,4	83,3
Germany	77,1	79,6	80,5	81,6	81,5	81,4	81,3	80,6
Norway	83,3	80,4	80,3	79,6	80,4	80,0	79,6	80,0
Poland	70,2	68,9	68,9	69,4	70,0	70,5	71,1	71,4
Portugal	78,3	78,8	77,8	77,9	77,2	76,3	76,4	76,4
Russian Federation	75,2	74,9	77,5	78,0	78,4	78,7
Romania	75,3	71,6	73,8	72,2	73,2	73,5	74,5	75,8
Serbia	...	75,5	65,4	66,2	66,8	66,7	66,9	71,7
Slovakia	75,4	76,1	76,7	76,6	77,2	77,3	77,8	77,7
Slovenia	71,4	74,8	75,3	74,0	73,8	74,2	74,6	75,3
USA	79,2	78,0	75,7	74,9	74,6	74,5	74,3	74,3
Turkey	71,8	78,0	71,0	72,2	72,2	72,8	74,0	74,3
Hungary	65,6	66,3	66,0	66,7	68,2	69,6	71,9	73,7
Finland	78,6	75,7	75,8	76,3	76,2	76,0	76,0	76,3
France	70,5	71,1	70,9	70,7	71,4	71,5	73,2	73,2
Croatia	...	66,2	70,6	70,7	69,8	68,8	71,0	71,4
Czech Republic	77,9	78,5	79,2	78,7	79,5	80,6	81,2	81,4
Montenegro	...	69,8	64,7	67,6	68,2
Switzerland	89,0	86,8	87,9	88,0	88,0	87,7	87,6	...
Sweden	77,0	80,9	81,8	82,4	82,6	83,3	83,6	83,5

INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine¹	11,6	7,2	8,1	7,9	7,5	7,2	9,3	9,1	9,3
Austria	3,9	5,6	4,8	4,6	4,9	5,4	5,6	5,7	6,0
Azerbaijan	11,8	7,3	5,6	5,4	5,2	5,0	4,9	5,0	...
Albania ²	16,8	14,1	14,0	14,0	13,4	15,9	17,5	17,1	...
Belgium	6,9	8,5	8,3	7,2	7,6	8,4	8,5	8,5	7,8
Belarus ²	2,1	1,5	0,8	0,7	0,6	0,5	0,5	0,9	1,0
Bulgaria	16,4	10,1	10,3	11,3	12,3	13,0	11,4	9,2	7,6
Bosnia and Herzegovina	27,2	27,6	28,0	27,5	27,5	27,7	25,4
United Kingdom	5,4	4,8	7,8	8,1	7,9	7,6	6,1	5,3	4,8
Armenia ²	...	31,2	19,0	18,4	17,3	16,2	17,6	18,5	...
Greece	11,2	10,0	12,7	17,9	24,5	27,5	26,5	24,9	23,6
Georgia	10,3	13,8	16,3	15,1	15,0	14,6	12,4	12,0	...
Denmark	4,3	4,8	7,5	7,6	7,5	7,0	6,6	6,2	6,2
Estonia	14,6	8,0	16,7	12,3	10,0	8,6	7,4	6,2	6,8
Israel	8,8	9,0	6,7	5,6	6,9	6,2	5,9	5,3	...
Ireland	4,3	4,4	13,9	14,7	14,7	13,1	11,3	9,4	7,9
Iceland	2,3	2,6	7,6	7,1	6,0	5,4	5,0	4,0	3,0
Spain	11,9	9,2	19,9	21,4	24,8	26,1	24,5	22,1	19,6
Italy	10,0	7,7	8,4	8,4	10,7	12,1	12,7	11,9	11,7
Kazakhstan	12,8	8,1	5,8	5,4	5,3	5,2	5,0	5,0	5,0
Canada	6,8	6,8	8,1	7,5	7,3	7,1	6,9	6,9	7,0
Kyrgyzstan	7,5	8,1	8,6	8,5	8,4	8,3	8,0	7,6	...
Cyprus	4,8	5,3	6,3	7,9	11,9	15,9	16,1	15,0	13,1
Latvia	14,3	10,0	19,5	16,2	15,0	11,9	10,8	9,9	9,6
Lithuania	16,4	8,3	17,8	15,4	13,4	11,8	10,7	9,1	7,9
Luxembourg	2,2	4,6	4,6	4,8	5,1	5,9	6,0	6,5	6,3

