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STATISTICAL
YEARBOOK OF
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FOR 2012

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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 2012 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

The Statistical Yearbook of Ukraine for 2012 presents a wide range of statistics on social and economic situation in Ukraine in 2012 compared with 1990, 1995 and 2000–2011. Statistics have been compiled by type of economic activity, industrial (construction) activity specifically, product type, organisational and legal status, region. The publication contains the following sections: prices and tariffs, Unified State Register of Enterprises and Organisations of Ukraine (Business register), material and energy resources, industry, agriculture, hunting, forestry, fishing, investment and construction activity, transport and communications, foreign economic activity, wholesale and retail trade, restaurants, services, research and development, innovations, population, employment, income and expenditure of the population, housing conditions of the population, education, health and social aid, culture, leisure, sport and tourism, criminal justice, natural resources and environment protection. Basic indicators of the national accounts – gross domestic product and gross regional product are also included. Information about government finances, monetary system and finance of the enterprises is shown separately. Indicators for development of business entities are also included. International comparisons by countries of the world are shown in a separate section. Some indicators are presented in time series. Most sections also have methodological explanations.

Macroeconomic figures and indicators of some industries for 2012 are preliminary and will be revised in the forthcoming editions. Some indicators have been revised as compared to those previously published.

State Statistics Service of Ukraine

ABBREVIATIONS USED IN THE YEARBOOK

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

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	45,6 mln.
Area	603,5 thsd.sq.km (source: the State Agency of Land Resources 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	Chervona Zirka Village (Luhansk oblast)

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 2012

(source: the Ukrainian Hydrometeorological center; mm)

Steppe	464	Forest	735
Forest-steppe	649	Kyiv city	745

Air temperature

(source: the Ukrainian Hydrometeorological center; °C)

Average monthly air temperature in 2012

	<i>January</i>	<i>July</i>
Steppe	-2,7	25,2
Forest-steppe	-4,0	23,1
Forest	-3,0	21,8
Kyiv city	-4,0	23,7

In 2012 the absolute minimum of air temperature was minus 36⁰ in February in the Autonomous Republic of Crimea.

In 2012 the absolute maximum of air temperature was plus 41⁰ in August in the Odesa and Kherson oblast.

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Biggest rivers			
		<i>(length within the borders of Ukraine; km)</i>	
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'	386

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

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, according to which Ukraine is a republic. The country includes the Autonomous Republic of Crimea, 24 administrative regions (oblasts) and cities of Kyiv and Sevastopol. These cities have special status, which is stipulated by Ukraine's legislation.

The head of state is the President elected by the citizens of Ukraine through equal vote and direct countrywide elections a the period of 5 years and not more than two consecutive terms.

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

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

Sovereignty and the integral source of authority in the state belong to the people of Ukraine.

The main public holiday is the Independence Day celebrated on 24 August.

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.2. Religious organisations

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

	1996	2001	2006	2007	2008	2009	2010	2011	2012	2013
Total	17045	24311	30507	31227	32018	32639	33351	33977	34586	35116
Centers, departments (eparchies, dioceses, etc)	161	241	299	317	328	340	350	362	375	382
Communities	16583	23400	29262	29913	30670	31257	31940	32521	33099	33581
Monasteries	147	277	386	406	421	432	439	459	471	500
Missions	79	214	309	326	333	340	347	357	360	370
Brotherhoods	17	53	76	80	74	74	76	78	80	81
Theological schools	58	126	175	185	192	196	199	200	201	202
Number of clergy	15315	22626	28431	29423	29441	29892	30516	30199	30880	31313
Number of Sunday schools	4597	7684	12522	12775	12689	12633	12758	12762	12899	13157

Of the total religious organisations registered at the beginning of 2013, 18975 were Orthodox, 5021 Catholic, 9561 Protestant, 309 communities of Judaic denomination, 627 Moslem, 103 of Eastern cults and 520 other. In addition 1879 religious organisations operated unofficially.

1.3. Registered public associations

(source: the State Registration Service of Ukraine; as of January 1, 2013)

	Registered public associations	Official status	
		international	Ukrainian
Total	3943	821	3122
Political parties	198	—	198
Non-profit organisations	3745	821	2924
People's Rukhs (movements)	25	5	20
Ethnic societies and associations for friendly cooperation	183	83	100
Youth associations	232	20	212
of which, student associations	17	1	16
Children's associations	29	4	25
Women's associations	55	6	49
Associations of veterans and disabled	106	15	91
of which, associations of war veterans and disabled	12	—	12
Professional associations	707	96	611
Environment protection (ecological) associations/societies	84	25	59
Societies for protection of memorials and relics	8	2	6
Health, sports and physical training associations	433	51	382
Associations for protection of people from the Chernobyl disaster consequences	37	23	14
Scientific and technological societies, artistic unions	162	41	121
Educational and cultural associations	236	62	174
Other non-profit organisations	1448	388	1060
In addition: unions of public associations	149	13	136
charitable organisations (associations, funds and other)	1201	745	456
trade union organisations	173	—	173

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.4. Total area and present population, by region

(as of January 1, 2013)

	Area ¹ , thsd.sq.km	Population, thsd.	Of which		Share of urban population	Population density, persons per 1 sq.km
			urban	rural		
Ukraine	603,5	45553,0	31378,6	14174,4	68,9	75,5
Autonomous Republic of Crimea	26,1	1965,2	1233,2	732,0	62,7	75,3
oblasts						
Vinnnytsya	26,5	1627,0	816,0	811,0	50,2	61,4
Volyn	20,1	1040,0	541,5	498,5	52,1	51,6
Dnipropetrovsk	31,9	3307,8	2763,2	544,6	83,5	103,6
Donetsk	26,5	4375,4	3964,1	411,3	90,6	165,0
Zhytomyr	29,8	1268,9	740,7	528,2	58,4	42,5
Zakarpattya	12,8	1254,4	466,4	788,0	37,2	98,4
Zaporizhzhya	27,2	1785,2	1375,7	409,5	77,1	65,7
Ivano-Frankivsk	13,9	1381,8	599,6	782,2	43,4	99,2
Kyiv	28,1	1722,1	1064,8	657,3	61,8	61,2
Kirovohrad	24,6	995,2	620,5	374,7	62,3	40,5
Luhansk	26,7	2256,5	1959,0	297,5	86,8	84,6
Lviv	21,8	2540,7	1546,1	994,6	60,9	116,4
Mykolayiv	24,6	1173,5	796,1	377,4	67,8	47,7
Odesa	33,3	2395,2	1602,2	793,0	66,9	71,9
Poltava	28,8	1467,8	901,7	566,1	61,4	51,1
Rivne	20,1	1156,9	553,1	603,8	47,8	57,7
Sumy	23,8	1143,2	775,7	367,5	67,9	48,0
Ternopil	13,8	1077,3	475,2	602,1	44,1	77,9
Kharkiv	31,4	2744,4	2204,9	539,5	80,3	87,4
Kherson	28,5	1078,2	659,5	418,7	61,2	37,9
Khmelnyskiy	20,6	1314,0	729,0	585,0	55,5	63,7
Cherkasy	20,9	1268,9	715,3	553,6	56,4	60,7
Chernivtsi	8,1	907,2	385,7	521,5	42,5	112,1
Chernihiv	31,9	1077,8	684,7	393,1	63,5	33,8
cities						
Kyiv	0,8	2845,0	2845,0	—	100,0	3404,8
Sevastopol ²	0,9	383,4	359,7	23,7	93,8	444,0

¹ Source: the State Agency of Land Resources of Ukraine

² Including the town of Inkerman, Kacha township and village councils that are subordinated to the city council

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.5. Administrative and territorial units, by region

*(source: Verkhovna Rada of Ukraine official website;
as of January 1, 2013)*

	Rayons	Cities and towns		City districts	Townships	Villages
		total	of which have special, republican and oblast status			
Ukraine	490	460	180	111	885	28441
Autonomous Republic of Crimea	14	16	11	3	56	948
oblasts						
Vinnitsya	27	18	6	—	29	1461
Volyn	16	11	4	—	22	1054
Dnipropetrovsk	22	20	13	18	46	1435
Donetsk	18	52	28	21	131	1118
Zhytomyr	23	12	5	2	43	1613
Zakarpattia	13	11	5	—	19	579
Zaporizhzhya	20	14	5	7	22	915
Ivano-Frankivsk	14	15	5	—	24	765
Kyiv	25	26	13	—	30	1126
Kirovohrad	21	12	4	2	27	995
Luhansk	18	37	14	4	109	781
Lviv	20	44	9	6	34	1850
Mykolayiv	19	9	5	4	17	894
Odesa	26	19	7	4	33	1125
Poltava	25	15	5	5	21	1810
Rivne	16	11	4	—	16	1000
Sumy	18	15	7	2	20	1466
Ternopil	17	18	1	—	17	1023
Kharkiv	27	17	7	9	61	1679
Kherson	18	9	3	3	31	658
Khmelnyskiy	20	13	6	—	24	1414
Cherkasy	20	16	6	2	15	824
Chernivtsi	11	11	2	3	8	398
Chernihiv	22	16	3	2	29	1481
cities						
Kyiv	—	1	1	10	—	—
Sevastopol ¹	—	2	1	4	1	29

¹ See the second footnote to Table 1.4

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.6. Basic social and economic indicators

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Gross domestic product (at current prices), mln. UAH	170070	441452	544153	720731	948056	913345	1082569	1302079	1408889
per capita, UAH	3436	9372	11630	15496	20495	19832	23600	28488	30901
Population income, mln. UAH	128736	381404	472061	623289	845641	894286	1101175	1266753	1407197
Consumer price index (Dec. over Dec. of the previous year), percent	125,8	110,3	111,6	116,6	122,3	112,3	109,1	104,6	99,8
Industrial producer price index (Dec. over Dec. of the previous year), percent	120,8	109,5	114,1	123,3	123,0	114,3	118,7	114,2	100,3
Price index for products sold by agricultural enterprises (of the previous year), percent	155,8	108,1	102,4	138,0	110,3	106,4	130,0	113,6	106,8
Consolidated budget, bln. UAH									
Revenue	49,1	134,2	171,8	219,9	297,9	273,0	314,5 ¹	398,6	445,5
Expenditure	48,0	141,7	175,3	226,1	309,2	307,4	377,8	416,9	492,5
Lending	0,1	0,3	0,2	1,6	2,8	2,8	1,3	4,8	3,9
Deficit (+)/ Surplus (-)	-1,0	7,8	3,7	7,7	14,1	37,3	64,7	23,1	50,8
Financial outcome before taxation ² , bln. UAH	13,9	64,4	76,3	135,9	9,0	-45,0	58,3	122,2	101,9
Agricultural production (at constant prices of 2010), bln. UAH	151,0	179,6	184,1	172,1	201,6	197,9	194,9	233,7	223,3
Crop cultivation	92,8	114,5	116,6	106,0	136,3	129,9	124,6	162,4	149,2
Livestock breeding	58,2	65,1	67,5	66,1	65,3	68,0	70,3	71,3	74,1
Capital investment, mln. UAH	...	111174	148972	222679	272074	192878	189061 ³	259932 ³	293692 ³
Residential buildings put into service, mln.sq.m of total size	5,6	7,8	8,6	10,2	10,5	6,4	9,3 ⁴	9,4 ⁴	10,7 ⁴
Freight shipped by all type of carriers ⁵ , bln.t	1,5	1,8	1,9	2,0	2,0	1,6	1,8	1,9	1,9

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

Table 1.6 continued

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Passenger departure (transportation) by transport of general use ⁶ , bln.	7,8	8,2	8,2	8,2	8,3	7,3	6,8	7,0	6,8
Turnover of retail trade (at current prices) ⁷ , bln. UAH	47,5	174,4	237,8	325,1	456,0	444,3	541,5	685,7	812,1
Services sold ⁸ , bln. UAH	—	95,8	120,9	157,0	215,8	224,6	256,4	308,2	329,2
Exports of goods and services, bln. USD	18,1	40,4	45,9	58,3	78,7	49,3	63,2	82,2	82,4
Imports of goods and services, bln. USD	15,1	39,1	48,8	65,6	92,0	50,6	66,2	88,8	91,4
Resident population (end of year), mln.	48,7	46,7	46,5	46,2	46,0	45,8	45,6	45,5	45,4
Natural increase, decrease (–) in population, thsd.	–373,0	–355,9	–297,7	–290,2	–243,9	–194,2	–200,5	–162,0	–142,4
Total employed, thsd.	20175,0	20680,0	20730,4	20904,7	20972,3	20191,5	20266,0	20324,2	20354,3
Unemployed (ILO methodology), thsd.	2655,8	1600,8	1515,0	1417,6	1425,1	1958,8	1785,6	1732,7	1657,2
Unemployment rate (ILO methodology), percent	11,6	7,2	6,8	6,4	6,4	8,8	8,1	7,9	7,5
Registered unemployed (end of year), thsd.	1155,2	881,5	759,5	642,3	844,9	531,6	544,9	482,8	506,8
Registered unemployment rate, percent	4,1	3,1	2,7	2,3	3,0	1,9	2,0	1,8	1,8
Average monthly nominal wages ⁹ , UAH	230	806	1041	1351	1806	1906	2239	2633	3026

¹ In 2010, including repayment of last years indebtedness of VAT refunding amounted 16,4 bln. UAH on the special fund of the Central Budget of Ukraine by release domestic government bonds

² For 2000–2008, financial outcome from usual activity before taxation

³ Excluding VAT

⁴ See the footnote to Table 9.19

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, based on data derived from complete enumeration and administrative data of retail trade and restaurants belonging to natural persons (businesses)

⁸ Including VAT

⁹ Prior to 2009, it includes data by businesses, establishments, organisations and their separate units without employees of statistically small businesses. Since 2010, by businesses, establishments, organisations and their separate units employing 10 and more employees

BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.7. Indices of basic social and economic indicators

(percent of the previous year)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Gross domestic product (at the prices of the previous year)	87,8	105,9	102,7	107,3	107,9	102,3	85,2	104,1	105,2	100,2
per capita	88,5	106,7	103,5	108,1	108,6	102,9	85,6	104,6	105,6	100,4
Population income	526,3	131,2	139,1	123,8	132,0	135,7	105,8	123,1	115,0	111,1
Financial outcome before taxation ¹	365,3	...	144,4	118,5	178,2	6,6	×	×	209,5	83,4
Industrial production ^{2,3}	88,0	113,2	103,1	106,2	107,6	94,8	78,1	111,2	107,6	98,2
Agricultural production	96,4	109,8	100,1	102,5	93,5	117,1	98,2	98,5	119,9	95,5
Capital investment ⁴	103,4	118,9	108,3
Residential buildings put into service	85,8	90,4	103,3	110,4	118,7	102,5	61,0	145,9	100,8	114,2
Freight shipped by all type of carriers	95,7	99,5	104,3	103,7	106,3	99,1	82,4	108,7	106,8	98,2
Passenger departure (transportation) by transport of general use	77,0	98,3	102,5	100,5	99,7	101,4	87,3	94,1	102,0	97,6
Turnover of retail trade	85,6	106,6	122,4	126,5	128,9	118,1	82,6	109,8	114,8	115,0
Services sold (at comparable prices)	116,4	113,5	115,7	112,8	88,9	103,2	112,0	100,8
Exports of goods and services	...	118,8	106,3	113,7	127,2	134,9	62,6	128,1	130,1	100,3
Imports of goods and services	...	116,6	125,8	124,8	134,5	140,3	55,0	130,8	134,2	102,9
Resident population (end of year)	99,2	99,1	99,3	99,4	99,4	99,5	99,6	99,6	99,7	99,8
Total employed	—	101,1	101,9	100,2	100,8	100,3	96,3	100,4	100,3	100,1
Unemployed (ILO methodology)	—	101,6	84,0	94,6	93,6	100,5	137,5	91,2	97,0	95,6
Registered unemployed (end of year)	154,3	98,4	89,8	86,2	84,6	131,5	62,9	102,5	88,6	105,0
Average monthly wages										
Nominal	514,2	129,6	136,7	129,2	129,7	133,7	105,5	120,0	117,6	114,9
Real	110,6	99,1	120,3	118,3	112,5	106,3	90,8	110,2	108,7	114,4

¹ In 1995, balance sheet surplus, for 2000–2008, financial outcome from usual activity before taxation

² For 1995, data are based on the *General Classification of National Economy Industries*; since 2000, data are based on *NACE*

³ See methodology notes to Chapter 7

⁴ See methodology notes to Chapter 9

2. 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 compiles the national accounts in line with the SNA standard adopted by international organisations in 1993.

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 compiled as the difference between output 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 at market prices, while for the sectors and types of economic activities by output at basic prices and gross value added.

Gross domestic product (GDP) 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 2001, the estimates of the GVA have been compiled by type of economic activity.

Taxes on products include taxes whose value directly depends on the amounts and values of goods and services produced, sold or imported by a productive unit.

Subsidies on products are reimbursement from the Central budget to the enterprises in the procedure of the state regulation of prices for agricultural and other production to cover the current losses of enterprises, improvements of their financial situations by renewal of working capital or compensation for selected expenditure.

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 taxes on products and other taxes connected with the production, while the **subsidies on production and imports** include the subsidies on products and other subsidies connected with the production.

Other taxes connected with the production include enterprises' payments to the Central and local budgets, state earmarked funds in connection with the uses of resources and getting permits for the concrete types of activity.

Other subsidies connected with the production belong to those that are provided to carry out a certain economic and social policies regarding the uses of resources.

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 flows and amounts of structured changes in the economy of Ukraine's regions are characterised by the **Gross regional product (GRP)** that is general indicator of the economic development of the region. The definition of the indicator is based on the production method. The region's GRP is comprised of the sum of the gross values added in all types of economic activity, adjusted by the value of indirectly measured services of financial intermediation and taxes less subsidies on products.

NATIONAL ACCOUNTS

2.1. 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 1990	as a percentage of 1990	as a percentage of the previous year
1990	167 ¹	3 ²	100,0	...
1995	5451642 ¹	105793 ²	87,8	88,5	47,8	515,5
2000	170070	3436	105,9	106,7	43,2	123,1
2001	204190	4195	109,2	111,1	47,2	109,9
2002	225810	4685	105,2	106,3	49,7	105,1
2003	267344	5591	109,6	110,5	54,4	108,0
2004	345113	7273	112,1	113,0	61,0	115,1
2005	441452	9372	102,7	103,5	62,7	124,5
2006	544153	11630	107,3	108,1	67,3	114,8
2007	720731	15496	107,9	108,6	72,6	122,7
2008	948056	20495	102,3	102,9	74,2	128,6
2009	913345	19832	85,2	85,6	63,3	113,0
2010	1082569	23600	104,1	104,6	65,8	113,8
2011	1302079	28488	105,2	105,6	69,3	114,3
2012 ³	1408889	30901	100,2	100,4	69,4	108,0

¹ Bln. KRB

² Thsd. KRB

³ Preliminary data

2.2. 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, hunting, forestry	2001	66306	36885	29421	5831	23	23567
	2002	66430	37012	29418	5108	225	24085
	2003	66119	37060	29059	4890	-137	24306
	2004	85668	48410	37258	6044	-689	31903
	2005	94801	54259	40542	6887	-837	34492
	2006	98410	57404	41006	8448	-1740	34298
	2007	113149	65732	47417	11869	-2411	37959
	2008	156072	90924	65148	14330	-2928	53746
	2009	157867	92109	65758	14143	-246	51861
	2010	194132	111491	82641	17536	-305	65410
	2011	260081	149517	110564	22414	-304	88454
	2012 ¹	111748	26490	265	84993
Mining	2001	23411	14898	8513	5088	-707	4132
	2002	24386	14370	10016	6350	-772	4438
	2003	26484	15630	10854	6972	-681	4563
	2004	31766	19248	12518	9541	-787	3764
	2005	41149	23210	17939	12729	-1456	6666
	2006	46125	24061	22064	15420	-2330	8974
	2007	57563	25868	31695	18370	-3141	16466
	2008	91551	37214	54337	27442	-6604	33499
	2009	78492	37816	40676	26927	-5077	18826
	2010	117804	52253	65551	34617	-5811	36745
	2011	154932	67855	87077	41212	-6960	52825
	2012 ¹	90467	43848	-9405	56024

NATIONAL ACCOUNTS

Table 2.2 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
Manufacturing	2001	172759	137167	35592	20407	1242	13943
	2002	191301	150915	40386	23461	1581	15344
	2003	235289	185587	49702	30414	1837	17451
	2004	325820	261696	64124	41507	1895	20722
	2005	399039	312176	86863	53891	2422	30550
	2006	456729	347313	109416	62673	2921	43822
	2007	588203	444775	143428	80946	2392	60090
	2008	751615	586880	164735	96439	-1494	69790
	2009	628232	486354	141878	81504	547	59827
	2010	812068	653585	158483	97401	2792	58290
	2011	977456	811074	166382	111819	4322	50241
	2012 ¹	180086	127564	5596	46926
Production and distribution of electricity, gas and water	2001	27905	16673	11232	4186	5	7041
	2002	28227	16802	11425	5252	81	6092
	2003	30360	18090	12270	6073	33	6164
	2004	31961	19538	12423	8623	-249	4049
	2005	36739	21570	15169	9160	-57	6066
	2006	47318	28708	18610	12076	41	6493
	2007	60898	37653	23245	14266	95	8884
	2008	77688	48888	28800	20325	-1658	10133
	2009	85749	53945	31804	21592	-1704	11916
	2010	103317	68333	34984	25054	340	9590
	2011	135032	90020	45012	31155	704	13153
	2012 ¹	51075	33694	-972	18353
Construction	2001	18339	11048	7291	4242	193	2856
	2002	19176	11523	7653	4843	106	2704
	2003	25811	15543	10268	6686	167	3415
	2004	37667	23204	14463	8924	202	5337
	2005	45972	29602	16370	12677	212	3481
	2006	64152	42984	21168	14955	348	5865
	2007	94307	63851	30456	21091	460	8905
	2008	117362	88177	29185	23024	639	5522
	2009	77631	56103	21528	14458	407	6663
	2010	98904	66386	32518	15364	482	16672
	2011	124855	87623	37232	20101	457	16674
	2012 ¹	38574	21508	520	16546
Trade; repair of motor vehicles, household appliances and personal demand items	2001	38989	16580	22409	8942	1488	11979
	2002	42628	18035	24593	10627	1060	12906
	2003	54897	23275	31622	10197	1239	20186
	2004	71490	30433	41057	11393	1291	28373
	2005	99662	43621	56041	20882	1547	33612
	2006	122365	53792	68573	24845	2108	41620
	2007	173149	77929	95220	32228	2775	60217
	2008	240111	108850	131261	50121	3271	77869
	2009	239327	109330	129997	46516	3248	80233
	2010	293540	128714	164826	68529	3524	92773
	2011	362117	158362	203755	84783	3133	115839
	2012 ¹	219628	96799	4237	118592

NATIONAL ACCOUNTS

Table 2.2 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
Transport and communications	2001	41295	16708	24587	10325	682	13580
	2002	46946	19423	27523	14065	336	13122
	2003	59995	24903	35092	16732	350	18010
	2004	75233	32539	42694	16936	601	25157
	2005	91219	43784	47435	23754	638	23043
	2006	107638	51585	56053	30619	982	24452
	2007	135074	65011	70063	35474	598	33991
	2008	172314	85236	87078	50228	804	36046
	2009	182914	85864	97050	48622	1140	47288
	2010	209444	98431	111013	56222	1591	53200
	2011	258843	125647	133196	67609	1919	63668
	2012 ¹	141638	73143	2647	65848
Education	2001	12437	3533	8904	6402	28	2474
	2002	14666	3847	10819	7996	30	2793
	2003	18640	4859	13781	10935	30	2816
	2004	22086	5834	16252	12855	33	3364
	2005	29388	8506	20882	17498	47	3337
	2006	36161	9918	26243	22702	52	3489
	2007	46083	13178	32905	29355	65	3485
	2008	62186	18666	43520	39740	71	3709
	2009	70705	21466	49239	44465	71	4703
	2010	83917	28239	55678	50560	103	5015
	2011	90914	28815	62099	56713	106	5280
	2012 ¹	72975	67698	110	5167
Health care and provision of social aid	2001	10005	3994	6011	4278	32	1701
	2002	12080	4719	7361	5377	-4	1988
	2003	14958	5821	9137	7093	12	2032
	2004	18470	7518	10952	8426	40	2486
	2005	22855	8890	13965	11419	21	2525
	2006	28305	10583	17722	14829	6	2887
	2007	35947	13405	22542	19342	75	3125
	2008	45902	16693	29209	26207	87	2915
	2009	54100	19527	34573	28894	85	5594
	2010	64327	22146	42181	35903	-376	6654
	2011	70300	24475	45825	39010	319	6496
	2012 ¹	54866	46996	388	7482
Other economic activities	2001	49074	19738	29336	16739	578	12019
	2002	58168	23020	35148	20038	380	14730
	2003	71151	28439	42712	22196	270	20246
	2004	109827	43247	66580	33201	759	32620
	2005	134806	54009	80797	47703	689	32405
	2006	174976	68699	106277	62064	1068	43145
	2007	260682	100761	159921	88995	996	69930
	2008	357371	129930	227441	122608	714	104119
	2009	380668	145841	234827	124222	-9	110614
	2010	410836	158738	252098	139465	589	112044
	2011	460753	186445	274308	161906	600	111802
	2012 ¹	290938	180419	-211	110730

NATIONAL ACCOUNTS

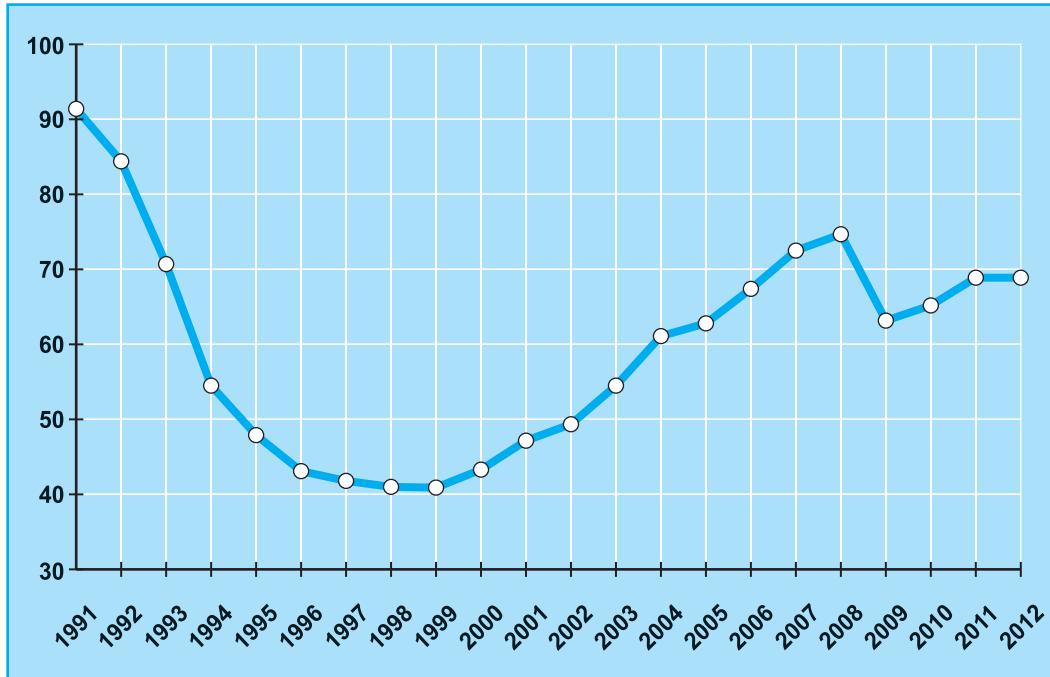
Table 2.2 continued

	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
Adjustment for financial intermediation	2001	×	2806	-2806	×	×	-2806
	2002	×	3148	-3148	×	×	-3148
	2003	×	4280	-4280	×	×	-4280
	2004	×	5275	-5275	×	×	-5275
	2005	×	7402	-7402	×	×	-7402
	2006	×	13009	-13009	×	×	-13009
	2007	×	22098	-22098	×	×	-22098
	2008	×	36538	-36538	×	×	-36538
	2009	×	50849	-50849	×	×	-50849
	2010	×	45814	-45814	×	×	-45814
	2011	×	45649	-45649	×	×	-45649
	2012 ¹	×	...	-40109	×	×	-40109
Total (at basic prices)	2001	460520	280030	180490	86440	3564	90486
	2002	504008	302814	201194	103117	3023	95054
	2003	603704	363487	240217	122188	3120	114909
	2004	809988	496942	313046	157450	3096	152500
	2005	995630	607029	388601	216600	3226	168775
	2006	1182179	708056	474123	268631	3456	202036
	2007	1565055	930261	634794	351936	1904	280954
	2008	2072172	1247996	824176	470464	-7098	360810
	2009	1955685	1159204	796481	451343	-1538	346676
	2010	2388289	1434130	954159	540651	2929	410579
	2011	2895283	1775482	1119801	636722	4296	478783
	2012 ¹	1211886	718159	3175	490552
Taxes less subsidies on products	2001	23700	×	23700	×	23700	×
	2002	24616	×	24616	×	24616	×
	2003	27127	×	27127	×	27127	×
	2004	32067	×	32067	×	32067	×
	2005	52851	×	52851	×	52851	×
	2006	70030	×	70030	×	70030	×
	2007	85937	×	85937	×	85937	×
	2008	123880	×	123880	×	123880	×
	2009	116864	×	116864	×	116864	×
	2010	128410	×	128410	×	128410	×
	2011	182278	×	182278	×	182278	×
	2012 ¹	...	×	197003	×	197003	×
Gross domestic product (at market prices)	2001	484220	280030	204190	86440	27264	90486
	2002	528624	302814	225810	103117	27639	95054
	2003	630831	363487	267344	122188	30247	114909
	2004	842055	496942	345113	157450	35163	152500
	2005	1048481	607029	441452	216600	56077	168775
	2006	1252209	708056	544153	268631	73486	202036
	2007	1650992	930261	720731	351936	87841	280954
	2008	2196052	1247996	948056	470464	116782	360810
	2009	2072549	1159204	913345	451343	115326	346676
	2010	2516699	1434130	1082569	540651	131339	410579
	2011	3077561	1775482	1302079	636722	186574	478783
	2012 ¹	1408889	718159	200178	490552

¹ See the third footnote to Table 2.1

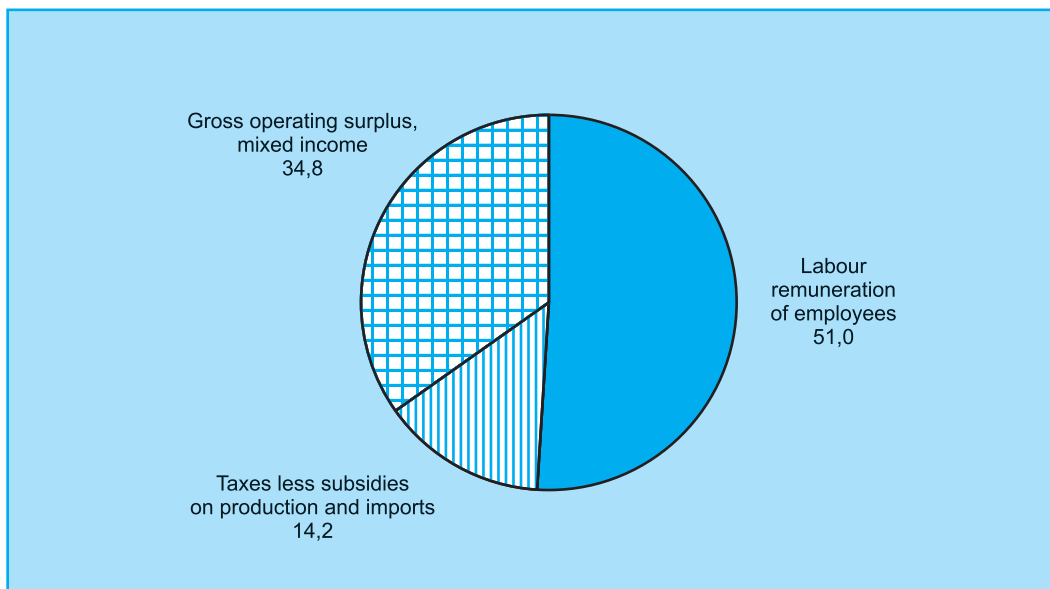
2.3. GDP, volume indices

(percentage of 1990)



2.4. GDP structure, by income category in 2012

(percentage of output)



NATIONAL ACCOUNTS

2.5. GDP, by category of final use

(at current prices)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012 ¹
	bln. KRB	mln. UAH								
Gross domestic product	5451642	170070	441452	544153	720731	948056	913345	1082569	1302079	1408889
Final consumption expenditure	4165054	127982	337879	424906	558581	758902	772826	914230	1113008	1269601
households	2709374	92406	252624	319383	423174	582482	581733	686082	865860	986540
non-profit institutions serving households	296135	3909	4727	5173	6445	7257	7079	8222	9716	10245
general government	1159545	31667	80528	100350	128962	169163	184014	219926	237432	272816
individual consumption expenditure	713839	19572	49418	61125	79914	105879	120213	143909	155059	182286
collective consumption expenditure	445706	12095 ²	31110	39225	49048	63284	63801	76017	82373	90530
Gross fixed capital formation	1269154	33427	96965	133874	198348	250158	167644	195927	241785	265349
Changes in inventories	178734	-42	2736	655	4685	14379	-12274	3616	27714	-8737
Acquisition, less disposal of valuables	6785	146	175	211	285	346	445	375	520	723
Exports of goods and services	2566265	106200	227252	253707	323205	444859	423564	549365	707953	717347
Imports of goods and services	-2734350	-97643	-223555	-269200	-364373	-52088	-438860	-580944	-788901	-835394

NATIONAL ACCOUNTS

Table 2.5 continued

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012 ¹
Percent of total										
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Final consumption expenditure	76,4	75,2	76,5	78,1	77,5	80,1	84,7	84,5	85,5	90,1
households	49,7	54,3	57,2	58,7	58,7	61,4	63,7	63,4	66,5	70,0
non-profit institutions serving households	5,4	2,3	1,1	1,0	0,9	0,8	0,8	0,8	0,8	0,7
general government	21,3	18,6	18,2	18,4	17,9	17,9	20,2	20,3	18,2	19,4
individual consumption expenditure	13,1	11,5	11,2	11,2	11,1	11,2	13,2	13,3	11,9	13,0
collective consumption expenditure	8,2	7,1 ²	7,0	7,2	6,8	6,7	7,0	7,0	6,3	6,4
Gross fixed capital formation	23,3	19,7	22,0	24,6	27,5	26,4	18,3	18,1	18,6	18,8
Changes in inventories	3,3	0,0	0,6	0,1	0,7	1,5	-1,3	0,3	2,1	-0,6
Acquisition, less disposal of valuables	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,1
Exports of goods and services	47,1	62,4	51,5	46,6	44,8	46,9	46,4	50,8	54,4	50,9
Imports of goods and services	-50,2	-57,4	-50,6	-49,4	-50,5	-54,9	-48,1	-53,7	-60,6	-59,3

¹ See the third footnote to Table 2.1

² Excluding transactions with military equipment that was used

2.6. GDP structure, by income category

(percent)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012 ¹
Gross domestic product	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Labour remuneration of employees	43,5	42,3	49,1	49,4	48,8	49,6	49,4	49,9	48,9	51,0
Taxes less subsidies on production and imports	19,1	16,8	12,7	13,5	12,2	12,3	12,6	12,1	14,3	14,2
on products	10,6	15,2	12,0	12,9	11,9	13,0	12,8	11,9	14,0	14,0
other, related to production	8,5	1,6	0,7	0,6	0,3	-0,7	-0,2	0,2	0,3	0,2
Gross operating surplus, mixed income	37,4	40,9	38,2	37,1	39,0	38,1	38,0	38,0	36,8	34,8

¹ See the third footnote to Table 2.1

NATIONAL ACCOUNTS

2.7. Aggregate national accounts

GOODS AND SERVICES ACCOUNT

(at current prices)

	1995	2000	2005	2006	2007	2008	2009	2010	2011
	bln. KRB	mln. UAH							
Resources									
Output (at basic prices)	12531131	373893	995630	1182179	1565055	2072172	1955685	2388289	2895283
Imports of goods and services	2734350	97643	223555	269200	364373	520588	438860	580944	788901
Taxes on products	860809	27338	54183	71618	88212	126425	119988	130957	184195
Subsidies on products	-283460	-1530	-1332	-1588	-2275	-2545	-3124	-2547	-1917
Total	15842830	497344	1272036	1521409	2015365	2716640	2511409	3097643	3866462
Uses									
Intermediate consumption	7656838	229631	607029	708056	930261	1247996	1159204	1434130	1775482
Final consumption expenditure	4165054	127982	337879	424906	558581	758902	772826	914230	1113008
individual	3719348	115887	306769	385681	509533	695618	709025	838213	1030635
collective	445706	12095 ¹	31110	39225	49048	63284	63801	76017	82373
Gross fixed capital formation	1269154	33427	96965	133874	198348	250158	167644	195927	241785
Changes in inventories	178734	-42	2736	655	4685	14379	-12274	3616	27714
Acquisition, less disposal of valuables	6785	146	175	211	285	346	445	375	520
Exports of goods and services	2566265	106200	227252	253707	323205	444859	423564	549365	707953
Total	15842830	497344	1272036	1521409	2015365	2716640	2511409	3097643	3866462

¹ See the second footnote to Table 2.5

PRODUCTION ACCOUNT

(at current prices)

	1995	2000	2005	2006	2007	2008	2009	2010	2011
	bln. KRB	mln. UAH							
Resources									
Output (at basic prices)	12531131	373893	995630	1182179	1565055	2072172	1955685	2388289	2895283
Taxes, less subsidies on products	577349	25808	52851	70030	85937	123880	116864	128410	182278
Total	13108480	399701	1048481	1252209	1650992	2196052	2072549	2516699	3077561
Uses									
Intermediate consumption	7656838	229631	607029	708056	930261	1247996	1159204	1434130	1775482
Gross domestic product (at market prices)	5451642	170070	441452	544153	720731	948056	913345	1082569	1302079
Total	13108480	399701	1048481	1252209	1650992	2196052	2072549	2516699	3077561
Fixed capital consumption	−995543	−30223	−50545	−58265	−73071	−87914	−107204	−115338	−125809
Net domestic product	4456099	139847	390907	485888	647660	860142	806141	967231	1176270

NATIONAL ACCOUNTS

INCOME DISTRIBUTION AND USE ACCOUNTS

PRIMARY DISTRIBUTION OF INCOME ACCOUNTS

Generation of income account

(at current prices)

	1995	2000	2005	2006	2007	2008	2009	2010	2011
	bln. KRB	mln. UAH							
Resources									
Gross domestic product (at market prices)	5451642	170070	441452	544153	720731	948056	913345	1082569	1302079
Total	5451642	170070	441452	544153	720731	948056	913345	1082569	1302079
Uses									
Labour remuneration of employees	2371770	71930	216600	268631	351936	470464	451343	540651	636722
Taxes on production and imports	1332805	31707	62777	82377	101230	142599	134842	149602	204136
Subsidies on production and imports	-293064	-3184	-6700	-8891	-13389	-25817	-19516	-18263	-17562
Gross operating surplus, mixed income	2040131	69617	168775	202036	280954	360810	346676	410579	478783
Total	5451642	170070	441452	544153	720731	948056	913345	1082569	1302079
Net operating surplus, mixed income	1044588	39394	118230	143771	207883	272896	239472	295241	352974

Allocation of primary income account

(at current prices)

	1995	2000	2005	2006	2007	2008	2009	2010	2011
	bln. KRB	mln. UAH							
Resources									
Gross operating surplus, mixed income	2040131	69617	168775	202036	280954	360810	346676	410579	478783
Labour remuneration of employees	2373027	72099	218384	271313	363041	489447	477953	584934	686036
Taxes on production and imports	1332805	31707	62780	82379	101233	142602	134845	149604	204139
on products	860809	27338	54183	71618	88212	126425	119988	130957	184195
other, related to production	471996	4369	8597	10761	13021	16177	14857	18647	19944
Subsidies on production and imports	-293064	-3184	-6700	-8891	-13389	-25817	-19516	-18263	-17562
on products	-283460	-1530	-1332	-1588	-2275	-2545	-3124	-2547	-1917
other, related to production	-9604	-1654	-5368	-7303	-11114	-23272	-16392	-15716	-15645
Income from ownership received from other countries	804	598	2035	4000	7302	9318	9325	5322	5272
Total	5453703	170837	445274	550837	739141	976360	949283	1132176	1356668
Uses									
Income from ownership paid to other countries	89774	5895	8863	15378	21735	37004	54977	53259	73851
Gross national income	5363929	164942	436411	535459	717406	939356	894306	1078917	1282817
Total	5453703	170837	445274	550837	739141	976360	949283	1132176	1356668
Net national income	4368386	134719	385866	477194	644335	851442	787102	963579	1157008

NATIONAL ACCOUNTS

SECONDARY DISTRIBUTION OF INCOME ACCOUNT

(at current prices)

	1995	2000	2005	2006	2007	2008	2009	2010	2011
	bln. KRB	mln. UAH							
Resources									
Gross national income	5363929	164942	436411	535459	717406	939356	894306	1078917	1282817
Current taxes on income, property, etc, received from other countries	2045	45	281	444	633	1221	1539	1649	1722
Other current transfers received from other countries	78145	6099	15907	17801	20829	21240	34967	39777	45187
Total	5444119	171086	452599	553704	738868	961817	930812	1120343	1329726
Uses									
Current taxes on income, property, etc, paid to other countries	278	327
Social aid, except aid in kind paid to other countries	...	106	4	6	8	13	14	37	18
Other current transfers paid to other countries	12719	1102	1354	1812	3062	5429	6226	8149	7967
Gross disposable income	5431400	169878	451241	551886	735798	956375	924572	1111879	1321414
Total	5444119	171086	452599	553704	738868	961817	930812	1120343	1329726
Net disposable income	4435857	139655	400696	493621	662727	868461	817368	996541	1195605

USE OF INCOME ACCOUNTS

Use of disposable income account

(at current prices)

	1995	2000	2005	2006	2007	2008	2009	2010	2011
	bln. KRB	mln. UAH							
Resources									
Gross disposable income	5431400	169878	451241	551886	735798	956375	924572	1111879	1321414
Adjustments on changes in net value of households assets in non-state pension funds	—	—	195	217	246
Total	5431400	169878	451241	551886	735798	956375	924767	1112096	1321660
Uses									
Final consumption expenditure	4165054	127982	337879	424906	558581	758902	772826	914230	1113008
individual	3719348	115887	306769	385681	509533	695618	709025	838213	1030635
collective	445706	12095 ¹	31110	39225	49048	63284	63801	76017	82373
Adjustments on changes in net value of households assets in non-state pension funds	—	—	195	217	246
Gross savings	1266346	41896	113362	126980	177217	197473	151746	197649	208406
Total	5431400	169878	451241	551886	735798	956375	924767	1112096	1321660
Net savings	270803	11673	62817	68715	104146	109559	44542	82311	82597

¹ See the second footnote to Table 2.5

NATIONAL ACCOUNTS

ACCUMULATION ACCOUNTS

CAPITAL ACCOUNT

(at current prices)

	1995	2000	2005	2006	2007	2008	2009	2010	2011
	bln. KRB	mln. UAH							
Changes in liabilities and net wealth									
Net savings	270803	11673	62817	68715	104146	109559	44542	82311	82597
Capital transfers received from other countries	724	...	71	101	136	115	1104	95	111
Capital transfers paid to other countries	-112	-96	-121	-121	-46	-31	-23
Total (changes in net wealth on account of savings and capital transfers)	271527	11673	62776	68720	104161	109553	45600	82375	82685
Changes in assets									
Gross fixed capital formation	1269154	33427	96965	133874	198348	250158	167644	195927	241785
Fixed capital consumption	-995543	-30223	-50545	-58265	-73071	-87914	-107204	-115338	-125809
Changes in inventories	178734	-42	2736	655	4685	14379	-12274	3616	27714
Acquisition, less disposal of valuables	6785	146	175	211	285	346	445	375	520
Acquisition, less disposal of non-produced non-financial assets	289	-10	...	-32	-3527	-1414	-695
Net lending (+), net borrowing (-)	-187603	8365	13156	-7745	-26086	-67384	516	-791	-60830
Total	271527	11673	62776	68720	104161	109553	45600	82375	82685

FINANCIAL ACCOUNT

(at current prices; mln. UAH)

	2005	2006	2007	2008	2009	2010	2011
Changes in liabilities and net wealth							
Net lending (+), net borrowing (-)	13156	-7745	-26086	-67384	516	-791	-60830
Statistical discrepancy	959	-555	5940	-4601	6425	11028	12254
Net incurrence of liabilities	81584	94336	196471	189927	47740	169964	134174
Cash and deposits	4562	81	8499	14919	-9724	-5846	5961
Securities excluding equities	13755	17046	29018	-11556	-12612	31978	8621
Lending and loans	23421	45005	88380	95868	-12094	48715	12115
Equities and other evidence of ownership	39950	27901	53560	57365	38397	53839	61583
Insurance technical reserves	-17	-1	-40
Other accounts payable	-104	4303	17014	33331	43790	41279	45934
Changes in assets							
Net acquisition of financial assets	93781	87146	164445	127144	41831	158145	61090
Monetary gold and special drawing rights	51	96	111	120	-146	-265	278
Cash and deposits	57265	36284	91198	71151	61898	72503	78630
Securities excluding equities	16351	21699	32158	7785	-21727	44280	-622
Lending and loans	1076	1116	3091	2378	2252	-1678	-10022
Equities and other evidence of ownership	1493	-632	3896	5164	1592	5839	1596
Insurance technical reserves
Other accounts receivable	17545	28583	33991	40546	-2038	37466	-8770

NATIONAL ACCOUNTS

2.8. National accounts by institutional sector of the economy, 2011

PRODUCTION ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Resources							
Output (at basic prices)	2181669	94731	249238	359929	9716	0	2895283
Total	2181669	94731	249238	359929	9716	0	2895283
Uses							
Intermediate consumption	1477191	31383	73529	143711	4019	45649	1775482
Gross value added	704478	63348	175709	216218	5697	-45649	1119801
Total	2181669	94731	249238	359929	9716	0	2895283
Fixed capital consumption	-98548	-4542	-17932	-3364	-1423		-125809
Net value added	605930	58806	157777	212854	4274	-45649	993992

INCOME DISTRIBUTION AND USE ACCOUNTS

PRIMARY DISTRIBUTION OF INCOME ACCOUNTS

Generation of income account

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Resources							
Gross value added	704478	63348	175709	216218	5697	-45649	1119801
Total	704478	63348	175709	216218	5697	-45649	1119801
Uses							
Labour remuneration of employees	436352	28159	157588	10690	3933		636722
Other taxes related to production	16685	677	189	2049	341		19941
Other subsidies related to production	-15530	—	—	-115	—		-15645
Gross operating surplus, mixed income	266971	34512	17932	203594	1423	-45649	478783
Total	704478	63348	175709	216218	5697	-45649	1119801
Net operating surplus, mixed income	168423	29970	0	200230	0	-45649	352974

NATIONAL ACCOUNTS

Distribution of primary income account

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Resources							
Gross operating surplus, mixed income	266971	34512	17932	203594	1423	–45649	478783
Labour remuneration of employees				686036			686036
Taxes on production and imports			204139				204139
on products			184195				184195
other, related to production			19944				19944
Subsidies on production and imports			–17562				–17562
on products			–1917				–1917
other, related to production			–15645				–15645
Income from ownership	2598	134667	28063	68004	3		233335
Adjustment for financial intermediation		–45649				45649	0
Total	269569	123530	232572	957634	1426	0	1584731
Uses							
Income from ownership	172381	74804	25665	29064	0		301914
Gross balance of primary income	97188	48726	206907	928570	1426	0	1282817
Total	269569	123530	232572	957634	1426	0	1584731
Net balance of primary income	–1360	44184	188975	925206	3	0	1157008

NATIONAL ACCOUNTS

SECONDARY DISTRIBUTION OF INCOME ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Resources							
Gross balance of primary income	97188	48726	206907	928570	1426	0	1282817
Current taxes on income, property, etc			113497				113497
Social insurance contributions	8742	422	164028		43		173235
Social aid, except aid in kind				263387			263387
Other current transfers	8668	10946	63592	40978	9656		133840
Total	114598	60094	548024	1232935	11125	0	1966776
Uses							
Current taxes on income, property, etc	49898	1521	—	60683			112102
Social insurance contributions	2399		106	170730			173235
Social aid, except aid in kind	8742	294	254326		43		263405
Other current transfers	17300	10343	59556	9421	...		96620
Gross disposable income	36259	47936	234036	922101	11082	0	1321414
Total	114598	60094	548024	1232935	11125	0	1966776
Net disposable income	−62289	43394	216104	988737	9659	0	1195605

REDISTRIBUTION OF INCOME IN KIND ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Resources							
Gross disposable income	36259	47936	234036	992101	11082	0	1321414
Social transfers in kind				164775			164775
Total	36259	47936	234036	1156876	11082	0	1486189
Uses							
Social transfers in kind			155059		9716		164775
Gross adjusted disposable income	36259	47936	78977	1156876	1366	0	1321414
Total	36259	47936	234036	1156876	11082	0	1486189
Net adjusted disposable income	−62289	43394	61045	1153512	−57	0	1195605

NATIONAL ACCOUNTS

USE OF INCOME ACCOUNTS

Use of disposable income account

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Resources							
Gross disposable income	36259	47936	234036	992101	11082	0	1321414
Adjustments on changes in net value of households assets in non-state pension funds	—	—	—	246	—		246
Total	36259	47936	234036	992347	11082	0	1321660
Uses							
Final consumption expenditure			237432	865860	9716		1113008
individual			155059	865860	9716		1030635
collective			82373				82373
Adjustments on changes in net value of households assets in non-state pension funds	—	246	—	—	—		246
Gross savings	36259	47690	–3396	126487	1366	0	208406
Total	36259	47936	234036	992347	11082	0	1321660
Net savings	–62289	43148	–21328	123123	–57	0	82597

Use of adjusted disposable income account

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Resources							
Gross adjusted disposable income	36259	47936	78977	1156876	1366	0	1321414
Adjustments on changes in net value of households assets in non-state pension funds	—	—	—	246		—	246
Total	36259	47936	78977	1157122	1366	0	1321660
Uses							
Actual final consumption			82373	1030635			1113008
individual				1030635			1030635
collective			82373				82373
Adjustments on changes in net value of households assets in non-state pension funds	—	246	—	—	—		246
Gross savings	36259	47690	–3396	126487	1366	0	208406
Total	36259	47936	78977	1157122	1366	0	1321660
Net savings	–62289	43148	–21328	123123	–57	0	82597

NATIONAL ACCOUNTS

ACCUMULATION ACCOUNTS

CAPITAL ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Changes in liabilities and net wealth							
Net savings	-62289	43148	-21328	123123	-57	0	82597
Capital transfers received	31853	—	5114	26436	715		64118
Capital transfers paid	-695	-44503	-18640	-192	—		-64030
Total (changes in net wealth on account of savings and capital transfers)	-31131	-1355	-34854	149367	658	0	82685
Changes in assets							
Gross fixed capital formation	188186	4732	24534	23462	871		241785
Fixed capital consumption	-98548	-4542	-17932	-3364	-1423		-125809
Changes in inventories	24826	408	-2018	4529	-31		27714
Acquisitions less disposals of valuables	—	68	-6	458	—		520
Acquisitions less disposals of non-produced non-financial assets	-108	553	-1140		-695
Net lending (+), net borrowing (-)	-145487	-2574	-38292	124282	1241	0	-60830
Total	-31131	-1355	-34854	149367	658	0	82685

FINANCIAL ACCOUNT

(at current prices; mln. UAH)

	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Adjustment for financial inter-mediation	Total economy
Changes in liabilities and net wealth							
Net lending (+), net borrowing (-)	-145487	-2574	-38292	124282	1241	0	-60830
Statistical discrepancy	8195	2492	1180	0	387		12254
Net incurrence of liabilities	449750	158637	38809	2286	-10		649472
Cash and deposits		86246					86246
Securities excluding equities	25205	4344	32769				62318
Lending and loans	112635	-17521	173	-8288	-10		86989
Equities and other evidence of ownership	106139	61922					168061
Insurance and technical reserves		3489					3489
Other accounts payable	205771	20157	5867	10574	—		242369
Changes in assets							
Net acquisition of financial assets	296068	153571	-663	126568	844		576388
Monetary gold and special drawing rights		278					278
Cash and deposits	51982	-2623	-9587	118297	846		158915
Securities excluding equities	26737	25962	—	376	...		53075
Lending and loans		60052	4800				64852
Equities and other evidence of ownership	44578	39659	21354	2483	—		108074
Insurance and technical reserves	1851	267		1411	...		3529
Other accounts receivable	170920	29976	-17230	4001	-2		187665

NATIONAL ACCOUNTS

2.9. Input-output

	Intermediate consumption									
	agricul- ture, hunting, forestry, Fishing	mining	manu- facturing	produc- tion and distribu- tion of electric- ity, gas and water	const- ruction	trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	tran- sport and commu- nications	other activi- ties	adjust- ment for finan- cial interme- diation	total consumed
Agriculture, hunting, forestry. Fishing	83202	479	54808	24	48	3590	118	5402		147671
Mining	3283	9663	210742	56949	8931	1743	19601	5195		316107
Manufacturing	51968	32042	452830	15504	62724	52836	49437	64891		782232
Production and distribution of electricity, gas and water	3347	14824	43545	9388	945	5338	13891	23623		114901
Construction	156	714	816	478	2706	439	835	8422		14566
Trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	36127	10008	299769	602	1470	13558	3660	5874		371068
Transport and communications	11118	19291	67120	3216	6635	27056	20199	12089		166724
Other activities	2975	3313	24722	3859	4164	67241	17906	100112	45649	269941
Intermediate consumption	192176	90334	1154352	90020	87623	171801	125647	225608	45649	2183210
Labour remuneration of employees	22614	41212	111819	31155	20101	90959	67609	251253		636722
Taxes on production and imports	5519	11636	134521	11394	5516	7657	12599	15294		204136
Subsidies on production and imports	-1222	-8735	-1757	-1739	-175		-946	-2988		-17562
Gross operating surplus, mixed income	88530	52825	50241	13153	16674	121153	63668	118188	-45649	478783
Gross domestic product	115441	96938	294824	53963	42116	219769	142930	381747	-45649	1302079
Output	307617	187272	1449176	143983	129739	391570	268577	607355		3485289

¹ The table is aggregated

NATIONAL ACCOUNTS

at consumer prices in 2011¹

(mln. UAH)

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 disposals of valuables			
113924		2036	1214	14942		47316	−19486	307617
17614		1915		−4107		44585	−188842	187272
538091		1360	116381	16223	514	487724	−493349	1449176
21793		3466				3903	−80	143983
1875			112533	−25		2033	−1243	129739
20482		326				11863	−12169	391570
47606		8520				84797	−39070	268577
104475	9716	219809	11657	681	6	25732	−34662	607355
865860	9716	237432	241785	27714	520	707953	−788901	3485289

NATIONAL ACCOUNTS

2.10. Gross regional product

(at current prices; mln. UAH)

	2005	2006	2007	2008	2009	2010	2011
Ukraine	441452	544153	720731	948056	913345	1082569	1302079
Autonomous Republic of Crimea	12848	16044	20874	27365	27396	32426	38220
oblasts							
Vinnitsya	10207	12414	15381	20094	20104	23589	29099
Volyn	6553	7687	10072	12784	12225	14429	17637
Dnipropetrovsk	41227	52347	71173	104687	93331	116136	140020
Donetsk	58044	72361	92093	117646	103739	128986	161021
Zhytomyr	7430	8784	11127	15008	14731	18743	21928
Zakarpattia	6700	8185	10508	13208	12542	15299	18054
Zaporizhzhya	19968	24787	33158	42445	37446	42736	49525
Ivano-Frankivsk	9622	11316	13916	17883	17241	20446	26752
Kyiv	15362	19188	26221	35687	37548	44953	59154
Kirovohrad	6877	8187	9989	13961	13389	15749	20041
Luhansk	19716	24159	32280	42985	38451	45541	57202
Lviv	17192	21486	27987	35534	35955	41655	52103
Mykolayiv	9553	11876	14767	19410	20336	24055	27633
Odesa	20762	24898	33116	46994	48647	53878	61499
Poltava	18099	22179	28355	34118	33629	44291	52252
Rivne	7263	8924	11180	14074	13469	15882	19302
Sumy	8025	9566	12341	16210	16060	18333	22907
Ternopil	5137	6452	8276	10618	11173	12726	16294
Kharkiv	25618	32023	43868	59389	58923	65293	76866
Kherson	6469	7565	9034	13174	13436	15649	18448
Khmelnyskiy	7958	9603	12339	16061	15758	18096	22843
Cherkasy	9014	10957	13656	19101	18707	22354	27012
Chernivtsi	4234	5126	6672	8833	8484	9892	11969
Chernihiv	7627	8950	11532	14918	14636	17008	21165
cities							
Kyiv	77124	95267	135900	169564	169537	196639	223774
Sevastopol	2823	3822	4916	6305	6452	7785	9359

NATIONAL ACCOUNTS

2.11. Per capita gross regional product

(at current prices; UAH)

	2005	2006	2007	2008	2009	2010	2011
Ukraine	9372	11630	15496	20495	19832	23600	28488
Autonomous Republic of Crimea	6460	8101	10574	13898	13933	16507	19467
oblasts							
Vinnitsya	5966	7328	9159	12061	12145	14332	17768
Volyn	6285	7397	9711	12340	11796	13916	16993
Dnipropetrovsk	11909	15239	20868	30918	27737	34709	42068
Donetsk	12490	15725	20197	26028	23137	28986	36446
Zhytomyr	5554	6636	8485	11545	11419	14616	17184
Zakarpattia	5373	6576	8452	10626	10081	12278	14455
Zaporizhzhya	10683	13369	18022	23232	20614	23657	27567
Ivano-Frankivsk	6916	8157	10055	12940	12485	14814	19386
Kyiv	8673	10918	15033	20593	21769	26140	34420
Kirovohrad	6394	7723	9546	13515	13096	15533	19918
Luhansk	8131	10085	13628	18338	16562	19788	25067
Lviv	6657	8351	10915	13902	14093	16353	20490
Mykolayiv	7801	9769	12227	16175	17050	20276	23402
Odesa	8619	10379	13827	19638	20341	22544	25748
Poltava	11574	14330	18500	22476	22337	29652	35246
Rivne	6269	7724	9695	12217	11699	13785	16735
Sumy	6497	7848	10249	13622	13631	15711	19800
Ternopil	4603	5819	7510	9688	10240	11713	15055
Kharkiv	9025	11353	15645	21294	21228	23639	27966
Kherson	5713	6744	8122	11944	12256	14346	16990
Khmelnyskiy	5764	7023	9100	11932	11780	13602	17260
Cherkasy	6681	8209	10331	14581	14393	17325	21082
Chernivtsi	4654	5650	7369	9771	9383	10939	13228
Chernihiv	6474	7714	10081	13213	13121	15406	19357
cities							
Kyiv	28780	35210	49795	61592	61088	70424	79729
Sevastopol	7452	10079	12961	16592	16966	20455	24564

NATIONAL ACCOUNTS

2.12. Volume indices of gross regional product

(at the prices of the previous year; percent)

	2005	2006	2007	2008	2009	2010	2011	2012 ¹
Ukraine	102,7	107,3	107,9	102,3	85,2	104,1	105,2	100,2
Autonomous Republic of Crimea	104,0	106,7	109,0	106,6	90,7	103,4	102,7	99,5
oblasts								
Vinnitsya	105,3	106,2	103,4	105,1	90,1	103,0	107,2	101,6
Volyn	103,7	103,5	112,1	106,1	86,0	100,2	105,3	101,7
Dnipropetrovsk	107,3	108,0	105,3	97,3	83,5	105,8	103,4	99,3
Donetsk	97,1	108,3	104,6	97,1	81,6	111,1	111,4	96,9
Zhytomyr	101,1	103,6	105,1	104,2	88,9	112,8	102,7	106,5
Zakarpattia	98,5	106,6	108,2	103,9	82,1	107,7	104,7	100,2
Zaporizhzhya	104,6	106,1	108,5	101,3	78,9	103,2	102,9	97,0
Ivano-Frankivsk	105,9	102,5	100,8	97,5	89,3	100,5	106,5	102,2
Kyiv	107,3	108,8	105,9	104,4	89,2	105,1	111,7	104,1
Kirovohrad	102,4	105,1	97,9	113,7	85,8	105,7	109,2	99,2
Luhansk	100,3	104,3	105,2	98,9	86,7	102,3	109,1	96,9
Lviv	98,1	108,3	105,8	100,7	88,3	102,3	108,7	100,9
Mykolayiv	100,1	107,1	99,5	106,9	92,5	103,2	102,7	97,7
Odesa	99,6	103,5	106,3	111,9	86,8	102,4	102,1	99,0
Poltava	99,2	108,2	105,8	94,9	86,8	109,5	101,8	99,5
Rivne	102,1	106,9	104,5	99,5	86,5	106,8	104,6	101,4
Sumy	104,4	103,4	103,4	103,6	88,7	98,9	107,8	100,8
Ternopil	102,5	110,3	108,3	105,1	94,5	100,4	111,3	110,1
Kharkiv	104,8	107,5	107,2	102,1	86,3	101,7	104,5	99,7
Kherson	99,2	104,0	100,4	109,8	93,0	101,8	103,8	97,0
Khmelnyskiy	103,9	104,2	104,0	99,9	90,6	100,0	108,0	106,1
Cherkasy	107,0	105,6	106,5	114,9	85,5	105,9	106,4	98,8
Chernivtsi	101,5	105,5	108,3	105,4	88,6	100,3	104,0	100,5
Chernihiv	100,1	103,4	106,5	102,3	89,6	100,0	107,8	101,5
cities								
Kyiv	105,8	110,7	119,7	104,4	81,7	101,4	100,7	102,7
Sevastopol	100,9	116,3	106,6	106,9	89,6	106,4	103,1	85,6

¹ See the third footnote for Table 2.1

NATIONAL ACCOUNTS

2.13. Volume indices for per capita gross regional product

(at the prices of the previous year; percent)

	2005	2006	2007	2008	2009	2010	2011
Ukraine	103,5	108,1	108,6	102,9	85,6	104,6	105,6
Autonomous Republic of Crimea	104,6	107,2	109,3	106,9	90,9	103,5	102,7
oblasts							
Vinnitsya	106,4	107,3	104,4	105,9	90,7	103,6	107,7
Volyn	104,1	103,9	112,3	106,2	86,0	100,1	105,2
Dnipropetrovsk	108,2	108,8	106,1	98,0	84,0	106,4	104,0
Donetsk	98,2	109,4	105,5	98,0	82,2	111,9	112,2
Zhytomyr	102,2	104,7	106,1	105,1	89,5	113,5	103,2
Zakarpattia	98,7	106,8	108,3	103,9	82,1	107,5	104,5
Zaporizhzhya	105,5	106,9	109,3	102,0	79,4	103,8	103,5
Ivano-Frankivsk	106,2	102,8	101,0	97,6	89,4	100,6	106,5
Kyiv	108,3	109,6	106,7	105,0	89,6	105,4	111,8
Kirovohrad	104,0	106,7	99,1	115,2	86,7	106,6	110,1
Luhansk	101,6	105,6	106,4	99,9	87,6	103,2	110,0
Lviv	98,5	108,8	106,1	101,1	88,5	102,5	108,9
Mykolayiv	100,9	107,9	100,2	107,6	93,0	103,7	103,2
Odesa	100,2	103,9	106,5	112,0	86,9	102,5	102,1
Poltava	100,3	109,3	106,9	95,8	87,5	110,3	102,6
Rivne	102,4	107,2	104,7	99,6	86,5	106,7	104,4
Sumy	105,8	104,7	104,7	104,8	89,6	99,9	108,7
Ternopil	103,1	111,0	109,0	105,7	94,9	100,8	111,7
Kharkiv	105,5	108,2	107,9	102,7	86,7	102,2	105,0
Kherson	100,2	105,0	101,3	110,7	93,6	102,3	104,3
Khmelnyskiy	104,9	105,2	104,9	100,6	91,1	100,5	108,6
Cherkasy	108,2	106,8	107,5	115,9	86,2	106,6	107,2
Chernivtsi	101,8	105,8	108,6	105,6	88,6	100,3	103,9
Chernihiv	101,7	105,0	108,1	103,7	90,7	101,1	108,8
cities							
Kyiv	104,7	109,6	118,7	103,5	81,0	100,8	100,2
Sevastopol	100,8	116,1	106,5	106,7	89,5	106,3	103,0

3. FINANCE AND CREDIT

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

Budget shows how financial resources are formed and used to support the functions carried out by the authorities of Ukraine, of the Autonomous Republic of Crimea and local governments during the budget period.

Budget system embraces the Central budget of Ukraine and local budgets.

Local self-governance budgets refer to the budgets of villages, settlements, towns and their associations. Local budgets refer to budgets of the Autonomous Republic of Crimea, oblasts, rayons, city districts and local self-governance budgets.

Consolidated budget of Ukraine is a set of indicators of budgets that are used for analysis and forecasting of economic and social development of the country. The consolidated budget includes indicators of the Central budget of Ukraine, consolidated budget of the Autonomous Republic of Crimea and consolidated budgets of oblasts and cities of Kyiv and Sevastopol.

Consolidated budget of the Autonomous Republic of Crimea includes indicators of the budget of the Autonomous Republic of Crimea, consolidated budgets of its rayons and budgets of the cities/towns subordinated to the republican government.

Consolidated budget of an oblast includes indicators of the budget of the oblast, consolidated budgets of its rayons and budgets of cities/towns subordinated to the oblast authorities.

Budget revenues refer to all tax, non-tax and other irrevocable receipts, collection of which is stipulated by the legislation of Ukraine (including transfers, gifts and grants).

Budget expenditures refer to all allocations for implementation of programs and actions approved by the appropriate budget except for the funds allocated for repayment of debt principal and refund of the excess payments to the budget.

Budget deficit is the excess of budget expenditures over its revenues.

Budget surplus is the excess of budget revenues over expenditures.

Money supply is the total value of purchase and payment instruments serving economic turnover and owned by individuals, enterprises or the state.

Bank loans (bank requirements) are extended by banks and special lending institutions to operating businesses and other borrowers in monetary form.

Deposits – claims on the other deposit-taking corporations 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. It's determined according to the rate defined as average weighted exchange rate of seller and customer at the interbank foreign exchange market of Ukraine.

Assets are resources controlled by an enterprise as a result of the past events and whose uses, as expected, will lead to the acquisition of economic benefits in the future.

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 an algebraic sum of profits (losses) that an enterprise received from operating activity, financial, other and unusual income (profit), financial, other and unusual expenditure (losses).

Rate profitability of operating activity is a ratio of financial outcome stemming from operating activity to expenditure on operating activity of the enterprises.

Financial outcome from operating activity (profits, losses) is an algebraic sum of gross profit (loss), other operating income,

administrative expenditures, expenditure on sales and other operating expenditures.

Operating activity is the main activity of an enterprise as well as other types of activities which are neither investment or financial.

Information is given by type of economic activity according to *the Classification of Types of Economic Activity* (State Classifier 009:2010) approved by decree 457 of the State Consumer Standard of Ukraine as from October 11, 2010 and which is harmonized with *the Classification of Types of Economic Activity of the European Union* (NACE, Rev. 2-2006).

FINANCE AND CREDIT

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

	2002	2005	2007	2008	2009	2010	2011	2012
Revenue	61954,3	134183,2	219936,5	297893,0	272967,0	314506,3²	398553,6	445525,3
Tax revenue	45392,5	98065,2	161264,2	227164,8	208073,2	234447,7	334691,9	360567,2
Non-tax revenues	14696,7	31778,0	48553,2	60543,6	58435,8	73837,0	60003,7	80923,3
Revenue from capital transactions	1101,2	2803,9	6373,4	6702,4	3653,1	3143,2	2347,5	2985,8
Official transfers from the governments of foreign countries and international organisations	291,9	182,5	104,5	135,2	645,3	305,6	481,4	222,9
Earmarked funds	472,0	1353,6	3641,2	3347,0	2159,5	2772,7	1029,1	826,1
Expenditure³	60489,5	141698,8	226054,4	309203,7	307399,4	377842,8	416853,6	492454,7
Public administration	8589,0	15480,9	24270,9	30829,2	33156,0	44902,5	49874,7	54590,2
National defence	3536,4	6041,0	9416,5	11733,0	9663,3	11347,1	13242,2	14486,9
Law enforcement, security and judiciary	5040,4	10226,8	18445,7	27080,9	24346,1	28825,6	32637,7	36681,2
Economic activity	7464,1	19115,1	40523,4	51322,4	39753,0	43832,4	57124,1	62377,4
Environment protection	661,6	1252,5	2241,3	2764,7	2538,8	2872,4	3890,7	5297,9
Housing and utilities	1392,6	3914,2	5900,3	8968,5	7498,1	5431,3	8679,3	20059,6
Health care	7537,9	15476,5	26717,6	33559,9	36564,9	44745,4	48961,6	58453,9
Intellectual and physical development	1417,9	3449,8	5687,7	7916,1	8330,2	11525,4	10754,9	13639,6
Education	12268,3	26801,8	44333,6	60959,4	66773,6	79826,0	86253,6	101560,9
Social protection and social security	12581,3	39940,2	48517,3	74069,7	78775,4	104534,9	105434,8	125306,9
Lending	-170,6	290,7	1583,9	2813,8	2825,8	1348,4	4757,9	3856,3
Excess of expenditures over revenues (deficit)	-1635,4⁴	7806,3	7701,7	14124,5	37258,1	64684,9	23057,9	50785,7
Memorandum items (percent of GDP):								
Revenue	27,4	30,4	30,5	31,4	29,9	29,1	30,3	31,6
Expenditure	26,8	32,1	31,4	32,6	33,7	34,9	31,7	35,0
Net lending	-0,1	0,1	0,2	0,3	0,3	0,1	0,4	0,3
Deficit	-0,7 ⁴	1,8	1,1	1,5	4,1	6,0	1,8	3,6

¹ Here and elsewhere (Tables 3.2, 3.3) based on data from the Ministry of Finance of Ukraine (when rounding, the sum of the components may differ from the total for some indicators due to electronic data processing)

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

³ Excluding lending

⁴ Surplus

FINANCE AND CREDIT

3.2. Ukraine's Central budget deficit (surplus) and sources used for its funding

(mln. UAH)

	2002	2005	2006	2007	2008	2009	2010	2011	2012
Excess of expenditure over revenue (deficit)	-1119,3¹	7945,7	3776,6	9842,9	12502,0	35517,2	64265,5²	23557,6	53445,2
Deficit financing sources									
Domestic financing	232,8	6997,5	-1030,0	6871,0	8672,5	-9282,7	17007,2	9852,8	40611,0
External financing	-1352,1	948,2	4806,6	2971,9	3829,5	44799,9	47258,3	13704,8	12834,2

¹ See the fourth footnote to Table 3.1

² 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

3.3. Budgets of Ukraine

(mln. UAH)

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Revenue					
2002	61954,3	42525,0	68,6	19429,3	31,4
2005	134183,2	103867,0	77,4	30316,2	22,6
2006	171811,5	131946,0	76,8	39865,5	23,2
2007	219936,5	161587,5	73,5	58349,0	26,5
2008	297893,0	224020,9	75,2	73872,1	24,8
2009	272967,0	201931,3	74,0	71035,7	26,0
2010 ¹	314506,3	233990,5	74,4	80515,8	25,6
2011	398553,6	311898,2	78,3	86655,3	21,7
2012	445525,3	344711,4	77,4	100813,8	22,6
Tax revenue					
2002	45392,5	28934,8	63,7	16457,7	36,3
2005	98065,2	74476,4	75,9	23588,7	24,1
2006	125743,1	94811,5	75,4	30931,6	24,6
2007	161264,2	116670,8	72,3	44593,4	27,7
2008	227164,8	167883,4	73,9	59281,4	26,1
2009	208073,2	148915,6	71,6	59157,6	28,4
2010 ¹	234447,7	166872,2	71,2	67575,6	28,8
2011	334691,9	261605,0	78,2	73086,9	21,8
2012	360567,2	274715,2	76,2	85852,0	23,8
including personal income tax					
2002	10823,9	—	—	10823,9	100,0
2005	17325,2	838,6	4,8	16486,6	95,2
2006	22791,1	—	—	22791,1	100,0
2007	34782,1	—	—	34782,1	100,0
2008	45895,8	—	—	45895,8	100,0
2009	44485,3	—	—	44485,3	100,0
2010	51029,3	—	—	51029,3	100,0
2011	60224,5	6159,5	10,2	54065,1	89,8
2012	68092,4	7026,4	10,3	61066,0	89,7

FINANCE AND CREDIT

Table 3.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
enterprise profit tax					
2002	9398,3	8161,9	86,8	1236,4	13,2
2005	23464,0	23272,2	99,2	191,8	0,8
2006	26172,0	25863,1	98,8	309,0	1,2
2007	34407,2	33964,0	98,7	443,2	1,3
2008	47856,8	47456,3	99,2	400,5	0,8
2009	33048,0	32569,8	98,6	478,2	1,4
2010	40359,1	39969,2	99,0	389,9	1,0
2011	55097,0	54739,4	99,4	357,5	0,6
2012	55793,0	55349,7	99,2	443,3	0,8
VAT					
2002	13471,2	13471,2	100,0	—	—
2005	33803,8	33803,8	100,0	—	—
2006	50396,7	50396,7	100,0	—	—
2007	59382,8	59382,8	100,0	—	—
2008	92082,6	92082,6	100,0	—	—
2009	84596,7	84596,7	100,0	—	—
2010 ¹	86315,9	86315,9	100,0	—	—
2011	130093,8	130093,8	100,0	—	—
2012	138826,8	138826,8	100,0	—	—
excise					
2002	4098,2	3887,5	94,9	210,7	5,1
2005	7945,4	7881,8	99,2	63,6	0,8
2006	8608,1	8543,7	99,3	64,5	0,7
2007	10567,8	10485,9	99,2	81,8	0,8
2008	12783,1	12678,0	99,2	105,2	0,8
2009	21624,5	21274,6	98,4	349,9	1,6
2010	28316,1	27620,7	97,5	695,4	2,5
2011	33919,2	33011,2	97,3	908,0	2,7
2012	38428,7	37185,6	96,8	1243,1	3,2
Non-tax revenue					
2002	14696,7	12624,7	85,9	2072,0	14,1
2005	31778,0	28236,4	88,9	3541,7	11,1
2006	40548,3	35752,6	88,2	4795,7	11,8
2007	48553,2	42111,9	86,7	6441,4	13,3
2008	60543,6	52854,2	87,3	7689,4	12,7
2009	58435,8	50676,8	86,7	7759,1	13,3
2010	73837,0	65067,7	88,1	8769,2	11,9
2011	60003,7	49087,8	81,8	10915,9	18,2
2012	80923,3	68287,6	84,4	12635,7	15,6
Other revenues					
2002	1865,1	965,5	51,8	899,6	48,2
2005	4340,0	1154,2	26,6	3185,8	73,4
2006	5520,1	1381,9	25,0	4138,2	75,0
2007	10119,1	2804,8	27,7	7314,3	72,3
2008	10184,6	3283,3	32,2	6901,3	67,8
2009	6457,9	2338,9	36,2	4119,0	63,8
2010	6221,5	2050,6	33,0	4171,0	67,0
2011	3858,0	1205,4	31,2	2652,6	68,8
2012	4034,7	1708,6	42,3	2326,1	57,7
Expenditure ²					
2002	60489,5	35409,5	58,9	24738,8	41,1
2005	141698,8	89614,9	63,2	52083,9	36,8
2006	175284,3	102957,7	58,7	72326,6	41,3
2007	226054,4	129599,3	57,3	96455,1	42,7
2008	309203,7	182376,5	59,0	126827,3	41,0
2009	307399,4	180257,1	58,6	127142,2	41,4
2010	377842,8	225822,5	59,8	152020,3	40,2
2011	416853,6	238584,4	57,2	178269,1	42,8
2012	492454,7	271221,9	80,3	221232,8	45,2

FINANCE AND CREDIT

Table 3.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Public administration					
2002	8589,0	6886,1	80,2	1702,9	19,8
2005	15480,9	11980,5	77,4	3500,4	22,6
2006	19891,9	14165,2	71,2	5726,7	28,8
2007	24270,9	16906,6	69,7	7364,2	30,3
2008	30829,2	21769,5	70,6	9059,7	29,4
2009	33156,0	24850,4	74,9	8305,6	25,1
2010	44902,5	34694,3	77,3	10208,2	22,7
2011	49874,7	39996,6	80,2	9878,2	19,8
2012	54590,2	44010,7	80,6	10579,5	19,4
National defence					
2002	3536,4	3536,4	100,0	—	—
2005	6041,0	6041,0	100,0	—	—
2006	6400,7	6400,7	100,0	—	—
2007	9416,5	9416,5	100,0	—	—
2008	11733,0	11733,0	100,0	—	—
2009	9663,3	9663,3	100,0	—	—
2010	11347,1	11347,1	100,0	—	—
2011	13242,2	13241,1	100,0	1,1	0,01
2012	14486,9	14485,7	100,0	1,2	0,01
Law enforcement, security and judiciary					
2002	5040,4	4676,6	92,8	363,8	7,2
2005	10226,8	10142,2	99,2	84,7	0,8
2006	12718,8	12583,2	98,9	135,6	1,1
2007	18445,7	18315,7	99,3	130,0	0,7
2008	27080,9	24871,1	91,8	2209,8	8,2
2009	24346,1	24159,2	99,2	186,9	0,8
2010	28825,6	28570,7	99,1	254,9	0,9
2011	32637,7	32415,3	99,3	222,5	0,7
2012	36681,2	36469,8	99,4	211,4	0,6
Economic activity					
2002	7464,1	5769,1	77,3	1695,1	22,7
2005	19115,1	14041,3	73,5	5073,9	26,5
2006	27341,1	20425,7	74,7	6915,4	25,3
2007	40523,4	29748,8	73,4	10774,7	26,6
2008	51322,4	38693,0	75,4	12629,3	24,6
2009	39753,0	33294,3	83,8	6458,7	16,2
2010	43832,4	36030,0	82,2	7802,4	17,8
2011	57124,1	44771,6	78,4	12352,5	21,6
2012	62377,4	49396,0	79,2	12981,4	20,8
Environment protection					
2002	661,6	527,8	79,8	133,8	20,2
2005	1252,5	981,1	78,3	271,4	21,7
2006	1636,6	1306,9	79,9	329,7	20,1
2007	2241,3	1809,1	80,7	432,2	19,3
2008	2764,7	2230,2	80,7	534,5	19,3
2009	2538,8	1824,3	71,9	714,5	28,1
2010	2872,4	2292,7	79,8	579,7	20,2
2011	3890,7	3008,4	77,3	882,3	22,7
2012	5297,9	4135,4	78,1	1162,5	21,9
Housing and utilities					
2002	1392,6	36,4	2,6	1356,2	97,4
2005	3914,2	110,0	2,8	3804,1	97,2
2006	8024,1	180,7	2,3	7843,5	97,7
2007	5900,3	723,8	12,3	5176,5	87,7
2008	8968,5	444,0	5,0	8524,5	95,0
2009	7498,1	270,6	3,6	7227,4	96,4
2010	5431,3	844,4	15,5	4586,9	84,5
2011 ³	8679,3	324,2	3,7	8355,1	96,3
2012	20059,6	379,6	1,9	19679,9	98,1

FINANCE AND CREDIT

Table 3.3 continued

Table 3.3 continued

	Consolidated	Including			
		Central		local	
		total	percent of Consolidated budget	total	percent of Consolidated budget
Health care					
2002	7537,9	1582,3	21,0	5955,6	79,0
2005	15476,5	3508,1	22,7	11968,4	77,3
2006	19737,7	4099,7	20,8	15638,1	79,2
2007	26717,6	6321,0	23,7	20396,5	76,3
2008	33559,9	7365,5	21,9	26194,4	78,1
2009	36564,9	7535,0	20,6	29030,0	79,4
2010	44745,4	8759,0	19,6	35986,3	80,4
2011	48961,6	10223,9	20,9	38737,8	79,1
2012	58453,9	11358,5	19,4	47095,4	80,6
Intellectual and physical development					
2002	1417,9	424,8	30,0	993,1	70,0
2005	3449,8	1273,7	36,9	2176,1	63,1
2006	4328,4	1389,6	32,1	2938,8	67,9
2007	5687,7	1987,7	34,9	3700,0	65,1
2008	7916,1	2917,6	36,9	4998,5	63,1
2009	8330,2	3216,7	38,6	5113,5	61,4
2010	11525,4	5165,5	44,8	6359,8	55,2
2011 ⁴	10754,9	3830,4	35,6	6924,4	64,4
2012	13639,6	5488,5	40,2	8151,2	59,8
Education					
2002	12268,3	4988,9	40,7	7279,4	59,3
2005	26801,8	9932,8	37,1	16869,0	62,9
2006	33785,0	12122,1	35,9	21662,9	64,1
2007	44333,6	15149,7	34,2	29183,9	65,8
2008	60959,4	21554,3	35,4	39405,1	64,6
2009	66773,6	23925,7	35,8	42847,9	64,2
2010	79826,0	28807,5	36,1	51018,5	63,9
2011 ⁵	86253,6	27232,7	31,6	59020,8	68,4
2012	101560,9	30243,2	29,8	71317,7	70,2
Social protection and social security					
2002	12581,3	7222,5	57,4	5358,8	42,6
2005	39940,2	31604,3	79,1	8336,0	20,9
2006	41419,9	30284,0	73,1	11135,9	26,9
2007	48517,3	29220,3	60,2	19297,0	39,8
2008	74069,7	50798,3	68,6	23271,4	31,4
2009	78775,4	51517,6	65,4	27257,8	34,6
2010	104534,9	69311,3	66,3	35223,6	33,7
2011 ⁶	105434,8	63540,2	60,3	41894,5	39,7
2012	125306,9	75254,4	60,1	50052,5	39,9
Lending					
2002	-170,6	-120,7	70,8	-50,0	29,3
2005	290,7	299,9	103,2	-9,2	-3,2
2006	227,9	190,3	83,5	37,7	16,5
2007	1583,9	1527,7	96,5	56,1	3,5
2008	2813,8	2734,8	97,2	79,0	2,8
2009	2825,8	2780,3	98,4	45,5	1,6
2010	1348,4	1292,0	95,8	56,4	4,2
2011	4757,9	4715,0	99,1	42,9	0,9
2012	3856,3	3817,7	99,0	38,6	1,0

¹ See the second footnote to Table 3.1² See the third footnote to Table 3.1³ A drop in expenditure of Ukraine Central Budget for housing and communal services is explained by reorganisation of the Ministry of Housing and Communal Services of Ukraine and transfer of financing of selected expenditure by functions *Nationwide Management and Economic Activity* in 2011⁴ A drop in expenditure of Ukraine Central Budget for spiritual and physical development is explained by financing a part of expenditure for the preparations and conduct of the 2012 Euro by function *Economic Activity* in 2011⁵ A drop in expenditure of Ukraine Central Budget for education is explained by transfer of financing for vocational education from the state budget to local level in 2011⁶ A drop in expenditure of Ukraine Central Budget for social protection and social security is explained by decrease in demand for funds to cover the deficit of Ukraine Pension Fund in 2011

FINANCE AND CREDIT

3.4. Money supply in Ukraine¹

(end of year; mln. UAH)

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Money circulating beyond banks (M0)	12799	26434	33119	42345	60231	74984	111119	154759	157029	182990	192665	203245
Monetary aggregate (M1)	20762	40281	51541	67090	98573	123276	181665	225127	233748	289894	311047	323225
Monetary aggregate (M2)	31544	64321	94855	125483	193145	259413	391273	512527	484772	596841	681801	771126
Monetary aggregate (M3)	32252	64870	95043	125801	194071	261063	396156	515727	487298	597872	685515	773199

¹ 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 – monetary aggregate M2 and securities other than shares. Starting from 2003, monetary aggregates are compiled on the basis of the standardized reporting forms of the National Bank of Ukraine and other deposit-taking corporations (banks) according to the IMF methodology

3.5. Resident bank loans (except for deposit corporations)¹

(end of year; mln. UAH)

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Banks	19698	42228	67892	88615	143423	245230	426867	734022	723295	732823	801809	815142
In currency												
national	10676	24656	39620	51243	81279	123787	213802	300220	355521	395504	478596	515580
foreign	9021	17571	28272	37371	62144	121443	213065	433801	367774	337319	323213	299562

¹ Including interest accrued; loans for general public administration sector

3.6. Average official exchange rates set by the National Bank of Ukraine

(UAH)

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1 British pound sterling	8,2499	7,9984	8,7128	9,7391	9,3376	9,2945	10,1069	9,6688	12,1948	12,2689	12,7771	12,6639
1 US dollar	5,4402	5,3266	5,3327	5,3192	5,1247	5,0500	5,0500	5,2672	7,7912	7,9356	7,9676	7,9910
10 Japanese yen	0,5052	0,4259	0,4603	0,4921	0,4669	0,4340	0,4292	0,5140	0,8345	0,9052	1,0004	1,0019
1 euro	5,0289	5,0301	6,0244	6,6094	6,3899	6,3369	6,9179	7,7080	10,8679	10,5329	11,0918	10,2707
1 SDR	7,1759	6,8982	7,4682	7,8782	7,5802	7,4283	7,7294	8,3084	12,0188	12,1084	12,5808	12,2372
10 Russian rubles	1,94	1,70	1,74	1,85	1,81	1,86	1,98	2,11	2,47	2,61	2,72	2,57

3.7. Deposits by households, held with deposit-taking corporations (excluding National Bank of Ukraine)¹

(end of year; mln. UAH)

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	6780	19302	32396	41611	74778	108860	167239	217860	214098	275093	310390	369264
In currency												
national	3481	11601	18875	22116	43688	59889	102379	110016	101081	142924	160530	186772
foreign	3299	7701	13521	19495	31090	48970	64860	107844	113017	132169	149860	182493

¹ For the period of 2000/2004 data includes natural persons without private entrepreneurs

FINANCE OF THE ENTERPRISES

3.8. Enterprise balance sheets in 2012,

	Assets			
	fixed assets	working assets	expenditure of future periods	fixed assets and groups disposal
Total				
beginning of the year	2102505,5	2506632,2	35037,9	2749,6
end of the year	2456015,1	2921135,8	39950,9	2584,3
Agriculture, forestry and fishing				
beginning of the year	88805,2	141031,2	1374,8	62,8
end of the year	104078,5	174730,3	1700,4	62,6
Industry				
beginning of the year	724671,2	711303,7	11686,8	411,8
end of the year	952072,4	796333,4	12342,2	415,2
Construction				
beginning of the year	92592,7	127099,0	2869,4	528,2
end of the year	100791,7	154824,2	3390,0	339,1
Wholesale and retail trade; repair of motor vehicles and motorcycles				
beginning of the year	181154,9	812997,6	9575,5	261,1
end of the year	209581,5	949510,7	11155,9	400,0
Transportation and storage, postal and courier activities				
beginning of the year	209236,6	83002,6	1222,5	15,3
end of the year	224893,3	108843,1	1294,1	49,7
Accommodation and food service activities				
beginning of the year	22075,7	7662,5	337,6	4,6
end of the year	23357,4	9937,6	427,8	3,5
Information and communication				
beginning of the year	69036,3	34867,5	828,7	406,5
end of the year	68145,9	38092,9	688,6	431,3
Financial and insurance activities				
beginning of the year	141308,3	364366,3	1344,4	498,6
end of the year	142952,2	425743,3	2060,5	257,0
Real estate activities				
beginning of the year	248698,9	104739,1	3672,7	510,0
end of the year	262083,4	117559,7	4201,4	584,9
Professional, scientific and technical activities				
beginning of the year	133478,1	77857,6	981,6	30,9
end of the year	156316,7	97834,5	1341,7	17,6
Administrative and support service activities				
beginning of the year	159836,5	32738,5	779,0	18,3
end of the year	175661,1	38386,0	924,7	21,7
Education				
beginning of the year	1666,3	664,9	24,2	1,3
end of the year	1730,1	694,8	18,1	0,2
Human health and social work activities				
beginning of the year	8440,8	2434,5	190,2	0,1
end of the year	9374,2	2447,8	147,0	0,2
Arts, entertainment and recreation				
beginning of the year	18407,7	4515,2	133,5	0,0
end of the year	21571,8	4827,9	230,9	0,1
Other services				
beginning of the year	3096,3	1352,0	17,0	0,1
end of the year	3404,9	1369,6	27,6	1,2

¹ Excluding banks and budgetary institutions and is resulted without taking into account changes of the major type of economic activity of enterprises

FINANCE AND CREDIT

by type of economic activity¹

(mln. UAH)

Liabilities					Balance
own capital	provisions for future expenditures and payments	long-term liabilities	current liabilities	revenue of future periods	
1653890,2	107331,2	760562,7	2097647,6	27493,5	4646925,2
1904940,2	113130,5	897223,9	2472841,7	31549,8	5419686,1
126615,2	1639,6	30040,8	71307,1	1671,3	231274,0
151387,5	1880,0	33802,3	91493,1	2008,9	280571,8
526384,7	38072,2	228063,9	646347,3	9205,4	1448073,5
682169,1	42978,9	302931,3	723466,8	9617,1	1761163,2
28141,4	14832,0	56912,9	122501,4	701,6	223089,3
30342,9	15268,7	64826,9	147441,3	1465,2	259345,0
112137,1	4349,9	135615,7	750226,7	1659,7	1003989,1
119521,4	4434,2	160563,4	884247,5	1881,6	1170648,1
161453,9	9528,9	37368,2	81975,5	3150,5	293477,0
170116,5	8037,4	55721,4	97565,3	3639,6	335080,2
12221,1	421,3	7919,1	9388,4	130,5	30080,4
12637,5	478,5	9470,9	11005,2	134,2	33726,3
46176,3	1359,4	18628,1	37393,5	1581,7	105139,0
41574,9	1499,1	17407,6	45306,9	1570,2	107358,7
262258,1	13598,9	82138,9	146700,5	2821,2	507517,6
271469,0	13867,3	84277,7	198131,9	3267,1	571013,0
137422,7	4291,4	103044,1	112103,2	759,3	357620,7
140752,9	2301,0	106328,4	134038,1	1009,0	384429,4
78711,1	15064,0	38046,1	78738,9	1788,1	212348,2
103821,2	17994,3	38431,0	93123,3	2140,7	255510,5
146117,3	486,2	15081,8	31481,5	205,5	193372,3
163759,2	609,4	14074,0	36244,6	306,3	214993,5
1620,1	7,2	136,9	581,0	11,5	2356,7
1700,9	6,8	105,5	617,2	12,8	2443,2
5208,3	207,2	2504,3	2877,3	268,5	11065,6
5487,1	189,9	2840,7	3151,9	299,6	11969,2
7717,8	3444,7	4631,6	4874,6	2387,7	23056,4
8516,4	3549,8	6027,3	5785,9	2751,3	26630,7
1705,1	28,3	430,3	1150,7	1151,0	4465,4
1683,7	35,2	415,5	1222,7	1446,2	4803,3

FINANCE AND CREDIT

3.9. Structure of enterprise balance sheets in 2012, by type of economic activity¹*(percent)*

	Assets			Liabilities				
	fixed assets	working assets	expenditure of future periods	own capital	provisions for future expenditures and payments	long-term liabilities	current liabilities	revenue of future periods
Total								
beginning of the year	45,2	53,9	0,8	35,6	2,3	16,4	45,1	0,6
end of the year	45,3	53,9	0,8	35,1	2,1	16,6	45,6	0,6
Agriculture, forestry and fishing								
beginning of the year	38,4	60,9	0,6	54,8	0,7	13,0	30,8	0,7
end of the year	37,1	62,3	0,6	54,0	0,7	12,0	32,6	0,7
Industry								
beginning of the year	50,1	49,1	0,8	36,4	2,6	15,8	44,6	0,6
end of the year	54,1	45,2	0,7	38,7	2,4	17,2	41,1	0,6
Construction								
beginning of the year	41,6	57,0	1,3	12,6	6,7	25,5	54,9	0,3
end of the year	38,9	59,7	1,3	11,7	5,9	25,0	56,8	0,6
Wholesale and retail trade; repair of motor vehicles and motorcycles								
beginning of the year	18,0	80,9	0,9	11,2	0,4	13,5	74,7	0,2
end of the year	17,9	81,1	0,9	10,2	0,4	13,7	75,5	0,2
Transportation and storage, postal and courier activities								
beginning of the year	71,3	28,3	0,4	55,0	3,3	12,7	27,9	1,1
end of the year	67,1	32,5	0,4	50,8	2,4	16,6	29,1	1,1
Accommodation and food service activities								
beginning of the year	73,4	25,5	1,1	40,6	1,4	26,3	31,2	0,5
end of the year	69,2	29,5	1,3	37,5	1,4	28,1	32,6	0,4
Information and communication								
beginning of the year	65,8	33,3	0,8	43,9	1,3	17,7	35,6	1,5
end of the year	63,6	35,6	0,7	38,7	1,4	16,2	42,2	1,5

FINANCE AND CREDIT

Table 3.9 continued

	Assets			Liabilities				
	fixed assets	working assets	expenditure of future periods	own capital	provisions for future expenditures and payments	long-term liabilities	current liabilities	revenue of future periods
Financial and insurance activities								
beginning of the year	27,8	71,7	0,2	51,7	2,7	16,2	28,9	0,5
end of the year	24,9	74,5	0,3	47,5	2,4	14,8	34,7	0,6
Real estate activities								
beginning of the year	69,6	29,3	1,0	38,4	1,2	28,8	31,4	0,2
end of the year	68,2	30,6	1,1	36,6	0,6	27,6	34,9	0,3
Professional, scientific and technical activities								
beginning of the year	62,8	36,6	0,5	37,1	7,1	17,9	37,1	0,8
end of the year	61,1	38,3	0,5	40,6	7,1	15,0	36,5	0,8
Administrative and support service activities								
beginning of the year	82,7	16,9	0,4	75,6	0,2	7,8	16,3	0,1
end of the year	81,7	17,9	0,4	76,2	0,3	6,5	16,9	0,1
Education								
beginning of the year	70,7	28,2	1,1	68,7	0,3	5,8	24,7	0,5
end of the year	70,8	28,4	0,8	69,6	0,3	4,3	25,3	0,5
Human health and social work activities								
beginning of the year	76,2	22,0	1,7	47,1	1,9	22,6	26,0	2,4
end of the year	78,3	20,5	1,2	45,9	1,6	23,7	26,3	2,5
Arts, entertainment and recreation								
beginning of the year	79,8	19,6	0,6	33,5	14,9	20,1	21,1	10,4
end of the year	81,0	18,1	0,9	32,0	13,3	22,7	21,7	10,3
Other services								
beginning of the year	69,3	30,3	0,4	38,2	0,6	9,6	25,8	25,8
end of the year	70,9	28,5	0,6	35,1	0,7	8,6	25,5	30,1

¹ See the footnote to Table 3.8

FINANCE AND CREDIT

3.10. 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
Total²					
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
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	27207,8	78,2	34078,2	21,8	6870,4
Industry					
2010	31221,1	58,7	68933,1	41,3	37712,0
2011	58662,3	62,6	106688,2	37,4	48025,9
2012	20924,6	62,0	86402,8	38,0	65478,2
Construction					
2010	-4418,2	55,3	4905,1	44,7	9323,3
2011	-3845,8	60,5	5373,0	39,5	9218,8
2012	-479,9	60,2	8975,0	39,8	9454,9
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	12109,5	65,9	47818,0	34,1	35708,5
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	7350,1	61,6	13697,7	38,4	6347,6
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	-856,6	58,9	835,9	41,1	1692,5
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	5976,6	63,4	11815,5	36,6	5838,9

FINANCE AND CREDIT

Table 3.10 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	-1835,3	58,9	38445,2	41,1	40280,5
2011	24231,3	59,5	42425,2	40,5	18193,9
2012	29042,9	60,0	48572,6	40,0	19529,7
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	-8193,2	55,8	5554,5	44,2	13747,7
Professional, scientific and technical activities					
2010	2352,0	57,5	8218,6	42,5	5866,6
2011	-640,3	62,9	5265,4	37,1	5905,7
2012	6209,7	62,5	11534,5	37,5	5324,8
Administrative and support service activities					
2010	-2271,4	56,0	1606,8	44,0	3878,2
2011	-2213,2	61,2	1710,1	38,8	3923,3
2012	4528,5	61,3	7510,0	38,7	2981,5
Education					
2010	88,3	64,3	163,1	35,7	74,8
2011	100,9	68,4	196,7	31,6	95,8
2012	113,7	68,1	199,8	31,9	86,1
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	20,1	62,5	434,9	37,5	414,8
Arts, entertainment and recreation					
2010	-1091,7	51,4	248,2	48,6	1339,9
2011	-1706,2	56,2	317,0	43,8	2023,2
2012	-2029,7	54,3	358,9	45,7	2388,6
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	-39,4	63,3	150,2	36,7	189,6

¹ Excluding budgetary institutions² Data for 2012, resulted without taking into account changes of the major type of economic activity of enterprises

FINANCE AND CREDIT

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

	Rate profitability (upprofitability)		
	2010	2011	2012 ²
Total	4,0	5,9	5,0
Agriculture, forestry and fishing	22,9	23,2	21,4
Industry	3,5	4,7	3,3
Construction	-1,5	0,2	-0,7
Wholesale and retail trade; repair of motor vehicles and motorcycles	9,8	15,0	12,3
Transportation and storage, postal and courier activities	5,6	6,1	5,4
Accommodation and food service activities	-1,8	-0,1	-1,3
Information and communication	7,4	7,6	10,1
Financial and insurance activities	-2,9	3,9	3,5
Real estate activities	0,3	-3,6	3,8
Professional, scientific and technical activities	4,4	1,5	2,1
Administrative and support service activities	-4,6	-2,7	-2,8
Education	4,9	7,4	6,7
Human health and social work activities	4,0	2,6	2,5
Arts, entertainment and recreation	-22,8	-24,4	-16,0
Other services	4,3	3,1	1,6

¹ Excluding banks and budgetary institutions² Data is resulted without taking into account changes of the major type of economic activity of enterprises

4. PRICES AND TARIFFS

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 from a sample survey of enterprises. The prices are weighed by the volume of sold industrial products in monetary terms.

Index of prices for sales of products by agricultural enterprises is an indicator of changes in time of average prices for agricultural products realized by agricultural enterprises (apart from the small ones). 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 labor, to those with shares in payment for land rent and property shares (portions), by other channels).

Price index for construction and assembly operations is characterising the movements of the prices in the construction. It is compiled monthly using the data about the procurement of the material resources according to the sample range of construction and assembly, and repair organisations. 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 AND TARIFFS

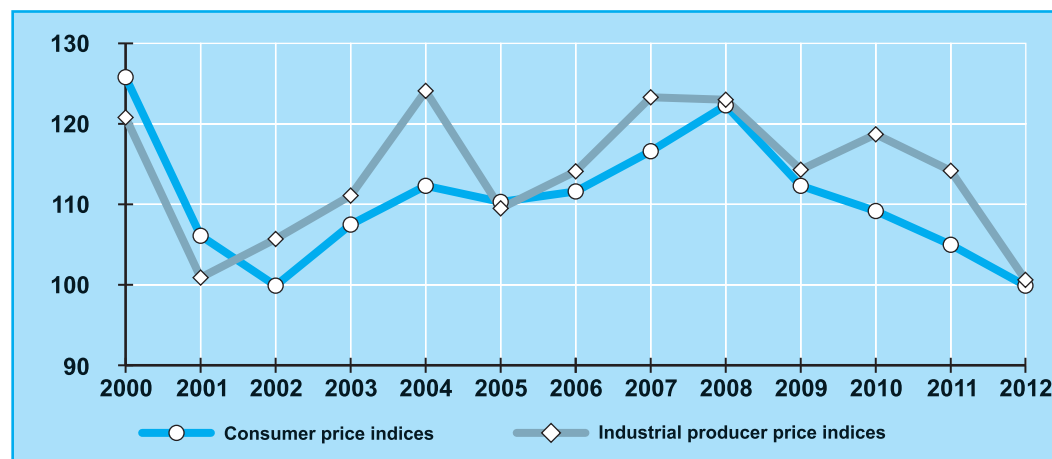
4.1. Price indices

(percent of the previous year)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Consumer price index	477,0	128,2	100,8	105,2	109,0	113,5	109,1	112,8	125,2	115,9	109,4	108,0	100,6
Industrial producer price index	588,9	120,8	103,0	107,6	120,5	116,7	109,6	119,5	135,5	106,5	120,9	119,0	103,7
Price index for products sold by agricultural enterprises	432,8	155,8	87,4	120,6	105,7	108,1	102,4	138,0	110,3	106,4	130,0	113,6	106,8
Price index for construction and assembly operations	670,0	118,0	105,8	103,9	120,2	125,6	123,5	123,1	135,3	111,3	115,8	119,4	112,6

4.2. Consumer price indices and industrial producer price indices in 2000–2012

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



4.3. Consumer and producer price indices

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Consumer price index	125,8	106,1	99,4	108,2	112,3	110,3	111,6	116,6	122,3	112,3	109,1	104,6	99,8
Base consumer price index	121,3	114,9	107,9	106,9	100,8
Industrial producer price index	120,8	100,9	105,7	111,1	124,1	109,5	114,1	123,3	123,0	114,3	118,7	114,2	100,3
Price index for construction and assembly operations	121,4	108,5	104,8	107,4	126,2	126,0	123,4	125,4	130,1	108,6	118,9	118,6	109,0

PRICES AND TARIFFS

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

(percent)

	2005	2008	2009	2010	2011	2012	2005	2008	2009	2010	2011	2012
	Dec. over Dec. of the previous year						of the previous year					
Foodstuffs and non-alcoholic beverages	110,2	124,5	110,9	110,6	101,7	97,7	116,2	135,7	111,9	110,9	106,4	97,9
Foodstuffs	110,8	124,5	110,0	110,7	100,7	97,1	117,5	136,7	110,9	110,7	106,1	96,9
bread and cereal products	102,2	127,8	108,3	116,5	106,3	99,7	98,9	133,3	112,6	112,3	115,0	98,0
bread	100,4	125,1	109,9	111,3	113,5	102,7	97,4	130,3	113,9	110,2	113,9	105,2
pasta	99,3	125,1	107,6	111,0	109,4	100,9	97,0	130,2	112,2	107,1	113,6	102,7
meat and meat products	118,4	134,0	106,2	104,1	109,8	101,3	130,3	139,4	111,8	102,0	106,0	107,1
fish and fish products	119,4	126,6	114,1	104,2	109,9	98,3	129,8	119,6	125,0	105,1	106,5	104,0
milk, cheese and eggs	110,1	115,4	109,4	116,0	106,0	93,4	123,4	131,2	108,9	121,9	103,4	102,2
oil and fats	102,0	123,2	114,2	108,1	106,7	99,2	124,0	155,8	107,9	109,6	107,7	102,9
fruits	126,1	137,8	101,3	109,3	96,4	97,9	120,6	167,5	112,8	105,1	106,8	94,5
vegetables	104,7	99,6	94,5	120,9	55,9	77,5	91,7	133,1	81,7	114,5	92,9	54,0
sugar	121,7	108,4	183,9	120,3	79,5	83,2	127,5	115,6	140,5	157,5	101,8	71,0
Non-alcoholic beverages	107,7	121,7	124,7	105,7	113,7	104,2	107,5	117,9	129,6	109,1	109,3	109,2
Alcoholic beverages, tobacco (products)	107,7	122,7	138,4	122,1	108,8	107,0	106,5	114,9	136,0	125,6	116,0	107,5
Clothes and footwear	102,2	104,6	107,6	102,2	101,0	97,7	101,9	102,8	108,0	103,7	101,6	98,9
clothes	101,6	104,8	107,6	102,3	101,5	98,4	101,6	102,8	108,2	103,6	102,0	99,6
footwear	102,6	104,0	107,9	102,5	100,3	96,2	102,1	102,8	107,5	104,1	101,0	97,7
Housing, water, electricity, gas and other types of fuels	114,6	128,2	108,2	113,8	111,0	100,7	109,0	114,2	125,5	109,4	117,1	102,6
payment for own dwelling (rent)	139,8	135,7	124,9	104,4	119,7	103,7	121,9	121,0	132,9	112,6	115,1	108,9
water supply	127,6	140,6	127,9	106,4	112,9	106,5	114,9	129,5	135,6	112,9	112,8	108,1
sewerage	134,3	145,1	140,3	107,1	112,1	106,1	118,6	132,6	146,3	116,9	112,4	107,7
electricity	100,0	100,0	100,0	100,0	122,9	100,0	100,0	100,0	100,0	100,0	118,3	103,9
natural gas	101,2	154,1	100,0	150,1	100,0	100,0	100,5	107,7	142,7	120,9	124,2	100,0
hot water, heating	115,9	130,7	106,7	106,2	115,1	99,5	110,4	112,9	136,3	105,6	117,6	101,2
Household goods, household appliances and current maintenance of housing	102,1	116,2	114,3	101,2	103,5	100,5	104,7	107,6	122,1	103,2	102,9	101,9
Health care	109,2	121,9	126,3	105,8	106,4	102,0	109,7	119,0	131,5	107,9	106,7	103,7
Transport	119,7	122,5	119,2	106,6	120,9	104,1	120,0	124,5	120,7	109,6	117,6	108,2
fuels and lubricants	124,5	91,7	146,0	113,9	130,9	106,9	135,4	133,4	112,0	118,3	129,4	109,6
transport services	122,1	146,6	110,3	105,0	119,7	103,5	119,1	130,3	125,6	108,1	114,6	109,8
rail passenger transport	100,8	125,3	116,7	100,0	106,5	100,8	100,8	118,1	122,3	105,3	104,5	105,0
road passenger transport	125,5	153,0	108,9	105,8	121,8	103,9	121,8	133,4	127,2	108,4	116,2	110,2
Communications	101,7	105,0	104,3	91,1	103,5	101,4	100,7	100,4	107,1	93,6	100,6	102,0
Leisure and culture	102,7	117,1	111,8	102,5	103,2	100,2	103,9	108,4	119,7	104,0	103,7	101,5
Education	118,0	129,2	115,1	110,3	105,7	104,4	113,1	122,1	122,3	113,1	108,9	105,1
Restaurants and hotels	118,6	127,9	110,0	107,4	107,2	102,8	117,5	128,4	116,3	107,4	107,8	104,6
Various goods and services	106,3	130,4	119,1	108,7	105,4	102,2	106,2	122,8	127,7	109,2	107,3	103,6

PRICES AND TARIFFS

4.5. 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	99,8	97,7	107,0	97,7	100,7	100,5
Autonomous Republic of Crimea	98,4	96,1	107,5	94,6	100,6	98,7
oblasts						
Vinnitsya	99,0	97,0	105,8	98,8	102,3	98,1
Volyn	99,0	96,9	103,8	100,0	101,2	101,5
Dnipropetrovsk	99,7	97,5	106,7	98,8	99,4	101,2
Donetsk	101,3	100,1	109,9	96,7	99,8	100,3
Zhytomyr	99,0	96,8	106,6	96,9	100,9	99,3
Zakarpattia	98,8	96,3	102,4	100,7	100,0	100,6
Zaporizhzhya	99,3	96,1	107,3	97,2	100,0	101,2
Ivano-Frankivsk	99,3	97,3	105,9	99,5	98,5	101,3
Kyiv	99,1	95,9	106,6	99,4	101,0	101,4
Kirovohrad	98,8	96,7	105,3	93,3	101,9	98,6
Luhansk	100,3	98,0	106,4	100,4	103,5	100,6
Lviv	99,3	96,2	107,3	99,9	100,1	101,1
Mykolayiv	99,3	97,2	106,8	98,3	102,4	100,1
Odesa	99,4	98,0	109,7	95,3	97,0	102,0
Poltava	99,1	96,3	107,2	98,4	100,6	100,1
Rivne	98,9	97,0	104,2	97,1	101,6	101,1
Sumy	98,8	97,1	107,8	91,6	100,6	99,2
Ternopil	98,9	96,3	105,9	98,9	100,3	99,3
Kharkiv	99,2	96,3	104,9	98,3	104,8	99,8
Kherson	99,4	97,0	107,3	99,9	101,4	100,5
Khmelnyskiy	99,6	97,4	106,6	98,0	101,8	99,2
Cherkasy	99,5	98,0	106,7	96,5	100,6	100,3
Chernivtsi	98,8	96,4	103,7	99,1	100,6	99,2
Chernihiv	98,8	96,5	105,8	98,1	102,0	100,4
cities						
Kyiv	101,6	100,9	107,6	95,4	100,1	100,3
Sevastopol	100,7	100,8	108,0	97,8	99,2	98,1

PRICES AND TARIFFS

in 2012, 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
102,0	104,1	101,4	100,2	104,4	102,8	102,2
101,4	103,5	100,9	98,5	104,7	100,8	101,3
98,0	103,6	101,6	97,0	103,7	103,2	97,3
101,7	103,0	101,5	101,2	102,8	102,3	102,7
101,8	105,6	101,4	99,5	104,1	103,1	100,4
102,6	107,6	101,1	102,3	103,9	102,7	102,2
104,0	102,1	101,4	99,1	107,1	101,4	104,6
100,8	106,4	100,6	99,8	105,6	101,6	100,1
102,4	103,0	101,3	101,3	110,6	104,6	103,9
102,5	102,2	101,5	98,2	100,9	101,0	102,7
102,6	103,6	101,8	99,5	103,0	101,8	103,8
100,2	103,8	100,9	98,9	103,9	101,6	104,5
102,8	103,8	100,8	100,2	103,0	101,9	104,1
103,2	104,3	101,8	101,9	103,4	102,3	107,1
101,8	102,5	100,9	100,4	104,4	103,9	101,6
102,8	103,0	101,2	100,2	106,0	104,7	105,4
99,9	105,3	100,8	99,3	104,9	103,4	102,6
103,5	103,1	101,3	100,2	105,9	102,3	99,5
101,5	104,3	101,3	99,1	108,5	102,1	100,5
101,0	104,3	101,6	98,0	102,7	101,5	108,9
101,1	103,3	101,4	99,3	101,8	102,3	100,7
101,2	102,5	100,4	99,7	107,1	101,1	102,9
100,5	106,1	101,5	100,9	104,9	102,7	99,8
99,5	103,8	101,3	99,1	103,2	101,2	103,9
100,3	102,5	101,5	97,9	103,8	103,3	101,1
102,1	103,9	101,0	97,7	107,6	102,2	101,8
103,9	104,1	101,8	103,0	102,9	105,4	99,4
104,5	101,9	99,9	97,9	101,6	103,2	102,6

PRICES AND TARIFFS

4.6. Consumer price indices, by region

(percent)

	2005	2008	2009	2010	2011	2012	2005	2008	2009	2010	2011	2012
	Dec. over Dec. of the previous year						of the previous year					
Ukraine	110,3	122,3	112,3	109,1	104,6	99,8	113,5	125,2	115,9	109,4	108,0	100,6
Autonomous Republic of Crimea	111,5	123,3	114,8	109,6	106,0	98,4	113,2	126,0	117,0	110,7	109,4	99,7
oblasts												
Vinnitsya	110,7	119,1	111,2	107,0	102,8	99,0	112,7	124,6	113,2	108,0	106,0	99,5
Volyn	109,1	121,3	110,0	108,1	103,2	99,0	112,5	124,4	113,3	108,0	107,2	99,4
Dnipropetrovsk	108,0	124,4	113,0	109,3	104,3	99,7	112,0	125,4	117,0	109,8	108,3	100,7
Donetsk	111,9	124,0	113,1	110,3	105,0	101,3	115,2	124,9	117,0	109,9	108,7	101,5
Zhytomyr	110,8	120,8	111,9	108,9	103,9	99,0	115,4	124,8	114,4	109,3	107,9	99,5
Zakarpattia	111,6	115,4	111,8	108,5	103,0	98,8	112,3	118,1	112,3	109,0	106,3	99,8
Zaporizhzhya	111,9	123,6	113,0	109,7	104,6	99,3	115,3	126,2	116,2	110,3	108,2	100,2
Ivano-Frankivsk	110,3	121,8	110,3	108,3	102,9	99,3	111,6	123,1	115,3	108,3	106,5	99,6
Kyiv	112,6	125,6	109,5	107,9	103,9	99,1	114,3	125,3	115,9	108,3	106,4	100,2
Kirovohrad	110,0	121,4	109,7	108,5	103,7	98,8	115,0	123,5	112,9	108,2	107,4	99,7
Luhansk	112,0	123,3	112,8	110,5	105,6	100,3	114,3	125,4	116,5	109,9	109,7	100,9
Lviv	108,4	125,1	113,4	109,7	104,9	99,3	111,6	127,0	117,6	110,5	108,0	100,6
Mykolayiv	111,5	121,8	112,8	110,0	104,4	99,3	113,4	127,1	115,9	110,0	108,7	99,7
Odesa	108,8	123,7	114,4	110,5	105,4	99,4	111,4	128,8	116,9	111,2	109,1	100,2
Poltava	113,7	123,5	112,8	108,4	103,7	99,1	116,1	127,8	115,7	109,2	107,6	99,7
Rivne	110,3	122,1	112,0	108,3	103,4	98,9	114,4	125,3	115,5	108,5	107,6	99,1
Sumy	112,2	121,0	110,8	108,9	103,6	98,8	115,9	122,7	114,1	109,1	106,8	100,0
Ternopil	108,4	118,6	111,2	108,5	103,7	98,9	110,8	125,1	115,4	108,1	108,0	99,5
Kharkiv	108,9	123,8	112,9	109,0	104,1	99,2	113,2	128,2	118,6	109,5	107,3	100,3
Kherson	109,2	121,9	112,6	110,6	104,5	99,4	113,6	128,2	114,8	109,8	109,2	99,9
Khmelnyskiy	108,5	122,7	113,0	109,6	104,0	99,6	113,3	127,4	115,9	110,2	107,9	100,2
Cherkasy	111,4	122,3	111,5	109,0	103,5	99,5	114,8	124,8	116,0	108,9	106,7	100,4
Chernivtsi	111,3	119,0	110,1	108,2	102,4	98,8	112,4	123,7	112,8	108,1	106,1	99,3
Chernihiv	109,9	123,1	112,7	109,5	103,6	98,8	114,1	124,1	117,6	108,9	108,9	98,9
cities												
Kyiv	110,5	121,6	113,4	109,8	106,1	101,6	112,9	123,8	116,4	110,0	109,4	102,1
Sevastopol	110,0	119,5	113,9	112,8	106,7	100,7	112,3	125,2	115,1	112,5	110,7	102,2

PRICES AND TARIFFS

4.7. Industrial producer price indices, by type of activity

(percent)

	2005	2008	2009	2010	2011	2012	2005	2008	2009	2010	2011	2012
	Dec. over Dec. of the previous year						of the previous year					
Industry	109,5	123,0	114,3	118,7	114,2	100,3	116,7	135,5	106,5	120,9	119,0	103,7
Mining	127,7	122,3	111,2	144,4	125,0	88,4	140,2	148,5	94,1	141,1	133,4	99,3
mining of fuel and energy minerals	126,3	107,7	110,6	139,1	116,3	104,1	130,9	137,9	92,3	137,0	121,6	112,8
mining operations apart from fuel and energy minerals	129,9	142,1	111,4	149,3	134,1	75,4	157,2	163,0	96,1	144,4	146,0	88,0
Manufacturing	106,9	118,4	117,4	117,1	110,1	99,8	114,9	134,9	106,7	118,8	116,3	101,2
including												
production of foodstuffs, beverages and tobacco products	107,9	116,5	120,3	118,9	109,4	103,6	109,3	127,5	115,9	118,0	115,6	104,7
light industry	102,8	116,7	113,5	111,2	108,7	102,4	106,0	111,1	116,3	111,2	113,2	103,6
textile industry, sewing of clothes, fur and fur articles	101,8	120,2	112,4	110,8	109,8	102,3	106,0	113,0	117,8	110,2	113,9	103,5
production of leather, leather articles and other materials	105,8	109,6	115,8	112,8	106,2	102,9	107,1	106,5	113,0	113,6	111,6	104,0
wood working and production of wood products apart from furniture	108,7	114,1	109,6	104,1	115,5	102,3	114,8	115,0	109,2	105,3	113,6	105,3
cellulose and paper industry; printing	103,9	117,0	111,5	110,8	106,1	103,0	108,0	114,5	112,9	111,0	109,7	103,2
production of coke and refined products	103,3	84,4	142,9	125,1	115,9	92,7	124,9	154,2	87,8	142,1	124,5	96,0
chemical and petrochemical industry	109,7	125,2	121,8	113,7	115,6	103,7	112,5	135,7	113,5	111,9	121,3	106,0
production of chemicals	110,9	125,7	127,6	115,7	118,0	105,2	111,8	143,6	113,2	113,5	124,7	107,3
production of rubber and plastic products	107,4	124,3	107,3	108,3	110,4	100,1	115,3	115,1	115,2	108,0	113,1	102,2
production of other non-metallic mineral products	117,2	125,1	104,2	106,6	114,5	107,6	116,9	129,7	107,8	103,7	113,0	111,1
metallurgy and production of finished metal products	106,9	119,2	117,2	122,7	108,5	94,9	118,3	147,7	93,1	125,8	119,1	96,4
engineering	105,6	122,0	107,7	112,2	107,8	100,5	110,1	120,0	111,3	110,7	110,7	102,4
manufacture of machinery and equipment	111,6	121,1	109,1	106,1	106,1	104,0	114,4	115,5	114,7	106,9	106,7	104,6
manufacture of electrical, electronic and optical equipment	111,4	112,6	114,7	106,9	104,3	101,7	110,8	111,2	114,5	109,7	106,6	101,4
manufacture of transport vehicles and equipment	97,7	126,4	104,2	117,6	112,7	97,3	106,4	127,5	107,5	113,3	115,8	101,9
Production and distribution of electricity, gas and water	113,1	142,2	103,9	112,5	121,0	109,1	110,0	131,3	111,5	118,7	118,0	114,2

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4.8. Producer price indices, by selected consumer goods

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

	2006	2007	2008	2009	2010	2011	2012
Fresh (fresh-killed) or cooled beef and veal	79,7	153,3	136,3	103,3	113,8	123,6	103,0
Fresh or cooled meat and edible offal of poultry	97,7	107,5	122,3	109,2	115,8	115,6	102,5
Fresh (fresh-killed) or cooled pork	80,4	131,3	160,3	97,9	99,3	108,0	106,3
Sausages	98,0	114,8	135,4	109,4	108,8	113,9	104,8
Refined sunflower seed oil	102,7	148,7	107,5	119,6	141,1	102,9	99,7
Processed skimmed milk	105,7	149,2	107,5	120,6	125,2	108,0	99,3
Butter	108,6	144,9	112,4	140,6	123,0	106,2	91,9
Hard cheeses	106,7	150,7	106,2	123,9	118,2	119,3	94,0
Wheat or wheat and rye flour	124,0	127,2	111,6	102,6	121,9	112,3	113,5
Bread and flour products	116,4	117,6	128,6	109,2	107,9	113,2	104,1
Granulated sugar	106,4	95,2	103,8	184,1	124,7	86,8	88,5
Chocolate and other ready-made food products containing of cocoa in briquettes, plates or bars	104,2	114,0	119,9	133,1	117,3	112,5	95,7
Macaroni products without filling and heat processing	107,6	122,4	123,5	110,6	118,3	118,2	100,8
Vodka and other strong alcoholic beverages	106,6	117,0	119,6	108,6	108,2	131,8	100,2
Non-alcoholic beverages	108,5	109,2	113,6	124,8	111,2	123,0	104,9
Bed linen	106,3	100,7	108,4	106,8	128,8	119,7	108,2
Knitted hosiery produced by knitting machines or handmade	110,0	108,4	122,8	125,5	113,6	113,2	100,6
Suits for men and boys	106,8	105,0	110,7	104,8	100,2	117,9	121,7
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for women and girls	109,8	117,8	122,2	100,0	99,5	105,3	101,6
Knitted underwear	105,6	109,2	116,1	111,3	115,2	101,6	100,3
Footwear with uppers of natural or combined leather	106,7	108,5	105,2	113,5	103,9	103,4	102,9
Television receivers	88,8	95,2	109,8	123,4	101,0	89,9	93,8
Water meters including calibrating	112,0	102,0	106,3	115,7	110,5	103,5	101,2
Electric power meters, including calibrating	103,0	107,1	101,1	122,0	101,4	100,4	100,1
Tableware, kitchenware, other household chinaware	116,6	109,2	114,0	119,6	104,2	114,1	112,6
Furniture for sitting (mainly with wood frame)	113,6	111,0	145,6	105,1	101,8	102,7	103,4
Wood furniture for furnishing dwellings interior	106,7	117,3	153,6	109,1	102,0	113,2	106,1

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4.9. Price indices for products sold by agricultural enterprises

(percent of the previous year)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Agricultural production	432,8	155,8	87,4	120,6	105,7	108,1	102,4	138,0	110,3	106,4	130,0	113,6	106,8
Crop output	413,9	168,2	87,8	133,7	93,3	95,5	114,1	157,7	95,2	109,1	139,8	115,7	105,6
Grain crops	439,5	222,7	81,8	171,1	83,8	91,8	123,2	161,5	92,5	101,9	140,3	121,4	109,1
Oil crops	415,7	102,7	108,5	102,1	131,2	84,6	102,2	184,6	92,9	120,1	142,6	112,2	107,5
Sugar beets	385,1	145,1	92,1	109,5	96,5	130,3	105,0	84,7	138,8	188,4	115,4	107,7	82,4
Potatoes	709,5	102,7	121,9	110,9	85,4	126,8	156,1	97,2	111,5	112,0	164,3	95,5	47,6
Vegetables	304,6	123,7	125,3	116,6	119,2	125,6	108,0	120,6	115,4	99,7	143,0	90,9	74,1
Fruit and berries	406,9	82,0	88,5	86,4	168,0	133,6	146,5	111,0	124,9	101,7	118,0	131,7	92,9
Grapes	348,2	114,8	115,9	107,3	128,7	140,6	139,2	107,5	117,8	103,3	138,0	103,6	113,1
Cucurbitaceous	206,4	122,4	79,7	88,0	119,9	202,5	67,4	222,0	96,8	61,6	113,1	180,0	161,5
Livestock product	446,7	138,5	86,6	104,8	134,2	129,5	88,8	115,8	147,4	101,4	114,3	109,2	108,0
Livestock and poultry	442,5	133,9	87,1	95,1	144,8	134,8	89,9	102,4	158,5	102,9	104,2	110,8	111,6
Milk and dairy products	483,0	148,3	89,5	128,2	119,2	134,3	94,4	154,6	123,4	91,5	155,5	103,4	86,7
Eggs	402,2	134,2	79,9	115,2	123,2	105,5	76,4	142,1	137,5	107,0	116,3	110,2	117,4
Wool	146,4	167,9	78,9	115,0	128,5	128,0	95,2	95,7	127,3	74,0	120,7	166,8	119,3

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4.10. Price indices for construction and assembly operations

(percent)

	2005	2008	2009	2010	2011	2012	2005	2008	2009	2010	2011	2012
	Dec. over Dec. of the previous year						of the previous year					
Total	126,0	130,1	108,6	118,9	118,6	109,0	125,6	135,3	111,3	115,8	119,4	112,6
By type of building and structure												
Buildings	123,9	129,2	108,2	116,5	119,0	109,0	124,5	134,6	111,2	114,2	118,2	113,1
residential	122,1	129,3	107,8	116,6	118,2	109,5	122,5	133,6	111,5	113,5	117,3	113,4
non-residential	125,7	128,9	108,6	116,5	118,8	108,8	126,8	135,8	110,7	115,0	118,3	112,7
Engineering structures	127,9	132,1	109,1	122,7	118,7	109,0	126,5	135,9	111,7	118,3	122,0	112,0
transport structures	130,2	130,9	107,5	125,3	122,3	109,6	131,2	139,9	110,5	119,3	124,8	113,7
pipelines, communication and power lines	129,8	133,5	115,3	117,5	116,7	107,9	118,9	137,5	115,4	119,6	117,3	111,2
complex industrial structures	127,1	133,9	106,8	126,5	119,1	109,8	131,0	136,0	111,7	117,9	124,8	112,1
other engineering structures	124,3	126,2	105,7	115,4	114,0	108,9	144,0	135,6	105,8	113,0	116,3	110,1
By type of economic activity												
Agriculture, hunting, forestry	134,0	130,0	112,4	117,3	118,0	108,3	142,4	140,0	109,5	118,7	120,3	110,5
Mining	128,8	138,3	105,8	127,1	119,8	110,3	135,9	139,0	110,2	118,7	126,4	112,3
Manufacturing	126,4	129,6	107,4	117,0	119,9	109,0	126,0	135,0	111,6	114,5	118,9	113,1
Production and distribution of electricity, gas and water	126,1	130,7	112,6	116,8	117,1	108,4	120,3	136,5	112,8	117,4	117,6	111,5
Hotels and restaurants	120,7	127,6	107,4	116,0	117,2	108,4	123,0	133,3	111,0	113,3	116,3	112,5
Transport and communications	131,8	133,4	113,4	121,2	119,4	109,1	123,9	138,2	114,2	120,3	121,2	112,8
Real estate transactions, renting, engineering and provision of services to businessmen	122,1	129,3	107,8	116,6	118,2	109,5	122,5	133,6	111,5	113,5	117,3	113,4
Public administration	121,2	128,7	107,9	117,3	117,3	108,9	120,2	133,5	110,8	114,3	117,5	112,5
Education	125,2	132,1	111,2	116,3	119,0	108,7	120,3	137,2	112,7	117,2	117,9	113,2
Health care and provision of social aid	121,4	128,5	106,7	115,6	118,3	109,4	121,8	133,8	110,9	112,2	117,3	113,2
Provision of communal and individual services; cultural and sporting activity	123,5	126,5	105,8	115,4	114,5	108,7	143,0	136,0	106,0	112,9	116,6	110,4

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

(percent)

	2005	2008	2009	2010	2011	2012	2005	2008	2009	2010	2011	2012
	Dec. over Dec. of the previous year						of the previous year					
Total	99,6	101,9	103,0	110,8	101,3	105,3	99,4	101,4	103,1	107,2	104,5	102,8
by type of services												
mail	111,0	131,7	123,9	108,6	106,3	103,6	104,1	125,6	130,0	108,6	101,6	108,4
local telephone	100,0	104,6	118,2	100,0	113,3	107,1	100,0	101,2	116,0	105,4	107,8	108,0
inter-city and international telephone	96,6	100,0	100,0	97,7	100,0	98,3	97,4	100,0	100,0	99,4	98,3	98,9
mobile	100,0	100,0	100,0	114,4	100,0	106,4	100,0	100,0	100,0	108,4	105,5	102,4

4.12. Tariff indices for shipment of cargo by rail

(percent)

	2005	2008	2009	2010	2011	2012	2005	2008	2009	2010	2011	2012
	IV Q over IV Q of the previous year						of the previous year					
All cargo	139,7	153,5	101,4	102,1	123,8	100,0	139,3	149,0	113,5	102,2	113,3	109,8
Coal	132,0	150,9	105,3	100,0	124,2	100,0	128,2	143,1	120,3	101,3	112,9	110,0
Iron ore	119,2	142,7	99,9	106,3	124,2	100,0	127,2	148,9	105,2	104,7	114,6	110,0
Mineral and construction	164,1	164,6	102,7	100,0	124,4	100,0	159,2	156,2	115,6	102,8	113,0	110,1
Ferrous metals	150,0	149,9	100,4	106,3	124,4	100,0	150,9	148,5	111,1	104,8	114,7	110,0
Oil and refined products ¹	140,4	162,2	100,2	100,0	136,9	151,6	115,9	100,0
Oil and dark refined products	124,3	100,0	113,1	109,9
Light refined products	124,4	100,0	113,0	110,0
Chemical and mineral fertilisers	138,3	150,5	96,8	100,0	124,2	100,0	136,0	135,9	108,1	99,2	112,9	110,0
Coke	119,2	143,7	107,8	104,7	124,3	100,0	130,0	149,9	111,4	105,5	114,4	109,9
Chemical ²	150,0	157,6	100,7	100,0	124,2	100,0	148,9	149,4	116,5	100,2	113,0	109,9
Grain crops	138,8	159,3	96,0	100,0	115,5	100,0	137,7	151,1	112,4	99,0	108,4	106,6
Lumber ³	150,0	157,6	103,8	100,0	124,3	100,0	148,9	149,4	119,2	100,9	113,1	109,9
Cement	150,0	164,6	100,8	100,0	124,2	100,0	147,1	156,2	116,5	100,2	112,9	110,0

¹ Since 2011 the observation over changes in tariffs is conducted separately for oil, dark refined products and light refined products

² Paintwork material, glues, oxides, carbohydrates, etc

³ Round, mine timbers, sawnwood, etc

4.13. Tariff indices for transportation by pipelines

(percent)

	2005	2008	2009	2010	2011	2012	2005	2008	2009	2010	2011	2012
	IV Q over IV Q of the previous year						of the previous year					
All cargo	100,1	120,6	107,3	166,6	120,3	102,3	100,9	107,5	108,3	169,9	118,9	110,4
Oil	100,2	124,3	116,8	124,8	110,2	101,6	99,6	114,2	118,8	123,2	115,8	103,0
Gas	100,0	120,0	106,1	171,0	120,6	102,3	101,0	106,9	107,2	174,4	119,1	110,7

5. 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 units of the Business register are the legal entities and subdivisions of the legal entities of all organisational and legal forms of business that are located on Ukraine's territory and are operating in line with 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 functions of the Business register are:
ensure a comprehensive, accurate and unified official record and the units' identification;

check the units' classification by obtaining the statistical information in formal way;

conduct statistical observation on structural changes in the economy, types of economic activity and demography of enterprises;

obtain data from administrative sources for statistical observations;

coordination with information systems of the other state run public authorities.

The source of data include/exclude enterprises to/from the Business register as well as the alterations in the Business register is information from state registering clerk to the state statistics office about the registration covered by Ukraine's Law *On the State Registration of the Legal persons and the Natural persons (businessmen)*.

The units are classified according to their location, the organisational and the legal forms of business, types of the economic activities, etc, in line with state classifications.

One of the indicators of the stratified statistical information is the type of economic activity. Since January 1, 2012, according to Decree 457 of the Ukraine State Committee on Technical Regulation and Consumer Policy dated on October 11, 2010, *the Classification of Types of Economic Activity*, State Classifier 009:2010 has come into effect. 2012 was identified as the period for taking measures to get shifted to State Classifier 009:2010. Behind the construction of this classification is the international classification of types of economic activity of the European Union, NACE, Rev.2-2006 (For reference: before January 1, 2012, in the Unified State Register of Enterprises and Organisations of Ukraine (Business Register), the recording of entities was based on *the Classification of Types of Economic Activity*, State Classifier 009:2005 which follows the standard international classification of types of economic activity of the European Union, NACE, Rev.1.1-2002. According to Decree 113 of the Ministry of Economic Development and Trade of Ukraine dated on February 7, 2013, the effect of State Classifier 009:2005 was renewed for the period up to December 31, 2013. Therefore, the recording of the Business Register entities is made taking into account the two classifications: State Classifier 009:2005 and State Classifier 009:2010.

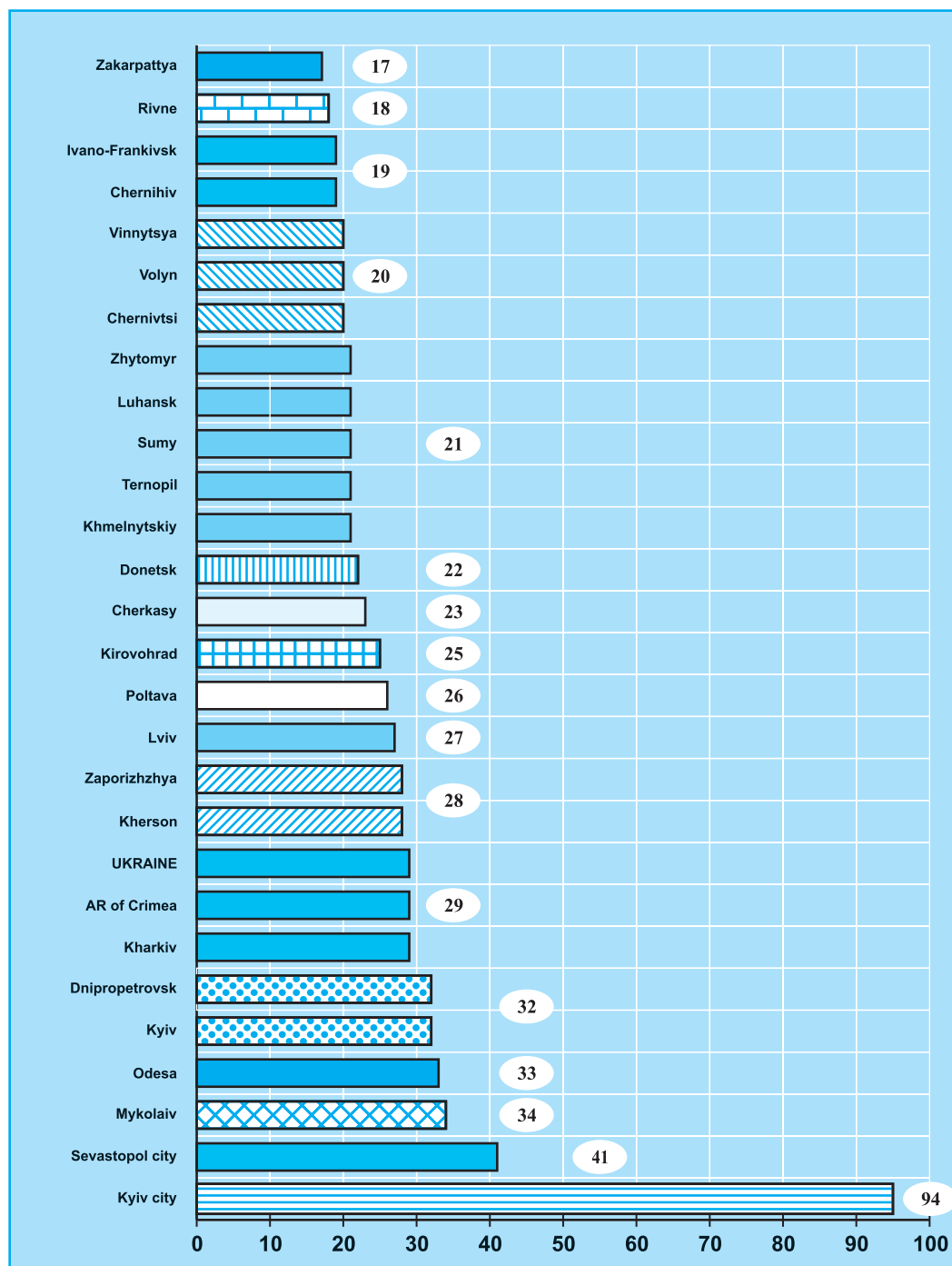
Data given in section reflect the changes in the number and structure of the Business Register entities by region and organisational and legal forms of business.

The publication of information about the number of the Business Register entities by type of economic activity will be prolonged after the completion of transition period from State Classifier 009:2005 towards State Classifier 009:2010.

UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

5.1. Number units in the Unified State Register of Enterprises and Organisations of Ukraine (Business register), by region
(beginning of year)

	1997	2001	2006	2007	2008	2009	2010	2011	2012	2013
Ukraine	615686	834886	1070705	1133200	1187020	1228888	1258513	1294641	1323807	1341781
Autonomous Republic of Crimea	28409	34675	45181	47593	49829	51305	52414	53977	55469	56206
oblasts										
Vinnitsya	14997	19487	26565	28453	29455	30268	30956	31624	32507	32820
Volyn	9486	13294	16181	17266	17960	18565	19149	19809	20468	20804
Dnipro-petrovsk	49896	67701	87722	92382	96588	99511	101613	103643	104084	104719
Donetsk	53549	68396	80922	83955	87553	90006	92265	94507	96249	96242
Zhytomyr	12182	16065	20306	21933	23079	24100	24735	25412	26147	26673
Zakarpattia	12304	15572	17871	18979	19851	20513	20761	21402	21339	21473
Zaporizhzhya	22274	31469	42311	44357	46207	47209	48035	49182	49534	49453
Ivano-Frankivsk	15163	19565	22469	23331	23775	24055	24281	24961	25306	25658
Kyiv	18285	27145	38301	41871	45333	47947	49478	51549	53760	55381
Kirovohrad	13968	17295	21695	22718	23269	23750	24065	24578	24941	25119
Luhansk	25462	31306	39023	40772	42255	43465	44245	45260	45936	46536
Lviv	33398	45085	55421	58163	60391	62190	64277	65758	67376	68231
Mykolayiv	20534	26196	34133	35769	37386	38551	39235	40021	40453	40306
Odesa	37585	51484	64025	67857	71150	73787	75235	77235	78782	78666
Poltava	20197	26935	32612	34173	35178	35844	36289	36884	37463	37461
Rivne	10622	14036	16866	17576	18293	18946	19543	20106	20436	20570
Sumy	13964	18379	21679	22604	22855	23212	23412	23824	24178	24300
Ternopil	11804	16447	18996	20113	20527	20988	21261	21646	22125	22369
Kharkiv	47671	57239	68191	71050	72655	74114	74674	75893	77297	78516
Kherson	16493	22499	27019	28028	28624	29151	29616	30168	30780	30553
Khmelnyskiy	12830	17845	23306	24805	25726	26442	26848	27472	27968	28155
Cherkasy	14095	18699	24123	25814	26821	27669	28378	28860	28963	28974
Chernivtsi	8834	11338	13593	14687	15484	16026	16784	17273	17637	17696
Chernihiv	10573	13814	17736	18486	18693	19091	19365	19709	20124	20444
cities										
Kyiv	74479	123584	183866	198996	215449	228837	237720	249407	259302	268780
Sevastopol	6632	9336	10592	11469	12634	13346	13879	14481	15183	15676

5.2. Business register units, by region*(as of January 1, 2013; per 1000 population)*

5.3. Business register units, by the legal status and region*(as of January 1, 2013)*

	Total	Including	
		legal entities	branches
Ukraine	1341781	1287570	54211
Autonomous Republic of Crimea	56206	53499	2707
oblasts			
Vinnitsya	32820	30818	2002
Volyn	20804	19761	1043
Dnipropetrovsk	104719	101225	3494
Donetsk	96242	92187	4055
Zhytomyr	26673	25574	1099
Zakarpattia	21473	20419	1054
Zaporizhzhya	49453	47721	1732
Ivano-Frankivsk	25658	24179	1479
Kyiv	55381	53155	2226
Kirovohrad	25119	24081	1038
Luhansk	46536	44089	2447
Lviv	68231	65075	3156
Mykolayiv	40306	38594	1712
Odesa	78666	75527	3139
Poltava	37461	35702	1759
Rivne	20570	19657	913
Sumy	24300	22911	1389
Ternopil	22369	21226	1143
Kharkiv	78516	76172	2344
Kherson	30553	28953	1600
Khmelnyskiy	28155	26751	1404
Cherkasy	28974	27588	1386
Chernivtsi	17696	16857	839
Chernihiv	20444	19364	1080
cities			
Kyiv	268780	261390	7390
Sevastopol	15676	15095	581

UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

5.4. Business register units, by the organisational and the legal forms of business

(beginning of year)

	1997	2001	2006	2007	2008	2009	2010	2011	2012	2013
Total	615686	834886	1070705	1133200	1187020	1228888	1258513	1294641	1323807	1341781
including										
farm	26980	38561	48918	49801	50023	50126	49764	49514	49014	49095
private enterprise	111644	192168	248211	258536	270331	278574	283697	285821	283911	280073
public enterprise	14158	9965	7562	7359	7213	6975	6811	6661	6512	6075
state-run enterprise	—	49	50	50	43	44	44	43	45	38
communal enterprise	12373	13713	16688	16755	16636	16336	15994	15726	15615	15207
subsidiary	5315	19140	23127	22523	21648	20973	20408	19908	19182	18594
foreign enterprise	1171	2446	2315	2347	2323	2307	2272	2247	2200	2176
enterprise, public association (religious organisation, trade union)	—	2355	4369	4510	4590	4560	4568	4551	4501	4498
enterprise founded by consumer partnership	—	—	860	1061	1167	1234	1291	1349	1349	1360
joint-stock company	30922	34942	33976	33084	31993	31100	30169	28748	26568	25531
limited liability company	147738	221905	325925	351750	381205	404525	418145	443223	467822	488781
extended liability company	718	719	700	696	730	761	782	945	1420	1539
full liability company	1640	1997	1997	1985	1948	1939	2084	2120	2100	2074
mixed liability company	653	799	690	673	654	642	631	638	651	638
cooperative	20094	29892	30790	31429	33257	34324	35063	34772	34164	33664
of which										
production	—	3107	2556	2653	2602	2539	2461	2469	2492	2459
serve	—	11100	16645	17872	20270	21814	22620	21797	21050	20619
consumer	—	—	215	323	424	531	591	660	732	771
agriculture and production	—	—	1324	1364	1404	1418	1401	1355	1307	1224
agriculture and serve	—	—	372	438	468	503	759	838	920	947

UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE

Table 5.4 continued

	1997	2001	2006	2007	2008	2009	2010	2011	2012	2013
organisation (establishment, institution)	28411	69382	85821	100083	101817	104024	108552	110074	111508	115042
of which										
state-run	—	—	19313	17733	16801	16035	15786	15926	16449	16479
communal	—	—	53009	64252	63910	61450	65308	66242	66629	66378
private	—	—	641	783	859	887	907	950	975	1000
organisation (establishment, institution) public association (religious organisation, trade union, cooperation of consumers)	—	—	570	850	1036	1247	1393	1466	1578	1579
association	1902	2516	2751	2841	2953	3057	3125	3180	3222	3194
corporation	332	609	824	842	849	862	866	872	862	852
consortium	51	57	80	84	84	89	92	92	94	93
concern	353	380	406	403	400	396	390	387	373	359
other associations of the legal persons	1194	2123	1971	1880	1774	1717	1634	1598	1532	1412
branch (another separated subdivision)	13409	44108	51429	54238	55937	55322	52973	51636	50044	49014
representative office	2222	2971	3810	4031	4219	4317	4330	4411	4675	4744
commodity exchange	—	—	221	302	411	503	559	588	600	598
credit union	—	—	737	938	1026	1097	1127	1155	1141	1154
consumer partnership	2776	5103	5656	5535	5403	5328	5252	5214	5089	5044
union of consumer partnerships	565	666	524	482	452	428	404	393	370	363
not state pension fund	—	—	11	55	75	81	83	80	77	75
political party	360	5477	13976	15459	16167	16719	17375	18942	19121	19222
non-profit organisation	11360	29083	46682	50706	54862	59321	63899	67696	71767	74500
religious organisation	3521	12167	18617	19706	20595	21425	22343	23271	24126	24720
trade union, association of trade unions	1059	10965	15639	17360	20405	22678	24649	26340	27834	28852
creative union (other professional organisation)	—	21	180	204	216	235	240	261	270	278
charitable organisation	—	4525	9590	10319	10988	11660	12267	12860	13475	14055
condominium	—	—	4159	5295	6848	8549	10329	11956	13872	15018
community association population	—	—	425	604	888	1008	1152	1210	1306	1426

6. MATERIAL AND ENERGY RESOURCES

Capital assets are one of the main components of the national wealth of the country.

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

Since 2008, the value of fixed assets includes the value of investment real estate.

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

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

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

Energy balances for 2010/2011 are compiled according to Regulation 203-p *On Current and Forecast Energy Balance* of the Cabinet of Ministers of Ukraine dated on March 11, 2011 according to the methodology of *International Energy Agency* (IEA) and which are published following international practice. When compiling energy balance, the indicators of the state statistical reporting and administrative data from Ukraine ministries and departments have been used.

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

The indicators of energy balance for 2010 on coal and oil products have been revised due to shifts from other sources and

raw material for petrochemical production, biomass as a results of inclusion of data on consumption of biofuel by households. Data from transformation sector have been revised due to revision of effective use of fuel to be transformed into heat and energy.

The uses of energy materials and refinery processing products 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).

Proportion of fuel, heat energy and electricity inputs includes fuel, heat and electric power inputs for basic and auxiliary technological processes of production, for the auxiliary needs of production (the general production shops' and plants' expenditure for heating, ventilation, light, etc) and losses from the heat and electrical networks of the enterprises related to the production of the given products (operations). Proportions of the inputs are calculated as a ratio of actual general use of the fuels or energy for the production of the given type of products (operations) to the total amount of the produced products (or the performed work). Proportions of the inputs of fuels, heat energy and electric power is compiled per unit of the finished products on the basis of the data from the enterprises. Figures are using nomenclature according to the *Nomenclature of the Industrial Products* (NIP).

The recording of fuels and energy is made in the physical units of measurement: tones, thousand cubic meters, density cubic meters, thousand kilowatt hour, G-calorie. 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).

MATERIAL AND ENERGY RESOURCES

6.1. Capital assets in economy

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	bln. KRB		bln. UAH											
Capital assets (at current prices, end of year)	474	1086	5152	829	915	965	1026	1141	1276	1569	2047	3150	3904	6649
Indices of capital assets, percent														
of 1990	100,0	107,5	110,6	113,4	114,6	118,4	123,4	128,1	134,5	142,7	150,0	153,8	157,3	
of the previous year	103,1	99,0	101,0	102,4	101,1	103,3	104,2	103,8	105,0	106,1	105,1	102,5	102,3	

6.2. Capital assets, by region

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

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	828822	964814	1026163	1141069	1276201	1568890	2047364	3149627	3903714	6648861
Autonomous Republic of Crimea	34553	40122	42340	43758	47685	63496	76953	107549	136268	161438
oblasts										
Vinnitsya	19981	25417	25287	25993	28747	32911	42704	86179	98021	1048655
Volyn	12041	12986	13056	14962	16659	18725	25329	30796	34569	37948
Dnipro-petrovsk	86131	97930	101791	128686	136776	159289	194092	263677	341076	702986
Donetsk	99256	108565	123097	129043	144630	188318	225947	301171	430793	454778
Zhytomyr	18436	19137	19814	20207	21669	23873	31586	40793	44715	56572
Zakarpattia	11463	12747	13886	15182	17027	21589	28157	38069	50544	86774
Zaporizhzhya	44810	55402	56813	59225	70358	88089	115057	136124	154835	227548
Ivano-Frankivsk	17156	23745	25163	26811	28022	30150	35338	41910	50433	57133
Kyiv	30450	32296	36232	42289	46815	56111	74906	97550	111959	124498
Kirovohrad	17055	19646	19025	19729	21612	28122	35533	48782	82085	651168
Luhansk	43948	47155	48335	51946	57357	69283	84441	99572	113452	122542
Lviv	35646	44242	47085	51890	59232	68867	82009	102942	152120	207220
Mykolayiv	21812	23453	25101	26451	29348	36909	62257	68060	93411	128519
Odesa	42224	46818	49892	57173	65200	83686	96492	123955	151666	172682
Poltava	30824	36462	38396	52493	57632	68583	94180	122086	144432	178212
Rivne	14875	16065	16346	18964	22785	27380	40277	45643	49826	54343
Sumy	21261	25365	25896	26542	28138	30884	35680	45541	49336	57441
Ternopil	12289	13394	13374	13913	15097	16861	20111	24608	26809	32783
Kharkiv	66358	70681	74548	75594	86816	114402	181148	379942	399665	735772
Kherson	17362	17628	22006	18219	19234	24067	29851	42452	49369	58080
Khmelnyskiy	17943	18954	19279	22399	26764	29777	40057	53078	56896	78105
Cherkasy	21399	21802	22395	23238	26790	42228	49785	57227	62838	76127
Chernivtsi	11167	12606	12446	12893	13720	15801	18931	22190	29696	37293
Chernihiv	18701	25965	26610	27430	29425	31481	35065	44147	53025	59024
cities										
Kyiv	56571	90154	101679	129325	151036	189399	281164	713320	921296	1025952
Sevastopol	5110	6077	6271	6714	7627	8609	10314	12264	14579	15268

MATERIAL AND ENERGY RESOURCES

6.3. Capital assets, by type of economic activity

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

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	828822	964814	1026163	1141069	1276201	1568890	2047364	3149627	3903714	6648861
Agriculture, hunting, forestry	97471	86192	77979	75447	76034	75511	78978	95880	103187	113388
agriculture, hunting and related services	96624	85314	76995	74362	74880	74274	77471	94089	101339	111335
forestry and related services	847	878	984	1085	1154	1237	1507	1791	1848	2053
Fishing	1941	1904	1409	1248	1139	1209	1216	1267	1396	1054
Industry	285328	339259	362598	420080	456738	525222	660369	760194	970942	1101199
mining	55746	62543	66974	74878	80012	87562	95006	109677	127723	141164
manufacturing	166094	181394	191953	224367	245800	295046	366247	438872	614731	705712
production and distribution of electricity, gas and water	63488	95322	103671	120835	130926	142614	199116	211645	228488	254323
Construction	15462	17312	18256	20421	24682	29278	40074	52084	66486	63113
Trade; repair of motor vehicles, household appliances and personal demand items	19641	21568	25644	31906	36673	44018	74924	88770	98956	106254
Hotels and restaurants	4934	6367	6893	7636	9252	15217	19625	23450	28008	31023
Transport and communications	113437	141826	151164	167538	184342	306919	453835	1208195	1366919	3816055
Financial activity	6524	7680	9244	12646	15439	23688	34833	48670	51521	54676
Real estate transactions, renting, engineering and provision of services to businessmen	167621	214536	233956	247005	303927	363918	465591	607876	745943	798044
Public administration	34238	33161	35235	34572	34901	37193	43572	41261	46954	50971
Education	45344	45735	46621	49281	51639	53500	56615	61933	67544	72520
Health care and provision of social aid	21618	25231	28085	34760	38726	41970	47248	61453	69210	62377
Provision of communal and individual services; cultural and sporting activity	15225	17117	17396	20856	20911	24323	28550	34467	208097	270216

MATERIAL AND ENERGY RESOURCES

6.4. Indices of capital assets, by type of economic activity

(percentage of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	102,4	101,1	103,3	104,2	103,8	105,0	106,1	105,1	102,5	102,3
Agriculture, hunting, forestry	99,6	99,95	100,7	101,6	102,8	98,6	105,7	108,2	104,5	106,2
agriculture, hunting and related services	99,6	99,98	100,7	101,5	102,8	98,4	105,7	108,1	104,6	106,2
forestry and related services	102,1	97,2	104,3	105,1	104,4	106,2	108,3	109,9	103,2	104,9
Fishing	99,4	102,6	99,1	101,4	100,9	98,8	103,1	100,7	100,2	100,7
Industry	102,5	102,6	103,0	104,7	102,5	104,8	105,6	105,1	103,5	103,0
mining	104,2	103,7	103,5	106,8	105,1	105,6	106,3	106,6	107,0	106,3
manufacturing	102,2	102,5	103,6	104,6	102,2	105,7	107,2	106,6	103,4	102,5
production and distribution of electricity, gas and water	101,5	101,9	101,5	103,6	101,6	102,5	102,0	101,7	101,6	102,5
Construction	101,9	103,1	105,6	106,5	108,6	111,4	118,2	113,2	107,5	103,0
Trade; repair of motor vehicles, household appliances and personal demand items	105,7	107,8	111,4	112,5	113,3	117,5	122,3	115,3	109,8	107,5
Hotels and restaurants	108,0	103,5	104,4	108,1	108,0	104,5	104,1	103,6	102,9	102,4
Transport and communications	103,9	103,9	105,8	105,3	106,5	106,5	105,6	103,5	100,9	100,9
Financial activity	117,2	128,2	117,4	117,9	118,3	121,6	120,6	115,0	103,5	106,5
Real estate transactions, renting, engineering and provision of services to businessmen	102,0	101,6	102,3	102,0	102,8	103,0	105,3	103,7	102,3	102,8
Public administration	102,4	102,2	103,7	105,6	103,5	103,7	104,5	106,1	103,9	103,7
Education	101,9	100,0	101,6	101,5	101,3	101,8	102,2	102,4	102,2	101,9
Health care and provision of social aid	102,8	101,3	102,5	103,0	102,3	102,0	103,1	103,9	102,4	104,0
Provision of communal and individual services; cultural and sporting activity	102,9	102,1	102,4	104,9	102,9	103,5	105,4	105,8	106,6	100,5

MATERIAL AND ENERGY RESOURCES

6.5. Putting new capital assets into service, by region

(at current prices; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	23726	33255	35025	44165	61468	70497	82333	127453	149635	111345	122572
Autonomous Republic of Crimea	646	954	1299	1576	1804	1887	2340	3386	4078	2646	3522
oblasts											
Vinnnytsya	460	822	658	815	986	1306	1674	3101	3334	2102	3028
Volyn	255	372	609	563	642	851	1373	2178	2578	1803	1683
Dnipropetrovsk	2093	2904	2972	3652	5033	5855	7754	12041	12900	10312	11917
Donetsk	2976	4298	3723	4811	6547	7067	9562	14425	18253	14013	11690
Zhytomyr	316	483	502	725	758	1299	1210	2693	2538	1579	2464
Zakarpattia	304	385	540	852	857	861	1243	1931	3286	1452	2069
Zaporizhzhya	1696	1852	2209	2051	2108	2208	2376	3689	4034	2755	3726
Ivano-Frankivsk	511	867	718	1389	1139	1350	1761	2587	3492	2270	3699
Kyiv	1229	1919	1528	2085	2400	2799	3598	8045	8405	8240	8914
Kirovohrad	316	421	411	628	728	1400	1151	1663	1984	1375	1680
Luhansk	876	1413	1337	1910	2348	2846	3750	5486	7546	4267	4242
Lviv	897	1103	1391	1731	2444	2974	3842	5333	6956	4171	7308
Mykolayiv	509	657	781	1249	1136	2023	2589	2869	2566	2989	4126
Odesa	1207	1859	1821	2024	2840	4452	4690	6570	8079	5951	6612
Poltava	1482	1831	1831	2074	2140	2956	3090	4284	5773	5930	6647
Rivne	440	506	459	657	2617	921	1704	2020	2220	1332	2332
Sumy	593	880	1008	941	1140	1244	1464	1906	2033	1673	2090
Ternopil	199	215	269	368	445	618	858	1568	2290	1030	1776
Kharkiv	1411	1796	2267	2802	4221	4903	5764	6676	8453	6839	6261
Kherson	358	435	385	499	720	917	1017	1499	2064	1493	1317
Khmelnyskiy	391	544	640	611	2399	1043	1729	1864	2264	1811	1722
Cherkasy	396	490	549	911	1160	2328	1682	1983	2515	1881	1755
Chernivtsi	118	198	184	332	420	534	922	1566	1694	4039	1265
Chernihiv	477	577	533	684	851	1170	1170	1637	2147	1637	1570
cities											
Kyiv	3450	5341	6148	8032	13203	14225	13601	25732	27345	16705	18304
Sevastopol	120	133	253	193	382	460	419	721	808	1050	853

MATERIAL AND ENERGY RESOURCES

6.6. Putting new capital assets into service, by type of economic activity

(at current prices; mln. UAH)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	23726	33255	35025	44165	61468	70497	82333	127453	149635	111345	122572
Agriculture, hunting, forestry	3107	4077	3647	3741	4906	6471	4986	6295	10385	7376	8191
agriculture, hunting and related services	3067	4037	3593	3682	4824	6389	4883	6137	10175	7282	8062
forestry and related services	40	40	54	59	82	82	103	158	210	94	129
Fishing	24	25	69	34	36	25	29	50	28	16	18
Industry	9363	10791	12102	14012	23547	22738	29085	39655	49231	38338	42053
mining	2917	3683	3253	3578	6323	6104	6268	7716	9834	10229	11281
manufacturing	4650	5637	6982	8564	12081	13773	18426	27722	33778	22948	23353
production and distribution of electricity, gas and water	1796	1471	1867	1870	5143	2861	4391	4217	5619	5161	7419
Construction	919	800	1043	1395	1731	2578	3489	6234	6951	5669	2872
Trade; repair of motor vehicles, household appliances and personal demand items	1122	1345	1843	2756	3857	5219	6896	11672	13474	9840	9323
Hotels and restaurants	166	490	275	425	773	836	852	941	1071	1020	966
Transport and communications	4118	6416	6690	9607	10416	14185	14857	22683	22092	16817	17475
Financial activity	775	1041	1436	1427	2014	2858	3799	5761	7809	4048	4674
Real estate transactions, renting, engineering and provision of services to businessmen	2844	4270	4741	6316	7601	9657	12468	25400	25436	17634	24625
Public administration	444	1052	1102	1616	2726	2030	1781	2650	3856	2392	2461
Education	400	1410	885	1236	1303	1380	1602	2168	2481	2285	2311
Health care and provision of social aid	184	916	689	1016	1366	1464	1425	2187	3014	2272	3619
Provision of communal and individual services; cultural and sporting activity	260	622	503	584	1192	1056	1064	1752	2679	2962	1788

MATERIAL AND ENERGY RESOURCES

6.7. Degree of depreciation of capital assets, by region

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ukraine	43,7	45,0	47,2	48,0	49,3	49,0	51,5	52,6	61,2	60,0	74,9
Autonomous Republic of Crimea	41,8	46,0	45,2	46,0	46,0	47,9	54,7	55,8	61,3	64,8	69,4
oblasts											
Vinnitsya	45,4	51,2	59,2	54,1	54,4	56,0	53,5	52,7	70,7	70,7	97,1
Volyn	41,8	45,1	44,4	44,4	42,8	43,6	44,4	46,4	46,0	45,4	49,1
Dnipropetrovsk	47,4	50,8	51,3	51,8	56,4	56,7	58,2	58,0	61,9	58,1	78,7
Donetsk	45,1	44,2	49,8	52,9	52,0	51,6	53,8	52,3	54,2	63,4	64,5
Zhytomyr	42,0	44,8	46,4	45,9	46,7	46,5	46,2	49,7	50,6	50,2	57,4
Zakarpattia	41,3	42,0	43,2	44,5	41,6	42,6	42,2	46,2	40,1	52,2	74,3
Zaporizhzhya	43,5	46,9	49,0	50,8	51,3	54,3	59,2	57,3	59,4	60,3	72,6
Ivano-Frankivsk	38,8	40,1	52,5	51,1	52,2	50,6	51,3	47,4	46,9	50,2	47,6
Kyiv	39,5	39,0	41,0	42,7	45,9	46,5	45,2	39,5	37,2	37,5	38,7
Kirovohrad	46,5	48,6	47,1	48,8	49,5	49,0	53,2	54,9	51,1	73,8	96,7
Luhansk	46,6	43,2	44,6	46,0	47,9	47,9	52,4	53,5	52,6	54,8	55,9
Lviv	43,1	46,0	47,4	48,3	48,2	46,7	47,7	46,2	48,1	60,9	70,1
Mykolayiv	42,9	44,2	45,5	45,9	46,3	46,2	45,5	60,3	61,0	67,3	74,3
Odesa	44,2	55,2	51,3	50,0	50,6	48,9	51,1	50,4	52,3	51,2	52,7
Poltava	43,1	42,8	45,8	47,8	60,5	59,4	61,7	65,5	67,6	70,1	73,5
Rivne	41,9	43,5	45,1	45,9	42,3	39,0	43,0	48,9	49,8	50,1	50,9
Sumy	43,6	43,1	49,4	49,7	51,3	52,6	55,4	57,2	61,2	60,9	63,8
Ternopil	44,5	44,6	47,6	46,5	47,2	47,2	47,5	46,7	44,8	44,5	46,8
Kharkiv	45,6	35,6	37,9	38,6	44,8	45,0	52,2	64,2	81,8	80,6	88,7
Kherson	48,0	46,9	50,7	62,5	54,5	54,2	59,3	55,9	65,5	66,8	67,3
Khmelnyskiy	42,0	42,7	44,2	43,5	43,5	40,9	41,4	43,6	52,7	51,8	64,1
Cherkasy	42,5	44,9	46,1	46,4	46,5	43,6	60,9	61,9	61,3	60,6	66,9
Chernivtsi	39,9	45,8	47,1	47,3	47,7	47,8	46,4	44,4	42,8	37,4	37,7
Chernihiv	45,0	62,9	64,0	63,9	63,9	63,1	64,1	61,1	61,5	52,4	56,3
cities											
Kyiv	37,4	37,7	40,8	40,0	38,9	38,6	38,9	39,1	65,3	53,4	53,3
Sevastopol	44,7	47,5	48,1	48,2	47,5	47,3	48,1	48,4	47,7	47,9	48,4

MATERIAL AND ENERGY RESOURCES

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

(percent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total	43,7	45,0	47,2	48,0	49,3	49,0	51,5	52,6	61,2	60,0	74,9
Agriculture, hunting, forestry	47,3	49,6	49,3	50,4	51,1	52,2	48,2	46,2	45,7	39,6	40,8
agriculture, hunting and related services	48,3	50,0	50,4	51,6	51,1	50,6	49,0	46,1	44,0	39,4	40,7
forestry and related services	48,8	49,0	47,3	49,4	49,6	48,4	49,0	47,3	45,8	48,3	49,3
Fishing	56,2	59,6	58,2	59,3	57,8	55,9	59,4	55,4	54,2	48,4	54,2
Industry	48,8	51,9	54,5	56,4	58,3	57,9	58,6	59,0	58,0	61,8	63,0
mining	41,8	44,4	45,5	49,1	49,6	49,6	49,9	49,8	52,9	46,1	47,8
manufacturing	52,0	55,1	55,4	55,8	59,3	59,2	60,0	59,7	57,3	64,9	66,8
production and distribution of electricity, gas and water	46,6	50,5	58,7	62,0	62,0	60,6	60,9	62,2	62,0	62,2	60,7
Construction	49,2	52,1	52,6	51,0	48,5	45,1	40,8	39,3	41,0	46,0	50,1
Trade; repair of motor vehicles, household appliances and personal demand items	38,8	37,5	35,3	35,8	33,7	31,9	29,8	22,0	26,4	28,7	32,1
Hotels and restaurants	36,0	35,4	35,7	35,2	33,3	31,6	37,7	39,2	41,5	42,1	43,4
Transport and communications	50,5	50,2	49,8	49,0	49,9	48,5	60,4	66,9	82,4	83,9	94,4
Financial activity	23,1	20,9	22,2	23,2	23,8	29,6	26,7	25,0	24,7	26,1	28,7
Real estate transactions, renting, engineering and provision of services to businessmen	30,1	32,8	35,4	36,3	36,8	38,3	40,9	41,2	41,2	42,3	44,2
Public administration	47,0	22,7	31,4	32,7	39,8	42,2	40,8	38,6	46,5	46,7	46,6
Education	40,5	51,2	56,6	57,0	58,3	59,7	61,6	57,4	57,8	62,4	62,5
Health care and provision of social aid	37,8	42,1	49,1	50,3	47,2	47,4	45,7	44,0	43,3	46,7	50,8
Provision of communal and individual services; cultural and sporting activity	45,5	47,9	48,4	48,7	47,1	46,6	45,8	45,5	44,2	8,5	7,4

MATERIAL AND ENERGY RESOURCES

6.9. Energy balance

Supply and consumption	Coal and peat	Crude oil	Oil products	Natural gas
Production	33716	3590	—	15426
Imports	7793	7885	6029	29551
Exports	-4820	-37	-4066	-5
International bunkering	—	—	-274	—
Change in stocks	1562	59	-7	10256
General supply of primary energy	38251	11497	1682	55229
Inter-product transfers	—	481	-435	—
Statistical discrepancies	6	-94	-159	-9573
Power plants	-17318	—	-102	-688
Heat power plant (HPP)	-1912	—	-189	-5559
Central heating plants	-1132	—	-100	-9255
Coke enterprises (blast-furnaces)	-4608	—	—	—
Gas enterprises	-4	—	—	—
Enterprises producing briquettes	-2837	—	—	—
Oil-refining enterprises	—	-11901	12142	—
Petrochemical enterprises	—	—	—	—
Other enterprises engaged into transformation	-58	41	—	—
Own consumption by energy sector	-1812	-2	-598	-1076
Losses due to transportation and distribution	-202	-12	-7	-682
Final consumption	8372	10	12234	28396
Industry	7189	4	1364	6437
Ferrous metallurgy	5980	—	255	4160
Chemical and petrochemical	16	—	108	328
Non-ferrous metallurgy	31	—	6	214
Non-metallic mineral products	626	—	64	734
Transport equipment	1	—	22	55
Engineering	11	—	38	199
Mining (excluding fuel)	97	—	302	404
Food and tobacco	33	—	132	248
Cellulose and paper, printing	1	—	9	25
Wood working and wood products	—	—	10	25
Construction	5	—	268	37
Textile and leather	1	—	3	6
Other types of industry	385	4	147	—
Transport	27	—	8525	3303
Domestic air transportation	—	—	2	—
Road	—	—	8256	45
Rail	25	—	178	—
Pipeline	—	—	9	3250
Domestic boat traffic	—	—	80	—
Other mode of transport	3	—	—	8
Others	670	6	1397	14544
Household sector	476	—	60	14063
Trade and services	177	—	74	348
Agriculture	17	—	1255	128
Fishing	—	—	8	1
Other consumers	—	6	—	4
Non-energy uses	486	—	948	4112
Industrial and energy sectors, transformation sector	486	—	853	4112
including raw material for industry	49	—	142	3945
On transport	—	—	29	—
In other sectors	—	—	66	—

MATERIAL AND ENERGY RESOURCES

for 2010

(thsd.t of oil equivalent)

Nuclear power	Hydroelectric power	Wind, solar energy	Bio fuel and wastes	Electric power	Heat power	Total
23387	1131	4	1458	—	—	78712
—	—	—	—	2	—	51260
—	—	—	—	—351	—	—9278
—	—	—	—	—	—	—274
—	—	—	18	—	—	11888
23387	1131	4	1476	—349	—	132308
—	—	—	—	—	—	46
—	—	—	—	—	—75	—9895
—23234	—1131	—4	—41	14722	—	—27796
—153	—	—	—322	1497	4917	—1722
—	—	—	—66	—	9944	—609
—	—	—	—	—	—	—4608
—	—	—	—	—	—	—4
—	—	—	—	—	—	—2837
—	—	—	—	—	—	241
—	—	—	—	—	—	—
—	—	—	—60	—	—	—77
—	—	—	—3	—2478	—1471	—7440
—	—	—	—	—1866	—834	—3603
—	—	—	984	11526	12481	74004
—	—	—	41	5668	4625	25327
—	—	—	3	2183	1148	13730
—	—	—	—	426	1221	2100
—	—	—	—	115	291	657
—	—	—	18	243	91	1777
—	—	—	—	156	103	338
—	—	—	1	342	174	765
—	—	—	—	850	97	1750
—	—	—	3	380	1080	1879
—	—	—	—	93	151	279
—	—	—	14	44	63	155
—	—	—	1	102	80	492
—	—	—	—	30	35	75
—	—	—	—	703	91	1330
—	—	—	—	772	—	12627
—	—	—	—	—	—	2
—	—	—	—	—	—	8301
—	—	—	—	539	—	742
—	—	—	—	105	—	3365
—	—	—	—	—	—	80
—	—	—	—	127	—	138
—	—	—	943	5086	7856	30502
—	—	—	914	3160	5140	23813
—	—	—	12	1644	2387	4643
—	—	—	17	282	329	2027
—	—	—	—	—	0	9
—	—	—	—	—	—	10
—	—	—	—	—	—	5547
—	—	—	—	—	—	5452
—	—	—	—	—	—	4135
—	—	—	—	—	—	29
—	—	—	—	—	—	66

MATERIAL AND ENERGY RESOURCES

6.10. Energy balance

Supply and consumption	Coal and peat	Crude oil	Oil products	Natural gas
Production	40345	3407	—	15528
Imports	8340	5783	7750	36179
Exports	-5587	—	-4172	—
International bunkering	—	—	-246	—
Change in stocks	-1607	-90	29	-4866
General supply of primary energy	41490	9100	3360	46841
Inter-product transfers	—	530	-479	—
Statistical discrepancies	—	180	368	-5
Power plants	-19115	—	-86	-419
Heat power plant (HPP)	-2050	—	-122	-6440
Central heating plants	-1096	—	-94	-9224
Coke enterprises (blast-furnaces)	-4865	—	—	—
Gas enterprises	-12	-2	—	—
Enterprises producing briquettes	-2893	—	—	—
Oil-refining enterprises	—	-9828	9856	—
Petrochemical enterprises	—	—	—	—
Other enterprises engaged into transformation	-69	42	—	—
Own consumption by energy sector	-1767	-1	-561	-885
Losses due to transportation and distribution	-221	-10	-4	-680
Final consumption	9402	11	12237	29188
Industry	7928	11	1409	6572
Ferrous metallurgy	6524	—	219	4135
Chemical and petrochemical	73	—	174	452
Non-ferrous metallurgy	24	—	7	210
Non-metallic mineral products	819	—	77	737
Transport equipment	1	—	23	67
Engineering	4	—	44	233
Mining (excluding fuel)	19	—	317	377
Food and tobacco	41	—	138	268
Cellulose and paper, printing	1	—	9	26
Wood working and wood products	—	—	13	23
Construction	7	—	297	35
Textile and leather	—	—	2	9
Other types of industry	417	11	87	—
Transport	26	—	8422	3312
Domestic air transportation	—	—	14	—
Road	—	—	8175	44
Rail	26	—	173	—
Pipeline	—	—	7	3262
Domestic boat traffic	—	—	52	—
Other mode of transport	1	—	—	6
Others	892	—	1599	14659
Household sector	708	—	84	14060
Trade and services	167	—	121	423
Agriculture	16	—	1386	177
Fishing	—	—	7	—
Other consumers	—	—	—	—
Non-energy uses	556	—	807	4645
Industrial and energy sectors, transformation sector	556	—	718	4645
including raw material for industry	48	—	33	4575
On transport	—	—	36	—
In other sectors	—	—	53	—

MATERIAL AND ENERGY RESOURCES

for 2011

(thsd.t of oil equivalent)

Nuclear power	Hydroelectric power	Wind, solar energy	Bio fuel and wastes	Electric power	Heat power	Total
23672	941	10	1580	—	—	85485
—	—	—	—	3	—	58055
—	—	—	—	-544	—	-10303
—	—	—	—	—	—	-246
—	—	—	-17	—	—	-6552
23672	941	10	1563	-541	—	126438
—	—	—	—	—	—	51
—	—	—	—	—	-158	385
-23519	-941	-10	-30	15132	—	-28988
-153	—	—	-374	1633	4662	-2844
—	—	—	-47	—	9867	-594
—	—	—	—	—	—	-4865
—	—	—	—	—	—	-14
—	—	—	—	—	—	-2893
—	—	—	—	—	—	27
—	—	—	—	—	—	—
—	—	—	-71	—	—	-98
—	—	—	-1	-2373	-1571	-7159
—	—	—	—	-1828	-849	-3593
—	—	—	1040	12023	11951	75852
—	—	—	44	5409	4880	26253
—	—	—	—	2081	1204	14162
—	—	—	1	505	1478	2684
—	—	—	—	146	281	669
—	—	—	21	265	91	2009
—	—	—	—	128	109	329
—	—	—	1	376	172	829
—	—	—	—	875	98	1687
—	—	—	4	384	1103	1938
—	—	—	—	97	160	293
—	—	—	15	53	83	187
—	—	—	1	95	73	508
—	—	—	—	37	27	75
—	—	—	2	368	—	885
—	—	—	—	850	—	12611
—	—	—	—	—	—	14
—	—	—	—	—	—	8219
—	—	—	—	638	—	837
—	—	—	—	106	—	3375
—	—	—	—	—	—	52
—	—	—	—	106	—	113
—	—	—	995	5764	7071	30980
—	—	—	937	3308	4507	23604
—	—	—	42	1821	2228	4802
—	—	—	16	305	336	2236
—	—	—	—	3	—	10
—	—	—	—	327	—	327
—	—	—	—	—	—	6008
—	—	—	—	—	—	5919
—	—	—	—	—	—	4656
—	—	—	—	—	—	36
—	—	—	—	—	—	53

MATERIAL AND ENERGY RESOURCES

USES OF MATERIAL AND TECHNICAL AND ENERGY RESOURCES

6.11. Consumption of energy materials and refinery processing products in 2012, by the selected type of economic activity