INTERNATIONAL COMPARISONS

Table 28.7 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Macedonia	32,2	37,3	32,0	31,4	31,0	29,0	28,0	26,1	...
Malta	6,7	6,9	6,9	6,4	6,3	6,4	5,8	5,4	4,7
Moldova, Republic of	8,5	7,3	7,4	6,7	5,6	5,1	3,9	4,9	4,2
Netherlands	3,7	5,9	5,0	5,0	5,8	7,3	7,4	6,9	6,0
Germany	7,9	11,2	7,0	5,8	5,4	5,2	5,0	4,6	4,1
Norway	3,2	4,5	3,6	3,3	3,2	3,5	3,5	4,4	4,7
Poland	16,1	17,9	9,7	9,7	10,1	10,3	9,0	7,5	6,2
Portugal	5,1	8,8	12,0	12,9	15,8	16,4	14,1	12,6	11,2
Russian Federation	10,6	7,1	7,3	6,5	5,5	5,5
Romania	7,6	7,1	7,0	7,2	6,8	7,1	6,8	6,8	5,9
Serbia	12,1	20,8	19,2	23,0	23,9	22,1	19,2	17,7	15,3
Slovakia	18,9	16,4	14,5	13,7	14,0	14,2	13,2	11,5	9,7
Slovenia	6,7	6,5	7,3	8,2	8,9	10,1	9,7	9,0	8,0
USA	4,0	5,1	9,6	8,9	8,1	7,4	6,2	5,3	4,9
Tajikistan ²	2,7	2,0	2,1	2,3	2,4	2,3	2,4	2,3	...
Turkey	5,2	9,5	11,1	9,1	8,4	9,0	9,9	10,3	10,9
Hungary	6,3	7,2	11,2	11,0	11,0	10,2	7,7	6,8	5,1
Uzbekistan ²	5,4	5,0	4,9	4,9	5,1
Finland	9,8	8,4	8,4	7,8	7,7	8,2	8,7	9,4	8,8
France	8,6	8,9	9,3	9,2	9,8	10,3	10,3	10,4	10,1
Croatia	16,1	13,0	11,7	13,7	15,8	17,4	17,2	16,1	13,3
Czech Republic	8,8	7,9	7,3	6,7	7,0	7,0	6,1	5,1	4,0
Montenegro	...	30,3	19,7	19,7	19,7	19,5	18,0	17,6	...
Switzerland	2,7	4,5	4,5	4,0	4,2	4,4	4,5	4,5	4,3
Sweden	5,6	7,7	8,6	7,8	8,0	8,0	7,9	7,4	6,9

¹ For population aged 15–70² Registered unemployment rate end of year

INTERNATIONAL COMPARISONS

28.8. Average monthly wages of employees*(USD)*

	2000	2005	2010	2011	2012	2013	2014	2015
Ukraine	42,3	157,3	282,2	330,5	378,7	408,5	292,7	192,0
Austria	2149,7	3295,4	4023,1	4310,4	4096,2	4327,1	4426,9	3761,0
Azerbaijan	49,1	130,7	414,4	460,0	505,4	545,0	569,9	455,5
Albania	92,9	200,2	334,6	361,3	348,6	350,1	353,8	...
Belgium	2391,8	3614,9	4295,2	4687,0	4447,0	4681,7	4725,8	3963,0
Belarus	67,2	215,3	408,7	381,9	440,9	570,0	592,0	421,6
Bulgaria	437,5	496,0	483,4	526,2	555,1	500,2
Bosnia and Herzegovina	254,0	506,8	283,5	904,3	847,3	876,4	874,9	731,7
United Kingdom	2833,5	4033,1	4003,5	4200,4	4209,2	4193,3	4456,9	4216,6
Armenia	42,1	113,8	274,7	290,2	350,3	357,7	381,3	359,1
Greece	1070,0	1949,6	2362,2	2371,0	2098,5	2003,1	1961,3	1631,2
Georgia	36,6	112,6	335,4	376,9	431,4	464,8	463,2	396,8
Denmark	2798,0	4499,1	5755,6	6153,0	5806,2	6047,5	6202,3	5310,4
Estonia	290,0	642,0	1050,0	1167,9	1139,6	1260,4	1335,1	1181,6
Israel	1665,1	1608,7	2206,6	2393,6	2278,1	2491,9	2555,7	2405,4
Ireland	2413,2	4376,4	5183,2	5501,4	5078,1	5164,5	5204,6	4379,4
Iceland	2875,9	5486,6	3529,4	3966,8	3900,8	4302,1	4761,2	4641,2
Spain	1435,0	2271,7	2988,6	3168,7	2901,2	3055,0	3034,3	2540,7
Italy	1638,7	2581,2	3072,2	3267,8	3004,8	3148,0	3171,5	2671,1
Kazakhstan	101,1	256,3	526,7	614,0	679,1	717,4	675,4	568,4
Canada	2301,5	3246,9	4433,9	4788,8	4909,0	4919,2	4723,4	4134,1
Kyrgyzstan	25,7	63,7	156,4	201,6	228,2	234,1	229,0	209,2
Cyprus	1318,2	2296,1
Latvia	...	435,4	839,2	918,7	880,1	950,9	1016,3	907,6
Lithuania	259,7	459,8	763,3	826,7	785,3	855,8	879,7	791,6
Luxemburg	3117,5	4886,2	6087,0	6488,9	6053,4	6473,3	6649,6	5582,7