	Consumption ¹	Share of consumption, by the selected economic activities, percent				
		agriculture, hunting, forestry	industry	construction	transport and communications	enterprises and organisations of other types of activity
Total , mln.t of conventional fuel	171,9	1,8	75,7	0,5	3,0	2,0
Coal, mln.t	73,3	0,1	97,2	0,0	0,2	0,8
Natural gas, bln.cub.m	53,4	1,1	59,8	0,2	3,9	2,6
Crude oil (including gas condensate), mln.t	4,8	0,0	99,9	0,1	0,0	0,0
Gasoline, thsd.t	4240,8	4,8	6,2	1,3	2,6	7,6
Gas oil (diesel fuel), thsd.t	6310,1	20,9	19,8	3,9	20,0	6,2
Heavy fuel oil, thsd.t	324,6	0,4	80,3	3,2	11,9	4,1
Kerosene, thsd.t	324,1	0,0	4,1	0,1	94,4	1,4
Liquefied propane and butane, thsd.t	429,0	4,2	15,0	0,7	3,0	8,3
Oil and lubricants, thsd.t	257,4	10,1	76,4	1,7	9,6	1,4
Coal briquettes, thsd.t	3,9	0,1	32,9	—	0,1	67,0
Non-agglomerated fuel peat, thsd.t conventional moisture content	425,5	—	96,9	—	0,0	0,6
Firewood for the heating, thsd. densit cub.m	2774,7	6,6	12,5	0,2	1,2	17,0

¹ Including energy materials and refinery processing products sold to households

6.12. Uses of fuel and energy resources for production needs

	1990	1995	2000	2001	2002	2003	2004	2005 ¹	2006 ¹	2007 ¹	2008 ¹	2009 ¹	2010 ¹	2011 ¹	2012 ¹
Total , mln.t of conventional fuel	325,9	186,1	144,9	144,6	146,0	155,1	155,8	170,0	174,3	175,7	166,4	137,7	149,6	157,1	152,4
of which, percent															
fuel for boilers and furnaces	67,1	65,6	69,4	69,4	70,0	70,2	69,5	69,5	69,6	69,9	68,9	68,1	68,2	68,6	68,7
thermal power	14,7	13,8	10,4	10,4	10,0	10,1	10,0	10,6	10,5	9,7	10,3	10,4	10,0	10,0	9,7
electric power	18,2	20,6	20,2	20,2	20,0	19,7	20,5	19,9	19,9	20,4	20,8	21,5	21,8	21,4	21,6

¹ Fuel and energy resources spent for production, and communal and household needs

MATERIAL AND ENERGY RESOURCES

6.13. Costs structure of energy materials and refinery processing products in 2012, by consumption pattern

(percent)

	Consumption ¹	Of which			
		for conversion to other fuels and energy	for non-energy purposes	final consumption ²	distribution, transportation and storage losses
Total	100,0	54,4	5,1	40,1	0,4
Coal	100,0	91,6	0,4	8,0	0,0
Natural gas	100,0	35,6	11,7	51,6	1,1
Crude oil (including gas condensate)	100,0	99,5	0,2	0,1	0,2
Gasoline	100,0	0,0	0,0	100,0	0,0
Gas oil (diesel fuel)	100,0	3,6	1,3	95,1	0,0
Heavy fuel oil	100,0	68,8	1,2	30,0	—
Kerosene	100,0	—	0,9	99,1	0,0
Liquefied propane and butane	100,0	0,1	0,1	99,5	0,3
Oil and lubricants	100,0	—	97,7	2,3	—
Coal briquettes	100,0	59,6	2,7	37,7	—
Non-agglomerated fuel peat	100,0	84,4	0,2	15,2	0,2
Firewood for heating	100,0	22,7	0,8	76,5	0,0

¹ Including losses while processing

² See the footnote for Table 6.11

6.14. Consumption structure of energy materials and refinery processing products¹

(percent)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
of which														
coal	24,7	29,8	22,4	22,6	22,3	22,0	22,4	24,6	25,2	26,8	27,7	27,9	30,6	32,5
coal briquettes	0,6	0,3	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
natural gas	28,2	37,8	44,6	37,9	39,2	38,9	40,7	39,5	36,9	37,5	34,0	35,7	37,7	35,7
crude oil (including gas condensate)	21,4	9,0	7,6	15,7	15,5	15,4	13,3	10,3	9,9	7,9	9,5	9,0	7,6	4,0
gasoline	3,0	2,5	2,5	2,7	2,6	2,6	2,7	3,2 ²	3,4 ²	3,9 ²	4,1 ²	3,8 ²	3,7 ²	3,7 ²
gas oil (diesel fuel)	3,5	5,0	4,0	3,7	3,6	3,8	3,7	3,9 ²	4,2 ²	4,6 ²	4,5 ²	4,6 ²	5,1 ²	5,3 ²
heavy fuel oil ³	5,9	4,0	1,0	0,8	0,5	0,5	0,5	0,7	0,8	0,8	1,7	0,6	0,7	0,3
kerosene	0,1	0,1	0,2	0,1	0,1	0,1	0,0	0,0	0,0	0,3	0,2	0,2	0,3	0,3
liquefied propane and butane	0,3	0,3	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,3	0,3	0,2	0,4	0,4
non-agglomerated fuel peat	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
firewood for the heating	0,2	0,3	0,4	0,4	0,4	0,4	0,3	0,3	0,3	0,4	0,4	0,4	0,4	0,4

¹ See the footnote for Table 6.11

² Including of volumes of retails by filling stations

³ In 1990/2004, fuel oil

MATERIAL AND ENERGY RESOURCES

6.15. Consumption of the selected energy materials and refinery processing products in 2012¹, by region

	Coal, thsd.t	Coal briquettes, thsd.t	Natural gas, mln.cub.m	Gasoline ² , thsd.t	Gas oil (diesel fuel) ² , thsd.t	Heavy fuel oil, thsd.t	Firewood for the heating, thsd. densit cub.m
Ukraine	73314,0	3,9	53364,2	4240,8	6310,1	324,6	2774,7
Autonomous Republic of Crimea	131,8	—	1615,8	191,4	192,8	16,2	49,4
oblasts							
Vinnitsya	2348,9	0,1	1171,0	135,1	220,9	7,7	99,3
Volyn	62,5	—	642,4	64,6	151,8	4,2	104,8
Dnipropetrovsk	11981,0	0,4	5544,8	354,7	575,4	30,2	26,6
Donetsk	30021,1	—	7083,0	292,1	461,5	61,0	45,7
Zhytomyr	22,9	—	894,7	90,9	150,9	0,3	418,6
Zakarpattia	24,3	0,3	664,0	115,7	162,6	0,5	213,3
Zaporizhzhya	4709,1	0,4	1763,8	198,6	222,2	10,5	28,6
Ivano-Frankivsk	4848,3	0,2	1652,5	92,2	215,7	3,1	66,5
Kyiv	2589,5	0,4	2566,1	284,6	352,7	5,6	138,9
Kirovohrad	120,4	0,8	693,7	85,9	150,3	5,3	55,7
Luhansk	8885,0	0,9	3537,7	147,7	202,5	81,5	67,8
Lviv	1389,5	—	2305,8	204,5	346,5	0,9	148,8
Mykolayiv	170,2	0,0	1197,1	102,8	194,3	1,9	26,3
Odesa	67,5	—	2484,2	265,2	305,1	64,7	50,6
Poltava	36,1	—	3049,0	148,3	567,9	15,6	60,8
Rivne	227,4	—	1222,9	72,7	152,6	0,1	153,7
Sumy	95,0	0,0	1238,5	78,9	111,5	0,4	187,6
Ternopil	22,5	—	828,5	69,8	153,1	0,0	30,1
Kharkiv	3764,8	—	3333,8	207,5	272,4	3,5	115,0
Kherson	40,6	—	562,8	112,7	152,7	2,3	64,6
Khmelnyskiy	283,2	0,4	1002,0	102,4	175,8	1,7	109,5
Cherkasy	473,9	0,0	2305,5	134,1	201,9	0,5	93,3
Chernivtsi	29,5	0,0	496,8	66,7	104,9	0,1	166,4
Chernihiv	511,9	—	968,5	80,7	107,6	2,4	225,6
cities							
Kyiv	449,7	—	4347,7	503,8	373,2	1,2	26,8
Sevastopol	7,5	—	191,5	37,3	31,2	3,1	0,5

¹ See the footnote for Table 6.11

² See the second footnote for Table 6.14

MATERIAL AND ENERGY RESOURCES

6.16. Uses of the secondary energy resources by enterprises and organisations

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Output of secondary fuel energy resources, thsd.t of conventional fuel	18863,6	4535,2	7156,5	11119,2	12460,6	11024,2	9317,3	8495,1	10676,3	10134,2
Utilization rate, percent	82,8	93,6	92,3	87,3	88,3	87,7	86,5	86,9	86,1	86,7
Output of secondary heat energy resources, thsd. of Gcal	27029,4	11460,2	10073,0	13429,0	14425,2	12634,9	8897,5	11088,3	12872,0	11428,4
Utilization rate, percent	93,1	95,7	93,8	92,4	97,1	94,5	94,0	94,9	95,4	96,5

6.17. Cost per unit of energy resources for the selected types of products (operations)

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW·h		
	2010	2011	2012	2010	2011	2012	2010	2011	2012
Supply of electric power produced by heat and power stations HPPs of general use, thsd.kW·h	320,8	316,4	327,3	—	—	—	67,9	69,2	73,9
Supply of electric power produced by HPP block stations, thsd.kW·h	386,4	417,0	400,3	—	—	—	—	—	—
Supply of electric power produced by HPPs not connected to electric power system, thsd.kW·h	176,7	182,5	175,6	—	—	—	—	—	—
Supply of electric power produced by thermal power stations of general use excluding HPPs, thsd.kW·h	397,0	394,5	396,4	—	—	—	—	37,0	38,8
Supply of electric power produced by thermal power stations not connected to electric power system, excluding HPPs, thsd.kW·h	266,0	253,6	238,8	—	—	—	—	—	—
Supply of heat power produced by power stations, Gcal	166,8	166,2	167,2	—	—	—	37,5	36,3	37,2
Supply of heat power produced by boilers, Gcal	164,2	164,1	164,1	—	—	—	31,2	30,2	29,7
Output of crude oil, t	14,4	14,7	16,4	43,3	47,5	48,9	107,2	117,2	133,6
Primary oil refining, t	36,6	43,4	51,2	100,9	113,6	152,9	26,5	26,1	26,7
Output of non-agglomerated hard coal, t	—	—	—	40,3	35,4	32,3	92,6	84,2	74,5
Output of non-agglomerated brown coal (lignite), t	—	—	—	—	—	—	18,6	7,5	—

MATERIAL AND ENERGY RESOURCES

Table 6.17 continued

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW-h		
	2010	2011	2012	2010	2011	2012	2010	2011	2012
Output of non-agglomerated iron ores and concentrated products, t	—	—	—	—	—	—	106,9	106,5	105,9
Output of agglomerated iron ores and concentrated products excluding burnt pyrites, t	—	—	—	—	—	—	54,5	59,5	59,1
Output of processed pig iron, billet iron or other primary forms, t	630,5	612,6	596,7	45,6	45,7	40,8	15,6	15,4	16,8
Output of foundry iron, t	645,1	676,9	664,2	41,9	60,6	53,5	138,2	283,2	120,8
Output of carbon open-hearth steel for moulding, t	36,9	676,2	739,2	—	—	—	50,4	264,8	167,7
Output of ingots made of carbon open-hearth steel, t	104,5	87,7	74,1	28,3	25,7	18,6	17,9	18,8	17,5
Output of basic oxygen steel for moulding, t	4,6	2,8	3,2	—	—	—	42,9	35,8	53,9
Output of ingots made of carbon basic oxygen steel, t	2,7	2,9	2,4	12,6	—	—	34,7	35,7	33,5
Output of carbon electric steel for moulding, t	109,7	105,4	116,3	278,9	545,2	810,7	924,0	954,5	980,6
Output of ingots made of carbon electric steel, t	39,0	33,2	33,5	107,6	67,5	67,4	945,9	849,5	865,4
Production of not crooked rods, hot rolled and hot-drawn, forged from stainless steel angle bars and sections, t	417,5	337,1	404,3	132,6	129,4	132,1	1314,1	1269,6	1294,3
Production of flat and hot rolled stock of non-alloyed steel (carbonic) and alloyed (excluding stainless and high-speed), t	83,9	84,2	92,9	17,9	13,8	10,4	109,2	97,3	100,2
Production of cold-rolled flat stock of non-alloyed steel (carbonic) and alloyed (excluding stainless and high-speed), 600 mm wide and more, t	41,0	43,5	43,4	296,3	215,4	208,9	120,1	103,5	104,6
Production of electrolytic zinc plated flat stock 600 mm and more of carbonic and alloyed steel, t	37,4	28,5	31,1	—	—	—	64,1	143,3	67,8
Production of freely crooked hot-rolled rods of alloyed steel (excluding stainless and high-speed), t	60,9	61,4	61,2	16,0	—	—	103,9	115,9	121,8
Production of other bars and rods (not crooked), angle bars and shaped sections and special hot rolled of non-alloyed (carbonic) and alloyed steel (excluding stainless and high-speed), t	98,6	100,0	100,6	26,3	53,3	52,0	129,0	129,8	123,6

MATERIAL AND ENERGY RESOURCES

Table 6.17 continued

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW-h		
	2010	2011	2012	2010	2011	2012	2010	2011	2012
Production of hot-rolled sections of non-alloyed (carbonic) steel not less than 80 mm high, t	99,3	95,1	87,1	50,2	49,0	51,7	98,1	82,8	83,8
Production of railway constructions made of iron for railway tracks, t	—	—	—	—	—	—	46,2	55,4	68,8
Production of pipes of large and small diameters, hollow sections made of foundry iron, t	82,9	82,0	32,4	—	—	—	119,7	360,0	1151,2
Output of large and small-diameter pipes, hollow profiles made of ferrous metals, t	145,6	112,7	123,6	148,2	148,8	145,8	247,2	225,8	227,5
Output of other rods and bars made of carbon steel, t	199,4	201,9	155,1	156,3	167,1	168,8	611,9	495,1	524,3
Output of angle bars and sections from non-alloyed (carbon) steel, bars and rolls cold-rolled from alloyed steel (excluding stainless), t	462,9	462,6	485,0	168,4	168,3	175,6	444,8	435,8	386,9
Production of steel wire, t	23,1	25,0	31,7	58,1	57,7	45,8	291,1	289,2	270,4
Output of ferroalloys, t	425,8	672,3	854,0	29,4	18,6	137,3	4263,5	4107,2	4197,6
Output of hard coal coke and char, t	125,3	112,5	114,5	273,1	266,4	281,7	60,2	58,1	59,4
Output of raw (green) or unrefined sulphur (including extracted sulphur), t	520,4	597,5	282,7	1436,7	2045,7	1440,7	514,2	642,6	451,8
Output of sublimated or precipitated sulphur, colloidal sulphur, t	—	—	—	710,1	710,0	710,3	202,2	201,8	201,7
Output of synthetic ammonia, t	—	—	—	327,4	280,1	309,5	284,0	242,9	245,3
Output of sulphuric acid, t	2,0	1,7	2,5	83,1	83,2	107,2	111,0	111,0	105,6
Output of soda ash (caustic ash), t	—	—	—	2079,0	2079,7	2054,9	174,7	175,1	176,4
Output of sodium hydroxide (caustic soda), t	—	—	—	3429,4	1944,1	2028,8	3292,6	2816,5	2870,5
Output of mineral or chemical nitrogen fertilisers, t	131,6	112,8	105,1	1249,1	1068,1	753,2	424,2	378,5	312,0
Output of mineral or chemical phosphatic fertilisers, t	222,9	225,1	244,0	454,1	367,1	361,5	383,1	404,2	461,8
Output of synthetic fibers, t	—	392,9	424,2	22445,1	17123,8	15315,8	2831,5	2128,8	1852,0
Output of portland cement, aluminous, permetalurgical, clinker, and similar hydraulic cement, t	50,8	82,6	57,5	—	—	—	107,9	111,4	106,6
Output of quick lime, t	180,2	185,0	184,0	4,6	3,8	2,1	40,4	42,6	44,0
Output of construction ceramic non-fireproof bricks, thsd.pcs of conventional bricks	182,8	186,0	185,7	—	—	—	112,1	103,2	102,9

MATERIAL AND ENERGY RESOURCES

Table 6.17 continued

	Conventional fuel, kg			Thermal power, Mcal			Electric energy, kW·h		
	2010	2011	2012	2010	2011	2012	2010	2011	2012
Output of silicate bricks, thsd.pcs of conventional bricks	—	—	—	323,2	316,2	306,3	57,9	54,3	50,8
Output of cast, rolled, blown or stretched, sheet or sectioned glass not processed through other method, sq.m	6,5	7,0	2,8	—	—	—	2,9	3,3	1,3
Output of cotton textiles, thsd.sq.m	77,6	82,4	75,0	1136,5	1226,5	1213,3	1316,3	1367,3	1245,5
Output of knitted hosiery produced by machines or handmade, thsd. pairs	65,2	55,8	31,6	411,5	358,0	375,4	334,1	310,1	298,5
Output of leather footwear, thsd. pairs	—	—	—	761,6	609,2	613,8	1476,4	1376,9	1282,3
Output of bakery, t	100,8	95,9	93,0	298,8	280,3	269,4	107,2	107,9	107,9
Output of gingerbreads and similar products, sweet biscuits and waffles, t	87,6	85,3	87,7	237,8	188,4	188,9	219,1	215,0	225,6
Output of dried flatbread, rusk, toast bread and similar products, t	160,5	152,0	129,3	404,3	310,0	239,6	268,9	274,6	268,1
Output of cakes, confectionery products, other bakery products with sweeteners, t	140,9	139,1	133,6	396,8	390,8	270,8	364,4	382,8	382,5
Output of ready-made and canned meat products, offals based on meat or animal blood, extracts and juices made of meat, fish and water spineless species, t	—	—	—	425,4	573,0	419,6	255,5	322,7	281,2
Output of butter, t	—	—	—	2058,9	1981,3	1910,5	213,6	239,0	232,3
Output of natural canned vegetables, t	242,4	215,0	123,6	1047,0	1053,6	1000,0	137,0	133,2	147,8
Output of ready-made and canned fruit products, t	132,7	121,7	260,2	563,1	792,9	728,2	101,7	121,9	106,8
Output of non-denaturized ethyl alcohol with at least 80% of turns, dal	—	—	—	44,4	45,2	42,4	2,1	2,2	2,2
Activity of pipeline transport in transporting crude oil and oil products, thsd.tkm	—	—	—	—	—	—	9,5	13,0	13,9
Activity of pipeline transport in transporting gas, mln.cub.m·km	22,4	21,2	19,2	2,3	2,3	2,7	6,7	7,4	7,2
Services rendered by transport infrastructure for railway transport, 10 thsd.tkm (gross)	—	—	—	—	—	—	23,8	21,2	20,7

7. INDUSTRY

Industrial production index is compiled in line with international standards. 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 (the base year is 2007). The index does not include the activity on distribution of gas, heat energy, water, waste and scrap management and publishing.

Index of the previous year is defined as a ratio of the sum of monthly indices for a certain year (over the average monthly value of base year) over the corresponding sum for the previous year.

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 in physical terms is shown as a rule as gross production, i.e. together with production meant for the further processing within one enterprises.

Since 2003, information about industrial is presented by *Nomenclature of Industrial Products* (NIP) which has been harmonized with *Classification of Types of Economic Activities* (NACE), *Ukrainian Classification of Commodities in Foreign Trade*, *Classification of Products by Type of Economic Activity of the European Union* (CPA, 2002). Since NIP differs considerably from the Nomenclature used before its implementation, retrospective data are only given for selected products, where the indicators' components match each other or could be made consistent.

7.1. Industrial production in the economy

(percent)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Share of gross industrial value added in total value added	36,0	34,6	31,4	30,9	31,7	31,2	30,1	26,9	27,2	26,7	26,6 ¹
Industrial products in total output (at basic prices)	50,7	47,4	47,0	47,8	46,5	45,3	44,5	40,5	43,2	43,9	...

¹ Preliminary data

INDUSTRY

7.2. Industrial production indices, by type of activity

(percent of the previous year)

	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Industry	114,2	115,8	112,5	103,1	106,2	107,6	94,8	78,1	111,2	107,6	98,2
Mining	103,3	105,5	104,1	104,4	105,8	102,6	95,7	89,4	103,7	107,2	101,9
mining of fuel and energy minerals	104,8	103,6	101,9	103,1	103,3	97,4	100,3	94,3	96,9	108,4	103,5
coal lignite and peat mining	105,3	101,9	100,2	103,0	102,8	95,4	101,1	92,4	99,3	113,9	104,3
hydrocarbons extraction and associated services	102,1	107,3	105,7	103,8	105,2	101,6	98,3	97,4	91,7	97,5	101,0
mining operations apart from fuel and energy materials	100,2	109,1	107,6	105,7	109,5	109,6	90,1	82,8	114,3	105,7	99,7
iron ore mining	98,4	107,0	106,3	106,2	109,4	106,1	90,0	88,2	114,8	102,3	101,3
Manufacturing	117,2	118,2	114,6	103,0	106,3	109,9	94,0	73,5	113,9	108,2	96,3
including											
production of foodstuffs, beverages and tobacco products	118,2	120,0	112,4	113,7	110,0	107,5	97,9	94,0	103,2	99,4	101,6
production of foodstuffs, beverages	117,5	120,1	112,2	113,3	110,1	107,8	97,7	94,7	104,5	100,0	101,8
production tobacco products	128,4	118,3	115,0	118,2	109,5	104,9	99,5	87,4	89,6	93,4	98,5
light industry	113,8	104,0	113,6	100,3	98,1	97,4	89,4	74,2	108,9	107,7	94,5
textile industry; sewing of clothes, fur and fur articles	114,7	102,9	114,0	102,6	95,2	97,0	88,2	72,0	109,5	108,6	97,1
textile industry	111,5	108,6	119,2	108,7	97,8	112,4	92,1	72,6	116,9	110,6	102,7
sewing of clothes; fur and fur articles	116,3	101,0	112,1	100,2	94,1	89,7	85,8	71,6	104,7	107,1	93,0
production of leather, leather articles and other materials	110,3	107,5	112,5	91,9	110,3	99,4	95,8	84,1	106,6	104,0	83,6
wood working and production of wood products apart from furniture	128,0	123,6	125,5	119,5	113,9	112,4	97,6	75,4	109,6	109,7	98,2
cellulose and paper industry; printing	118,2	125,7	125,9	112,7	110,3	111,6	100,1	81,3	102,8	99,1	104,5
production of paper and paper-board	116,8	123,0	118,8	113,7	107,2	113,8	98,3	91,0	110,8	103,8	101,9
production of coke and refined petroleum products	154,3	108,7	103,4	86,6	87,9	102,1	86,6	96,6	99,8	91,5	73,6
chemical and petrochemical industry	110,6	116,8	114,4	109,8	103,2	108,4	91,4	77,0	122,5	114,4	107,3
production of chemicals	107,9	116,0	111,0	107,8	100,9	106,8	89,2	77,3	126,6	118,4	108,2
production of rubber and plastic products	124,7	120,7	128,8	117,6	111,1	114,5	99,1	76,3	110,1	100,6	103,4
production of other non-metallic mineral products	111,4	117,9	119,3	114,3	112,8	111,9	97,2	61,5	108,5	112,4	94,2
metallurgy and production of finished metal products	104,9	114,3	112,0	98,5	108,9	107,0	87,7	73,3	112,2	108,9	94,8
metallurgy production	104,5	113,5	111,0	97,7	108,7	106,5	86,6	74,8	111,8	108,1	94,2
production of finished metal products	120,8	133,6	131,1	115,7	113,9	112,1	96,7	61,4	116,2	116,4	100,4
engineering	118,8	135,8	128,0	107,1	111,8	119,0	100,3	55,1	136,1	117,2	94,0
manufacture of machinery and equipment	118,6	121,4	118,9	112,2	102,9	103,0	98,2	62,4	121,1	112,5	90,0
manufacture of electrical, electronic and optical equipment	115,2	119,2	149,3	90,8	110,7	129,1	93,2	71,8	124,2	114,7	88,4
manufacture of transport vehicles and equipment	122,0	162,1	124,6	112,4	119,1	130,0	105,7	42,1	161,9	122,6	100,1
manufacture of cars, trailers and semitrailers	114,6	219,2	163,3	122,8	136,6	142,5	107,4	19,2	123,8	121,5	79,8
manufacture of other transport vehicles	124,1	145,1	106,8	104,4	105,0	121,2	104,3	61,3	172,0	122,9	103,8
Production and distribution of electricity, gas and water	102,6	104,7	98,9	102,9	106,7	102,3	98,2	88,9	109,5	105,3	102,8

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7.3. Industrial production indices, by region

(percent of the previous year)

	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	114,2	115,8	112,5	103,1	106,2	107,6	94,8	78,1	111,2	107,6	98,2
Autonomous Republic of Crimea	108,8	118,9	128,2	113,8	102,7	112,3	103,1	82,7	110,5	104,3	98,7
oblasts											
Vinnitsya	109,0	111,6	111,7	113,1	106,0	108,7	99,3	83,6	106,5	100,0	107,1
Volyn	121,3	122,2	122,5	121,9	119,2	143,7	89,7	51,7	126,7	112,6	94,5
Dnipropetrovsk	108,6	109,7	110,3	107,4	108,4	106,6	91,4	79,0	116,1	105,4	102,2
Donetsk	106,1	119,4	112,5	92,1	106,1	107,7	92,2	78,2	114,7	113,6	94,6
Zhytomyr	114,3	122,0	118,5	113,1	105,1	109,1	106,3	79,3	108,2	125,3	116,6
Zakarpattia	121,6	144,3	127,4	107,7	127,2	120,4	102,6	50,7	142,9	101,8	101,4
Zaporizhzhya	102,4	120,5	118,7	103,7	109,5	118,5	97,8	69,3	107,8	106,3	96,8
Ivano-Frankivsk	124,5	127,7	110,9	104,8	91,0	95,9	78,5	77,4	100,2	125,7	101,2
Kyiv	110,4	116,8	116,4	117,6	113,9	108,2	104,5	83,0	108,0	110,6	96,8
Kirovohrad	114,4	124,3	133,8	110,5	111,6	109,7	104,2	78,3	113,3	111,0	107,5
Luhansk	130,3	111,8	110,8	101,6	101,7	116,0	94,1	80,1	107,1	115,8	92,5
Lviv	143,2	114,1	109,2	93,2	108,5	112,9	100,8	80,1	100,9	112,8	101,6
Mykolayiv	110,1	111,6	115,1	107,1	106,4	107,9	100,4	85,5	110,3	104,2	99,5
Odesa	130,2	118,0	97,0	99,5	90,7	116,5	127,6	78,2	102,9	83,6	96,9
Poltava	132,8	109,3	110,1	97,6	106,5	103,2	85,9	84,3	112,6	99,6	100,0
Rivne	110,0	120,8	114,6	113,2	108,9	112,2	98,8	69,2	129,6	107,6	96,7
Sumy	107,3	117,1	107,6	113,5	104,0	108,0	105,8	82,9	93,5	107,7	95,6
Ternopil	119,2	134,6	101,7	109,0	118,3	108,7	110,4	84,8	102,5	112,4	102,1
Kharkiv	116,7	110,8	116,1	112,5	105,9	109,6	103,6	79,7	105,8	105,5	97,6
Kherson	124,5	116,3	97,7	88,1	81,2	109,4	101,2	91,6	100,5	93,1	104,7
Khmelnyskiy	110,8	113,8	113,1	118,6	113,0	114,5	99,4	76,4	104,9	109,2	101,2
Cherkasy	111,9	128,3	111,5	113,6	103,7	124,8	133,0	70,5	117,1	103,4	94,9
Chernivtsi	112,1	126,9	106,1	109,6	107,7	121,3	104,0	74,6	111,9	89,6	86,8
Chernihiv	113,0	110,4	109,9	111,1	103,0	105,8	100,0	83,6	99,8	98,0	98,1
cities											
Kyiv	118,2	114,5	118,6	115,4	110,5	108,7	98,5	71,0	104,1	102,0	95,9
Sevastopol	114,3	107,7	125,8	116,8	135,7	106,4	96,5	73,8	114,4	110,4	95,0

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

(percent of the previous year)

	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Production of foodstuffs, beverages and tobacco products	118,2	120,0	112,4	113,7	110,0	107,5	97,9	94,0	103,2	99,4	101,6
Production of foodstuffs, beverages including	117,5	120,1	112,2	113,3	110,1	107,8	97,7	94,7	104,5	100,0	101,8
output of meat and meat products	89,2	126,1	115,3	111,6	113,6	119,4	96,2	88,6	106,8	105,2	102,5
processing and preserving vegetables and fruit	127,3	139,3	120,3	129,8	111,8	121,2	97,5	84,1	94,4	110,4	110,5
output of oil and fats	97,2	132,8	109,1	107,9	125,3	109,9	89,7	130,1	107,5	104,5	114,0
output of dairy products and ice-cream	134,9	113,6	120,7	115,6	93,5	107,8	93,2	90,1	98,3	93,3	103,2
output of products by flour-milling and groats industry, starch and starch products output	106,0	105,1	116,3	95,3	94,2	109,8	107,1	92,8	96,1	99,6	102,4
output of other foodstuffs of which	118,9	120,8	103,3	107,4	113,6	95,7	98,3	91,7	107,9	105,8	97,6
output of bread and bread products	103,0	107,2	105,7	103,0	100,6	97,3	98,5	90,7	100,3	99,7	96,0
output of crackies, cookies, pies and cakes of long storage	117,7	124,1	126,1	118,4	124,0	105,9	104,4	90,8	107,1	100,7	102,9
output of cocoa, chocolate and sugar-based confectionery	115,8	111,9	112,5	111,2	100,7	109,0	102,6	97,7	104,0	96,5	103,0
output of beverages	123,3	118,0	115,7	124,0	109,6	113,3	100,4	92,7	104,8	90,8	98,0
Production of tobacco products	128,4	118,3	115,0	118,2	109,5	104,9	99,5	87,4	89,6	93,4	98,5

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

(percent of the previous year)

	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Production of coke and refined petroleum products	154,3	108,7	103,4	86,6	87,9	102,1	86,6	96,6	99,8	91,5	73,6
including											
output of coke	102,7	115,7	107,1	87,5	99,8	106,8	94,9	89,2	106,8	105,3	96,5
output of refined petroleum products	179,6	106,7	101,8	85,6	82,2	99,7	81,9	101,3	95,9	82,8	55,3

7.6. Industrial production indices for chemicals and petrochemicals, by type of activity

(percent of the previous year)

	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Chemical and petrochemical industry	110,6	116,8	114,4	109,8	103,2	108,4	91,4	77,0	122,5	114,4	107,3
Chemical production	107,9	116,0	111,0	107,8	100,9	106,8	89,2	77,3	126,6	118,4	108,2
including											
output of basic chemistry	106,2	119,2	110,0	104,5	101,7	106,3	86,5	67,7	127,4	130,4	92,4
paints and varnish output	112,7	122,0	110,7	118,0	85,4	112,0	92,7	78,8	105,9	101,3	96,9
pharmaceutical output	114,3	112,1	113,7	117,7	106,5	106,4	91,0	101,9	134,8	100,3	108,2
output of soap and detergents, cleaning and polishing agents, perfumes and cosmetics	112,0	110,7	125,8	118,8	103,1	102,3	97,3	100,8	109,3	102,6	108,9
Output of rubber and plastic products	124,7	120,7	128,8	117,6	111,1	114,5	99,1	76,3	110,1	100,6	103,4
output of rubber products	113,1	106,6	122,5	110,7	100,8	90,3	84,5	64,7	108,5	71,9	94,7
output of plastic products	145,9	131,5	132,2	121,0	115,8	129,1	105,2	80,2	110,6	108,2	105,0

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

(percent of the previous year)

	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Engineering	118,8	135,8	128,0	107,1	111,8	119,0	100,3	55,1	136,1	117,2	94,0
Output of machines and equipment	118,6	121,4	118,9	112,2	102,9	103,0	98,2	62,4	121,1	112,5	90,0
including											
output of mechanical appliances	112,9	123,1	114,6	113,6	101,2	100,7	95,4	78,5	117,1	105,2	97,3
production of machines and equipment for general purpose	125,5	131,8	134,9	122,2	120,9	103,1	98,2	61,2	110,4	122,2	94,0
output of machinery for agriculture and forestry	107,5	103,3	123,6	110,8	82,9	100,4	118,9	55,1	166,6	117,9	67,1
output of engineering tools	101,5	116,0	114,4	110,7	90,1	115,5	89,3	53,1	105,4	111,3	95,0
output of other special-purpose machines and equipment	126,5	122,5	119,4	106,2	108,0	109,7	92,3	51,9	129,5	114,8	89,9
of which											
output of machines and equipment for metallurgy	145,4	118,7	113,8	130,4	117,8	124,4	88,4	48,8	133,1	89,3	102,0
output of machines and equipment for mining and construction	118,1	127,6	123,8	91,6	98,7	115,0	94,8	51,8	139,2	126,3	95,2
output of machines and equipment for processing of agricultural products	102,8	116,4	136,4	102,8	114,0	97,2	94,2	70,6	118,9	112,5	97,7
output of household appliances	124,7	137,1	121,0	122,1	104,1	107,2	87,0	69,6	113,2	111,7	87,8
Output of electrical, electronic and optical equipment	115,2	119,2	149,3	90,8	110,7	129,1	93,2	71,8	124,2	114,7	88,4
output of office and computing equipment	86,9	128,3	143,0	129,8	96,9	68,2	116,2	53,7	96,4	200,5	99,9
output of electric machines and equipment	113,4	118,1	161,6	85,1	111,6	155,9	91,9	75,7	126,3	111,5	86,3
output of appliances for radio, television and communications	134,6	127,2	109,8	129,5	93,0	105,9	77,4	76,2	117,9	139,4	76,5
output of medical machines, measurement appliances, optical devices and equipment, clocks and watches	114,3	115,8	125,1	91,5	116,9	103,1	100,6	62,9	125,8	100,2	100,6
Output of transportation carriers and equipment	122,0	162,1	124,6	112,4	119,1	130,0	105,7	42,1	161,9	122,6	100,1
output of cars, trailers and semitrailers	114,6	219,2	163,3	122,8	136,6	142,5	107,4	19,2	123,8	121,5	79,8
output of other transportations carriers	124,1	145,1	106,8	104,4	105,0	121,2	104,3	61,3	172,0	122,9	103,8
of which											
output of a railway rolling stock	121,2	172,2	106,7	102,4	97,1	134,4	108,6	47,8	235,5	128,4	103,5

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7.8. Capacity of electric power plants and output of electricity

	Total power plants		Including					
			water-power plants		thermal plants		nuclear plants	
	capacity, mln.kW	power output, bln.kW·h	capacity, mln.kW	power output, bln.kW·h	capacity, mln.kW	power output, bln.kW·h	capacity, mln.kW	power output, bln.kW·h
1913	0,3	0,5	2 thsd.kW	3 mln.kW·h	0,3	0,5	—	—
1940	2,7	12,4	0,6	2,2	2,1	10,2	—	—
1950	3,3	14,7	0,7	2,5	2,6	12,2	—	—
1955	6,5	30,1	0,9	3,2	5,6	26,9	—	—
1960	11,7	53,9	1,8	4,0	9,9	49,9	—	—
1965	18,9	94,6	2,2	6,3	16,7	88,3	—	—
1970	27,9	137,6	2,5	11,6	25,4	126,0	—	—
1975	38,2	194,6	3,8	9,7	34,4	184,9	—	—
1980	43,9	236,0	4,0	13,4	37,5	208,4	2,4	14,2
1985	51,1	272,0	4,7	10,7	37,5	208,0	8,9	53,3
1990	55,6	298,5	4,7	10,7	37,1	211,6	13,8	76,2
1995	53,9	194,0	4,7	10,2	36,6	113,3	12,6	70,5
2000	52,9	171,4	4,7	11,5	36,3	82,6	11,8	77,3
2001	52,8	173,0	4,7	12,2	36,3	84,6	11,8	76,2
2002	52,9	173,7	4,8	9,8	36,2	85,9	11,8	78,0
2003	52,7	180,4	4,8	9,4	36,0	89,5	11,8	81,4
2004	52,9	182,2	4,8	11,9	35,2	83,2	12,8	87,0
2005	52,6	186,1	4,7	12,5	34,9	84,7	12,8	88,8
2006	53,8	193,4	4,9	13,0	35,0	90,1	13,8	90,2
2007	54,0	196,3	5,1	10,3	35,0	93,4	13,8	92,5
2008	54,0	192,6	5,1	11,5	35,0	91,2	13,8	89,8
2009	54,4	173,6	5,4	11,9	35,0	78,7	13,8	82,9
2010	54,6	188,8	5,5	13,2	35,2	86,5	13,8	89,2
2011	54,6	194,9	5,5	10,9	35,0	93,6	13,8	90,2
2012	55,0	198,9	5,5	11,0	35,1	97,1	13,8	90,1

7.9. Output of selected types of products by mining industry

(mln.t)

	Ready coal ¹	Non-agglomerated fuel peat (conventional moisture)	Oil (including gas condensate)	Natural gas, bln.cub.m	Non-agglomerated iron-ore concentrates
1990	...	1,6	5,3	28,1	77,9
1995	...	1,1	4,1	18,2	38,3
2000	62,4	0,4	3,7	17,9	42,6
2001	61,7	0,3	3,7	18,4	41,4
2002	59,5	0,5	3,7	18,7	44,7
2003	59,8	0,6	3,9	19,3	47,6
2004	59,4	0,5	4,3	20,5	50,5
2005	60,4	0,6	4,4	20,8	53,2
2006	61,7	0,5	4,5	21,1	57,1
2007	58,9	0,4	4,5	21,1	60,9
2008	59,5	0,4	4,3	21,4	56,9
2009	55,0	0,4	4,0	21,5	54,8
2010	55,0	0,4	3,6	20,5	64,3
2011	62,7	0,5	3,4	20,7	66,5
2012	65,5	0,4	3,3	20,5	67,1

¹ The recording started since 1996 (it includes enrichment product and ordinary coal shipped to customers without enrichment)

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7.10. Output of selected types of products by foodstuffs, beverages and light industry

(thsd.t)

	Cheese with high fat content	Flour	Granulated sugar		Wine "Champagne" 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
1995	73,5	5319	3894	3500	4,8	71,0	37,0	281
2000	67,5	3076	1780	1552	3,4	108	67,4	5189
2001	105	2984	1947	1657	3,5	131	85,3	4657
2002	129	2986	1621	1428	3,5	150	114	3873
2003	173	2827	2486	1456	3,3	170	125	4173
2004	224	2949	2147	1788	4,0	194	140	5099
2005	274	2944	2139	1900	4,4	238	169	5631
2006	217	2696	2592	2574	4,5	268	176	6219
2007	246	2908	1867	1867	4,5	316	196	7733
2008	236	3030	1571	1571	4,0	320	173	7105
2009	224	2734	1275	1271	4,2	300	147	4731
2010	207	2632	1805	1546	4,2	310	148	5917
2011	178	2595	2586	2327	3,7	306	145	7615
2012	168	2603	2143	2143	3,3	299	145	8237

¹ Prior to 2002 (inclusive), including sparkling wines

7.11. Output of selected types of products by wood and cellulose and paper industry

	Plywood ¹ , thsd.cub.m	Paper for household and sanitary-hygienic use, thsd.t	Wallpaper and similar coverings, mln. conventional pcs
1990	169	56,6	55,9
1995	37,9	27,3	32,8
2000	56,3	57,2	96,8
2001	79,9	74,7	116
2002	102	82,9	103
2003	114	93,4	128
2004	145	107	153
2005	173	111	165
2006	164	112	160
2007	178	122	170
2008	171	125	178
2009	109	120	163
2010	145	126	180
2011	169	131	187
2012	167	138	189

¹ Since 2003, excluding bent and glued articles, back-rests and bottoms for furniture

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7.12. Output of selected types of refined petroleum products

(mln.t)

	Primary oil processing	Petrol for motor vehicles with 0,013 hectolitre of lead content and less	Diesel fuel for motor vehicles and rail	Oil asphalt and shore bitumen
1990	59,0	8,4	12,7	2,5
1995	16,9	3,0	4,3	0,6
2000	9,1	2,1	2,7	0,2
2001	16,1	3,9	4,6	0,3
2002	20,2	4,6	5,8	0,2
2003	21,9	4,3	6,3	0,4
2004	22,0	5,0	6,3	0,4
2005	18,4	4,6	5,3	0,4
2006	14,4	3,9	4,3	0,5
2007	13,9	4,2	4,1	0,6
2008	10,3	3,2	3,7	0,4
2009	10,8	3,3	3,9	0,3
2010	10,9	2,9	3,7	0,5
2011	8,8	2,8	2,7	0,3
2012	4,3	1,6	1,4	0,2

7.13. Output of selected types of chemical and petrochemical industry

(thsd.t)

	Sulphuric acid	Sodium hydroxide (soda caustic)	Nitric mineral or chemical fertilizers	Tyres for trucks and buses, air transport, thsd.pcs
1990	5011	445	3022	3479
1995	1593	213	1871	1089
2000	1036	134	2202	... ¹
2001	1040	134	2153	754
2002	935	133	2311	720
2003	1133	160	2470	... ¹
2004	1425	210	2407	901
2005	1606	209	2633	1053
2006	1493	183	2566	866
2007	1657	135	2840	824
2008	1479	87,8	2689	662
2009	890	77,9	2166	301
2010	1296	85,6	2285	225
2011	1537	159	2940	81,7
2012	1369	131	2935	106

¹ According to Ukraine's Law *On State Statistics*, information is confidential

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7.14. Output of selected types of metallurgy industry

(mln.t)

	Cast iron	Steel without semi-finished products produced through continuous casting	Semi-finished products produced through continuous casting	Pipes of large and small diameters, hollow sections made of ferrous metals ¹
1990	44,9	48,5	4,1	6,5
1995	18,0	18,7	3,6	1,6
2000	25,7	25,8	6,0	1,7
2001	26,4	27,1	6,4	1,7
2002	27,6	27,4	7,2	1,5
2003	29,5	28,9	8,7	2,1
2004	31,0	28,9	10,5	2,1
2005	30,7	27,9	11,4	2,4
2006	32,9	27,9	13,7	2,8
2007	35,6	29,0	14,7	2,8
2008	31,0	23,3	14,8	2,5
2009	25,7	15,7	14,6	1,7
2010	27,4	17,5	15,8	2,0
2011	28,9	17,6	17,8	2,4
2012	28,5	17,1	16,4	2,2

¹ Prior to 2002 (inclusive), excluding hollow sections made of ferrous metals

7.15. Output of selected types of engineering

(thsd.pcs)

	Tractors for agriculture and forestry	Seeding machines	Washing machines	Domestic vacuum cleaners	Electric lamps, mln.pcs	TV sets	Motor cars	Buses	Truck cranes, pcs	Bicycles
1990	106	57,1	788	1073	411	3774	156	12,6	3698	1984
1995	10,4	1,5	213	285	195	315	58,7	2,2	585	127
2000	4,0	2,0	125	109	170	62,4	17,1	3,5	56	19,4
2001	3,6	3,8	166	112	233	148	26,2	2,4	80	118
2002	3,0	4,9	232	83,4	230	159	43,8	2,0	76	249
2003	4,6	8,0	251	66,4	219	415	98,3	2,6	126	281
2004	5,8	9,9	345	53,3	263	443	174	2,6	235	250
2005	5,5	11,3	322	37,5	254	651	192	4,7	382	312
2006	3,7	9,0	208	9,2	255	431	267	7,7	506	392
2007	5,3	7,1	173	1,2	240	507	380	9,1	812	373
2008	6,3	9,9	230	... ¹	203	558	402	10,2	699	381
2009	1,4	2,5	164	—	165	238	65,7	1,5	... ¹	162
2010	5,2	2,8	167	—	197	69,3	75,3	2,7	... ¹	111
2011	6,8	4,9	312	—	175	165	97,5	3,7	... ¹	164
2012	5,3	2,7	297	—	171	391	69,7	3,6	... ¹	138

¹ See the footnote to Table 7.13

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7.16. Output of industrial products, by type of activity

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Mining of fuel and energy minerals										
Coal available, mln.t	59,8	59,4	60,4	61,7	58,9	59,5	55,0	55,0	62,7	65,5
Non-agglomerated fuel peat (conventional moisture), mln.t	0,6	0,5	0,6	0,5	0,4	0,4	0,4	0,4	0,5	0,4
Crude oil, mln.t	2,8	3,0	3,1	3,3	3,3	3,2	2,9	2,6	2,4	2,3
Gas condensate, mln.t	1,1	1,3	1,2	1,2	1,1	1,1	1,1	1,0	0,9	1,1
Oil-related gas, bln.cub.m	0,7	0,8	0,9	1,0	0,9	0,9	0,7	0,7	0,7	0,7
Natural gas, bln.cub.m	18,6	19,6	19,9	20,1	20,2	20,6	20,8	19,9	19,9	19,8
Mining operations apart from fuel and energy materials										
Non-agglomerated iron-ore concentrates, mln.t	47,6	50,5	53,2	57,1	60,9	56,9	54,8	64,3	66,5	67,1
Agglomerated iron-ore concentrates, mln.t	58,9	63,1	65,0	68,3	72,1	63,7	55,7	61,6	64,4	64,6
Plaster and anhydrite, mln.t	0,8	1,2	1,4	1,5	2,3	2,6	2,0	2,1	2,3	2,2
Limestone, mln.t	20,4	23,2	25,1	27,8	30,0	26,7	18,0	20,6	22,8	20,6
Chalk, mln.t	1,3	1,6	4,4	5,0	5,6	5,6	0,3	0,5	1,9	0,4
Natural sands, mln.cub.m	7,2	8,1	10,7	12,8	15,2	15,6	7,8	9,0	11,5	11,0
Pebbles, gravel, macadam and crushed stone, mln.cub.m	34,5	39,3	37,8	45,8	60,2	62,6	40,9	47,9	56,0	58,7
Kaolin and other kaolinite clay, thsd.t	1176	1468	1566	1731	2172	1775	1119	1391	1932	1736
Salt and pure sodium chloride, thsd.t	3870	4432	4854	6006	5563	4441	5405	4929	5948	6181
Production of foodstuffs, beverages										
Fresh (fresh-killed) or cooled beef and veal, thsd.t	186	141	143	156	160	128	94,3	87,2	64,0	61,5
Frozen beef and veal, thsd.t	97,9	57,0	50,1	43,9	61,5	39,4	26,9	24,1	17,8	16,2
Fresh (fresh-killed) or cooled pork, thsd.t	80,2	74,1	81,4	130	179	157	130	164	202	190
Frozen pork, thsd.t	18,9	13,9	18,0	25,4	24,0	14,2	5,4	7,5	8,6	13,3
Fresh (fresh-killed) or cooled mutton, thsd.t	0,8	0,7	0,5	0,4	0,5	0,5	0,4	0,4	0,4	0,3
Frozen mutton, thsd.t	0,5	0,2	0,1	0,05	0,01	—	—	...	—	...
Fresh or cooled meat and edible offal of poultry, thsd.t	131	201	274	327	458	572	649	693	742	761
Frozen meat and edible offal of poultry, thsd.t	38,5	39,8	57,9	90,5	90,1	82,3	90,1	90,7	84,6	94,4
Sausages, thsd.t	271	332	309	301	330	335	272	283	292	294
Poultry products and cans, thsd.t	4,2	3,2	3,9	4,0	4,2	4,6	3,1	3,2	2,6	2,6
Pork products and cans, thsd.t	3,1	3,4	4,7	4,7	5,4	5,3	2,7	2,9	2,3	2,0
Beef and veal products and cans, thsd.t	10,4	10,4	17,8	12,8	11,1	10,6	5,2	3,9	3,0	3,1
Natural juice (including concentrated), thsd.t	322	300	363	377	547	474	364	376	382	452
Juice blended natural, thsd.t	77,1	171	246	319	467	446	346	373	330	309
Natural canned vegetables, thsd.t	92,9	102	150	158	101	140	147	118	154	125
Jams, fruit jellies, fruit or nut purées and pastes, thsd.t	70,5	61,2	93,9	80,7	84,7	92,2	62,2	56,9	59,4	65,1
Unrefined sunflower seed oil, thsd.t	1257	1343	1381	2078	2226	1863	2772	2990	3177	3799
Margarine and similar products, thsd.t	250	282	302	311	317	316	353	363	359	328
Processed skimmed milk, thsd.t	645	716	864	820	863	808	770	801	888	909
Cream fat content more than 8%, thsd.t	9,9	23,6	21,2	14,0	14,6	18,4	16,0	19,8	31,4	36,1
Butter, thsd.t	137 ²	116	120	104	100	84,8	74,7	79,5	76,7	88,6
Fat spreads and mixtures, thsd.t	...	53,0	80,3	71,1	83,8	81,8	73,1	65,9	60,7	54,6
Fresh unfermented cheese and sour milk curd, thsd.t	57,7	71,3	83,5	93,2	92,6	91,9	84,8	78,5	76,4	78,9
Cheese with high fat content, thsd.t	173	224	274	217	246	236	224	207	178	168
Sour milk products, thsd.t	427	467	499	524	532	532	492	479	474	489
Flour, thsd.t	2827	2949	2944	2696	2908	3030	2734	2632	2595	2603
Cereals, thsd.t	294	335	342	322	318	363	397	340	356	364
Bread and flour products, thsd.t	2335	2307	2264	2160	2034	1978	1828	1808	1763	1679

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Table 7.16 continued

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Cookies sweet and wafers, thsd.t	272	285	314	337	358	373	339	367	374	392
Granulated sugar, thsd.t	2486	2147	2139	2592	1867	1571	1275	1805	2586	2143
of which sugar beets	1456	1788	1900	2574	1867	1571	1271	1546	2327	2143
Chocolate and other cocoa products in briquettes, plates or bars, thsd.t	205	244	283	303	329	346	330	352	344	341
Sugar confectionery (including white chocolate) without cocoa content, thsd.t	293	310	285	241	256	250	266	252	230	215
Macaroni products without filling and heat processing, thsd.t	110	99,7	104	108	107	113	108	116	134	106
Natural mineral spring waters, mln.dal	6,5	7,7	14,8	15,7	30,5	35,4	28,5	31,4	33,6	38,8
Fizzy natural mineral waters, mln.dal	79,3	77,3	100	115	130	120	102	112	98,4	97,1
Soft drinks, mln.dal	125	140	169	176	196	173	147	148	145	145
Light industry										
Textiles, mln.sq.m	76,3	107,5	113,5	99,9	114,3	109,1	86,8	88,2	89,0	105,7
of which										
cotton	34,4	45,1	53,0	42,7	52,1	48,3	34,5	30,1	22,6	27,7
wool	5,2	8,3	8,3	8,1	7,0	6,6	4,0	5,8	5,6	6,1
linen	0,5	8,6	2,0	1,8	1,6	0,5	... ¹	... ¹	—	—
fleecy, terry and other special textiles	6,7	7,0	6,2	2,5	1,7	2,8	1,1	1,2	1,8	5,7
those made of chemical fibres	29,5	38,1	44,1	44,8	51,8	49,5	46,8	51,0	59,0	66,2
Bed linen, mln.pcs	10,5	11,1	12,0	13,3	16,1	12,4	9,2	11,5	11,2	10,3
Carpeting, thsd.sq.m	4173	5099	5631	6219	7733	7105	4731	5917	7615	8237
Nonwoven fabrics and nonwoven fabric articles, thsd.t	6,8	8,8	11,6	14,7	16,1	16,6	14,5	16,2	17,8	20,0
Man-made or machine-made knitted fabrics, thsd.t	5,3	6,3	5,9	5,7	4,7	3,0	2,8	3,9	4,8	4,5
Knitted hosiery produced by knitting machines or handmade, mln. pairs	43,3	51,4	55,5	53,8	60,3	61,7	59,5	76,8	90,0	83,0
Sweaters, jumpers, pullovers, waistcoats and similar knitted wear produced by knitting machines or handmade, mln.pcs	6,3	5,0	5,0	4,8	3,8	2,3	1,5	1,7	1,6	1,5
Knitted outerwear, mln.pcs	3,8	4,7	4,5	5,9	4,2	4,4	3,1	3,9	2,9	3,0
Knitted underwear, mln.pcs	18,8	25,6	26,9	30,7	31,2	22,7	16,8	22,5	28,8	27,6
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for men and boys, thsd.pcs	875	615	649	630	534	376	399	424	378	362
Coats, short coats, capes, raincoats, warm parkas or alaskas and similar products for women and girls, thsd.pcs	3277	3637	3346	2675	2541	2512	1783	1874	1742	1525
Suits for men and boys, thsd.pcs	1567	1860	1608	1344	1107	1000	632	515	593	486
Suits for women and girls, thsd.pcs	604	837	893	730	524	496	318	410	325	300
Warm anoraks (including ski), raincoats, windbreakers and similar products for men and boys, thsd.pcs	539	320	334	337	323	181	125	124	169	108
Windbreakers and similar products for women and girls, thsd.pcs	558	588	328	222	251	286	200	241	169	163
Jackets, blazers, pullovers and similar products for men and boys, thsd.pcs	1417	1615	1917	1815	1394	1081	782	878	806	837
Jackets, blazers, pullovers and similar products for women and girls, thsd.pcs	4123	4772	4644	4115	3725	2527	2036	1802	1912	1834
Gowns and sun-dresses for women and girls, thsd.pcs	1167	1209	1264	916	961	1046	1340	1293	1729	1696

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Table 7.16 continued

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Skirts and culottes for women and girls, thsd.pcs	3579	3409	2825	3042	1976	1594	1400	1159	1270	1046
Shirts for men and boys, thsd.pcs	3187	2792	2663	2626	2518	2165	1413	1528	1608	1432
Blouses, tunics, chemises for women and girls, thsd.pcs	6825	5289	4583	4280	4006	3588	2939	3284	3244	2309
Suitcases, traveling bags, bags for cosmetics and toiletry, carrier bags, bags for men and the young, soft covers for clothes, brief cases, satchels and other, thsd.pcs	3683	5211	4069	4193	4817	5131	4717	1977	4477	3273
Ladies' bags from different materials, thsd.pcs	939	879	771	566	1390	1480	1169	641	753	347
Belts, ammunition belts and other leather products, thsd.pcs	1,0	20,4	52,2	21,4	45,1	36,6	28,5
Footwear, mln. pairs	20,3	21,7	20,5	21,2	22,5	22,2	20,4	25,7	28,2	28,3
Wood working and production of wood products apart from furniture										
Wood, sawn or chipped lengthwise, of a thickness more than 6 mm, mln.cub.m	2,2	2,4	2,4	2,4	2,5	2,3	1,8	1,7	1,9	1,8
Non-coniferous wood blocks, strips and friezes for parquet or wood block flooring, continuously shaped, unassembled, thsd.sq.m	1171	1781	2338	2306	2735	3997	3367	3634	3765	3619
Plywood, thsd.cub.m	114	145	173	164	178	171	109	145	169	167
Unprocessed particleboard, thsd. conventional cub.m	732	975	1150	1329	1641	1622	1295	1471	1642	1626
Peeled veneer, thsd.cub.m	43,5	53,6	52,7	51,9	57,6	43,8	29,6	38,8	48,6	45,3
Planed veneer, mln.sq.m	14,2	21,7	23,8	26,3	37,5	31,9	30,0	32,0	33,1	35,7
Windows, doors, their frames and thresholds, of wood, mln.sq.m	1,1	1,5	2,4	3,1	3,7	3,8	2,2	2,5	2,9	2,6
Panel parquet, thsd.sq.m	355	400	418	567	676	637	537	495	629	496
Cellulose and paper industry; printing										
Uncoated paper and cardboard for graphic purposes, thsd.t	25,9	39,3	44,0	47,0	46,4	39,1	29,2	35,3	33,4	17,8
Paper for household, sanitary and hygiene purposes, thsd.t	93,4	107	111	112	122	125	120	126	131	138
Special uncoated paper and cardboard, cigarette paper not cut by size, thsd.t	249	287	318	318	385	388	363	431	497	504
Boxes, cabinets and bags from crinkled paper and cardboard, mln.sq.m	437	548	657	742	857	856	783	867	875	907
Boxes, cabinets and bags from noncrinkled paper and cardboard, thsd.t	75,2	72,1	84,3	79,4	85,5	91,2	73,6	77,6	81,9	84,6
Wallpaper and similar coverings from paper, mln. conventional pcs	128	153	165	160	170	178	163	180	187	189
Exercise-books, mln.pcs	358	369	490	687	841	663	344	423	385	366
Printing newspapers, magazines, and periodicals published 4 times per week, mln. copies of 4 columns newspapers, A2 format	759	875	907	1369	1715	1537	755	708	643	376
Printing books, mln. copies, 60×90 cm format	1215	1407	1621	1887	1866	2550	2072	1597	4070	2096
Printing newspapers published less than 4 times per week, mln. copies of 4 columns newspapers, A2 format	2852	3676	3677	4175	4018	4249	3421	3366	3256	3485
Printing magazines and periodicals published less than 4 times per week, mln. copies, 60×90 cm format	2035	2954	1335	1585	1908	1819	1363	1210	1908	1518

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Table 7.16 continued

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Production of coke, refined petroleum products										
Coke-oven coke of coking coal, mln.t	20,8	22,0	18,9	19,2	20,6	19,5	17,4	18,6	19,6	18,9
Coal-tar pitch, thsd.t	1015	1029	876	910	934	881	785	845	878	849
Primary oil processing, mln.t	21,9	22,0	18,4	14,4	13,9	10,3	10,8	10,9	8,8	4,3
Petrol for motor vehicles with 0,013 g/L of lead content and less, mln.t	4,3	5,0	4,6	3,9	4,2	3,2	3,3	2,9	2,8	1,6
Diesel fuel for motor vehicles and rail, mln.t	6,3	6,3	5,3	4,3	4,1	3,7	3,9	3,7	2,7	1,4
Heavy fuel oil, mln.t	8,0	7,8	5,9	3,8	3,5	2,5	2,6	2,5	2,2	0,8
Lubrications, other oils, thsd.t	180	214	176	210	214	188	110	119	102	101
Liquefied propane and butane, thsd.t	722	754	766	758	824	727	733	679	665	563
Oil paraffin, thsd.t	15,7	13,9	11,0	13,0	12,2	12,2	... ¹	14,3	13,2	... ¹
Oil asphalt and shore bitumen, thsd.t	386	395	448	512	577	448	349	473	324	178
Chemical and petrochemical industry										
Synthetic paints, t	4954	5717	1708	2773	4599	4713	5144	3762	5490	6360
Metalloids, thsd.t	151	178	206	184	192	165	106	124	128	116
Sulphuric acid, thsd.t	1133	1425	1606	1493	1657	1479	890	1295	1537	1369
Sodium hydroxide (soda caustic), thsd.t	160	210	209	183	135	87,8	77,9	85,6	159	131
Synthetic ammonia, thsd.t	4775	4779	5214	5147	5139	4890	3033	4163	5262	5049
Nitric mineral or chemical fertilisers, thsd.t	2470	2407	2633	2566	2840	2689	2166	2285	2940	2935
Potassium mineral or chemical fertilisers, thsd.t	... ¹	8,7	11,0	6,4	7,4	14,3	4,4	... ¹	4,4	... ¹
Plastics in original forms, thsd.t	319	394	411	476	538	464	327	365	587	520
Polymer based paints and varnishes dissolved in water, thsd.t	38,3	46,1	58,0	62,6	79,9	90,5	73,8	77,9	79,2	86,2
Polymer-based paints and varnishes dispersed or made soluble in nonwater medium, thsd.t	134	150	164	155	168	145	114	120	109	102
Antibiotics-based medicines, t	1324	1350	1331	805	863	797	857	1014	955	939
Hormone-based medicines, t	77,2	90,3	105	89,1	122	115	98,7	121	106	114
Other medicines (alkaloid-based with vitamins or provitamins, etc), thsd.t	25,2	30,3	32,2	33,8	36,3	35,0	37,7	40,4	40,1	43,4
Immunized sera and other blood fractions, t	15,4	17,0	15,1	14,1	16,0	17,2	16,0	28,6	23,5	20,3
Contrast preparations for X-ray researches, diagnostic reagents, etc, t	13,8	20,2	21,2	21,9	27,5	28,0	27,7	36,6	36,2	49,1
Soaps and active organic preparations to be used as soaps, thsd.t	66,9	62,0	60,1	54,6	53,8	52,8	52,6	59,1	54,2	55,8
Preparations for cleaning surfaces sold through retail, t	2271	2310	2338	1441	2680	2479	2703	3138	3390	2808
Detergents and cleansers for retail, thsd.t	144	161	176	184	195	196	189	208	224	261
Lustre preparations, t	2348	1877	1147	1686	1662	1651	1141	1462	1172	1173
Tooth pastes and tooth powders, t	522	675	390	327	335	278	383	358	221	251
Chemical fibres, thsd.t	30,7	36,6	40,1	39,9	40,3	34,8	15,7	15,6	13,7	14,0
Tyres, total, thsd.pcs	6569	7579	7094	6590	5220	5043	3551	3901	3586	3444
of which										
for trucks and buses, air transport	... ¹	901	1053	866	824	662	301	225	81,7	106
for agricultural, forestry machinery and other equipment	... ¹	483	509	465	406	... ¹	... ¹	... ¹	... ¹	... ¹
Tubes, pipes, hoses and hard fittings made of polymers of ethylene, propylene, vinyl chloride and other types of plastics, thsd.t	105	140	193	228	270	241	188	211	204	195

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Table 7.16 continued

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Sacks and bags (including cone-shaped) of polymers of ethylene, thsd.t	19,1	27,2	33,3	44,4	55,1	63,4	61,1	82,0	69,2	75,1
Production of other non-metallic mineral products										
Multiple-layer insulating units of glass, thsd.sq.m	203	395	909	1709	2286	3038	1944	2711	3175	3443
Glass preserving jars (in terms of 0,5 L), mln.pcs	922	1003	840	863	1045	799	654	533	739	692
Glass containers for beverages and foodstuffs, mln.pcs	1216	1604	1950	2196	2417	2932	2176	2444	2363	2259
Tableware, kitchenware, other household chinaware, mln.pcs	96,0	102	99,3	79,1	57,8	32,1	21,5	21,1	20,6	19,1
Refractory products, thsd.t	1167	1352	1290	1116	1128	948	581	786	788	622
Ceramic slabs and tiles, mln.sq.m	12,9	17,0	20,6	22,1	28,6	41,3	44,3	51,9	60,5	62,2
Cement, mln.t	8,9	10,6	12,2	13,7	15,0	14,9	9,5	9,5	10,6	9,8
Lime, thsd.t	4962	5302	5342	5450	5688	5128	4101	4241	4488	4415
Blocks and bricks of cement, artificial stone or concrete meant for building, bln.pcs of conventional bricks	1,5	1,7	1,8	2,0	2,2	2,1	1,1	1,3	1,4	1,5
Ceramic construction non-fireproof bricks, bln.pcs of conventional bricks	1,6	1,8	1,9	2,1	2,3	2,2	1,1	1,0	1,2	1,0
Elements (cement, concrete or artificial stone) of prefabricated structures for construction, mln.cub.m	2,5	2,8	3,2	3,7	4,6	3,8	1,8	1,9	2,3	2,1
Corrugated sheets, slates and similar asbestos and cement products, mln. conventional plates	733	716	811	748	632	599	389	450	397	330
Articles of asphalt or similar material in rolls, mln.sq.m	46,2	50,7	56,2	56,6	55,5	50,4	33,9	45,3	42,6	29,0
Slag wool, mineral silicate wool and similar mineral wool (including mixtures) in blocks, sheets or rolls, thsd.cub.m	296	293	191	187	252	212	439	966	1597	1992
Metallurgy and production of finished metal products										
Cast iron, mln.t	29,5	31,0	30,7	32,9	35,6	31,0	25,7	27,4	28,9	28,5
Ferroalloy, mln.t	1,7	2,0	1,7	1,8	2,0	1,7	1,2	1,7	1,4	1,3
Steel without semi-finished products produced through continuous casting, mln.t	28,9	28,9	27,9	27,9	29,0	23,3	15,7	17,5	17,6	17,1
Semi-finished products produced through continuous casting, mln.t	8,7	10,5	11,4	13,7	14,7	14,8	14,6	15,8	17,8	16,4
Finished rolled ferrous metals, mln.t	22,5	23,2	22,7	22,4	24,5	20,5	16,1	17,6	19,5	18,4
Pipes of large and small diameters, hollow sections made of ferrous metals, mln.t	2,1	2,1	2,4	2,8	2,8	2,5	1,7	2,0	2,4	2,2
of which										
pipes, tubes, hollow seamless shapes from cast iron excluding foundry iron and steel	1,0	1,0	1,2	1,3	1,3	1,2	0,5	0,8	0,9	1,0
welded or riveted pipes	1,1	1,1	1,2	1,4	1,5	1,4	1,2	1,1	1,5	1,2
Cold-rolled, folded products of non-alloy steel, mln.t	0,1	0,2	0,2	0,3	0,4	0,4	0,2	0,3	0,4	0,4
Steel wire, mln.t	0,4	0,6	0,5	0,5	0,6	0,5	0,4	0,4	0,4	0,4
Prefabricated construction metal elements, thsd.t	78,4	114	102	127	151	151	103	87,1	89,7	84,2
Other structures, parts of structures, plates, panels and similar products of iron or aluminium, thsd.t	493	503	533	536	651	639	336	448	561	583
Reservoirs, tanks of steel, of capacity exceeding 300 L, thsd.t	47,9	38,2	23,8	35,1	40,4	35,2	23,3	24,3	21,5	28,5
Central heating radiators without electric heating produced from ferrous metals, thsd.t	33,4	30,8	30,5	31,5	30,7	18,5	3,2	11,8	13,8	16,4

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Table 7.16 continued

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Central heating boilers, thsd.pcs	151	280	371	427	348	329	215	266	312	308
Steam or other steam generating boilers; boilers that use superheated water, thsd.pcs	0,3	7,7	14,4	5,1	1,2	1,6	0,8	1,7	5,1	5,7
Thread products from ferrous metals, thsd.t	34,7	43,8	50,5	50,2	53,6	48,6	33,2	49,0	56,0	52,2
Engineering										
Linear acting hydraulic and pneumatic power engines and motors, thsd.pcs	183	257	326	401	496	662	248	768	1235	1119
Aligned pumps for liquids, liquid elevators, thsd.pcs	544	542	464	455	443	273	235	254	261	253
Ovens and electric ovens for confectioneries, pcs	224	390	349	215	533	514	267	215	426	160
Bridge cranes on fixed bearings, pcs	95	141	102	232	235	200	89	86	211	117
Other cranes (portable and bridge gantries, dockside cranes, marine derrick cranes), pcs	285	272	322	311	352	372	164	173	145	190
Conveyors and elevators, pcs	3074	4324	5203	5679	6550	5495	3689	4161	3963	4459
Industrial refrigerating and freezing equipment and heat pumps, thsd.pcs	107	141	146	170	173	153	109	215	228	226
Tractors for agriculture and forestry, pcs	4556	5806	5543	3703	5282	6339	1445	5189	6847	5280
Moldboard plows, pcs	4285	5192	3058	2542	3025	7064	5336	4684	3629	13109
Disk harrows, pcs	2090	4101	4520	4421	5751	5517	1084	4825	7421	1645
Spike-tooth harrows, thsd.pcs	10,0	17,3	20,4	13,8	18,6	26,4	5,0	5,5	11,1	7,5
Rippers and cultivators, thsd.pcs	7,7	8,9	8,0	11,5	9,2	10,4	4,6	5,4	7,4	4,7
Seeding machines, thsd.pcs	8,0	9,9	11,3	9,0	7,1	9,9	2,5	2,8	4,9	2,7
Mowing machines, thsd.pcs	1,5	3,1	3,8	3,2	3,1	3,4	1,6	1,8	2,3	2,8
Grain harvester combines, pcs	101	305	308	...	137	309	56	97	399	59
Sugar beets harvesters and machinery for trimming sugar tops, pcs	398	109	88	201	18	...	—
Machines and mechanisms for feed preparation, thsd.pcs	47,2	66,3	107	101	72,8	87,4	166	187	161	123
Lathes, grinders, drillers, milling machines, pcs	378	496	409	289	336	307	97	76	103	108
Presses and forge machines, pcs	298	165	99	161	160	116	44	46	22	51
Lathes for wood processing, pcs	3743	4165	3722	3554	3160	2466	1419	1409	1485	2047
Converters and casting machines, casting forms and buckets used in metallurgy and foundry production, thsd.pcs	13,7	12,7	11,2	10,5	12,8	10,0	5,3	9,2	6,8	5,1
Rollers for rolling mills, thsd.pcs	11,0	17,6	20,0	19,7	6,4	9,3	9,6	10,2
Elevators, conveyers and lifts of continuous, operation for underground working, thsd.pcs	17,9	10,3	26,6	18,2	13,2	6,6	1,6	0,6	0,5	0,6
Boring and sinking machines, pcs	1047	2601	3203	3456	3145	2684	1061	1764	1696	1886
Front bucket loaders, special loaders for underground work, pcs	28	9	23	38	15	17	6	34	65	78
Excavating machines, pcs	378	599	584	813	1044	921	143	114	116	78
Concrete mixers and mortar mixers, pcs	1567	2530	2861	6248	10286	11314	4773	7628	6606	7308
Machines and equipment for production of bakery products, pcs	9302	7426	6689	4848	3552	3431	2668	2817	2384	3729
Machines and equipment for producing confectionery, cocoa or chocolate, pcs	291	245	374	1079	1793	1245	504	677	823	894
Machines and equipment for sugar production, pcs	388	441	543	1018	1768	447	222	606	829	931

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Table 7.16 continued

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Machines and equipment for processing meat and poultry, pcs	1103	509	489	6605	7016	7346	6662	8378	10950	33603
Refrigerators and deep freezers combined with separate outer doors, thsd.pcs	504	581	711	731	824	557	325	412	378	... ¹
Domestic refrigerators, thsd.pcs	284	269	242	338	310	222	157	164	129	... ¹
Washing machines, thsd.pcs	251	345	322	208	173	230	164	167	312	297
Domestic fans, thsd.pcs	666	952	1478	1947	2210	2831	2317	2883	2974	3086
Appliances for cutting foodstuffs, mixers and squeezers, thsd.pcs	67,6	78,3	90,6	54,6	70,8	61,1	62,0	... ¹	... ¹	... ¹
Electric ranges, cooking boilers and domestic mantelpieces for heating up meals, thsd.pcs	299	404	493	458	344	472	419	415	413	344
Dc motors and dc generators, thsd.pcs	140	119	148	290	327	91,8	53,0	79,1	95,9	58,1
Ac motors and ac generators, universal motors, thsd.pcs	873	1155	913	706	670	602	460	592	467	326
Electric transformers, mln.pcs	8,4	8,0	7,9	13,1	19,5	17,4	12,1	4,0	5,1	4,6
High-Tension electrical facilities, thsd.pcs	350	478	682	613	573	399	529	450	455	456
Low-Tension electrical facilities, mln.pcs	82,9	80,6	69,5	78,5	75,9	67,4	51,2	52,8	69,9	75,1
Winding insulated wire, thsd.t	7,9	9,6	10,9	12,0	15,4	17,0	10,4	11,5	13,4	12,9
Low-voltage electric wires and cables with 1000 voltage and less, thsd.km	382	421	479	481	591	562	384	510	655	519
Electric wires and cables with 1000 voltage and more, thsd.km	7,6	12,7	21,2	14,2	19,1	20,1	10,1	9,1	11,9	20,9
Electric lamps, mln.pcs	219	263	254	255	240	203	165	197	175	171
Semiconductor items, mln.pcs	47,2	18,3	28,7	32,1	25,6	24,3	24,9	23,2	15,5	12,2
TV sets, thsd.pcs	415	443	651	431	507	558	238	69,3	165	391
Instruments for measuring physical or chemical analysis, thsd.pcs	3948	5132	5613	7104	8136	8928	5359	8335	9429	5763
Wattmeters including calibrating, thsd.pcs	638	1066	946	1094	1317	1624	1586	1726	1719	1949
Devices and facilities for automatic regulation and management, thsd.pcs	334	620	1093	1577	1887	1715	363	135	196	127
Motor cars, thsd.pcs	98,3	174	192	267	380	402	65,7	75,3	97,5	69,7
Trucks, thsd.pcs	4,7	10,9	14,0	12,1	11,4	11,8	2,5	4,9	3,2	2,9
Buses, pcs	2558	2598	4655	7660	9127	10188	1502	2723	3745	3594
Trolley-buses, pcs	35	80	58	121	241	154	24	74	224	149
Nonself-propelled trucks, thsd.pcs	22,7	23,0	21,6	19,9	31,5	30,2	12,7	39,6	52,7	47,8
Truck cranes, pcs	126	235	382	506	812	699	... ¹	... ¹	... ¹	... ¹
Trailers, and semitrailers (exluding housing and for tourism), thsd.pcs	18,4	20,3	21,5	23,6	30,8	32,7	23,1	21,5	26,2	21,6
Bicycles, thsd.pcs	281	250	312	392	373	381	162	111	164	138
Production of furniture										
Furniture for sitting (mainly with wood frame), thsd.pcs	1177	1498	1819	1972	2059	1999	1424	1516	1736	1877
Office furniture, furniture for retail trade enterprises, thsd.pcs	1103	1672	1520	1885	2096	2095	969	1487	1987	1839
Kitchen furniture, thsd.pcs	251	349	423	489	707	921	659	873	1137	1133
Wood furniture for furnishing quarter interior, thsd.pcs	1045	1237	1665	1771	1940	2122	1321	1528	1647	1665

¹ See the footnote to Table 7.13

² Including mixtures of butter and vegetable oil

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7.17. Per capita basic foodstuffs production

(kg)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Fresh (fresh-killed) or cooled beef and veal	3,9	3,0	3,0	3,3	3,4	2,8	2,0	1,9	1,4	1,3
Frozen beef and veal	2,0	1,2	1,1	0,9	1,3	0,9	0,6	0,5	0,4	0,4
Fresh (fresh-killed) or cooled pork	1,7	1,6	1,7	2,8	3,9	3,4	2,8	3,6	4,4	4,2
Frozen pork	0,4	0,3	0,4	0,5	0,5	0,3	0,1	0,2	0,2	0,3
Fresh or cooled meat and high quality poultry offal	2,7	4,2	5,8	7,0	9,9	12,4	14,1	15,1	16,2	16,7
Frozen meat and high quality poultry offal	0,8	0,8	1,2	1,9	1,9	1,8	2,0	2,0	1,9	2,1
Sausages	5,7	7,0	6,6	6,4	7,1	7,3	5,9	6,2	6,4	6,5
Natural juice (including concentrated)	6,7	6,3	7,7	8,1	11,8	10,2	7,9	8,2	8,3	9,9
Canned natural vegetables	1,9	2,1	3,2	3,4	2,2	3,0	3,2	2,6	3,4	2,7
Jams, fruit jellies, fruit or nut purées and pastes	1,5	1,3	2,0	1,7	1,8	2,0	1,4	1,2	1,3	1,4
Unrefined sunflower seed oil	26,3	28,3	29,3	44,4	47,9	40,3	60,2	65,2	69,5	83,3
Margarine and similar products	5,2	5,9	6,4	6,6	6,8	6,8	7,7	7,9	7,9	7,2
Processed skimmed milk	13,5	15,1	18,3	17,5	18,6	17,5	16,7	17,5	19,4	19,9
Cream fat content more than 8%	0,2	0,5	0,5	0,3	0,3	0,4	0,3	0,4	0,7	0,8
Butter	2,9 ¹	2,4	2,5	2,2	2,2	1,8	1,6	1,7	1,7	1,9
Fat spreads and mixtures	...	1,1	1,7	1,5	1,8	1,8	1,6	1,4	1,3	1,2
Non-fermented fresh cheese and sour milk curd	1,2	1,5	1,8	2,0	2,0	2,0	1,8	1,7	1,7	1,7
Cheese with high fat content	3,6	4,7	5,8	4,6	5,3	5,1	4,9	4,5	3,9	3,7
Sour milk products	8,9	9,9	10,6	11,2	11,4	11,5	10,7	10,4	10,4	10,7
Bread and flour products	48,8	48,6	48,1	46,2	43,7	42,8	39,7	39,4	38,6	36,8
Granulated sugar	52,0	45,2	45,4	55,4	40,1	34,0	27,7	39,3	56,6	47,0
Chocolate and other cocoa products in briquettes, plates or bars	4,3	5,1	6,0	6,5	7,1	7,5	7,2	7,7	7,5	7,5
Sugar confectionery (including white chocolate) without cocoa content	6,1	6,5	6,1	5,2	5,5	5,4	5,8	5,5	5,0	4,7
Macaroni products without filling and heat processing	2,3	2,1	2,2	2,3	2,3	2,4	2,3	2,5	2,9	2,3
Natural mineral spring waters, L	1,3	1,6	3,1	3,4	6,6	7,6	6,2	6,8	7,3	8,5
Natural mineral fizzy waters, L	16,6	16,3	21,3	24,5	28,0	25,9	22,1	24,4	21,5	21,3
Soft drinks, L	26,1	29,6	35,9	37,7	42,0	37,3	32,0	32,3	31,7	31,8

¹ See the second footnote to Table 7.16

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7.18. Output of dairy products, by type

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Milk and powder cream	88,5	106	113	106	125	94,8	66,7	68,8	53,6	63,1
Non-fermented fresh cheese and sour milk curd	57,7	71,3	83,5	93,2	92,6	91,9	84,8	78,5	76,4	78,9
High fat cheese	173	224	274	217	246	236	224	207	178	168
including										
rennet cheese	142	181	224	167	197	197	200	186	161	147
including										
hard	134	174	216	161	191	191	194	179	154	139
soft	2,2	1,8	1,8	1,8	2,0	1,8	1,5	2,0	2,3	2,7
brine	4,0	3,4	4,0	3,4	2,9	3,5	3,4	3,2	3,0	3,6
spread, not grated and not in powder	31,3	42,7	50,2	50,1	48,7	38,8	23,5	21,2	17,1	21,5
Milk and cream, thickened with or without sugar, or other sweetened substances	80,6	104	107	97,8	106	99,3	81,9	72,7	62,7	66,1
Ice-cream and edible ice	112	117	125	121	131	125	108	115	102	109

7.19. Output of sausages, by type

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	271	332	309	301	330	335	272	283	292	294
including										
from liver including sausage like spreads and pates	6,4	8,3	9,3	6,7	8,1	7,5	5,6	5,5	5,9	6,2
boiled sausages, frankfurters	179	235	205	191	210	215	178	183	189	188
semi-smoked sausages	44,0	49,6	52,8	55,5	56,6	59,8	49,8	51,3	52,9	54,9
boiled and smoked, half-dry, jerking, summer sausages including salami	17,8	19,0	22,0	27,6	33,0	27,9	20,8	22,4	23,7	23,5
smoked and baked sausages	6,1	4,6	4,9	5,5	7,2	8,0	6,5	8,1	8,4	8,7

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7.20. Output of alcoholic beverages and tobacco products

(mln.dal)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Vodka and other strong alcoholic drinks	26,7 ¹	40,3 ¹	35,1	35,5	37,2	40,0	42,3	40,7	33,4	33,8
Liqueurs, sweet brandy, alcoholic bitters, other alcoholic drinks	5,7	7,4	23,1 ¹	23,7 ¹	25,4 ¹	21,7 ¹	13,1 ¹	11,7 ¹	12,0 ¹	11,5 ¹
Grape wine	15,3	15,4	16,4	17,1	19,5	21,0	23,1	29,6	16,9	12,8
Wine "Champagne"	3,3	4,0	4,4	4,5	4,5	4,0	4,2	4,2	3,7	3,3
Brandy	1,6	2,0	2,4	2,8	3,6	3,9	3,1	3,6	4,7	4,6
Beer	170	194	238	268	316	320	300	310	306	299
Cigarettes with tobacco content or tobacco mixtures with tobacco substitutes, bln.pcs	96,8	109	120	120	129	130	114	103	95,5	93,9

¹ Including low-alcohol beverages

7.21. Output of confectionery products, by type

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Chocolate and other finished food products with cocoa in briquettes, plates or bars	205	244	283	303	329	346	330	352	344	341
including										
chocolate and similar products with and without filling	33,3	36,0	40,1	39,2	43,3	44,2	41,4	44,1	38,5	43,5
chocolate	77,9	86,4	106	144	160	161	147	175	179	173
confectionery from sugar or its substitutes with cocoa content	89,8	115	129	113	120	135	138	129	123	117
spreads with cocoa content	1,8	2,7	3,4	2,9	3,1	3,2	1,5	1,5	1,8	2,3
Sugar confectionery (including white chocolate) without cocoa content	293	310	285	241	256	250	266	252	230	215
including										
products covered with sugar, jellies	17,6	24,0	39,5	46,7	51,8	55,1	57,2	55,7	48,1	49,0
boiled candies, caramel, toffies and similar candies	224	233	194	141	151	148	158	141	125	121
dragee	7,9	6,1	8,5	8,5	8,5	8,9	8,0	8,8	6,8	6,3

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7.22. Output of sausages, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine¹	271,0	331,7	308,8	300,8	330,3	335,5	272,2	283,1	292,0	294,4
Autonomous Republic of Crimea	2,6	2,7	3,7	5,3	7,7	14,4	16,7	20,4	20,5	18,3
oblasts										
Vinnitsya	7,4	5,5	4,9	7,9	8,5	8,8	4,7	4,9	5,1	5,6
Volyn	13,4	17,0	13,9	15,1	17,3	21,3	16,9	14,8	16,1	15,9
Dnipropetrovsk	30,3	39,6	46,0	52,9	56,3	55,4	43,1	44,0	46,6	47,2
Donetsk	59,2	100,9	67,7	31,3	34,7	31,7	30,6	37,6	43,9	45,7
Zhytomyr	3,1	4,3	4,2	5,1	5,6	6,5	7,2	8,4	8,3	10,1
Zakarpattia	1,2	0,9	0,8	0,8	0,8	0,6	... ²	... ²	... ²	... ²
Zaporizhzhya	13,3	11,3	9,4	8,0	7,3	7,3	8,5	11,5	9,9	10,0
Ivano-Frankivsk	2,4	3,0	3,2	3,9	4,0	3,4	2,4	2,4	1,9	1,9
Kyiv	17,9	22,3	23,7	25,1	28,3	23,8	15,0	10,1	8,7	7,9
Kirovohrad	11,2	11,8	14,6	16,4	19,0	20,0	17,3	18,8	21,2	21,1
Luhansk	19,6	18,5	19,6	22,1	23,9	22,6	17,6	17,3	18,0	18,6
Lviv	3,3	3,5	3,6	3,6	3,9	4,3	3,7	5,1	5,1	5,2
Mykolayiv	2,7	2,9	2,6	3,1	3,1	3,5	2,6	2,4	1,5	1,0
Odesa	7,0	8,2	8,6	10,4	11,1	10,3	7,9	7,7	7,4	7,3
Poltava	16,4	17,6	20,3	21,8	24,2	26,8	25,8	32,7	36,8	38,5
Rivne	2,4	2,4	3,0	4,3	5,2	5,9	3,9	2,9	1,6	1,3
Sumy	6,1	5,6	5,0	4,2	4,5	4,2	1,8	1,2	1,2	1,2
Ternopil	7,0	4,2	1,2	3,1	3,3	2,0	1,2	1,2	1,3	1,0
Kharkiv	11,1	11,9	12,9	19,3	24,3	27,3	22,9	20,0	18,1	17,4
Kherson	0,7	0,3	0,3	0,2	0,2	0,2	... ²	... ²	... ²	... ²
Khmelnyskiy	5,5	5,3	6,0	6,4	7,8	8,2	6,1	6,0	6,4	6,4
Cherkasy	6,3	5,5	5,1	5,1	5,2	5,0	2,4	2,2	2,0	2,0
Chernivtsi	6,8	5,5	6,5	8,0	8,4	9,4	6,4	6,5	6,4	6,3
Chernihiv	3,1	3,2	3,1	3,0	3,0	2,9	2,2	1,6	1,2	1,2
cities										
Kyiv	10,6	16,6	16,4	10,6	8,2	6,5	3,0	1,4	1,0	0,9
Sevastopol	0,7	1,1	2,5	3,6	4,2	3,1	... ³	... ³	... ³	... ³

¹ Here and elsewhere (Tables 7.23–7.29, 7.31) the difference between the sum and its components is explained by data rounding

² Here and elsewhere (Tables 7.23–7.27, 7.31) data have been eliminated due to their insignificant value and with the purpose of ensuring the implementation of Ukraine's Law *On the State Statistics* regarding confidentiality of information

³ See the footnote to Table 7.13

INDUSTRY

7.23. Output of unrefined sunflower seed oil, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	1256,9	1343,0	1381,0	2078,3	2225,6	1863,0	2771,8	2990,4	3177,2	3798,7
of which										
Autonomous Republic of Crimea	2,3	2,9	1,4	2,2	1,2	0,4	0,5	0,2	0,8	0,3
oblasts										
Vinnitsya	61,7	45,2	37,7	66,3	77,9	65,4	106,8	108,8	139,4	168,3
Volyn	0,0	0,0	0,0	0,0	... ¹	... ¹	... ¹	—	... ¹	... ¹
Dnipropetrovsk	126,8	100,3	96,5	175,0	190,0	181,6	202,5	210,0	207,4	233,2
Donetsk	293,5	296,5	296,6	374,3	406,6	240,4	414,2	387,7	351,5	387,8
Zhytomyr	0,3	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,2	0,3
Zakarpattia	0,2	0,0	0,0	0,0	0,0	—	—	—	—	—
Zaporizhzhya	233,7	266,6	240,0	307,3	290,9	279,4	370,3	427,6	574,4	600,1
Ivano-Frankivsk	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Kyiv	0,7	42,1	51,0	71,3	89,6	94,8	123,1	125,8	102,4	119,5
Kirovohrad	109,5	116,6	160,2	216,1	226,1	213,9	309,3	353,7	382,7	519,5
Luhansk	63,9	67,2	56,2	75,6	96,7	81,7	113,8	64,4	63,1	59,4
Lviv	0,3	... ¹	... ¹	... ¹	—	... ¹	—	—	—	... ¹
Mykolayiv	3,6	45,8	29,8	59,7	59,6	25,4	69,3	84,9	185,8	327,7
Odesa	99,1	94,5	128,1	192,9	184,9	147,6	320,2	375,8	382,0	482,5
Poltava	78,9	87,1	88,4	126,2	123,9	117,8	128,0	187,9	208,5	215,4
Rivne	... ¹	0,3	1,1	0,3	0,1	... ¹	0,0	... ¹	... ¹	... ¹
Sumy	0,8	0,6	2,1	3,8	5,1	3,0	4,9	3,3	2,2	2,0
Ternopil	... ¹	... ¹	... ²	... ¹	... ¹	—	... ¹	0,2	... ¹	... ¹
Kharkiv	134,8	127,4	133,6	191,9	244,2	277,7	335,1	347,1	277,0	333,9
Kherson	5,6	5,7	33,8	168,3	177,2	111,4	197,7	181,2	163,9	202,7
Khmelnyskiy	0,1	0,1	0,1	0,0	0,2	0,1	0,2	0,1	0,2	0,2
Cherkasy	4,4	4,5	4,5	4,3	2,8	2,5	20,0	73,8	77,9	78,7
Chernivtsi	31,7	35,2	15,7	38,3	41,1	18,5	51,4	51,1	50,6	59,3
Chernihiv	4,6	3,9	3,4	3,3	4,4	1,3	4,3	6,6	6,9	7,3
city										
Sevastopol	... ¹	—	—	—	... ¹	... ¹	... ¹	... ¹	—	—

¹ See the footnote to Table 7.13² See the second footnote to Table 7.22

INDUSTRY

7.24. Output of processed skimmed milk, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	645,2	716,0	863,6	819,6	863,3	808,1	769,6	801,4	888,3	909,5
Autonomous Republic of Crimea	10,3	8,1	8,4	9,4	11,0	12,1	10,6	10,6	8,0	7,7
oblasts										
Vinnitsya	179,4	232,3	291,2	253,3	290,7	265,9	235,3	259,9	291,1	319,2
Volyn	15,5	23,8	26,6	9,9	14,8	14,9	15,4	20,2	... ¹	2,3
Dnipropetrovsk	44,2	44,3	47,7	39,1	45,2	48,8	57,0	62,2	58,3	54,9
Donetsk	26,8	31,0	37,8	39,1	44,8	47,0	43,6	47,7	41,9	40,2
Zhytomyr	6,2	6,3	4,8	5,7	12,9	13,9	12,8	13,0	114,6	130,2
Zakarpattia	2,9	2,6	3,3	3,0	2,3	1,4	... ¹	... ¹	... ¹	... ¹
Zaporizhzhya	10,7	10,8	11,1	13,7	15,7	18,3	13,6	20,6	18,7	32,2
Ivano-Frankivsk	4,4	6,2	8,9	8,6	12,9	9,1	6,3	5,1	6,0	5,4
Kyiv	62,5	63,5	69,1	62,9	54,9	74,9	86,0	102,2	107,5	93,8
Kirovohrad	... ²	... ²	... ²	... ²	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Luhansk	24,6	25,2	55,6	47,7	11,6	9,9	7,8	9,6	13,2	12,7
Lviv	14,2	19,5	26,3	34,1	31,7	31,2	27,7	21,4	30,8	32,8
Mykolayiv	13,7	16,7	15,7	15,1	15,4	14,9	9,8	9,2	10,1	13,6
Odesa	29,8	17,5	15,2	18,6	18,6	23,1	21,3	16,7	11,9	5,6
Poltava	25,7	27,7	36,8	31,9	31,5	36,3	38,8	36,3	36,3	41,3
Rivne	8,1	8,6	6,7	5,7	5,9	... ²	4,0	4,5	3,9	3,8
Sumy	24,6	21,8	32,7	48,7	45,5	28,7	39,7	19,3	14,8	7,2
Ternopil	7,1	12,5	16,9	21,6	22,9	17,0	35,9	49,9	24,9	25,4
Kharkiv	37,4	40,3	35,1	32,9	48,1	46,9	40,6	35,3	43,9	31,9
Kherson	4,3	8,3	11,2	13,2	9,4	7,7	8,5	10,9	5,3	6,5
Khmelnyskiy	9,8	10,4	20,8	30,4	45,7	19,9	11,5	9,8	13,0	8,7
Cherkasy	15,4	13,7	13,7	16,1	13,1	12,1	11,0	... ¹	6,6	9,5
Chernivtsi	... ²	... ²	... ²	... ¹	... ¹	... ¹	... ¹	—	... ¹	... ¹
Chernihiv	12,3	12,2	17,1	11,4	11,7	9,9	9,3	7,8	5,8	7,4
cities										
Kyiv	49,4	49,5	47,6	45,1	44,4	37,4	22,5	23,0	... ¹	... ¹
Sevastopol	... ¹	... ¹	... ¹	... ¹	... ¹	—	—	—	—	—

¹ See the footnote to Table 7.13² See the second footnote to Table 7.22

INDUSTRY

7.25. Output of cheese with high fat content, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011
Ukraine	172,9	223,9	273,8	217,4	245,7	236,3	223,7	207,0	177,9	168,1
Autonomous Republic of Crimea	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	1,1	1,0	0,3	0,3
oblasts										
Vinnitsya	15,5	15,2	17,1	14,0	15,2	16,2	14,5	8,2	7,0	6,6
Volyn	6,4	8,7	8,5	5,5	8,2	5,2	... ²	... ²	... ²	... ²
Dnipropetrovsk	3,1	4,3	3,3	2,2	2,1	1,9	0,9	0,8	1,1	1,6
Donetsk	1,3	1,1	1,6	1,4	1,4	1,4	1,1	1,1	1,2	1,4
Zhytomyr	9,8	16,8	23,6	16,7	17,1	7,3	4,1	4,2	4,1	6,6
Zakarpattia	... ¹	... ¹	... ²	... ²	... ²	... ²	... ²	... ²	... ²	... ²
Zaporizhzhya	11,3	15,2	21,7	16,6	17,9	19,2	13,9	13,0	2,1	2,4
Ivano-Frankivsk	3,4	4,0	4,8	3,3	3,9	4,2	4,3	4,5	1,9	0,4
Kyiv	1,8	2,7	3,6	1,4	1,2	1,1	1,2	1,2	1,6	1,8
Kirovohrad	1,1	6,5	13,5	4,8	7,8	3,1	1,5	1,4	0,7	0,5
Luhansk	3,7	4,0	4,1	3,2	2,1	2,5	1,7	1,6	0,5	0,4
Lviv	2,6	3,7	3,9	2,9	2,4	1,2	0,8	0,6	... ²	0,5
Mykolayiv	7,5	7,8	10,0	8,8	10,4	12,3	11,6	10,1	10,2	11,9
Odesa	2,2	2,2	2,7	2,7	3,1	2,9	1,7	2,0	1,4	1,1
Poltava	22,0	29,6	38,6	38,0	48,8	50,4	49,5	42,8	42,1	35,3
Rivne	5,0	7,3	11,3	6,4	3,8	8,8	15,0	15,3	16,6	14,7
Sumy	19,2	20,7	20,6	16,5	19,3	20,4	21,7	19,0	23,2	22,5
Ternopil	4,9	4,6	5,4	3,0	3,6	5,2	5,2	6,1	5,1	4,7
Kharkiv	7,6	10,9	13,2	10,0	9,8	5,8	8,2	6,5	2,9	0,7
Kherson	9,1	11,9	15,6	15,8	16,5	17,9	12,2	11,0	7,2	7,3
Khmelnyskiy	9,2	10,5	11,5	11,7	10,4	10,8	12,4	14,5	8,5	8,5
Cherkasy	13,8	18,3	19,2	14,0	22,6	22,0	22,0	22,4	20,2	22,7
Chernivtsi	1,2	2,4	... ¹	... ¹	... ¹	... ¹	0,0	... ²	... ²	0,1
Chernihiv	9,0	11,9	12,9	12,4	13,0	13,3	15,6	16,5	17,5	14,4
cities										
Kyiv	1,7	2,9	3,3	2,8	2,1	0,8	... ²	... ²	... ²	... ²
Sevastopol	... ²	... ²	—	—	—	—	—	—	—	—

¹ See the second footnote to Table 7.22

² See the footnote to Table 7.13

INDUSTRY

7.26. Output of sour milk products, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	427,1	467,5	498,8	523,5	532,0	532,3	491,6	478,8	474,2	488,6
Autonomous Republic of Crimea	10,4	11,3	11,4	11,8	13,6	12,7	10,5	7,8	6,0	5,5
oblasts										
Vinnitsya	13,7	15,3	16,1	14,8	16,1	14,4	13,9	6,5	6,5	7,0
Volyn	7,0	8,4	8,8	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	1,2
Dnipropetrovsk	62,0	58,5	60,9	56,9	65,0	69,2	67,7	62,8	52,0	52,8
Donetsk	42,1	49,1	53,7	57,3	60,0	59,5	49,7	47,0	47,6	44,5
Zhytomyr	3,3	8,9	12,5	13,8	18,8	20,1	16,3	11,3	16,6	11,0
Zakarpattia	1,4	1,3	1,3	1,0	0,8	... ¹	... ¹	... ²	... ¹	... ¹
Zaporizhzhya	6,3	7,0	8,8	8,2	8,5	10,8	10,9	13,9	8,9	7,1
Ivano-Frankivsk	2,5	2,9	3,4	3,3	3,8	3,9	3,3	3,0	2,9	3,0
Kyiv	22,1	26,3	33,8	41,8	41,6	44,6	52,1	67,6	71,9	79,9
Kirovohrad	... ²	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Luhansk	5,0	6,5	5,8	5,9	7,0	9,9	6,7	8,2	6,9	7,2
Lviv	11,9	16,9	25,0	36,7	50,3	62,8	55,1	54,8	51,8	46,3
Mykolayiv	25,6	26,6	24,4	25,8	27,9	27,8	21,0	18,6	21,1	23,3
Odesa	6,1	7,9	8,4	8,4	7,8	6,1	4,7	4,1	4,3	4,4
Poltava	33,6	34,6	38,9	37,8	38,3	40,3	37,3	36,8	35,0	37,5
Rivne	5,0	5,5	7,1	5,4	4,0	3,7	3,4	4,1	4,2	4,7
Sumy	5,1	6,5	8,2	11,2	10,2	10,2	7,1	5,1	5,6	5,2
Ternopil	5,7	6,2	7,9	6,8	6,7	7,9	6,3	10,2	15,5	18,3
Kharkiv	66,6	75,5	64,2	61,9	51,6	38,7	41,3	41,4	48,5	50,8
Kherson	4,8	11,9	16,1	19,6	19,2	19,8	29,0	33,2	32,8	39,6
Khmelnyskiy	3,9	4,6	5,1	4,6	3,9	3,8	2,9	2,8	1,6	1,7
Cherkasy	17,8	15,3	18,9	26,7	17,0	12,8	8,6	7,9	7,8	13,5
Chernivtsi	... ²	... ²	... ²	... ¹	... ¹	... ¹	... ¹	—	... ¹	... ¹
Chernihiv	5,1	6,5	5,2	6,2	5,4	6,0	6,0	5,2	4,1	4,8
cities										
Kyiv	55,1	50,1	50,1	46,0	43,1	33,8	23,9	24,8	... ¹	... ¹
Sevastopol	... ¹	... ¹	... ¹	... ¹	... ¹	—	—	—	—	—

¹ See the footnote to Table 7.13² See the second footnote to Table 7.22

INDUSTRY

7.27. Output of flour, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	2826,5	2948,9	2943,6	2695,7	2907,6	3029,9	2733,7	2632,1	2595,4	2602,7
Autonomous Republic of Crimea	120,0	124,0	131,7	131,2	153,3	169,5	160,6	144,8	164,3	158,6
oblasts										
Vinnitsya	152,3	153,0	157,7	145,4	179,8	191,5	187,1	172,3	177,0	188,0
Volyn	74,8	78,1	72,3	58,6	70,6	59,0	44,9	40,9	40,7	33,3
Dnipropetrovsk	228,2	240,1	224,6	175,2	195,7	190,3	174,4	160,3	140,2	157,7
Donetsk	282,6	300,4	336,1	290,3	282,0	282,8	254,8	262,2	276,4	262,3
Zhytomyr	40,7	33,7	25,2	... ¹	... ¹	... ¹	... ¹	... ¹	26,3	... ¹
Zakarpattia	30,8	43,0	34,5	33,1	36,2	29,2	... ¹	26,9	... ¹	19,4
Zaporizhzhya	97,8	91,5	133,8	126,0	111,4	88,8	77,1	79,6	83,7	67,7
Ivano-Frankivsk	27,3	29,1	36,0	35,5	37,6	36,9	40,8	53,6	63,0	66,4
Kyiv	113,7	136,7	165,5	162,2	135,5	123,4	136,7	129,7	116,0	109,5
Kirovohrad	64,5	68,5	79,6	72,3	60,5	48,8	31,3	34,6	56,6	53,1
Luhansk	135,7	132,4	121,7	107,1	122,0	159,4	168,0	154,7	110,3	173,2
Lviv	124,6	125,1	108,8	94,1	84,4	72,4	66,2	56,5	50,3	66,0
Mykolayiv	57,2	70,3	84,3	81,0	93,7	83,6	72,9	62,3	60,1	39,9
Odesa	152,7	157,1	147,7	122,5	134,7	151,9	124,2	109,5	113,4	96,0
Poltava	83,4	90,7	87,7	73,6	84,9	110,1	83,0	81,2	82,9	73,1
Rivne	58,5	70,4	54,4	56,9	63,8	70,9	55,5	56,7	50,1	44,3
Sumy	113,2	127,8	110,1	89,9	117,5	170,4	104,3	100,1	102,4	95,0
Ternopil	86,6	76,6	74,2	80,5	78,7	77,6	74,2	67,0	63,7	59,3
Kharkiv	170,1	233,8	222,9	180,2	204,7	217,7	223,6	191,4	222,7	270,8
Kherson	104,4	88,1	85,6	84,9	120,5	140,0	119,0	101,7	93,1	90,7
Khmelnyskiy	97,6	95,6	87,1	81,7	92,1	105,4	104,5	96,7	90,7	78,0
Cherkasy	91,3	89,1	97,4	115,0	137,0	120,4	114,8	156,4	141,4	142,5
Chernivtsi	33,0	37,6	34,3	26,2	28,2	31,7	30,3	32,3	26,2	24,3
Chernihiv	57,5	59,9	76,9	88,9	74,2	63,8	43,9	44,7	44,5	33,5
cities										
Kyiv	223,6	182,0	147,6	... ²	... ²	... ²	194,8	... ²	... ²	... ²
Sevastopol	4,5	14,1	5,7	... ¹	... ¹	... ²	... ²	... ²	... ²	... ²

¹ See the second footnote to Table 7.22

² See the footnote to Table 7.13

INDUSTRY

7.28. Output of bread and flour products, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	2334,7	2307,1	2263,7	2159,7	2033,7	1978,4	1827,5	1807,7	1763,5	1679,3
Autonomous Republic of Crimea	87,7	84,2	80,9	73,1	71,4	69,6	65,2	61,4	61,1	59,1
oblasts										
Vinnitsya	87,3	86,6	88,4	84,3	81,0	77,3	69,2	66,3	65,0	57,1
Volyn	48,7	48,7	46,6	46,5	47,1	45,5	43,2	42,3	39,4	37,3
Dnipropetrovsk	199,4	229,2	242,8	244,0	215,4	205,5	190,6	186,7	180,7	177,0
Donetsk	267,7	257,3	248,8	228,1	207,8	195,7	179,1	161,6	156,7	142,9
Zhytomyr	77,4	73,0	71,5	69,9	64,7	59,9	58,3	57,2	57,4	56,4
Zakarpattia	20,9	19,5	18,2	20,6	21,2	18,2	16,7	13,6	13,5	13,9
Zaporizhzhya	92,3	86,3	81,7	75,9	74,5	77,1	73,4	74,8	75,0	71,1
Ivano-Frankivsk	25,8	24,2	24,8	28,0	31,7	34,2	33,4	33,8	35,1	33,1
Kyiv	43,7	48,8	53,4	51,0	55,8	59,8	63,1	68,5	73,7	72,7
Kirovohrad	34,8	34,0	34,1	32,4	29,8	30,1	27,3	26,7	26,6	25,4
Luhansk	119,6	111,8	106,8	100,3	94,4	87,4	78,2	74,4	68,5	66,0
Lviv	94,8	91,7	89,5	84,4	76,9	75,3	72,0	70,9	72,2	65,0
Mykolayiv	54,7	57,2	51,9	47,2	44,8	42,7	38,9	36,8	36,4	33,5
Odesa	106,2	114,3	107,9	103,1	101,9	104,2	97,5	93,9	90,1	86,3
Poltava	84,0	83,5	79,6	75,0	72,6	71,5	65,5	58,2	54,7	56,1
Rivne	42,8	40,1	39,3	38,4	38,2	38,5	36,0	36,3	35,2	30,5
Sumy	81,0	78,9	75,2	69,9	67,9	65,6	62,5	61,2	58,5	54,2
Ternopil	21,0	19,5	18,8	17,7	20,2	19,6	16,5	15,7	15,6	14,4
Kharkiv	126,6	124,2	134,4	130,8	116,8	111,6	99,9	131,3	112,4	110,1
Kherson	56,1	50,7	49,0	45,8	40,4	38,5	35,4	34,4	36,5	34,9
Khmelnyskiy	68,5	64,5	62,6	61,3	60,7	61,0	55,3	55,5	61,9	54,3
Cherkasy	75,8	75,5	72,2	75,2	71,9	70,9	65,5	64,9	62,4	60,6
Chernivtsi	26,0	27,1	27,0	26,0	25,2	26,5	28,1	29,4	27,7	27,4
Chernihiv	70,2	72,0	70,1	67,8	64,7	58,3	51,8	50,4	48,0	43,9
cities										
Kyiv	301,9	283,2	268,6	245,1	219,4	216,2	187,2	182,9	179,7	175,7
Sevastopol	19,6	21,0	19,5	17,9	17,3	17,7	17,7	18,2	19,6	20,2

INDUSTRY

7.29. Output of granulated sugar, by region

(thsd.t)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	2485,5	2147,1	2139,1	2591,7	1867,0	1571,2	1274,8	1804,7	2586,4	2143,4
of which										
oblasts										
Vinnitsya	216,0	260,3	277,8	344,8	303,1	283,3	204,8	296,0	439,2	338,3
Volyn	223,2	181,2	198,7	113,5	137,1	80,1	40,7	222,2	256,5	93,2
Dnipropetrovsk	... ¹	... ¹	... ¹	... ¹	... ¹	—	—	—	—	—
Zhytomyr	109,5	71,3	71,4	94,3	46,1	... ¹	... ¹	... ¹	47,7	... ¹
Ivano-Frankivsk	... ¹	... ¹	... ¹	... ¹	... ¹	—	—	... ¹	... ¹	... ¹
Kyiv	194,1	181,3	227,1	269,6	164,2	126,1	116,2	162,5	262,2	201,5
Kirovohrad	60,2	69,6	64,3	102,7	36,4	... ¹	... ¹	... ¹	91,3	69,6
Lviv	60,0	56,8	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Mykolayiv	... ¹	... ¹	... ¹	... ¹	... ¹	—	—	... ¹	—	—
Odesa	340,3	169,3	107,9	80,9	30,2	—	—	—	—	... ¹
Poltava	144,2	187,5	203,9	319,4	261,4	336,2	332,2	239,9	442,5	406,6
Rivne	122,8	57,1	63,0	83,8	88,4	... ¹	... ¹	... ¹	... ¹	... ¹
Sumy	134,7	80,7	59,3	83,5	52,7	—	—	... ¹	... ¹	... ¹
Ternopil	241,5	203,9	183,1	229,7	176,1	148,5	134,1	147,7	208,0	208,9
Kharkiv	123,0	146,6	146,0	200,6	141,7	132,4	77,5	62,1	130,8	108,1
Khmelnyskiy	106,7	103,7	129,9	194,7	181,6	102,1	117,9	164,3	217,3	233,2
Cherkasy	141,6	164,7	152,0	208,5	98,7	102,6	49,5	147,2	185,6	139,9
Chernivtsi	27,0	... ¹	... ¹	... ¹	... ¹	... ¹	—	... ¹	... ¹	—
Chernihiv	58,2	67,4	84,5	83,7	51,3	... ¹	... ¹	... ¹	... ¹	... ¹

¹ See the footnote to Table 7.13

7.30. Per capita output of basic products of light industry

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Textiles – total, sq.m	1,6	2,3	2,4	2,1	2,5	2,4	1,9	1,9	1,9	2,3
of which										
cotton	0,7	1,0	1,1	0,9	1,1	1,0	0,7	0,7	0,5	0,6
wool	0,1	0,2	0,2	0,2	0,2	0,1	0,1	0,1	0,1	0,1
linen	0,01	0,2	0,04	0,04	0,03	0,01	... ¹	... ¹	—	—
fleecy, terry and other special textiles	0,1	0,1	0,1	0,1	0,04	0,06	0,02	0,03	0,04	0,1
those made of chemical fibres	0,6	0,8	0,9	1,0	1,1	1,1	1,0	1,1	1,3	1,5
Knitted hosiery products produced by knitting machines or handmade, pairs	0,9	1,1	1,2	1,2	1,3	1,3	1,3	1,7	2,0	1,8
Sweaters, jumpers, pullovers, waistcoats and similar knitted wear produced by knitting machines or handmade, pcs	0,1	0,1	0,1	0,1	0,1	0,1	0,03	0,04	0,03	0,03
Knitted outerwear, pcs	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Knitted underwear, pcs	0,4	0,5	0,6	0,7	0,7	0,5	0,4	0,5	0,6	0,6
Footwear, pairs	0,4	0,5	0,4	0,5	0,5	0,5	0,4	0,6	0,6	0,6

¹ See the footnote to Table 7.13

INDUSTRY

7.31. Output of footwear, by region

(thsd. pairs)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	20343	21700	20500	21211	22498	22246	20427	25697	28178	28330
Autonomous Republic of Crimea	61,5	55,4	26,5	21,1	27,6	20,6	18,0	10,1	7,2	9,0
oblasts										
Vinnitsya	... ¹	1,7	... ¹	... ¹	2,9	... ¹	... ¹	... ¹	33,7	3,8
Volyn	49,4	42,5	... ¹	62,6	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Dnipropetrovsk	453	433	298	150	160	146	130	163	260	112
Donetsk	376	652	667	671	690	690	722	826	768	578
Zhytomyr	4028	3832	4165	4601	4838	5029	5233	5826	6401	7983
Zakarpattia	275	477	185	293	303	55,4	72,3	192	301	143
Zaporizhzhya	85,4	42,4	107	210	198	204	184	263	266	245
Ivano-Frankivsk	3,1	1,1	0,9	... ¹	... ¹	—	—	—	—	—
Kyiv	203	504	575	937	1408	1369	945	1285	1708	1521
Kirovohrad	152	207	69,3	109	17,8	16,9	17,1	9,3	9,9	7,5
Luhansk	386	354	284	348	105	138	60,1	58,3	74,8	56,8
Lviv	1905	1293	1382	817	883	901	897	1036	1203	1166
Mykolayiv	35,6	61,1	66,7	64,2	41,0	65,6	61,6	60,9	45,1	34,5
Odesa	89,4	379	73,7	44,9	1523	2624	2743	3945	6863	7322
Poltava	222	87,6	283	326	161	185	35,2	82,4	39,0	55,1
Rivne	0,6	2,0	0,5	... ¹	... ¹	0,6	... ¹	... ¹	... ¹	... ¹
Sumy	1355	1152	1206	1635	1669	1777	... ¹	... ¹	... ¹	... ¹
Ternopil	164	427	392	291	18,0	... ¹	... ¹	37,0	95,1	125
Kharkiv	401	432	410	597	573	532	326	421	418	419
Kherson	... ²	... ¹	... ¹	... ¹	... ¹	—	—	—	—	—
Khmelnyskiy	2185	3370	3926	3846	4415	3907	3676	4608	3276	2636
Cherkasy	69,7	63,7	97,5	79,3	156	54,4	56,5	57,0	59,2	28,8
Chernivtsi	3578	4232	2986	2731	2823	2811	2219	2535	2026	1736
Chernihiv	512	625	707	877	938	913	835	997	1029	961
cities										
Kyiv	3741	2960	2524	2488	1462	717	556	1167	733	703
Sevastopol	—	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹

¹ See the footnote to Table 7.13

² See the second footnote to Table 7.22

8. AGRICULTURE, HUNTING, FORESTRY. FISHING

This section presents information about agriculture and its industries (crop and animal production), and basic data that show activity in hunting, forestry and fishing.

Agricultural production is the crop and animal products obtained from sown of agricultural crops and the use of agricultural livestock. It also includes the volume of changes of incomplete production in crop output, volume of the produced perennial plants over year, and livestock and poultry growth obtained as a result of breeding and feeding. Production is estimated at constant prices and calculated as average weighted prices for marketable and non-marketable part of agricultural production. Constant prices are the 2010 average prices.

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. Tables 8.3, 8.12 and 8.13 present data on the number of operating enterprises by basic type of economic activity. The other tables present data for all enterprises, which are engaged in process of agricultural production and services regardless of their main type of activity.

Farm is a form of business activity of citizens set up as a legal person who wish to produce agricultural products, and are engaged in processing and sale to earn profit from land plots.

Profitability rate of agricultural produce is compiled as a ratio of profit (loss) from the sales of agricultural produce to its full self-cost.

Agricultural holdings of households are households engaged in agricultural activity with the purpose of producing foodstuffs for their own needs and producing marketable products. This category of producers includes natural persons (businessmen) who operate in agriculture.

Agricultural lands are land plots that are used to produce agricultural products. They include arable land (bare fallow), gardens, vineyards, hay-mowing, pastures, fallow lands.

Irrigated land area includes areas equipped with the irrigation facilities (ditches, pipes, gutters) connected to the irrigation sources.

Drained land area is the land that has a draining system to ensure regular water and air supply in order to make the lands useful for agriculture.

Output of basic agricultural crops reported by agricultural enterprises includes initial and secondary harvesting as well as sowings between the rows. For private agriculture, the gross harvest of crops is based on census data referring to the size of the sown area cultivated by farm and to the average yield per 1 ha of the sown area (based on the sample survey). Gross harvest of grain and leguminous plants and sunflowers is measured as weight after processing, sugar beets (for processing) are measured without soil, beet tops and medley, vegetables are products of the closed soil.

Yield of agricultural crops per 1 ha of the harvested area is calculated on the basis of gross harvest obtained from principal and secondary harvesting and between row sowing and actual harvested area of a given crop. Fruit and berry crop per 1 ha of the harvested area at fruit-bearing age.

Collective horticulture and market gardening is a form of land use stipulated by the land legislation. This comprises land plots allocated for the collectives functioning on cooperative principles for the purpose of constructing summer cottages, the development of horticulture and market gardening.

Livestock and poultry population as of 1 January is defined on the basis of annual complete reporting. It includes livestock of all sex and age groups by appropriate type of livestock and poultry.

Meat production consists of the

amount of livestock and poultry sold for slaughtering. It includes meat of all types of livestock and poultry, raw animal fat and edible offal. Data refer to both industrial and inter-farm slaughter of livestock and poultry.

Milk production is the actual quantity of milk yield taken from cows, sheep, mares and goats irrespective of whether it was sold or consumed either by calves or piglets. Milk consumed directly by calves is not included in production.

Egg production consists of annual quantity of eggs from all of poultry. Eggs used for poultry reproduction (incubation) are included.

Wool production includes the actual quantity of wool shorn from the live sheep and goat hides regardless of whether it was sold or consumed within a farm. Wool removed from hides during processing into leather is excluded (so-called skin wool). Weight of wool is given in physical terms (unwashed wool weight) directly after shaving.

Average annual milk yield per cow is based on the number of cows at the beginning of the year, regardless of whether a cow gave milk during the reference period. Milk yield per cow is based on the total number of cows on the farm, excluding cows kept for fattening, cows of meat and cows kept for breeding, provided these cows were not milked.

Products sold are products sold by agricultural enterprises (excluding small enterprises) through all channels: by re-processors, consumer cooperatives, on the markets, population as labour remuneration (including restaurant business system), plot-holders as the payments for the land and land shares, and other channels.

It does not include products for processing (excluding sugar beets).

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

Forested lands are forest lands which are planted with trees.

Volume of products, operations and services of forestry includes timber products, auxiliary forestry, operations and services associated with forestry and calculated at current wholesale prices (VAT not included).

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.

Merchantable wood is wood that can be used for economic purposes.

Game animals are the wild beasts and birds that could be the object of hunting.

Main felling is felling of the ripe trees to production the timber.

Test felling is 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.

Forest restoration is the planting, natural reforestation, etc on deforested area.

Fishing and extraction of other water living resources of all types; includes the capture of fish, and extraction of the spineless, crustacea, and algal in seas, oceans, rivers, lakes and other waters whether natural or bred artificially.

AGRICULTURE, HUNTING, FORESTRY. FISHING

8.1. Agriculture, hunting and forestry in the economy

(percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Share of gross value added of agriculture, hunting and forestry (at basic prices)	16,3	14,6	12,1	11,9	10,4	8,6	7,5	7,9	8,3	8,7	9,9	9,2 ¹
Agriculture, hunting and forestry output as percent to the total volume of output (at basic prices)	14,4	13,2	10,9	10,6	9,5	8,3	7,2	7,5	8,1	8,1	9,0	... ¹
Number of employment in agricultural, hunting and forestry	20,6	20,4	20,2	19,6	19,3	17,5	16,6	15,7	15,5	15,3	16,7	17,2

¹ Preliminary data

8.2. Basic indicators of activity of the agricultural enterprises¹

	2010	2011	2012 ²
Profitability rate of operational activity, percent	24,5	24,7	22,5
Net profit (loss), mln.UAH	17253,6	25267,0	26960,8
Enterprises that received a net profit			
percent of the total	69,6	83,5	78,6
financial result, mln.UAH	22094,9	30182,3	33716,7
Enterprises that received a net loss			
percent of the total	30,4	16,5	21,4
financial result, mln.UAH	4841,3	4915,3	6755,9
Number of employees, thsd.	645,2	632,1	625,3

¹ Enterprises with 01.1–01.6 code of the main economic activity by *Classification of Types of Economic Activity* (State Classifier 009:2010)

² Resulted without taking into account changes of the major type of economic activity of enterprises

8.3. Operating enterprises in 2012, by organisational and legal form of business

(as of July 1)

	Agriculture		Forestry		Fishing	
	total	percent of the total number	total	percent of the total number	total	percent of the total number
Total enterprises	55866	100,0	850	100,0	655	100,0
Business partnerships	8121	14,5	165	19,4	373	56,9
Private enterprises	4183	7,5	119	14,0	184	28,1
Producers' cooperatives	856	1,6	13	1,5	10	1,5
Farms	40732	72,9	—	—	—	—
Public enterprises	294	0,5	345	40,6	11	1,7
Enterprises of other forms of business	1680	3,0	208	24,5	77	11,8

AGRICULTURE, HUNTING, FORESTRY. FISHING

AGRICULTURE

8.4. Agricultural production

(at constant prices of 2010; mln. UAH)

	1990	1995	2000	2005	2008	2009	2010	2011	2012
Agricultural production	282774,2	183890,3	151022,2	179605,8	201564,0	197935,9	194886,5	233696,3	223254,8
Crop output	145502,0	106329,6	92838,9	114479,9	136277,1	129908,3	124554,1	162436,4	149233,4
Grain crops	53342,4	34572,3	27189,4	41744,7	55059,8	49122,3	41633,0	60492,5	49407,4
Industrial crops	33337,9	23058,6	16812,5	22534,8	33259,7	29809,9	33031,2	41549,5	40533,8
Potatoes, vegetables and cucurbitaceous crops	26038,3	26988,5	35029,3	37236,2	36541,4	38985,8	37996,5	46916,5	46395,6
Fruit, berries and grapes	10295,2	6538,0	6315,5	7172,5	6063,8	6644,0	6919,6	7758,1	7670,1
Feed crops	20833,0	12179,4	6237,3	5204,2	4460,7	4254,7	4086,4	4619,7	4316,1
Other products and change in work-in-progress	1655,2	2992,8	1254,9	587,5	891,7	1091,6	887,4	1100,1	910,4
Livestock product	137272,2	77560,7	58183,3	65125,9	65286,9	68027,6	70332,4	71259,9	74021,4
Cattle and poultry	63810,4	28962,0	21567,2	23292,3	26733,6	28892,6	31237,4	31636,5	33390,3
Milk	60789,5	41045,9	30236,9	32954,7	28938,3	28986,9	28533,0	28151,3	28909,5
Eggs	7472,8	4132,0	3880,9	5780,8	6801,8	7337,3	7935,1	8697,0	8892,9
Wool	157,2	69,3	14,1	13,3	15,6	17,1	17,6	16,4	15,7
Other products	5042,3	3351,5	2484,2	3084,8	2797,6	2793,7	2609,3	2758,7	2813,0

8.5. Agricultural production, by category of enterprises

(at constant prices of 2010; mln. UAH)

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Agricultural enterprises										
Agricultural production	199161,3	99448,6	57997,7	72764,7	74432,9	101451,2	96273,6	94089,0	121053,7	113082,3
Crop output	117938,0	67549,1	45791,0	55677,0	53076,7	78993,1	71275,2	66812,7	92138,4	82130,2
Livestock product	81223,3	31899,5	12206,7	17087,7	21356,2	22458,1	24998,4	27276,3	28915,3	30952,1
of which farms										
Agricultural production	...	1392,4	3125,2	8177,5	8303,6	14141,3	12119,1	11965,8	16192,5	14111,1
Crop output	...	1189,8	2903,3	7719,2	7428,6	13194,4	11125,2	10840,9	14997,7	12843,1
Livestock product	...	202,6	221,9	458,3	875,0	946,9	993,9	1124,9	1194,8	1268,0
Agricultural holdings of households										
Agricultural production	83612,9	84441,7	93024,5	106841,1	97696,8	100112,8	101662,3	100797,5	112642,6	110172,5
Crop output	27564,0	38780,5	47047,9	58802,9	52902,8	57284,0	58633,1	57741,4	70298,0	67103,2
Livestock product	56048,9	45661,2	45976,6	48038,2	44794,0	42828,8	43029,2	43056,1	42344,6	43069,3

AGRICULTURE, HUNTING, FORESTRY. FISHING

8.6. Agricultural production, by region

(at constant prices of 2010; mln. UAH)

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Ukraine	282774,2	183890,3	151022,2	179605,8	172129,7	201564,0	197935,9	194886,5	233696,3	223254,8
Autonomous Republic of Crimea	11337,5	6025,6	4938,2	5294,6	6210,3	7311,3	7662,0	7360,4	8314,5	6665,0
oblasts										
Vinnitsya	17729,0	11957,7	9539,6	10510,4	10352,1	12990,3	12597,3	12601,3	15065,0	14492,2
Volyn	7952,5	4757,8	4366,1	5009,2	5088,5	5145,7	5175,8	5273,3	5781,2	6183,5
Dnipro-petrovsk	14624,9	10100,9	8046,2	10801,2	9836,4	12783,3	12191,5	12348,3	14475,5	11535,4
Donetsk	13934,9	9161,7	7911,1	9988,5	8624,0	9767,1	9393,3	9577,4	11464,5	10863,2
Zhytomyr	11097,2	7648,0	5742,9	6088,5	5759,0	6150,1	6340,3	6344,8	7222,6	7945,3
Zakarpattia	4184,4	3340,6	3272,4	3739,3	3713,8	3810,9	3951,7	3838,3	4044,8	4207,3
Zaporizhzhya	12890,6	7699,0	6136,3	7611,0	6394,5	8488,3	7482,4	7642,5	8737,2	7083,2
Ivano-Frankivsk	5490,8	4459,2	4031,9	4251,9	4494,8	4165,4	4532,3	4567,7	5176,2	5501,5
Kyiv	14160,1	10140,3	7644,1	10164,4	11225,0	11764,1	11561,6	11490,7	13627,8	14791,1
Kirovohrad	12344,2	7841,1	5997,3	8404,0	6178,5	9338,1	8343,9	8505,1	10542,3	8963,9
Luhansk	9661,1	5599,2	3984,4	5935,5	5254,3	6201,5	5441,7	4951,6	6202,6	6280,2
Lviv	10352,1	6920,8	6971,6	7129,7	7585,0	7557,1	7699,8	7370,8	8400,9	8753,4
Mykolayiv	10621,5	6195,2	4365,9	6064,5	4128,1	7331,0	7366,5	7462,2	8374,2	6936,5
Odesa	13599,8	7978,4	7914,3	9003,0	5876,6	9384,3	8554,6	9381,1	10020,3	8046,9
Poltava	16180,8	10732,9	7038,7	10307,6	10959,6	12314,1	12287,3	10999,2	14922,5	13399,8
Rivne	7746,2	5161,8	4391,3	4781,5	5173,2	5262,2	5282,4	5401,8	5993,0	6190,1
Sumy	11736,0	7385,9	5968,7	5986,1	6004,8	6418,6	6398,2	5751,8	7860,1	8227,8
Ternopil	9531,4	6341,4	5273,1	5267,8	5941,1	6019,7	6139,4	5825,6	7295,0	7949,3
Kharkiv	15632,8	10208,8	8730,0	11206,1	10578,6	11349,6	10095,7	8946,1	13270,6	12198,8
Kherson	10346,7	5768,0	5550,0	6435,2	5514,5	7819,1	7911,9	8142,3	9964,3	8334,2
Khmelnyskiy	12759,8	8968,9	7375,2	6995,5	7867,1	8072,8	8411,5	8376,3	9678,3	11162,2
Cherkasy	11276,5	7522,3	6532,8	8257,1	8361,6	10833,4	11809,4	12318,3	14489,1	14028,8
Chernivtsi	4805,8	3444,3	3044,2	3406,8	3645,5	3657,5	3785,3	3899,1	4318,6	4363,3
Chernihiv	12777,6	8530,5	6255,9	6966,4	7362,8	7628,5	7520,1	6510,5	8455,2	9151,9

8.7. Share of the household holdings in agricultural production

(percent)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Agricultural production	29,6	45,9	61,6	59,5	57,2	56,8	49,7	51,4	51,7	48,2	49,3
Crop output	18,9	36,5	50,7	51,4	49,3	49,9	42,0	45,1	46,4	43,3	45,0
Grain crops	2,8	8,1	18,4	24,3	25,0	22,0	21,0	22,1	24,2	22,1	21,9
Sugar beet (for processing)	0,0	2,6	12,2	21,5	15,1	13,0	12,2	9,1	7,9	8,5	8,7
Sunflower	2,4	4,4	12,5	21,2	21,9	19,2	19,0	18,7	17,5	15,9	15,0
Potatoes	71,4	95,8	98,6	98,8	98,6	98,0	97,8	97,4	97,4	96,9	96,7
Vegetables	26,9	72,7	83,1	89,3	87,9	89,6	86,1	86,6	88,1	84,3	85,7
Fruits and berries	53,6	83,6	81,8	88,2	87,8	86,5	84,6	86,7	83,6	84,2	81,6
Grapes	20,5	26,5	30,0	41,8	48,5	34,7	32,0	33,9	36,3	35,4	35,8
Livestock product	40,8	58,9	79,0	73,8	70,8	67,7	65,6	63,3	61,2	59,4	58,2
Meat (slaughter weight)	28,9	51,7	73,7	63,2	57,3	51,9	48,6	46,1	44,9	43,3	42,5
Milk	24,0	45,3	71,0	81,2	81,5	82,2	82,2	80,7	80,3	79,7	77,7
Eggs	37,8	55,6	66,2	50,5	46,4	45,9	43,4	41,8	39,9	37,2	37,3
Wool	11,2	30,1	61,4	78,3	78,5	78,2	78,5	79,6	83,1	83,3	85,1

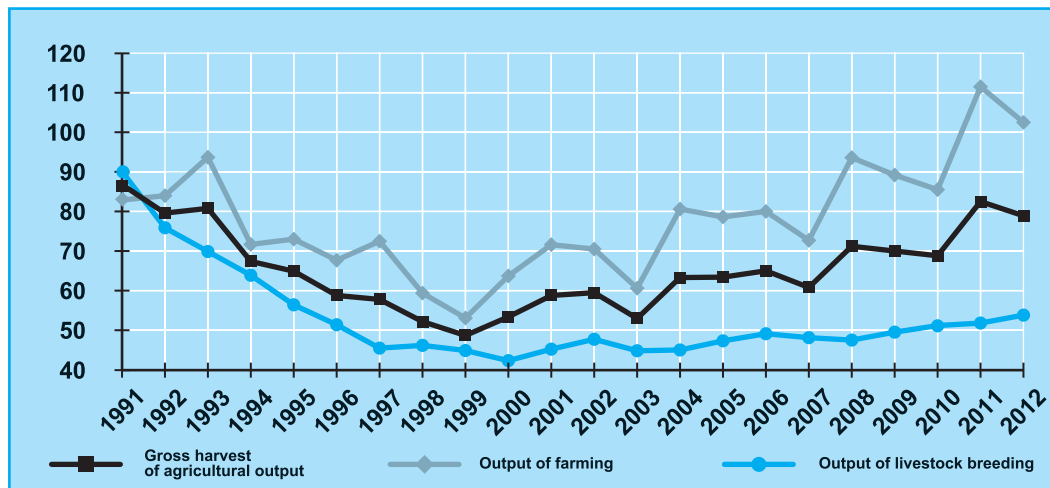
8.8. Per capita output of agricultural products

(kg)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Agricultural production, UAH	5449	3570	3071	3813	3935	3701	4357	4298	4249	5113	4897
Crop output, UAH	2804	2064	1888	2430	2492	2279	2946	2821	2715	3554	3273
Grain crops	983	659	497	807	732	630	1152	999	856	1242	1014
Sugar beet	853	576	268	328	479	365	290	219	300	410	404
Sunflower	50	56	70	100	114	90	141	138	148	190	184
Potatoes	322	286	403	413	416	411	423	427	408	531	510
Vegetables	128	114	118	155	172	147	172	181	177	215	220
Fruits and berries	56	37	30	36	24	32	33	35	38	41	44
Grapes	16	9	10	9	6	8	9	10	9	11	10
Livestock product, UAH	2645	1506	1183	1383	1443	1422	1411	1477	1534	1559	1624
Meat (slaughter weight)	84	45	34	34	37	41	41	42	45	47	49
Milk	472	335	257	291	284	264	254	252	245	243	250
Eggs, pcs	314	183	179	277	304	302	323	345	372	409	419

8.9. Agricultural production indices

(percent of 1990)



8.10. Agricultural production indices, by category of enterprises

(percent)

	Enterprises of all categories			Including					
	gross output	of which		agricultural enterprises			agricultural holdings of the household		
		crop output	livestock product	gross output	of which		gross output	of which	
					crop output	livestock product		crop output	livestock product
1990 = 100									
1995	65,0	73,1	56,5	49,9	57,3	39,3	101,0	140,7	81,5
2000	53,4	63,8	42,4	29,1	38,8	15,0	111,3	170,7	82,0
2001	58,9	71,7	45,3	34,9	47,5	16,6	115,8	175,0	86,8
2002	59,6	70,6	47,8	34,1	44,7	18,6	120,3	181,5	90,2
2003	53,0	60,7	44,9	25,4	31,4	16,6	118,8	185,7	86,0
2004	63,5	80,7	45,1	36,1	48,9	17,7	128,5	217,0	84,9
2005	63,5	78,7	47,4	36,5	47,2	21,0	127,8	213,3	85,7
2006	65,1	80,1	49,2	39,6	50,1	24,3	125,9	208,7	85,2
2007	60,9	72,8	48,2	37,4	45,0	26,3	116,8	191,9	79,9
2008	71,3	93,7	47,6	50,9	67,0	27,6	119,7	207,8	76,4
2009	70,0	89,3	49,6	48,3	60,4	30,8	121,6	212,7	76,8
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
To the previous year									
1995	96,4	102,6	89,0	92,3	98,0	82,1	101,8	111,9	94,5
2000	109,8	121,3	95,3	98,1	105,4	77,9	118,6	142,2	101,3
2001	110,2	112,3	106,8	120,0	122,4	110,7	104,1	102,5	105,8
2002	101,2	98,5	105,7	97,6	94,1	112,0	103,8	103,7	103,9
2003	89,0	85,9	93,9	74,4	70,3	88,9	98,8	102,3	95,4
2004	119,7	133,1	100,5	142,5	155,5	106,6	108,1	116,9	98,8
2005	100,1	97,5	105,1	101,1	96,6	119,1	99,4	98,3	100,9
2006	102,5	101,8	103,6	108,3	106,1	115,4	98,6	97,8	99,5
2007	93,5	90,9	98,0	94,5	89,9	108,3	92,8	92,0	93,8
2008	117,1	128,6	98,7	136,3	148,8	105,2	102,5	108,3	95,6
2009	98,2	95,3	104,2	94,9	90,2	111,3	101,5	102,4	100,5
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

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8.11. Agricultural production indices, by region

(percent)

	1990 = 100							To the previous year						
	1995	2000	2005	2009	2010	2011	2012	1995	2000	2005	2009	2010	2011	2012
Ukraine	65,0	53,4	63,5	70,0	68,9	82,6	79,0	96,4	109,8	100,1	98,2	98,5	119,9	95,5
Autonomous Republic of Crimea	53,1	43,6	46,7	67,6	64,9	73,3	58,8	101,0	113,5	105,6	104,8	96,1	113,0	80,2
oblasts														
Vinnitsya	67,4	53,8	59,3	71,1	71,1	85,0	81,7	92,3	112,6	102,7	97,0	100,0	119,6	96,2
Volyn	59,8	54,9	63,0	65,1	66,3	72,7	77,8	101,2	106,0	100,3	100,6	101,9	109,6	107,0
Dnipropetrovsk	69,1	55,0	73,9	83,4	84,4	99,0	78,9	96,3	114,8	107,1	95,4	101,3	117,2	79,7
Donetsk	65,7	56,8	71,7	67,4	68,7	82,3	78,0	106,6	120,3	102,4	96,2	102,0	119,7	94,8
Zhytomyr	68,9	51,8	54,9	57,1	57,2	65,1	71,6	96,5	105,8	97,9	103,1	100,1	113,8	110,0
Zakarpattia	79,8	78,2	89,4	94,4	91,7	96,7	100,5	104,5	108,3	99,2	103,7	97,1	105,4	104,0
ZapORIZHZHYA	59,7	47,6	59,0	58,0	59,3	67,8	54,9	99,9	101,0	105,9	88,1	102,1	114,3	81,1
Ivano-Frankivsk	81,2	73,4	77,4	82,5	83,2	94,3	100,2	102,5	110,1	99,6	108,8	100,8	113,3	106,3
Kyiv	71,6	54,0	71,8	81,6	81,1	96,2	104,5	93,7	112,9	107,1	98,3	99,4	118,6	108,5
Kirovohrad	63,5	48,6	68,1	67,6	68,9	85,4	72,6	97,7	111,2	99,6	89,4	101,9	124,0	85,0
Luhansk	58,0	41,2	61,4	56,3	51,3	64,2	65,0	100,0	92,0	120,8	87,7	91,0	125,3	101,3
Lviv	66,9	67,3	68,9	74,4	71,2	81,2	84,6	92,3	108,3	98,5	101,9	95,7	114,0	104,2
Mykolayiv	58,3	41,1	57,1	69,4	70,3	78,8	65,3	102,0	91,9	88,6	100,5	101,3	112,2	82,8
Odesa	58,7	58,2	66,2	62,9	69,0	73,7	59,2	100,2	98,9	83,0	91,2	109,7	106,8	80,3
Poltava	66,3	43,5	63,7	75,9	68,0	92,2	82,8	97,6	104,8	104,8	99,8	89,5	135,7	89,8
Rivne	66,6	56,7	61,7	68,2	69,7	77,4	79,9	96,1	106,5	93,7	100,4	102,3	110,9	103,3
Sumy	62,9	50,9	51,0	54,5	49,0	67,0	70,1	90,3	124,3	96,3	99,7	89,9	136,7	104,7
Ternopil	66,5	55,3	55,3	64,4	61,1	76,5	83,4	91,8	116,3	99,0	102,0	94,9	125,2	109,0
Kharkiv	65,3	55,8	71,7	64,6	57,2	84,9	78,0	98,4	116,5	107,9	89,0	88,6	148,3	91,9
Kherson	55,7	53,6	62,2	76,5	78,7	96,3	80,5	91,3	100,2	100,4	101,2	102,9	122,4	83,6
KhmELNYTSKIY	70,3	57,8	54,8	65,9	65,6	75,8	87,5	93,1	114,4	87,6	104,2	99,6	115,5	115,3
Cherkasy	66,7	57,9	73,2	104,7	109,2	128,5	124,4	93,2	122,6	106,6	109,0	104,3	117,6	96,8
Chernivtsi	71,7	63,3	70,9	78,8	81,1	89,9	90,8	96,2	111,6	101,5	103,5	103,0	110,8	101,0
Chernihiv	66,8	49,0	54,5	58,9	51,0	66,2	71,6	89,4	115,2	90,1	98,6	86,6	129,9	108,2

8.12. Operating agricultural enterprises in 2012, by organisational and legal form of business, by region

(as of July 1)

	Total	Including					
		business partnerships	private enterprises	producers' cooperatives	farms	public enterprises	enterprises of other forms of business
Ukraine	55866	8121	4183	856	40732	294	1680
Autonomous Republic of Crimea	1992	328	158	92	1316	27	71
oblasts							
Vinnitsya	2584	422	207	42	1778	11	124
Volyn	1089	154	83	81	716	7	48
Dnipropetrovsk	4359	707	256	26	3274	20	76
Donetsk	2079	318	86	10	1574	7	84
Zhytomyr	1316	278	176	28	780	6	48
Zakarpattia	1698	102	25	7	1539	7	18
Zaporizhzhya	3020	385	201	36	2319	13	66
Ivano-Frankivsk	784	101	72	27	567	3	14
Kyiv	2070	426	155	35	1368	25	61
Kirovohrad	3179	358	228	36	2509	7	41
Luhansk	1741	200	152	10	1317	4	58
Lviv	1450	246	161	18	993	7	25
Mykolayiv	4761	293	264	14	4041	12	137
Odesa	6533	474	289	115	5507	19	129
Poltava	2445	360	177	30	1744	20	114
Rivne	823	110	103	56	520	6	28
Sumy	1216	300	117	20	728	14	37
Ternopil	1233	177	212	6	782	5	51
Kharkiv	1900	401	234	18	1174	22	51
Kherson	3112	340	237	29	2412	13	81
Khmelnyskiy	1853	282	120	41	1307	10	93
Cherkasy	1856	425	158	12	1143	6	112
Chernivtsi	1007	105	93	14	762	6	27
Chernihiv	1099	305	142	36	551	10	55
city							
Kyiv	667	524	77	17	11	7	31

8.13. Distribution of operating agricultural enterprises in 2012, by size of agricultural lands

	Total	Percent of the total number	Area of agricultural lands, thsd.ha	Percent of the total area of agricultural land of enterprises
Enterprises that have agricultural lands	47652	85,3	21914,2	100,0
including with the area, ha				
under 5,0	5332	9,5	16,8	0,1
5,1–10,0	3809	6,8	30,0	0,1
10,1–20,0	4795	8,6	74,2	0,3
20,1–50,0	13334	23,9	504,3	2,4
50,1–100,0	5016	9,0	360,9	1,6
100,1–500,0	7261	13,0	1777,4	8,1
500,1–1000,0	2624	4,7	1883,9	8,6
1000,1–2000,0	2565	4,6	3683,6	16,8
2000,1–3000,0	1270	2,3	3102,5	14,2
3000,1–4000,0	632	1,1	2178,9	9,9
4000,1–5000,0	334	0,6	1481,8	6,8
5000,1–7000,0	337	0,6	1959,1	8,9
7000,1–10000,0	179	0,3	1504,3	6,9
over 10000,0	164	0,3	3356,5	15,3
Enterprises that do not have agricultural land	8214	14,7	×	×

8.14. Tractors, harvesting combines and trucks in agricultural enterprises

(end of year; thsd.pcs)

	Tractors	Harvesting combines	Trucks
1990	495	107	296
1995	469	91	278
2000	319	65	227
2001	296	61	209
2002	274	57	195 ¹
2003	251	54	177 ¹
2004	230	50	160
2005	217	47	147
2006	201	44	133
2007	187	41	122
2008	177	39	115
2009	169	38	109
2010	151	33	104
2011	147	32	101
2012	151	32	96

¹ Average number

8.15. Costs structure for agricultural output in agricultural enterprises

(percent)

	2010			2011			2012		
	total	crop growing	cattle raising	total	crop growing	cattle raising	total	crop growing	cattle raising
Total costs	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Labour remuneration	9,1	8,6	10,0	9,1	8,8	9,7	9,4	9,5	9,2
Social contributions	3,2	3,1	3,6	3,1	2,9	3,6	3,4	3,5	3,4
Material expenses	<u>70,0</u> 100,0	<u>65,9</u> 100,0	<u>78,4</u> 100,0	<u>71,2</u> 100,0	<u>68,2</u> 100,0	<u>78,8</u> 100,0	<u>68,6</u> 100,0	<u>64,7</u> 100,0	<u>79,1</u> 100,0
including on									
seeds and planting stock	11,6	18,4	×	11,7	17,1	×	13,4	19,4	×
fodder	26,2	×	71,0	23,5	×	73,7	21,8	×	69,7
other agricultural produce	2,8	0,9	5,9	1,9	0,9	4,2	3,9	1,9	8,2
fertilisers	15,4	24,4	×	17,1	25,1	×	16,5	24,0	×
refined products	14,2	20,2	3,9	15,0	20,4	3,7	13,9	18,7	3,5
electricity	2,3	1,6	3,6	2,2	1,5	3,7	2,0	1,3	3,6
fuels	1,5	1,3	2,0	1,9	1,5	2,6	1,9	1,6	2,7
spare parts, repair and construction materials	6,9	8,9	3,5	7,0	8,6	3,4	7,0	8,6	3,5
payments of contracted operations and services	19,1	24,3	10,1	19,7	24,9	8,7	19,6	24,5	8,8
Depreciation of fixed assets	5,3	5,9	3,9	4,9	5,4	3,6	5,3	5,7	4,1
Other costs	<u>12,4</u> 100,0	<u>16,5</u> 100,0	<u>4,1</u> 100,0	<u>11,7</u> 100,0	<u>14,7</u> 100,0	<u>4,3</u> 100,0	<u>13,3</u> 100,0	<u>16,7</u> 100,0	<u>4,2</u> 100,0
of which rent payments for									
land shares (stocks)	56,7	63,6	×	54,8	61,3	×	59,2	64,7	×
property shares	0,8	0,8	1,0	0,6	0,5	1,3	0,4	0,4	0,5

8.16. Profitability of production of agricultural products by agricultural enterprises

(percent)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Agricultural production	42,6	13,6	-1,0	6,8	2,8	15,6	13,4	13,8	21,1	27,0	20,5
Crop output	98,3	55,5	30,8	7,9	11,3	32,7	19,6	16,9	26,7	32,3	22,3
Grain crops	275,1	85,6	64,8	3,1	7,4	28,7	16,4	7,3	13,9	26,1	15,2
Sugar beets (for processing)	29,5	31,2	6,1	4,8	11,1	-11,1	7,1	37,0	16,7	36,5	15,7
Sunflower seeds	236,5	170,9	52,2	24,3	20,7	75,9	18,4	41,4	64,7	57,0	45,8
Potatoes	27,2	34,3	14,0	17,8	56,2	24,7	7,9	12,9	62,1	17,7	-21,5
Vegetables grown in the open ground	27,6	12,8	-1,7	16,1	14,8	14,1	11,1	19,1	23,5	9,9	-6,8
Fruit	83,8	20,3	-1,1	12,7	33,5	8,5	13,9	16,2	14,9	17,9	8,8
Grapes	71,7	74,0	62,7	31,7	39,6	33,2	58,8	92,1	91,6	57,1	72,6
Animal production	22,2	-16,5	-33,8	5,0	-11,0	-13,4	0,1	5,5	7,8	13,0	14,3
Cattle for meat	20,6	-19,8	-42,3	-25,0	-38,4	-41,0	-24,1	-32,9	-35,9	-24,8	-29,5
Pigs for meat	20,7	-16,7	-44,3	14,9	-9,2	-27,6	0,3	12,1	-7,8	-3,7	2,0
Sheep and goats for meat	2,3	-31,9	-46,4	-32,1	-34,3	-46,4	-38,6	-31,8	-29,5	-39,6	-40,0
Poultry for meat	17,0	-18,4	-33,2	24,9	12,1	-19,0	-11,3	-22,5	-4,4	-16,8	-7,2
Milk	32,2	-23,2	-6,0	12,2	-3,7	13,8	4,1	1,4	17,9	18,5	2,3
Eggs	27,3	36,5	10,6	23,5	-6,8	9,1	13,0	13,1	18,6	38,8	52,6
Wool	-2,4	-61,3	-75,8	-72,8	-78,1	-80,6	-74,7	-79,4	-82,2	-70,6	-61,0

8.17. Profitability of production of agricultural activities in agricultural enterprises, by region

(percent)

	2010			2011			2012		
	agricultural production	of which		agricultural production	of which		agricultural production	of which	
		crop growing	cattle raising		crop growing	cattle raising		crop growing	cattle raising
Ukraine	21,1	26,7	7,8	27,0	32,3	13,0	20,5	22,3	14,3
Autonomous Republic of Crimea	12,8	16,1	4,1	23,7	27,0	12,2	8,8	9,0	8,1
oblasts									
Vinnitsya	19,4	25,5	-4,8	24,9	29,3	3,3	15,3	17,9	0,1
Volyn	9,0	21,5	-0,7	19,7	28,2	11,4	15,5	22,1	5,7
Dnipropetrovsk	28,1	41,8	4,0	32,2	44,8	2,6	17,9	22,1	6,4
Donetsk	25,7	27,1	24,2	30,8	30,9	30,7	22,7	21,0	25,2
Zhytomyr	7,3	16,5	-10,9	12,2	18,3	-3,6	19,2	27,9	-8,4
Zakarpattia	-13,3	-11,3	-15,7	-0,5	3,3	-5,4	6,3	13,1	-2,7
Zaporizhzhya	30,6	39,9	3,9	28,5	39,9	-1,1	14,4	19,1	-0,2
Ivano-Frankivsk	29,3	16,4	34,9	32,0	5,2	46,6	38,0	17,4	52,8
Kyiv	31,1	25,2	38,0	39,0	35,9	43,6	34,1	27,4	46,3
Kirovohrad	40,7	45,6	-17,3	42,5	48,7	-4,4	33,7	36,5	4,4
Luhansk	11,6	20,5	-6,4	27,7	34,5	12,7	28,5	30,5	21,4
Lviv	27,6	39,6	0,7	21,4	27,0	6,2	2,2	4,6	-4,9
Mykolayiv	35,8	42,6	-2,5	33,5	41,6	-7,7	28,3	33,6	-4,5
Odesa	20,1	26,6	-18,1	18,8	23,7	-20,7	6,1	9,0	-20,2
Poltava	21,7	28,0	5,4	27,6	34,7	6,5	16,1	18,7	4,8
Rivne	5,9	7,7	0,8	9,7	11,0	5,3	9,6	10,8	5,1
Sumy	-0,6	3,6	-11,5	11,0	15,6	-2,9	17,0	22,7	-9,2
Ternopil	16,1	18,1	2,1	27,5	30,9	5,1	15,3	16,4	7,7
Kharkiv	17,6	23,3	5,2	27,5	36,7	5,2	23,0	26,6	8,8
Kherson	18,7	21,8	2,5	24,4	28,3	3,4	10,4	12,3	1,5
Khmelnyskiy	14,0	19,7	-0,1	21,6	21,5	21,7	24,9	17,2	57,6
Cherkasy	18,1	25,2	1,6	27,1	36,3	7,9	24,9	30,6	6,9
Chernivtsi	-1,2	-0,3	-1,9	13,4	15,4	10,9	8,9	9,0	8,8
Chernihiv	2,8	7,1	-6,0	14,6	21,2	0,2	16,7	23,2	-10,5
city									
Kyiv	25,2	30,8	1,3	42,9	50,7	-2,6	30,2	36,7	6,1

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8.18. Sales of agricultural products by agricultural enterprises

(thsd.t)

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Grain crops	18498,8	13108,8	10725,6	19458,4	13965,4	24763,1	31686,3	23661,7	28609,0	33668,8
of which										
wheat	...	7415,5	5364,2	10045,2	7455,5	13193,9	15675,4	10397,9	12055,0	12573,0
rye	...	425,9	437,3	479,1	222,3	376,9	580,1	389,4	208,2	337,4
corn	...	433,4	1046,4	4029,6	3049,2	4963,8	8178,7	7069,1	12231,7	16568,8
barley	...	2468,4	2190,9	3857,2	2575,7	5504,5	6085,8	4870,0	3343,4	3249,0
oats	...	120,7	290,6	277,3	174,6	170,2	279,0	260,1	95,1	116,1
millet	...	66,7	174,1	118,0	48,5	67,4	117,3	114,9	83,0	117,8
buckwheat	...	64,1	156,6	134,8	106,0	118,6	150,0	104,6	111,9	121,6
rice	...	32,0	49,1	54,3	75,4	53,9	71,3	82,2	82,8	106,1
legumes	...	177,7	155,0	331,9	167,5	183,5	372,7	279,9	268,1	281,7
Oil crops	2200,0	1424,3	2284,3	2612,4	4433,8	5541,9	7239,2	7756,7	7907,5	10784,8
Sugar beets (including goods for processing)	43282,7	27941,8	10971,3	10956,3	13082,9	10543,3	6347,5	9767,5	11873,4	10816,9
Potatoes	1640,6	185,1	85,5	116,9	175,2	257,0	306,3	290,7	349,3	437,8
Vegetables	4224,1	1073,9	535,7	397,5	430,5	550,6	807,1	646,0	900,0	961,6
Fruit and berries	1148,6	260,8	209,1	168,9	170,5	190,6	180,5	230,8	230,1	283,8
Grapes	604,4	221,6	298,7	148,4	132,7	182,2	206,5	164,9	187,8	192,2
Cattle and poultry (live weight)	4421,8	1896,0	969,3	902,4	1312,1	1342,1	1448,4	1586,8	1686,5	1736,4
Milk and dairy products	18023,0	6766,2	2683,7	2121,3	1824,8	1834,3	1993,9	2004,1	2061,3	2360,1
Eggs, mln.pcs	8688,0	3642,1	2643,7	5700,3	6746,9	7728,9	8565,7	9415,7	10790,2	11156,3
Wool, t	27106,5	7804,2	1387,7	546,7	622,0	659,0	722,2	517,9	543,5	404,3

8.19. Structure of agricultural sales by agricultural enterprises

(percent of the total sales)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
To processing enterprises											
Grain crops	80,4	37,5	4,0	5,2	4,6	5,1	4,4	3,9	3,4	3,6	3,7
Oil crops	98,9	5,1	2,4	4,0	4,0	3,9	4,5	4,5	4,2	5,2	4,9
Sugar beets	100,0	99,6	93,0	90,4	91,0	92,4	93,4	91,4	93,3	92,9	94,3
Potatoes	85,1	15,2	16,9	11,3	11,0	12,5	10,9	6,9	7,4	7,8	8,7
Vegetables	89,4	39,6	13,3	13,5	15,6	8,8	22,6	36,9	37,2	44,4	41,5
Fruit and berries	86,8	40,4	16,1	13,4	15,3	26,7	30,6	32,2	25,0	27,9	25,9
Grapes	96,4	64,8	68,4	34,8	35,1	30,5	36,1	33,4	29,6	43,8	38,9
Cattle and poultry	94,8	46,1	21,6	30,9	35,2	34,6	30,5	25,6	25,5	24,2	23,0
Milk and dairy products	99,1	87,2	66,3	85,0	88,3	90,4	92,7	92,6	92,7	94,6	94,0
Eggs	98,1	56,8	20,0	0,4	0,3	0,2	0,1	0,1	0,2	1,6	2,1
Wool	100,0	60,3	28,7	35,6	43,5	52,3	63,5	54,8	46,9	32,0	24,0
On the market											
Grain crops	3,2	19,2	34,8	10,0	9,9	8,7	7,9	6,6	7,1	4,9	3,7
Oil crops	0,3	27,7	46,4	11,3	9,1	7,6	6,9	5,8	5,0	3,6	2,9
Sugar beets	—	0,2	4,0	0,1	0,1	0,0	0,0	0,1	0,0	0,0	0,0
Potatoes	9,4	42,7	44,8	17,2	18,4	12,9	15,3	12,3	12,6	4,1	5,2
Vegetables	8,0	41,2	47,0	31,8	27,3	29,8	18,5	11,9	12,2	7,6	7,1
Fruits and berries	9,8	40,6	49,8	33,0	33,8	28,6	28,1	29,2	25,1	20,0	15,6
Grapes	3,0	21,9	16,1	15,4	18,0	9,4	6,9	9,4	8,9	7,4	6,4
Cattle and poultry	1,8	26,2	38,4	19,1	9,1	7,8	7,9	7,9	7,5	6,9	6,7
Milk and dairy products	0,1	8,9	21,2	3,8	3,0	2,1	1,5	1,9	1,9	1,8	1,6
Eggs	1,3	34,2	66,2	29,2	27,0	24,5	23,9	21,5	20,0	17,1	15,5
Wool	—	33,5	51,1	13,2	8,4	8,4	7,3	8,4	9,4	16,3	13,8
Population in payment of labour remuneration and those with shares in payment of rent											
Grain crops	13,2	30,3	34,7	15,2	14,3	13,6	10,7	8,4	10,5	8,8	6,3
Oil crops	0,8	11,9	14,7	3,4	2,0	1,3	1,3	1,1	0,8	0,7	0,4
Sugar beets	—	0,1	0,5	0,1	0,1	0,0	0,0	0,0	0,0	0,0	0,0
Potatoes	5,2	32,2	22,0	4,4	3,0	2,3	2,3	1,3	1,4	0,6	0,3
Vegetables	2,6	15,1	24,0	4,4	3,0	2,0	1,3	0,7	0,8	0,4	0,3
Fruit and berries	3,4	14,6	23,4	6,4	5,0	4,0	2,3	1,7	0,8	0,5	0,5
Grapes	0,6	11,5	5,8	1,4	0,7	0,5	0,2	0,2	0,1	0,0	0,0
Cattle and poultry	3,3	16,4	32,4	4,9	3,3	2,5	1,7	1,4	1,1	0,7	0,7
Milk and dairy products	0,8	3,1	7,7	1,6	1,3	0,8	0,5	0,4	0,4	0,2	0,2
Eggs	0,4	4,8	5,9	1,9	1,2	0,7	0,7	0,8	0,6	0,5	0,2
Wool	—	—	13,5	2,5	0,5	0,3	0,2	1,7	0,8	0,5	0,8
Through other channels											
Grain crops	3,2	13,0	26,5	69,6	71,6	72,6	77,0	81,1	79,0	82,7	86,3
Oil crops	0,0	55,3	36,5	81,3	84,9	87,2	87,3	88,6	90,0	90,5	91,8
Sugar beets	—	0,1	2,5	9,4	8,8	7,6	6,6	8,5	6,7	7,1	5,7
Potatoes	0,3	9,9	16,3	67,1	67,6	72,3	71,5	79,5	78,6	87,5	85,8
Vegetables	0,0	4,1	15,7	50,3	54,1	59,4	57,6	50,5	49,8	47,6	51,1
Fruit and berries	0,0	4,4	10,7	47,2	45,9	40,7	39,0	36,9	49,1	51,6	58,0
Grapes	0,0	1,8	9,7	48,4	46,2	59,6	56,8	57,0	61,4	48,8	54,7
Cattle and poultry	0,1	11,3	7,6	45,1	52,4	55,1	59,9	65,1	65,9	68,2	69,6
Milk and dairy products	—	0,8	4,8	9,6	7,4	6,7	5,3	5,1	5,0	3,4	4,2
Eggs	0,2	4,2	7,9	68,5	71,5	74,6	75,3	77,6	79,2	80,8	82,2
Wool	—	6,2	6,7	48,7	47,6	39,0	29,0	35,1	42,9	51,2	61,4

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8.20. Total land area and agricultural land in 2012

(source: the State Agency of Land Resources of Ukraine;
end of year; thsd.ha)

	Total land area	Total agricultural land	Of which		
			arable fields	hay fields	pastures
Total land	60354,9	41536,3	32518,4	2410,5	5459,6
Lands of agricultural enterprises and households	37809,3	36480,6	31035,7	1594,9	2919,7
Land of agricultural enterprises	21409,0	20665,5	19395,4	392,1	673,1
the state	1145,2	963,1	802,5	31,3	93,8
the non-state	20263,8	19702,4	18592,9	360,8	579,3
Private lands	16400,3	15815,1	11640,3	1202,8	2246,6
Lands of other users	22545,6	5055,7	1482,7	815,6	2539,9

8.21. Irrigated and drained land area

(source: the State Agency of Land Resources of Ukraine;
end of year; thsd.ha)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Drained land											
Total land	3220	3299	3299	3307	3307	3307	3307	3307	3307	3307	3307
including lands of agricultural enterprises	3004	2713	2164	1272	1153	1088	1063	992	942	918	939
of which with closed drainage	2181	2041	1727	1030	936	889	877	820	779	761	784
Irrigated land											
Total land	2601	2585	2408	2183	2181	2181	2179	2179	2178	2177	2171
including lands of agricultural enterprises	2600	2568	2292	1688	1657	1644	1615	1576	1540	1526	1543

8.22. Sown area for basic agricultural crops in 1940–2012

(thsd.ha)

	Total sown area	Of which				
		grain crops	sugar beets (for processing)	sunflowers	potatoes	vegetables grown 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
2001	27928	15586	970	2502	1604	490
2002	27539	15448	897	2834	1590	479
2003	25081	12495	773	4001	1585	480
2004	26752	15433	732	3521	1556	476
2005	26044	15005	652	3743	1514	465
2006	25928	14515	815	3964	1464	469
2007	26060	15115	610	3604	1453	451
2008	27133	15636	380	4306	1413	458
2009	26990	15837	322	4232	1409	451
2010	26952	15090	501	4572	1408	462
2011	27670	15724	532	4739	1439	498
2012	27801	15449	458	5194	1440	494

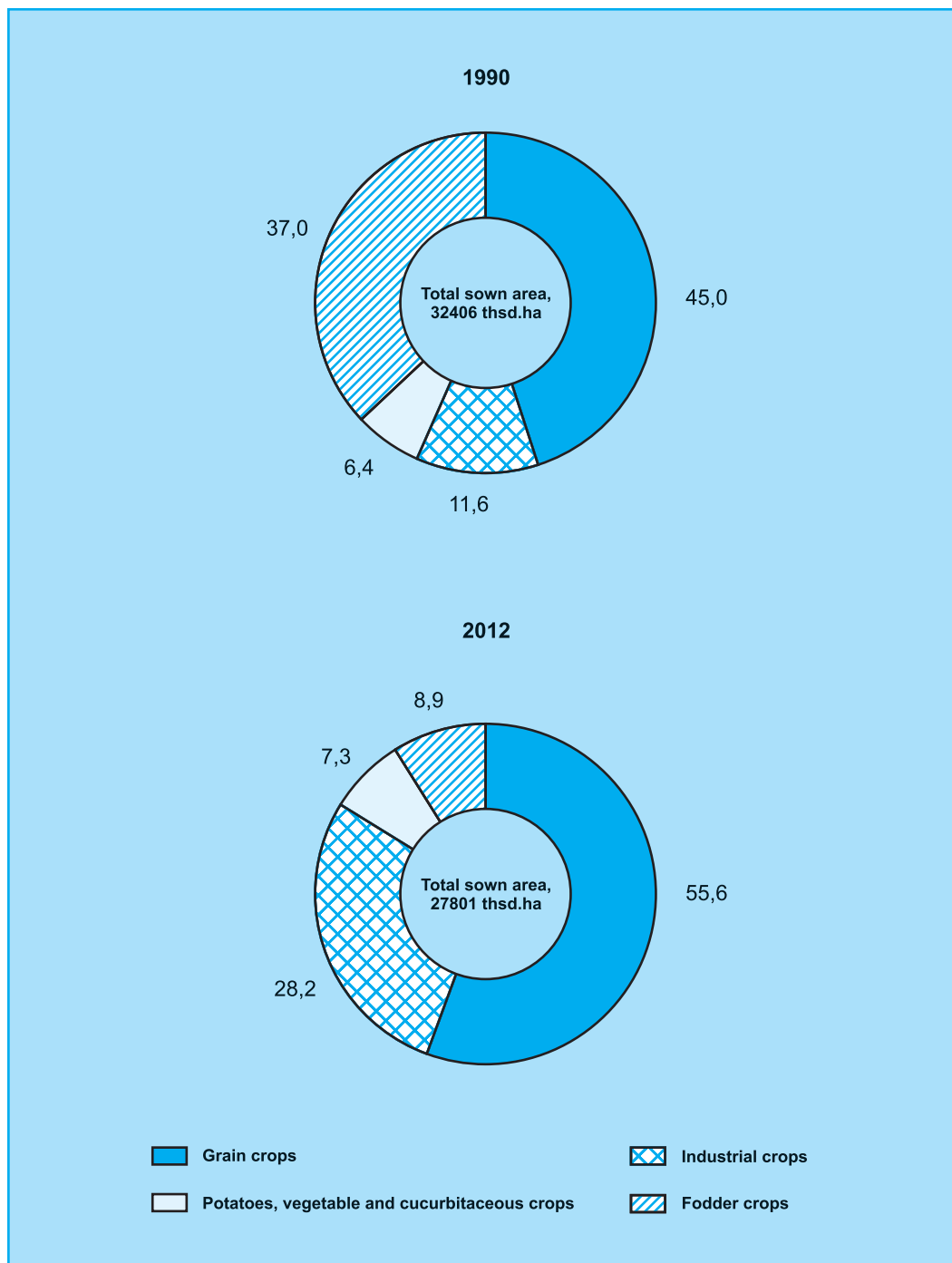
8.23. Sown area for basic agricultural crops

(thsd. ha)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total sown area	32406	30963	27173	26044	25928	26060	27133	26990	26952	27670	27801
Grain crops	14583	14152	13646	15005	14515	15115	15636	15837	15090	15724	15449
Winter crops	8614	6310	6324	7289	5884	6725	8127	8308	7904	7987	6537
wheat	7568	5324	5316	6185	5089	5817	6802	6518	6137	6499	5534
rye	518	609	668	622	373	349	466	468	286	283	302
barley	528	377	340	482	422	559	859	1322	1481	1205	701
Summer crops	5969	7842	7322	7716	8631	8390	7509	7529	7186	7737	8912
of which											
wheat	9	185	303	480	494	471	314	334	314	282	238
barley	2201	4130	3645	4018	4883	4417	3360	3800	3024	2582	2724
oats	492	570	521	468	474	404	456	433	326	288	310
corn	1234	1174	1364	1711	1777	2087	2516	2149	2709	3620	4625
millet	205	167	437	141	136	122	153	119	95	169	191
buckwheat	350	459	574	426	398	352	302	273	225	311	300
rice	28	22	26	21	22	21	20	25	29	30	26
legumes	1424	1103	408	422	406	438	263	371	429	374	318
of which											
peas	1287	996	307	326	339	362	206	286	305	275	219
vetch and vetch mixtures for again	79	65	54	44	29	30	19	28	32	22	18
Industrial crops	3751	3748	4187	5260	6105	5920	6778	6545	7296	7441	7854
of which											
sugar beets (for processing)	1607	1475	856	652	815	610	380	322	501	532	458
sunflowers	1636	2020	2943	3743	3964	3604	4306	4232	4572	4739	5194
rape	90	49	214	207	414	891	1412	1060	907	870	566
soya	93	25	65	438	751	671	558	644	1076	1134	1476
flax	172	98	23	25	14	13	7	2	1	2	2
Potatoes, vegetables and cucurbitaceous crops	2073	2165	2277	2041	2031	1997	1967	1950	1967	2028	2023
of which											
potatoes	1429	1532	1629	1514	1464	1453	1413	1409	1408	1439	1440
vegetables grown in open ground (without seed crops)	456	503	538	465	469	451	458	451	462	498	494
Fodder crops	11999	10898	7063	3738	3277	3028	2752	2658	2599	2477	2475
of which											
fodder roots (including fodder sugar beets)	624	480	285	294	277	275	259	247	244	236	230
corn for silage and green fodder	4637	3475	1920	774	675	629	518	485	473	445	497
annual hay grass (including winter crops used for green fodder)	2583	2879	1765	891	717	614	567	585	583	531	499
perennial hay grass (hay grass sown in the previous and current years)	3986	3906	2985	1702	1549	1459	1357	1289	1238	1207	1195
<i>Fallow land</i>	<i>1427</i>	<i>1570</i>	<i>3213</i>	<i>2428</i>	<i>1866</i>	<i>1625</i>	<i>1413</i>	<i>1523</i>	<i>1465</i>	<i>1211</i>	<i>1247</i>

8.24. Structure of sown area for basic agricultural crops

(percent of the total area)



8.25. Sown area for agricultural crops in 2012, by region

(thsd.ha)

	Total sown area	Of which			
		grain crops	industrial crops	potatoes, vegetables and cucurbitaceous crops	fodder crops
Ukraine	27801	15449	7854	2023	2475
Autonomous Republic of Crimea	780	564	137	41	38
oblasts					
Vinnitsya	1613	869	446	131	167
Volyn	522	271	60	80	111
Dnipropetrovsk	1901	1129	592	91	89
Donetsk	1422	761	462	93	106
Zhytomyr	796	400	158	72	166
Zakarpattia	192	90	6	50	46
Zaporizhzhya	1590	823	643	60	64
Ivano-Frankivsk	358	156	43	72	87
Kyiv	1153	630	289	126	108
Kirovohrad	1651	823	705	62	61
Luhansk	1012	529	375	54	54
Lviv	597	290	80	122	105
Mykolayiv	1485	837	536	43	69
Odesa	1783	1158	453	77	95
Poltava	1711	951	511	92	157
Rivne	529	256	80	81	112
Sumy	1093	667	248	78	100
Ternopil	797	505	147	77	68
Kharkiv	1726	976	491	120	139
Kherson	1324	642	512	97	73
Khmelnyskiy	1112	614	287	79	132
Cherkasy	1205	670	335	82	118
Chernivtsi	306	138	67	47	54
Chernihiv	1143	700	191	96	156

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8.26. Harvested area

(thsd.ha)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Grain crops	14522	13963	12587	14605	14192	13428	15381	15470	14576	15321	14792
Winter crops	8592	6277	5846	7187	5807	6334	8058	8196	7698	7848	6372
wheat	7549	5299	4888	6105	5029	5516	6747	6430	5982	6390	5400
rye	517	605	636	608	359	336	458	460	279	278	297
barley	526	373	322	474	419	482	853	1306	1437	1180	675
Summer crops	5930	7686	6741	7418	8385	7094	7323	7274	6878	7473	8420
of which											
wheat	9	180	273	466	482	435	307	323	302	267	230
barley	2186	4040	3367	3876	4818	3607	3314	3688	2880	2504	2618
oats	486	560	481	450	442	356	445	416	311	280	301
corn grain	1223	1161	1279	1660	1720	1903	2440	2089	2648	3544	4372
millet	197	158	367	120	115	92	142	102	85	156	153
buckwheat	362	448	529	396	360	310	282	254	199	286	273
rice	28	22	25	21	22	21	20	25	29	30	26
legumes	1414	1085	383	401	389	315	257	355	391	336	303
Sugar beets (for processing)	1605	1448	747	623	788	577	377	320	492	516	449
Sunflowers	1626	2008	2842	3689	3911	3411	4279	4193	4526	4717	5082
Rape	90	47	157	195	387	800	1380	1014	863	833	547
Soya	88	23	61	422	715	583	538	623	1037	1110	1412
Flax	169	96	20	24	10	11	6	2	1	1	2
Potatoes	1433	1531	1631	1516	1461	1453	1409	1412	1412	1443	1444
Vegetables	447	489	519	464	470	449	458	456	468	504	503
Fodder roots (including fodder sugar beets)	683	496	281	294	277	276	260	249	246	238	232
Corn for silage and green fodder	4730	3493	1843	766	666	617	513	483	469	444	494
Annual hay grass	309	264	289	342	320	288	291	283	298	274	291
Perennial hay grass	1425	1442	1249	1001	943	915	931	902	903	907	902

8.27. Area planted with fruit and berries, and grapes

(thsd.ha)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Area for fruit and berry plantations	851	794	425	299	281	271	267	260	255	255	255
of which fruit-bearing	680	637	378	266	248	238	233	229	223	223	223
Vineyards	176	155	110	96	93	93	93	91	87	84	78
of which fruit-bearing	143	138	99	81	76	71	71	71	68	69	68

8.28. Output of basic agricultural crops in 1913–2012

(thsd.t)

	Grain crops		Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruit and berries	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
2001	39706	21348	15575	2251	17344	5907	1106	336
2002	38804	20556	14452	3271	16619	5827	1211	359
2003	20234	3599	13392	4254	18453	6538	1697	505
2004	41809	17520	16600	3050	20755	6964	1635	374
2005	38016	18699	15468	4706	19462	7295	1690	443
2006	34258	13947	22421	5324	19467	8058	1114	301
2007	29295	13938	16978	4174	19102	6835	1470	360
2008	53290	25885	13438	6526	19545	7965	1504	415
2009	46028	20886	10067	6364	19666	8341	1618	469
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

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8.29. Output of basic agricultural crops

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Grain crops	51009	33930	24459	38016	34258	29295	53290	46028	39271	56747	46216
Winter crops	33560	18163	11348	19744	14444	14609	28763	24608	19899	25458	17132
wheat	30348	15969	9775	17683	12880	13173	25050	20037	16217	21645	15132
rye	1259	1207	966	1053	582	561	1050	952	463	577	675
barley	1953	987	607	1008	982	875	2663	3619	3219	3236	1325
Summer crops	17449	15767	13111	18272	19814	14686	24527	21420	19372	31289	29084
of which											
wheat	26	304	422	1016	1067	765	835	849	634	679	631
barley	7216	8646	6265	7967	10359	5106	9949	8214	5266	5862	5611
oats	1303	1116	881	791	690	544	944	731	459	506	630
corn grain	4737	3392	3848	7167	6426	7421	11447	10486	11953	22838	20961
millet	338	268	426	141	123	84	221	139	117	279	157
buckwheat	420	341	481	275	229	217	241	189	134	282	239
rice	118	80	90	93	100	108	101	143	148	170	160
legumes	3266	1570	652	758	747	357	550	622	592	491	473
Sugar beets (for processing)	44264	29650	13199	15468	22421	16978	13438	10067	13749	18740	18439
Sunflowers	2571	2860	3457	4706	5324	4174	6526	6364	6772	8671	8387
Rape	130	40	132	285	606	1047	2873	1873	1470	1437	1204
Soya	99	22	64	613	890	723	813	1044	1680	2264	2410
Flax (fiber)	108	48	8	13	5	4	3	1	0	1	2
Potatoes	16732	14729	19838	19462	19467	19102	19545	19666	18705	24248	23250
Vegetables	6666	5880	5821	7295	8058	6835	7965	8341	8122	9833	10017
Fodder roots (of which fodder sugar beets)	27270	13470	6672	8015	7746	7525	8011	7534	6771	7429	6993
Corn for silage and green fodder	98372	61920	24183	12509	10315	8739	9163	8597	7511	9994	8268
Annual hay grass	1104	774	647	942	962	799	902	866	953	936	917
Perennial hay grass	5511	4368	2572	2969	2989	2758	3287	2903	3238	3443	3294
Fruit and berries	2902	1897	1453	1690	1114	1470	1504	1618	1747	1896	2009
Grapes	836	457	514	443	301	360	415	469	408	522	456

8.30. Output of basic agricultural crops, by category of enterprises

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Agricultural enterprises											
Grain crops	49564	31182	19964	28791	25698	22848	42094	35842	29779	44219	36075
Sugar beets (for processing)	44261	28884	11594	12146	19042	14764	11796	9151	12663	17145	16838
Sunflowers	2509	2734	3025	3710	4156	3374	5289	5177	5586	7289	7131
Potatoes	4793	618	277	239	275	389	437	518	483	752	757
Vegetables	4872	1607	986	781	974	713	1109	1120	964	1541	1434
Fruit and berries	1347	311	264	200	136	198	232	215	287	300	369
Grapes	665	336	360	258	155	235	282	310	260	337	293
of which farms											
Grain crops	0	508	1256	4083	4227	3250	6857	5556	4703	6735	5046
Sugar beets (for processing)	—	652	755	1373	2360	1410	818	454	1155	1345	1234
Sunflowers	0	86	347	735	847	689	1183	1139	1208	1646	1589
Potatoes	—	16	56	85	94	117	136	133	161	258	251
Vegetables	0	27	83	156	224	168	276	224	212	384	347
Fruit and berries	0	1	4	11	11	13	23	23	37	39	44
Grapes	0	0	1	3	3	6	7	9	7	14	16
Agricultural holdings of households											
Grain crops	1445	2748	4495	9225	8560	6447	11196	10186	9492	12528	10141
Sugar beets (for processing)	3	766	1605	3322	3379	2214	1642	916	1086	1595	1601
Sunflowers	62	126	432	996	1168	800	1237	1187	1186	1382	1256
Potatoes	11939	14111	19561	19223	19192	18713	19108	19148	18222	23496	22493
Vegetables	1794	4273	4835	6514	7084	6122	6856	7221	7158	8292	8583
Fruit and berries	1555	1586	1189	1490	978	1272	1272	1403	1460	1596	1640
Grapes	171	121	154	185	146	125	133	159	148	185	163

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8.31. Output of grain crops, by region

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	51009	33930	24459	38016	34258	29295	53290	46028	39271	56747	46216
Autonomous Republic of Crimea	1988	1505	1064	1160	1221	1228	1734	1662	1404	1931	908
oblasts											
Vinnitsya	3074	2230	1745	2035	2075	1686	3378	3092	3111	4244	3625
Volyn	922	819	503	677	524	573	717	640	579	748	869
Dnipropetrovsk	3552	2043	1571	2908	2635	1672	3694	2817	2709	3456	1554
Donetsk	2551	1482	1011	1912	1646	1187	2332	1724	1797	2286	1643
Zhytomyr	1352	1110	721	750	725	741	1102	1238	1087	1507	1695
Zakarpattia	306	197	167	296	287	301	316	302	256	322	322
Zaporizhzhya	3094	1533	1150	1806	1762	1241	2780	2131	1905	2193	1196
Ivano-Frankivsk	503	422	253	335	293	300	399	402	346	537	616
Kyiv	2112	1544	1431	2284	1856	1796	2593	2483	2003	2785	3190
Kirovohrad	3210	1971	1378	2479	2410	1278	3003	2534	2374	3465	2339
Luhansk	1877	1021	442	1311	845	800	1640	1055	811	1269	1294
Lviv	1010	866	481	627	587	612	837	822	623	962	1066
Mykolayiv	2706	1660	921	1763	1951	641	2386	2465	2201	2628	1278
Odesa	2674	1956	1581	2669	2808	1263	3681	2839	2929	3194	1880
Poltava	3450	2016	1408	2851	2447	2866	4531	3830	2854	5055	3645
Rivne	865	755	495	599	483	569	770	696	636	790	918
Sumy	1887	1380	968	1119	890	1289	2366	2005	1324	2522	2668
Ternopil	1319	1204	741	1045	905	1125	1598	1574	1261	1883	2164
Kharkiv	3008	1424	1268	2407	1717	2163	3797	2527	1266	3473	2716
Kherson	2792	1772	1166	1539	1474	810	2202	1769	1515	2481	1055
Khmelnyskiy	2063	1612	1242	1205	938	1247	1815	1702	1743	2180	2713
Cherkasy	2375	1674	1594	2217	2109	1842	2978	3195	2531	3762	3311
Chernivtsi	582	485	326	427	373	414	480	475	488	593	612
Chernihiv	1737	1249	832	1595	1297	1651	2161	2049	1518	2481	2939