INTERNATIONAL COMPARISONS

Table 28.8 continued

	2000	2005	2010	2011	2012	2013	2014	2015
Macedonia	273,0	433,0	651,4	692,3	640,4	669,1	675,3	579,3
Malta	941,2	1485,7	210,8	2262,0
Moldova, Republic of	32,8	104,7	240,3	259,1	279,6	291,9	291,4	241,2
Netherlands	2452,7	3888,0	4718,5	5027,8	4719,3	4994,9	5020,3	4288,6
Germany	2154,3	3159,0	3618,5	3944,7	3738,3	3951,4	4047,0	3477,6
Norway	2631,0	4483,9	6058,7	6827,0	6819,8	7030,2	6759,0	5418,3
Poland	510,0	812,0	1124,0	1200,6	1117,4	1169,4	1194,3	1021,0
Portugal	972,6	1544,9	1850,7	1928,6	1734,6	1844,3	1818,7	1513,4
Russian Federation	79,0	302,5	690,0	795,4	863,5	935,8
Romania	133,4	331,9	609,5	667,2	614,8	673,5	705,6	638,8
Serbia	69,5	382,4	610,5	719,1	652,8	712,9	694,8	561,9
Slovakia	416,0	831,9	1203,8	1301,3	1228,6	1296,7	1321,0	1137,7
Slovenia	...	1745,3	2383,2	2359,6	2309,4	2402,2	2435,9	2051,8
USA	3246,9	3780,3	4365,3	4483,8	4605,5	4644,4	4784,8	4892,8
Tajikistan	7,7	27,0	80,8	95,9	117,2	145,9	165,2	142,6
Turkey	1004,0	1008,8	...
Hungary	363,7	906,1	1066,8	1142,4	1047,8	1076,7	1036,1	888,1
Finland	2039,1	3213,3	4053,7	4408,6	4186,3	4385,9	4464,0	378,9
France	1964,4	3086,4	3744,2	3995,8	3765,8	3943,8	3987,5	3373,9
Croatia	588,4	1050,3	1396,6	1458,8	1345,2	1391,3	1383,9	1173,7
Czech Republic	365,5	832,2	1271,2	1407,6	1297,0	1294,5	1236,5	1064,9
Montenegro	...	406,2	947,9	1005,0	934,0	964,2	960,5	804,4
Switzerland	3480,7	5127,8	6698,4	7917,3	7536,5	7692,0	7845,0	7395,8
Sweden	2279,2	3231,9	3995,3	4561,2	4486,9	4748,5	4610,4	3849,0

INTERNATIONAL COMPARISONS

28.9. GDP¹*(USD mln. at purchasing power parities of 2010)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	...	735637	773438	815554	816796	817167	735763	663145	...
Austria	286227	311698	332385	341718	344267	344695	346917	350258	355448
Azerbaijan	50752	95463	204017	204162	208582	220700	226771	229252	...
Albania	16512	21965	28406	29129	29542	29838	30383	31170	...
Belgium	346224	378782	405848	413140	413706	413448	420254	426457	431545
Belarus	115945	166113	236006	249090	253437	255994	260466	250201	...
Bulgaria	79694	105040	124812	127202	127242	128339	130044	134748	139387
Bosnia and Herzegovina	24787	30683	35293	35614	35282	36126	36517	37618	...
United Kingdom	2111934	2426664	2471716	2509017	2541961	2590540	2670082	2728670	2777950
Armenia	10040	18153	21936	22957	24602	25403	26328	27122	...
Greece	265954	321810	316554	287645	266645	258002	258913	258345	258376
Georgia	17780	25308	32686	35047	37272	38535	40316	41609	...
Denmark	195250	208608	210816	213634	214118	216116	219738	223267	226142
Estonia	21240	29917	29317	31544	32903	33369	34311	34806	35354
Israel	171728	189796	235143	247046	252930	263999	272350	279180	290357
Ireland	123391	161677	165431	165364	163540	165337	179329	226449	238256
Iceland	12702	15633	16354	16679	16882	17626	17966	18702	20048
Spain	1134665	1340535	1413123	1398990	1358002	1334836	1353244	1396611	1441802
Italy	1794909	1880736	1851407	1862083	1809590	1778318	1780339	1794283	1810071
Kazakhstan	292244	478657	646924	704506	738094	782035	814950	824354	...
Canada	1139739	1294049	1369537	1412557	1437213	1472785	1510566	1524790	1546637
Kyrgyzstan	292244	478657	646924	704506	738094	782035	814950	824354	...
Cyprus	19667	23417	26516	26602	25762	24228	23857	24258	24945
Latvia	28809	42715	41748	44412	46191	47404	48409	49722	50692
Lithuania	42552	61401	65098	69036	71684	74198	76791	78157	79953
Luxemburg	32311	37367	42164	43235	43082	44801	47322	49217	51275

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Table 28.9 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Macedonia	17740	19557	23780	24337	24226	24934	25839	26832	27477
Malta	9500	10522	11629	11791	12095	12641	13691	14708	15449
Moldova, Republic of	12291	17308	20281	21663	21504	23525	24653	24533	...
Netherlands	619009	661486	704691	716415	708842	707493	717537	731541	747638
Germany	2720912	2799188	2976277	3085209	3100388	3115567	3165270	3219736	3279559
Norway	249378	278042	291138	293958	302039	305055	310909	315918	319154
Poland	526239	612650	773252	812043	825089	836565	864026	897243	921277
Portugal	244247	255007	262928	258125	247727	244927	247115	251055	254580
Russian Federation	2268904	3055169	3635998	3791043	3921286	3972995
Romania	245615	324940	375176	379139	381569	395045	407197	423233	443625
Serbia	74904	101231	115463	117081	115892	118873	116696	117580	120847
Slovakia	74024	94689	119403	122769	124804	126664	129920	134898	139329
Slovenia	45598	54405	59274	59659	58055	57424	59208	60579	62089
USA	12713130	14408086	14964400	15204093	15542173	15802920	16177541	16597509	16863317
Tajikistan	16448	26112	35712	36573	39333	42255	45080	47771	...
Turkey	942502	1190691	1396530	1551734	1626061	1764135	1855282	1967668	...
Turkmenistan	46258	59314	97175	111500	123822	136443	150477	160258	...
Hungary	172380	212745	210631	214295	210861	215325	224040	231093	235610
Uzbekistan	141622	183775	276561	299515	324076	350002	378002	408242	...
Finland	161774	183831	191459	196381	193580	192113	190899	191412	194068
France	1918808	2082933	2164418	2209422	2213458	2226213	2240385	2268932	2295825
Croatia	65694	81844	83784	83548	81720	80851	80453	81774	84169
Czech Republic	202020	244904	276166	281702	279449	278097	285648	298604	305848
Montenegro	...	7160	8890	9177	8927	9244	9409	9728	...
Switzerland	289276	311575	347809	354085	357796	364167	371439	374568	...
Sweden	304742	346947	375331	385332	384228	388997	399128	415432	429184