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8.32. Output of sugar beets (for processing), by region

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	44264	29650	13199	15468	22421	16978	13438	10067	13749	18740	18439
Autonomous Republic of Crimea	—	22	—	—	—	—	—	—	—	—	—
oblasts											
Vinnitsya	5749	3981	1916	2050	2861	2895	2237	1405	2457	3013	2844
Volyn	1168	597	486	711	809	544	301	262	474	635	653
Dnipropetrovsk	672	763	270	359	585	156	43	39	33	82	44
Donetsk	—	157	37	47	69	18	25	15	17	25	20
Zhytomyr	1300	975	388	595	907	668	343	216	304	565	553
Zaporizhzhya	2	98	27	26	47	8	8	—	3	2	—
Ivano-Frankivsk	665	427	202	151	171	97	54	18	80	99	132
Kyiv	3261	2565	1216	1562	2291	1610	998	748	1094	1491	1200
Kirovohrad	2541	1898	642	699	1119	398	517	331	513	789	628
Luhansk	—	96	78	18	18	12	5	—	0	0	0
Lviv	1597	924	401	437	603	499	584	316	529	674	834
Mykolayiv	989	582	130	146	283	53	14	9	19	23	59
Odesa	873	524	214	116	240	63	25	—	8	2	10
Poltava	4625	2711	975	1543	2364	2196	2701	2078	1802	2654	2895
Rivne	1639	763	431	582	899	1117	833	835	1010	1003	908
Sumy	2973	1658	773	644	895	502	328	333	336	822	592
Ternopil	3313	2011	1202	1476	2237	2059	1403	1209	1555	1989	1892
Kharkiv	2802	2510	1117	1103	1593	1079	824	482	462	985	876
Kherson	—	81	25	33	40	0	2	—	—	—	—
Khmelnyskiy	3978	2369	1146	1041	1421	1343	863	912	1606	1755	2219
Cherkasy	4097	2634	860	1253	2019	1114	854	603	977	1439	1429
Chernivtsi	975	557	322	181	161	134	109	35	104	148	95
Chernihiv	1045	747	341	695	789	413	367	221	366	545	556

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8.33. Output of sunflower seeds, by region

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	2571	2860	3457	4706	5324	4174	6526	6364	6772	8671	8387
Autonomous Republic of Crimea	43	37	38	26	37	16	29	18	36	56	74
oblasts											
Vinnitsya	67	69	67	87	113	99	218	223	275	289	347
Volyn	0	0	0	0	0	0	0	0	0	1	3
Dnipropetrovsk	310	390	452	613	762	618	851	829	856	1035	803
Donetsk	302	361	462	473	552	492	747	677	592	777	742
Zhytomyr	0	0	0	6	3	3	7	10	27	61	92
Zakarpattia	1	2	1	2	2	2	2	2	2	4	6
Zaporizhzhya	284	354	444	735	801	514	824	765	758	1004	750
Ivano-Frankivsk	0	0	1	1	0	0	1	2	5	13	16
Kyiv	6	8	25	47	47	41	82	93	122	167	210
Kirovohrad	253	239	305	525	508	398	636	717	713	918	908
Luhansk	219	258	238	312	376	402	459	417	383	579	558
Lviv	—	0	—	0	1	—	0	0	0	2	5
Mykolayiv	220	219	251	427	499	260	517	553	586	632	692
Odesa	236	195	311	340	368	112	313	231	328	431	481
Poltava	174	186	201	288	292	347	458	484	466	543	553
Rivne	0	0	0	0	1	0	3	2	3	5	8
Sumy	27	39	40	27	34	54	112	97	129	238	291
Ternopil	0	0	1	1	4	3	11	10	13	22	23
Kharkiv	248	293	342	301	377	490	587	618	703	913	879
Kherson	96	115	155	289	352	147	365	240	361	418	296
Khmelnyskiy	0	1	3	3	4	6	20	24	42	65	73
Cherkasy	82	86	107	181	171	152	238	307	303	348	373
Chernivtsi	1	6	6	10	7	5	9	7	8	12	15
Chernihiv	2	2	7	12	13	13	37	38	61	138	189

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8.34. Output of potatoes, by region

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	16732	14729	19838	19462	19467	19102	19545	19666	18705	24248	23250
Autonomous Republic of Crimea	251	332	250	159	180	187	350	401	367	467	344
oblasts											
Vinnitsya	1072	1181	1418	1523	1385	1140	1549	1558	1580	1857	1733
Volyn	1198	622	1194	975	853	900	937	966	986	1136	1161
Dnipropetrovsk	302	398	683	584	581	379	570	450	434	562	482
Donetsk	312	615	763	720	705	621	624	552	474	734	750
Zhytomyr	1021	846	1065	1111	991	1039	1060	1100	1166	1334	1344
Zakarpattia	337	327	478	544	565	589	576	611	501	590	609
Zaporizhzhya	217	144	291	329	366	118	306	200	269	284	321
Ivano-Frankivsk	622	507	845	755	742	775	551	819	766	887	928
Kyiv	1102	1236	1351	1121	1303	1390	1478	1360	1496	1826	1741
Kirovohrad	353	532	317	532	500	299	483	426	416	518	384
Luhansk	223	301	359	670	602	509	534	419	340	389	404
Lviv	1332	899	1510	1297	1472	1522	1371	1504	1259	1825	1831
Mykolayiv	239	231	73	213	207	105	180	168	171	214	174
Odesa	249	212	316	406	298	110	201	184	541	555	503
Poltava	603	503	694	950	927	892	910	902	819	1273	951
Rivne	884	648	876	912	1046	1055	1011	1022	1066	1378	1335
Sumy	939	618	928	917	782	1049	896	987	980	1153	1128
Ternopil	1019	551	1043	682	807	894	789	916	831	1247	1284
Kharkiv	472	763	1183	1270	958	1145	854	717	475	973	980
Kherson	210	212	295	207	222	209	248	245	250	263	276
Khmelnyskiy	1055	793	1077	978	1153	1433	1262	1284	1084	1474	1591
Cherkasy	735	708	940	929	897	621	837	831	760	925	763
Chernivtsi	387	306	418	420	446	511	461	509	496	628	602
Chernihiv	1598	1244	1471	1258	1479	1610	1507	1535	1178	1756	1631

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8.35. Output of vegetables, by region

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	6666	5880	5821	7295	8058	6835	7965	8341	8122	9833	10017
Autonomous Republic of Crimea	428	225	186	128	160	210	286	398	399	433	391
oblasts											
Vinnitsya	238	208	196	293	318	231	318	303	311	388	366
Volyn	125	117	111	215	233	253	234	245	249	279	282
Dnipropetrovsk	456	638	433	494	525	469	541	554	560	674	672
Donetsk	618	488	444	475	533	454	413	431	415	528	512
Zhytomyr	149	203	194	203	219	190	211	210	209	236	242
Zakarpattia	128	122	123	218	227	235	240	244	246	262	283
Zaporizhzhya	310	299	231	298	367	237	279	258	282	324	346
Ivano-Frankivsk	99	87	134	127	126	123	107	119	122	143	147
Kyiv	464	381	295	402	459	439	513	461	455	521	568
Kirovohrad	183	249	213	269	253	164	247	234	218	235	211
Luhansk	288	246	249	278	341	231	311	275	257	305	333
Lviv	182	164	269	380	403	432	422	412	412	470	471
Mykolayiv	285	185	174	267	297	152	274	334	354	481	521
Odesa	462	232	301	526	569	241	486	483	474	527	473
Poltava	286	319	199	350	409	399	377	427	406	500	492
Rivne	127	104	134	171	189	171	219	216	216	237	251
Sumy	192	99	138	140	205	178	137	191	154	189	185
Ternopil	140	118	140	145	161	170	206	188	194	252	255
Kharkiv	277	396	416	523	537	545	509	488	464	703	698
Kherson	423	277	421	526	622	500	697	911	841	1124	1288
Khmelnyskiy	185	188	155	225	210	196	213	221	209	235	225
Cherkasy	321	253	344	296	316	225	297	330	281	354	369
Chernivtsi	124	76	146	184	186	196	190	209	219	229	228
Chernihiv	176	206	175	162	193	194	238	199	175	204	208

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8.36. Output of fruit and berries, by region

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	2902	1897	1453	1690	1114	1470	1504	1618	1747	1896	2009
Autonomous Republic of Crimea	501	90	133	59	37	55	106	77	116	100	123
oblasts											
Vinnitsya	240	142	73	185	153	208	162	213	189	248	252
Volyn	93	56	39	28	33	32	31	35	34	36	36
Dnipropetrovsk	159	126	196	166	78	152	157	108	131	157	157
Donetsk	160	140	158	228	44	93	96	98	102	109	118
Zhytomyr	47	53	24	35	28	31	24	42	31	37	42
Zakarpattia	139	116	104	66	63	64	84	94	97	98	114
Zaporizhzhya	152	88	58	81	18	67	68	20	59	55	69
Ivano-Frankivsk	69	118	25	32	32	31	32	36	39	43	40
Kyiv	77	53	22	25	24	28	26	42	52	53	57
Kirovohrad	34	42	24	22	17	17	20	20	27	26	23
Luhansk	102	68	53	38	8	29	24	18	17	33	30
Lviv	113	149	90	74	90	91	88	91	90	91	94
Mykolayiv	85	71	24	37	21	23	37	29	38	44	36
Odesa	111	35	66	114	81	49	68	64	74	88	81
Poltava	102	110	22	40	36	59	66	117	101	94	91
Rivne	72	41	35	52	63	55	58	68	86	88	81
Sumy	38	8	5	9	6	8	9	10	14	15	14
Ternopil	38	24	11	21	17	18	17	21	18	26	43
Kharkiv	147	109	34	71	25	74	49	64	65	54	75
Kherson	87	31	65	59	14	33	41	41	59	87	80
Khmelnyskiy	146	79	78	149	128	148	137	175	158	141	154
Cherkasy	69	24	36	24	29	27	27	29	37	40	44
Chernivtsi	87	72	53	63	58	62	62	88	97	119	140
Chernihiv	34	52	25	12	11	16	15	18	16	14	15

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8.37. Output of grapes, by region

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	835,7	457,3	513,8	442,6	300,9	359,7	415,3	468,7	407,9	521,9	456,0
Autonomous Republic of Crimea	315,7	116,2	179,4	116,3	58,7	118,6	116,9	125,3	111,9	125,4	94,0
oblasts											
Vinnitsya	2,6	2,4	0,7	2,1	2,3	2,4	2,6	2,8	2,6	2,6	2,7
Volyn	0,1	0,1	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,2	0,3
Dnipropetrovsk	6,0	6,4	5,3	6,6	5,5	6,6	7,0	6,7	6,7	6,8	6,9
Donetsk	1,6	11,8	16,1	11,5	3,3	6,3	6,4	6,4	6,6	7,4	7,5
Zhytomyr	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Zakarpattia	28,5	13,8	41,9	27,2	25,0	21,4	21,4	18,9	20,3	20,8	21,9
Zaporizhzhya	9,0	12,8	3,1	4,7	2,0	6,3	7,3	5,9	5,9	6,8	6,0
Ivano-Frankivsk	0,5	0,4	0,7	0,7	0,8	0,8	0,7	0,7	0,7	0,7	0,7
Kyiv	1,2	0,1	0,1	0,2	0,2	0,2	0,2	0,5	0,6	1,3	1,6
Kirovohrad	0,8	0,8	1,5	0,6	1,0	1,4	1,3	1,5	1,6	2,0	2,3
Luhansk	0,6	0,6	1,4	1,1	0,6	1,0	0,9	1,0	0,9	1,1	1,1
Lviv	0,3	0,3	1,4	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Mykolayiv	61,4	56,1	30,2	37,4	21,4	27,1	48,7	45,8	38,9	58,7	52,3
Odesa	337,6	194,6	201,4	193,3	167,4	142,5	154,2	206,1	175,1	229,1	212,3
Poltava	0,3	0,3	0,4	0,6	0,7	0,7	1,1	1,5	1,8	2,0	1,9
Rivne	0,0	0,0	0,1	0,2	0,1	0,1	0,1	0,2	0,2	0,2	0,3
Sumy	0,0	0,0	0,2	0,3	0,2	0,2	0,3	0,2	0,2	0,2	0,2
Ternopil	0,0	0,1	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Kharkiv	0,7	0,7	1,1	0,4	0,3	0,6	0,6	0,7	0,6	0,6	0,7
Kherson	68,3	38,6	26,3	36,1	8,0	19,8	41,7	40,9	29,3	51,3	39,4
Khmelnyskiy	0,0	0,0	0,3	0,3	0,4	0,5	0,6	0,5	0,5	0,7	0,6
Cherkasy	0,4	0,7	0,5	0,5	0,4	0,4	0,5	0,3	0,8	1,3	0,7
Chernivtsi	0,0	0,4	1,0	0,7	0,8	0,9	0,9	0,9	0,9	1,1	1,1
Chernihiv	0,1	0,1	0,3	0,1	0,1	0,2	0,2	0,2	0,1	0,2	0,1

8.38. Yields of basic agricultural crops in 1940–2012

(1 ha; centner)

	Grain crops	Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruit and berries	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
2001	27,1	183	9,4	108	123	30,5	35,4
2002	27,3	189	12,0	104	124	36,5	39,4
2003	18,2	201	11,2	116	139	56,0	59,0
2004	28,3	238	8,9	133	149	58,1	45,2
2005	26,0	248	12,8	128	157	63,7	54,9
2006	24,1	285	13,6	133	171	45,0	39,7
2007	21,8	294	12,2	131	152	61,7	50,5
2008	34,6	356	15,3	139	174	64,4	58,6
2009	29,8	315	15,2	139	183	70,7	66,0
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

8.39. Yields of basic of agricultural crops

(1 ha; centner)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Grain crops	35,1	24,3	19,4	26,0	24,1	21,8	34,6	29,8	26,9	37,0	31,2
Winter crops	39,1	28,9	19,4	27,5	24,9	23,1	35,7	30,0	25,9	32,4	26,9
wheat	40,2	30,1	20,0	29,0	25,6	23,9	37,1	31,2	27,1	33,9	28,0
rye	24,3	20,0	15,2	17,3	16,2	16,7	22,9	20,7	16,6	20,7	22,7
barley	37,2	26,5	18,9	21,2	23,5	18,2	31,2	27,7	22,4	27,4	19,6
Summer crops	29,4	20,5	19,5	24,6	23,6	20,7	33,5	29,4	28,2	41,9	34,5
of which											
wheat	30,2	16,9	15,4	21,8	22,1	17,6	27,2	26,3	21,0	25,4	27,5
barley	33,0	21,4	18,6	20,6	21,5	14,2	30,0	22,3	18,3	23,4	21,4
oats	26,8	19,9	18,3	17,6	15,6	15,3	21,2	17,6	14,8	18,1	20,9
corn grain	38,7	29,2	30,1	43,2	37,4	39,0	46,9	50,2	45,1	64,4	47,9
millet	17,2	17,0	11,6	11,7	10,8	9,2	15,6	13,6	13,7	17,8	10,3
buckwheat	11,6	7,6	9,1	6,9	6,4	7,0	8,5	7,4	6,7	9,9	8,7
rice	42,5	36,4	35,6	43,4	46,0	51,1	50,9	58,3	50,5	57,3	62,1
legumes	23,1	14,5	17,0	18,9	19,2	11,4	21,4	17,5	15,1	14,6	15,6
Sugar beets (for processing)	276	205	177	248	285	294	356	315	279	363	411
Sunflowers	15,8	14,2	12,2	12,8	13,6	12,2	15,3	15,2	15,0	18,4	16,5
Rape	14,5	8,5	8,4	14,6	15,7	13,1	20,8	18,5	17,0	17,3	22,0
Soya	11,3	9,7	10,6	14,5	12,4	12,4	15,1	16,8	16,2	20,4	17,1
Flax (fiber)	6,4	5,0	4,2	5,4	5,1	3,3	5,1	6,5	4,0	5,9	8,6
Potatoes	117	96	122	128	133	131	139	139	132	168	161
Vegetables	149	120	112	157	171	152	174	183	174	195	199
Fodder roots (including fodder sugar beets)	399	272	238	273	279	273	309	303	276	313	302
Corn for silage and green fodder	208	177	131	163	155	142	179	178	160	225	168
Annual hay grass	35,7	29,4	22,4	27,5	30,0	27,8	31,1	30,6	32,0	34,1	31,6
Perennial hay grass	38,7	30,3	20,6	29,7	31,7	30,1	35,3	32,2	35,8	38,0	36,5
Fruit and berries	42,7	29,8	38,4	63,7	45,0	61,7	64,4	70,7	78,2	84,9	89,9
Grapes	58,3	33,2	51,7	54,9	39,7	50,5	58,6	66,0	60,3	75,5	67,2

8.40. Yields of grain crops in 2012, by region

(1 ha; centner)

	Grain crops	Including					
		wheat	rye	barley	oats	corn grain	millet
Ukraine	31,2	28,0	22,7	21,1	20,9	47,9	10,3
Autonomous Republic of Crimea	16,9	15,2	21,4	14,6	12,9	67,1	8,4
oblasts							
Vinnitsya	43,1	39,0	25,8	31,2	25,4	58,5	20,5
Volyn	32,2	33,6	21,3	30,0	22,6	72,9	21,8
Dnipropetrovsk	15,6	16,6	11,2	13,5	10,6	17,3	7,4
Donetsk	21,9	22,7	20,6	21,1	19,3	23,9	14,4
Zhytomyr	43,5	32,9	20,5	28,4	20,6	72,0	11,0
Zakarpattia	36,1	30,6	33,3	27,9	22,7	43,9	—
Zaporizhzhya	15,9	17,5	11,1	14,0	15,0	15,6	9,7
Ivano-Frankivsk	40,7	36,7	23,6	32,8	23,5	59,4	12,9
Kyiv	51,2	43,9	28,9	34,8	26,2	68,1	15,8
Kirovohrad	29,6	27,9	15,5	19,1	18,0	36,5	12,0
Luhansk	25,4	26,9	19,1	19,0	21,3	29,4	13,3
Lviv	37,1	35,7	23,3	31,7	21,9	61,7	10,9
Mykolayiv	16,3	17,3	13,4	12,9	10,7	24,9	6,7
Odesa	17,1	19,4	18,8	16,2	13,6	16,9	8,5
Poltava	38,9	31,7	26,2	24,0	24,0	47,2	16,2
Rivne	36,3	36,0	22,9	30,6	21,1	71,7	9,8
Sumy	40,5	35,4	24,7	25,8	22,0	57,5	14,4
Ternopil	43,9	37,2	26,5	35,8	24,2	71,4	10,6
Kharkiv	29,0	29,0	22,9	25,7	23,0	34,5	16,1
Kherson	18,2	15,7	10,7	13,3	15,1	49,6	5,6
Khmelnyskiy	45,2	40,1	24,7	34,3	26,6	69,1	25,6
Cherkasy	51,3	43,6	29,4	32,3	24,7	66,0	19,9
Chernivtsi	44,6	37,2	23,9	31,2	23,6	55,0	20,0
Chernihiv	43,2	35,8	22,8	28,3	19,3	62,0	13,0

8.41. Yields of major of agricultural crops in 2012, by region

(1 ha; centner)

	Sugar beets (for processing)	Sunflowers	Potatoes	Vegetables	Fruits and berries
Ukraine	411	16,5	161	199	89,9
Autonomous Republic of Crimea	—	10,6	136	171	92,3
oblasts					
Vinnitsya	350	22,0	160	179	109,7
Volyn	350	9,1	174	214	95,0
Dnipropetrovsk	297	15,1	91	207	113,3
Donetsk	241	16,3	123	181	123,8
Zhytomyr	451	19,5	218	249	97,7
Zakarpattia	—	17,7	169	203	93,8
Zaporizhzhya	—	12,6	111	151	79,7
Ivano-Frankivsk	369	19,7	151	139	47,6
Kyiv	427	24,4	178	223	61,0
Kirovohrad	354	18,9	92	126	42,5
Luhansk	100	15,4	113	220	46,8
Lviv	431	18,6	189	191	73,2
Mykolayiv	477	14,8	90	256	70,7
Odesa	130	12,2	134	145	95,1
Poltava	457	22,9	150	207	139,5
Rivne	414	12,0	194	205	116,3
Sumy	415	21,6	170	178	43,4
Ternopil	412	19,0	195	235	77,2
Kharkiv	350	22,7	124	195	87,9
Kherson	—	8,3	107	288	101,1
Khmelnyskiy	467	18,3	233	211	103,5
Cherkasy	452	26,7	134	170	73,0
Chernivtsi	448	19,4	179	185	91,9
Chernihiv	470	20,3	194	190	38,7

8.42. Collective horticulture¹ and market gardening

(source: the State Agency of Land Resources of Ukraine; end of year)

	Collective horticulture		Collective gardening	
	households, thsd.	areas, thsd.ha	households, thsd.	areas, thsd.ha
1990	2059,9	127,4	822,1	65,2
1995	2773,7	201,4	3309,0	335,7
2000	2747,3	212,4	2576,4	301,8
2001	2764,8	213,0	2464,0	277,2
2002	2744,8	212,2	2329,1	262,3
2003	2745,3	212,6	2231,2	252,7
2004	2734,3	212,3	2102,1	239,1
2005	2728,5	212,6	2024,4	229,2
2006	2727,4	212,6	1916,4	219,3
2007	2707,8	213,0	1819,2	207,1
2008	2692,5	214,0	1735,1	198,1
2009	2658,1	215,0	1684,4	194,9
2010	2660,6	215,3	1618,3	190,8
2011	2630,6	216,5	1553,8	185,7
2012	2624,7	217,9	1518,8	184,8

¹ Starting from 1991, the data on collective and private horticulture have been shown as one figure. This does not apply to the orchards in ancillary farms

8.43. Use of fertilisers for agricultural crops in agricultural enterprises

	1990	1996	2000	2005	2006	2007	2008	2009	2010	2011	2012
Mineral fertilisers											
Fertilisers used in conventional units, total, thsd.t	4241,6	524,7	278,7	557,9	699,3	896,5	1064,7	886,8	1060,6	1263,3	1343,0
Fertilised area, mln.ha	25,1	8,2	4,6	7,8	9,5	10,9	12,9	11,5	12,6	14,2	14,6
Share of fertilised area, percent	83	32	22	45	55	62	69	63	70	76	78
Fertilisers in conventional units used per 1 hectare of sown area, kg	141	21	13	32	40	51	57	48	58	68	72
Organic fertilisers											
Fertilisers, total, mln.t	257,1	80,6	28,4	13,2	13,0	11,9	10,5	10,4	9,9	9,8	9,6
Fertilised area, mln.ha	5,4	1,8	0,7	0,5	0,5	0,5	0,5	0,5	0,4	0,4	0,4
Share of fertilised area, percent	18	7	3	3	3	3	3	3	2	2	2
Fertilisers used per 1 hectare of sown area, t	8,6	3,2	1,3	0,8	0,7	0,7	0,6	0,6	0,5	0,5	0,5

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8.44. Supply of crop products for processing enterprises

(thsd.t)

	2002	2005	2006	2007	2008	2009	2010	2011	2012
Grain crops									
Supply, total	7783,0	8615,7	7828,9	8840,8	10628,4	10262,8	8907,3	10703,2	10270,8
from									
agricultural enterprises	3109,0	3309,8	2805,0	2668,6	4827,9	5061,0	4399,4	5793,2	5374,8
agricultural holdings of households	223,6	70,3	79,6	58,5	42,2	68,3	69,0	21,2	36,0
other economic structures	4450,4	5235,6	4944,3	6113,7	5758,3	5133,5	4438,9	4888,8	4860,0
of the total volume, by type of crop									
wheat	4845,5	4340,3	4015,8	4980,8	5995,1	5706,9	4735,5	5201,7	4541,5
rye	700,0	455,8	366,9	248,5	322,0	438,9	362,7	212,3	221,0
corn	690,5	2065,0	1951,8	2223,9	2369,2	2452,1	2452,1	4024,4	4165,8
barley	1052,8	1231,3	1089,0	1034,2	1589,0	1239,5	1068,9	970,7	1049,7
oats	99,6	90,3	70,0	112,3	110,5	96,7	80,8	43,6	51,9
millet	23,5	57,2	16,8	16,8	18,3	21,2	27,7	19,3	25,7
buckwheat	149,5	149,8	124,3	107,0	110,3	131,2	92,1	96,2	90,0
rice	13,0	17,7	18,8	32,5	21,5	25,7	24,6	28,1	22,0
leguminous crops	141,7	146,1	131,1	43,4	34,9	63,2	44,3	54,4	45,8
Sugar beets (including raw materials supplied by customers)									
Supply, total	12881,8	14196,8¹	21010,6¹	15597,2¹	12276,8¹	9398,7¹	13254,5¹	17744,7¹	17380,8¹
from									
agricultural enterprises	9217,5	10909,3	16366,5	12589,3	9667,5	6328,9	9154,4	12274,6	12221,9
agricultural holdings of households	2910,8	2228,8	2335,7	1008,1	297,0	196,0	537,0	420,9	327,9
other economic structures	753,5	1058,7	1290,2	530,8	781,5	262,2	574,5	476,5	398,1

¹ Including own production of processing enterprises

CATTLE RAISING

8.45. Livestock and poultry population in 1915–2012

(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
2001	9421	4918	8370	1965	967	693	136,8
2002	9108	4716	9204	1984	950	684	147,4
2003	7712	4284	7322	1859	893	637	142,4
2004	6903	3926	6466	1755	875	591	152,8
2005	6514	3635	7053	1630	872	555	162,0
2006	6175	3347	8055	1617	925	534	166,5
2007	5491	3096	7020	1679	1034	498	169,3
2008	5079	2856	6526	1727	1096	466	177,6
2009	4827	2737	7577	1833	1197	443	191,4
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

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8.46. Livestock and poultry population, by category of enterprises

(end of year; thsd. heads)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
All categories											
Cattle	24623	17557	9424	6514	6175	5491	5079	4827	4494	4426	4646
of which cows	8378	7531	4958	3635	3347	3096	2856	2737	2631	2582	2554
Pigs	19427	13144	7652	7053	8055	7020	6526	7577	7960	7373	7577
Sheep and goats	8419	4099	1875	1630	1617	1679	1727	1833	1732	1739	1738
of which sheep	7896	3209	963	872	925	1034	1096	1197	1101	1093	1073
Poultry, mln. heads	246,1	149,8	123,7	162,0	166,5	169,3	177,6	191,4	203,8	200,8	214,1
Agricultural enterprises											
Cattle	21083	13701	5037	2492	2294	1927	1720	1627	1526	1511	1507
of which cows	6192	4595	1851	866	764	679	624	605	589	584	575
Pigs	14071	7152	2414	2602	3257	2870	2731	3308	3625	3319	3557
Sheep and goats	7166	2424	413	271	283	301	300	316	299	290	265
of which sheep	7164	2420	412	269	281	298	298	313	295	286	260
Poultry, mln. heads	133,0	54,1	25,3	66,6	72,2	80,1	88,0	100,4	110,5	105,7	117,9
including farms											
Cattle	0	27	102	110	112	105	99	98	95	103	110
of which cows	0	16	36	38	38	38	37	37	37	40	41
Pigs	0	40	54	150	232	248	231	273	295	260	265
Sheep and goats	0	20	6	33	43	54	56	60	58	63	62
of which sheep	0	17	6	33	43	54	56	59	56	61	59
Poultry, mln. heads	0,0	0,3	0,1	1,1	1,1	1,6	2,3	2,7	2,9	2,8	2,9
Agricultural holdings of households											
Cattle	3540	3856	4387	4022	3881	3564	3359	3200	2968	2915	3139
of which cows	2186	2936	3107	2769	2583	2417	2232	2132	2042	1998	1979
Pigs	5356	5992	5238	4451	4798	4150	3795	4269	4335	4054	4020
Sheep and goats	1253	1675	1462	1359	1334	1378	1427	1517	1433	1449	1473
of which sheep	732	789	551	603	644	736	798	884	806	807	813
Poultry, mln. heads	113,1	95,7	98,4	95,4	94,3	89,2	89,6	91,0	93,3	95,1	96,2

8.47. Livestock and poultry population in 2012, by region

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry
	total	of which cows			
Ukraine	4646	2554	7577	1738	214071
Autonomous Republic of Crimea	140	66	158	247	7103
oblasts					
Vinnitsya	343	173	378	41	13805
Volyn	202	123	310	16	5943
Dnipropetrovsk	146	80	506	59	18822
Donetsk	137	68	536	85	13159
Zhytomyr	224	134	193	28	5845
Zakarpattia	144	101	280	165	3307
Zaporizhzhya	118	61	335	52	6046
Ivano-Frankivsk	192	120	274	28	5994
Kyiv	155	79	524	30	25641
Kirovohrad	126	64	268	44	4912
Luhansk	117	58	112	59	5856
Lviv	250	152	306	29	8826
Mykolayiv	150	90	140	50	3724
Odesa	199	108	390	403	4991
Poltava	279	134	406	45	5417
Rivne	183	117	338	18	5989
Sumy	168	91	165	40	4389
Ternopil	197	112	372	12	4613
Kharkiv	207	99	233	76	9549
Kherson	119	78	200	59	7106
Khmelnyskiy	272	150	305	26	9518
Cherkasy	213	94	462	40	26280
Chernivtsi	118	68	166	51	3548
Chernihiv	247	134	220	35	3688

8.48. Output of basic animal products in 1940–2012

	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
2001	1517	13444	9668	3266
2002	1648	14142	11309	3392
2003	1725	13661	11477	3353
2004	1600	13709	11955	3202
2005	1597	13714	13046	3195
2006	1723	13287	14235	3277
2007	1912	12262	14063	3449
2008	1906	11761	14957	3755
2009	1917	11610	15908	4111
2010	2059	11249	17052	4192
2011	2144	11086	18690	3877
2012	2210	11378	19110	3724

8.49. Output of basic animal products, by category of enterprises

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
All categories											
Meat (slaughter weight), thsd.t	4358	2294	1663	1597	1723	1912	1906	1917	2059	2144	2210
of which											
beef and veal	1986	1186	754	562	567	546	480	454	428	399	388
pork	1576	807	676	494	526	635	590	526	631	704	701
poultry	708	235	193	497	589	689	794	894	954	995	1075
Milk, thsd.t	24508	17274	12658	13714	13287	12262	11761	11610	11249	11086	11378
Eggs, mln.pcs	16287	9404	8809	13046	14235	14063	14957	15908	17052	18690	19110
Wool, t	29804	13926	3400	3195	3277	3449	3755	4111	4192	3877	3724
Agricultural enterprises											
Meat (slaughter weight), thsd.t	3099	1107	438	588	736	919	980	1034	1134	1215	1271
of which											
beef and veal	1808	816	305	154	159	167	131	114	105	97	97
pork	894	203	91	111	162	222	211	207	256	305	304
poultry	357	65	36	320	413	527	635	711	772	811	868
Milk, thsd.t	18634	9443	3669	2582	2454	2178	2090	2236	2217	2246	2535
Eggs, mln.pcs	10126	4171	2977	6458	7633	7605	8471	9258	10249	11738	11977
Wool, t	26466	9733	1311	692	704	751	809	840	710	647	556
including farms											
Meat (slaughter weight), thsd.t	0	7	8	14	25	40	46	41	48	56	55
of which											
beef and veal	0	3	6	6	6	9	7	6	6	8	9
pork	0	2	2	3	8	15	15	10	15	19	14
poultry	0	1	0	4	10	16	24	24	27	29	32
Milk, thsd.t	0	42	68	96	99	95	97	106	112	123	144
Eggs, mln.pcs	0	10	7	19	51	60	62	74	78	108	78
Wool, t	0	68	9	71	77	96	129	144	128	119	126
Agricultural holdings of households											
Meat (slaughter weight), thsd.t	1259	1187	1225	1009	987	993	926	883	925	929	939
of which											
beef and veal	178	370	449	408	408	379	349	340	323	302	291
pork	682	604	585	383	364	413	379	319	375	399	397
poultry	351	170	157	177	176	162	159	183	182	184	207
Milk, thsd.t	5874	7831	8989	11132	10833	10084	9671	9374	9032	8840	8843
Eggs, mln.pcs	6161	5233	5832	6588	6602	6458	6486	6650	6803	6952	7133
Wool, t	3338	4193	2089	2503	2573	2698	2946	3271	3482	3230	3168

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8.50. Output of meat, by category

(slaughter weight; thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total	4358	2294	1663	1597	1723	1912	1906	1917	2059	2144	2210
Beef and veal	1986	1186	754	562	567	546	480	454	428	399	388
Pork	1576	807	676	494	526	635	590	526	631	704	701
Mutton and goat meat	46	40	17	16	15	15	17	18	21	20	20
Poultry meat	708	235	193	497	589	689	794	894	954	995	1075
Rabbit meat	30	19	14	13	13	13	13	13	13	14	14
Horse meat	12	7	9	15	13	14	12	12	12	12	12

8.51. Output of meat, by region

(slaughter weight; thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	4358	2294	1663	1597	1723	1912	1906	1917	2059	2144	2210
Autonomous Republic of Crimea	202	93	69	115	120	136	138	139	145	148	146
oblasts											
Vinnitsya	233	140	93	49	61	72	67	60	62	65	83
Volyn	108	54	43	59	69	78	86	88	94	92	93
Dnipropetrovsk	265	123	85	118	137	159	185	197	207	226	226
Donetsk	241	120	86	89	101	106	97	97	103	117	127
Zhytomyr	159	87	64	45	49	46	45	44	48	49	50
Zakarpattia	67	49	45	44	45	49	51	50	50	52	58
Zaporzhzhya	198	99	74	52	55	65	55	53	57	63	62
Ivano-Frankivsk	94	61	52	56	61	64	64	61	64	72	76
Kyiv	265	171	116	165	195	222	215	206	193	211	227
Kirovohrad	159	72	53	45	43	52	44	40	46	45	49
Luhansk	167	74	51	48	46	48	45	43	45	47	46
Lviv	181	85	69	82	90	99	106	107	115	116	123
Mykolayiv	151	59	49	28	27	32	29	25	29	31	31
Odesa	233	98	89	51	47	59	48	44	46	47	46
Poltava	225	122	67	40	48	54	44	44	50	50	58
Rivne	116	71	60	46	48	54	52	50	50	55	56
Sumy	154	91	68	56	56	44	42	37	40	41	40
Ternopil	123	74	48	40	40	40	38	35	37	38	41
Kharkiv	228	111	84	95	96	92	79	82	83	79	77
Kherson	168	80	56	40	41	44	43	41	42	42	42
Khmelnyskiy	156	108	74	48	48	49	45	42	48	50	53
Cherkasy	195	96	74	102	113	157	203	253	326	329	322
Chernivtsi	81	47	29	31	34	37	40	39	39	40	43
Chernihiv	189	109	65	53	53	54	45	40	40	39	35

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8.52. Output of milk, by region

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	24508	17274	12658	13714	13287	12262	11761	11610	11249	11086	11378
Autonomous Republic of Crimea	890	518	403	347	337	360	363	367	353	335	310
oblasts											
Vinnitsya	1277	938	655	849	852	830	840	842	836	839	847
Volyn	848	564	458	551	546	509	485	462	450	451	467
Dnipropetrovsk	1263	922	522	494	474	416	381	359	340	342	343
Donetsk	1193	709	473	514	476	405	371	360	339	327	333
Zhytomyr	1124	862	656	732	728	640	614	602	578	569	595
Zakarpattia	375	352	360	396	395	397	394	385	392	389	401
Zaporizhzhya	992	583	354	384	376	317	304	287	262	248	258
Ivano-Frankivsk	571	544	523	576	570	539	495	486	466	452	466
Kyiv	1592	1010	679	693	613	541	506	476	451	439	476
Kirovohrad	871	546	385	395	390	366	346	347	343	332	309
Luhansk	887	506	318	409	371	349	319	316	284	276	282
Lviv	1084	961	1032	930	892	813	731	683	656	630	621
Mykolayiv	743	527	347	432	413	379	369	368	364	366	367
Odesa	987	637	532	606	536	467	416	414	404	397	398
Poltava	1316	951	589	754	800	681	656	718	701	725	778
Rivne	766	576	436	502	499	472	456	448	433	420	443
Sumy	1025	719	480	498	487	457	454	456	431	418	427
Ternopil	808	655	506	485	470	452	424	419	417	418	460
Kharkiv	1271	812	540	567	531	487	489	481	467	473	513
Kherson	799	515	320	357	354	321	321	319	306	302	311
Khmelnyskiy	1087	906	657	722	689	639	625	620	608	598	595
Cherkasy	1010	727	499	519	516	502	494	491	479	464	499
Chernivtsi	474	365	333	368	361	344	328	312	308	298	298
Chernihiv	1255	869	601	634	611	579	580	592	581	578	581

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8.53. Output of eggs, by region

(mln.pcs)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	16287	9404	8809	13046	14235	14063	14957	15908	17052	18690	19110
Autonomous Republic of Crimea	1117	551	447	582	609	652	699	763	811	793	746
oblasts											
Vinnitsya	683	394	349	570	639	648	711	711	798	847	806
Volyn	311	199	159	219	213	190	185	184	182	197	186
Dnipropetrovsk	1066	591	437	881	975	880	904	956	998	1093	1093
Donetsk	1287	574	854	1389	1442	1320	1476	1599	1868	2323	2216
Zhytomyr	385	271	271	441	502	471	483	479	489	489	519
Zakarpattia	278	240	230	299	290	289	294	300	317	328	333
Zaporizhzhya	833	364	345	557	659	609	595	699	740	682	727
Ivano-Frankivsk	298	220	236	347	506	618	623	634	731	889	860
Kyiv	1456	975	787	1463	1704	1785	1833	2048	2007	2333	2479
Kirovohrad	462	218	179	283	298	339	451	452	499	522	537
Luhansk	706	419	380	609	656	624	742	719	844	903	848
Lviv	729	446	466	548	563	542	548	572	577	544	520
Mykolayiv	457	219	164	314	327	337	386	474	573	617	554
Odesa	1151	800	657	684	618	515	504	586	584	397	354
Poltava	687	446	405	538	574	557	540	620	620	600	672
Rivne	262	177	194	328	331	356	364	412	434	447	490
Sumy	532	299	285	371	384	323	270	265	268	344	378
Ternopil	359	271	234	290	385	353	350	352	370	379	414
Kharkiv	1107	566	479	752	883	788	951	984	1101	1297	1140
Kherson	393	205	190	250	261	277	441	381	437	479	543
Khmelnyskiy	419	181	160	193	219	353	303	460	392	661	1195
Cherkasy	561	284	379	535	614	616	675	669	747	819	798
Chernivtsi	265	181	183	244	258	330	359	342	408	443	431
Chernihiv	483	313	339	359	325	291	270	247	257	264	271

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8.54. Livestock and poultry productivity

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Average annual milk yield per cow, kg											
All categories	2863	2204	2359	3487	3652	3665	3793	4049	4082	4174	4361
Agricultural enterprises	2941	1908	1588	2952	3083	3131	3366	3893	3975	4109	4676
Agricultural holdings of households	2637	2722	2960	3643	3815	3804	3903	4090	4110	4192	4276
Average annual wool yield per sheep, kg											
All categories	3,4	2,9	3,0	3,5	3,6	3,6	3,5	3,6	3,4	3,4	3,3
Agricultural enterprises	3,4	2,5	2,4	2,6	2,6	2,7	2,7	2,8	2,3	2,2	1,9
Agricultural holdings of households	4,2	4,2	3,8	3,8	4,0	4,0	3,8	3,9	3,8	3,8	3,8
Average annual egg laying per hen, pcs											
Agricultural enterprises	214	171	213	274	271	275	278	280	281	286	293

8.55. Average weight of a livestock per head sold for processing enterprises

(kg)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
All categories											
Cattle	393	333	320	381	394	395	411	434	427	424	438
Pigs	127	105	101	112	113	110	109	109	109	108	108
Sheep and goats	36	34	40	44	46	50	50	50	47	45	45
Agricultural enterprises											
Cattle	393	326	311	375	390	383	403	423	414	424	439
Pigs	127	102	91	110	109	107	106	108	108	108	108
Sheep and goats	36	34	35	40	37	50	43	45	47	45	43
Agricultural holdings of households											
Cattle	360	364	328	386	397	406	418	451	452	432	444
Pigs	157	147	116	138	131	122	126	131	132	117	125
Sheep and goats	38	41	42	44	48	51	53	59	48	45	51

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

(kg)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	2863	2204	2359	3487	3652	3665	3793	4049	4082	4174	4361
Autonomous Republic of Crimea	3467	2311	2503	3415	3606	3788	3880	4031	3639	4078	3990
oblasts											
Vinnitsya	2928	2312	2316	3658	3723	3867	4058	4389	4570	4683	4853
Volyn	2699	2044	2147	3239	3448	3467	3525	3602	3673	3846	4032
Dnipropetrovsk	2832	2068	2231	3710	3942	3763	3864	3996	4018	4164	4210
Donetsk	3066	2044	2399	4213	4238	4099	4190	4476	4438	4422	4440
Zhytomyr	2739	2200	2121	3358	3593	3456	3660	3930	4024	4104	4423
Zakarpattia	2647	2458	2554	2829	3038	3128	3246	3426	3582	3613	3795
Zaporizhzhya	2685	1809	2116	4100	4348	3914	4127	4233	4041	3975	4189
Ivano-Frankivsk	2533	2342	2475	3262	3439	3458	3475	3690	3647	3656	3831
Kyiv	3228	2493	2597	4262	4335	4456	4768	5106	5248	5406	5986
Kirovohrad	2690	1961	2553	3837	4027	4080	4185	4555	4630	4712	4582
Luhansk	2868	2019	2134	3724	4137	4422	4338	4719	4296	4267	4497
Lviv	2704	2419	3132	3590	3821	3816	3837	3873	3861	3927	4009
Mykolayiv	2585	2162	2037	3482	3543	3562	3608	3769	3839	3906	3939
Odesa	2651	1871	2263	3178	3506	3363	3520	3796	3697	3640	3503
Poltava	3167	2500	2352	3963	4353	4011	4113	4760	4826	5118	5545
Rivne	2769	2250	2131	3107	3240	3307	3423	3669	3682	3725	3875
Sumy	2842	2241	2271	3084	3229	3424	3744	4110	4142	4283	4513
Ternopil	2650	2311	2508	3107	3102	3194	3191	3456	3563	3710	4073
Kharkiv	2979	1980	2137	3537	3789	3877	4264	4568	4560	4521	4987
Kherson	2945	2027	2122	3301	3487	3454	3588	3698	3790	3808	3966
Khmelnyskiy	2760	2362	2383	3329	3324	3323	3446	3706	3816	3849	3968
Cherkasy	3185	2528	2389	3732	3866	4078	4271	4561	4682	4779	5257
Chernivtsi	3207	2445	2620	3645	3779	3817	3930	4083	4084	4187	4252
Chernihiv	2675	2110	2177	3159	3223	3352	3534	3897	4075	4239	4420

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8.57. Livestock and poultry feeds used

(normative units)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
All categories											
Fodder, total, mln.t	103,6	71,0	42,5	37,5	38,3	36,0	34,6	34,8	33,9	33,7	34,1
of which concentrated fodder	35,5	22,3	12,0	12,9	13,8	13,6	13,2	14,7	14,8	14,7	15,2
Fodder consumption per one conventional head, centner	32,5	30,3	29,6	32,4	32,8	31,9	32,2	32,3	31,0	30,9	31,4
Agricultural enterprises											
Fodder, total, mln.t	78,2	45,0	16,0	11,8	12,2	11,6	11,0	11,8	11,8	11,5	12,0
of which concentrated fodder	27,7	14,4	4,2	5,6	6,5	6,7	6,8	7,8	7,9	7,8	8,3
Fodder consumption per one conventional head, centner	32,5	29,0	25,5	30,2	29,4	28,4	27,8	28,7	26,7	26,0	26,8

8.58. Animal products supplied for processing enterprises

(thsd.t)

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Livestock and poultry (live weight)										
Supply, total	4609,2	1117,7	451,9	489,0	1336,4¹	1249,8¹	1114,1¹	1442,9¹	1476,0¹	1498,3¹
from										
agricultural enterprises	4313,9	881,8	206,5	279,4	410,8	348,4	294,8	342,4	343,5	326,2
agricultural holdings of households	295,3	235,9	238,5	200,3	288,7	196,4	103,8	106,1	36,4	31,5
other economic structures	—	—	6,9	9,3	54,4	56,8	51,1	64,2	65,4	75,2
out of the total by type										
cattle	—	827,6	341,9	334,9	432,8 ²	332,4 ²	236,0 ²	224,7 ²	157,0 ²	152,0 ²
pigs	—	139,2	74,5	107,7	285,2 ²	235,2 ²	176,2 ²	230,4 ²	286,9 ²	250,8 ²
poultry	—	43,6	16,7	38,3	604,0 ²	669,0 ²	692,4 ²	947,8 ²	1015,8 ²	1075,4 ²
Milk and dairy products										
Supply, total	17958,4	6065,7	3334,8	5689,0	6078,2¹	5443,8¹	4741,8¹	4793,2¹	4615,1¹	4716,4¹
from										
agricultural enterprises	17942,9	5910,7	1789,7	1797,1	1670,6	1718,8	1867,1	1890,4	2030,1	2277,7
agricultural holdings of households	15,5	155,0	1515,2	3814,3	3848,3	3339,5	2550,3	2544,2	2155,3	2007,2
other economic structures	—	—	29,9	77,6	510,3	338,4	253,8	302,6	361,6	406,7

¹ Including goods for processing and own production of processing enterprises

² See the footnote to Table 8.44

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HUNTING

8.59. Basic hunting indicators

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Total hunting estates	...	719	841	868	886	921	988	908	936	958
Area of hunting lands, end of year, mln.ha	51,8	50,6	47,8	47,3	47,3	46,9	46,5	46,7	46,5	44,6
of which covered by hunting regulations	51,7	46,4	37,1	39,5	45,0	45,7	43,9	44,6	45,2	40,2
Payroll staff engaged in hunting, of the end of year	3652	4432	4965	5887	6060	6361	6600	7181	7319	7145
Number of hunting animals										
ungulates, thsd. heads	254,6	237,3	177,8	195,0	208,0	218,1	232,2	239,0	244,4	239,6
fur animals, thsd. heads	2134,2	2497,7	2416,4	2348,4	2224,7	2278,3	2245,6	2249,6	2189,2	2070,8
furred game, thsd.pcs	5098,0	11794,6	9417,5	9280,9	9647,1	10139,7	10015,2	10672,9	10592,0	10523,5
Expenditure on hunting management, mln. UAH ¹	14,8	640,7	20,8	58,1	93,1	121,2	142,0	183,8	212,9	217,5
including										
on protection, reproduction and registration of wild animals, regulation of hunting lands	6,1	218,0	9,4	21,1	33,8	44,4	49,9	66,8	82,2	82,5
on artificial breeding of game animals	1,2	6,7	0,3	1,2	2,1	3,8	4,4	4,1	4,8	5,1

¹ At current prices: in 1990, mln. KRB; in 1995, bln. KRB

8.60. Total number of wild animals in hunting areas

	1991	1995	2000	2005	2007	2008	2009	2010	2011	2012
Ungulates, heads	271826	237279	177788	195005	208009	218103	232245	238975	244374	239572
Elk	14796	9068	4771	4510	4730	5042	5573	5524	5608	5556
Deer	24925	21342	15986	17606	18480	19610	20219	19996	20303	18824
Wild boars	59757	47070	36181	43119	48982	53084	58571	61715	63664	63632
Roe deer	172348	157035	118974	126267	131831	136441	143574	147728	150795	147436
European bisons	...	659	426	303	258	269	278	268	255	266
Fallow deer	...	1331	1021	2692	3143	3083	3423	3232	3193	3215
Moufflons	...	723	370	419	491	476	496	420	455	544
Koulans	...	51	59	89	94	98	111	92	101	99
Fur animals, thsd. heads	2194,9	2497,7	2416,4	2348,4	2224,7	2278,3	2245,6	2249,6	2189,2	2070,8
Squirrels	59,5	55,8	59,5	62,1	61,8	64,1	66,7	66,8	64,5	62,4
Hares	1956,8	2062,6	1874,1	1789,8	1659,2	1701,8	1661,9	1645,9	1592,6	1492,4
Martens	32,8	39,0	53,1	59,5	63,3	64,1	62,4	63,2	64,1	63,1
Foxes	82,9	87,1	116,3	87,8	80,4	77,8	75,3	79,7	76,5	75,5
Musk-rats	52,0	85,0	146,4	172,0	183,9	186,6	183,2	187,0	183,7	170,2
Minks	1,3	2,5	3,4	3,6	4,5	4,8	5,6	5,8	5,7	6,2
Beavers	7,6	9,3	15,0	23,4	30,8	35,4	38,9	43,1	45,7	46,0
Wolves	1,5	2,1	2,8	2,6	2,6	2,7	2,6	2,7	2,7	2,6
Brown bears	0,6	0,4	0,3	0,3	0,3	0,4	0,4	0,4	0,4	0,3
Wild rabbits	...	0,7	0,2	0,3	0,1	0,4	0,1	0,2	0,5	0,2
Steppe marmots	...	110,5	76,7	69,8	56,4	56,5	62,4	67,4	66,4	67,7
Raccoon dogs	...	8,2	9,9	10,6	10,5	10,9	10,6	11,2	11,1	11,4
Badgers	...	15,7	24,7	24,7	26,2	27,2	27,0	26,5	27,6	28,0
Otters	...	5,6	8,7	11,7	12,2	13,1	13,3	13,4	13,6	14,0
Black polecats	...	12,6	20,0	21,8	24,3	23,7	24,9	25,7	24,5	22,5
Forest cats	...	0,4	0,6	1,0	1,1	1,1	1,2	1,2	1,2	1,1
Lynxes	...	0,3	0,3	0,4	0,4	0,4	0,6	0,4	0,5	0,4
Ermines	4,4	7,0	6,7	7,3	8,5	9,0	7,9	6,7
Coypus	0,0	0,0	0,0	—	0,0	—	—	—
Furred game, thsd. heads including	5112,6	11794,6	9417,5	9280,9	9647,1	10139,7	10015,2	10672,9	10592,0	10523,5
Partridges	769,8	1026,4	1013,7	890,1	872,0	930,7	986,9	992,5	957,3	945,4
Wood grouses	4,4	4,0	3,8	3,8	3,6	3,8	3,6	3,8	3,9	3,2
Black grouses	16,4	17,1	13,3	12,7	13,3	13,0	12,5	11,0	11,3	12,1
Geese	238,7	730,5	162,2	103,7	109,8	100,9	104,5	117,5	114,2	92,9
Ducks	4083,3	4251,0	3125,3	2892,8	2899,3	2932,8	2719,2	2866,2	2796,8	2679,1
Pheasants	...	406,3	271,2	281,6	305,0	292,8	316,8	336,4	350,7	352,4
Quails	...	602,3	799,3	927,9	1053,1	1232,1	1205,3	1399,2	1354,1	1343,0
Hazel-grouses	...	13,0	16,4	21,6	22,5	23,2	23,4	23,9	24,4	22,6
Swans	...	15,0	55,1	21,9	18,2	20,2	22,1	19,1	21,5	21,9
Bittern	...	1675,5	1527,4	1667,1	1744,1	1826,3	1779,9	1892,7	1876,9	1773,1
Sandpipers	...	1208,3	1018,0	938,4	1045,5	1054,2	1097,0	1130,1	878,8	873,1
Pigeons	...	1845,2	1411,8	1519,3	1560,7	1709,7	1744,0	1880,5	1831,4	1897,2

FORESTRY

8.61. Forest and forested area

(source: the State Agency of Land Resources of Ukraine;
as of January 1, 2013)

Area, thsd.ha	10621,4
of which forested area	9689,8

8.62. Basic indicators of forestry operations

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Forestry products, operations and services (at current prices), mln. UAH	744,4	1991,1	2956,3	3382,7	3138,1	4097,7	5674,8	5911,6
of which logging products	1747,9	2576,2	2903,9	2653,6	3530,2	5023,4	5244,1
Marketable timber produced, thsd.cub.m	12642	9741	11262	15244	16884	15724	14221	16146	17510	17507
Main use felling	5755	4574	5237	6456	7075	6997	6704	7239	8012	7790
Forest maintenance and reproduction felling and other activities	6887	5167	6025	8788	9809	8727	7517	8907	9498	9717
Felling area and measures, thsd.ha	536,4	504,2	455,1	464,7	476,2	425,3	357,9	402,2	421,8	417,0
Main use felling	27,8	20,3	22,2	27,1	29,4	28,4	26,8	29,1	32,1	30,8
Forest maintenance and reproduction felling and other measures	508,6	483,9	432,9	437,6	446,8	396,9	331,1	373,1	389,7	386,2
Forest reproduction, thsd.ha	37,5	38,4	37,8	58,6	73,6	80,2	80,9	70,1	72,4	70,1
Reforestation	35,4	33,9	29,8	45,8	60,0	64,9	64,5	56,1	55,7	53,5
Natural reproduction	2,1	4,5	8,0	12,8	13,6	15,3	16,4	14,0	16,7	16,6
Transfer of forest crops and natural reproduction into forested lands ¹ , thsd.ha	32,8	36,0	26,9	34,2	42,9	56,2	48,2	54,8	55,6	63,6
including forest crops	32,8	36,0	26,9	26,5	31,5	44,6	36,5	40,0	43,4	48,7
Remainder of the uncleaned areas ² , thsd.ha	4,8	4,4	4,1	2,4	7,6	7,5	5,8	8,1	2,2	1,7
Remainder of timber on felling areas ² , thsd.cub.m	692,2	767,7	961,8	1024,6	717,9	595,1	934,9	1322,6
Forest fires	2714	3758	3696	4223	6100	4042	7036	3240	2526	2163
Forest areas suffered from fires, thsd.ha	2,4	3,5	1,6	2,3	13,8	5,5	6,3	3,7	1,0	3,5
Losses caused by fires (at current prices) ³ , mln. UAH	1,1	178,5	1,4	3,5	188,4	58,8	24,7	26,7	3,2	56,1

¹ Before 2005, excluding of areas of transfer natural reproduction into forested lands

² Before 2010 inclusive, as of May 1 of the relevant year, since 2011, of the end of year

³ At current prices: in 1990, mln. KRB; in 1995, bln. KRB

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8.63. Forestry products, operations and services, by region

(at current prices; mln. UAH)

	1997	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	373,0	744,4	1991,1	2451,1	2956,3	3382,7	3138,1	4097,7	5674,8	5911,6
Autonomous Republic of Crimea	2,9	6,4	11,9	16,9	21,8	28,0	38,6	37,2	41,9	46,2
oblasts										
Vinnitsya	12,4	27,6	77,5	102,2	121,0	142,6	129,9	160,3	219,9	229,4
Volyn	25,5	26,8	96,2	118,0	148,9	166,5	152,8	211,1	300,5	323,2
Dnipropetrovsk	2,6	4,5	11,1	14,2	18,0	21,5	23,7	30,8	43,2	37,8
Donetsk	1,3	3,3	9,5	12,6	16,6	23,2	29,6	39,9	47,3	42,8
Zhytomyr	49,3	93,6	258,9	322,5	387,4	460,4	436,8	616,3	857,5	864,7
Zakarpattia	18,5	58,2	107,9	130,6	162,5	170,9	165,3	199,2	294,5	333,7
Zaporizhzhya	2,0	2,4	6,1	9,6	12,5	14,7	18,7	23,0	28,1	33,6
Ivano-Frankivsk	23,6	37,9	97,0	114,3	148,6	172,2	170,7	216,0	316,0	353,1
Kyiv	32,6	68,1	170,9	196,1	225,6	259,4	231,9	320,3	437,9	429,1
Kirovohrad	4,1	10,6	22,3	30,3	40,6	48,8	40,8	46,4	72,5	67,9
Luhansk	5,9	12,2	27,6	35,9	47,4	56,0	61,9	85,3	92,7	98,9
Lviv	27,2	62,7	157,5	193,4	235,4	242,3	213,6	287,4	391,7	376,4
Mykolayiv	3,2	3,4	9,7	14,1	18,2	21,0	26,5	30,8	34,3	36,5
Odesa	3,0	4,4	21,7	28,4	34,8	36,9	35,9	42,7	47,1	48,7
Poltava	8,2	20,2	47,9	59,0	62,1	80,4	72,2	101,7	135,6	147,1
Rivne	31,4	63,0	191,6	225,4	278,9	325,5	308,8	401,6	551,8	575,8
Sumy	18,1	34,0	114,5	168,1	189,9	217,3	205,8	271,0	387,0	386,2
Ternopil	5,9	18,2	37,5	46,9	56,1	61,2	49,4	64,5	97,3	95,5
Kharkiv	16,2	40,7	75,3	83,3	91,2	99,8	81,3	100,4	137,9	135,1
Kherson	3,0	3,7	19,8	25,0	43,2	37,0	35,2	43,3	46,1	58,0
Khmelnyskiy	16,6	33,3	98,1	116,8	124,5	137,2	128,5	155,9	204,8	201,1
Cherkasy	11,9	23,7	75,6	91,0	113,0	128,1	110,8	142,6	215,9	244,9
Chernivtsi	21,1	33,5	82,1	107,9	131,5	153,5	161,9	199,9	280,8	293,3
Chernihiv	24,5	48,1	142,5	167,9	197,9	233,8	179,0	243,7	359,1	379,9
cities										
Kyiv	1,6	3,3	17,7	18,0	25,3	40,1	23,9	21,7	27,5	65,9
Sevastopol	0,4	0,6	2,7	2,7	3,4	4,4	4,6	4,7	5,9	6,8

8.64. Forest felling and measures of forestry activities in 2012, by region

(thsd.ha)

	Forest and forested area ¹	Actual area of felling and measures	Including			
			main use felling	forest maintenance and reproduction felling and other measures connected with maintenance of forestry		other measures not connected with maintenance of forestry
				total	of which test felling	
Ukraine	10621,4	417,0	30,8	384,1	96,4	2,1
Autonomous Republic of Crimea	300,3	3,9	—	3,9	1,3	0,0
oblasts						
Vinnitsya	379,4	17,6	1,4	16,2	6,3	0,0
Volyn	697,7	38,8	2,6	36,1	9,6	0,1
Dnipropetrovsk	192,6	2,5	—	2,5	0,7	0,0
Donetsk	204,0	4,9	—	4,7	1,1	0,2
Zhytomyr	1123,2	55,0	5,6	49,0	11,2	0,4
Zakarpattia	723,9	22,0	1,3	20,5	4,6	0,2
Zaporizhzhya	118,9	1,9	—	1,9	0,3	0,0
Ivano-Frankivsk	635,4	24,0	2,3	21,6	4,9	0,1
Kyiv	648,8	24,3	1,8	22,4	6,7	0,1
Kirovohrad	186,2	3,8	0,1	3,7	1,2	0,1
Luhansk	355,9	16,0	0,1	15,8	3,2	0,0
Lviv	694,6	21,4	2,8	18,5	5,4	0,1
Mykolayiv	124,2	2,3	—	2,3	0,4	0,0
Odesa	223,9	3,7	—	3,7	0,7	0,0
Poltava	284,3	7,5	0,4	7,1	2,1	0,0
Rivne	803,8	41,0	3,3	37,6	6,5	0,1
Sumy	460,0	21,7	1,5	20,2	4,0	0,0
Ternopil	201,1	9,9	0,7	9,2	2,7	0,0
Kharkiv	416,9	15,0	0,2	14,7	3,3	0,1
Kherson	152,0	4,0	—	3,9	1,4	0,1
Khmelnyskiy	287,6	12,0	1,1	10,9	4,6	0,0
Cherkasy	338,6	17,7	0,9	16,5	4,3	0,3
Chernivtsi	257,9	13,9	2,0	11,8	4,7	0,1
Chernihiv	739,4	24,8	2,6	22,2	4,3	0,0
cities						
Kyiv	35,3	7,2	0,1	7,0	0,8	0,1
Sevastopol	35,5	0,2	—	0,2	0,1	—

¹ According to the data from the State Agency of Land Resources of Ukraine as of January, 1, 2013

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8.65. Forest maintenance and reproduction felling and other measures, by region

(thsd.ha)

	1990	1995 ¹	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	508,6	475,6	432,9	437,6	440,1	446,8	396,9	331,1	373,1	389,7	386,2
Autonomous Republic of Crimea	5,2	4,5	4,8	3,9	3,5	3,6	3,6	3,4	3,3	3,7	3,9
oblasts											
Vinnitsya	22,1	26,0	22,7	23,2	21,1	21,5	19,9	17,9	18,3	17,3	16,2
Volyn	35,7	29,3	31,5	43,1	36,4	37,0	33,9	29,6	30,1	29,0	36,2
Dnipropetrovsk	4,9	4,2	3,9	2,4	2,1	2,1	2,0	1,5	1,7	2,5	2,5
Donetsk	8,6	6,4	3,4	3,2	3,6	3,9	3,4	4,4	5,6	5,8	4,9
Zhytomyr	44,7	47,6	39,5	47,1	51,1	50,1	47,1	38,9	47,3	52,1	49,4
Zakarpattia	25,1	14,0	18,6	27,8	24,6	26,4	22,3	22,1	24,4	21,0	20,7
Zaporizhzhya	1,6	1,4	1,5	1,6	1,7	1,8	1,9	1,9	1,9	2,0	1,9
Ivano-Frankivsk	34,6	28,6	36,7	17,9	19,2	24,2	19,8	18,3	21,3	20,3	21,7
Kyiv	31,9	41,7	27,4	32,3	30,9	29,2	26,2	15,8	24,4	26,3	22,5
Kirovohrad	5,5	5,2	4,1	4,9	4,8	4,6	4,5	3,7	4,4	5,1	3,7
Luhansk	11,8	7,9	10,5	8,6	11,1	10,2	10,6	11,5	12,3	15,3	15,8
Lviv	47,2	35,1	26,8	21,4	24,5	24,9	22,4	15,9	18,1	20,3	18,6
Mykolayiv	2,4	2,2	2,7	3,2	2,6	2,5	2,4	2,0	1,9	2,1	2,3
Odesa	5,4	6,1	4,3	5,7	5,8	5,6	4,7	4,5	4,1	3,8	3,7
Poltava	10,2	8,7	15,0	7,9	8,6	7,8	7,4	7,4	7,6	7,6	7,1
Rivne	45,3	34,4	45,3	45,6	45,3	46,3	40,8	38,3	38,7	36,9	37,7
Sumy	20,1	25,7	18,7	21,3	22,6	21,3	21,2	17,4	19,8	19,9	20,2
Ternopil	19,1	14,7	11,2	8,1	8,4	8,6	7,5	7,2	7,6	8,8	9,2
Kharkiv	22,4	18,6	9,5	15,5	14,9	14,9	9,8	9,6	10,7	11,7	14,8
Kherson	3,4	4,0	2,3	4,6	4,4	8,5	3,8	4,5	4,6	4,2	4,0
Khmelnyskiy	23,6	21,9	20,0	18,8	19,3	17,5	13,5	10,7	12,4	13,3	11,0
Cherkasy	26,4	24,5	17,6	20,8	19,8	19,4	17,8	15,6	16,2	16,6	16,8
Chernivtsi	14,6	16,0	12,8	11,6	11,9	13,4	12,7	9,8	11,0	12,5	11,9
Chernihiv	36,8	41,0	39,2	32,3	37,8	37,5	32,8	16,1	21,1	26,8	22,2
cities											
Kyiv	...	5,3	2,7	4,6	3,9	3,8	4,7	2,9	4,1	4,6	7,1
Sevastopol	...	0,6	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2

¹ In addition, in the forests of Ukrzaliznytsya, Ukrainian Railway Corporation (Ministry of Infrastructure of Ukraine), and other forest maintenance felling accounted for 8,3 thsd.ha in 1995

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8.66. Marketable timber produced, by region

(thsd.cub.m)

	1997	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	10597,6	11261,7	15244,3	15848,6	16884,3	15723,7	14221,4	16145,6	17510,3	17506,7
Autonomous Republic of Crimea	45,0	54,4	60,1	57,7	63,0	71,9	65,5	59,3	64,7	69,1
oblasts										
Vinnitsya	451,3	438,2	624,7	649,4	722,5	690,2	639,6	667,3	667,2	664,5
Volyn	800,9	641,8	877,1	976,2	1023,2	907,3	849,3	976,7	974,9	1021,8
Dnipropetrovsk	38,1	54,4	48,6	43,4	47,8	61,2	36,5	44,6	139,1	104,7
Donetsk	58,0	36,5	51,6	55,4	62,6	62,8	66,2	81,2	99,0	84,4
Zhytomyr	1411,3	1356,3	1977,7	2166,3	2206,4	2157,3	2099,6	2444,1	2684,9	2677,7
Zakarpattia	608,3	906,7	1032,3	1010,0	1117,2	953,4	905,2	1003,7	1157,4	1154,9
Zaporizhzhya	13,7	21,6	18,0	21,2	21,4	23,2	24,9	28,0	27,0	25,9
Ivano-Frankivsk	466,3	518,0	784,6	826,3	950,5	864,7	839,3	923,2	1005,1	1124,3
Kyiv	640,4	950,1	1287,8	1252,6	1270,3	1210,2	999,5	1274,7	1391,2	1237,3
Kirovohrad	85,2	101,2	213,8	206,4	213,3	202,7	181,0	182,8	205,9	201,5
Luhansk	324,9	205,6	152,4	170,7	182,2	181,7	167,4	230,3	208,2	192,0
Lviv	679,5	774,1	1036,2	1126,9	1244,7	1165,9	960,4	1106,8	1254,4	1146,4
Mykolayiv	29,0	34,4	36,3	44,8	45,3	33,5	34,1	33,9	33,8	33,8
Odesa	78,9	71,5	136,7	134,4	124,6	100,5	88,3	77,0	78,9	79,9
Poltava	206,4	386,7	328,1	337,7	333,0	324,7	315,8	367,1	381,1	397,8
Rivne	914,0	816,0	1191,3	1262,7	1341,9	1320,6	1256,8	1409,5	1469,1	1557,4
Sumy	627,4	640,2	902,9	987,4	977,6	954,9	854,8	962,2	1042,8	1012,6
Ternopil	204,8	243,7	260,5	278,5	288,6	262,5	223,2	247,2	293,8	287,8
Kharkiv	377,1	406,9	578,3	519,6	519,8	451,1	422,7	421,4	463,0	459,8
Kherson	97,7	68,6	146,5	128,3	370,2	155,3	130,5	127,0	95,5	119,1
Khmelnyskiy	495,8	520,4	718,6	709,3	665,3	590,2	557,2	576,1	616,7	570,1
Cherkasy	390,0	406,9	567,2	575,7	616,3	588,2	544,8	608,0	617,7	633,9
Chernivtsi	560,1	569,3	804,3	826,0	920,9	866,1	821,8	899,9	963,9	971,3
Chernihiv	900,1	938,0	1284,9	1369,4	1451,8	1400,1	1051,5	1237,9	1412,4	1421,5
cities										
Kyiv	89,1	97,8	122,2	110,4	101,7	121,4	82,6	152,4	160,2	253,8
Sevastopol	4,3	2,4	1,6	1,9	2,2	2,1	2,9	3,3	2,4	3,4

8.67. Forest reproduction, by region

(ha)

	1990	1995	2000 ¹	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	37458	38398	37806	58638	66690	73624	80230	80912	70084	72358	70146
Autonomous Republic of Crimea	935	323	89	47	520	1015	1006	1693	1434	1361	1119
oblasts											
Vinnitsya	1060	1025	1047	1322	1873	2613	3135	3097	3014	2613	2134
Volyn	1715	2690	3177	4744	5543	5795	4895	4245	4025	4485	4200
Dnipropetrovsk	441	805	529	436	814	1150	992	2271	1962	1376	1031
Donetsk	739	305	461	648	773	983	872	2271	2035	2278	1131
Zhytomyr	4179	4604	4621	7458	7972	8577	8875	8190	6433	7351	7803
Zakarpattia	2825	2348	2205	2747	2852	2772	3016	2721	2192	2547	2839
Zaporizhzhya	351	550	438	645	740	1260	1156	2011	2017	2235	2151
Ivano-Frankivsk	2227	2281	2039	2816	2978	2850	3195	2907	2424	2867	3418
Kyiv	3317	2881	2583	4169	3559	3681	3517	3629	2945	3533	3622
Kirovohrad	353	282	398	868	778	1218	1851	2744	2346	1878	1767
Luhansk	1103	1210	1756	4428	4668	5327	4181	5423	6160	5677	5173
Lviv	2556	2539	3126	4754	4411	4438	4841	4364	3258	3714	4179
Mykolayiv	1301	873	393	845	1182	1726	1844	2830	2686	2124	1812
Odesa	1204	1085	407	441	1610	2425	2705	3500	3423	2423	2377
Poltava	823	892	626	1971	2151	2559	2686	2748	2244	2737	2466
Rivne	3077	3805	3466	4807	5903	6899	7611	5704	5211	6068	5903
Sumy	879	1322	1453	2185	2488	2599	3090	3306	2394	2750	2636
Ternopil	659	860	782	1136	1347	1397	1768	1300	912	979	842
Kharkiv	966	892	1639	1799	2235	1760	1754	2355	1164	1200	1441
Kherson	1656	366	185	1212	1399	1592	5538	2051	1972	1606	1576
Khmelnyskiy	1171	1280	1231	2008	1889	1731	2673	2690	2402	1972	1539
Cherkasy	935	1096	1149	1219	1795	2090	2096	2166	1657	1920	1839
Chernivtsi	967	1311	1436	2195	2480	2220	2544	2255	2272	2567	2775
Chernihiv	2019	2590	2476	3524	4550	4795	4283	4316	3419	3957	4079
cities											
Kyiv	...	118	93	190	150	120	66	75	51	121	269
Sevastopol	...	65	1	24	30	32	40	50	32	19	25

¹ In addition, in forests of Ukrzaliznytsya, Ukrainian Railway Corporation (Ministry of Infrastructure of Ukraine), reforestation amounted to 11 ha in 2000

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8.68. Reforestation, by region

(ha)

	1990	1995	2000 ¹	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	35352	33896	29802	45855	54008	60051	64877	64499	56076	55694	53511
Autonomous Republic of Crimea	902	313	89	30	486	1011	967	1567	1411	1319	1080
oblasts											
Vinnitsya	1060	994	1008	1276	1812	2502	2852	2879	2791	2225	1913
Volyn	1508	2306	1776	3093	4158	4584	3522	2836	2400	2414	2477
Dnipropetrovsk	441	805	522	406	793	1116	938	2119	1907	1341	970
Donetsk	739	290	403	583	682	924	809	2186	1987	2149	995
Zhytomyr	4071	3983	3605	5308	5738	5845	5635	5554	4282	4911	5227
Zakarpattia	2081	1823	1687	1955	1999	1868	1977	1511	1122	1274	1408
Zaporizhzhya	351	550	438	624	740	1260	1153	2011	2004	2232	2151
Ivano-Frankivsk	2043	2132	1577	1699	1660	1465	1699	1308	1080	1310	1785
Kyiv	3317	2704	2121	3437	2847	2912	2670	2728	2307	2797	2865
Kirovohrad	353	282	389	844	741	1185	1797	2661	2268	1843	1700
Luhansk	1103	1210	1756	4160	4554	5161	4081	5104	5849	5423	5010
Lviv	2306	2112	2572	4138	4010	3691	3865	3096	2422	2615	2806
Mykolayiv	1301	867	292	666	1038	1537	1686	2661	2498	1959	1708
Odesa	1204	1085	352	389	1548	2399	2498	3362	3218	2201	2212
Poltava	823	786	552	1701	1846	2255	2278	2279	2035	2492	2261
Rivne	2929	2803	1868	2997	4242	5229	5692	3963	3505	4019	3978
Sumy	879	1247	1383	1921	2191	2279	2781	2947	2214	2433	2270
Ternopil	659	860	760	959	1232	1286	1667	1201	839	899	761
Kharkiv	966	842	1587	1775	2190	1730	1701	2185	1068	1125	1317
Kherson	1656	366	105	578	856	1185	5458	1653	1581	1262	1318
Khmelnyskiy	1171	1201	1120	1884	1693	1518	2307	2193	2053	1588	1256
Cherkasy	935	1053	1020	949	1571	1827	1817	1929	1393	1483	1262
Chernivtsi	637	826	834	1391	1416	1196	1406	1051	1103	1140	1221
Chernihiv	1917	2273	1903	2894	3789	3934	3523	3401	2656	3100	3270
cities											
Kyiv	...	118	82	174	146	120	58	70	51	121	265
Sevastopol	...	65	1	24	30	32	40	44	32	19	25

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

8.69. Forest protection operations

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total area affected by pests and diseases, end of year, thsd.ha	343,5	420,5	443,7	602,6	542,1	492,6	496,6	546,5	557,4	765,8	733,9
Forest protection from pests and diseases, thsd.ha	304,6	289,6	174,3	234,8	183,4	180,0	121,5	100,2	81,9	141,2	89,7
by biological methods	278,0	228,5	159,1	188,6	159,8	159,0	98,9	76,2	68,4	68,4	60,4
by chemicals	26,6	61,1	15,2	46,2	23,6	21,0	22,6	24,0	13,5	72,8	29,3
Pests and diseases liquidated by different methods, thsd.ha	131,8	108,2	71,8	138,1	94,4	89,8	110,7	97,0	101,0	121,8	215,2
Death of forests, ha	4020	7468	8908	12085	12795	29897	18242	13469	20864	16414	20187
of which due to pests	48	536	388	860	1129	821	926	1146	1295	1505	1376
diseases	323	1252	1278	3294	4329	2793	3883	3628	5632	6428	6463
adverse weather conditions	2024	3484	6421	6064	5249	15272	9166	5443	10113	6604	8469
forest fires	1157	2031	696	1437	1864	10955	3819	2727	3127	909	2915

8.70. Forest fires in 2012, by region

	Incidents, units	Forest areas suffered from fires, ha	Sustained losses (at current prices), thsd. UAH		
			total	including the value	
				of the burnt out forests	procured forest products and other tangible assets
Ukraine	2163	3479	56062,7	2446,0	818,3
Autonomous Republic of Crimea	52	31	1432,7	881,4	46,8
oblasts					
Vinnitsya	5	32	659,6	0,0	—
Volyn	21	20	42,3	10,9	—
Dnipropetrovsk	200	129	330,3	83,9	41,3
Donetsk	229	47	78,3	—	—
Zhytomyr	35	15	22,9	1,2	—
Zakarpattia	10	46	822,2	—	662,9
Zaporizhzhya	96	122	208,8	136,1	—
Ivano-Frankivsk	1	2	1,9	—	—
Kyiv	189	62	256,3	113,6	—
Kirovohrad	13	3	1,9	—	—
Luhansk	314	39	288,2	39,5	—
Lviv	20	54	155,9	0,0	—
Mykolayiv	9	3	19,2	1,2	—
Odesa	64	102	221,7	203,5	—
Poltava	40	7	46,0	—	—
Rivne	70	64	93,6	0,0	—
Sumy	90	61	462,8	0,3	—
Ternopil	1	1	—	—	—
Kharkiv	217	62	428,6	238,8	—
Kherson	199	2493	50102,2	707,9	63,9
Khmelnyskiy	4	2	1,2	—	—
Cherkasy	99	35	77,1	—	—
Chernivtsi	5	6	4,4	—	—
Chernihiv	30	16	35,8	26,4	—
cities					
Kyiv	113	12	37,4	0,5	—
Sevastopol	37	13	231,4	0,8	3,4

AGRICULTURE, HUNTING, FORESTRY. FISHING

FISHING

8.71. Fishing and harvesting of other water living resources, by type of water basin¹

(t)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total	400191	350087	265585	228840	213669	244527	256853	218681	211182	203926
Inland water basins	67816	38210	37396	36701	43207	41229	42201	38364	37574	41569
of which										
freshwater basins	59391	38188	37388	36701	42625	40573	41808	37947	36902	41066
of which										
lakes	1871	693	2660	2413	3167	2494	2566	1435	2064	2173
rivers	3020	1937	1806	1673	2242	2281	2915	2233	2244	2694
water basins (excluding herbivorous fish)	8828	8087	6781	6636	11087	9951	12419	11824	10914	10969
ponds and other water basins of fishing industries	43259	24970	24343	24479	23722	23379	21602	18947	18280	22517
Exeptional (sea) economic zone of Ukraine	30133	56990	61176	46799	46909	55037	67314	69725	74870	63454
Exeptional (sea) economic zone of other countries	279548	175033	149622	122374	123553	140705	147338	110592	98738	98903
Open section of the World Ocean	22694	79854	17391	22966	—	7556	—	—	—	—

¹ Since 2007 data include fishing by natural persons-entrepreneurs

AGRICULTURE, HUNTING, FORESTRY. FISHING

8.72. Fishing and harvesting of other water living resources, by type¹

(t)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Fish	363444	346699	234185	202231	198335	220543	238600	215017	205285	195490
herrings	311	73	270	300	324	506	446	485	432	227
sardines	64907	46874	38979	31845	34543	45151	34773	22277	19748	9763
sprat	10284	29422	31423	17214	15762	20197	23132	24230	23499	15704
sardelles	8077	9002	12563	8667	11999	11869	12901	10346	15314	8232
khamsa	18514	15356	5407	6151	8604	11142	15117	22486	25063	29800
caspian roache, sea-roache	2716	2421	1077	881	1222	776	668	688	871	1540
pike-perch	781	1183	423	404	493	391	420	367	441	396
bream	2169	2209	1979	1967	2854	2930	3048	2713	2507	2830
grey mullet	252	5459	6035	6911	6143	5133	7169	3837	3705	1435
carp	25385	8519	10531	10322	11255	10671	11029	9858	8762	10357
silver carp	17466	15239	14705	14732	15249	14479	12396	11752	12139	12146
mackerel	56266	18357	2880	3880	2881	6718	9526	16814	14646	14710
horse-mackerel	50064	27734	25773	21614	25144	23854	36299	25852	20431	23417
bullhead	203	752	9607	8065	6273	7628	7436	8888	6765	9163
sanderling	188	372	380	631	1042	536	943	910	900	731
cod	13189	24637	1375	921	1282	169	97	37	93	294
others	92672	139090	70778	67726	53265	58393	63200	53477	49969	54745
Other water living resources	36747	3388	31400	26609	15334	23984	18253	3664	5897	8436
of which										
crustaceans	27302	10	14077	14137	24	7586	46	41	49	61
mollusks	8340	3353	17256	12439	15138	15999	15626	2732	3884	8132
aquatic plants	743	6	4	0	32	11	2180	140	1359	61

¹ See the footnote to Table 8.71

8.73. Fishing and harvesting of other water living resources, by region¹

(t)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	400191	350087	265585	228840	213669	244527	256853	218681	211182	203926
Autonomous Republic of Crimea	102478	126698	34269	24095	25026	25265	17194	15207	19273	13235
oblasts										
Vinnitsya	3245	1824	1817	1731	1691	1675	1648	1926	1918	2403
Volyn	743	261	401	476	664	375	325	423	471	512
Dnipropetrovsk	4052	2717	1997	1630	1692	1592	1697	1794	2037	2214
Donetsk	7353	7777	10811	9650	8925	11124	10688	9887	9017	6866
Zhytomyr	1630	911	833	892	875	539	460	534	559	605
Zakarpattia	685	281	388	411	422	442	406	377	355	530
Zaporizhzhya	5028	3722	9668	7943	10291	10642	11623	11926	11826	10177
Ivano-Frankivsk	1169	357	551	552	603	558	631	507	600	595
Kyiv	4275	2002	1393	1220	2261	2483	1829	1999	1794	2370
Kirovohrad	889	1363	1128	1100	1291	1302	1470	1553	708	1298
Luhansk	1072	1196	370	349	511	434	508	513	391	485
Lviv	2367	1312	1575	1653	1626	1486	1590	1287	932	1123
Mykolayiv	5062	2944	761	994	3377	2093	3949	3000	3753	2883
Odesa	68120	31512	23258	20309	15659	10098	48979	19527	10150	10318
Poltava	4698	3288	2163	3054	3459	3355	1783	1379	1485	1303
Rivne	927	504	601	531	713	646	629	486	538	458
Sumy	2860	1925	2329	1703	1681	1715	2135	2112	1807	2192
Ternopil	740	286	408	467	515	405	630	745	646	713
Kharkiv	1464	1025	987	1147	1010	1295	1396	1131	1300	1128
Kherson	5372	5816	6840	5971	5548	4865	5400	4801	5940	5848
Khmelnyskiy	1479	700	746	770	824	850	679	176	237	443
Cherkasy	5415	5175	4448	3787	4568	4834	5726	5254	4868	5519
Chernivtsi	450	522	464	562	366	423	509	487	524	612
Chernihiv	791	397	707	782	1158	1118	1133	1148	896	1102
cities										
Kyiv	—	2240	—	—	—	16773	16928	19193	18096	15360
Sevastopol	167827	143332	156672	137061	118913	138140	116908	111309	111061	113634

¹ See the footnote to Table 8.71

9. INVESTMENT AND CONSTRUCTION ACTIVITY

The section contains information about the volumes and structures of capital investment, and costs for putting them into operation, and sources of financing. It also has data on commissioning the buildings (including residential), engineer installations and production capacities. The section also presents indicators on the activity of construction enterprises.

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,

manufacturing, production and distribution of electricity, gas and water; light industry: textile industry, sewing of clothes, fur and fur articles; production of leather, leather articles and other materials; chemical and petrochemical industry: production of chemicals, production of rubber and plastic products; engineering: manufacture of machinery and equipment, manufacture of electric, electronic and optical equipment, manufacture of transport vehicles and equipment.

The **volume of construction work** is the value (at current prices without VAT) of operations being performed during the new construction, repair, expansion, reconstruction of buildings and engineering structures, restoration and technical re-equipment of enterprises.

The **construction work**, according to *the Classification of Types of Economic Activity*, State Classifier 009:2005, includes operations related to the preparation of construction sites, construction of buildings and structures, establishment of technical equipment, buildings and structures, operations upon competing construction and leasing of construction equipment with operator (Section F *Construction*).

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).

Indicators of the structure of investment are based on their components at current prices for the relevant years.

The value indicators are shown at current prices for the corresponding years. Indices shown in the section are calculated basing on data given at comparable prices.