¹ Here and elsewhere (Tables 28.10, 28.11) estimated data from Statistics Division of United Nations Economic Commission for Europe

INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	...	3,1	4,1	5,4	0,2	0,0	...	-9,9	...
Austria	3,4	2,1	1,9	2,8	0,7	0,1	0,6	1,0	1,5
Azerbaijan	11,1	26,4	5,0	0,1	2,2	5,8	2,8	1,1	...
Albania	6,9	5,5	3,7	2,5	1,4	1,0	1,8	2,6	...
Belgium	3,6	2,1	2,7	1,8	0,1	-0,1	1,6	1,5	1,2
Belarus	...	9,4	7,7	5,5	1,7	1,0	1,7	-3,9	...
Bulgaria	4,9	7,1	1,3	1,9	0,0,	0,9	1,3	3,6	3,4
Bosnia and Herzegovina	5,4	3,9	0,8	0,9	-0,9	2,4	1,1	3,3	...
United Kingdom	3,7	3,0	1,9	1,5	1,3	1,9	3,1	2,2	1,8
Armenia	5,9	13,9	2,2	4,7	7,2	3,3	3,6	3,0	...
Greece	3,9	0,6	-5,5	-9,1	-7,3	-3,2	0,4	-0,2	0,0
Georgia	1,8	9,6	6,2	7,2	6,4	3,4	4,6	3,2	...
Denmark	3,7	2,3	1,9	1,3	0,2	0,9	1,7	1,6	1,3
Estonia	10,6	9,4	2,3	7,6	4,3	1,4	2,8	1,4	1,6
Israel	8,8	4,2	5,7	5,1	2,4	4,4	3,2	2,5	4,0
Ireland	9,9	5,8	2,0	0,0	-1,1	1,1	8,5	26,3	5,2
Iceland	4,7	6,7	-3,6	2,0	1,2	4,4	1,9	4,1	7,2
Spain	5,3	3,7	0,0	-1,0	-2,9	-1,7	1,4	3,2	3,2
Italy	3,7	1,0	1,7	0,6	-2,8	-1,7	0,1	0,8	0,9
Kazakhstan	9,8	9,7	7,3	8,9	4,8	6,0	4,2	1,2	...
Canada	5,2	3,2	3,1	3,1	1,7	2,5	2,6	0,9	1,4
Kyrgyzstan	5,4	0,0	-0,5	6,0	-0,1	10,5	4,0	3,9	...
Cyprus	5,7	3,7	1,3	0,3	-3,2	-6,0	-1,5	1,7	2,8
Latvia	5,4	10,7	-3,8	6,4	4,0	2,6	2,1	2,7	2,0
Lithuania	3,8	7,7	1,6	6,0	3,8	3,5	3,5	1,8	2,3
Luxemburg	8,2	3,2	4,9	2,5	-0,4	4,0	5,6	4,0	4,2

INTERNATIONAL COMPARISONS

Table 28.10 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Macedonia	...	4,7	3,4	2,3	-0,5	2,9	3,6	3,8	2,4
Malta	...	3,8	3,5	1,4	2,6	4,5	8,3	7,4	5,0
Moldova, Republic of	2,1	7,5	7,1	6,8	-0,7	9,4	4,8	-0,5	...
Netherlands	4,2	2,2	1,4	1,7	-1,1	-0,2	1,4	2,0	2,2
Germany	3,0	0,7	4,1	3,7	0,5	0,5	1,6	1,7	1,9
Norway	3,2	2,6	0,6	1,0	2,7	1,0	1,9	1,6	1,0
Poland	4,6	3,5	3,6	5,0	1,6	1,4	3,3	3,8	2,7
Portugal	3,8	0,8	1,9	-1,8	-4,0	-1,1	0,9	1,6	1,4
Russian Federation	10,0	6,4	4,5	4,3	3,4	1,3
Romania	2,4	4,2	-0,8	1,1	0,6	3,5	3,1	3,9	4,8
Serbia	7,8	5,5	0,6	1,4	-1,0	2,6	-1,8	0,8	2,8
Slovakia	1,2	6,8	5,0	2,8	1,7	1,5	2,6	3,8	3,3
Slovenia	4,2	4,0	1,2	0,6	-2,7	-1,1	3,1	2,3	2,5
USA	4,1	3,3	2,5	1,6	2,2	1,7	2,4	2,6	1,6
Tajikistan	8,3	6,7	6,5	2,4	7,5	7,4	6,7	6,0	...
Turkey	6,6	9,0	8,5	11,1	4,8	8,5	5,2	6,1	...
Turkmenistan	5,5	13,0	9,2	14,7	11,1	10,2	10,3	6,5	...
Hungary	4,2	4,4	0,7	1,7	-1,6	2,1	4,0	3,1	2,0
Uzbekistan	3,8	7,0	8,5	8,3	8,2	8,0	8,0	8,0	...
Finland	5,6	2,8	3,0	2,6	-1,4	-0,8	-0,6	0,3	1,4
France	3,9	1,6	2,0	2,1	0,2	0,6	0,6	1,3	1,2
Croatia	3,8	4,2	-1,7	-0,3	-2,2	-1,1	-0,5	1,6	2,9
Czech Republic	4,3	6,4	2,3	2,0	-0,8	-0,5	2,7	4,5	2,4
Montenegro	2,5	3,2	-2,7	3,6	1,8	3,4	...
Switzerland	3,9	3,0	3,0	1,8	1,0	1,8	2,0	0,8	...
Sweden	4,7	2,8	6,0	2,7	-0,3	1,2	2,6	4,1	3,3