INVESTMENT AND CONSTRUCTION ACTIVITY

9.1. Capital investment by type of assets¹

	2010	2011	2012
At current prices, mln. UAH			
Total	189061	259932	293692
Investment into material assets	182076	250501	285146
residential buildings	28736	29557	38549
non-residential buildings	38912	51325	56811
engineering structure	40757	67692	64849
machines, equipment and stock	55183	73167	85938
transport vehicles	11399	18925	28195
land	1292	2311	1804
long-term biological assets of crop growing and cattle raising	2011	3070	1943
other material assets	3786	4454	7057
Investment into non-material assets	6985	9431	8546
including			
software and data bases	2826	3274	3427
rights on commercial notations, objects of industrial ownership, author's rights and related rights, patents, licences, concessions, etc	3070	4121	3678
Percentage of total			
Total	100,0	100,0	100,0
Investment into material assets	96,3	96,4	97,1
residential buildings	15,2	11,4	13,1
non-residential buildings	20,6	19,7	19,3
engineering structure	21,5	26,0	22,1
machines, equipment and stock	29,2	28,2	29,3
transport vehicles	6,0	7,3	9,6
land	0,7	0,9	0,6
long-term biological assets of crop growing and cattle raising	1,1	1,2	0,7
other material assets	2,0	1,7	2,4
Investment into non-material assets	3,7	3,6	2,9
including			
software and data bases	1,5	1,3	1,2
rights on commercial notations, objects of industrial ownership, author's rights and related rights, patents, licences, concessions, etc	1,6	1,6	1,3

¹ Here and elsewhere (Tables 9.2–9.11 and 9.17, 9.18) – capital investment are published by enterprises-legal persons by their main type of economic activity and location (legal address). Index of capital investment is compiled and follows the present information Technique to compile index of capital investment (SSCU Decree 494 of December 25, 2009), which is posted on the official SSSU website

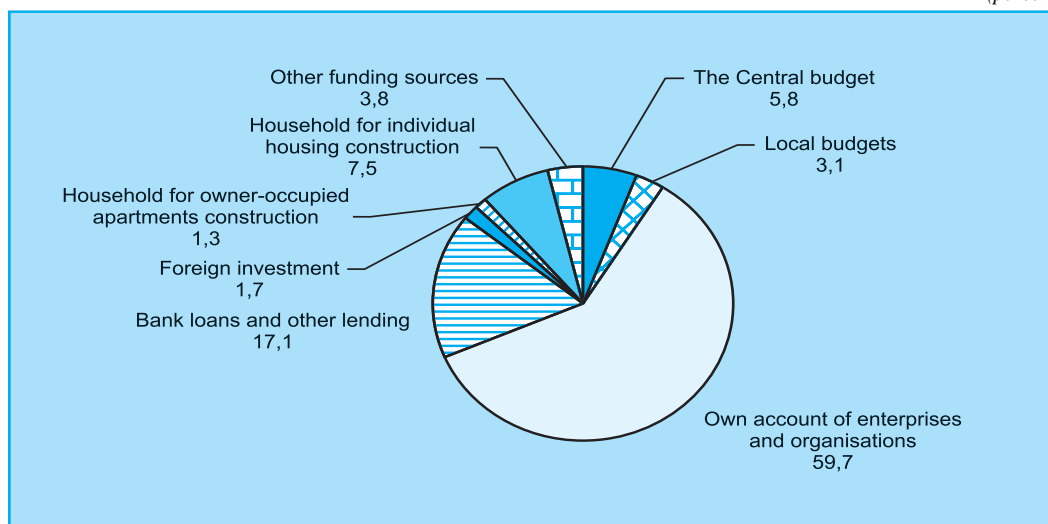
INVESTMENT AND CONSTRUCTION ACTIVITY

9.2. Capital investments, by source of financing

	2010	2011	2012
At current prices, mln. UAH			
Total	189061	259932	293692
including on account of			
the Central budget	10952	18395	17141
local budgets	6368	8801	9149
own account of enterprises and organisations	114964	152279	175424
bank loans and other lending	23336	42324	50105
foreign investment	4068	7196	5041
households for owner-occupied apartments construction	4654	4470	3651
households for individual housing construction	16176	15103	21975
other funding sources	8543	11364	11206
Percentage of total			
Total	100,0	100,0	100,0
including on account of			
the Central budget	5,8	7,1	5,8
local budgets	3,4	3,4	3,1
own account of enterprises and organisations	60,8	58,6	59,7
bank loans and other lending	12,3	16,3	17,1
foreign investment	2,1	2,8	1,7
households for owner-occupied apartments construction	2,5	1,7	1,3
households for individual housing construction	8,6	5,8	7,5
other funding sources	4,5	4,3	3,8

9.3. Structure of capital investment, by source of financing in 2012

(percent)



INVESTMENT AND CONSTRUCTION ACTIVITY

9.4. Capital investment, by region

(at current prices; mln.UAH)

	2010	2011	2012
Ukraine	189061	259932	293692
Autonomous Republic of Crimea	6927	16911	18332
oblasts			
Vinnitsya	3545	5081	5824
Volyn	1767	2577	3255
Dnipropetrovsk	16017	22116	22509
Donetsk	14994	26802	31722
Zhytomyr	2011	2520	2893
Zakarpattia	2205	3052	2736
Zaporizhzhya	7964	6677	7204
Ivano-Frankivsk	4379	4256	5167
Kyiv	11331	17673	20367
Kirovohrad	2123	3993	4576
Luhansk	5646	6980	8223
Lviv	8830	12114	11173
Mykolayiv	4422	4298	4696
Odesa	9724	9347	14631
Poltava	6289	7859	10218
Rivne	1937	2566	2771
Sumy	2188	3022	2871
Ternopil	2138	2524	3375
Kharkiv	8063	13035	14759
Kherson	1891	2688	2436
Khmelnyskiy	2948	3547	3489
Cherkasy	2831	3225	3781
Chernivtsi	1715	1794	2229
Chernihiv	1891	2397	2737
cities			
Kyiv	53726	71143	79614
Sevastopol	1559	1735	2104

INVESTMENT AND CONSTRUCTION ACTIVITY

9.5. Indices for capital investment, by region

(percent)

	2010=100		To the previous year		
	2011	2012	2010	2011	2012
Ukraine	118,9	128,8	103,4	118,9	108,3
Autonomous Republic of Crimea	256,6	276,9	114,7	256,6	107,9
oblasts					
Vinnitsya	128,0	129,2	129,0	128,0	100,9
Volyn	124,8	151,5	65,1	124,8	121,4
Dnipropetrovsk	122,3	114,8	115,0	122,3	93,9
Donetsk	153,5	172,5	102,1	153,5	112,4
Zhytomyr	88,9	97,9	92,1	88,9	110,1
Zakarpattia	134,3	109,3	118,6	134,3	81,4
Zaporizhzhya	70,4	71,5	164,9	70,4	101,6
Ivano-Frankivsk	87,8	100,3	122,3	87,8	114,2
Kyiv	130,9	154,7	105,0	130,9	118,2
Kirovohrad	144,6	176,4	87,7	144,6	122,0
Luhansk	114,6	141,6	124,9	114,6	123,6
Lviv	120,5	104,6	114,5	120,5	86,8
Mykolayiv	88,4	90,4	117,9	88,4	102,3
Odesa	82,1	126,0	86,0	82,1	153,5
Poltava	103,0	147,6	106,7	103,0	143,3
Rivne	117,4	123,9	92,8	117,4	105,5
Sumy	113,7	115,6	108,8	113,7	101,7
Ternopil	112,6	137,0	156,0	112,6	121,7
Kharkiv	141,5	161,6	101,9	141,5	114,2
Kherson	129,8	114,1	100,3	129,8	87,9
Khmelnyskiy	105,8	98,2	85,9	105,8	92,8
Cherkasy	97,7	115,3	129,1	97,7	118,0
Chernivtsi	95,9	107,2	95,2	95,9	111,8
Chernihiv	118,4	127,9	117,1	118,4	108,0
cities					
Kyiv	108,3	110,9	92,0	108,3	102,4
Sevastopol	90,4	101,2	112,3	90,4	112,0

INVESTMENT AND CONSTRUCTION ACTIVITY

9.6. Per capita capital investment, by region

(at current prices; UAH)

	2010	2011	2012
Ukraine	4137,9	5709,6	6467,1
Autonomous Republic of Crimea	3541,7	8652,4	9375,3
oblasts			
Vinnytsya	2163,0	3116,0	3587,4
Volyn	1708,5	2489,5	3139,5
Dnipropetrovsk	4791,6	6651,2	6798,9
Donetsk	3379,3	6084,2	7248,4
Zhytomyr	1567,5	1973,4	2274,4
Zakarpattia	1773,9	2449,0	2189,2
Zaporizhzhya	4410,3	3718,1	4030,0
Ivano-Frankivsk	3178,7	3090,5	3749,0
Kyiv	6611,5	10318,1	11875,7
Kirovohrad	2107,2	3994,0	4611,3
Luhansk	2458,2	3064,8	3638,3
Lviv	3491,9	4798,6	4429,5
Mykolayiv	3729,6	3642,2	3996,3
Odesa	4087,7	3931,7	6145,7
Poltava	4233,0	5329,8	6975,8
Rivne	1683,0	2226,7	2400,1
Sumy	1878,3	2617,0	2506,3
Ternopil	1974,2	2339,4	3137,6
Kharkiv	2935,9	4769,5	5410,8
Kherson	1735,5	2478,8	2256,6
Khmelnyskiy	2220,7	2686,2	2655,7
Cherkasy	2200,5	2524,3	2978,4
Chernivtsi	1902,4	1989,9	2468,5
Chernihiv	1726,2	2209,6	2547,3
cities			
Kyiv	19530,3	25725,9	28552,9
Sevastopol	4115,8	4577,1	5532,0

INVESTMENT AND CONSTRUCTION ACTIVITY

9.7. Capital investment, by type of economic activity

(at current prices; mln. UAH)

	2010	2011	2012
Total	189061	259932	293692
Agriculture, hunting, forestry	12062	17006	19363
agriculture, hunting and related services	11881	16704	19090
forestry and related services	181	302	273
Fishing	74	49	43
Industry	55661	89033	103173
Construction	27942	29122	37313
Trade; repair of motor vehicles, household appliances and personal demand items	19626	24358	24858
trade in motor vehicles and motor-cycles, maintenance and servicing	2174	3636	1666
wholesale trade and sale intermediation	13172	15021	17732
retail trade; repair of household appliances and personal demand items	4280	5701	5460
Hotels and restaurants	1523	2225	2856
hotels	774	1140	1785
Transport and communications	26387	32516	39635
surface transport	7029	9028	15151
water transport	185	149	117
air transport	641	853	776
additional transport services and auxiliary operations	12128	15829	16426
post and communications	6404	6657	7165
communications	6280	6505	6780
Financial activity	5297	5712	7149
Real estate transactions, renting, engineering and provision of services to businessmen	23086	37414	36069
real estate activities	14013	21323	20893
renting of machinery and equipment; hiring of household appliances and personal demand items	1827	2892	3865
informatisation activity	270	602	708
research and development	580	744	569
activity in legislation, bookkeeping operations, in engineering; provision of services to businessmen	6396	11853	10034
Public administration	8598	12508	12703
Education	1920	2185	1492
Health care and provision of social aid	2478	2491	3135
Provision of communal and individual services; cultural and sporting activity	4407	5313	5903
sanitary services, street cleaning and refuse disposal	225	339	542
activity of public organisations	318	132	109
cultural, sporting, recreational and entertainment activities	3447	3714	4845
provision of individual services	417	1128	407

INVESTMENT AND CONSTRUCTION ACTIVITY

9.8. Indices for capital investment, by type of economic activity

(percent of the previous year)

	2010	2011	2012
Total	103,4	118,9	108,3
Agriculture, hunting, forestry	112,2	131,1	110,5
agriculture, hunting and related services	111,8	130,8	111,0
forestry and related services	141,8	145,8	84,9
Fishing	194,4	35,7	179,8
Industry	92,5	143,8	107,1
Construction	147,8	91,6	120,2
Trade; repair of motor vehicles, household appliances and personal demand items	99,3	99,9	114,6
trade in motor vehicles and motor-cycles, maintenance and servicing	88,2	129,3	71,2
wholesale trade and sale intermediation	101,8	90,6	130,3
retail trade; repair of household appliances and personal demand items	97,7	116,3	97,9
Hotels and restaurants	118,2	104,3	118,8
hotels	127,4	95,0	140,6
Transport and communications	104,8	102,5	113,4
surface transport	142,4	109,9	155,0
water transport	380,5	152,2	170,7
air transport	144,7	117,5	106,8
additional transport services and auxiliary operations	142,8	114,7	94,4
post and communications	57,7	75,4	104,6
communications	57,2	74,8	101,1
Financial activity	106,9	85,4	128,2
Real estate transactions, renting, engineering and provision of services to businessmen	90,2	130,7	99,1
real estate activities	82,6	122,0	86,4
renting of machinery and equipment; hiring of household appliances and personal demand items	105,7	106,7	241,2
informatisation activity	135,8	179,8	106,0
research and development	120,4	113,9	107,3
activity in legislation, bookkeeping operations, in engineering; provision of services to businessmen	102,0	153,2	92,0
Public administration	94,5	136,9	95,5
Education	117,8	90,1	69,0
Health care and provision of social aid	138,9	100,1	124,9
Provision of communal and individual services; cultural and sporting activity	137,9	99,4	60,0
sanitary services, street cleaning and refuse disposal	101,3	123,9	162,6
activity of public organisations	116,2	12,4	115,6
cultural, sporting, recreational and entertainment activities	132,9	78,1	67,7
provision of individual services	422,1	381,6	25,2

INVESTMENT AND CONSTRUCTION ACTIVITY

9.9. Capital investment, by industrial activity

(at current prices; mln. UAH)

	2010	2011	2012
Industry	55661	89033	103173
Mining	15685	24288	31554
mining of fuel and energy minerals	11631	16598	23287
mining operations apart from fuel and energy minerals	4054	7690	8267
Manufacturing	30079	43084	43359
production of foodstuffs, beverages and tobacco products	7967	12235	13719
light industry	509	548	396
textile industry, sewing of clothes, fur and fur articles	377	416	334
production of leather, leather articles and other materials	132	132	62
wood working and production of wood products apart from furniture	541	2299	529
cellulose and paper industry; printing	962	1450	1742
production of coke and refined petroleum products	1426	1577	1214
chemical and petrochemical industry	3686	4672	5346
production of chemicals	2967	3717	4438
production of rubber and plastic products	719	955	908
production of other non-metallic mineral products	3124	3465	2954
metallurgy and production of finished metal products	6705	9841	9245
engineering	4769	6334	7555
manufacture of machinery and equipment	2066	2543	3142
manufacture of electrical, electronic and optical equipment	1057	1438	1452
manufacture of transport vehicles and equipment	1645	2353	2961
other manufacture n.i.e.	390	663	659
Production and distribution of electricity, gas and water	9897	21661	28260

INVESTMENT AND CONSTRUCTION ACTIVITY

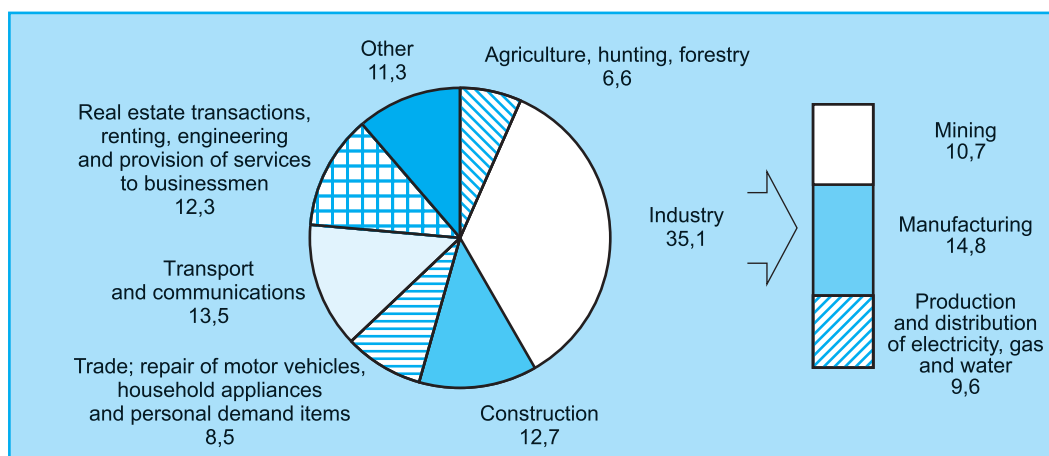
9.10. Indices for capital investment, by industrial activity

(percent of the previous year)

	2010	2011	2012
Industry	92,5	143,8	107,1
Mining	116,1	140,0	129,2
mining of fuel and energy minerals	113,6	130,0	142,2
mining operations apart from fuel and energy minerals	123,8	167,5	101,5
Manufacturing	84,9	128,2	94,9
production of foodstuffs, beverages and tobacco products	78,9	144,1	97,4
light industry	102,3	103,6	83,3
textile industry; sewing of clothes, fur and fur articles	115,6	104,5	80,5
production of leather, leather articles and other materials	76,9	99,6	95,4
wood working and production of wood products apart from furniture	51,2	371,4	21,1
cellulose and paper industry; printing	83,4	137,5	116,8
production of coke and refined petroleum products	158,9	91,7	73,8
chemical and petrochemical industry	83,7	99,3	105,9
production of chemicals	86,4	98,4	100,7
production of rubber and plastic products	74,6	103,9	131,9
production of other non-metallic mineral products	69,6	82,3	92,9
metallurgy and production of finished metal products	84,4	126,1	94,4
engineering	106,8	140,8	110,8
manufacture of machinery and equipment	106,5	120,6	118,4
manufacture of electrical, electronic and optical equipment	91,4	158,9	79,0
manufacture of transport vehicles and equipment	120,3	160,0	124,9
other manufacture n.i.e.	87,8	165,0	106,2
Production and distribution of electricity, gas and water	88,4	193,7	105,5

9.11. Structure of capital investment in 2012, by type of economic activity

(percent)



INVESTMENT AND CONSTRUCTION ACTIVITY

9.12. Selected production capacities put into operation during the year

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Power plants, thsd. kW	282,5	2,6	11,7	345,5	1151,0	475,3	16,8	344,4	324,1	601,3
Electric lines, km, with the voltage of										
35 kV and more	1939	372	138	131	394	112	22	50	80	127
6–20 kV	5645	678	447	191	162	286	169	173	93	89
0,4 kV	10270	2862	1123	1046	1117	1126	307	263	193	156
Step-down transformer substations with the voltage of 35 kV and more, thsd.kV·A	3685,0	239,2	190,8	275,3	792,3	110,2	373,2	284,1	1251,0	206,6
Main gas pipelines and branch pipes, km	207	425	355	403	186	102	28	91	147	149
Wells, units										
oil	41	22	48	42	47	24	24	16	15	5
gas	27	98	88	63	60	54	41	36	38	31
Capacities for production of										
prefabricated ferroconcrete structures and articles, thsd.cub.m	307,2	8,0	—	3,5	0,3	222,0	—	—	11085,0	0,2
construction bricks, mln. conventional bricks	10,0	70,0	15,5	22,0	—	87,0	—	3,0	81,0	12,0
varnish and paint, thsd.t	—	40,0	4,0	6,1	25,7	0,4	—	—	—	17,0
meat, thsd.t per year ¹	19,0	56,8	31,1	20,4	13,7	84,4	33,9	17,0	43,0	92,5
whole milk products, thsd.t per year ¹	334,2	218,6	37,1	7,1	13,4	5,6	54,6	14,7	7,7	122,1
cheese, thsd.t per year ¹	1,7	0,6	5,0	1,2	5,3	25,9	14,3	20,8	7,7	8,3
vegetable oil, thsd.t per year ²	6,5	6,2	1072,7	503,4	75,1	1152,2	271,3	1096,9	539,5	626,6
canned fruits and vegetables, mln. conventional cans	33,2	26,8	11,5	11,0	6,1	10,1	—	11,0	20,8	0,5
Automated telephone stations, thsd. numbers										
urban	295,8	279,3	241,1	727,8	422,1	210,3	39,5	21,8	2,2	2,3
rural	—	22,1	47,8	111,6	55,2	15,5	3,6	2,7	3,0	—
Public roads with hard coating, km	2532	455	194	101	159	111	20	8	93	102

¹ In 1990, 1995, 2000, t per shift

² In 1990, 1995, 2000, t processed oil seeds per day

INVESTMENT AND CONSTRUCTION ACTIVITY

9.13. Agricultural production and capacities put into operation during the year

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Premises for livestock (including mechanically operated barns), thsd. places										
cattle	207,9	36,8	6,0	1,2	2,4	1,5	2,2	3,4	23,3	14,4
pigs	128,5	21,6	5,3	10,0	7,0	8,8	1,8	23,7	15,1	2,8
sheep	28,0	3,4	0,7	—	1,0	0,4	4,9	0,2	—	0,1
poultry	988,3	158,3	45,3	3157,3	174,5	3903,1	157,6	7229,4	5120,1	220646,7
Irrigated areas, thsd.ha	44,3	4,5	0,01	0,1	2,5	5,3	0,6	0,5	0,8	0,3
Granaries, capacity in thsd.t	486,6	197,9	73,1	53,2	27,7	33,6	44,6	247,2	207,1	90,1
Storehouses for potatoes, fruit and vegetables, capacity in thsd.t	220,9	18,0	9,6	12,7	9,5	8,2	10,7	25,5	192,7	78,7
Silage and hay installations, thsd.cub.m	1449,7	78,0	17,4	—	—	10,3	48,0	3,2	128,8	289,3

9.14. Indices of construction output, by region

(percent of the previous year)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	100,4	103,5	94,2	126,5	117,2	93,4	109,9	115,6	84,2	51,8	94,6	111,0	86,0
Autonomous Republic of Crimea	73,0	105,6	90,1	122,2	119,1	98,1	119,7	113,0	78,6	62,1	81,8	96,2	85,6
oblasts													
Vinnitsya	94,5	110,3	92,8	148,5	128,5	85,4	115,2	119,2	68,0	52,0	108,3	120,0	80,6
Volyn	102,6	105,3	103,7	137,4	108,3	102,4	123,8	110,1	79,2	36,1	93,7	123,2	88,3
Dnipropetrovsk	88,2	84,0	87,8	120,5	132,4	87,2	104,2	111,7	76,9	55,1	106,2	115,7	86,2
Donetsk	101,6	95,8	89,5	122,4	125,9	95,0	111,8	128,2	86,3	43,0	121,3	135,9	87,9
Zhytomyr	92,1	92,1	90,0	141,7	104,6	104,1	92,2	113,7	87,7	66,9	80,8	120,5	77,9
Zakarpattia	94,7	110,4	76,3	144,9	153,9	67,9	103,0	89,8	93,2	62,7	59,8	94,9	74,2
Zaporizhzhya	83,7	76,7	90,0	122,8	115,3	86,4	97,1	94,5	85,6	49,1	107,3	102,6	101,8
Ivano-Frankivsk	122,2	100,9	84,2	114,6	114,4	108,2	106,9	102,4	92,1	40,4	79,4	115,9	92,1
Kyiv	99,6	116,4	96,3	146,8	122,1	85,0	104,9	106,3	82,7	46,2	98,1	125,2	85,4
Kirovohrad	88,6	122,2	87,5	122,9	165,6	77,0	120,7	88,2	89,2	49,0	93,5	117,4	90,7
Luhansk	80,1	98,0	98,3	113,0	108,4	101,0	102,9	100,5	69,3	53,2	96,1	95,2	85,2
Lviv	113,9	111,9	81,7	128,0	108,6	79,3	123,8	112,3	82,2	54,5	81,4	96,6	73,6
Mykolayiv	96,3	112,8	108,4	127,3	104,5	93,7	110,5	96,1	79,2	55,6	130,7	89,5	78,0
Odesa	119,5	91,7	93,0	127,9	106,1	98,7	110,3	111,2	80,2	57,7	94,3	116,4	83,4
Poltava	86,9	84,0	89,3	113,5	104,4	96,2	98,7	105,8	92,2	68,4	118,4	102,4	93,9
Rivne	74,3	122,2	93,2	138,5	123,2	65,4	99,0	104,0	88,0	109,8	72,9	67,3	143,1
Sumy	116,2	101,4	92,6	100,3	112,0	101,7	102,2	127,4	81,6	49,1	81,5	105,6	101,6
Ternopil	106,2	99,7	125,3	142,0	118,3	108,4	104,6	106,7	95,9	60,0	78,0	78,1	90,1
Kharkiv	99,4	100,0	93,6	122,4	114,5	85,0	116,8	110,2	95,0	64,2	91,6	102,4	93,2
Kherson	80,1	87,6	103,8	146,5	123,6	82,0	108,3	114,4	95,7	44,9	86,2	100,0	82,4
Khmelnyskiy	85,0	109,9	104,2	129,1	117,8	76,3	116,6	120,2	91,5	50,1	76,1	104,7	85,1
Cherkasy	88,9	97,1	102,8	158,6	160,7	70,4	97,9	119,5	81,3	42,6	93,8	104,4	74,4
Chernivtsi	99,4	115,6	154,3	144,5	117,9	100,8	128,8	108,5	108,6	60,0	59,6	98,2	116,7
Chernihiv	114,9	109,8	90,3	136,9	103,4	89,3	106,5	138,4	73,0	54,1	61,9	114,6	91,6
cities													
Kyiv	127,4	121,8	99,3	125,4	113,1	105,5	110,9	125,9	84,5	45,8	92,2	116,4	78,9
Sevastopol	57,3	122,1	165,5	117,4	100,0	91,6	101,9	124,5	103,4	50,0	85,6	109,0	86,9

INVESTMENT AND CONSTRUCTION ACTIVITY

9.15. Indices of construction output, by type of construction activity

(percent of the previous year)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	103,5	94,2	126,5	117,2	93,4	109,9	115,6	84,2	51,8	94,6	111,0	86,0
including												
preparation of construction sites	94,9	95,9	114,4	103,2	90,8	108,6	103,4	89,9	58,6	105,0	106,5	105,3
construction of buildings and structures	105,2	93,8	128,8	118,7	94,3	111,1	115,9	83,8	51,4	95,2	112,2	83,4
installation of technical equipment for buildings and structures	100,4	98,8	122,9	118,3	88,8	100,7	119,6	85,8	55,1	85,9	103,8	94,3
operations on completion of construction	107,0	79,1	119,0	103,1	82,3	101,6	116,4	83,2	32,8	90,2	86,5	90,4
lease of construction equipment with operators	98,0	90,8	157,3	156,2	90,5	97,6	82,2	63,3	18,9	70,3	168,2	82,8

9.16. Construction output, by type of construction activity

(percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
including												
preparations of construction sites	10,9	10,9	9,3	7,1	4,4	4,0	3,5	3,5	4,2	4,8	4,5	8,7
construction of buildings and structures	76,7	77,1	78,8	81,6	84,7	86,1	85,8	85,5	84,5	85,0	85,7	79,8
installation of technical equipment for buildings and structures	9,9	10,1	10,0	9,6	9,3	8,6	9,4	9,9	10,6	9,6	9,2	10,9
operations on completion of construction	2,2	1,6	1,5	1,3	1,2	1,0	0,9	0,8	0,6	0,5	0,4	0,5
lease of construction equipment with operators	0,3	0,3	0,4	0,4	0,4	0,3	0,4	0,3	0,1	0,1	0,2	0,1

INVESTMENT AND CONSTRUCTION ACTIVITY

RESIDENTIAL, SOCIAL AND CULTURAL CONSTRUCTION

9.17. Capital investment in residential construction, by region

(at current prices; mln. UAH)

	2010	2011	2012
Ukraine	28736	29557	38549
Autonomous Republic of Crimea	2130	2202	3105
oblasts			
Vinnytsya	899	1031	1028
Volyn	557	589	889
Dnipropetrovsk	884	790	953
Donetsk	897	1257	1715
Zhytomyr	454	403	461
Zakarpattia	704	810	1059
Zaporizhzhya	413	182	775
Ivano-Frankivsk	1381	1151	1490
Kyiv	3512	3258	4116
Kirovohrad	251	238	311
Luhansk	335	281	431
Lviv	1582	1888	2316
Mykolayiv	236	250	341
Odesa	1573	1887	2439
Poltava	560	506	675
Rivne	555	747	832
Sumy	530	513	641
Ternopil	759	648	1116
Kharkiv	974	861	1579
Kherson	429	318	386
Khmelnyskiy	796	624	863
Cherkasy	433	290	405
Chernivtsi	785	723	1333
Chernihiv	408	448	625
cities			
Kyiv	5846	6889	7478
Sevastopol	853	773	1187

INVESTMENT AND CONSTRUCTION ACTIVITY

9.18. Indices for fixed capital investment in residential construction, by region

(percent of the previous year)

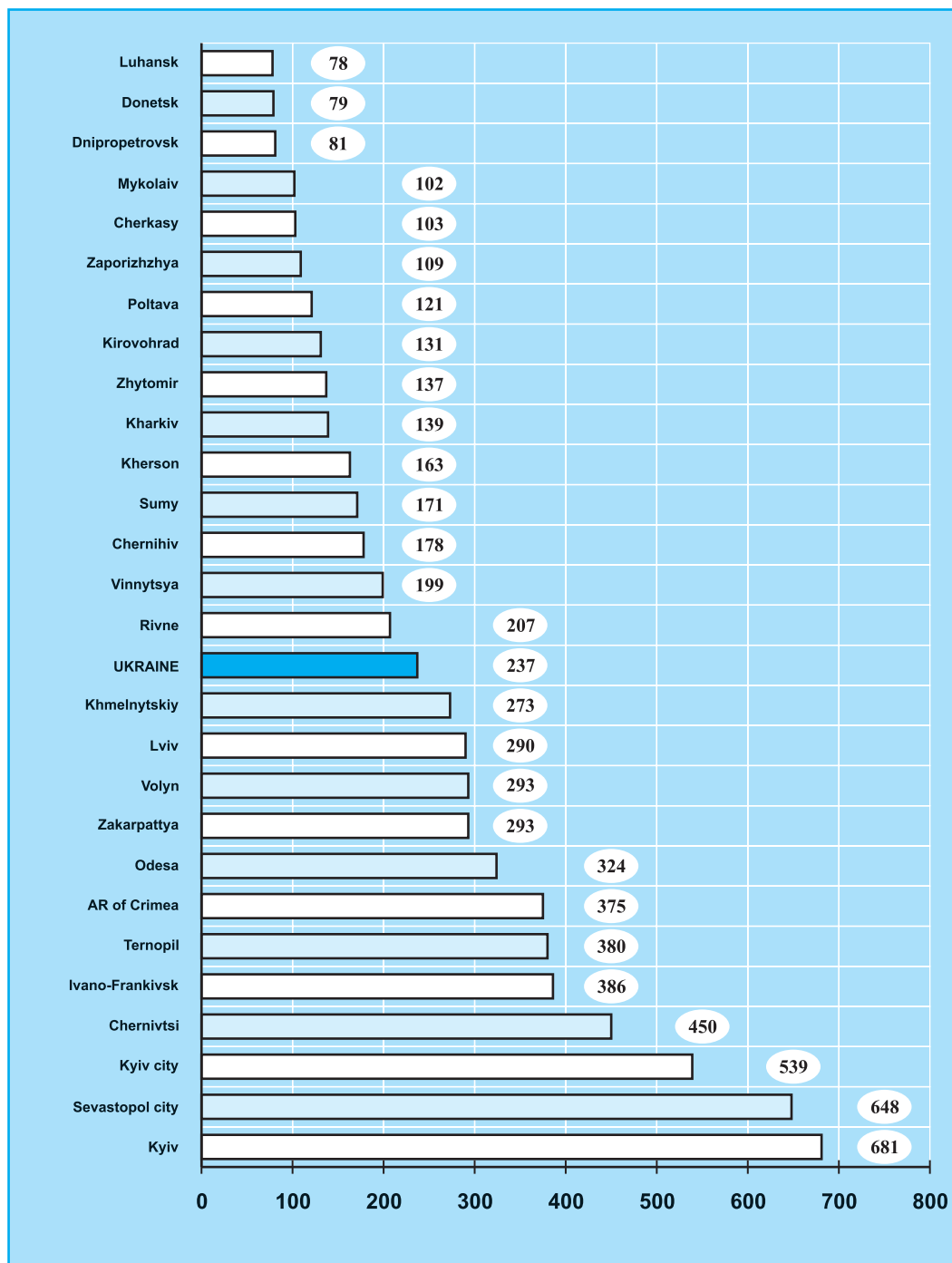
	2010	2011	2012
Ukraine	152,0	85,6	117,1
Autonomous Republic of Crimea	195,7	90,2	132,6
oblasts			
Vinnitsya	208,3	93,2	92,3
Volyn	189,9	89,0	135,6
Dnipropetrovsk	175,5	74,1	103,5
Donetsk	128,6	110,3	125,1
Zhytomyr	250,7	67,4	105,6
Zakarpattia	201,5	96,5	117,9
Zaporizhzhya	250,9	45,0	374,1
Ivano-Frankivsk	168,4	70,9	115,7
Kyiv	243,6	81,3	113,2
Kirovohrad	144,4	77,6	120,1
Luhansk	192,2	71,9	146,8
Lviv	174,8	96,2	114,5
Mykolayiv	201,2	81,0	135,0
Odesa	112,5	109,8	113,5
Poltava	138,3	75,5	112,4
Rivne	231,9	107,1	108,3
Sumy	163,1	72,1	129,3
Ternopil	164,9	73,1	153,4
Kharkiv	109,8	75,1	152,2
Kherson	230,9	60,3	112,1
Khmelnyskiy	117,3	67,5	128,4
Cherkasy	150,3	54,6	121,9
Chernivtsi	191,1	82,1	165,8
Chernihiv	183,1	98,7	134,8
cities			
Kyiv	101,5	92,8	90,7
Sevastopol	260,1	75,5	132,6

INVESTMENT AND CONSTRUCTION ACTIVITY

9.19. 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
2001	5939	3446	0,5	14,8	0,5	3,1
2002	6073	3613	0,5	8,0	0,4	1,4
2003	6433	3864	0,4	10,7	1,2	3,7
2004	7566	5026	0,1	12,8	0,7	2,7
2005	7816	4369	0,6	10,6	0,9	4,0
2006	8628	4652	0,6	11,0	1,1	3,8
2007	10244	5677	0,3	11,7	0,5	2,5
2008	10496	5831	2,3	12,4	1,1	4,9
2009	6400	2287	0,6	6,1	1,0	2,7
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

¹ Here and elsewhere (Table 9.20–9.27) since 2010, including data on residential buildings put into service according to *Order* with the Ministry of regional development and construction of Ukraine from 24.06.2011 № 91 and *Temporary order* (the decision of the Cabinet of Ukraine from 09.09.2009 № 1035 – which repealed thereafter)

9.20. Residential buildings put into operation in 2012, by region*(sq.m of total size per 1000 population)*

INVESTMENT AND CONSTRUCTION ACTIVITY

9.21. Residential buildings put into operation, by region

(thsd.sq.m of total size)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	17447	8663	5558	6073	6433	7566	7816	8628	10244	10496	6400	9339	9410	10750
Autonomous Republic of Crimea	621	451	179	226	196	274	283	370	522	416	387	535	504	733
oblasts														
Vinnitsya	540	293	141	273	302	340	350	379	396	362	172	292	321	322
Volyn	360	200	126	134	118	139	155	172	180	195	139	175	200	304
Dnipropetrovsk	1639	559	431	456	373	348	375	402	422	438	170	226	235	267
Donetsk	1505	591	344	278	330	351	329	382	371	437	173	293	289	346
Zhytomyr	560	282	118	90	130	182	192	201	221	247	89	201	162	174
Zakarpattia	311	198	213	135	165	187	232	293	351	393	169	293	326	366
Zaporizhzhya	777	289	131	121	125	203	159	139	220	217	101	144	62	194
Ivano-Frankivsk	408	267	217	228	253	365	332	392	455	517	381	600	580	533
Kyiv	850	634	337	412	433	547	635	705	857	1164	680	1184	1050	1167
Kirovohrad	431	216	78	96	94	104	108	105	121	129	66	98	76	130
Luhansk	819	306	181	202	215	260	253	228	259	249	35	147	116	177
Lviv	888	419	372	336	398	545	499	483	670	780	392	642	723	732
Mykolayiv	543	270	101	109	114	144	123	139	153	161	86	133	119	120
Odesa	791	401	268	402	378	482	450	663	793	847	537	640	793	770
Poltava	695	344	169	182	169	225	210	224	278	261	156	246	175	177
Rivne	395	219	107	121	159	194	145	234	254	173	98	207	229	239
Sumy	498	212	110	127	152	140	143	143	185	199	139	182	185	196
Ternopil	291	187	149	121	156	194	245	204	304	304	146	288	289	409
Kharkiv	1009	603	249	332	348	369	367	422	538	223	428	416	335	380
Kherson	498	252	128	112	123	152	163	162	188	230	75	182	135	176
Khmelnyskiy	470	296	168	201	243	228	287	265	310	308	266	362	298	359
Cherkasy	509	277	109	119	146	138	161	178	204	163	145	187	111	131
Chernivtsi	277	175	116	106	125	211	201	226	305	365	165	294	217	407
Chernihiv	481	213	95	92	105	124	153	125	186	204	105	160	158	191
cities														
Kyiv	1157	410	859	1000	1001	1050	1201	1301	1401	1431	948	1012	1501	1503
Sevastopol	124	99	62	62	82	70	65	91	100	83	152	200	221	247

INVESTMENT AND CONSTRUCTION ACTIVITY

9.22. Distribution of the number and total area of the commissioned buildings by their types

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Units										
Total	29867	35223	30434	30653	35903	34742	12748	33526	24573	35677
single-family house	29310	34696	29717	29913	35142	33947	12071	32991	23816	35008
houses with two and more apartments	557	523	713	737	759	785	673	520	746	662
boarding houses	—	4	4	3	2	10	4	15	11	7
Thsd.sq.m of total size										
Total	6432,9	7566,0	7815,9	8628,4	10243,7	10495,6	6399,6	9339,3	9410,4	10749,5
single-family house	3873,9	5037,8	4385,7	4686,0	5716,7	5919,9	2363,3	6266,8	5189,0	7170,5
houses with two and more apartments	2553,4	2508,9	3410,9	3917,0	4519,7	4531,1	4015,8	3050,4	4178,9	3534,1
boarding houses	5,6	19,3	19,3	25,4	7,3	44,6	20,5	22,1	42,5	44,9
Percentage of total										
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
single-family house	60,2	66,6	56,1	54,3	55,8	56,4	36,9	67,1	55,1	66,7
houses with two and more apartments	39,7	33,1	43,7	45,4	44,1	43,2	62,8	32,7	44,4	32,9
boarding houses	0,1	0,3	0,2	0,3	0,1	0,4	0,3	0,2	0,5	0,4

INVESTMENT AND CONSTRUCTION ACTIVITY

9.23. Residential buildings put into operation in urban areas, by region

(thsd.sq.m of total size)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	14024	6456	4329	4858	5074	5739	6088	6709	7737	7640	5163	6304	6965	7539
Autonomous Republic of Crimea	472	329	125	170	146	222	232	297	425	344	344	378	383	532
oblasts														
Vinnitsya	360	187	90	182	177	204	214	235	236	204	134	186	214	214
Volyn	267	128	81	87	67	85	114	124	122	137	86	94	111	170
Dnipro-petrovsk	1455	431	381	397	307	287	302	331	340	349	148	181	196	222
Donetsk	1415	548	308	245	290	292	285	342	321	408	165	253	258	302
Zhytomyr	342	177	84	60	88	111	126	134	140	165	49	109	119	119
Zakarpattia	200	80	72	80	89	112	137	163	206	207	96	138	163	178
Zaporizhya	645	238	106	93	96	159	127	106	174	172	91	107	45	158
Ivano-Frankivsk	260	185	157	146	186	242	227	268	298	312	259	322	364	299
Kyiv	622	433	197	254	247	285	352	380	401	422	341	488	419	457
Kirovohrad	357	169	59	75	68	75	84	84	96	100	50	64	59	92
Luhansk	742	274	141	160	168	203	200	183	209	201	32	127	99	147
Lviv	683	255	248	231	284	364	344	340	446	535	291	404	526	455
Mykolayiv	426	226	92	97	106	132	109	125	137	149	80	119	105	101
Odesa	608	313	215	324	308	378	356	558	606	649	457	419	597	529
Poltava	497	234	123	139	132	166	161	180	209	215	130	179	125	127
Rivne	248	118	56	71	100	123	92	165	173	125	75	107	137	127
Sumy	372	157	83	105	128	111	115	108	146	150	114	145	148	152
Ternopil	209	126	126	97	126	157	200	149	232	245	131	188	224	268
Kharkiv	909	503	199	280	276	276	305	348	466	169	406	333	276	299
Kherson	392	192	101	88	100	114	122	117	131	163	61	127	77	103
Khmelnyskiy	352	194	117	159	199	174	233	212	263	233	218	277	250	299
Cherkasy	369	195	82	101	124	100	121	120	122	105	109	123	85	98
Chernivtsi	171	90	86	75	87	139	126	143	178	190	112	133	141	220
Chernihiv	372	170	81	83	94	113	141	107	162	182	90	103	127	139
cities														
Kyiv	1157	410	859	1000	1001	1050	1201	1301	1401	1431	948	1012	1501	1503
Sevastopol	122	94	60	59	80	65	62	89	97	78	146	188	216	229

INVESTMENT AND CONSTRUCTION ACTIVITY

9.24. Residential buildings put into operation in rural areas, by region

(thsd.sq.m of total size)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	3423	2207	1229	1215	1359	1827	1728	1919	2507	2856	1237	3035	2445	3211
Autonomous Republic of Crimea	149	122	54	56	50	52	51	73	97	72	43	157	121	201
oblasts														
Vinnitsya	180	106	51	91	125	136	136	144	160	158	38	106	107	108
Volyn	93	72	45	47	51	54	41	48	58	58	53	81	89	134
Dnipro-petrovsk	184	128	50	59	66	61	73	71	82	89	22	45	39	45
Donetsk	90	43	36	33	40	59	44	40	50	29	8	40	31	44
Zhytomyr	218	105	34	30	42	71	66	67	81	82	40	92	43	55
Zakarpattia	111	118	141	55	76	75	95	130	145	186	73	155	163	188
Zaporizhya	132	51	25	28	29	44	32	33	46	45	10	37	17	36
Ivano-Frankivsk	148	82	60	82	67	123	105	124	157	205	122	278	216	234
Kyiv	228	201	140	158	186	262	283	325	456	742	339	696	631	710
Kirovohrad	74	47	19	21	26	29	24	21	25	29	16	34	17	38
Luhansk	77	32	40	42	47	57	53	45	50	48	3	20	17	30
Lviv	205	164	124	105	114	181	155	143	224	245	101	238	197	277
Mykolayiv	117	44	9	12	8	12	14	14	16	12	6	14	14	19
Odesa	183	88	53	78	70	104	94	105	187	198	80	221	196	241
Poltava	198	110	46	43	37	59	49	44	69	46	26	67	50	50
Rivne	147	101	51	50	59	71	53	69	81	48	23	100	92	112
Sumy	126	55	27	22	24	29	28	35	39	49	25	37	37	44
Ternopil	82	61	23	24	30	37	45	55	72	59	15	100	65	141
Kharkiv	100	100	50	52	72	93	62	74	72	54	22	83	59	81
Kherson	106	60	27	24	23	38	41	45	57	67	14	55	58	73
Khmelnyskiy	118	102	51	42	44	54	54	53	47	75	48	85	48	60
Cherkasy	140	82	27	18	22	38	40	58	82	58	36	64	26	33
Chernivtsi	106	85	30	31	38	72	75	83	127	175	53	161	76	187
Chernihiv	109	43	14	9	11	11	12	18	24	22	15	57	31	52
city														
Sevastopol	2	5	2	3	2	5	3	2	3	5	6	12	5	18

INVESTMENT AND CONSTRUCTION ACTIVITY

9.25. Residential buildings put into operation, constructed by natural persons, by region
(thsd.sq.m of total size)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	4397	3877	3351	3613	3864	5026	4369	4652	5677	5831	2287	6190	5096	7021
Autonomous Republic of Crimea	98	144	110	138	124	173	149	203	324	216	160	428	394	624
oblasts														
Vinnitsya	224	168	115	196	240	266	241	266	301	288	76	232	245	239
Volyn	121	113	100	94	95	105	94	106	120	136	77	146	169	261
Dnipro-petrovsk	301	250	277	351	265	258	254	285	293	292	40	159	130	202
Donetsk	409	291	218	216	238	298	268	245	258	236	62	155	164	267
Zhytomyr	153	125	94	81	96	163	154	155	172	184	79	200	140	159
Zakarpattia	154	168	205	126	152	177	214	271	320	354	135	265	297	338
Zaporizhya	129	91	78	88	92	131	109	97	125	126	34	111	41	167
Ivano-Frankivsk	208	162	178	187	191	304	223	233	283	324	152	382	283	353
Kyiv	242	266	264	271	324	425	396	484	622	908	346	963	641	781
Kirovohrad	106	87	55	67	78	94	79	79	93	103	60	93	65	115
Luhansk	148	139	147	164	194	233	217	203	227	209	20	121	100	163
Lviv	278	284	261	245	283	448	349	310	437	433	182	495	463	539
Mykolayiv	148	117	69	71	59	91	75	68	74	89	35	96	67	107
Odesa	247	167	141	206	154	217	199	224	322	293	119	242	316	406
Poltava	187	162	123	111	114	154	116	119	135	126	59	144	99	114
Rivne	153	146	82	93	121	160	116	143	174	116	48	174	196	219
Sumy	93	69	73	70	101	97	94	89	105	119	61	126	119	144
Ternopil	89	103	100	102	94	119	108	119	158	151	19	189	122	268
Kharkiv	153	163	154	186	235	262	188	171	170	138	39	213	139	245
Kherson	138	138	90	101	103	141	133	141	170	192	53	176	121	165
Khmelnyskiy	145	164	118	137	133	149	144	136	157	156	101	220	152	226
Cherkasy	160	125	81	79	99	111	106	114	151	98	63	120	76	106
Chernivtsi	142	136	94	102	114	191	182	188	254	285	90	243	151	338
Chernihiv	144	74	63	60	58	76	74	80	97	97	40	109	96	150
cities														
Kyiv	26	13	40	53	89	149	65	93	97	119	84	263	234	236
Sevastopol	1	12	21	18	18	34	22	30	38	43	53	125	76	89

INVESTMENT AND CONSTRUCTION ACTIVITY

9.26. Residential buildings put into operation and the number of apartments built

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Commissioned, thsd.sq.m of total size	17447	8663	5558	7816	8628	10244	10496	6400	9339	9410	10750
in urban areas	14024	6456	4329	6088	6709	7737	7640	5163	6304	6965	7539
in rural areas	3423	2207	1229	1728	1919	2507	2856	1237	3035	2445	3211
Number of apartments built, thsd.	279	118	63	76	82	95	94	66	77	83	91
in urban areas	233	94	52	63	69	78	76	57	57	66	70
in rural areas	46	24	11	13	13	17	18	9	20	17	21
Per 1000 population											
Commissioned, sq.m of total size	338	169	113	167	185	221	228	140	204	207	237
in urban areas	404	186	130	192	213	246	244	165	202	224	242
in rural areas	202	133	77	113	128	169	194	85	210	170	225
Number of apartments built	5,6	2,3	1,3	1,6	1,8	2,0	2,0	1,4	1,7	1,8	2,0
in urban areas	7,0	2,7	1,6	2,0	2,2	2,5	2,4	1,8	1,8	2,1	2,2
in rural areas	2,8	1,5	0,7	0,8	0,9	1,1	1,2	0,6	1,4	1,1	1,5

9.27. 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
2001	31132	21141	9991	30205	20468	9737
2002	30884	30121
2003	29867	19361	10506	29172	18779	10393
2004	35223	22485	12738	34619	21974	12645
2005	30434	18813	11621	29641	18100	11541
2006	30653	18450	12203	29771	17680	12091
2007	35903	20896	15007	35021	20086	14935
2008	34742	18930	15812	33539	17974	15565
2009	12748	6848	5900	11655	6119	5536
2010	33526	17144	16382	32720	16452	16268
2011	24573	13715	10858	23581	12952	10629
2012	35677	20279	15398	34785	19589	15196
Percentage of total						
2000	100,0	66,2	33,8	100,0	66,3	33,7
2001	100,0	67,9	32,1	100,0	67,8	32,2
2002	100,0	100,0
2003	100,0	64,8	35,2	100,0	64,4	35,6
2004	100,0	63,8	36,2	100,0	63,5	36,5
2005	100,0	61,8	38,2	100,0	61,1	38,9
2006	100,0	60,2	39,8	100,0	59,4	40,6
2007	100,0	58,2	41,8	100,0	57,4	42,6
2008	100,0	54,5	45,5	100,0	53,6	46,4
2009	100,0	53,7	46,3	100,0	52,5	47,5
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

INVESTMENT AND CONSTRUCTION ACTIVITY

9.28. Capacity of secondary educational institutions put into operation, by region

(admission number)

	1990		1995		2000		2005		2010		2012	
	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	163928	60790	54193	17719	15392	8616	10586	5172	7116	3621	8532	4460
Autonomous Republic of Crimea	7384	3450	2120	432	—	—	1372	—	—	—	—	—
oblasts												
Vinnnytsya	7371	3855	1418	692	40	40	50	50	—	—	1296	—
Volyn	4750	2730	2318	2318	120	120	473	226	156	—	48	48
Dnipro-petrovsk	12641	3052	930	570	2828	1002	—	—	—	—	1023	1023
Donetsk	10720	1204	3095	514	484	484	50	50	—	—	—	—
Zhytomyr	3478	3478	3229	1430	720	670	374	374	—	—	220	—
Zakarpattia	2854	2494	354	354	732	192	—	—	830	830	300	300
Zaporizhzhya	5224	2535	2036	—	—	—	—	—	—	—	—	—
Ivano-Frankivsk	2525	1229	287	145	1770	1770	1288	928	712	—	232	232
Kyiv	7633	2665	4276	816	540	—	50	50	225	225	—	—
Kirovohrad	3516	220	1240	1240	—	—	—	—	—	—	115	—
Luhansk	4797	1501	2186	498	25	25	—	—	75	—	—	—
Lviv	5486	2894	4119	1719	1604	1484	1059	828	276	276	520	520
Mykolayiv	3785	2385	650	—	360	—	—	—	492	—	117	—
Odesa	8366	2966	1790	408	602	602	1206	1046	—	—	1435	1435
Poltava	7620	3852	2884	830	1276	162	—	—	—	—	—	—
Rivne	3815	3449	1341	1341	—	—	366	366	1456	1456	384	384
Sumy	5957	2367	984	45	84	84	270	—	—	—	—	—
Ternopil	5114	1450	458	458	150	150	—	—	360	360	212	212
Kharkiv	6989	725	3608	964	689	689	654	120	—	—	—	—
Kherson	5480	2574	1683	432	360	—	—	—	—	—	—	—
Khmelnyskiy	5744	2720	1931	635	1302	882	2080	784	694	354	834	—
Cherkasy	5856	2664	1102	1102	—	—	—	—	860	—	—	—
Chernivtsi	5840	2376	836	—	180	180	1114	350	120	120	650	—
Chernihiv	7134	1955	1468	776	260	80	—	—	—	—	546	306
cities												
Kyiv	12598	—	7850	—	1266	—	180	—	860	—	600	—
Sevastopol	1251	—	—	—	—	—	—	—	—	—	—	—

INVESTMENT AND CONSTRUCTION ACTIVITY

9.29. Capacity of institutions of higher education put into operation

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Institutions of higher education															
1 st and 2 nd accreditation level, thsd.sq.m of total school facilities	33,5	8,3	4,9	2,7	1,1	0,6	—	0,5	1,1	—	22,1	—	1,1	—	5,0
3 rd and 4 th accreditation level, thsd.sq.m of total school facilities	63,5	29,9	32,3	110,9	20,1	24,9	19,3	31,2	19,9	23,8	14,5	39,4	17,4	21,9	22,2

9.30. Capacity of hospital facilities put into operation, by region

(beds)

	1990		1995		2000		2005		2010		2012	
	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	6355	781	2474	291	784	65	853	21	1051	8	1082	—
Autonomous Republic of Crimea	240	—	—	—	—	—	—	—	—	—	—	—
oblasts												
Vinnitsya	25	—	170	50	—	—	—	—	70	—	—	—
Volyn	—	—	148	123	—	—	19	15	—	—	125	—
Dnipropetrovsk	480	—	808	8	—	—	—	—	—	—	89	—
Donetsk	462	50	50	—	72	—	6	6	6	—	6	—
Zhytomyr	290	50	75	—	75	—	—	—	15	—	90	—
Zakarpattia	—	—	60	—	—	—	—	—	—	—	—	—
Zaporizhzhya	162	24	102	—	—	—	201	—	—	—	—	—
Ivano-Frankivsk	465	75	30	—	32	—	179	—	80	—	—	—
Kyiv	740	40	575	75	—	—	—	—	—	—	—	—
Kirovohrad	9	9	—	—	—	—	—	—	72	—	97	—
Luhansk	260	—	120	—	—	—	40	—	—	—	9	—
Lviv	302	—	—	—	—	—	40	—	6	—	40	—
Mykolayiv	150	—	10	10	—	—	40	—	—	—	—	—
Odesa	465	25	—	—	30	—	148	—	—	—	32	—
Poltava	265	25	85	25	—	—	—	—	25	—	94	—
Rivne	167	25	—	—	82	—	39	—	—	—	93	—
Sumy	110	50	—	—	—	—	38	—	—	—	—	—
Ternopil	38	38	—	—	80	—	—	—	—	—	—	—
Kharkiv	—	—	—	—	130	—	—	—	49	—	31	—
Kherson	150	70	30	—	—	—	—	—	60	—	21	—
Khmelnyskiy	90	40	—	—	68	65	—	—	43	8	11	—
Cherkasy	714	150	—	—	—	—	—	—	345	—	—	—
Chernivtsi	110	60	—	—	—	—	73	—	—	—	184	—
Chernihiv	211	50	211	—	52	—	30	—	45	—	—	—
cities												
Kyiv	450	—	—	—	163	—	—	—	235	—	160	—
Sevastopol	—	—	—	—	—	—	—	—	—	—	—	—

INVESTMENT AND CONSTRUCTION ACTIVITY

9.31. Capacity of clinics put into operation, by region

(visits per shift)

	1990		1995		2000		2005		2010		2012	
	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	20412	6376	9879	1960	2283	800	4012	317	5271	522	4097	507
Autonomous Republic of Crimea	590	290	236	—	—	—	—	—	—	—	—	—
oblasts												
Vinnitsya	215	215	145	130	—	—	—	—	419	—	108	15
Volyn	650	170	625	165	13	—	124	124	16	—	136	28
Dnipropetrovsk	1055	70	550	180	500	500	—	—	320	—	280	—
Donetsk	2020	210	885	110	—	—	140	—	—	—	65	—
Zhytomyr	860	360	378	50	450	30	—	—	—	—	270	—
Zakarpattya	115	15	650	50	—	—	—	—	—	—	—	—
Zaporizhzhya	785	35	485	10	—	—	—	—	—	—	64	—
Ivano-Frankivsk	574	349	50	50	30	30	10	—	70	—	245	50
Kyiv	1170	250	240	240	—	—	1580	—	600	—	130	—
Kirovohrad	260	75	20	20	25	25	—	—	—	—	265	—
Luhansk	210	210	30	30	—	—	60	—	100	—	15	—
Lviv	680	280	2200	—	—	—	430	30	544	200	380	100
Mykolayiv	308	208	375	—	—	—	40	—	36	20	233	—
Odesa	2921	100	40	40	—	—	36	20	1042	42	185	—
Poltava	425	50	500	50	20	—	640	—	116	100	144	—
Rivne	1995	1240	110	110	75	75	215	15	106	80	179	29
Sumy	665	365	15	15	—	—	—	—	265	—	14	—
Ternopil	190	190	75	75	—	—	—	—	55	25	193	23
Kharkiv	125	125	—	—	—	—	220	—	—	—	30	30
Kherson	1490	235	95	95	—	—	100	50	90	30	300	—
Khmelnyskiy	1004	629	610	230	22	—	125	33	266	25	131	—
Cherkasy	575	575	90	90	—	—	45	45	384	—	12	—
Chernivtsi	590	70	230	30	128	120	—	—	12	—	257	157
Chernihiv	210	60	765	190	20	20	17	—	30	—	6	—
cities												
Kyiv	730	—	480	—	1000	—	210	—	800	—	380	—
Sevastopol	—	—	—	—	—	—	20	—	—	—	75	75

INVESTMENT AND CONSTRUCTION ACTIVITY

9.32. Capacity of health care, physical education and social protection facilities put into operation

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Children's hospitals, beds	104	25	—	222	230	—	55	60	25	76	179
Children's out-patient clinics, visits per shift	1710	—	—	60	—	100	166	600	—	60	660
Maternity hospitals, beds	312	—	30	—	17	25	91	10	55	72	134
Antenatal clinics, visits per shift	800	236	—	30	—	—	107	—	—	332	81
Sanatoria, beds	2120	499	717	286	426	404	921	605	626	1174	646
Recreation centres rest and homes, admission number	380	416	505	1059	1575	756	561	1435	2009	3306	3215
Homes for the aged and disabled, admission number	1019	258	94	168	430	32	213	192	98	93	34
Stadiums, seats	5700	6400	4606	150	1687	20990	33500	52888	9643	100739	55127
Gyms, sq.m	14177	4516	1611	6258	25415	16174	16685	43838	9930	17573	34968
Swimming pools, sq.m of water surface	2773	485	—	3033	1903	2902	2218	644	2310	2980	8660
Sports grounds, sq.m	3125	10100	3140	8189	16562	5030	26832	23476	15583	25599	176267
Sports clubs, places ¹	10	9	7	3738	1422	226	1186	16251	1452	795	1591

¹ Before 2005, units

10. 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-kilometers (sea shipment is measured in ton-miles).

Export freight refers to the shipment of freight produced in Ukraine and shipped abroad.

Import freight refers to the arrival of freight from foreign countries and destined for Ukrainian consumers.

Transit freight shipment incorporates transportation of externally produced goods through the Ukraine's territory, not for use by Ukrainian customers. Transit freight transportation can also include reloading from one transport to another, warehousing, splitting cargo to smaller lots, etc.

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-kilometer (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 communication companies is the volume of services rendered 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

10.1. Freight shipped in 1940–2012, 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
2001	370	977	8	7
2002	393	947	8,8	7,6
2003	445	973	9	10
2004	462	1027	9	12
2005	450	1121	8	13
2006	479	1167	9	14
2007	514	1255	9	15
2008	499	1267	8	11
2009	391	1069	5	5
2010	433	1168	4	7
2011	469	1253	4	6
2012	457	1260	4	4

¹ Prior to 1995, dispatched cargo; since 2000, cargo transportation

² Since 1980, including cargo transportation by pick-ups and vans with car chassis; since 2002, including commercial cargo transportation by natural persons-entrepreneurs

10.2. Freight shipped, by mode of transport

(mln.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Transport	6286	2456	1529	1805	1873	1990	1972	1625	1765	1887	1853
Land	6167	2422	1514	1784	1850	1965,4	1953	1615	1754	1877	1845
rail ¹	974	360	357	450	479	514	499	391	433	469	457
road ¹	4897	1816	939	1121	1167	1255	1267	1069	1168	1253	1260
pipeline	296	246	218	213	204	196	187	155	153	155	128
Water	119	34	15	21	23	24	19	10	11	10	8
sea	53	21	6,3	8	9	9	8	5	4	4	4
river	66	13	8,3	13	14	15	11	5	7	6	4
Air	0,2	0,0	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 10.1

TRANSPORT AND COMMUNICATIONS

10.3. Share of freight shipped, by mode of transport

(percent)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Transport	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Land	98	98	99	99	99	99	99	99	99	99	99	99	99	100
rail ¹	15	14	23	25	27	27	25	26	26	25	24	24	25	25
road ¹	78	74	61	61	59	59	62	62	63	64	66	66	66	68
pipeline	5	10	15	13	13	13	12	11	10	10	9	9	8	7
Water	2	2	1	1	1	1	1	1	1	1	1	1	1	0
sea	1	1	0	1	0	0	0	0	0	0	0	0	0	0
river	1	1	1	0	1	1	1	1	1	1	0	0	0	0
Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0

¹ See the relevant footnotes to Table 10.1

10.4. Volume indices for freight shipped, by mode of transport

(percent)

	1990=100								To the previous year							
	1995	2000	2005	2008	2009	2010	2011	2012	1995	2000	2005	2008	2009	2010	2011	2012
Transport	39	24	29	31	26	28	30	29	96	99,5	104	99	82	109	107	98
Land	39	25	29	32	26	28	30	30	96	99	104	99	83	109	107	98
rail ¹	37	37	46	51	40	44	48	47	88	107	97	97	79	111	108	97,5
road ¹	37	19	23	26	22	24	26	26	97	98	109	101	84	109	107	101
pipeline	83	74	72	63	52	52	52	43	101	94	96	95	83	99	101	83
Water	28	12	18	16	8	9	8	7	74	101	104	81	50	113	89	79
sea	39	12	16	15	9	8	8	6	81	98	98	90	57	87	102	83
river	20	13	20	17	8	11	9	7	65	103	109	75	46	136	82	75
Air	11	14	74	61	51	53	55	73	120	206	125	98	83	103	105	133

¹ See the relevant footnotes to Table 10.1

TRANSPORT AND COMMUNICATIONS

10.5. Freight traffic in 1940–2012, by mode of transport

(bln.tkm)

	Total	By mode of transport					
		rail	road ¹	sea	river	pipeline ²	air
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
2001	394,0	177,5	18,5	10,1	3,7	184,2	0,0
2002	411,3	193,1	20,6	8,8	4,2	184,2	0,4
2003	457,5	225,3	24,4	9,9	4,7	192,7	0,5
2004	480,1	234,0	28,8	9,3	5,6	202,1	0,3
2005	473,6	224,0	35,3	9,6	6,3	198,1	0,3
2006	494,6	240,8	40,6	12,1	6,3	194,5	0,3
2007	510,2	262,5	46,6	12,9	5,7	182,1	0,4
2008	507,7	257,0	54,9	11,3	4,5	179,6	0,4
2009	395,7	196,2	49,2	5,2	2,8	141,9	0,4
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

¹ See the second footnote to Table 10.1

² Prior to 1980, oil and oil products including oil pipeline *Druzhba*

10.6. Freight traffic, by mode of transport

(bln.tkm)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Transport	1039,3	544,0	394,1	473,6	494,6	510,2	507,7	395,7	418,7	445,7	412,6
Land	761,7	415,2	379,6	457,4	475,9	491,2	491,5	387,3	409,3	438,0	406,9
rail	474,0	195,8	172,8	224,0	240,8	262,5	257,0	196,2	218,1	243,9	237,7
road ¹	79,7	34,5	19,3	35,3	40,6	46,6	54,9	49,2	53,9	57,3	57,5
pipeline	208,0	184,9	187,5	198,1	194,5	182,1	179,6	141,9	137,3	136,8	111,7
Water	277,5	128,8	14,5	15,9	18,4	18,6	15,8	8,0	9,0	7,3	5,3
sea	265,6	123,1	8,6	9,6	12,1	12,9	11,3	5,2	5,2	5,1	3,6
river	11,9	5,7	5,9	6,3	6,3	5,7	4,5	2,8	3,8	2,2	1,7
Air	0,1	0,0	0,0	0,3	0,3	0,4	0,4	0,4	0,4	0,4	0,4

¹ See the second footnote to Table 10.1

10.7. Distribution of freight traffic, by mode of transport

(percent)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Transport	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Land	74	76	97	97	97	97	97	96	96	97	98	98	98	99
rail	46	36	44	47	49	49	47	49	51	51	50	52	55	58
road ¹	8	6	5	5	6	6	7	8	9	11	12	13	13	14
pipeline	20	34	48	45	42	42	42	39	36	35	36	33	30	27
Water	26	24	3	3	3	3	3	4	4	3	2	2	2	1
sea	25	23	2	2	2	2	2	2,4	3	2	1	1	1	1
river	1	1	1	1	1	1	1	1,3	1	1	1	1	0,5	0,4
Air	0	0	0	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1

¹ See the second footnote to Table 10.1

TRANSPORT AND COMMUNICATIONS

10.8. Freight shipped, by rail of general use

(mln.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total shipment¹	974	360	357	450	479	514	499	391	433	469	457
coal	217	102	98	120	124	126	129	109	118	123	122
coke	19	8	11	11	11	13	12	10	11	12	12
oil and oil products	52	20	27	27	25	28	30	27	31	33	27
ferrous metals	70	24	45	49	54	57	52	37	40	43	39
timber	5	3	3	5	5	5	5	4	5	5	4
bread	36	16	6	13	11	11	18	20	13	15	24
ore	116	50	65	80	87	93	86	73	82	89	87
cement	19	6	4	9	11	11	12	6	6	7	6
chemical and mineral fertilisers	16	5	10	12	13	16	15	11	12	15	13
other freight	424	126	88	124	138	154	140	94	115	127	123

¹ See the first footnote to Table 10.1

10.9. Freight shipped, by river

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total shipment	65728	12845	8350	12869	14297	15121	11294	5146	6989	5721	4295
By type of freight											
oil and oil products	516	6	—	27	29	24	4	—	3	—	—
coal	1687	620	245	1210	924	1135	1321	779	618	326	248
coke	...	81	240	160	69	114	74	125	296	77	46
all kind of ores	4540	1283	1594	3086	3179	2748	2035	1470	2250	1303	514
construction	54568	8594	3791	5891	7537	8779	6169	1808	3027	3210	2690
chemical and mineral fertilisers	95	161	116	206	193	292	228	81	89	93	130
timber	37	7	9	4	3	5	6	2	—	4	—
paper	4	31	12	10	23	2	6	3	3
all kind of metals	900	717	1599	795	1027	947	529	255	189	128	78
machines and equipment	314	...	48	38	32	33	29	27	26	27	27
sugar	11	43	25	—	—	—	1	—	—
bread	725	331	211	920	693	343	292	389	287	290	426
cotton, flax	4	—	—	—	—	—	—	—	—
perishables	34	...	—	—	—	—	—	—	—	—	—
freight in containers	26	—	—	—	—	—	3	—	—
other freight	2312	1045	452	458	574	691	584	208	194	260	133
By type of communication route											
international	2713	3260	4314	5828	5755	5124	4022	2641	3322	2084	1229
coastal	63015	9585	4036	7041	8542	9997	7272	2505	3667	3637	3066

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10.10. Freight shipped, by sea

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total shipment	53253	20798	6316	8575	8665	9124	8228	4652	4068	4146	3458
By type of freight											
oil and oil products	1498 ¹	190	344	10	299	484	430	298	249	275	253
coal	552 ¹	338	271	99	53	167	139	174	45	21	19
coke	...	361	89	37	22	12	6	5	—	5	41
all kind of ores	2225 ¹	2531	1038	758	706	1152	820	96	206	155	69
construction	...	1174	965	1812	2052	2154	2121	1399	704	885	503
chemical and mineral fertilisers	10279 ¹	1670	201	211	251	111	101	62	46	121	85
timber	6 ¹	464	262	259	202	106	70	17	30	15	12
paper	...	344	97	25	14	2	5	—	0	3	2
all kind of metals	101 ¹	3354	1003	2038	2086	2029	1787	599	535	401	501
bread	1635 ¹	2919	247	1062	939	933	1003	711	656	749	527
freight in containers	...	1887	733	781	456	397	258	62	92	105	50
other freight	580 ¹	5566	1066	1483	1585	1577	1488	1229	1505	1411	1396
By type of communication routes											
international	36377	19966	5241	6334	6106	5785	5365	2676	2959	2973	2495
coastal	16876	832	1075	2241	2559	3339	2863	1976	1109	1173	962

¹ Freight shipment by coastal routes

10.11. Freight handled in sea and river ports (goods and fish)¹

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Seaports										
Freight shipped, thsd.t	53210	91943	138986	140610	157919	169595	157169	148177	155025	153871
exports	21916	42704	70698	68391	63860	76261	88136	84098	84881	96835
imports	4270	6840	13331	15231	18784	21139	12809	17426	19400	16432
transit	24461	37351	50556	53198	69167	66286	52132	44182	47599	38760
internal	2563	5048	4401	3790	6108	5909	4092	2471	3145	1844
Percent	100	100	100	100	100	100	100	100	100	100
exports	41	46	51	48	40	45	56	57	55	63
imports	8	7	10	11	12	13	8	12	12	11
transit	46	41	36	38	44	39	33	30	31	25
internal	5	6	3	3	4	3	3	1	2	1
River ports										
Freight shipped, thsd.t	17338	7462	13157	16903	18553	14522	4870	6205	6613	6675
exports	1634	1870	2076	2370	2660	2072	1433	1346	1102	1412
imports	340	848	708	879	946	991	196	283	275	355
transit	67	68	57	89	179	191	147	11	17	2
internal	15297	4676	10316	13565	14768	11268	3094	4565	5219	4906
Percent	100	100	100	100	100	100	100	100	100	100
exports	9	25	16	14	14	14	29	22	17	21
imports	2	11	5	5	5	7	4	4	4	5
transit	0	1	1	1	1	1	3	0	0	0
internal	89	63	78	80	80	78	64	74	79	74

¹ Since 2000, including shipment through sea wharves of industrial enterprises

TRANSPORT AND COMMUNICATIONS

10.12. Freight handled in sea and river ports (goods and fish)¹ in 2012, by type

(thsd.t)

	Total shipment	Including			
		exports	imports	transit	internal
Total shipment	160546,3	98246,9	16786,9	38761,8	6750,7
Bulked cargo	21305,1	5897,0	547,3	14452,2	408,6
oil	4363,7	7,2	—	4356,5	—
oil products	8171,8	1015,6	186,4	6561,2	408,6
vegetable oil	3854,8	3416,2	277,1	161,5	—
chemical	4203,2	1255,6	83,8	2863,8	—
other shipment	711,6	202,4	—	509,2	—
Loose goods	102045,4	67487,9	10165,5	18495,2	5896,8
coal	13978,9	4750,1	2924,6	6304,2	—
coke	1907,0	1866,7	15,5	24,8	—
iron ore	32222,1	20850,5	6272,1	5041,8	57,7
building	8647,9	3177,6	173,2	54,1	5243,0
cement	153,8	—	153,8	—	—
chemical and mineral fertilisers	8430,4	4956,9	386,5	3036,7	50,3
sugar	145,1	—	—	145,1	—
bread	33114,4	30147,3	—	2443,8	523,3
including grain	31877,4	29080,3	—	2273,8	523,3
other	3445,8	1738,8	239,8	1444,7	22,5
Freight and parcel	27066,3	21768,4	1270,3	3583,2	444,4
cars, truck cranes	260,8	36,5	116,3	108,0	—
wood	1386,3	1377,8	4,0	4,5	—
ferrous metals	22731,7	19365,0	101,1	2883,0	382,6
nonferrous metals	21,0	15,1	5,9	—	—
chemical and mineral fertilisers	162,0	93,4	4,0	64,6	—
cement	51,1	—	51,1	—	—
manufactured goods in boxes and bales	127,2	7,8	92,7	23,9	2,8
oil products in packages	0,1	0,1	—	—	—
foodstuffs	499,4	28,2	418,5	17,0	35,7
including					
flour	9,7	9,7	—	—	—
grain	8,5	6,9	1,6	—	—
meat unpacked	6,1	—	6,1	—	—
canned goods, all sorts	4,0	—	—	—	4,0
fish	144,3	—	112,6	—	31,7
vegetables and fruit	306,6	—	290,6	16,0	—
other	20,2	11,6	7,6	1,0	—
other assorted lading	1826,7	844,5	476,7	482,2	23,3
In containers (gross)	7753,6	2545,4	4327,0	880,3	0,9
Other	2375,9	548,2	476,8	1350,9	—

¹ See the footnote to Table 10.11

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10.13. Freight shipped by road, by region¹

(mln.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	4896,5	1816,4	938,9	1120,8	1167,2	1255,2	1266,6	1068,9	1168,2	1252,4	1259,7
Autonomous Republic of Crimea	208,7 ²	46,0	17,0	20,1	21,5	26,4	26,1	20,3	22,4	18,5	16,5
oblasts											
Vinnitsya	177,0	63,9	28,3	26,9	30,3	33,7	33,9	25,7	30,1	34,2	34,7
Volyn	66,2	17,0	7,6	10,3	11,6	12,0	12,6	9,7	10,1	11,5	11,7
Dnipropetrovsk	836,2	308,9	234,9	303,7	325,1	367,0	347,1	309,0	359,2	355,9	345,1
Donetsk	574,9	211,8	125,3	170,5	182,5	188,5	174,9	131,7	149,8	166,3	174,4
Zhytomyr	154,5	55,1	29,3	35,0	38,2	41,6	45,0	36,1	40,1	44,5	46,7
Zakarpattia	78,3	16,0	10,8	13,7	16,5	20,8	18,0	12,1	11,9	11,3	10,1
Zaporizhzhya	191,8	57,2	40,0	46,3	51,3	50,7	59,1	34,4	64,9	61,8	51,4
Ivano-Frankivsk	86,5	32,1	13,1	10,0	10,2	11,6	11,8	9,6	9,1	9,2	9,8
Kyiv	171,7	114,9	36,3	33,5	32,1	38,5	40,5	40,4	41,0	42,3	44,6
Kirovohrad	167,5	41,9	16,3	25,1	28,1	28,6	31,3	27,3	28,1	33,3	30,7
Luhansk	240,8	65,3	26,1	31,8	28,3	26,9	27,4	24,7	24,3	26,3	24,7
Lviv	229,9	62,7	29,6	20,3	21,8	21,6	23,0	17,9	19,5	22,2	23,4
Mykolayiv	140,2	32,4	13,6	30,8	30,7	27,3	28,3	22,0	21,9	21,8	20,5
Odesa	145,0	37,0	24,9	23,0	24,7	25,6	30,5	26,6	26,3	26,0	25,2
Poltava	236,7	200,1	95,3	108,9	115,5	122,2	130,4	140,5	142,1	182,7	209,8
Rivne	112,2	34,3	15,5	18,4	18,9	19,6	21,3	17,2	13,7	14,7	13,7
Sumy	99,9	35,8	19,4	13,4	13,0	13,7	13,5	13,2	10,8	11,6	11,7
Ternopil	105,7	35,0	13,0	9,5	13,0	13,4	13,6	12,8	9,6	11,6	16,0
Kharkiv	199,4	61,0	27,8	36,5	35,3	42,2	45,5	28,9	28,8	28,5	29,9
Kherson	108,7	43,0	13,2	11,4	11,8	12,6	14,1	13,3	13,6	15,0	12,2
Khmelnyskiy	158,3	82,4	25,3	24,6	23,9	26,7	29,1	21,0	21,4	22,5	22,9
Cherkasy	154,1	57,6	33,9	46,7	30,0	24,7	32,6	25,9	24,1	32,9	27,7
Chernivtsi	58,6	15,8	5,7	8,3	8,9	8,1	8,9	8,6	7,2	7,1	6,1
Chernihiv	91,2	52,9	13,2	15,0	14,2	14,1	15,3	12,0	12,4	13,2	12,9
cities											
Kyiv	102,5	25,0	16,4	17,8	20,1	26,9	21,8	19,2	19,0	20,4	19,3
Sevastopol	...	11,3	7,1	9,3	9,7	10,2	11,0	8,8	6,8	7,1	8,0

¹ See the second footnote to Table 10.1

² Including Sevastopol city

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10.14. Road freight traffic, by region¹

(mln.tkm)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	79668,4	34478,4	19281,6	35244,0	40566,5	46569,9	54877,2	49231,7	53918,4	57308,1	57452,9
Autonomous Republic of Crimea	4325,5 ²	2506,7	489,2	737,4	810,0	1091,2	1259,8	942,3	895,9	952,6	899,1
oblasts											
Vinnitsya	3108,8	1106,8	582,2	1034,5	1188,3	1567,8	1666,4	1319,7	1532,8	1729,8	1848,6
Volyn	1580,7	390,2	321,3	998,3	1253,2	1295,6	1689,8	1357,7	1690,5	1671,7	1839,3
Dnipro-petrovsk	7018,3	3781,4	1389,7	2180,6	2660,0	3219,2	3541,0	3258,4	3587,1	3805,5	3738,0
Donetsk	6863,1	3013,5	1301,9	2202,4	2523,0	2771,1	2853,0	2458,7	2897,1	3258,1	3793,4
Zhytomyr	2586,9	954,7	482,2	724,4	852,5	1001,1	975,4	825,5	1038,1	1184,6	1168,7
Zakarpattia	1459,3	348,5	423,5	1755,5	2041,2	2326,5	2592,0	2416,7	2754,3	3097,2	3493,2
Zaporizhzhya	3563,5	1303,9	2838,9	2912,1	2437,9	2772,7	2242,5	1631,8	1758,7	1747,2	1841,7
Ivano-Frankivsk	1893,7	913,2	327,5	520,8	716,7	898,0	1098,0	1206,6	1477,4	1554,9	1565,5
Kyiv	3766,2	3332,0	1103,2	2402,5	2624,3	2692,7	3669,4	3449,7	4147,4	4190,4	4017,5
Kirovohrad	2408,4	704,4	263,2	561,5	697,5	874,6	1010,4	1112,2	1083,1	1136,8	1089,1
Luhansk	3747,6	1224,1	887,5	1697,5	1740,3	2012,9	2314,6	2189,3	2706,3	3066,1	2388,5
Lviv	3594,7	1207,3	1748,8	1911,3	2478,6	2784,0	2882,0	2786,2	3878,0	3580,2	4198,6
Mykolayiv	2728,3	792,4	272,8	848,3	1140,8	1178,9	1459,0	1460,3	1393,4	2156,0	1669,6
Odesa	3500,2	1060,5	623,5	1264,0	1476,6	1593,5	2592,3	2636,6	2531,0	2509,0	2555,2
Poltava	3482,2	1751,7	866,2	1611,0	2021,4	2331,8	2692,1	2575,2	2776,7	3491,8	3249,1
Rivne	1935,0	809,6	434,1	939,5	1227,7	1255,8	1448,6	1249,2	1518,4	1355,3	1335,3
Sumy	1998,4	881,5	490,2	603,0	653,7	758,2	817,3	675,6	670,0	760,8	811,1
Ternopil	1995,9	780,0	308,6	551,8	769,5	933,6	1125,6	1031,3	1034,6	1071,7	1250,8
Kharkiv	4007,1	1132,7	611,0	1778,6	2201,2	2763,2	3574,5	3147,7	3156,5	3213,2	3411,9
Kherson	3076,5	919,0	282,9	638,6	753,9	973,5	1170,7	997,4	1139,1	1292,1	1360,2
Khmelnyskiy	2606,6	1798,5	587,3	1248,7	1610,1	1588,4	2284,9	1888,1	2044,8	2231,4	2246,3
Cherkasy	2811,6	1105,2	661,3	1194,2	1148,4	1286,6	1693,3	1533,9	1675,3	1947,4	1856,7
Chernivtsi	1204,0	381,3	193,6	372,6	449,3	608,3	985,9	851,0	1026,7	1076,7	1125,0
Chernihiv	2120,3	1368,5	288,0	773,1	846,6	942,8	1192,9	1010,2	1201,2	1323,6	971,6
cities											
Kyiv	2285,6	847,2	1434,9	3657,8	4031,2	4711,9	5656,3	5066,8	4130,2	3804,7	3610,3
Sevastopol	...	63,6	68,1	124,0	212,6	336,0	389,5	153,6	173,8	99,3	118,6

¹ See the second footnote to Table 10.1

² See the second footnote to Table 10.13

10.15. Freight transported by pipeline

(mln.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total shipment	296	246	218	213	204	196	187	155	153	155	128
Gas	182	174	150	164	156	142,5	143,2	114	121	127	108
Oil and oil products	114	68	66	47	45	51	41	39	30	25	17
Ammonium	...	4	2	2	3	2,5	2,6	2	2	3	3

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10.16. Total passengers transported in 1940–2012, by mode of transport

(mln.)

	By mode of transport							
	rail ¹	bus ²	sea	river	air	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
2001	468	2722	5	2	1	1334	2332	793
2002	465	3069	5	2	2	1196	2141	831
2003	477	3297	7	2	2	1132	1921	873
2004	452	3720	10	2	3	1112	1849	848
2005	445	3837	11	2	4	1111	1903	887
2006	448	3988	11	2	4	1083	1788	918
2007	447	4173	8	2	5	1027	1621	931
2008	445	4369	7	2	6	963	1580	959
2009	426	4014	6	2	5	787	1283	752
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

¹ Since 2010, including passengers transported by city rail

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

10.17. Total passengers transported, by mode of transport

(mln.)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Transport	14977	6816	7780	8200	8242	8214	8331	7275	6845	6980	6813
Land	14917	6802	7773	8183	8225	8199	8316	7262	6831	6964	6798
rail ¹	669	577	499	445	448	447	445	426	427	430	429
bus ²	8331	3483	2557	3837	3988	4173	4369	4014	3726	3612	3450
tram	2007	822	1381	1111	1083	1027	963	787	714	798	800
trolley-bus	3232	1359	2582	1903	1788	1621	1580	1283	1204	1346	1345
subway	678	561	754	887	918	931	959	752	760	778	774
Water	45	12	6	13	13	10	9	8	8	8	7
sea	26	8	4	11	11	8	7	6	7	7	6
river	19	4	2	2	2	2	2	2	1	1	1
Air	15	2	1	4	4	5	6	5	6	8	8

¹ See the first footnote to Table 10.16

² See the second footnote to Table 10.16

In 2012, automobile transportation of passengers by small businesses amounted to 1,6 bln. passengers.

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10.18. Volume indices for passenger transport

(percent)

	1990=100								To the previous year							
	1995	2000	2005	2008	2009	2010	2011	2012	1995	2000	2005	2008	2009	2010	2011	2012
Transport	46	52	55	56	49	46	47	45	77	98	103	101	87	94	102	98
Land	46	52	55	56	49	46	47	46	77	98	103	101	87	94	102	98
rail ¹	86	75	67	67	64	64	64	64	92	102	99	100	96	100	101	100
bus ²	42	31	46	52	48	45	43	41	86	102	103	105	92	93	97	96
tram	41	69	55	48	39	36	40	40	62	95	100	94	82	91	112	100
trolley-bus	42	80	59	49	40	37	42	42	63	94	103	97	81	94	112	100
subway	83	111	131	141	111	112	115	114	82	104	105	103	78	101	102	99,5
Water	25	13	30	20	17	17	18	15	66	111	115	93	87	99	105	83
sea	30	14	43	28	24	25	27	23	75	122	117	96	85	107	106	84
river	19	11	12	8	8	5	5	4	52	95	105	84	97	65	98	75
Air	13	8	26	42	35	41	51	55	114	107	118	125	83	119	123	108

¹ See the first footnote to Table 10.16

² See the second footnote to Table 10.16

**10.19. Passenger traffic in 1940–2012, by mode of transport
(excluding urban electric transport)**

(bln. passenger.km)

	Total	By mode of transport				
		rail ¹	bus ²	sea	river	air
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
2001	82,6	49,7	31,0	0,0	0,1	1,8
2002	88,9	50,5	35,8	0,0	0,1	2,5
2003	96,6	52,6	40,1	0,0	0,1	3,8
2004	104,8	51,7	47,5	0,1	0,0	5,5
2005	111,4	52,7	52,5	0,1	0,0	6,1
2006	115,6	53,2	54,0	0,1	0,0	8,3
2007	118,7	53,1	56,1	0,1	0,1	9,3
2008	125,3	53,1	61,3	0,1	0,0	10,8
2009	112,6	48,3	55,2	0,1	0,0	9,0
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

¹ See the first footnote to Table 10.16

² See the second footnote to Table 10.16

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10.20. Passenger traffic by mode of transport

(bln. passenger.km)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Transport	222,5	120,2	113,1	135,8	139,3	140,9	147,0	130,0	130,0	134,1	132,3
Land	204,7	116,3	111,3	129,6	130,9	131,4	136,1	120,9	118,9	120,2	117,8
rail ¹	76,0	63,8	51,8	52,7	53,2	53,1	53,1	48,3	50,2	50,6	49,3
bus ²	90,3	34,8	28,8	52,5	54,0	56,1	61,3	55,2	52,0	51,5	50,3
tram	13,0	5,3	9,0	6,5	6,3	5,8	5,4	4,4	4,0	4,4	4,5
trolley-bus	21,0	8,8	16,8	11,2	10,4	9,3	9,0	7,3	6,9	7,8	7,8
subway	4,4	3,6	4,9	6,7	7,0	7,1	7,3	5,7	5,8	5,9	5,9
Water	1,7	0,6	0,1	0,1	0,1	0,2	0,1	0,1	0,1	0,1	0,1
sea	1,1	0,5	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
river	0,6	0,1	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,0	0,0
Air	16,1	3,3	1,7	6,1	8,3	9,3	10,8	9,0	11,0	13,8	14,4

¹ See the first footnote to Table 10.16

² See the second footnote to Table 10.16

At the end of 2012, 22 cities had tram lines, 44 had trolley-buses and Kyiv, Kharkiv and Dnipropetrovsk had subways.

10.21. Passenger transport, by type of journey and selected mode of transport

(mln.)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Intercity transportation	457	215	154	226	227	235	246	221	227	241	230
rail (long distance)	95	68	45	60	62	60	61	57	62	64	59
sea (including commuter)	26	8	4	11	11	8	7	6	7	7	6
air	15	2	1	4	4	5	6	5	6	8	8
bus ¹	311	131	97	144	145	157	167	149	148	156	151
trolley-bus	10	6	7	7	5	5	5	4	4	6	6
Intracity transportation	11301	4923	6452	6860	6889	6859	6969	5984	5597	5729	5577
bus ¹	5394	2187	1742	2966	3105	3285	3472	3166	2923	2813	2664
trolley-bus	3222	1353	2575	1896	1783	1616	1575	1279	1200	1340	1339
tram	2007	822	1381	1111	1083	1027	963	787	714	798	800
subway	678	561	754	887	918	931	959	752	760	778	774
Commuter transportation	3219	1678	1174	1114	1126	1120	1116	1070	1021	1010	1006
rail ²	574	509	454	385	386	387	384	369	365	366	370
river	19	4	2	2	2	2	2	2	1	1	1
bus ¹	2626	1165	718	727	738	731	730	699	655	643	635

¹ See the second footnote to Table 10.16

² See the first footnote to Table 10.16

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10.22. Rolling stock, by mode of transport and purpose

(end of year; units)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Rail transport									
diesel locomotives	2741	2572	2557	2542	2545	2545	2539	2513	2424
electric locomotives	1796	1797	1809	1819	1855	1860	1861	1858	1824
steam locomotives	140	66	55	52	52	52	51	40	37
freight stock, thsd.	185,7	150,3	146,9	137,1	131,6	124,9	120,6	111,9	53,7
passenger stock, thsd.	9,0	7,9	7,8	7,7	7,6	7,4	7,3	7,1	6,8
Road transport, thsd.¹									
trucks ²	837,5	888,5	910,2	922,1	976,2	935,3	945,2	1337,9	...
including private	290,7	349,7	377,0	412,9	474,4	455,5	479,2	795,6	...
passenger buses	140,2	167,9	180,0	185,5	188,0	180,4	171,5	249,7	...
including private	46,1	90,2	101,0	108,1	114,5	110,5	101,9	120,7	...
passenger cars	5250,1	5539,0	5603,6	5939,6	6393,9	6518,7	6769,3	6900,5	...
including private	5109,6	5260,1	5326,4	5630,9	6090,4	6216,7	6470,5	6514,5	...
other model vehicles ³	225,1	137,3	167,5	177,8	213,3	231,6	241,5	73,0	...
motor transport	2251,5	982,6	821,9	714,3	650,9	554,5	528,4	1205,7	...
including private	2233,9	970,5	812,2	707,7	645,0	549,2	522,7	1186,9	...
River boats⁴	2025	1962	1962	1962	2064	2064	2064	2040	2040
Sea crafts⁴	878	1177	1177	1177	1084	1084	1084	910	910
Electric transport									
trolley-bus	5313	4554	4541	4494	4307	4064	3710	3714	3596
tram-cars	3459	2905	2859	2821	2736	2621	2522	2412	2314
transit vehicles	925	993	1020	1030	1030	1035	1119	1128	1136
Airplanes and helicopters	954	659⁵	701⁶	614⁶	468⁶	381⁶	395⁶	350⁵	337⁵

¹ In 2000, information on the number of motor vehicles was collected by the state statistics offices from the legal persons (owners of motor vehicles); information on the availability of motor vehicles belonging to individuals was obtained from regional departments of the State Road Inspectorate. Since 2005, information as of August 1 is provided by the Department of the State Road Inspectorate of the Ministry of Internal Affairs of Ukraine, for 2009/2010, information as of December 16, since 2011 – beginning of the next year

² In 2000, the trucks included high sided trucks, dump trucks, vans, refrigerators, tanks for food products and fuels, slab carriers, pipe trucks, timber trucks, saddle tow-cars, pickups and caravans using motor vehicle chassis and others. Since 2005, trucks include: high sided trucks, dump trucks, saddle tow-cars and specialised trucks. The specialized trucks are as follows: caravans using truck chassis, tanks for food products, refrigerators, fire trucks, irrigation cars, truck cranes, fuel tankers, fuel trucks, others

³ In 2000, other motor vehicles included: specialized passenger cars (of which ambulance cars), specialized non-passenger cars (ambulance cars, fire vehicles, truck cranes, repair shops) and others. Since 2005, other motor cars include vehicles using truck chassis and designed for transporting people, ambulance cars, pickups and caravans with passenger car chassis

⁴ 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 2006/2007 – data for 2005, for 2009/2010 – date for 2008, for 2012 – data for 2011 (survey every three years)

⁵ According to data from the State Aviation Administration of Ukraine

⁶ According to data from the Ministry of Infrastructure of Ukraine

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10.23. Private cars, by region

(thsd.)

	1990	1995	2000	2005 ¹	2006 ¹	2007 ¹	2008 ¹	2009 ¹	2010 ¹	2011 ¹
Ukraine	3271,7	4468,7	5109,6	5260,1	5326,4	5630,9	6090,4	6216,7	6470,5	6514,5
Autonomous Republic of Crimea	165,8	239,7	247,6	250,7	233,7	232,5	245,6	262,6	289,8	272,7
oblasts										
Vinnitsya	106,5	151,8	180,0	175,7	174,9	187,0	169,9	185,4	188,3	225,7
Volyn	53,3	77,0	96,3	91,4	102,0	104,4	114,4	114,9	114,9	125,7
Dnipropetrovsk	285,5	369,0	390,0	405,7	407,9	453,4	485,5	502,3	499,9	566,9
Donetsk	334,8	410,5	495,1	469,4	490,6	469,5	562,0	583,6	583,3	511,9
Zhytomyr	73,0	103,2	127,0	131,2	138,0	148,1	160,3	162,6	165,5	144,3
Zakarpattia	80,9	120,4	117,8	142,5	146,1	145,6	163,7	188,2	176,1	147,6
Zaporizhzhya	200,5	250,1	284,2	315,7	309,1	303,2	301,1	295,1	298,6	288,5
Ivano-Frankivsk	55,9	98,9	124,1	136,4	137,2	146,1	171,9	127,9	139,7	148,8
Kyiv	115,3	172,1	207,3	253,3	212,6	273,2	290,5	303,9	378,1	353,5
Kirovohrad	92,7	109,7	138,0	92,7	96,9	113,7	118,6	121,4	122,0	140,7
Luhansk	208,6	246,8	247,1	276,8	283,6	291,0	310,4	322,0	310,1	319,4
Lviv	139,0	184,5	199,9	231,9	244,5	248,3	264,0	266,4	270,2	276,7
Mykolayiv	82,0	111,9	106,3	107,5	108,8	115,2	128,4	138,3	150,6	238,7
Odesa	180,5	214,1	252,3	207,7	191,8	239,3	261,0	266,0	350,6	439,2
Poltava	132,2	170,4	204,3	199,2	216,1	233,6	246,0	194,6	214,6	152,4
Rivne	43,4	68,4	89,8	105,2	95,1	101,4	108,1	102,5	105,3	132,8
Sumy	82,7	115,3	120,4	115,3	108,8	111,0	121,6	135,5	131,9	100,9
Ternopil	50,4	77,4	100,0	89,0	92,1	99,4	115,8	122,7	129,7	124,8
Kharkiv	214,4	291,8	316,1	348,1	349,2	343,6	367,3	376,4	384,0	390,9
Kherson	78,5	117,8	127,9	132,7	131,4	137,2	147,5	151,1	149,0	139,0
Khmelnyskiy	74,7	106,9	134,9	106,0	120,5	127,9	140,8	140,5	147,9	199,6
Cherkasy	104,5	164,8	166,8	158,2	166,7	169,9	175,7	177,3	183,5	123,5
Chernivtsi	49,2	85,5	100,6	88,3	88,8	89,6	92,2	97,4	101,3	128,9
Chernihiv	76,1	96,0	100,4	91,1	92,2	95,5	105,5	108,0	109,7	113,2
cities										
Kyiv	156,3	268,7	386,8	484,2	532,7	595,8	663,7	703,7	708,7	652,9
Sevastopol	35,0	46,0	48,6	54,2	55,1	55,5	58,9	66,4	67,2	55,3

¹ As of August 1 based on data from the Department of State Road Police of the Ministry of Home Affairs of Ukraine, for 2009/2010 – as of December 16, for 2011 – January 1, 2012

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ROADS

10.24. Length of transport network in 1940–2012

(thsd.km)

	Operational length of public railroads		Operational length of public navigable river routes		Operational length of public automobile roads	
	total	including electrified tracks	total	including those with illuminant and light- reflecting road signs ¹	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
2001	22,2	9,2	2,3	0,8	169,6	164,1
2002	22,1	9,3	2,3	0,7	169,7	164,2
2003	22,1	9,3	2,2	0,7	169,7	164,6
2004	22,0	9,4	2,3	1,2	169,4	164,8
2005	22,0	9,4	2,2	1,1	169,3	165,0
2006	21,9	9,6	2,2	1,1	169,1	165,2
2007	21,9	9,7	2,2	1,1	169,4	165,6
2008	21,7	9,7	2,2	1,1	169,5	165,8
2009	21,7	9,7	2,2	1,1	169,5	165,8
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

¹ Prior to 1980, with illuminant signs; since 1985, with illuminant and light-reflecting road signs

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10.25. Operational length of transport network

(thsd.km)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Public railroads	22,8	22,8	22,3	22,1	22,1	22,0	22,0	21,9	21,9	21,7	21,7	21,7	21,6	21,6
Public navigable river routes	4,0	3,7	2,4	2,3	2,2	2,3	2,2	2,2	2,2	2,2	2,2	2,2	2,1	2,1
Public automobile roads	167,8	172,3	169,5	169,7	169,7	169,4	169,3	169,1	169,4	169,5	169,5	169,5	169,6	169,7
including with hard coating	157,2	163,3	163,8	164,2	164,6	164,8	165,0	165,2	165,6	165,8	165,8	165,8	166,0	166,1
Trolley-bus routes (single-track)	4,0	4,2	4,3	4,3	4,4	4,4	4,4	4,4	4,5	4,4	4,5	4,4	4,4	4,4
Tram routes (single-track railroads)	2,1	2,2	2,1	2,1	2,1	2,1	2,1	2,0	2,0	2,0	2,0	2,0	2,0	1,9
Subways (double-track railroads), km	62,4	85,9	91,7	91,7	95,0	99,1	101,5	101,5	101,5	102,6	102,6	108,4	109,9	110,8

At the beginning of 2013, the length of public pipelines equalled 46,6 thsd.km.

10.26. Density of transport network

(km of roads per thsd.sq.km of the territory)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Public railroads	38	38	37	37	37	36	36	36	36	36	36	36	36	36
Public navigable river routes	7	6	4	4	4	4	4	4	4	4	4	4	4	4
Public roads with hard coating	260	270	271	272	273	273	273	274	274	275	275	275	275	275

In 2012, of public pipelines accounted for 77 km per thsd.sq.km of territory.

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10.27. Introduction of modern types of transport network

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Operational length of public railroads														
electrified														
thsd.km	8,1	8,5	9,1	9,3	9,3	9,4	9,4	9,6	9,7	9,7	9,7	9,9	10,0	10,2
as a percentage of total length	36	38	41	42	42	43	43	44	44	45	45	45	47	47
for vehicles powered by diesel engines														
thsd.km	14,7	14,2	13,2	12,8	12,7	12,6	12,6	12,3	12,2	11,9	11,9	11,8	11,6	11,4
as a percentage of total length	64	62	59	58	58	57	57	56	56	55	55	55	53	53
double-track and multi-track runs														
thsd.km	7,6	7,5	7,3	7,2	7,2	7,2	7,2	7,1	7,1	7,2	7,2	7,3	7,4	7,4
as a percentage of total length	33	33	33	33	33	33	33	33	33	33	33	34	34	34
Length of river navigable routes with installed navigation signs														
with light and light-reflecting stations														
thsd.km	3,6	1,7	0,5	0,7	0,7	1,2	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
as a percentage of total length	90	46	21	32	32	51	52	53	52	53	53	52	53	53
electrified and gasified automatic and non-automatic stations														
thsd.km	2,8	1,2	0,4	0,6	0,6	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
as a percentage of total length	70	32	18	28	28	47	49	50	49	50	50	49	50	50
Length of automated river wharves														
km ¹	10,9	11,6	19,1	18,9	19,0	17,9	17,7	17,7	17,7	16,2	16,2	16,2	15,6	15,6
as a percentage of total lengths of wharves	71	64	70	69	71	68	69	69	69	64	64	64	44	44
Length of public roads with hard coating														
cement concrete and asphalt concrete coating														
thsd.km	49,0	54,6	57,5	58,1	58,5	58,9	59,4	59,8	60,5	61,1	61,3	61,5	61,9	62,1
as a percentage of total roads with hard coating	31	33	35	35	36	36	36	36	37	37	37	37	37	37
black gravel and black paved roads														
thsd.km	65,8	71,6	71,2	71,1	71,2	71,1	71,0	70,9	71,1	70,9	70,8	70,8	70,7	70,6
as a percentage of total roads with hard coating	42	44	43	43	43	43	43	43	43	43	43	43	43	43

¹ Since 2000, including wharves of industrial enterprises. Data on length of public roads with hard coating for 2006/2007 – data for 2005, for 2009/2010 – data for 2008, for 2012 – data for 2011 (survey once in every three years)

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10.28. Freight transport intensity, by mode

(mln.tkm per km of route)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Public railroads	20,8	8,6	7,8	8,7	10,2	10,6	10,2	11,0	12,0	11,9	9,1	10,1	11,3	11,0
Public river navigation routes	3,0	1,6	2,4	1,8	2,1	2,5	2,9	2,9	2,6	2,1	1,3	1,8	1,0	0,8

10.29. Passengers traffic intensity, by mode of transport network

(mln. passenger.km per km of the route)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Public railroads	3,34	2,80	2,32	2,29	2,38	2,35	2,40	2,43	2,43	2,45	2,23	2,32	2,34	2,28
Public river navigation routes	0,15	0,02	0,01	0,02	0,03	0,03	0,02	0,03	0,03	0,02	0,02	0,02	0,02	0,02
Roads with hard coating	0,4	0,1	0,1	0,1	0,1	0,1	0,1	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Trolley-bus tracks	5,2	2,1	3,9	3,2	2,6	2,4	2,5	2,4	2,1	2,0	1,6	1,6	1,8	1,8
Tram track rails	6,1	2,5	4,2	3,7	3,2	3,2	3,1	3,1	2,9	2,7	2,2	2,0	2,3	2,3
Subway track rails	23,6	14,4	18,3	23,6	24,0	22,5	23,1	24,0	25,3	24,3	18,9	18,4	18,6	18,5

In 2012, 500,6 thsd. of flights were conducted in Ukraine's air territory, including 390,9 thsd. of flights by foreign aeroplanes and helicopters, of which 76,2 thsd. of flights took off or landed on the territory of Ukraine.

10.30. Average distance of freight transport, by mode

(km)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Rail ¹	486	543	484	492	506	506	497	503	511	516	501	504	520	520
Sea	4989	5921	1362	1007	1119	1058	1120	1393	1413	1378	1120	1271	1242	1033
River	181	442	706	550	473	473	491	441	375	398	534	549	388	407
Road	16	19	21	22	25	28	31	35	37	43	46	46	46	46
Pipeline	703	753	859	915	889	915	932	955	929	962	918	895	883	870

¹ The 1990 and 1995 data show average distance for dispatching goods cargo; the 2000/2012 data show average distance for transporting goods

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10.31. Average distance of passenger transport, by mode

(km)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Rail	124	110	104	109	110	112	118	119	119	119	113	118	118	115
Sea	43	62	15	7	7	6	6	8	13	10	12	8	7	8
River	31	21	12	23	26	26	24	30	30	34	33	42	46	55
Air	1083	1723	1489	1392	1613	1687	1608	1900	1896	1745	1758	1794	1835	1777
Bus	11	10	11	12	12	13	14	14	13	14	14	14	14	15
Trolley-bus	7	7	7	7	6	6	6	6	6	6	6	6	6	6
Tram	7	7	7	7	6	6	6	6	6	6	6	6	6	6
Subway	7	7	7	8	8	8	8	8	8	8	8	8	8	8

10.32. Traffic accidents on roads and streets

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Traffic accidents, thsd.	195,6	278,8	312,8	229,9	204,2	186,2	196,4
including those with victims	50,9	43,2	33,3	34,5	42,4	45,6	46,5	49,5	63,6	51,3	37,0	31,9	31,3	30,7
of which fatal accidents	8,7	6,8	4,7	5,4	6,4	6,2	6,4	6,6	8,4	6,8	4,7	4,2	4,3	4,5
Accident victims, thsd. persons	63,1	54,4	41,8	43,9	54,6	60,6	63,2	67,6	88,1	71,0	51,0	43,9	43,1	42,6
killed	9,6	7,5	5,2	6,0	7,1	7,0	7,2	7,6	9,6	7,7	5,3	4,9	4,9	5,1
injured	53,5	46,9	36,6	37,9	47,5	53,6	56,0	60,0	78,5	63,3	45,7	39,0	38,2	37,5
Traffic accidents in cities, towns and villages ¹ , thsd.	37,0	31,2	25,3	24,6	31,5	32,2	33,1	168,3	195,6	230,5	169,8	148,7	137,7	147,1
of which														
killed, thsd. persons	...	4,3	3,0	3,1	3,9	3,6	3,6	3,8	4,8	3,6	2,3	2,2	2,2	2,1
injured, thsd. persons	...	32,9	27,3	26,6	34,3	36,6	38,3	43,3	56,6	44,0	31,7	26,7	25,9	25,3

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

Automobile transport retains unsafe of violation of the traffic rules by drivers, pedestrians and others. In 2012 the number of traffic accidents caused by excessive alcohol totalled 7,8 thsd., as a result 369 people were killed (7,2% of all people killed) and 3,6 thsd. injured (9,6% of all people injured).

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10.33. Persons killed and injured due to road accidents

(persons)

	1995		2000		2005		2010		2011		2012	
	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured	killed	injured
All victims	7530	46943	5185	36636	7229	55999	4875	38975	4908	38178	5094	37503
pedestrians	3117	17167	2324	14208	3063	17184	1847	10451	1867	10218	1923	9911
bicyclists	634	3195	499	2819	544	3205	283	1601	302	1623	312	1480
drivers and passengers												
motorbikes	40	430	27	243	41	564	239	2949	197	2213	235	2220
motorcycles	970	5852	455	2982	285	2054	321	2360	334	2059	303	2162
motor cars	2348	18014	1619	14614	2280	24731	1952	18906	2020	19260	2105	18919
intercity and intra-city buses, trams and trolley-buses	64	729	31	545	294	3204	106	1683	46	1789	76	1808
trucks	180	1051	165	965	546	4309	88	821	96	806	96	791
other power-driven carriers	152	348	61	208	139	542	24	71	29	84	27	120
horse-driven carriers and riders	25	157	4	52	37	206	15	133	17	126	17	92

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10.34. Revenues of post and communications services

(at current prices including VAT)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
	KRB mln.	KRB bln.	UAH mln.								
Total	1935	135399	6861	27411	33503	39966	46106	46319	47417	50281	52271
by type of communication											
post	613	22462	519	1340	1307	1574	2104	2638	2941	3092	3274
telegraph	144	3001	40	60	57	57	52	54	46	38	38
telephone											
urban and rural	317	41886	1746	2778	3179	3862	3953	4164	4234	4494	5320
intercity (including international)	649	56632	2824	6624	6184	5879	5511	4656	3962	3482	3019
courier activity	178	237	310	284	307	364	358
wire radio broadcasting	93	4585	66	48	81	110	146	193	202	185	232
special and communication service	42	988	23	194	64	94	120	112	128	131	143
TV and radio broadcasting	71	5097	160	673	854	1102	1432	1800	1917	2093	2287
of which cable TV	542	741	1002	1284	1356	1466	1550
supervision and technical control over radio frequency use	6	748	32	158	219	288	330	395	449	463	508
computer	151	1009	1256	1632	2416	3362	4237	4749	5402
of which provision of Internet access	1058	1376	2072	2865	3805	4261	4673
mobile ¹	1275	14476	20056	25061	29630	28511	28835	31028	31554
including											
cellular	1231	14453	20035	25028	29606	28487	28817	31009	31535
pager	34	8	6	5	2	0	0	—	—
trunk	10	15	15	21	22	20	15	14	12
other type of communication ²	25	51	68	70	102	150	158	161	136

¹ Since 2009, including income from other types of mobile communication was included: satellite, radio distribution system, digital communication

² Before 2008, inclusive the data covered income from satellite communication, since 2009, income from IP Telephony

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10.35. Revenues of post and communications services to households

(at current prices including VAT)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
	mln. KRB	bln. KRB	mln. UAH								
Total	778	39031	3115	10980	13316	16126	18732	18104	18015	18449	33795
by type of communication											
post	...	3694	150	325	302	296	366	548	578	594	590
telegraph	...	1086	22	16	17	17	14	16	13	10	11
telephone											
urban and rural	...	11157	1072	1661	1947	2332	2445	2716	2779	3039	3271
intercity (including international)	...	20729	1209	2909	2730	2461	2242	2125	1744	906	763
courier activity	3	5	6	9	7	9	5
wire radio broadcasting	...	2365	43	32	64	90	119	160	167	152	193
special and communication service	...	—	0	3	0	—	—	—	—	—	—
TV and radio broadcasting	...	—	68	406	533	726	974	1238	1341	1437	1518
of which cable TV	529	721	971	1227	1328	1425	1511
supervision and technical control over radio frequency use	...	—	1	1	1	1	1	0	0	0	0
computer	17	144	251	472	953	1629	2277	2646	2925
of which provision of Internet access	248	468	942	1583	2271	2641	2920
mobile ¹	533	5483	7468	9726	11612	9662	9109	9656	24518
including											
cellular	524	5482	7467	9725	11610	9661	9108	9655	24517
pager	8	0	0	0	0	0	0	—	—
trunk	1	1	1	1	2	1	1	1	1
other type of communication ²	—	0	0	0	0	1	0	0	0

¹ See the first footnote to Table 10.34

² See the second footnote to Table 10.34

10.36. Post and communications services

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Dispatched, mln.											
newspapers and magazines	11657	1595	1250	1454	1410	1258	1273	1204	1089	1006	1019
letters	1473	609	299	381	390	380	391	301	311	320	387
telegrams	73	25	12	6	6	4	3	2	2	1	1
parcels	43	3	5	10	13	16	18	15	18	18	45
money transfers and pension payments	178	280	224	178	152	151	160	142	149	126	121
Long-distance telephone calls (including international), mln.	657	798	1375	4503	3970	5139	8536	6380	5570	5521	5748
Per capita of present population											
dispatched, units											
letters	28	12	6	8	8	8	8	7	7	7	8
telegrams	1,4	0,5	0,2	0,1	0,1	0,1	0,1	0,04	0,04	0,03	0,02
parcels	0,8	0,1	0,1	0,2	0,3	0,4	0,4	0,3	0,4	0,4	1
long-distance telephone calls (including international)	13	16	28	96	85	111	185	139	121	121	126

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10.37. Telephone communications

	1990	1995	2000	2003	2004	2006	2007	2008	2009	2010	2011	2012
Automated telephone exchanges, units	12025	12748	14971	15082	15448	16655	17501	17157	17668	17411	17283	18188
urban	2158	2380	4123	4171	4502	5184	5926	6147	6674	6470	6394	7345
including												
coordinated	1638	1612	2098	1564	1595	1234	1168	1060	1064	1033	990	938
quasi-electronic and electronic	84	353	1567	2218	2528	3648	4489	4833	5366	5199	5175	6178
rural	9867	10368	10848	10911	10946	11471	11575	11010	10994	10941	10889	10843
including												
coordinated	9807	10142	10085	9478	9310	8881	8841	8769	8712	8710	8673	8628
quasi-electronic and electronic	59	225	753	1428	1632	2589	2728	2239	2279	2228	2214	2213
Assembled capacity of automated telephone exchanges, thsd. of phone numbers	6800	8056	10239	11484	12142	13813	12951	13167	14033	14405	14021	14259
urban	5733	6827	8879	10034	10632	11851	11265	11484	12249	12723	12354	12603
rural	1067	1229	1360	1450	1510	1962	1686	1683	1784	1682	1667	1656

10.38. Availability of telephones to households

(units)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Private telephone numbers (per 100 households)	29	33	41	45	50 ¹	51 ¹	54 ¹	57 ¹	60 ¹	61 ¹	61 ¹	61 ¹	60 ¹	58 ¹
Long-distance public telephones (per 100 thsd. population) ²	35	26	43	96	102	110	123	120	102	90	68	60	50	22
Payphones (per 10 thsd. population)	17	11	11	6	5	4	2	0,03	0,01	0,002	0,002	0,001	0,01	0,002

¹ Including departmental

² Since 2000, including international and universal

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10.39. Telephones in urban and rural areas, by region

(thsd.)

	In urban areas							In rural areas						
	1990	1995	2000	2005	2010	2011	2012	1990	1995	2000	2005	2010	2011	2012
Ukraine	5176	6193	7397	9447	10654	10564	10220	997	1113	1196	1545	1632	1594	1521
Autonomous Republic of Crimea	278 ¹	246	291	364	413	386	348	44 ¹	49	53	69	68	64	72
oblasts														
Vinnitsya	122	148	171	208	252	243	233	61	67	68	89	90	89	87
Volyn	82	96	114	145	157	144	139	31	34	35	42	41	47	44
Dnipropetrovsk	424	499	627	848	941	897	836	42	44	48	75	74	71	63
Donetsk	507	575	690	906	913	822	750	36	37	39	44	37	34	30
Zhytomyr	133	155	176	210	234	222	213	45	52	55	66	66	64	59
Zakarpattia	75	84	93	114	109	102	96	30	34	41	60	84	83	81
Zaporizhzhya	253	310	355	480	515	469	461	40	47	54	65	69	69	61
Ivano-Frankivsk	97	109	125	163	189	183	146	39	45	50	70	74	72	68
Kyiv	141	182	228	272	310	303	289	56	67	77	98	103	102	97
Kirovohrad	106	129	147	167	168	159	152	31	31	31	38	36	34	32
Luhansk	295	336	372	419	416	404	366	23	23	24	28	29	28	26
Lviv	208	268	319	370	448	477	481	49	50	56	78	85	87	82
Mykolayiv	150	192	221	250	263	247	234	33	35	32	40	38	35	31
Odesa	255	317	419	593	1095	1352	1551	48	53	56	72	82	80	77
Poltava	150	182	222	299	332	315	301	46	53	58	73	69	66	62
Rivne	88	106	124	155	168	159	152	33	35	37	51	52	51	47
Sumy	120	145	169	207	214	205	195	33	35	32	44	50	49	47
Ternopil	79	101	121	153	144	139	130	42	49	54	71	91	88	87
Kharkiv	359	419	505	662	706	691	654	42	50	55	63	65	63	61
Kherson	128	153	165	216	197	186	175	30	34	36	42	41	38	35
Khmelnyskiy	123	152	177	206	217	209	198	46	50	54	66	72	69	66
Cherkasy	136	160	190	223	237	230	222	42	50	53	72	74	72	70
Chernivtsi	67	75	95	119	127	123	114	30	35	46	64	76	75	74
Chernihiv	142	169	177	218	238	227	221	45	50	50	61	62	61	59
cities														
Kyiv	658	789	987	1367	1529	1557	1455	—	—	—	—	—	—	—
Sevastopol	...	96	117	113	122	113	108	...	4	2	4	4	3	3

¹ See the second footnote to Table 10.13

At the beginning of 2013 there were 59,3 mln. users of cellular communications services.

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10.40. Private telephones, by region

(thsd.)

	In urban areas							In rural areas						
	1990	1995	2000	2005	2010	2011	2012	1990	1995	2000	2005	2010	2011	2012
Ukraine	4161	5146	6331	7758	8661	8629	8355	573	798	1020	1395	1495	1457	1389
Autonomous Republic of Crimea	216 ¹	196	245	306	340	316	280	24 ¹	35	46	62	62	58	65
oblasts														
Vinnitsya	94	119	144	178	211	203	195	36	47	56	80	82	82	79
Volyn	61	76	97	123	132	121	116	17	24	29	37	37	43	40
Dnipropetrovsk	347	416	539	702	769	741	702	24	30	42	68	67	65	57
Donetsk	420	486	591	728	719	659	597	20	25	33	38	33	30	26
Zhytomyr	107	130	154	181	200	191	183	27	39	47	59	61	58	54
Zakarpattia	54	64	76	92	84	78	73	19	27	36	56	78	77	76
Zaporizhzhya	207	263	311	411	436	399	391	24	33	45	58	62	63	55
Ivano-Frankivsk	74	88	106	138	157	151	121	25	37	45	65	70	67	64
Kyiv	113	154	201	237	269	262	250	34	49	67	89	94	93	88
Kirovohrad	83	106	126	144	144	136	129	17	21	26	33	32	31	29
Luhansk	244	287	330	373	358	342	307	12	14	20	25	26	25	23
Lviv	164	223	276	317	372	393	395	27	36	48	70	79	79	76
Mykolayiv	123	163	193	217	224	210	199	18	25	27	35	34	31	28
Odesa	204	264	352	488	927	1177	1385	29	40	48	65	76	73	71
Poltava	118	150	191	249	273	259	244	25	35	47	64	62	60	55
Rivne	66	86	106	130	141	134	126	17	25	32	46	48	46	43
Sumy	92	118	144	178	183	175	166	16	21	25	38	45	41	40
Ternopil	61	83	104	118	120	116	107	25	38	48	66	85	82	81
Kharkiv	302	359	444	566	591	577	548	24	34	48	57	59	58	56
Kherson	101	125	138	178	166	156	146	15	23	28	38	38	35	31
Khmelnyskiy	98	129	154	178	185	177	168	27	36	46	61	66	64	61
Cherkasy	106	132	163	191	201	195	188	25	35	44	66	68	66	64
Chernivtsi	53	60	80	98	103	99	94	20	29	42	61	72	71	70
Chernihiv	109	139	152	188	204	195	190	26	37	43	55	56	56	54
cities														
Kyiv	544	648	811	951	1048	1070	962	—	—	—	—	—	—	—
Sevastopol	...	82	103	98	104	97	93	...	3	2	3	3	3	3

¹ See the second footnote to Table 10.13

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10.41. Intercity telephones, by region

(units)

	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine¹	18281	13291	21404	48697	51951	57818	55950	47282	41616	31118	27433	22705	9827
Autonomous Republic of Crimea	1923 ²	1600	2754	4251	4577	4575	3712	3051	2505	1743	1507	1336	778
oblasts													
Vinnitsya	580	469	594	1394	1599	1890	1706	1363	1093	882	737	613	196
Volyn	285	130	434	908	918	927	812	707	531	475	398	319	100
Dnipro-petrovsk	1332	1365	1442	3177	3372	4899	4501	3878	3512	2899	2647	2252	727
Donetsk	1338	1105	1496	3415	4044	5619	5574	4597	4050	2494	2233	1705	522
Zhytomyr	557	390	544	971	1073	1203	1187	1154	1078	574	415	320	100
Zakarpattia	297	73	296	749	790	777	691	614	526	412	357	345	100
Zaporizhzhya	1113	910	1138	3093	3470	3663	4036	2834	1846	1000	1004	1002	699
Ivano-Frankivsk	355	184	355	969	977	993	937	856	825	710	372	292	160
Kyiv	703	442	746	1135	1193	1313	1300	1170	1044	875	753	451	170
Kirovohrad	357	163	311	780	840	1034	942	812	768	612	596	418	100
Luhansk	830	637	863	1989	2321	2294	2008	1832	1565	1331	1247	1165	274
Lviv	931	453	1141	2461	2972	3151	2664	2338	2238	2070	1967	1607	797
Mykolayiv	410	269	378	808	1043	1736	1513	1429	1301	1099	718	681	208
Odesa	1046	1027	2236	4180	3638	3514	3565	2996	2695	1918	1262	616	308
Poltava	614	470	440	939	946	1121	1251	980	824	753	647	582	123
Rivne	276	117	307	610	608	776	784	702	687	551	503	497	140
Sumy	483	378	453	903	912	1029	1008	811	743	407	397	378	138
Ternopil	370	245	378	1074	1071	1066	915	761	634	540	450	360	90
Kharkiv	914	816	928	2895	2908	3136	4532	3869	3569	2518	2447	2264	937
Kherson	459	388	521	1547	1815	2002	1759	1623	1418	1028	859	731	383
Khmelnyskiy	421	192	434	1455	1447	1441	1443	1169	1051	855	726	522	220
Cherkasy	411	257	464	804	928	1056	970	877	797	720	655	622	120
Chernivtsi	270	25	370	819	956	980	940	803	725	413	407	353	194
Chernihiv	493	253	399	965	1061	1038	965	844	716	562	471	473	170
cities													
Kyiv	1513	821	1584	5400	5311	5279	5037	4084	3784	2842	2815	1994	1653
Sevastopol	...	112	398	1006	1161	1306	1198	1128	1091	835	843	807	420

¹ See the second footnote to Table 10.38

² See the second footnote to Table 10.13

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10.42. Demand and availability of private telephones, by region

	Declined applications for home telephone devices, thsd.							Installed home telephones (per 100 families)						
	1995	2000	2005	2009	2010	2011	2012	1995	2000	2005 ¹	2009 ¹	2010 ¹	2011 ¹	2012 ¹
Ukraine	3410	2507	1902	781	571	396	328	33	41	54	61	61	60	58
Autonomous Republic of Crimea	161	123	119	82	53	19	9	30	38	50	57	55	51	47
oblasts														
Vinnitsya	94	83	65	30	19	17	15	26	31	39	45	45	44	43
Volyn	46	34	29	13	9	8	8	33	40	47	51	50	49	47
Dnipropetrovsk	363	257	78	60	49	25	20	31	40	60	63	64	62	58
Donetsk	397	345	297	42	19	9	8	26	32	47	48	46	42	38
Zhytomyr	89	60	74	44	35	27	22	34	39	47	53	53	50	48
Zakarpattia	52	34	34	23	18	16	14	22	28	41	47	46	44	42
Zaporizhzhya	163	114	65	15	11	7	5	38	49	68	73	73	68	65
Ivano-Frankivsk	64	51	66	43	30	18	17	29	33	44	51	50	48	41
Kyiv	159	111	111	60	39	37	34	32	39	50	58	57	56	53
Kirovohrad	71	47	44	17	15	14	14	32	32	41	42	41	39	37
Luhansk	219	134	100	22	19	8	7	29	34	46	47	45	41	37
Lviv	168	130	111	67	62	44	36	27	38	54	61	61	60	57
Mykolayiv	83	57	31	10	2	1	1	41	46	55	58	57	54	51
Odesa	171	161	63	27	17	12	3	33	45	69	111	120	149	174
Poltava	131	103	61	26	15	13	11	27	37	50	56	55	52	50
Rivne	41	27	39	13	10	1	2	25	37	46	51	50	48	45
Sumy	81	64	58	25	21	15	9	28	34	46	51	51	48	46
Ternopil	36	29	36	9	8	6	3	34	44	50	56	57	55	52
Kharkiv	277	221	153	59	45	38	36	35	44	60	63	63	62	59
Kherson	79	56	33	11	8	7	6	31	37	51	52	50	47	44
Khmelnyskiy	60	48	63	18	13	8	7	35	40	47	52	51	49	47
Cherkasy	97	77	71	19	14	9	9	30	36	48	51	51	49	48
Chernivtsi	34	24	42	26	24	22	16	28	40	51	58	57	56	54
Chernihiv	75	54	34	16	12	11	11	39	39	50	57	57	55	54
cities														
Kyiv	157	44	12	2	2	2	3	59	84	92	102	101	103	92
Sevastopol	42	19	13	2	2	2	2	59	70	94	81	80	75	72

¹ See the first footnote to Table 10.38

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10.43. Urban automated telephone switching systems put into operation, by region

(thsd. numbers)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	295,8	279,3	241,1	506,6	712,3	783,5	727,8	516,1	422,1	210,3	39,5	21,8	2,2	2,3
Autonomous Republic of Crimea	8,7	29,3	6,6	17,3	18,1	18,7	16,3	11,9	11,0	6,2	—	—	—	—
oblasts														
Vinnitsya	12,2	8,2	1,2	4,9	10,1	34,3	15,5	25,0	17,1	9,4	—	0,3	0,4	—
Volyn	6,0	3,1	1,8	14,3	11,2	15,4	7,2	2,4	7,9	1,1	—	—	—	—
Dnipropetrovsk	28,0	28,3	25,7	33,0	53,5	51,4	39,1	51,5	47,9	18,4	—	—	—	—
Donetsk	3,0	26,0	18,6	43,2	33,7	46,5	44,3	45,5	25,7	15,7	1,5	—	—	—
Zhytomyr	5,5	3,2	1,0	17,8	5,9	9,5	9,8	11,9	8,3	12,1	—	—	—	—
Zakarpattia	4,5	6,3	0,3	13,1	13,2	12,6	14,5	1,6	9,9	0,0	—	0,4	—	—
Zaporizhzhya	6,7	22,2	10,6	43,4	37,3	28,5	29,1	31,7	17,6	14,5	5,2	0,4	—	—
Ivano-Frankivsk	4,4	5,4	1,2	14,4	12,2	9,5	12,1	10,9	10,6	2,4	—	0,0	—	—
Kyiv	7,0	8,6	14,5	9,3	19,7	24,0	17,3	17,8	17,8	28,0	1,6	2,5	—	—
Kirovohrad	14,7	5,1	0,7	5,9	18,0	7,9	17,8	13,7	16,7	—	—	—	—	—
Luhansk	8,4	24,0	11,4	21,2	19,6	22,4	28,1	51,7	34,1	11,8	0,3	10,0	—	—
Lviv	7,3	6,7	9,2	28,6	28,3	12,1	32,2	13,6	21,7	11,2	—	—	0,4	—
Mykolayiv	5,4	7,4	1,4	4,6	10,9	10,6	15,6	12,2	8,0	16,6	—	—	—	—
Odesa	23,5	6,0	26,0	32,8	32,6	33,0	98,6	27,5	30,3	—	0,3	—	—	—
Poltava	5,0	6,8	6,6	20,7	35,4	8,1	22,6	15,3	15,6	15,6	—	—	—	—
Rivne	5,1	6,8	5,5	15,5	6,9	5,1	13,4	7,7	2,8	0,9	—	—	—	—
Sumy	16,5	8,9	7,0	11,1	18,1	6,2	6,8	3,7	14,2	2,3	—	—	—	—
Ternopil	6,3	5,9	2,1	21,0	14,9	21,9	10,0	8,2	3,9	1,0	4,3	—	—	—
Kharkiv	16,0	8,2	15,6	43,4	74,0	86,7	81,4	47,6	26,5	16,3	6,2	0,6	—	2,1
Kherson	1,0	3,1	1,4	14,8	9,5	20,0	33,2	13,2	10,0	1,3	11,0	0,3	1,0	—
Khmelnyskiy	5,8	5,6	8,7	6,9	6,4	15,1	18,9	20,3	4,6	4,5	—	2,0	—	—
Cherkasy	2,0	9,0	9,4	8,8	9,8	11,6	21,6	17,6	18,4	0,9	0,1	—	—	—
Chernivtsi	3,8	1,5	0,1	5,6	34,9	2,8	4,4	5,2	0,7	11,0	—	—	—	—
Chernihiv	12,5	1,4	6,4	9,9	2,3	3,6	9,7	4,7	16,4	1,5	4,9	—	0,4	—
cities														
Kyiv	75,5	30,1	45,3	38,0	161,9	256,1	95,4	28,5	16,3	7,6	0,1	5,3	—	0,2
Sevastopol	1,0	2,2	2,8	7,1	13,9	9,9	12,9	15,2	8,1	—	4,0	—	—	—

11. FOREIGN ECONOMIC ACTIVITY

Statistics of foreign trade in goods are compiled on the basis of the information of the State Customs Service of Ukraine adjusted for the total amount of oil and natural gas, fish caught in international waters, and goods purchased in foreign ports. The data on exports in goods are recorded by country of destination whereas the data on imports by country of origin.

Country of destination refers to the country identified at the moment of loading as the final country to which goods are to be delivered.

The country where goods were produced or processed is considered the **country of origin**.

The goods are valued in national currency. Conversions into US dollars are made according to the date the customs declaration was completed and the official exchange rate of the National Bank of Ukraine fixed for that particular date. For 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. Investment received under the conclusion of concession agreements and contracts about the common investment activity, as well as debt instruments transactions between direct investor and enterprises of direct investment also concern with a category of direct investment.

11.1. Foreign trade in goods, by country

(mln. USD)

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Total	14572,5	34228,4	51405,2	68809,8	13956,0	36136,3	60742,2	84658,1
CIS countries	4459,7	10531,1	18740,6	25302,6	8029,6	16988,3	26697,4	34452,6
Azerbaijan	40,8	290,5	610,8	766,6	23,8	27,8	951,2	79,7
Belarus	272,1	891,1	1899,2	2251,1	601,9	939,8	2567,6	5068,6
Armenia	12,1	97,3	201,3	179,2	3,4	13,2	17,9	22,9
Kazakhstan	76,8	667,1	1300,4	2459,3	412,8	186,4	766,2	1494,9
Kyrgyzstan	6,2	31,6	75,0	127,1	2,4	5,7	6,2	6,5
Moldova, Republic of	176,3	678,6	713,5	822,7	35,3	84,2	73,6	122,0
Russian Federation	3515,6	7490,1	13428,1	17631,7	5824,9	12842,5	22198,0	27418,3
Tajikistan	97,4	46,9	74,7	100,8	0,9	5,3	3,5	7,2
Turkmenistan	148,4	187,2	208,9	528,2	946,2	2678,1	31,4	123,4
Uzbekistan	114,0	150,6	228,5	435,9	178,0	205,3	81,7	109,0

FOREIGN ECONOMIC ACTIVITY

Table 11.1 continued

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Rest of the world	10112,8	23697,3	32664,6	43507,2	5926,4	19148,0	34044,8	50205,5
Europe	4680,2	10881,4	13829,6	17424,0	4311,5	12666,4	20004,5	27556,0
including								
Austria	163,6	317,3	508,0	520,8	185,1	458,4	697,6	733,4
Albania	4,4	54,2	48,3	54,2	0,1	1,1	0,7	1,4
Belgium	106,5	197,6	356,9	467,6	134,7	314,0	588,3	708,5
Bulgaria	382,5	543,0	450,6	568,8	60,4	108,7	218,0	280,5
Bosnia and Herzegovina	2,5	15,0	14,9	31,4	0,9	3,2	7,6	14,0
United Kingdom	137,7	358,2	506,5	551,4	202,8	502,7	821,0	1149,5
Gibraltar	1,4	0,2	0,2	0,3	4,8	—	0,0	0,1
Greece	48,1	137,4	164,0	209,2	38,5	67,7	104,1	192,0
Denmark	24,7	106,7	124,5	152,7	68,2	176,0	240,5	281,9
Estonia	55,1	125,1	106,3	254,0	46,0	102,6	123,4	96,4
Ireland	27,2	6,7	4,5	76,0	25,7	45,2	112,1	152,6
Iceland	0,7	1,2	0,1	17,2	3,8	13,1	51,9	79,6
Spain	162,9	573,5	411,7	1539,0	100,2	233,5	468,6	746,8
Italy	638,9	1892,6	2412,4	2480,0	346,0	1030,2	1390,3	2234,6
The former Yugoslav Republic of Macedonia	42,4	35,9	96,0	13,0	1,7	2,6	26,3	26,2
Latvia	166,5	311,4	180,2	299,8	43,5	64,5	88,1	100,7
Lithuania	83,3	209,3	264,4	279,1	135,4	200,0	637,5	911,9
Luxembourg	1,4	26,8	4,5	3,9	8,9	21,6	29,1	30,8
Malta	4,1	15,1	49,6	9,6	0,1	0,3	13,4	20,4
Netherlands	138,0	515,3	563,2	829,9	146,6	464,1	837,9	1122,0
Germany	741,4	1285,2	1499,5	1645,0	1134,4	3383,8	4605,3	6807,1
Norway	18,1	46,9	84,1	72,5	44,0	128,3	261,3	380,4
Poland	417,9	1010,4	1787,2	2576,2	312,5	1405,9	2788,8	3567,1
Portugal	20,1	19,9	121,8	343,9	7,7	27,9	51,5	72,2
Romania	164,6	488,8	705,8	551,6	48,2	211,8	682,2	929,7
San-Marino	5,3	4,9	0,9	1,6	0,6	0,4	0,1	0,7
Serbia	—	—	199,0	125,3	—	—	75,7	126,7
Slovakia	230,9	507,7	568,2	672,6	124,4	304,0	442,6	587,7
Slovenia	9,0	32,5	11,6	10,4	29,8	125,0	212,6	251,0
Hungary	327,3	688,8	860,1	1510,2	165,4	647,7	1214,6	1159,6
Finland	24,0	28,7	34,1	48,2	95,9	351,1	429,8	485,2
France	111,7	199,9	476,9	549,1	236,1	798,9	1106,7	1664,4
Croatia	15,3	59,9	33,4	40,2	8,4	19,4	50,2	69,3
Czech Republic	188,9	376,9	626,2	707,0	162,9	594,0	747,9	1246,7
Switzerland	148,8	395,8	472,2	148,6	216,4	252,5	508,2	764,3
Sweden	8,3	41,6	77,8	57,1	150,4	547,4	358,8	544,1

FOREIGN ECONOMIC ACTIVITY

Table 11.1 continued

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Asia	3475,7	8576,9	13715,4	17676,8	842,3	4685,5	10023,3	17132,7
including								
Afghanistan	4,2	7,2	14,0	21,0	0,2	0,1	0,5	0,9
Bangladesh	4,0	18,4	112,7	46,4	0,3	2,1	17,8	43,1
Bahrain	0,9	5,9	2,3	1,4	—	—	0,1	0,8
Vietnam	67,1	145,3	136,7	124,2	21,1	41,3	117,6	321,5
Hong Kong	2,8	5,0	26,3	16,8	4,4	10,3	30,6	20,0
Georgia	37,8	199,5	527,5	540,7	10,3	41,0	136,1	177,2
Yemen	4,9	28,3	20,0	35,9	—	0,1	0,1	0,1
Israel	105,9	290,7	467,6	796,4	63,2	63,0	91,5	266,8
India	168,3	736,9	1426,0	2290,9	76,0	321,3	680,7	1020,7
Indonesia	76,7	216,4	352,6	472,3	28,4	124,0	408,6	412,3
Iraq	68,1	77,6	345,0	872,3	—	0,2	0,5	0,2
Iran, Islamic Republic of	90,6	576,9	1030,7	1164,7	4,9	18,2	49,9	67,4
Jordan	44,9	182,1	518,5	536,8	2,9	10,8	21,1	25,9
Qatar	—	12,9	13,2	6,6	0,1	0,0	2,9	16,6
China	628,9	711,1	1316,6	1777,2	131,9	1810,5	4700,4	7899,6
Cyprus	176,5	217,0	175,4	168,0	29,4	4,8	90,5	79,6
Korea, Democratic People's Republic	7,3	0,2	2,7	15,1	6,2	2,1	2,5	1,6
Korea, Republic of	146,3	202,2	498,0	481,9	109,9	648,5	786,0	1547,2
Kuwait	0,4	16,4	22,7	10,7	0,0	0,6	0,3	0,2
Lebanon	61,1	102,4	1031,9	1423,9	1,1	2,0	4,2	3,4
Malaysia	16,3	26,1	96,9	125,7	23,2	161,6	171,0	236,6
Mongolia	1,3	19,5	33,3	45,5	4,2	11,7	11,1	4,6
Myanmar	13,8	17,0	16,8	3,2	0,0	0,2	0,7	1,0
United Arab Emirates	68,4	345,2	275,2	414,2	2,8	10,4	50,9	68,3
Oman	5,5	47,9	15,6	69,3	0,8	0,5	0,3	1,4
Pakistan	30,2	273,9	113,0	114,1	3,0	10,1	55,2	121,7
Saudi Arabia	35,9	386,5	644,5	926,4	0,4	3,0	37,4	149,6
Syrian Arab Republic	160,4	672,1	646,8	578,9	1,8	27,7	44,6	41,3
Singapore	71,0	489,6	147,2	155,5	4,7	18,3	23,9	823,0
Thailand	92,2	141,8	432,6	237,9	11,3	58,0	162,8	223,1
Taiwan, Province of China	242,4	134,5	80,0	92,0	19,7	96,7	141,2	295,2
Turkey	868,5	2026,7	3024,0	3685,1	159,9	607,7	1298,3	1951,9
Philippines	78,1	132,6	31,6	14,6	5,0	5,6	23,0	34,6
Sri Lanka	24,3	25,9	9,4	79,3	16,1	23,4	54,8	67,2
Japan	68,4	82,0	104,8	320,5	99,1	548,2	801,7	1197,8

FOREIGN ECONOMIC ACTIVITY

Table 11.1 continued

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Africa	731,5	2393,9	3018,7	5638,2	136,4	426,2	874,4	851,3
including								
Algeria	235,8	617,2	159,3	291,0	0,0	4,9	4,9	14,9
Angola	5,8	5,2	5,6	16,6	0,0	0,0	0,3	0,8
Benin	0,3	6,3	25,0	72,1	0,0	0,0	0,0	0,0
Gabon	—	0,7	2,7	5,0	—	75,3	80,0	30,5
Ghana	10,1	24,4	57,5	98,3	24,3	55,5	209,4	127,1
Guinea	6,3	10,0	13,6	7,4	50,4	115,9	106,1	116,5
Equatorial Guinea	1,1	0,4	4,0	7,0	—	0,0	—	0,1
Ethiopia	36,8	39,7	65,9	133,5	0,1	0,1	1,0	1,6
Egypt	221,0	798,8	1328,0	2898,3	2,4	37,1	84,2	142,8
Cameroon	5,7	16,5	18,7	19,7	0,9	1,0	1,6	1,5
Kenya	2,8	26,6	99,5	82,0	0,1	0,6	6,9	9,4
Côte-d'Ivoire	1,3	12,1	44,6	65,8	23,7	40,9	135,4	138,8
Liberia	2,9	1,4	2,8	51,8	0,0	1,4	4,3	4,4
Libyan Arab Jamahiriya	1,7	63,6	201,5	296,2	0,0	1,1	0,3	3,5
Mauritania	14,3	16,6	11,8	11,7	0,5	5,7	6,2	6,0
Malawi	—	0,2	—	0,0	6,5	9,5	21,3	18,9
Mali	0,7	14,7	12,6	6,1	—	0,0	0,0	0,1
Morocco	60,8	128,4	103,5	363,1	0,3	5,1	9,2	64,6
Mozambique	0,0	8,4	6,9	10,2	0,5	2,6	6,1	15,0
Nigeria	76,7	212,3	245,3	273,6	0,3	1,9	13,6	6,7
South Africa	6,2	24,8	27,6	157,2	3,1	51,6	158,0	111,5
Senegal	0,8	46,8	59,3	89,5	0,0	0,0	0,4	0,1
Sudan	4,4	51,3	96,5	114,9	0,4	0,1	0,2	0,3
Tanzania, United Republic of	0,2	15,9	14,5	28,7	2,3	5,1	5,5	5,7
Togo	1,6	5,9	21,3	25,7	0,1	0,0	0,1	0,0
Tunisia	25,8	183,7	232,0	316,8	6,3	0,6	3,6	9,4
Uganda	0,2	7,7	27,3	24,1	0,1	2,0	3,6	3,7
Chad	0,9	4,5	12,5	7,3	0,0	0,0	0,0	0,0

FOREIGN ECONOMIC ACTIVITY

Table 11.1 continued

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
America	1217,5	1831,2	2000,0	2607,3	581,4	1265,5	2879,4	4453,2
including								
Argentina	7,8	15,9	39,8	11,8	6,1	38,5	106,1	119,5
Bahamas	2,7	0,9	0,1	5,1	0,8	0,6	0,5	0,6
Belize	4,1	15,0	5,1	225,2	0,0	0,1	0,7	1,1
Brazil	75,2	110,0	359,9	348,5	93,9	312,5	459,7	572,2
Venezuela, Bolivarian Republic of	8,4	7,7	4,7	22,8	0,1	0,0	0,2	0,1
Virgin Islands, British	99,9	261,0	379,1	364,8	17,2	0,8	0,7	4,7
Guyana	—	0,1	0,2	2,7	24,2	0,0	44,8	53,2
Guatemala	15,1	16,2	7,2	19,5	6,1	1,3	7,2	12,6
Honduras	5,2	7,7	4,0	13,7	0,0	1,0	0,2	0,5
Dominican Republic	13,9	6,9	9,7	17,6	0,0	0,4	2,4	3,6
Ecuador	11,0	34,3	11,8	38,6	13,1	66,3	161,2	272,6
Canada	59,2	90,1	73,3	107,2	24,8	87,0	160,2	193,0
Colombia	12,0	31,4	16,1	54,6	1,6	7,8	13,4	32,9
Costa Rica	9,4	9,5	0,3	4,2	0,8	4,7	15,6	42,8
Cuba	10,3	21,6	12,9	29,2	5,4	1,5	13,0	1,7
Mexico	50,5	116,9	200,1	200,2	2,4	8,5	63,4	115,6
Panama	73,5	15,7	27,4	29,8	8,3	4,0	6,2	19,7
Peru	6,2	37,0	16,7	71,9	0,2	3,1	3,5	7,0
El Salvador	4,2	2,3	0,2	5,5	0,0	3,1	0,1	0,3
USA	725,3	956,5	807,3	1014,7	360,4	710,0	1766,8	2905,2
Uruguay	0,3	0,1	2,2	0,2	0,2	2,8	5,4	12,3
Chile	13,1	38,2	1,8	2,3	0,2	9,9	37,1	64,2
Australia and Oceania	7,0	13,7	28,4	50,9	54,7	103,9	261,4	195,7
including								
Australia	5,2	9,6	23,6	37,7	53,8	85,3	246,6	150,9
New Zealand	0,7	3,8	3,2	4,3	0,9	2,4	13,8	38,3
Other	0,9	0,2	72,5	110,0	0,1	0,5	1,8	16,6

FOREIGN ECONOMIC ACTIVITY

11.2. Exports/imports of goods in 2012, by region

	Exports			Imports		
	number of enterprises	value, mln. USD	percentage of total	number of enterprises	value, mln. USD	percentage of total
Ukraine	13627	68809,8	100,0	23873	84658,1¹	100,0
Autonomous Republic of Crimea	231	888,8	1,3	375	1435,4	1,7
oblasts						
Vinnitsya	367	652,4	0,9	404	498,4	0,6
Volyn	319	605,8	0,9	472	1015,1	1,2
Dnipropetrovsk	1068	10129,7	14,7	1939	6538,3	7,7
Donetsk	804	14127,2	20,5	1259	4168,5	4,9
Zhytomyr	483	550,0	0,8	380	384,3	0,5
Zakarpattia	471	1385,1	2,0	541	2009,1	2,4
Zaporizhzhya	520	4004,8	5,8	672	2013,4	2,4
Ivano-Frankivsk	349	821,5	1,2	355	983,8	1,2
Kyiv	656	1983,0	2,9	1267	4793,2	5,7
Kirovohrad	197	630,6	0,9	178	284,9	0,3
Luhansk	408	4192,7	6,1	478	1989,6	2,4
Lviv	762	1343,5	2,0	1503	3373,5	4,0
Mykolayiv	224	2370,7	3,4	265	895,7	1,1
Odesa	665	1784,6	2,6	1269	4304,6	5,1
Poltava	303	3404,4	4,9	426	1322,7	1,6
Rivne	294	503,5	0,7	337	458,7	0,5
Sumy	291	1122,1	1,6	265	678,8	0,8
Ternopil	145	236,8	0,3	288	336,8	0,4
Kharkiv	1021	2022,1	2,9	1582	2741,0	3,2
Kherson	235	328,5	0,5	221	206,6	0,2
Khmelnyskiy	251	460,4	0,7	374	564,9	0,7
Cherkasy	312	1007,6	1,5	357	576,9	0,7
Chernivtsi	173	124,9	0,2	220	174,9	0,2
Chernihiv	253	542,4	0,8	258	544,8	0,6
cities						
Kyiv	2710	12770,3	18,6	8028	26116,0	30,8
Sevastopol	107	159,4	0,2	144	145,3	0,2

¹ Including crude oil supply and natural gas non-distributed by region

FOREIGN ECONOMIC ACTIVITY

11.3. Commodity structure of foreign trade in 2012

	Exports		Imports	
	mln. USD	share of total exports, percent	mln. USD	share of total imports, percent
Total	68809,8	100,0	84658,1	100,0
including by UCCFT ¹ category				
livestock and products of cattle farming	961,3	1,4	1718,4	2,0
products of plant-growing industry	9213,9	13,4	2429,7	2,9
animal and vegetable oils and fats	4211,5	6,1	406,3	0,5
finished foodstuffs	3493,9	5,1	2965,4	3,5
mineral products	7650,4	11,1	27542,3	32,5
products of chemical industry and other industries related to chemical	5058,9	7,4	8586,4	10,1
polymeric materials, plastic and similar	999,6	1,5	4467,1	5,3
raw leather, cleansed leather	135,6	0,2	247,2	0,3
wood and wood products	1060,6	1,5	369,6	0,4
wood mass or mass of other fibrous cellulosic materials	1132,1	1,6	1812,6	2,1
textiles and textile products	783,8	1,1	2563,7	3,0
footwear, head-dress and umbrellas	175,9	0,3	793,7	0,9
articles of stone, plaster, cement	582,8	0,8	1106,9	1,3
natural or cultured pearls, precious or semiprecious stones	139,8	0,2	493,4	0,6
non-precious metals and articles thereof	18889,8	27,5	5238,9	6,2
machines, equipment and machinery; electrotechnical equipment	7026,7	10,2	13178,7	15,5
vehicles for land transport, flying devices, floating crafts	5963,5	8,7	8067,0	9,5
optical and photographic devices and instruments	296,5	0,4	1218,9	1,4
miscellaneous manufactured goods	609,0	0,9	1015,0	1,2
art products	0,3	0,0	8,1	0,0
goods purchased at ports	29,9	0,0	374,4	0,4
miscellaneous	394,0	0,6	54,3	0,1

¹ The Ukrainian Classification of Commodities in Foreign Trade

FOREIGN ECONOMIC ACTIVITY

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

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Total	242008,5	38662,6	60718,0	118169,9	920129,3	1713405,1	3151515,8	3406136,2
CIS countries	3406,0	4618,3	5198,3	2269,9	59728,1	569268,3	1416257,5	781707,0
including								
Azerbaijan	—	—	—	—	—	—	—	1804,8
Belarus	35,3	—	205,2	13,4	3473,6	8763,9	2252,0	4801,1
Kazakhstan	—	—	—	—	4465,4	966,6	16436,1	181467,3
Moldova, Republic of	684,1	38,7	153,8	—	250,5	514,4	775,1	2577,6
Russian Federation	233,0	4579,7	4494,3	2256,5	51150,8	558509,5	1394055,1	584303,8
Turkmenistan	—	—	—	—	—	10,3	267,6	1373,4
Uzbekistan	2422,1	—	345,0	—	113,2	376,8	2070,8	5371,9
Rest of the world	238602,5	34044,3	55519,7	115900,0	860401,2	1144136,8	1735258,3	2624429,2
Europe	206976,3	34035,9	54869,1	115900,0	622608,9	927759,9	1343158,9	1568371,2
including								
Austria	187,4	2295,7	—	4560,1	63074,8	42202,2	59212,0	52219,0
Belgium	2060,8	398,4	1418,3	—	42217,0	37283,7	39264,4	20813,4
Bulgaria	779,3	71,9	—	189,0	110,8	808,4	859,4	835,0
United Kingdom	657,3	3278,8	6169,8	6111,3	22824,4	32871,1	18819,9	24695,7
Greece	1817,6	—	1476,4	—	17,7	58,2	226,1	5647,5
Denmark	—	—	—	—	16217,0	29110,5	9836,4	21924,0
Estonia	2311,0	—	—	—	677,8	119,7	6061,9	3036,0
Ireland	—	—	—	—	757,4	263,6	1888,9	801,5
Spain	24560,6	—	—	—	3185,9	9154,3	13419,5	16093,7
Italy	19542,2	—	1447,6	—	84436,8	150405,9	156062,8	166700,1
Latvia	1645,5	—	—	—	2523,7	10307,5	24136,4	14619,3
Lithuania	73,2	—	—	82,2	580,8	14143,8	7041,4	7027,3
Luxembourg	—	—	—	19,9	1169,2	4227,0	995,4	443,8
Malta	—	—	—	—	48,0	—	87,5	15289,4
Netherlands	24532,1	—	270,5	—	10109,2	19901,4	35758,3	55182,9
Germany	90933,0	27871,8	20201,8	35753,5	233635,5	272737,0	361692,6	427329,4
Norway	—	—	—	0,5	144,6	837,9	6049,2	7583,0
Poland	6231,7	45,0	838,7	797,9	8438,4	56678,6	143737,4	205121,0
Portugal	15435,0	—	—	—	3194,3	6210,4	12775,5	14211,3

FOREIGN ECONOMIC ACTIVITY

Table 11.4 continued

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Romania	124,9	—	—	—	3124,5	6098,7	30679,8	38920,6
Slovakia	1317,2	—	—	26,6	2966,6	18551,5	11610,6	12659,9
Slovenia	—	—	—	3,6	506,0	413,9	1932,1	4418,5
Hungary	2201,0	—	479,7	—	37702,8	104794,0	204685,0	258373,0
Finland	—	—	683,9	—	9953,8	19983,1	45472,4	31967,9
France	7098,4	—	131,1	52,2	33429,8	50859,5	35563,3	35754,7
Croatia	93,6	—	—	—	248,4	—	596,2	754,7
Czech Republic	1945,8	74,2	883,2	—	9562,7	20594,7	46726,4	53499,8
Switzerland	2950,7	—	20832,7	68303,1	23937,9	5261,6	22896,0	18835,2
Sweden	80,7	—	—	—	1508,4	13704,3	45024,2	52698,6
Asia	20521,9	—	331,7	—	66529,4	110635,5	220720,9	793001,5
including								
Bangladesh	—	—	—	—	17,5	1,6	1381,4	4312,7
Vietnam	—	—	—	—	102,6	446,5	762,2	3868,2
Hong Kong	—	—	—	—	2870,2	2449,6	4904,6	7302,8
Georgia	—	—	—	—	3,7	3870,5	—	6698,5
Israel	1456,8	—	—	—	30289,2	9473,8	1079,6	490,5
India	1120,8	—	—	—	391,0	2356,7	4789,2	6161,4
Indonesia	10,6	—	—	—	313,9	17280,6	81066,7	102141,0
China	26,9	—	242,5	—	6898,9	20650,2	35539,9	261016,6
Cyprus	5043,1	—	—	—	207,0	—	—	1401,2
Korea, Republic of	126,8	—	89,2	—	7354,3	4013,5	14744,4	89924,6
Malaysia	230,0	—	—	—	215,3	17327,8	1319,5	24593,3
United Arab Emirates	—	—	—	—	—	63,5	254,7	6271,5
Pakistan	1434,7	—	—	—	1525,7	965,4	1007,1	1389,4
Saudi Arabia	—	—	—	—	—	—	6428,4	31271,0
Singapore	—	—	—	—	428,2	1692,6	2671,2	13785,3
Thailand	—	—	—	—	901,1	1443,4	1495,6	35674,9
Taiwan, Province of China	—	—	—	—	4077,2	10743,9	7485,1	72431,1
Turkey	11036,1	—	—	—	4022,6	9955,4	42826,0	68735,2
Philippines	—	—	—	—	65,9	168,7	807,7	20527,0
Japan	16,7	—	—	—	3126,2	7157,5	8388,0	28273,3

FOREIGN ECONOMIC ACTIVITY

Table 11.4 continued

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Africa	8459,2	—	123,1	—	55506,6	32476,4	71434,1	124873,1
including								
Algeria	—	—	—	—	—	32476,5	—	1760,0
Guinea	—	—	—	—	36109,6	4,4	70012,1	110562,9
Egypt	—	—	—	—	505,1	160,3	135,8	5270,4
Congo	—	—	—	—	10,7	—	—	290,1
Libyan Arab Jamahiriya	—	—	—	—	—	—	—	3430,6
Morocco	8459,2	—	—	—	—	0,8	659,4	2049,6
South Africa	—	—	—	—	1862,5	40,4	16,2	511,4
Seychelles	—	—	—	—	—	—	—	360,0
Tunisia	—	—	123,1	—	1539,7	12,7	578,9	463,3
America	2645,1	8,4	195,7	—	78801,4	57246,3	99838,1	119768,0
including								
Argentina	—	—	—	—	110,7	124,0	457,9	371,4
Belize	87,0	—	—	—	—	—	—	1023,7
Brazil	—	—	—	—	17732,1	24606,0	20635,1	1586,1
Virgin Islands, British	777,5	—	—	—	3985,5	700,0	—	3600,0
Guyana	—	—	—	—	16217,9	—	28635,7	46311,7
Guatemala	—	—	—	—	1,0	179,3	—	3684,2
Canada	766,2	0,5	—	—	305,1	689,9	1381,6	430,3
Mexico	—	—	—	—	—	33,7	2771,8	10066,2
Panama	—	—	—	—	—	355,8	2607,9	947,3
USA	1014,4	7,8	—	—	28850,2	26413,1	43350,0	41204,7
Uruguay	—	—	—	—	22,8	1000,3	29,4	9765,5
Australia and Oceania	—	—	—	—	36954,9	16018,7	106,3	18415,4
including								
Australia	—	—	—	—	36951,9	13,6	84,3	12400,2
American Samoa	—	—	—	—	—	—	—	5139,4
Marshall Islands	—	—	—	—	—	—	—	872,5

FOREIGN ECONOMIC ACTIVITY

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

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Total	3486,8	6134,7	11759,4	13599,1	1150,9	2935,0	5447,7	6736,1
CIS countries	2136,8	2815,5	5609,6	6029,0	213,2	509,3	939,8	1251,2
of which								
Azerbaijan	5,0	10,7	25,3	39,9	1,5	5,5	13,1	18,0
Belarus	32,5	47,3	131,8	120,4	10,8	23,8	63,3	81,6
Armenia	2,2	5,6	12,8	15,6	1,3	2,2	6,6	8,1
Kazakhstan	4,5	21,4	83,7	187,1	4,6	8,9	22,1	42,9
Moldova, Republic of	21,6	33,7	67,1	74,5	9,7	15,3	29,1	36,8
Russian Federation	2049,1	2574,5	5157,1	5376,5	182,5	436,7	793,5	995,9
Turkmenistan	15,5	108,0	111,5	173,6	0,9	13,9	7,2	53,5
Uzbekistan	5,4	5,5	13,6	28,9	1,5	2,3	3,2	8,6
Rest of the world	1350,0	3319,2	6149,8	7570,1	937,7	2425,7	4507,9	5484,9
Europe	778,2	1870,4	3298,5	4027,3	400,9	1220,2	2420,9	3055,9
of which								
Austria	44,9	94,9	182,8	196,5	20,6	127,5	144,0	218,0
Belgium	70,5	145,5	239,4	302,0	14,3	28,7	63,9	84,2
Bulgaria	35,8	32,3	30,1	44,4	5,7	10,4	17,5	19,6
United Kingdom	123,2	300,2	557,8	742,4	104,2	271,3	598,8	705,2
Greece	44,1	69,2	80,7	75,7	9,3	12,5	23,9	34,4
Denmark	4,6	48,6	87,2	127,3	2,4	13,3	17,5	47,9
Estonia	3,3	12,9	114,0	195,9	4,5	8,5	12,1	47,1
Ireland	27,1	8,9	48,4	64,8	6,2	1,1	10,2	32,5
Spain	9,7	20,1	30,2	68,2	6,1	16,4	17,3	29,4
Italy	36,0	74,1	127,2	137,8	6,2	19,5	35,2	44,3
Latvia	16,0	39,8	31,7	57,0	8,0	13,0	32,0	41,2
Lithuania	5,0	12,6	36,8	31,5	3,3	6,7	16,2	31,7
Malta	32,0	35,2	93,1	89,8	2,3	1,4	2,3	2,2
Netherlands	18,5	73,2	103,2	137,2	24,0	65,6	125,1	153,1
Germany	105,0	185,8	337,2	463,9	69,3	171,3	353,4	525,9
Norway	11,0	13,5	41,3	30,7	1,7	6,9	10,5	3,6
Isle of Man	—	—	13,0	8,3	—	—	0,0	0,0
Poland	34,1	62,2	93,1	141,8	17,7	77,0	141,2	175,8
Portugal	0,8	10,6	10,9	11,7	0,2	2,4	54,1	41,4
Romania	9,6	8,0	21,6	30,5	4,4	4,0	11,2	10,2
Serbia	—	—	12,1	11,1	—	—	7,2	4,7
Slovakia	8,1	49,2	50,6	38,2	6,2	17,5	18,2	27,6
Hungary	28,1	128,2	223,9	77,1	14,9	49,8	52,3	108,0
Finland	1,8	14,7	48,1	59,5	1,6	2,9	22,0	45,3
France	25,7	57,4	123,6	140,2	10,3	53,2	230,2	151,7
Czech Republic	7,6	21,2	43,1	56,2	7,0	17,6	38,6	52,4
Switzerland	47,8	296,2	431,2	552,7	32,2	111,1	178,6	245,0
Sweden	9,0	16,5	44,6	70,5	13,4	90,6	158,9	137,2

FOREIGN ECONOMIC ACTIVITY

Table 11.5 continued

	Exports				Imports			
	2000	2005	2010	2012	2000	2005	2010	2012
Asia	267,1	593,1	1072,2	1331,1	68,0	462,5	1223,0	1577,5
of which								
Hong Kong	1,1	4,3	17,9	38,3	20,5	72,9	7,5	9,1
Georgia	4,7	33,7	54,1	63,0	2,2	11,4	17,7	20,0
Israel	21,2	40,9	64,5	126,4	8,5	18,8	28,7	98,1
India	33,5	17,1	31,2	55,0	1,8	3,2	4,7	9,8
Iran, Islamic Republic of	15,7	9,2	12,9	11,2	1,1	2,3	2,8	1,7
China	12,2	24,0	73,9	81,2	3,8	7,7	17,5	27,0
Cyprus	68,4	242,4	418,7	452,2	12,5	213,5	817,6	916,6
Korea, Republic of	2,0	8,3	12,4	51,1	3,3	2,8	6,4	14,9
Lebanon	8,4	7,5	13,8	30,1	0,5	1,0	3,4	2,0
United Arab Emirates	4,3	26,0	69,4	84,8	—	10,8	49,9	86,2
Syrian Arab Republic	22,7	22,1	23,0	10,4	1,0	1,4	0,8	0,7
Singapore	7,0	13,4	17,7	19,1	4,5	2,5	5,6	10,2
Thailand	2,4	5,5	18,3	11,3	1,0	8,1	17,6	16,5
Turkey	39,0	90,2	154,6	186,9	14,0	93,9	224,7	324,6
Japan	4,4	5,3	14,6	16,3	8,0	5,4	6,1	10,4
Africa	28,4	72,2	152,9	183,1	6,1	28,7	45,0	37,6
of which								
Egypt	3,7	14,1	48,5	42,5	2,9	18,0	32,2	17,6
Liberia	5,8	14,6	42,8	35,9	0,2	0,6	0,2	0,2
Nigeria	0,2	3,7	8,5	14,5	0,0	0,7	0,7	1,1
Seychelles	0,0	8,0	11,8	17,2	0,0	0,8	0,5	1,2
America	186,3	476,8	1235,7	1513,9	290,6	391,7	571,0	510,0
of which								
Bahamas	6,9	19,0	18,2	18,7	1,2	5,8	2,8	1,4
Belize	1,0	5,1	53,0	63,1	0,0	3,1	16,5	11,3
Virgin Islands, British	17,2	69,5	203,2	298,2	2,9	38,0	92,0	60,0
Canada	7,9	39,6	101,9	130,5	17,1	25,8	38,5	52,3
Panama	10,6	34,0	168,3	179,4	0,6	1,8	30,0	25,9
Saint Kitts and Nevis	0,4	2,2	31,1	15,1	—	5,9	3,7	1,3
USA	122,7	281,4	596,9	738,4	264,0	306,8	379,4	345,0
Australia and Oceania	1,5	6,9	40,8	233,8	1,0	1,7	8,0	6,7
of which								
Australia	0,7	0,9	3,1	3,8	0,8	1,0	0,9	1,1
Marshall Islands	0,3	5,2	25,2	215,6	0,0	0,0	0,1	1,1
New Zealand	0,3	0,3	10,7	11,4	0,0	0,4	6,9	4,4
Indeterminate countries	88,5	299,8	349,7	280,8	171,1	320,9	240,0	297,2

FOREIGN ECONOMIC ACTIVITY

11.6. Exports/imports of services in 2012, by region

	Exports			Imports		
	total enterprises	value, mln. USD	percentage of total	total enterprises	value, mln. USD	percentage of total
Ukraine¹	6913	13599,1	100,0	5467	6736,1	100,0
Autonomous Republic of Crimea	512	374,9	2,8	108	91,0	1,4
oblasts						
Vinnitsya	81	46,1	0,3	81	23,5	0,4
Volyn	104	53,4	0,4	230	28,4	0,4
Dnipropetrovsk	259	388,2	2,9	307	430,9	6,4
Donetsk	301	685,5	5,0	310	622,8	9,3
Zhytomyr	65	29,8	0,2	50	9,3	0,1
Zakarpattia	139	65,5	0,5	98	39,4	0,6
Zaporizhzhya	183	278,7	2,1	114	86,0	1,3
Ivano-Frankivsk	84	58,4	0,4	83	54,8	0,8
Kyiv	206	426,5	3,1	217	366,0	5,4
Kirovohrad	25	14,5	0,1	39	18,2	0,3
Luhansk	120	179,1	1,3	162	72,1	1,1
Lviv	351	222,3	1,6	276	92,1	1,4
Mykolayiv	143	234,0	1,7	94	86,2	1,3
Odesa	885	1215,1	8,9	452	255,4	3,8
Poltava	139	40,6	0,3	221	160,7	2,4
Rivne	76	73,3	0,5	68	25,9	0,4
Sumy	70	62,4	0,5	70	74,7	1,1
Ternopil	50	13,9	0,1	64	12,9	0,2
Kharkiv	473	308,1	2,3	278	197,4	2,9
Kherson	118	36,9	0,3	39	5,8	0,1
Khmelnyskiy	64	40,7	0,3	89	11,6	0,2
Cherkasy	57	25,5	0,2	56	12,7	0,2
Chernivtsi	44	9,6	0,1	15	2,6	0,0
Chernihiv	54	7,9	0,1	65	26,8	0,4
cities						
Kyiv	2212	3656,0	26,9	1795	2613,4	38,8
Sevastopol	84	108,2	0,8	17	5,8	0,1

¹ Including the undistributed services by region

FOREIGN ECONOMIC ACTIVITY

11.7. Structure of exports/imports of services in 2012

	Exports		Imports	
	mln. USD	percentage of total, section, unit	mln. USD	percentage of total, section, unit
Total	13599,1	100,0	6736,1	100,0
Transport services	8541,1	62,8	1696,4	25,2
sea	1241,2	14,5	202,8	12,0
passenger	3,8	0,3	0,1	0,0
cargo	39,4	3,2	34,9	17,2
other	1198,1	96,5	167,9	82,8
air	1510,7	17,7	641,3	37,8
passenger	814,2	53,9	240,3	37,5
cargo	251,1	16,6	13,1	2,1
other	445,4	29,5	387,9	60,5
rail	1586,6	18,6	643,0	37,9
passenger	305,5	19,3	196,5	30,6
cargo	363,2	22,9	50,7	7,9
other	918,0	57,9	395,8	61,6
pipeline	3248,2	38,0	0,9	0,1
other transport	954,3	11,2	208,4	12,3
passenger	21,3	2,2	12,4	6,0
cargo	283,0	29,7	57,7	27,7
other	650,0	68,1	138,2	66,3
Travel	555,1	4,1	572,2	8,5
Communications services	356,4	2,6	151,2	2,2
Construction services	221,0	1,6	260,0	3,9
Insurance services	114,2	0,8	158,9	2,4
Finance services	248,3	1,8	951,7	14,1
Computer services	803,5	5,9	308,7	4,6
Royalty and licenses services	56,4	0,4	419,8	6,2
Other business services	103,3	0,8	260,1	3,9
Miscellaneous business, professional and technical services	1962,1	14,4	1085,4	16,1
Services to individuals, and cultural and recreational services	62,7	0,5	223,4	3,3
Public services not included elsewhere	5,3	0,0	602,7	8,9
Repair	569,8	4,2	45,6	0,7

FOREIGN ECONOMIC ACTIVITY

11.8. Foreign direct investment¹ in Ukraine in 2012

(mln. USD)

	Total	Of which, from		
		EU countries	CIS countries	other countries
Direct investment of non-residents in Ukraine (paid-in capital and debt instruments), as of January 1	58624,9	47695,8	4385,1	6544,0
Paid-in capital of non-residents of Ukraine, as of January 1	50333,9	40331,8	4018,1	5984,0
Equity capital of non-residents inflow	6013,1	4309,1	342,9	1361,1
Equity capital of non-residents outflow	-1255,9	-1051,9	-47,7	-156,3
Other changes in equity capital of non-residents valuation (revaluation, loss, reclassification of investment, etc)	-628,7	-609,7	-44,3	25,3
of which				
difference in exchange rates	155,0	143,4	3,5	8,1
Paid-in capital of non-residents in Ukraine, as of December 31	54462,4	42979,3	4269,0	7214,1
Direct investment of non-residents of Ukraine (paid-in capital and debt instruments), as of December 31	64044,1	51262,7	4646,8	8134,6

¹ Here and elsewhere (Tables 11.9–11.14) data compiled on the basis of information obtained from legal entities, adjusted by the amount of the difference between market and nominal value of shares, property, etc. Data on direct investment to Ukraine and from Ukraine are preliminary and are used by the National Bank for compilation of the balance of payments and international investment position

11.9. Foreign direct investment (paid-in capital) to Ukraine, by country

(mln. USD)

	Volume of direct investment as of beginning of year									As of 31.12.2012
	1996	2001	2006	2007	2008	2009	2010	2011	2012	
Total	896,9	3875,0	16890,0	21607,3	29542,7	35616,4	40053,0	44806,0	50333,9	54462,4
Cyprus	51,5	377,7	1635,9	3187,5	5946,4	7646,2	9005,3	10044,9	13355,2	17275,1
Germany	156,9	240,9	5503,7	5578,1	5918,3	6393,0	6601,9	7083,0	7391,8	6317,0
Netherlands	46,5	362,2	919,5	1533,8	2508,8	3197,4	3954,5	4683,3	4898,0	5168,6
Russian Federation	50,0	286,6	835,8	1002,1	1462,4	1847,2	2566,4	3403,2	3600,4	3785,8
Austria	16,4	124,5	1439,5	1633,8	2067,4	2443,8	2605,2	2731,4	3418,8	3401,4
United Kingdom	53,9	312,0	1174,8	1563,4	1975,5	2249,8	2307,5	2287,1	2593,4	2556,5
Virgin Islands, British	5,0	192,8	736,5	806,2	1066,7	1294,0	1342,7	1451,5	1666,0	1884,9
France	11,3	39,9	87,9	830,3	1044,8	1231,2	1630,8	2368,1	2260,4	1765,3
Sweden	19,1	77,1	134,1	137,3	986,7	1262,8	1275,8	1710,6	1756,8	1600,1
Switzerland	38,4	163,3	456,4	566,5	648,0	718,0	796,4	862,3	947,7	1106,2
Italy	19,2	72,2	117,4	132,9	150,4	914,2	982,0	980,6	975,1	1015,9
USA	183,3	639,5	1387,4	1396,8	1430,1	1464,6	1309,1	1158,1	1000,7	936,7
Poland	20,5	62,8	225,5	394,6	672,1	690,1	866,7	932,8	854,1	916,4
Belize	1,1	10,3	89,6	81,4	120,9	156,9	120,0	139,7	159,7	831,3
Hungary	20,0	51,9	191,0	370,9	411,2	595,4	711,5	700,5	681,4	688,3
Luxembourg	1,0	9,7	77,8	93,4	210,7	214,2	265,1	441,7	495,2	558,8
Other countries	202,8	851,6	1877,2	2298,3	2922,3	3297,6	3712,1	3827,2	4279,2	4654,1

FOREIGN ECONOMIC ACTIVITY

**11.10. Foreign direct investment (paid-in capital) to Ukraine in 2012,
by type of economic activity**

	Capital, as of 31.12.2012, mln. USD	Percentage of total investment
Total	54462,4	100,0
Agriculture, hunting, forestry	800,7	1,5
Fishing	12,8	0,0
Industry	17166,7	31,5
mining	1548,4	2,8
manufacturing	14078,7	25,9
production of foodstuffs, beverages and tobacco products	3039,9	5,6
light industry (textile industry; sewing of clothes, fur and fur articles; production of leather, leather articles and other materials)	145,1	0,3
wood working and production of wood products apart from furniture	307,4	0,6
cellulose and paper industry; printing	237,8	0,4
production of coke and refined petroleum products	408,3	0,7
chemical and petrochemical industry (production of chemicals; production of rubber and plastic products)	1325,8	2,4
production of other non-metallic mineral products	1053,9	1,9
metallurgy and production of finished metal products	6157,0	11,3
engineering (manufacture of machinery and equipment; manufacture of electrical, electronic and optical equipment; manufacture of transport vehicles and equipment)	1154,7	2,1
other manufacture n.i.e.	248,8	0,5
production and distribution of electricity, gas and water	1539,7	2,8
Construction	974,1	1,8
Trade; repair of motor vehicles, household appliances and personal demand items	6003,0	11,0
Hotels and restaurants	810,3	1,5
Transport and communications	3015,7	5,5
Financial activity	16105,6	29,6
Real estate transactions, renting, engineering and provision of services to businessmen	9058,5	16,6
Public administration	0,1	0,0
Education	6,0	0,0
Health care and provision of social aid	120,7	0,2
Provision of communal and individual services; cultural and sporting activity	388,1	0,7

FOREIGN ECONOMIC ACTIVITY

11.11. Direct investment (paid-in capital) in 2012, by region*(mln. USD)*

	Inward		Outward	
	as of January 1	as of December 31	as of January 1	as of December 31
Ukraine	50333,9	54462,4	6899,7	6481,9
Autonomous Republic of Crimea	1176,7	1463,7	2,2	2,0
oblasts				
Vinnitsya	226,4	245,4	0,2	0,2
Volyn	291,4	361,2	... ¹	... ¹
Dnipropetrovsk	8208,2	8351,8	144,1	191,2
Donetsk	2646,9	2981,6	5939,8	5426,3
Zhytomyr	337,7	363,8	—	—
Zakarpattia	348,5	407,2	... ¹	... ¹
Zaporizhzhya	987,6	1144,2	42,1	41,6
Ivano-Frankivsk	624,0	642,5	... ¹	... ¹
Kyiv	1751,7	1927,7	6,8	7,0
Kirovohrad	72,4	103,7	0,1	0,1
Luhansk	766,0	838,5	10,9	11,1
Lviv	1387,8	1634,8	21,0	27,4
Mykolayiv	152,3	259,9	0,6	0,8
Odesa	1220,5	1629,5	36,0	53,9
Poltava	702,2	942,8	1,8	2,3
Rivne	280,4	296,9	—	—
Sumy	361,8	374,4	2,6	2,7
Ternopil	61,9	64,6	... ¹	... ¹
Kharkiv	2814,3	2170,4	11,2	12,9
Kherson	206,4	245,2	0,1	0,1
Khmelnyskiy	186,8	208,6	... ¹	... ¹
Cherkasy	285,7	884,1	—	—
Chernivtsi	61,9	64,3	... ¹	... ¹
Chernihiv	100,9	105,3	—	—
cities				
Kyiv	24907,7	26592,1	656,9	671,1
Sevastopol	165,8	158,4	... ¹	... ¹

¹ According to Ukraine's Law *On State Statistics*, information is confidential

FOREIGN ECONOMIC ACTIVITY

11.12. Direct Ukrainian investment abroad in 2012

(mln. USD)

	Total	Of which, to		
		EU countries	CIS countries	other countries
Direct investment of residents in economies of the world (paid-in capital and debt instruments), as of January 1	7085,5	6663,2	321,9	100,4
Paid-in capital of residents of Ukraine, as of January 1	6899,7	6518,3	283,3	98,1
Equity capital of residents inflow	113,3	66,9	46,4	0,0
Equity capital of residents outflow	-8,5	-4,1	-0,8	-3,6
Other changes in equity capital of residents valuation (revaluation, loss, reclassification of investment, etc)	-522,6	-535,1	11,7	0,8
of which				
difference in exchange rates	26,5	12,3	13,4	0,8
Paid-in capital of residents in economies of the world, as of December 31	6481,9	6046,0	340,6	95,3
Direct investment of residents in economies of the world (paid-in capital and debt instruments), as of December 31	6713,4	6237,2	381,6	94,6

11.13. Direct Ukrainian investment (paid-in capital) abroad, by country

(mln. USD)

	Volume of direct investment, beginning of year									As of 31.12.2012
	1996	2001	2006	2007	2008	2009	2010	2011	2012	
Total	84,1	170,3	219,5	243,3	6196,6	6203,1	6226,3	6868,3	6899,7	6481,9
Cyprus	... ¹	... ¹	2,1	10,3	5825,5	5826,1	5778,5	6342,5	6342,1	5810,5
Russian Federation	52,1	68,1	102,9	104,0	148,6	99,9	166,1	190,3	236,6	292,5
Latvia	... ¹	... ¹	... ¹	3,5	30,7	31,6	31,9	87,9	80,4	95,5
Poland	0,3	0,3	21,3	24,2	30,1	46,9	49,4	49,1	48,2	54,2
Georgia	... ¹	0,9	2,2	2,9	28,5	26,9	32,4	31,1	32,3	32,8
Virgin Islands, British	—	—	—	0,1	10,9	14,3	20,8	25,8	25,8	25,8
Kazakhstan	—	... ¹	0,0	0,2	0,8	26,8	27,1	25,2	24,5	25,0
Spain	—	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Panama	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	19,8	18,7	18,7
Moldova, Republic of	0,0	... ¹	0,9	1,3	26,7	26,6	15,2	15,2	16,7	16,9
Estonia	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹
Lithuania	... ¹	0,4	0,4	2,9	4,0	... ¹	... ¹	... ¹	... ¹	... ¹
Netherlands	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	... ¹	0,1	13,5
Germany	0,2	0,2	0,3	0,4	2,5	2,6	5,2	9,2	9,0	9,1
Belarus	0,5	0,2	0,7	0,7	1,8	4,8	4,7	4,1	4,1	5,8
Switzerland	8,1	6,5	4,0	4,3	4,6	5,0	5,1	9,3	9,2	5,7
Austria	1,6	0,7	4,6	1,9	2,2	2,7	5,1	4,7	5,3	5,3
Other countries	9,7	28,9	46,3	52,8	45,9	46,5	40,3	26,0	15,9	21,3

¹ See the footnote to Table 11.11

FOREIGN ECONOMIC ACTIVITY

**11.14. Direct Ukrainian investment (paid-in capital) abroad in 2012,
by type of economic activity¹**

	Capital, as of 31.12.2012, mln. USD	Percentage of total investment
Total	6481,9	100,0
Agriculture, hunting, forestry	... ²	... ²
Industry	151,7	2,3
mining	... ²	... ²
manufacturing	151,5	2,3
production of foodstuffs, beverages and tobacco products	69,2	1,1
light industry (textile industry; sewing of clothes, fur and fur articles; production of leather, leather articles and other materials)	... ²	... ²
cellulose and paper industry; printing	... ²	... ²
chemical and petrochemical industry (production of chemicals; production of rubber and plastic products)	6,0	0,1
production of other non-metallic mineral products	... ²	... ²
metallurgy and production of finished metal products	32,5	0,5
engineering (manufacture of machinery and equipment; manufacture of electrical, electronic and optical equipment; manufacture of transport vehicles and equipment)	32,3	0,5
other manufacture n.i.e.	2,3	0,0
production and distribution of electricity, gas and water	... ²	... ²
Construction	4,7	0,1
Trade; repair of motor vehicles, household appliances and personal demand items	207,2	3,2
Hotels and restaurants	... ²	... ²
Transport and communications	35,9	0,6
Financial activity	662,4	10,2
Real estate transactions, renting, engineering and provision of services to businessmen	5388,6	83,1
Public administration	... ²	... ²
Education	... ²	... ²
Provision of communal and individual services; cultural and sporting activity	... ²	... ²

¹ These are types of economic activity of resident enterprises that made investment abroad² See the footnote to Table 11.11

12. WHOLESALE AND RETAIL TRADE, RESTAURANTS

Wholesale turnover is defined as resale of goods by enterprises without any changes (except conventional trade-related operations) to other enterprises and organisations (excluding individuals) for their consumption, subsequent resale either within Ukraine, or for exports. Wholesale turnover figures exclude VAT and excise tax. Conventional trade-related operations comprise weighting, sorting, packing, dividing into lots, distributing, stacking, mixing, etc. Goods ready for sale refer to finished goods that are sold without further processing or modification.

In 2011 an issue concerning the classification of activity of enterprises engaged in wholesale of fuels and transactions with the natural gas and their reflection in the state statistical reporting has been resolved. Trade in the natural gas via the local pipelines refer to the economic activity: distribution and supplies of gas. In view of the above, the statistical recording of wholesale trade turnover of enterprises whose main activity is wholesale has been amended accordingly. Data for the previous years (2000/2010) meet the

common terms for statistical recording of wholesale trade.

Turnover of retail trade includes retail trade turnover of enterprises engaged in retail trade as well as estimated sales of consume goods through the retail trade network that belong to individual entrepreneurs and in markets.

Turnover of restaurant business includes retail trade turnover of enterprises engaged in restaurant business and since 2005, the estimated sales by through the restaurant network that belong to individual entrepreneurs.

Retail turnover of enterprises refers to the value of consumer goods sold via retail trade and restaurants to the population by all operating enterprises. It also includes direct retail sales by industrial, transport and other non-trade enterprises. In addition, retail turnover includes retail sales of food products to departments, organisations and enterprises to provide meals to the people they serve (at sanatoria, children's care institutions, hospitals, etc). Monetary values reflect current prices; volume indices of trade turnover are shown at comparable prices.