INTERNATIONAL COMPARISONS

28.11. GDP per capita*(at the 2010 PPPs; USD)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	...	15617	16861	17843	17915	17964	16655	15478	...
Austria	35727	37895	39754	40736	40856	40661	40604	40588	40673
Azerbaijan	6286	11231	22532	22257	22438	23437	23783	23758	...
Albania	5364	7294	9751	10028	10186	10301	10500	10789	...
Belgium	33791	36164	37292	37633	37426	37231	37667	38036	38288
Belarus	11650	17231	24863	26254	26703	26954	27416	26349	...
Bulgaria	9754	13715	16877	17310	17416	17665	18002	18722	19482
Bosnia and Herzegovina	6535	8004	9202	9293	9216	9448	9566	9873	...
United Kingdom	35865	40168	39384	39646	39902	40410	41334	41909	42365
Armenia	3117	5770	7204	7582	8135	8406	8736	9027	...
Greece	24612	29289	28464	25902	24142	23529	23770	23793	...
Georgia	4024	5803	7341	7817	8300	8588	9828	11194	...
Denmark	36577	38496	38005	38354	38297	38503	38940	39294	39473
Estonia	15157	22016	21988	23723	24829	25275	26076	26503	26867
Israel	27305	27387	30844	31812	31974	32756	33150	33314	33972
Ireland	32435	38865	36281	36128	35628	35929	38859	48780	50872
Iceland	45179	52840	51425	52282	52637	54443	54876	56533	...
Spain	27979	30702	30349	29934	29038	28649	29130	30095	31028
Italy	31522	32320	30945	31004	29990	29323	29287	29545	29858
Kazakhstan	19539	30978	39663	42557	43878	45734	46913	46771	...
Canada	37142	40135	40274	41131	41354	41890	42499	42530	42623
Kyrgyzstan	3210	3745	4354	4540	4460	4846	4957	5065	...
Cyprus	28338	31707	31969	31264	29819	28109	27985	28617	29242
Latvia	12168	19080	19906	21572	22713	23551	24274	25146	25854
Lithuania	12160	18480	21018	22798	23992	25086	26187	26905	27872
Luxemburg	73942	80238	83075	83235	81058	82154	84757	86437	87859

INTERNATIONAL COMPARISONS

Table 28.11 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Macedonia	8755	9601	11572	11822	11754	12080	12498	12961	13266
Malta	24362	26057	28056	28325	28837	29858	32031	34051	35384
Moldova, Republic of	3377	4814	5694	6085	6041	6611	6932	6903	...
Netherlands	38878	40540	42421	42917	42314	42113	42551	43205	43901
Germany	33403	34415	37072	38433	38550	38633	39086	39416	39641
Norway	55528	60143	59550	59350	60179	60050	60523	60859	60954
Poland	13756	16054	20076	21078	21412	21728	22452	23332	23975
Portugal	23737	24279	24868	24449	23560	23422	23759	24238	24648
Russian Federation	15477	21348	25532	26520	27393	27686
Romania	10948	15241	18530	18818	19021	19763	20449	21692	22899
Serbia	9965	13605	15835	16179	16093	16587	16363	16571	...
Slovakia	13706	17577	21990	22743	23085	23400	23977	24878	25655
Slovenia	22921	27192	28931	29062	28226	27882	28716	29360	30073
USA	44939	48653	48292	48670	49372	49830	50642	51581	52028
Tajikistan	2659	3837	4710	4717	4959	5209	5434	5632	...
Turkey	14322	17399	19093	20906	21630	23167	24038	25156	...
Turkmenistan	10276	12493	19273	21834	23937	26038	28353	29824	...
Hungary	16882	21091	21063	21490	21255	21765	22707	23487	24005
Uzbekistan	5776	7089	9970	10637	11334	12055	12827	13657	...
Finland	31253	35042	35697	36446	35756	35321	34947	34926	35320
France	31522	32993	33312	33838	33734	33768	33829	34117	34435
Croatia	14842	18982	19503	19511	19145	18990	18977	19381	20068
Czech Republic	19666	23930	26258	26837	26591	26458	27140	28323	28952
Montenegro	...	11615	14294	14732	14310	14799	15047	15546	...
Switzerland	39905	41641	44275	44751	44742	45018	45360	45225	...
Sweden	34348	38423	40022	40779	40363	40519	41164	42395	43251

INTERNATIONAL COMPARISONS

28.12. Growth rate (decrease) of industrial production*(percentage of the previous year)*

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine¹	13,2	3,1	12,0	8,0	-0,5	-4,3	-10,1	-13,0	2,8
Austria	8,6	4,0	7,1	6,2	-0,1	0,8	0,8	2,3	2,2
Azerbaijan	6,9	33,5	2,6	-5,0	-2,3	1,8	-0,7	2,4	-0,5
Albania	12,0	-0,2	18,5	11,9	6,0	-13,8	3,0	1,6	...
Belgium	...	3,2	11,5	4,7	-2,2	0,8	0,9	0,2	4,6
Belarus	7,5	10,0	11,7	9,1	5,8	-4,9	1,9	-6,6	-0,4
Bulgaria	...	6,9	2,0	5,8	-0,3	-0,2	1,8	2,9	2,6
Bosnia and Herzegovina	8,8	6,1	4,4	2,4	-3,9	5,1	0,2	3,1	4,5
United Kingdom	1,8	-0,7	3,2	-0,6	-2,7	-0,7	1,6	1,2	1,1
Armenia	6,4	7,5	9,7	14,1	8,8	6,8	2,7	5,2	6,7
Greece	...	-1,6	-6,1	-5,8	-2,1	-3,2	-1,9	1,0	2,5
Georgia	10,8	30,6	14,7	21,5	5,6	0,6	4,6	2,0	...
Denmark	6,8	2,8	1,9	1,8	0,2	0,4	0,9	1,2	3,4
Estonia	14,5	11,0	23,5	19,9	1,1	4,1	3,9	0,3	2,4
Israel	10,0	4,9	9,5	2,1	4,0	0,5	1,2	2,2	1,6
Ireland	14,3	4,0	7,5	-0,4	-1,5	-2,2	21,0	37,0	0,6
Spain	4,0	0,2	0,9	-2,1	-6,6	-1,9	1,6	3,3	1,5
Italy	3,1	-1,8	7,0	0,4	-6,0	-3,1	-1,1	1,8	1,2
Kazakhstan	15,5	5,0	10,0	10,0	0,5	2,3	0,2	-1,6	-1,1
Canada	8,6	2,0	4,8	4,9	0,0	1,5	4,1	-0,7	0,4
Kyrgyzstan	6,0	-12,1	9,8	11,9	-15,9	28,6	-1,6	-0,2	1,8
Cyprus	...	0,5	-1,8	-7,7	-9,8	-13,6	-0,6	3,6	7,7
Latvia	...	7,1	14,8	9,0	6,2	-1,0	-1,0	3,6	5,4
Lithuania	-0,8	6,7	6,4	6,3	3,7	3,2	0,1	4,9	2,8
Luxemburg	...	2,3	8,9	1,4	-4,8	-3,2	4,4	1,2	-0,2

INTERNATIONAL COMPARISONS

Table 28.12 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Macedonia	3,5	7,1	-4,8	3,3	-2,8	3,2	4,8	4,9	3,4
Malta	...	-5,6	8,6	-0,1	5,5	-4,9	-6,0	6,2	-3,6
Moldova, Republic of	7,7	7,0	9,3	9,5	-1,9	6,8	7,3	1,1	0,8
Netherlands	...	0,4	7,8	-0,7	-0,6	0,6	-2,9	-3,3	1,7
Germany	5,1	3,0	11,2	7,0	-0,8	-0,1	1,3	1,5	1,1
Norway	3,1	0,0	-5,6	-5,0	1,8	-2,7	2,1	1,5	-1,1
Poland	6,8	4,2	11,1	6,7	1,3	2,3	3,4	4,8	2,8
Portugal	7,0	-3,7	1,7	-1,3	-5,8	0,8	1,7	1,9	0,1
Russian Federation	8,8	5,1	7,3	5,0	3,4	1,8
Romania	...	-3,1	5,5	7,5	2,4	7,8	6,1	2,8	1,7
Serbia	...	0,7	1,2	2,5	-2,2	5,4	-6,4	8,4	4,7
Slovakia	...	-0,8	8,2	5,2	8,0	3,8	3,6	7,3	4,8
Slovenia	6,3	3,5	7,2	1,3	-1,1	-1,0	2,2	5,6	6,4
USA	3,9	3,3	5,6	3,1	3,0	2,0	3,1	-0,7	-1,2
Tajikistan	9,9	9,7	9,2	5,7	10,4	3,8	5,0	11,3	16,5
Turkey	6,0	14,0	12,9	10,1	2,5	3,0	3,6	3,2	1,8
Hungary	16,8	6,8	10,5	5,6	-1,8	1,1	7,7	7,4	1,0
Uzbekistan	5,9	7,2	8,5	6,4	7,9	9,6	8,3	7,3	6,0
Finland	8,4	-0,9	5,7	1,7	-2,2	-3,1	-1,8	-1,0	2,0
France	2,4	-0,4	4,5	2,4	-2,3	-0,8	-0,8	1,9	0,5
Croatia	1,5	4,6	-1,4	-1,2	-5,5	-1,8	1,2	2,7	5,4
Czech Republic	...	3,9	8,6	5,9	-0,8	-0,1	5,0	4,6	3,0
Montenegro	3,7	-1,9	17,5	-10,3	-7,1	10,6	-11,4	1,5	-3,0
Switzerland	8,4	3,3	4,2	3,6	2,6	0,8	1,4	-2,4	-0,3
Sweden	5,2	2,5	9,4	2,7	-2,1	-4,7	-1,9	3,7	1,5

¹ See methodology notes to Chapter 17

INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	28,2	13,5	9,4	8,0	0,6	-0,3	12,1	48,7	13,9
Austria	2,4	2,3	1,8	3,3	2,5	2,0	1,6	0,9	0,9
Azerbaijan	1,8	9,6	5,7	7,8	1,0	2,4	1,4	4,0	...
Albania	0,0	2,4	3,6	3,4	2,0	1,9	1,6	1,9	1,3
Belgium	2,5	2,8	2,2	3,5	2,8	1,1	0,3	0,6	2,0
Belarus	168,9	10,4	7,7	53,3	59,1	18,3	18,3	13,6	...
Bulgaria	10,3	5,0	2,4	4,2	3,0	0,9	-1,4	-0,1	-0,8
Bosnia and Herzegovina	1,7	3,7	2,2	3,7	2,0	-0,1	-0,9	-0,8	-1,2
United Kingdom	0,8	2,0	3,3	4,5	2,8	2,6	1,5	0,0	0,6
Armenia	-0,8	0,6	8,2	7,6	2,6	5,8	3,0	3,7	-1,3
Greece	3,2	3,6	4,7	3,3	1,5	-0,9	-1,3	-1,7	-0,8
Georgia	8,2	8,3	7,1	8,5	-0,9	-0,5	3,1	4,0	2,1
Denmark	2,9	1,8	2,3	2,8	2,4	0,8	0,6	0,4	0,2
Estonia	4,0	4,1	3,0	5,0	3,9	2,8	-0,1	-0,5	0,2
Israel	1,1	1,3	2,7	3,5	1,7	1,5	0,5	-0,6	-0,5
Ireland	5,6	2,4	-1,0	2,6	1,7	0,5	0,2	-0,3	0,0
Iceland	5,1	4,0	5,4	4,0	5,2	3,9	2,0	1,6	1,7
Spain	3,4	6,5	1,8	3,2	2,4	1,4	-0,2	-0,5	-3,1
Italy	2,5	2,0	1,5	2,7	3,0	1,2	0,2	0,0	-0,1
Kazakhstan	13,2	7,6	7,1	8,4	5,1	5,8	6,7	6,6	14,5
Canada	2,7	2,2	1,8	2,9	1,5	0,9	1,9	1,1	1,4
Kyrgyzstan	19,7	4,4	8,0	16,5	2,7	6,6	7,5	6,5	0,4
Cyprus	4,2	2,6	2,4	3,3	2,4	-0,4	-1,4	-2,1	-1,4
Latvia	2,6	6,7	-1,1	4,4	2,2	0,0	0,6	0,2	0,1
Lithuania	1,0	2,6	1,3	4,1	3,1	1,0	0,1	-0,9	0,9
Luxemburg	3,2	2,5	2,3	3,4	2,7	1,7	0,6	0,5	0,3

INTERNATIONAL COMPARISONS

Table 28.13 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Macedonia	6,6	0,2	1,5	3,9	3,3	2,8	-0,3	-0,3	-0,2
Malta	2,4	3,0	1,5	2,7	2,4	1,4	0,3	1,1	0,6
Moldova, Republic of	31,2	11,8	7,4	7,6	4,6	4,6	5,1	9,7	6,4
Netherlands	2,3	1,7	1,3	2,3	2,5	2,5	1,0	0,6	0,3
Germany	1,5	1,6	1,1	2,1	2,0	1,5	0,9	0,2	0,5
Norway	3,1	1,5	2,4	1,3	0,7	2,1	2,0	2,2	3,6
Poland	10,1	2,1	2,7	4,3	3,6	1,0	0,1	-0,8	-0,6
Portugal	2,8	2,3	1,4	3,7	2,8	0,3	-0,3	0,5	0,6
Russian Federation	20,8	12,7	6,9	8,4	5,1	6,8
Romania	45,7	9,0	6,1	5,8	3,3	4,0	1,1	-0,6	-1,5
Serbia	71,1	16,1	6,1	11,1	7,3	7,7	2,1	1,4	1,1
Slovakia	12,0	2,7	1,0	3,9	3,6	1,4	-0,1	-0,3	-0,5
Slovenia	8,9	2,5	1,8	1,8	2,6	1,8	0,2	-0,5	-0,1
USA	3,4	3,4	1,6	3,2	2,1	1,5	1,6	0,1	1,3
Tajikistan	32,8	7,2	6,4	12,4	5,8	5,0	6,1	5,7	...
Turkey	54,9	10,1	8,6	6,5	8,9	7,5	8,8	7,7	7,8
Hungary	9,8	3,6	4,9	3,9	5,7	1,7	-0,2	-0,1	0,4
Finland	3,4	0,9	1,2	3,4	2,8	1,5	1,0	-0,2	0,4
France	1,7	1,7	1,5	2,1	2,0	0,9	0,5	0,0	0,2
Croatia	4,6	3,3	1,0	2,3	3,4	2,2	-0,2	-0,5	-1,1
Czech Republic	3,9	1,8	1,4	1,9	3,3	1,4	0,4	0,3	0,7
Montenegro	...	2,6	0,6	3,4	4,2	2,2	-0,7	1,6	-0,3
Switzerland	1,5	1,2	0,7	0,2	-0,7	-0,2	0,0	-1,1	-0,4
Sweden	1,0	0,4	1,2	3,0	0,9	0,0	-0,2	0,0	1,0

INTERNATIONAL COMPARISONS

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

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Ukraine	20,8	16,7	20,9	19,0	3,7	-0,1	17,1	36,0	20,5
Austria	4,3	3,4	4,0	4,8	1,0	-1,0	-1,5	-2,1	-2,5
Azerbaijan	27,5	16,5	26,9	9,3	2,5	-4,0	-4,6	30,7	...
Albania	4,9	5,1	0,3	2,6
Belgium	4,6	5,7	5,4	8,1	3,5	0,6	-4,6	-4,2	-1,8
Belarus	185,6	12,1	13,6	73,3	78,5	14,5	12,8	16,9	...
Bulgaria	19,4	7,3	7,1	8,6	5,3	-1,3	-0,9	-1,7	-2,8
Bosnia and Herzegovina	0,9	-0,4	1,0	3,8	0,9	-1,8	-0,6	0,6	...
United Kingdom	2,4	10,6	5,4	9,7	2,2	1,0	-2,3	-7,6	-0,3
Armenia	-0,4	7,6	22,6	7,7	7,0	4,7	8,5	-0,8	1,5
Greece	5,2	5,9	6,1	7,4	4,9	-0,7	-0,8	-5,8	5,4
Georgia	7,0	8,0	11,3	12,8	1,6	-2,0	2,6	7,4	-0,9
Denmark	7,3	9,2	6,4	7,8	2,5	2,2	-2,3	-6,4	-1,5
Estonia	...	1,7	1,7	4,6	3,4	9,9	-2,4	-2,8	-2,1
Israel	3,6	6,2	4,0	7,8	4,3	0,4	-1,4	-5,9	-3,6
Ireland	1,5	6,5	3,1	1,5	-0,3	-4,4	-2,8
Spain	5,4	4,7	3,7	6,9	3,8	0,6	-1,3	-2,1	-3,1
Italy	6,1	4,0	3,1	5,1	4,1	-1,2	-1,8	-3,4	-2,2
Kazakhstan	38,0	23,7	25,2	27,2	3,5	-0,3	9,5	-20,5	17,0
Canada	4,3	1,6	1,5	6,9	1,1	0,4	2,5	-0,8	-0,2
Kyrgyzstan	32,0	3,1	23,1	21,8	-2,2	-6,1	0,2	9,1	6,4
Cyprus	...	4,9	4,0	5,9	8,1	-2,2	-3,1	-5,7	-3,8
Latvia	...	7,1	-0,2	8,8	5,3	1,1	0,1	-1,4	-3,3
Lithuania	10,3	6,0	3,9	10,4	5,6	-0,3	-5,1	-9,2	-3,3
Luxemburg	6,2	3,6	1,5	4,4	3,6	1,3	-4,8	-0,5	-0,6

INTERNATIONAL COMPARISONS

Table 28.14 continued

	2000	2005	2010	2011	2012	2013	2014	2015	2016
Macedonia	10,8	3,2	8,7	12,4	4,6	0,4	-1,2	-3,9	-0,1
Malta	...	5,0	11,5	2,2	2,3	0,9	-1,1	-3,2	-0,4
Moldova, Republic of	33,5	5,9	7,4	6,8	7,9	2,8	8,5	6,3	...
Netherlands	12,4	6,8	4,2	9,8	3,8	-1,3	-3,2	-7,3	-5,2
Germany	2,9	4,4	1,5	5,1	1,7	0,0	-0,9	-1,8	-1,7
Norway	13,1	6,1	8,5	8,0	-0,1	2,9	0,4	-4,6	-0,3
Poland	...	2,5	3,7	7,6	3,6	-1,2	-1,4	-2,4	-0,2
Portugal	14,2	6,0	5,7	6,0	3,0	-0,4	-1,5	-4,2	-1,8
Russian Federation	46,5	20,7	12,6	18,8	8,4	3,2
Romania	...	18,4	4,1	6,6	4,8	3,7	0,2	-1,8	-2,3
Serbia	...	14,2	12,1	14,4	5,6	3,0	1,0	0,4	0,0
Slovakia	6,5	3,7	-2,8	2,7	3,8	-0,2	-3,6	-4,3	-4,4
Slovenia	7,9	2,8	2,0	3,8	1,0	0,3	-1,1	-0,5	-1,4
USA	5,8	7,3	6,8	8,8	0,6	0,6	0,9	-7,2	-2,6
Tajikistan	39,0	10,4	34,6	28,0	14,2	3,9	0,9	4,8	...
Turkey	...	7,1	6,2	12,3	6,1	5,7	10,1	5,3	4,3
Hungary	13,6	6,1	7,3	6,1	5,3	-0,5	-2,1	-3,0	-3,1
Finland	5,1	4,2	6,7	5,8	2,3	0,8	-0,9	-2,2	-1,7
France	4,7	2,8	2,7	5,4	2,8	0,3	-1,3	-2,2	-2,3
Croatia	11,8	2,7	4,3	6,4	7,0	0,4	-2,7	-3,8	-3,9
Czech Republic	4,8	3,1	1,3	5,5	2,1	0,8	-0,8	-3,2	-3,2
Montenegro	...	2,0	-0,5	3,6	1,9	1,8	0,6	0,3	...
Switzerland	1,0	0,8	-0,1	-1,1	-0,6	0,4	-0,8	-3,7	-1,3
Sweden	3,6	3,8	3,0	0,9	-0,3	-0,7	0,1	-1,1	0,0

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