12.1. Trade and restaurant turnover

(bln. UAH)

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wholesale turnover of enterprises ¹	162,8	283,4	389,9	542,0	492,5	631,2	812,2	998,6	817,5	993,7	1107,3	1093,3
Turnover of retail trade	47,5	68,8	87,6	116,3	174,4 ²	237,8 ²	325,1 ²	456,0 ²	444,3 ²	541,5 ²	685,7 ²	812,1 ²
Turnover of restaurant business	2,1	2,8	3,0	3,5	7,5 ²	9,1 ²	11,7 ²	15,6 ²	15,4 ²	17,9 ²	21,2 ²	23,5 ²
Retail turnover of enterprises	28,8	39,7	50,0	67,6	94,3	130,0	178,2	246,9	231,0	280,9	350,1	405,1

¹ See methodology notes

² Based on data derived from complete enumeration and administrative data of retail trade and restaurants belonging to natural persons (businesses)

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.2. Wholesale turnover¹, by region

(mln. UAH)

	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	492506,2	631175,2	812160,5	998578,2	817532,4	993695,8	1107289,4	1093290,8
Autonomous Republic of Crimea	5291,6	6615,8	8277,2	11583,4	12009,0	13714,8	14114,5	13046,4
oblasts								
Vinnitsya	3068,0	3690,3	4702,4	6765,0	6776,9	8457,2	7735,2	8909,8
Volyn	12083,1	9749,8	12269,2	21684,8	21677,2	15810,2	13291,4	13615,0
Dnipropetrovsk	66225,4	73144,3	90781,9	104723,4	93934,8	98919,8	97369,7	85859,6
Donetsk	67987,1	96420,4	115619,6	145353,5	114262,5	173920,2	237970,1	207136,2
Zhytomyr	4758,6	4059,1	6133,5	5664,7	4178,2	13616,4	5382,8	5641,0
Zakarpattia	3840,9	3290,3	4457,9	5525,7	4761,9	6770,3	10139,8	8799,4
Zaporizhzhya	17734,8	19609,3	25356,8	30411,0	20510,3	25661,9	21352,0	16864,3
Ivano-Frankivsk	4385,2	4151,6	5782,3	6268,0	8070,5	8616,9	6345,7	7255,4
Kyiv	15735,2	19475,4	25963,7	35323,3	35225,7	43988,9	50540,8	61127,0
Kirovohrad	3024,8	3553,4	4231,2	5635,7	6244,0	8409,7	9241,5	12155,7
Luhansk	19470,4	16456,9	17603,9	19433,9	18706,6	22089,8	18766,9	19004,8
Lviv	16210,6	18297,9	19738,9	24265,3	20898,9	23915,6	39393,1	41664,0
Mykolayiv	13588,9	16607,8	17962,5	18612,4	20229,9	21057,3	17091,7	16639,4
Odesa	21787,1	27341,5	33785,6	51035,2	45512,1	46337,3	45452,8	42905,8
Poltava	8332,7	11182,2	21559,1	17937,3	14493,3	32607,6	11838,9	11449,8
Rivne	5667,5	7784,9	8062,4	7944,7	3294,1	3729,2	4683,7	4387,5
Sumy	3027,9	3371,9	3910,8	5074,6	4423,9	5261,3	5397,8	4977,9
Ternopil	1546,6	1726,9	2163,0	3323,4	4994,6	4944,0	11666,2	19434,4
Kharkiv	25983,0	35108,1	44424,0	52337,5	41330,9	46662,4	51831,5	51375,8
Kherson	5137,3	6808,0	7600,5	9714,7	9457,6	10473,0	8324,6	7217,5
Khmelnyskiy	7955,9	5874,5	4311,2	4870,6	4361,2	5009,4	5461,2	6111,7
Cherkasy	4334,8	6314,6	7509,5	9260,1	8533,4	9841,5	11846,2	13022,5
Chernivtsi	2013,8	2087,6	2961,8	3375,5	2495,3	2529,6	3163,0	3174,2
Chernihiv	2505,8	2685,0	3395,7	4562,6	4342,5	5926,9	7206,3	7070,9
cities								
Kyiv	148249,2	222430,7	308835,2	382261,9	280133,1	324179,1	383755,9	400773,2
Sevastopol	2560,1	3337,0	4761,0	5630,0	6674,0	11245,5	7926,2	3671,5

¹ See methodology notes

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.3. Commodity structure of wholesale turnover

(mln. UAH)

	2011	2012
Wholesale turnover, total	1107289,4	1093290,8
Food products	194516,0	215169,0
meat and meat products	14180,7	17243,1
dairy products, butter and cheese	14691,0	16894,1
margarine and fats food similar	2858,4	2719,2
vegetable oil	12344,6	13648,9
distilled alcoholic beverages	9182,1	9779,8
ethyl alcohol	44,6	22,4
fresh grape wines and mash grape	3547,5	3602,1
cider and other fruit and berries wines	90,2	84,9
vermouth and other flavoured fresh grape wines	382,7	461,1
beer, apart from brewery waste	7563,6	7733,2
mineral waters and soft drinks and fruit and vegetable juices	8795,9	8945,9
tobacco products, apart from tobacco waste	24632,8	27007,7
sugar	6487,0	4610,5
chocolate and sugar confectionary products	15437,8	15124,4
roast coffee that contains or does not contain caffeine; non-roasted decaffeinated coffee	6250,2	5634,5
green tea (nonenzymatic), black tea (enzymatic) and tea partially enzymatic	3058,4	2970,7
cocoa paste whether or not defatted, cocoa butter, cocoa fat, cocoa powder	200,3	230,8
spices and seasoning, apart from salt	2041,8	2145,3
fish, crustacean and molluscs, processed and conserved	6717,5	7074,4
rice	664,2	556,3
flour	1564,9	1251,8
cereals, coarse flour, pellets and other products of grain crops	1168,3	1056,5
macaroni, noodles, couscous and pastries	981,6	1081,5
edible salt and pure sodium chloride; sea water	757,4	757,2
fruit and vegetables, processed and conserved, excluding potatoes	2076,1	2486,0
other	48796,1	62046,7
Manufactured goods	912773,4	878121,8
motor vehicles for light loads	26036,9	28947,8
freight motor vehicles	3454,3	5055,5
components, parts and equipment for cars and motor vehicles	11684,6	12941,4
motorcycles	101,6	132,5
wheat	11907,8	18655,4
including		
hard wheat	1306,8	1903,2
wheat, apart from hard wheat	10601,0	16752,2
corn	15999,5	26084,6
barley	5426,2	7975,5
rye, oats	148,7	149,8
mustard seeds, seeds of rape and colza, sesame, sun flower	9838,2	13987,3
fodders finished for animals	3227,5	4336,3
live dairy breed cattle	72,4	41,1
live pigs	119,6	57,4
fabrics	1183,9	939,0
textile products finished, apart from clothes	809,7	898,2
fridges and deep freezers	3330,7	2738,0
washing machines and dryers machines	1705,1	1246,7
household electronic equipment, recording and playing sound and image	4264,7	3752,7
household and decorative ceramic products	1462,2	1521,6
perfumery and cosmetics	11340,3	13464,5
wallpaper	754,7	675,6
soap and detergents, cleans and lustre preparations	5691,4	7468,7

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.3 continued

	2011	2012
basic pharmaceutical products	42523,2	49115,9
radiological, electric and medical, and electric and therapeutic equipment, medical and dental tools and materials	4712,1	3815,8
black coal	62073,0	53051,3
brown coal	8,2	10,5
crude oil, including oil, obtained from bituminous minerals	2627,7	1280,6
liquid propane and butane	—	4855,3
petrol for motor vehicles including aircraft gasoline	41671,1	40662,3
gas oil (diesel fuel)	61226,1	67341,9
heavy fuel oil	1894,9	1327,6
oils and lubricants; hard oil distillates	6167,3	5677,0
basic ferrous metals: iron, cast iron, steel and ferroalloys	65326,9	60106,8
including		
ferroalloys	1078,5	1409,4
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
flat section hot rolled of steel	31884,7	25650,9
cold rolled flat products from non-alloyed steel	6275,5	5201,5
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
pellets and powders from processed or mirror pig iron or from ferrous metals	—	955,9
products of other primary processing of steel other	22039,3	20953,9
non-ferrous metals (excluding precious metals) – aluminum, lead, zinc and tin, copper, other non-ferrous metals	4875,9	3351,6
slag and wastes of ferrous metals production	26232,7	—
timber	817,9	1163,3
wood and wood products and skin, apart from furniture; straw products and products from plant material for wickerwork	2274,2	2189,2
polymer-based paints and varnishes	2984,7	2519,1
sheet and hollow glass	2459,2	1800,7
tubes, pipelines, gutters, drain-pipes and ceramic tubular fittings	310,0	243,3
portland cement, alumina cement, cindery slag cement and similar water-hardening cements	4052,6	4174,0
products made of asbestos cement, cement of fibres of cellulose or similar materials	416,7	286,2
asphalt products or similar materials	307,2	475,7
tubes, hollow lances and cross sections and fittings for pipes and lances, of foundry iron	216,7	115,0
tubes, hollow lances, cross sections and fittings of steel	13655,1	8631,7
radiators and copper ferrous central heating	846,4	1098,2
steam or steam generating boilers, others that use overheat water	212,6	125,7
wire products, chains and springs	929,4	688,9
tubes, lances and hoses of bound rubber (apart from hard rubber)	170,8	108,4
plastic tubes, lances, hoses and fittings for them	1375,8	1493,7
other non-organic basic chemical substances	5386,9	2633,3
plastics in primary forms	3942,6	4375,5
synthetic rubber in primary forms	259,2	197,3
rubber tyres and inner tubes, new	5001,9	4806,6
nitrogen fertilisers and compounds	18789,6	18424,5
pesticides and other agrochemical products	9823,5	13877,0
electronic and electric wires and cables, other	6408,5	4041,1
paper and carton	4884,9	3378,4
office machines and equipment, computing machines, parts of equipment for them, memory devices and other devices for storage of data	12961,1	8783,9
services related to provision of software	866,4	288,0
goods for sports	887,9	813,1
jewellery and similar products	111,9	124,6
services related to books publishing, periodicals and services related to publishing, other	1033,8	612,9
furniture	2843,4	1699,0
other	348603,7	326333,4

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.4. Turnover conducted via exchanges

(mln. UAH)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total¹	532,9	2162,0	17024,8	23313,3	26060,0	56122,4	50995,9	51440,6	94420,0	118544,4
Metal and metal products	0,5	4,9	116,4	5,6	8,7	7,1	4,6	13,5	9,1	3,8
Non-ferrous metals	0,1	0,3	0,0	5,0	0,0	3,9	5,4	4,2	—	—
Building materials	0,1	3,6	67,9	160,3	205,7	228,7	263,1
Motor vehicles	39,8	193,4	319,9	392,9	452,8	398,8	376,0	184,5	60,2	43,5
Wood and timber	0,3	0,7	35,7	27,7	701,8	782,7	65,7	344,0	948,1	1297,9
Fuel	2,8	290,6	2517,9	8479,2	9343,4	12386,6	7218,8	2630,4	7523,9	6280,9
of which										
coal	1,7	1,5	0,0	24,0	0,4	1762,5	136,0	1376,2	2273,5	1000,6
gas oil (diesel fuel)	...	29,0	407,4	0,6	0,2	148,3	259,3	12,4	1067,5	1494,6
gasoline for vehicles	0,5	0,5	395,1	0,6	7,2	0,4	—	33,5	2910,3	2995,6
crude oil	...	2,7	1329,1	7183,5	7884,8	8553,4	5291,6	0,0	0,0	—
gas condensate	...	139,0	76,1	464,1	460,1	642,0	443,8	—	169,6	91,9
propane and butane liquefied	...	94,7	310,2	806,4	990,7	1280,0	1088,4	1208,3	1103,0	698,2
Manufactured goods	0,7	2,6	6,5	1,3	5,5	12,4	34,6	9,7	14,1	15,5
Agricultural products	220,8	989,7	10568,2	11905,2	9596,8	40019,5	39866,8	43787,4	63361,4	77889,6
Food products	5,1	62,8	416,1	754,3	1228,5	751,1	1158,7	2272,3	20139,9	28541,8
Chemical products	0,0	124,9	0,9	9,0	0,3	0,2	117,2	107,4	27,9	19,8
Real estate	256,7	380,9	694,5	457,6	343,0	512,2	510,2	252,4	323,8	875,7
Land plots	0,1	0,3	9,4	8,1	1025,2	16,7	138,6	3,4	6,8	12,0
Other	5,9	107,3	2339,3	1267,4	3354,0	1163,3	1339,0	1625,7	1776,1	3300,8

¹ Excluding stock exchange and their branches

12.5. Exchanges

(beginning of year)

	1996	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total registered¹	74	359	402	432	464	439	448	461	482	484	510	537	562	574
Universal	19	97	113	118	119	115	114	114	118	103	106	106	107	108
Commodity and raw materials	25	157	176	201	227	244	258	272	293	318	341	368	391	400
Agricultural	9	31	32	31	34	30	29	30	30	26	25	25	25	24
Other	21	74	81	82	84	50	47	45	41	37	38	38	39	42

¹ See the footnote to Table 12.4

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.6. Turnover of retail trade by region

	2005	2010	2011	2012	2005	2010	2011	2012
	at current prices, mln.UAH				percent of the previous year			
Ukraine	174367	541548	685721	812052	122,4	109,8	114,8	115,0
Autonomous Republic of Crimea	7095	22129	28677	35668	124,7	108,4	114,7	120,8
oblasts								
Vinnitsya	4871	14712	18954	22351	121,5	112,1	117,3	115,7
Volyn	3498	10121	13133	15885	121,0	107,6	115,5	117,0
Dnipropetrovsk	13606	41779	51316	60862	122,0	110,1	110,1	114,8
Donetsk	16287	55012	69327	83951	123,0	112,4	115,8	117,9
Zhytomyr	3620	11494	15419	17384	117,8	109,4	119,7	111,1
Zakarpattia	4454	11250	14753	17019	115,8	106,4	116,4	112,3
Zaporizhzhya	8645	23441	28879	34427	116,2	112,6	112,3	116,7
Ivano-Frankivsk	3939	13097	17515	20575	120,3	105,3	119,9	113,7
Kyiv	5293	20559	27125	33561	115,6	109,4	117,9	118,1
Kirovohrad	2856	9175	11426	13730	115,7	111,4	112,5	115,2
Luhansk	7229	23035	28501	36134	113,9	114,7	111,8	122,4
Lviv	8796	25228	31286	36233	120,6	105,2	112,3	111,8
Mykolayiv	3890	12724	16487	19661	115,9	107,5	116,2	115,8
Odesa	9564	32588	42101	50590	122,0	108,7	116,1	115,6
Poltava	5151	14508	18707	21699	116,4	107,4	116,6	114,0
Rivne	3238	9787	12773	14763	117,0	104,9	115,8	112,2
Sumy	3654	9948	12783	15364	118,3	105,8	117,3	116,3
Ternopil	2698	9096	11546	12952	126,0	105,6	112,8	108,6
Kharkiv	13402	38848	49485	56252	125,0	106,3	116,3	111,9
Kherson	3684	11393	14034	16520	114,9	106,0	109,4	112,6
Khmelnyskiy	4132	12515	15651	17948	117,0	106,6	113,3	110,8
Cherkasy	4022	12978	16344	19086	113,6	112,2	113,3	114,1
Chernivtsi	2532	8025	9729	11068	116,5	104,9	110,7	111,7
Chernihiv	3108	10064	12633	14569	114,1	106,8	114,1	113,7
cities								
Kyiv	23288	72084	89339	104442	138,4	111,7	115,8	113,1
Sevastopol	1815	5958	7798	9358	126,3	112,8	119,0	117,1

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12.7. Basic indicators for retail turnover of enterprises

	Retail turnover of enterprises			Retail trade turnover			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
2001	34417	30250	4167	31885	28019	3866	2532	2231	301
2002	39691	35222	4469	36920	32771	4149	2771	2451	320
2003	49994	44682	5312	46992	42021	4971	3002	2661	341
2004	67556	61160	6396	64032	58027	6005	3524	3133	391
2005	94332	86804	7528	90005	82912	7093	4327	3892	435
2006	129952	119329	10623	124747	114631	10116	5205	4698	507
2007	178233	164533	13700	171682	158578	13104	6551	5955	596
2008	246903	228794	18109	238523	221128	17395	8380	7666	714
2009	230955	212126	18829	222849	204705	18144	8106	7421	685
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

12.8. Volume indices of retail turnover of enterprises

(percent)

	1990=100														2012 over 2011
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Retail turnover	36	32	36	42	50	61	76	95	124	145	115	126	143	160	112
Food products	43	30	31	34	39	47	56	66	77	83	76	80	90	105	117
foodstuffs	37	22	22	23	26	31	36	43	50	55	50	55	61	71	116
alcoholic beverages	80	99	109	123	146	182	214	251	286	324	300	300	318	323	102
Manufactured goods	29	38	46	56	70	86	111	146	201	245	179	202	230	252	110
Restaurant turnover	35	26	28	31	32	34	36	41	46	46	37	41	45	48	106

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12.9. Retail turnover of enterprises, by region

(mln. UAH)

	1995	2000	2005	2007	2008	2009	2010	2011	2012
Ukraine	11964,0	28757,4	94332,4	178232,6	246903,2	230955,3	280889,7	350059,2	405113,9
Autonomous Republic of Crimea	472,0	946,0	3448,5	6430,0	9064,3	8430,8	10170,7	12862,0	16534,0
oblasts									
Vinnitsya	371,8	794,1	2248,1	3922,4	5358,0	4661,6	5672,7	7332,7	8322,4
Volyn	198,0	575,1	1834,0	3134,1	4306,1	3889,5	4709,4	5907,8	7153,0
Dnipropetrovsk	842,3	2379,9	8370,1	15976,1	22353,1	20150,9	24762,8	29904,2	35035,1
Donetsk	1285,7	2624,1	7867,0	15941,5	22229,2	19912,6	25446,3	31326,7	37635,8
Zhytomyr	343,5	682,2	1775,5	3320,5	4344,3	4143,1	5028,0	6567,7	7222,0
Zakarpattia	231,7	744,9	2666,9	3666,7	5303,7	4915,4	5977,7	7487,0	7709,2
Zaporizhzhya	667,1	1376,0	3880,6	6782,0	9301,3	8433,0	10733,7	13377,7	15994,9
Ivano-Frankivsk	278,0	588,0	1563,4	3133,2	4519,0	4248,5	4858,9	6375,3	7099,0
Kyiv	425,9	1011,5	3020,7	6663,0	9858,6	10010,1	12221,6	16331,7	20790,4
Kirovohrad	201,4	504,2	1466,5	2801,3	3921,8	3635,3	4429,8	5324,2	6212,6
Luhansk	561,3	1021,1	2764,6	5245,8	7796,9	7131,6	9142,9	11426,9	14160,0
Lviv	611,1	1820,4	5530,5	9472,5	12827,2	12983,6	15023,7	18179,9	19698,3
Mykolayiv	298,8	570,3	1759,6	3861,5	5310,2	4818,5	5695,1	7172,4	8316,0
Odesa	469,8	1112,4	5165,3	9996,1	14159,5	14842,9	18007,4	22806,3	26921,5
Poltava	419,8	1064,4	2520,9	4678,3	6725,6	6053,9	7215,3	9064,7	10433,4
Rivne	241,1	473,9	1644,3	2747,3	3853,4	3793,1	4388,9	5545,2	6233,5
Sumy	344,7	776,9	1748,7	2688,2	3673,5	3378,1	3926,4	4998,9	5813,9
Ternopil	168,5	385,5	1324,8	2251,5	3309,2	3321,1	3821,9	4704,2	4976,4
Kharkiv	690,2	2031,3	6755,6	12311,8	16852,0	15976,1	18798,5	22952,9	25895,5
Kherson	242,9	525,7	1826,6	3326,2	4392,1	4421,2	5138,5	6298,8	7295,1
Khmelnyskiy	317,7	560,6	1803,1	3368,3	5003,3	4409,9	5227,8	6544,7	7267,5
Cherkasy	340,9	656,7	1751,9	3173,4	4558,4	4440,1	5570,6	7096,9	7907,6
Chernivtsi	213,4	478,6	1435,5	2679,6	3663,9	3593,5	4121,6	4884,5	5076,2
Chernihiv	340,0	715,7	1578,1	2862,5	3902,6	3710,6	4385,0	5463,8	6293,4
cities									
Kyiv	1204,7	4106,1	17695,6	35989,8	47809,4	43191,5	53318,2	66033,0	73849,1
Sevastopol	104,8	220,8	886,0	1809,0	2506,6	2458,8	3096,3	4089,1	5268,1

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12.10. Per capita retail turnover of enterprises, volume indices

(percent)

	1990=100														2012 over 2011
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
All commodities	36	34	39	45	55	67	83	106	138	163	129	143	162	183	113
Food products	43	31	33	37	43	52	61	73	86	93	85	91	103	120	117
Manufactured goods	29	40	49	60	76	95	122	162	224	276	202	229	261	287	110

12.11. Per capita retail turnover of enterprises in urban and rural areas

(UAH)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All commodities	232	585	707	823	1046	1424	2003	2777	3832	5338	5015	6123	7659	8885
Food products	146	304	356	395	477	625	833	1062	1354	1839	2007	2417	2982	3567
Manufactured goods	86	281	351	428	569	799	1170	1715	2478	3499	3008	3706	4677	5318
Turnover of goods														
in urban areas	298	766	924	1086	1386	1907	2717	3750	5187	7234	6722	8154	10180	11849
in rural areas	93	210	262	283	341	416	497	710	926	1238	1299	1680	2119	2344

12.12. Proportion of food and manufactured products in retail turnover of enterprises

(percent)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All commodities	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Food products	44	63	52	50	48	46	44	42	38	35	34	40	39	39	40
Manufactured goods	56	37	48	50	52	54	56	58	62	65	66	60	61	61	60

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12.13. Per capita retail turnover of enterprises, by region

(UAH)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012		
										total	food products	manufactured goods
Ukraine	232	585	2003	2777	3832	5338	5015	6123	7659	8885	3567	5318
Autonomous Republic of Crimea	214	458	1734	2416	3257	4603	4288	5177	6551	8418	3750	4668
oblasts												
Vinnitsya	198	441	1314	1747	2336	3216	2816	3447	4477	5104	1632	3472
Volyn	184	540	1759	2313	3022	4155	3753	4542	5692	6883	2267	4615
Dnipropetrovsk	218	654	2418	3341	4684	6601	5989	7401	8985	10572	4553	6019
Donetsk	246	533	1693	2484	3496	4918	4441	5718	7091	8574	3623	4951
Zhytomyr	231	482	1327	1836	2532	3342	3212	3921	5147	5682	2415	3267
Zakarpattia	180	590	2139	2332	2949	4267	3951	4797	5994	6155	1871	4283
Zaporizhzhya	320	702	2076	2687	3686	5091	4642	5942	7447	8943	3923	5020
Ivano-Frankivsk	190	413	1124	1636	2264	3270	3077	3520	4620	5140	1917	3224
Kyiv	223	546	1705	2692	3820	5690	5804	7107	9503	12082	4380	7702
Kirovohrad	164	436	1364	1906	2677	3795	3556	4369	5291	6220	2728	3492
Luhansk	200	391	1140	1572	2215	3327	3072	3973	5007	6253	2795	3458
Lviv	221	683	2141	2675	3694	5018	5089	5898	7150	7753	3119	4634
Mykolayiv	222	443	1437	2101	3197	4426	4040	4800	6074	7073	2802	4271
Odesa	181	445	2144	3104	4174	5916	6206	7535	9548	11256	4333	6923
Poltava	241	640	1612	2241	3052	4430	4021	4830	6114	7085	2645	4440
Rivne	202	401	1419	1811	2382	3346	3295	3810	4808	5394	2052	3342
Sumy	245	585	1416	1768	2233	3086	2867	3365	4321	5065	2298	2767
Ternopil	143	334	1187	1560	2043	3019	3044	3518	4346	4612	1848	2765
Kharkiv	222	688	2380	3249	4391	6042	5756	6806	8351	9440	4139	5300
Kherson	192	439	1613	2223	2990	3981	4033	4711	5801	6750	2181	4569
Khmelnyskiy	210	386	1306	1832	2484	3718	3297	3930	4945	5518	1707	3811
Cherkasy	226	460	1298	1750	2401	3480	3416	4317	5539	6211	2431	3780
Chernivtsi	226	515	1578	1991	2960	4052	3974	4558	5398	5602	1910	3691
Chernihiv	250	563	1340	1828	2502	3458	3326	3972	4997	5810	2804	3006
cities												
Kyiv	456	1571	6603	9545	13187	17367	15563	19095	23527	26099	10204	15895
Sevastopol	256	573	2339	3203	4769	6600	6466	8135	10732	13780	6376	7404

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12.14. Retail turnover of enterprises, volume indices for goods

(percent)

	2000=100								2012 over 2011
	2005	2006	2007	2008	2009	2010	2011	2012	
All commodities	245,1	311,5	405,3	478,3	377,9	416,4	471,8	530,8	112,5
Food products	196,4	233,7	273,4	299,4	274,3	290,2	327,3	384,9	117,6
meat and meat products	164,6	209,7	254,2	268,2	238,2	264,6	283,1	314,0	110,9
butter	141,6	164,0	167,9	183,0	176,6	183,5	205,0	227,6	111,0
oil vegetable	311,0	387,5	441,8	508,1	552,3	604,8	704,6	778,6	110,5
other fats	210,6	149,9	131,9	106,6	94,9	71,5	58,9	56,2	95,4
milk and dairy products	194,3	229,7	257,7	263,4	239,7	247,1	255,0	291,2	114,2
rennet, melted and lactic cheese	324,0	413,4	504,3	577,9	555,4	557,1	632,3	758,1	119,9
eggs	148,5	190,8	210,1	255,5	244,8	281,5	405,1	508,4	125,5
sugar	127,4	126,5	172,0	187,7	188,3	153,3	169,1	193,6	114,5
confectionery	177,8	216,9	244,9	275,8	239,7	250,0	270,5	297,6	110,0
tea	308,7	421,7	528,8	619,2	530,0	581,9	634,3	667,3	105,2
flour, bread and bakery products	75,1	73,6	71,8	72,7	67,9	70,0	72,6	78,3	107,9
potatoes	604,0	512,8	765,6	849,8	1012,1	1011,1	1412,5	4278,5	302,9
vegetables	161,5	195,3	260,7	295,4	534,4	770,6	1282,3	2471,0	192,7
fruit, berries, grapes, nuts (including watermelons and melons)	351,9	441,3	512,8	540,0	542,2	859,9	1038,8	1398,2	134,6
non-alcoholic beverages (including mineral waters)	243,6	342,0	462,7	503,4	431,4	443,0	449,6	513,0	114,1
alcoholic beverages	224,0	257,6	291,6	333,2	311,5	311,2	329,2	336,4	102,2
Manufactured goods	292,5	386,4	530,9	648,8	473,6	534,7	607,4	665,7	109,6
clothes	209,4	295,0	377,9	567,2	593,3	770,1	1004,2	1181,9	117,7
footwear	261,1	395,0	731,9	1010,0	1085,8	1275,8	1445,5	1740,4	120,4
sporting goods, bicycles	196,1	290,0	413,3	545,1	528,2	547,2	818,1	1013,6	123,9
computer and computing machines	735,1	1101,2	1887,5	2546,2	1736,5	2847,9	4157,9	4810,7	115,7
audio/video and telecommunication equipment	613,8	1315,4	1862,6	2112,2	1400,4	2027,8	2293,4	2577,8	112,4
electric appliances	546,0	720,2	1067,3	1205,0	858,0	1148,9	1353,4	1563,2	115,5
furniture	206,4	236,5	275,8	360,5	312,9	350,8	407,6	416,2	102,1
houseware and tableware	157,2	184,2	236,5	339,4	305,5	344,9	384,9	451,1	117,2
watches and clocks	127,8	161,3	222,4	508,0	251,0	269,6	272,3	260,0	95,5
jewellery	205,2	243,8	268,9	302,2	207,0	220,9	222,9	220,2	98,8
cars and automobile goods	762,2	1356,0	2240,1	2907,6	889,7	1092,6	1561,3	1937,6	124,1

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12.15. Commodity structure of retail turnover of enterprises

	2005	2010	2011	2012	2005	2010	2011	2012
	mln. UAH				percent			
All commodities¹	94332,4	280889,7	350059,2	405113,9	100,0	100,0	100,0	100,0
Food products in retail network	34939,2	101375,5	124905,0	150100,6	37,1	36,1	35,7	37,1
fresh and frozen meat and poultry	2317,3	6382,8	7153,4	9164,7	2,5	2,3	2,0	2,3
smoked and salted meat and sausage goods	2684,0	6560,2	7603,0	8563,7	2,8	2,3	2,2	2,1
canned meat, ready-to-eat meat products	174,0	901,8	1116,5	1190,3	0,2	0,3	0,3	0,3
fats animal food, margarine	484,1	380,1	377,2	381,1	0,5	0,1	0,1	0,1
fish and sea foods	1171,0	3242,0	3699,0	4411,0	1,2	1,2	1,1	1,1
canned fish and ready-to-eat fish products	384,3	1273,3	1547,4	1986,4	0,4	0,4	0,4	0,5
milk and dairy products	1809,0	5349,3	6157,3	7470,5	1,9	1,9	1,8	1,8
ice cream	283,5	745,5	939,5	1160,3	0,3	0,3	0,3	0,3
rennet cheese, processed and lactic cheese	847,7	3192,4	3921,5	4948,2	0,9	1,1	1,1	1,2
butter	409,5	1396,9	1700,3	1922,5	0,4	0,5	0,5	0,5
eggs and eggs products	441,5	1308,7	1563,3	1981,3	0,5	0,5	0,4	0,5
vegetable oil	416,1	1452,5	2002,2	2256,6	0,5	0,5	0,6	0,6
sugar	432,2	1221,8	1374,2	1128,4	0,5	0,4	0,4	0,3
confectionery	2752,0	8321,7	10181,0	11809,2	2,9	3,0	2,9	2,9
flour	205,0	535,0	637,7	707,0	0,2	0,2	0,2	0,2
bread and bakery products (excluding confectionery)	1699,2	2960,2	3501,2	3914,4	1,8	1,1	1,0	1,0
cereals and legumes	372,1	1326,6	1663,4	1772,6	0,4	0,5	0,5	0,4
macaroni	276,8	1034,7	1322,7	1318,4	0,3	0,4	0,4	0,3
potatoes	190,0	536,5	701,5	722,3	0,2	0,2	0,2	0,2
vegetables	500,8	2196,0	2835,5	3108,7	0,5	0,8	0,8	0,8
fruit, berries, grapes, nuts (including water-melons and melons)	684,6	3567,6	4550,3	5648,2	0,7	1,3	1,3	1,4
canned vegetables	433,3	1123,6	1302,8	1489,4	0,5	0,4	0,4	0,4
canned fruit and berries	308,8	346,3	409,4	441,0	0,3	0,1	0,1	0,1
alcoholic beverages	7676,6	19502,2	23408,3	25995,4	8,2	6,9	6,7	6,4
tea	338,2	1285,0	1469,0	1628,8	0,4	0,5	0,4	0,4
coffee	628,5	2021,8	2512,7	2935,6	0,7	0,7	0,7	0,7
salt	37,4	74,6	89,1	107,2	0,0	0,0	0,0	0,0
soft drink	976,3	3358,9	3768,5	4534,0	1,0	1,2	1,1	1,1
of which juice	...	1501,8	1616,6	1905,7	...	0,5	0,5	0,5
mineral waters	535,8	1804,7	2070,2	2663,5	0,6	0,6	0,6	0,7
tobacco products	3813,8	12298,6	17521,6	26505,8	4,0	4,4	5,0	6,5
other food products (including honey)	1655,8	5674,2	7805,3	8234,1	1,8	2,0	2,2	2,0
Food products in restaurants network	4282,1	9508,7	11369,2	12558,6	4,5	3,4	3,2	3,1
Manufactured goods	55111,1	170005,5	213785,0	242454,7	58,4	60,5	61,1	59,8
textile goods and haberdashery	402,3	1113,4	1343,5	1414,2	0,5	0,5	0,4	0,3
of which textile goods for interior (curtains, blinds, tulles and etc)	181,9	445,7	742,3	499,0	0,2	0,2	0,2	0,1
clothes	1142,6	5488,2	7148,2	8351,7	1,2	1,9	2,0	2,0

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.15 continued

	2005	2010	2011	2012	2005	2010	2011	2012
	mln. UAH				percent			
footwear	614,5	3478,7	3972,8	4682,4	0,6	1,2	1,1	1,2
perfumery and cosmetics	1598,4	6211,4	7070,0	9329,8	1,7	2,2	2,0	2,3
watches and clocks	48,9	126,5	129,7	125,4	0,1	0,0	0,0	0,0
jewellery	320,0	747,0	876,8	974,1	0,3	0,3	0,3	0,2
printed and electronic books, newspapers, magazines	1180,0	2824,7	2980,1	3154,6	1,3	1,0	0,9	0,8
paper products, including school and office goods	223,9	485,6	577,8	637,0	0,2	0,2	0,2	0,2
stationery	210,8	378,7	420,4	425,4	0,2	0,1	0,1	0,1
computer and computing machines	805,3	3020,8	4263,6	4726,2	0,9	1,1	1,2	1,2
audio/video and telecommunication equipment	2288,8	7663,9	8361,9	8881,5	2,4	2,7	2,4	2,2
of which								
audio/video equipment	2288,8	7663,9	...	5615,6	2,4	2,7	...	1,4
telephone sets mobile	2306,3	2364,4	0,7	0,6
photo equipment, games and toys, other goods of cultural purpose	1386,8	1018,1	1197,8	1428,8	1,4	0,3	0,3	0,3
motorcycles, scooters and motor bikes	28,4	71,9	80,3	125,6	0,0	0,0	0,0	0,0
cars and automobile goods	8472,3	22486,9	33151,1	41471,1	9,0	8,0	9,5	10,2
including cars	7448,3	18297,2	26859,5	35639,0	7,9	6,5	7,7	8,8
sporting goods including bicycles	114,2	411,6	634,3	798,7	0,1	0,1	0,2	0,2
furniture	699,8	1580,4	1906,1	1994,3	0,8	0,6	0,5	0,5
carpets and surfacing for floor and walls	85,4	1519,8	1879,0	2424,9	0,1	0,5	0,5	0,6
houseware and tableware	464,6	1417,8	1646,9	1983,7	0,5	0,5	0,5	0,5
electric appliances	3026,3	8166,3	9609,9	10845,2	3,2	2,9	2,7	2,7
building materials	3229,1	10424,3	12952,5	13827,2	3,4	3,7	3,7	3,4
detergents for washing, cleaning and caring	1305,9	4156,5	4732,5	5429,8	1,4	1,5	1,4	1,3
non-electric appliances	682,6	1726,5	2163,6	2039,2	0,7	0,6	0,6	0,5
material and equipment for homework (including garden stock)	178,7	1359,0	1682,4	1850,2	0,2	0,5	0,5	0,5
pharmaceuticals	6200,8	18731,4	22408,4	25495,5	6,6	6,7	6,4	6,3
banding material and patient-care items	582,5	1781,4	2092,3	2140,7	0,6	0,6	0,6	0,5
goods medical and orthopedic	84,0	541,8	702,3	867,9	0,1	0,2	0,2	0,2
optics for glasses	46,4	187,2	228,4	263,7	0,1	0,1	0,1	0,1
automobile gasoline	12196,9	35971,5	44151,1	47420,3	12,9	12,8	12,6	11,7
diesel fuel (gas oil)	4599,8	14090,9	19146,9	21677,1	4,9	5,0	5,5	5,4
lubricants	128,0	296,5	342,4	327,0	0,1	0,1	0,1	0,1
gas compressed and liquefied for automobiles	434,8	3068,8	4831,4	5630,8	0,5	1,1	1,4	1,4
other articles of food, including flowers, plants, seeds, pets and forages for them	2328,3	9458,0	11100,6	11710,7	2,4	3,4	3,2	2,9

¹ Including restaurant business

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.16. Share of consumer goods sales (produced in Ukraine) through trade networks of enterprises

	<i>(percent)</i>								
	2000	2005	2006	2007	2008	2009	2010	2011	2012
All commodities	75,3	70,5	67,3	64,5	63,1	67,4	64,3	61,9	58,9
Food products in retail network	93,2	90,9	89,3	88,2	88,2	88,4	88,2	87,2	86,3
fresh and frozen meat and poultry	90,6	96,9	96,1	94,7	96,5	95,6	97,1	96,6	95,1
smoked and salted meat and sausage goods	98,3	96,9	96,8	95,5	96,3	96,5	97,0	96,2	96,0
canned meat, ready-to-eat meat products	91,4	78,6	78,5	90,7	93,4	93,2	92,4	95,8	95,2
fats animal food, margarine	96,9	95,7	93,5	93,1	93,5	93,9	95,5	96,8	96,5
fish and sea foods	77,3	80,6	76,5	72,8	73,0	72,5	70,4	68,8	66,0
canned fish and ready-to-eat fish products	77,8	79,1	74,5	75,0	77,3	74,6	73,8	72,4	73,3
milk and dairy products	97,9	94,5	93,6	93,2	92,9	92,5	94,5	94,2	92,6
ice cream	98,3	96,0	95,6	94,6	94,9	94,4	97,7	98,1	97,6
rennet cheese, processed and lactic cheese	94,1	90,9	91,2	89,1	88,9	89,1	88,2	88,0	85,1
butter	98,8	97,5	95,8	95,1	96,0	96,9	97,7	98,3	97,2
eggs and eggs products	99,9	98,9	98,9	98,9	99,1	98,8	99,4	98,4	98,5
vegetable oil	95,3	94,3	92,9	92,9	92,9	92,6	93,3	94,0	93,1
sugar	99,2	99,0	98,4	95,4	97,2	96,8	98,8	98,4	98,2
confectionery	95,2	90,0	90,1	90,0	90,1	89,5	90,2	89,6	87,2
flour	99,5	98,3	97,8	98,0	97,0	95,4	97,6	97,2	96,5
bread and bakery products (excluding confectionary)	99,9	98,4	98,1	98,8	98,6	98,4	99,1	98,5	97,6
cereals and legumes	97,6	93,0	90,4	91,0	91,6	91,6	93,5	91,1	90,6
macaroni	96,1	88,8	88,3	84,9	82,7	81,7	79,8	79,3	75,5
potatoes	98,1	90,9	92,8	90,4	92,6	91,5	94,6	90,2	87,7
vegetables	97,1	90,5	90,6	87,5	88,7	87,0	90,6	86,6	77,7
fruit, berries, grapes, nuts (including water-melons and melons)	53,6	66,6	61,8	64,7	62,1	59,0	60,8	57,5	48,8
canned vegetables	85,8	80,8	77,7	81,6	80,7	80,7	81,4	80,1	77,0
canned fruit and berries	88,4	82,9	73,4	70,1	71,0	68,4	64,7	60,1	56,3
alcoholic beverages	93,4	92,1	89,7	88,7	88,5	89,1	87,4	86,1	84,3
tea	49,6	64,3	66,1	62,3	63,7	65,9	67,2	69,1	69,1
coffee	53,3	58,1	53,7	50,9	55,2	51,9	49,3	45,7	45,6
salt	98,9	95,2	94,6	97,0	95,1	93,0	97,8	98,2	97,6
soft drink	95,9	86,5	92,3	92,1	92,8	92,6	90,7	94,3	93,7
of which juice	92,1	92,4	87,6	92,4	93,9
mineral waters	...	93,1	92,3	90,8	91,5	92,1	91,8	92,9	92,4
tobacco products	87,7	93,5	92,9	91,3	90,1	93,0	93,1	93,9	94,9
other food products (including honey)	86,9	81,2	82,9	81,0	80,2	82,9	81,9	75,7	78,4

WHOLESALE AND RETAIL TRADE, RESTAURANTS

Table 12.16 continued

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Manufactured goods	58,7	57,6	55,2	52,9	51,2	54,7	50,0	47,2	41,9
textile goods and haberdashery	51,5	45,1	37,7	38,2	47,8	46,4	41,1	42,7	34,2
of which textile goods for interior (curtains, blinds, tulles and etc)	62,2	36,0	31,3	37,4	53,6	47,7	45,2	46,8	40,3
clothes	45,2	26,4	23,0	20,1	18,2	18,7	13,7	12,7	10,9
footwear	40,9	9,3	6,9	4,4	4,6	6,4	4,2	3,6	2,8
perfumery and cosmetics	36,2	30,5	28,9	25,5	28,0	27,7	25,8	26,0	22,7
watches and clocks	11,8	6,2	7,6	5,6	2,6	3,9	3,6	3,8	2,9
jewellery	85,4	90,8	86,5	91,0	84,5	82,3	81,8	85,8	83,3
printed and electronic books, newspapers, magazines	85,0	87,1	81,1	81,6	83,5	85,6	87,0	87,5	89,0
products paper, including school and office goods	69,7	72,2	72,5	70,4	72,2	72,8	74,9	74,7	74,9
stationery	49,9	48,2	49,0	50,6	51,8	50,4	48,2	47,8	46,5
computer and computing machines	9,5	22,5	18,8	16,7	11,4	11,7	6,1	3,0	1,2
audio/video and telecommunication equipment	7,7	3,6	3,5	3,3	2,7	3,0	4,8	2,5	4,7
photo equipment, games and toys, other goods of cultural purpose	20,5	8,4	15,6	13,9	20,7	28,6	29,2	26,9	19,8
motorcycles, scooters and motor bikes	48,2	40,0	13,9	12,3	4,6	3,0	0,6	0,8	0,2
cars and automobile goods	35,0	23,1	34,9	38,8	31,5	24,3	18,6	14,6	12,6
including cars	22,6	20,2	35,3	39,1	31,8	24,6	17,9	13,1	11,8
sporting goods including bicycles	36,7	43,3	38,6	31,5	31,2	28,1	24,9	23,7	21,6
furniture	61,7	73,8	71,9	69,1	63,6	62,1	56,7	55,0	54,2
carpets and surfacing for floor and walls	15,2	9,9	28,7	44,6	44,4	51,7	47,5	48,1	46,1
houseware and tableware	40,2	42,6	36,8	33,7	33,4	35,9	32,8	30,4	24,6
electric appliances	20,9	8,1	8,8	8,9	10,5	14,8	11,4	11,0	10,7
building materials	59,0	65,1	64,8	68,3	68,6	70,9	64,4	66,9	62,1
detergents for washing, cleaning and caring	65,4	54,6	48,5	46,9	50,2	48,0	43,4	41,1	38,5
non-electric appliances	64,0	61,3	50,8	42,5	37,5	39,3	29,0	28,0	29,2
material and equipment for homework (including garden stock)	69,5	58,8	53,6	53,5	51,0	56,9	42,5	40,2	39,6
pharmaceuticals	57,6	56,5	54,9	53,9	53,3	52,4	52,1	50,8	50,8
banding material and patient-care items	64,6	68,4	66,1	61,9	60,9	57,8	56,4	52,9	57,2
goods medical and orthopaedic	55,2	35,9	39,6	38,0	42,5	42,2	42,3	43,4	42,3
optics for glasses	40,1	35,1	37,2	30,9	33,4	35,8	32,7	32,4	29,1
automobile gasoline	74,9	96,5	98,6	97,3	92,0	88,0	83,4	79,0	68,7
diesel fuel (gas oil)	74,3	99,7	99,4	98,5	94,4	88,1	83,3	74,6	66,0
lubricants		72,6	78,3	78,3	76,0	77,8	68,9	61,8	60,5
gas compressed and liquefied for automobiles	89,0	79,7
other articles of food, including flowers, plants, seeds, pets and forages for them	73,6 ¹	72,7 ¹	71,3 ¹	67,7 ¹	64,9 ¹	63,3 ¹	61,7 ¹	52,7	47,6

¹ Including gas compressed and liquefied for automobiles

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.17. Food products sold through retail trade of enterprises¹

(thsd.t)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Meat and meat products	2384	562	236	208	221	265	300	325	389	443	453	420	452	480	527
Butter	318	84	24	27	26	27	31	32	35	36	36	31	31	32	36
Oil vegetable	228	50	34	36	35	41	60	66	77	91	102	109	122	138	147
Rennet cheese, processed and lactic cheese	147	34	16	18	23	29	38	42	51	63	71	67	67	75	93
Eggs, mln.pcs	6883	1890	953	1113	1577	1475	1406	1341	1649	1791	2194	1986	2233	2601	2698
Sugar	1802	262	118	100	113	119	135	129	130	155	177	190	143	156	166
Confectionery	997	239	155	164	178	180	202	225	252	275	288	254	268	290	311
Tea	24	10	3	3	4	5	6	7	9	12	13	12	11	11	12
Flour, bread and bakery and macaroni products (in flour equivalent)	7568	3222	1493	1318	1191	1100	1044	953	952	948	933	845	807	834	837
Potatoes	1372	209	73	83	83	89	110	78	76	91	101	99	93	106	178
Vegetables	2342	397	139	131	128	137	156	151	183	205	210	247	253	327	444
Fruit, berries, grapes, nuts (including watermelons and melons)	449	94	70	63	72	130	133	148	203	230	237	254	332	363	443

¹ Before 2005, including food products sold through restaurants

12.18. Alcoholic beverages and tobacco products sold through retail trade and restaurant network of enterprises

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Alcoholic beverages															
in physical terms, mln.dal															
vodka and distilled alcoholic beverages	31	15	11	12	12	14	17	19	19	20	22	20	18	19	18
low alcohol beverages	2	3	3	4	4	5	5	6	7	6	6	6	6
wines	28	9	5	6	6	7	8	9	10	11	12	12	11	11	10
cognac	1	0,6	0,9	1	1	1	1	2	2	2	3	3	3	3	3
sparkling wines (champagne)	3	1	2	2	2	3	3	4	4	4	4	4	4	4	4
beer	133	36	28	30	33	36	42	51	61	68	70	64	67	71	78
absolute alcohol per capita, L	4,1	1,6	1,4	1,5	1,6	1,8	2,2	2,5	2,7	2,9	3,2	2,9	2,8	2,9	2,9
Tobacco products, bln.pcs	...	10,4	14,3	19,7	24,1	33,3	41,2	46,3	46,9	51,3	45,9	40,5	37,4	44,7	62,0

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.19. Per capita sales of alcoholic beverages, by region

(on absolute alcohol base; L)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	4,1	1,6	1,4	1,5	1,6	1,8	2,2	2,5	2,7	2,9	3,2	2,9	2,8	2,9	2,9
Autonomous Republic of Crimea	5,2 ¹	1,3	1,2	1,6	1,7	1,9	2,4	2,5	2,6	2,8	3,2	2,8	2,6	2,9	3,2
oblasts															
Vinnitsya	2,3	1,1	1,1	1,5	1,6	1,7	2,0	2,2	2,5	2,7	2,8	1,8	1,6	1,8	1,7
Volyn	3,4	1,8	1,5	1,9	2,0	2,6	2,6	3,2	3,6	3,6	3,4	3,5	3,1	2,5	2,4
Dnipro-petrovsk	4,1	1,4	1,3	1,4	1,3	1,8	2,3	2,4	2,6	2,8	3,2	3,1	3,2	3,3	3,7
Donetsk	4,9	1,4	1,1	1,2	1,2	1,4	1,3	1,5	1,9	2,0	2,3	2,0	2,1	2,4	2,7
Zhytomyr	2,8	2,6	1,5	1,5	1,7	2,1	2,2	2,7	3,0	3,3	3,4	3,0	2,7	2,6	2,4
Zakarpattia	5,8	1,9	1,9	1,9	2,1	2,1	2,5	3,1	3,4	2,8	2,8	2,5	2,2	2,3	1,8
Zaporizhzhya	4,5	2,2	1,6	1,6	1,7	1,9	2,2	2,0	2,4	2,9	3,3	2,9	2,6	3,0	3,0
Ivano-Frankivsk	4,0	2,3	1,0	1,0	1,0	1,1	1,3	1,9	2,0	2,3	2,4	2,3	2,1	2,2	2,1
Kyiv	2,3	1,1	0,8	0,8	0,9	0,9	1,1	1,4	2,4	3,6	3,1	3,3	3,0	3,4	3,8
Kirovohrad	3,1	1,1	0,9	0,9	1,0	1,1	1,5	1,7	2,2	2,3	2,7	2,6	2,6	2,6	2,8
Luhansk	4,6	1,1	0,7	0,7	0,7	0,8	1,0	1,1	1,2	1,4	1,6	1,5	1,5	1,7	1,8
Lviv	4,9	2,1	1,6	1,8	2,0	2,3	2,8	3,4	3,7	3,9	4,6	4,4	4,2	3,8	3,0
Mykolayiv	3,3	1,9	1,0	1,1	1,0	1,1	1,2	1,4	1,4	1,7	2,1	1,6	1,6	1,8	1,7
Odesa	4,0	1,7	0,9	1,0	1,3	1,4	1,7	2,0	2,4	2,6	2,8	3,0	3,0	3,3	3,5
Poltava	3,9	2,2	1,7	1,7	1,7	1,8	2,1	2,4	2,5	2,2	2,4	2,3	2,0	2,2	2,1
Rivne	3,0	1,9	1,4	1,8	1,9	1,9	2,2	2,8	3,1	3,5	3,4	2,5	2,2	2,3	1,8
Sumy	3,9	1,4	1,3	1,3	1,5	1,5	2,2	2,9	2,9	2,8	2,7	3,0	3,0	2,6	2,5
Ternopil	3,5	1,4	1,2	1,2	1,3	1,5	1,8	2,0	2,4	2,5	2,6	2,4	2,0	1,9	1,8
Kharkiv	4,4	0,9	2,2	2,6	2,9	3,3	3,5	3,4	3,7	3,9	4,7	4,3	3,7	3,7	3,5
Kherson	4,7	1,1	0,7	0,7	1,0	1,3	1,2	1,4	1,5	1,5	1,6	1,6	1,4	1,5	1,4
Khmelnyskiy	2,3	1,4	0,7	0,7	0,9	1,1	1,2	1,4	1,8	2,0	2,2	2,2	2,0	1,9	1,8
Cherkasy	2,8	1,3	1,0	1,0	0,9	1,1	2,0	1,5	1,6	1,8	1,8	1,4	1,6	1,6	1,5
Chernivtsi	2,9	1,2	1,7	1,7	2,0	2,0	2,0	2,3	2,5	3,1	3,1	2,7	2,4	2,4	2,2
Chernihiv	4,3	3,3	1,7	1,7	1,7	1,9	2,1	2,6	2,9	3,4	3,6	3,2	3,2	3,3	3,1
cities															
Kyiv	5,6	2,5	2,7	3,0	3,6	4,2	5,5	6,5	6,0	6,3	6,9	5,9	5,9	6,4	6,3
Sevastopol	...	1,5	2,2	2,8	3,4	3,9	4,4	4,9	5,5	5,4	6,2	5,9	4,4	5,0	5,4

¹ Including Sevastopol city

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.20. Retail trade enterprises and restaurants, by type of economic activity

(end of year)

	2000		2005		2010		2011		2012	
	units	percent of total	units	percent of total	units	percent of total	units	percent of total	units	percent of total
Retail trade in transportation means										
Total	1396	100,0	1276	100,0	1543	100,0	1569	100,0	1555	100,0
including enterprises that sell mainly										
cars, motorcycles	82	5,9	169	13,2	465	30,1	488	31,1	542	34,9
automobile goods	495	35,4	297	23,3	239	15,5	287	18,3	268	17,2
fuel	819	58,7	810	63,5	839	54,4	794	50,6	745	47,9
Retail trade (excluding trade in transportation means)										
Total	21974	100,0	14959	100,0	11675	100,0	11402	100,0	10500	100,0
including enterprises that sell mainly										
food products										
in specialised shops	1558	7,1	839	5,6	948	8,1	989	8,7	921	8,8
in non-specialised shops	10636	48,4	7690	51,4	5783	49,5	5509	48,3	5020	47,8
manufactured goods										
in specialised shops	7039	32,0	4998	33,4	4131	35,4	4099	35,9	3842	36,6
in non-specialised shops	2312	10,5	1219	8,2	689	5,9	681	6,0	603	5,7
not through shops	429	2,0	213	1,4	124	1,1	124	1,1	114	1,1
Restaurant										
Total	4849	100,0	4718	100,0	4744	100,0	4751	100,0	4343	100,0
restaurants	468	9,7	526	11,1	792	16,7	898	18,9	891	20,5
cafes	2906	59,9	3022	64,1	2803	59,1	2688	56,6	2384	54,9
bars	766	15,8	682	14,5	715	15,1	727	15,3	663	15,3
canteens and supply of ready-to-eat meals	709	14,6	488	10,3	434	9,1	438	9,2	405	9,3
Other economic activities										
Total	15839	×	16448	×	12087	×	11560	×	10532	×

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.21. Local units of retail trade and restaurants of enterprises

(end of year; thsd.)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Retail trade														
Total	133,7	103,2	96,4	89,3	83,8	78,5	75,2	73,6	71,9	69,2	65,3	64,8	64,2	62,2
Shops	109,5	77,9	72,3	66,8	62,3	58,3	55,8	54,6	52,3	50,5	47,6	48,0	48,4	47,2
in urban areas	61,3	48,1	44,9	42,1	39,5	37,6	36,8	36,9	36,1	35,4	33,7	34,6	35,7	35,8
in rural areas	48,2	29,8	27,4	24,7	22,8	20,7	19,0	17,7	16,2	15,1	13,9	13,4	12,7	11,4
Semi-movable trade outlets (kiosks, filling stations)	24,2	25,3	24,1	22,5	21,5	20,2	19,4	19,0	19,6	18,7	17,7	16,8	15,8	15,0
in urban areas	20,7	21,7	20,5	19,3	18,4	17,4	16,5	16,0	16,6	15,7	14,8	13,8	13,0	12,5
in rural areas	3,5	3,6	3,6	3,2	3,1	2,8	2,9	3,0	3,0	3,0	2,9	3,0	2,8	2,5
Per 10 thsd. population														
retail trade entities, units	26	21	20	19	18	17	16	16	16	15	14	14	14	14
shops' floor space, sq.m	2135	1437	1346	1261	1238	1264	1355	1468	1616	1753	1744	1842	1975	2040
Restaurants														
Total	40,3	33,1	32,0	30,6	28,9	27,9	27,3	26,8	26,1	24,9	24,0	23,4	22,9	21,6
in urban areas	29,4	22,9	22,4	21,8	20,7	19,9	19,2	18,8	18,2	17,4	16,3	15,9	15,7	14,6
in rural areas	10,9	10,2	9,6	8,8	8,2	8,0	8,1	8,0	7,9	7,5	7,7	7,5	7,2	7,0
Per 10 thsd. population														
restaurant entities, units	8	7	7	6	6	6	6	6	6	5	5	5	5	5
seats	548	392	380	369	361	358	361	360	361	354	353	348	344	334

12.22. Consumer goods markets

(end of year; units)

1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012			
													total	including		
														food products	manu-factured goods	mixed goods
1576	1282	2514	2863	2891	2869	2886	2890	2834	2785	2761	2758	2698	2647	368	643	1636

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.23. Local units of retail trade and restaurants of enterprises, by region

(end of year; thsd.)

	Retail trade							Restaurants						
	1990	1995	2000	2005	2010	2011	2012	1990	1995	2000	2005	2010	2011	2012
Ukraine	145,7	133,7	103,2	75,2	64,8	64,2	62,2	62,7	40,3	33,1	27,3	23,4	22,9	21,6
Autonomous Republic of Crimea	6,4	4,8	4,6	3,6	3,1	3,0	2,8	2,4	1,3	1,4	1,7	1,4	1,3	1,3
oblasts														
Vinnitsya	6,4	5,8	4,2	3,3	2,6	2,5	2,4	2,2	1,6	1,0	1,4	1,2	1,1	1,1
Volyn	3,1	3,4	2,4	1,9	1,5	1,6	1,6	1,5	1,2	1,3	1,2	1,0	1,0	0,9
Dnipro-petrovsk	8,3	8,1	6,4	5,1	4,5	4,3	4,1	4,2	2,8	2,0	1,6	1,2	1,2	1,2
Donetsk	11,7	10,6	8,9	5,9	5,3	5,2	5,2	5,8	3,7	2,9	2,1	1,7	1,6	1,5
Zhytomyr	5,0	4,6	3,4	2,4	2,0	1,9	1,9	2,0	1,4	1,0	0,7	0,6	0,5	0,4
Zakarpattia	3,8	3,5	2,9	2,1	1,7	1,6	1,4	2,1	1,5	1,2	0,8	0,6	0,5	0,4
Zaporizhzhya	5,0	4,3	3,8	2,8	2,4	2,3	2,3	2,4	1,6	1,3	0,9	0,7	0,7	0,6
Ivano-Frankivsk	4,4	4,4	3,0	1,9	1,7	1,7	1,6	2,1	1,6	1,0	0,8	0,6	0,6	0,5
Kyiv	5,4	4,6	3,9	2,9	2,9	2,9	2,9	2,0	1,4	1,3	1,0	0,9	0,8	0,7
Kirovohrad	4,2	3,7	2,8	2,1	1,9	1,8	1,6	1,4	1,0	0,7	0,5	0,4	0,4	0,4
Luhansk	7,4	6,0	4,2	3,0	2,8	2,8	2,6	3,3	1,9	1,3	1,0	0,7	0,7	0,6
Lviv	7,5	8,1	7,3	5,2	4,1	4,1	3,9	3,8	3,2	2,5	2,2	1,7	1,6	1,5
Mykolayiv	4,3	3,9	2,9	2,0	1,5	1,6	1,5	1,5	1,2	1,0	0,8	0,5	0,5	0,5
Odesa	7,7	6,5	5,4	4,0	3,3	3,3	3,2	3,1	1,6	1,4	1,2	1,0	0,9	0,8
Poltava	6,3	5,8	4,2	3,0	2,4	2,3	2,1	2,3	1,5	1,3	0,9	0,7	0,7	0,7
Rivne	3,6	3,4	2,2	1,7	1,6	1,6	1,6	1,5	0,9	0,9	0,7	0,6	0,8	0,8
Sumy	5,1	3,9	3,2	1,8	1,5	1,5	1,4	1,7	0,9	0,7	1,0	0,9	0,8	0,8
Ternopil	3,9	4,3	2,3	1,5	1,2	1,3	1,1	1,6	0,9	0,9	0,6	0,9	0,9	0,9
Kharkiv	7,3	9,0	5,9	4,0	3,6	3,6	3,8	3,6	2,1	2,1	1,5	1,6	1,7	1,7
Kherson	4,0	3,6	2,6	1,9	1,5	1,4	1,3	1,5	1,0	0,8	0,5	0,4	0,4	0,3
Khmelnyskiy	5,4	5,1	3,7	2,5	1,9	1,9	1,9	1,7	1,1	1,1	0,7	0,9	0,9	0,9
Cherkasy	4,6	3,6	3,1	2,1	1,8	1,9	1,8	1,9	1,0	0,9	0,6	0,4	0,4	0,4
Chernivtsi	2,7	2,5	1,7	1,2	0,9	1,0	1,0	1,2	0,8	0,6	0,4	0,4	0,4	0,3
Chernihiv	5,1	4,7	3,8	2,5	2,0	1,9	1,8	1,5	0,9	0,9	0,8	0,6	0,6	0,6
cities														
Kyiv	3,6	3,0	3,6	3,9	4,2	4,4	4,7	2,8	1,1	1,3	1,4	1,4	1,6	1,6
Sevastopol	0,7	0,6	0,8	0,9	0,9	0,8	0,7	0,3	0,2	0,3	0,3	0,4	0,3	0,2

WHOLESALE AND RETAIL TRADE, RESTAURANTS

12.24. Floor space of shops and seating capacity of restaurants (enterprises), by region

	Floor space of shops, thsd.sq.m							Number of seats in restaurant business, thsd.						
	1990	1995	2000	2005	2010	2011	2012	1990	1995	2000	2005	2010	2011	2012
Ukraine	11300	10950	7029	6359	8431	9013	9294	4467	2815	1916	1693	1595	1571	1521
Autonomous Republic of Crimea	459	384	268	230	277	322	306	169	91	80	77	70	68	66
oblasts														
Vinnitsya	444	458	246	217	235	240	245	142	101	66	96	83	80	75
Volyn	240	227	147	136	168	170	167	87	80	69	71	66	66	63
Dnipro-petrovsk	742	775	543	543	730	792	771	356	228	136	114	93	89	85
Donetsk	1171	1187	756	556	801	837	893	450	299	208	151	132	129	126
Zhytomyr	357	336	238	185	182	181	179	123	92	62	51	47	38	29
Zakarpattia	282	284	182	131	185	195	187	132	81	51	38	27	25	20
Zaporizh-zhya	431	401	269	238	374	392	407	170	106	73	55	44	42	40
Ivano-Frankivsk	286	290	158	124	169	171	184	144	102	50	42	33	33	31
Kyiv	437	390	250	207	313	344	368	131	96	78	66	68	67	67
Kirovohrad	310	281	156	131	139	146	149	93	69	43	38	33	32	32
Luhansk	641	596	315	238	304	345	356	244	149	87	73	60	60	56
Lviv	527	518	406	356	427	436	433	259	208	128	118	98	98	94
Mykolayiv	304	312	171	151	209	214	240	102	74	53	38	29	29	28
Odesa	499	482	322	474	513	576	613	222	92	67	65	63	55	49
Poltava	429	394	241	177	263	263	272	151	94	59	55	41	40	38
Rivne	276	284	146	122	179	203	210	98	64	56	46	42	52	44
Sumy	361	293	218	139	145	163	169	119	70	37	65	53	51	51
Ternopil	264	289	137	91	122	126	119	90	53	39	30	53	52	51
Kharkiv	595	566	412	383	545	589	587	289	157	122	92	116	115	118
Kherson	280	289	158	148	186	181	189	99	55	35	25	22	23	24
Khmel-nytskyi	404	424	233	187	206	227	224	126	73	59	43	68	67	64
Cherkasy	383	342	225	151	185	192	194	128	73	49	32	27	26	25
Chernivtsi	180	171	103	78	111	111	118	83	49	37	30	32	29	26
Chernihiv	350	319	234	168	159	186	191	92	58	49	41	34	33	36
cities														
Kyiv	411	445	427	714	1166	1254	1374	269	125	108	127	148	159	172
Sevastopol	65	70	68	84	138	157	149	34	22	15	14	13	13	11

13. SERVICES

Services are activities of entities that do not have the material form and meet the demands of the clients: individual, collective, public. Services are the result of the diversified activities of the producer according to the orders of any consumers (individual citizens, enterprises, organisations, businessmen).

The **amount of the sold services** (including the VAT). These are the amount of the services sold which is determined by the price of the sold produce (the services rendered) unloaded outwards enterprises. It is fixed in the documentation completed on the basis for the settlement with the customers

(clients). This includes the produce (services) according to the barter contracts, including indirect taxes (the VAT, excise taxes, etc).

Enterprises rendering services are classified in line with *the Classification of the Types of the Economic Activities*. The range of reporting enterprises includes legal persons (enterprises) and their separated business units that identified according to the main type of activity as a services enterprise.

The section gives information on the activities of the producers (enterprises) of non-financial services (excluding trade and the restaurant business).

13.1. Activity of service enterprises, by region

(mln. UAH)

	Services sold ¹								
	2002 ²	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	46971,0³	95832,3⁴	120910,2⁴	157005,1³	215801,3⁴	224583,6⁴	256406,0⁵	308160,6⁶	329175,2⁷
Autonomous Republic of Crimea	2341,0	4342,9	5322,4	6681,0	7446,6	7572,7	8336,3	9281,8	9702,1
oblasts									
Vinnitsya	800,4	1276,2	1629,0	1989,5	3722,7	3623,5	4000,1	4877,0	4770,9
Volyn	398,9	949,0	1219,7	1590,0	2018,1	1975,4	2108,3	2765,2	2740,3
Dnipropetrovsk	2972,6	5059,1	6669,9	8305,3	10281,6	11159,4	13782,1	18062,9	18974,3
Donetsk	3121,6	7256,4	9142,3	11807,4	13430,4	13481,0	15776,9	19273,6	21315,5
Zhytomyr	397,2	755,5	949,4	1188,2	2366,8	2297,7	2400,4	2691,3	2895,5
Zakarpattia	493,7	924,3	1319,7	1606,5	2060,5	2114,6	2277,2	2641,6	2780,6
Zaporizhzhya	1177,3	2265,3	2682,0	3449,7	3947,4	4034,7	4989,0	5891,3	6324,2
Ivano-Frankivsk	688,5	917,5	1164,7	1614,4	2188,4	2243,6	2339,8	2733,4	2731,1
Kyiv ⁸	821,5	1992,1	2661,7	3993,4	7725,0	7408,1	7879,2	9833,1	9353,6
Kirovohrad	662,8	1253,7	1662,7	2022,5	2606,4	2656,1	2877,2	3463,0	3742,7
Luhansk	1074,3	2039,8	2657,0	3429,2	3403,0	3281,1	3592,7	4407,2	5227,5
Lviv	2789,1	5280,3	6322,7	7432,5	9959,6	10085,3	11357,8	14034,3	14572,7
Mykolayiv	1051,8	1638,4	2187,4	2483,7	4150,9	5198,7	5711,4	6368,9	7118,0
Odesa	5320,7	9085,1	10822,7	13296,5	18520,3	21437,4	22220,5	25431,0	26449,0
Poltava	738,2	1407,6	1815,3	2461,0	2826,6	2986,6	2988,2	3951,1	4175,4
Rivne	601,5	1091,7	1392,0	1697,1	2228,8	2293,8	2578,9	3042,9	2969,4
Sumy	458,9	957,3	1191,5	1562,5	1793,3	1824,1	1795,9	2203,8	2484,5
Ternopil	324,0	609,2	774,2	967,4	1330,3	1358,4	1420,3	1670,6	2028,6
Kharkiv	2168,5	4724,2	6016,0	7607,5	8918,2	9138,7	9919,6	11974,1	13402,9
Kherson	768,1	1380,5	1624,3	2043,2	2418,8	2504,6	2569,2	3103,7	3324,8
Khmelnytskyi	457,8	739,0	896,7	1133,6	1666,3	1601,5	1755,4	2200,0	2372,4
Cherkasy	661,4	1038,3	1301,3	1666,6	2979,5	3038,2	3285,5	3532,3	4835,4
Chernivtsi	391,7	641,7	778,5	1009,7	1204,4	1230,4	1270,4	1525,7	1582,3
Chernihiv	418,2	862,9	1108,7	1311,5	2182,2	2192,2	2363,1	2674,7	2924,1

SERVICES

Table 13.1 continued

	Services sold ¹								
	2002 ²	2005	2006	2007	2008	2009	2010	2011	2012
cities									
Kyiv	9565,6	27562,6	35897,8	48079,3	74443,0	78312,0	91289,6	107113,5	117626,1
Sevastopol	376,5	742,7	877,3	1113,2	1278,4	1670,1	2051,1	2003,9	2305,4

¹ Including VAT

² In 2002 the survey did not cover R&D organisations

³ Undistributed by region services rendered by *International Airlines of Ukraine, Aerosvit and Boryspil International Airport*, services on gas, oil and ammonia transportation are included

⁴ Undistributed by region services rendered by *International Airlines of Ukraine, Aerosvit, Boryspil International Airport*, educational services, services on gas, oil and ammonia transportation are included

⁵ Undistributed by region services rendered by *International Airlines of Ukraine, Aerosvit, Ukraerorukh and Boryspil International Airport*, services on gas, oil and ammonia transportation are included

⁶ Undistributed by region services rendered by *International Airlines Crimea, Aerosvit, Ukraerorukh and Boryspil International Airport*, services on gas, oil and ammonia transportation are included

⁷ Undistributed by region services rendered by *Aerosvit, Ukraerorukh and Boryspil International Airport*, services on gas, oil and ammonia transportation are included

⁸ Volume of services by *Aerosvit, Ukraerorukh and Boryspil International Airport* is not included

In addition, in 2012 the services sold at market prices by budget-funded enterprises (institutions) services rendered by valued at 13564,3 UAH mln.

13.2. Services sold to the population, by region

	Services sold to the population ¹ , mln. UAH			Share of services sold to the population of total services sold, percent			Services sold per capita, UAH		
	2002	2010	2012	2002	2010	2012	2002	2010	2012
Ukraine	13589,6²	59660,0³	76593,7⁴	28,9	23,3	23,3	282	1301	1680
Autonomous Republic of Crimea	932,5	3594,0	4066,0	39,8	43,1	41,9	456	1808	2070
oblasts									
Vinnitsya	200,7	853,1	1043,7	25,1	21,3	21,9	114	518	640
Volyn	189,7	583,8	695,8	47,5	27,7	25,4	179	563	670
Dnipropetrovsk	955,6	3388,8	3954,1	32,1	24,6	20,8	269	1013	1193
Donetsk	932,8	3280,3	4064,9	29,9	20,8	19,1	194	737	926
Zhytomyr	171,6	601,3	707,8	43,2	25,0	24,4	124	469	557
Zakarpattia	148,4	559,7	673,9	30,1	24,6	24,2	118	449	538
Zaporizhzhya	530,0	1556,5	1922,4	45,0	31,2	30,4	276	862	1075
Ivano-Frankivsk	165,0	697,5	841,8	24,0	29,8	30,8	117	505	610
Kyiv ⁵	226,9	1399,2	1327,0	27,6	17,8	14,2	125	814	771
Kirovohrad	156,2	505,7	567,4	23,6	17,6	15,2	139	499	568
Luhansk	326,1	1128,7	1449,1	30,4	31,4	27,7	129	490	640
Lviv	811,2	2445,0	3028,0	29,1	21,5	20,8	310	960	1192
Mykolayiv	249,3	764,2	909,4	23,7	13,4	12,8	198	644	773
Odesa	892,5	3024,9	3804,8	16,8	13,6	14,4	363	1266	1591
Poltava	263,8	903,8	971,5	35,7	30,2	23,3	163	605	660
Rivne	179,9	584,5	603,4	29,9	22,7	20,3	154	507	522
Sumy	208,1	711,6	827,8	45,4	39,6	33,3	161	610	721
Ternopil	137,4	432,3	552,6	42,4	30,4	27,2	121	398	512
Kharkiv	1033,0	3061,0	3789,8	47,6	30,9	28,3	356	1108	1382
Kherson	188,6	631,8	754,2	24,6	24,6	22,7	162	579	698
Khmelnitskiy	219,7	585,8	682,8	48,0	33,4	28,8	154	440	518
Cherkasy	213,7	840,0	1000,5	32,3	25,6	20,7	153	651	786
Chernivtsi	168,9	459,3	566,1	43,1	36,2	35,8	184	508	625
Chernihiv	149,6	565,4	664,2	35,8	23,9	22,7	121	512	613
cities									
Kyiv	2972,8	21525,9	28921,2	31,1	23,6	24,6	1136	7709	10221
Sevastopol	134,9	539,1	527,7	35,8	26,3	22,9	377	1509	1380

¹ See the first footnote to Table 13.1

² Undistributed by region services rendered by *International Airlines of Ukraine, Aerosvit and Boryspil International Airport*, services on gas are included

³ Undistributed by region services rendered by *International Airlines of Ukraine, Aerosvit, Ukraerorukh and Boryspil International Airport*, services on gas are included

⁴ Undistributed by region services rendered by *Aerosvit, Ukraerorukh and Boryspil International Airport*, services on gas are included

⁵ See the eighth footnote to Table 13.1

SERVICES

13.3. Services, by type of economic activity

(mln. UAH)

	Services sold ¹				Services sold to the population ¹			
	2002	2005	2010	2012	2002	2005	2010	2012
Total	46971,0	95832,3	256406,0	329175,2	13589,6	27376,9	59660,0	76593,7
of which								
Trade; repair of motor vehicles, household appliances and personal demand items	319,3	656,7	1614,3	2016,8	134,0	221,6	523,3	602,0
maintenance and servicing of motor vehicles, motorcycles	242,0	531,0	1326,3	1754,4	90,0	166,4	442,1	530,9
repair of household appliances and personal demand items	77,3	125,7	288,0	262,4	44,0	55,2	81,2	71,1
Hotels and restaurants	790,3	1633,3	4248,3	5600,6	465,5	1024,8	2738,2	3311,6
activity of hotels and supply of other places for staying	790,3	1633,3	4248,3	5600,6	465,5	1024,8	2738,2	3311,6
Transport and communications	34947,6	63979,3	148680,5	188382,5	8621,2	17811,1	35790,2	44150,1
transport	21883,0	34294,9	86012,2	112514,2	3576,9	7207,2	16365,8	23733,6
travel services	400,4	963,9	3179,9	3540,3	191,0	474,1	1495,9	1369,0
goods transport management	1028,9	2758,3	10634,2	18137,5	37,8	20,3	37,3	37,2
post and communication services	11635,3	25962,2	48854,3	54190,5	4815,5	10109,5	17891,2	19010,3
Real estate transactions, renting, engineering and provision of services to businessmen	6530,3	20055,1	78678,8	101323,5	1844,5	3164,6	9478,9	12063,1

SERVICES

Table 13.3 continued

	Services sold ¹				Services sold to the population ¹			
	2002	2005	2010	2012	2002	2005	2010	2012
real estate transactions	2217,0	5152,8	24345,9	32928,1	1329,6	2270,8	6693,6	9076,4
renting of machinery and equipment	124,6	722,0	2128,1	2976,7	5,2	11,3	27,7	32,0
hiring of household appliances and personal demand items	10,8	11,8	25,7	31,1	9,6	6,9	5,9	3,2
informatisation activity	466,1	1183,3	6404,4	9920,0	47,9	139,2	439,1	493,1
maintenance, repair of office, computer equipment and other activity in informatisation	80,7	168,3	629,6	822,9	2,8	7,0	18,2	13,2
research and development ²	—	1672,3	4630,1	5203,3	—	32,3	72,5	68,8
legal, accounting and auditing activity, business and management consulting	652,5	1845,5	9044,0	8302,7	93,6	66,4	305,1	98,8
engineering, geology and land-surveying	1110,5	3246,5	9463,7	11411,9	168,8	423,4	1114,4	1337,8
technical testing and research	163,8	379,0	1124,0	1809,1	7,4	15,8	69,6	36,6
advertising	622,5	2857,7	10171,8	14705,2	13,8	10,8	47,0	266,0
recruitment and staffing	50,7	124,6	871,5	1324,2	12,9	21,5	37,6	36,5
making an investigation and safeguarding	507,1	1396,4	4382,6	5891,9	11,6	33,8	142,3	184,6
cleaning of industrial and residential premises, equipment and means of transport	16,1	102,8	636,7	1015,6	1,0	4,7	37,9	40,3

SERVICES

Table 13.3 continued

	Services sold ¹				Services sold to the population ¹			
	2002	2005	2010	2012	2002	2005	2010	2012
photography	40,2	39,8	22,8	14,2	32,8	33,3	12,8	7,9
packing	8,2	35,6	166,2	68,2	0,1	0,0	0,2	0,0
provision of secretarial and translation services	10,4	16,5	98,0	159,9	5,3	2,4	7,2	4,2
provision of other commercial services	449,1	1100,2	4533,7	4738,5	102,1	85,0	447,8	363,7
Education	1156,2	1940,4	3373,1	3342,1	1014,1	1736,6	2961,9	2987,9
Health care and provision of social aid	1345,9	2511,0	6774,1	8511,5	563,6	1175,1	3779,5	5172,9
health care of human beings	1317,4	2485,7	6750,0	8482,6	543,2	1161,2	3768,1	5153,5
veterinary activity	28,0	24,5	21,2	27,0	20,1	13,1	9,7	17,5
provision of social aid	0,5	0,8	2,9	1,9	0,3	0,8	1,7	1,9
Provision of communal and individual services; cultural and sporting activity	1881,4	5056,5	13036,9	19998,2	946,7	2243,1	4388,1	8306,1
sanitary services, street cleaning and refuse disposal	477,6	891,5	3277,8	3710,3	86,3	135,8	1013,3	1147,7
cultural, sporting, recreational and entertainment activities	1003,1	3546,1	8588,1	14955,6	589,4	1670,6	2576,6	6201,4
provision of individual services	365,8	581,9	1138,6	1298,8	265,9	434,6	796,7	955,2

¹ See the first footnote to Table 13.1

² See the second footnote to Table 13.1

SERVICES

13.4. Structure of services, by type of economic activity

(percent)

	Services sold						Services sold to the population					
	2002	2005	2009	2010	2011	2012	2002	2005	2009	2010	2011	2012
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
of which												
Trade; repair of motor vehicles, household appliances and personal demand items	0,7	0,7	0,7	0,6	0,6	0,6	1,0	0,8	1,0	0,9	0,9	0,8
maintenance and servicing of motor vehicles, motorcycles	0,5	0,6	0,6	0,5	0,5	0,5	0,7	0,6	0,8	0,8	0,8	0,7
repair of household appliances and personal demand items	0,2	0,1	0,1	0,1	0,1	0,1	0,3	0,2	0,2	0,1	0,1	0,1
Hotels and restaurants	1,7	1,7	1,5	1,7	1,6	1,7	3,4	3,7	4,2	4,6	4,4	4,3
activity of hotels and supply of other places for staying	1,7	1,7	1,5	1,7	1,6	1,7	3,4	3,7	4,2	4,6	4,4	4,3
Transport and communications	74,4	66,8	59,7	58,0	58,5	57,2	63,4	65,0	60,6	60,0	59,7	57,6
transport	46,6	35,8	33,2	33,5	35,6	34,2	26,3	26,3	25,1	27,4	31,2	31,0
travel services	0,8	1,0	1,3	1,2	1,2	1,1	1,4	1,7	3,0	2,5	2,4	1,8
goods transport management	2,2	2,9	4,0	4,1	4,8	5,5	0,3	0,1	0,1	0,1	0,2	0,0
post and communication services	24,8	27,1	21,2	19,1	16,9	16,4	35,4	36,9	32,4	30,0	25,9	24,8
Real estate transactions, renting, engineering and provision of services to businessmen	13,9	21,0	29,2	30,7	30,3	30,8	13,6	11,5	15,3	15,9	15,5	15,8
real estate transactions	4,7	5,4	8,8	9,5	9,6	10,0	9,8	8,3	10,9	11,2	11,6	11,9
renting of machinery and equipment	0,3	0,8	0,8	0,8	0,9	0,9	0,0	0,0	0,1	0,0	0,1	0,0
hiring of household appliances and personal demand items	0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,0	0,1	0,0	0,0	0,0
informatisation activity	1,0	1,2	2,4	2,5	2,7	3,0	0,4	0,5	0,7	0,7	0,6	0,6
maintenance, repair of office, computer equipment and other activity in informatisation	0,2	0,2	0,2	0,3	0,2	0,3	0,0	0,0	0,0	0,0	0,0	0,0
research and development ¹	—	1,8	1,5	1,8	1,7	1,6	—	0,1	0,1	0,1	0,1	0,1
legal, accounting and auditing activity, business and management consulting	1,4	1,9	3,6	3,5	2,9	2,5	0,7	0,3	0,4	0,5	0,1	0,1

SERVICES

Table 13.4 continued

	Services sold						Services sold to the population					
	2002	2005	2009	2010	2011	2012	2002	2005	2009	2010	2011	2012
engineering, geology and land-surveying	2,4	3,4	3,6	3,7	3,6	3,5	1,2	1,6	1,9	1,9	1,8	1,8
technical testing and research	0,3	0,4	0,4	0,4	0,4	0,5	0,1	0,1	0,1	0,1	0,1	0,1
advertising	1,3	3,0	3,7	4,0	4,1	4,5	0,1	0,0	0,0	0,1	0,1	0,3
recruitment and staffing	0,1	0,1	0,2	0,3	0,4	0,4	0,1	0,1	0,1	0,1	0,1	0,1
making an investigation and safeguarding	1,1	1,5	1,8	1,7	1,7	1,8	0,1	0,1	0,2	0,3	0,2	0,2
cleaning of industrial and residential premises, equipment and means of transport	0,0	0,1	0,2	0,3	0,3	0,3	0,0	0,0	0,0	0,1	0,0	0,1
photography	0,1	0,0	0,0	0,0	0,0	0,0	0,2	0,1	0,0	0,0	0,0	0,0
packing	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
provision of secretarial and translation services	0,0	0,0	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,0
provision of other commercial services	1,0	1,2	2,0	1,8	1,8	1,4	0,8	0,3	0,7	0,8	0,7	0,5
Education	2,4	2,0	1,4	1,3	1,2	1,0	7,5	6,4	5,2	5,0	4,4	3,9
Health care and provision of social aid	2,9	2,6	2,7	2,6	2,6	2,6	4,1	4,4	6,0	6,3	7,2	6,8
activity in health care of human beings	2,8	2,6	2,7	2,6	2,6	2,6	4,0	4,3	6,0	6,3	7,2	6,8
veterinary activity	0,1	0,0	0,0	0,0	0,0	0,0	0,1	0,1	0,0	0,0	0,0	0,0
provision of social aid	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Provision of communal and individual services; cultural and sporting activity	4,0	5,2	4,8	5,1	5,2	6,1	7,0	8,2	7,7	7,3	7,9	10,8
sanitary services, street cleaning and refuse disposal	1,0	0,9	1,1	1,3	1,1	1,1	0,6	0,5	1,2	1,6	1,4	1,5
cultural, sporting, recreational and entertainment activities	2,1	3,7	3,2	3,3	3,7	4,5	4,3	6,1	5,2	4,3	5,2	8,1
provision of individual services	0,8	0,6	0,5	0,4	0,4	0,4	2,0	1,6	1,3	1,3	1,3	1,2

¹ See the second footnote to Table 13.1

SERVICES

13.5. Indices for the sold services, by region

(at comparable prices; percent of the previous year)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	107,3	116,1	124,4	116,4	113,5	115,7	112,8	88,9	103,2	112,0	100,8
Autonomous Republic of Crimea	107,7	120,1	111,2	105,7	109,5	114,5	106,3	86,1	101,4	104,0	99,4
oblasts											
Vinnytsya	107,2	111,5	110,0	111,0	112,3	104,6	109,9	85,3	103,8	118,1	92,9
Volyn	109,5	112,1	115,4	121,0	114,5	110,1	107,6	85,7	99,3	123,5	93,7
Dnipropetrovsk	120,4	108,7	123,4	111,7	117,7	103,2	111,0	91,1	111,3	119,8	97,9
Donetsk	109,8	113,3	124,8	118,5	112,7	107,6	110,6	87,5	108,5	110,9	103,5
Zhytomyr	108,4	112,7	117,7	117,8	112,0	109,1	107,6	87,9	99,2	107,5	102,0
Zakarpattia	106,4	115,3	120,1	127,3	115,7	112,6	114,4	89,7	100,4	111,2	99,0
Zaporizhzhya	107,3	105,8	117,4	111,7	109,7	113,2	105,6	87,1	115,9	108,7	101,7
Ivano-Frankivsk	111,5	111,9	113,5	128,2	109,6	114,0	112,4	89,2	99,9	108,3	95,0
Kyiv	116,1	124,9	135,8	114,4	117,0	132,4	126,1	83,5	101,0	116,7	88,7
Kirovohrad	113,0	109,3	118,8	115,3	115,8	105,8	116,3	88,9	103,3	108,2	99,4
Luhansk	106,6	107,2	118,2	122,9	116,1	112,0	105,9	83,5	102,5	111,7	108,6
Lviv	113,1	120,4	122,6	118,2	103,0	100,9	114,6	84,5	104,5	115,2	96,9
Mykolayiv	109,2	102,2	118,8	114,5	120,0	101,3	126,0	108,1	102,5	102,8	105,0
Odesa	112,9	109,5	115,2	116,4	111,1	108,9	120,4	95,6	94,8	102,9	97,7
Poltava	86,9	111,5	117,2	126,3	122,5	119,4	108,4	92,7	95,0	122,4	99,2
Rivne	114,4	113,0	112,0	112,7	113,0	107,7	108,4	88,3	102,0	108,5	90,4
Sumy	106,5	108,2	121,1	113,6	113,2	112,4	108,5	85,2	91,0	115,3	106,2
Ternopil	109,5	111,3	115,8	112,7	114,6	111,6	107,4	89,1	98,8	107,9	112,9
Kharkiv	91,4	121,2	118,4	116,3	113,8	106,6	114,2	84,3	99,2	113,1	101,2
Kherson	99,2	106,4	114,1	110,0	105,8	106,9	110,5	89,2	94,2	111,4	102,3
Khmelnyskiy	112,4	114,8	115,3	102,6	117,7	112,2	111,7	83,8	103,1	116,2	101,7
Cherkasy	104,9	114,9	112,7	119,0	112,3	105,4	106,5	91,2	101,7	102,5	130,0
Chernivtsi	107,6	104,3	104,3	121,3	109,4	116,4	106,1	88,1	94,6	114,8	98,5
Chernihiv	106,3	108,9	114,2	124,3	115,0	102,1	106,6	87,3	101,4	109,0	103,5
cities											
Kyiv	122,4	130,0	148,0	128,1	118,3	123,1	113,9	88,8	107,4	109,7	104,0
Sevastopol	111,2	111,5	112,8	115,6	102,0	97,0	115,0	116,6	112,1	91,8	111,8

14. ENTREPRENEURSHIP DEVELOPMENT

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 2010/2012 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 Economic Code of Ukraine as worded as of March 22, 2012, namely:

micro enterprises are entities of any organizational 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.

Information is given by type of economic activity according to *the Classification of Types of Economic Activity* (State Classifier 009:2010) approved by decree 457 of the State Consumer Standard of Ukraine as from October 11, 2010 and which is harmonized with *the Classification of Types of Economic Activity of the European Union* (NACE, Rev. 2-2006).

The information for 2012 is detailed by type of economic activities; it is resulted without taking into account changes of the major type of economic activity of enterprises.

ENTREPRENEURSHIP DEVELOPMENT

14.1. Basic structural indicators of business entities activity¹

	2010	2011	2012
Number of business entities			
Total, thsd.	2183,9	1701,6	1600,1
enterprises			
percent of total entities	17,3	22,1	22,8
per 10 thsd. present population, units	83	82	80
natural persons-entrepreneurs			
percent of total entities	82,7	77,9	77,2
per 10 thsd. present population, units	394	290	271
Number of persons employed			
Total, thsd.	10772,7	10164,5	9948,0
enterprises			
thsd.	7958,2	7793,1	7670,1
percent of total persons employed	73,9	76,7	77,1
natural persons-entrepreneurs			
thsd.	2814,5	2371,4	2277,9
percent of total persons employed	26,1	23,3	22,9
Number of employees			
Total, thsd.	8845,8	8757,9	8611,2
enterprises			
thsd.	7836,4	7712,4	7568,5
percent of total employees	88,6	88,1	87,9
natural persons-entrepreneurs			
thsd.	1009,4	1045,5	1042,7
percent of total employees	11,4	11,9	12,1
Volume of the sold products (goods, services)			
Total, mln. UAH	3596646,4	4202455,2	4468843,4
enterprises			
mln.UAH	3366228,2	3991239,4	4212194,2
percent of total volume of the sold products (goods, services)	93,6	95,0	94,3
natural persons-entrepreneurs			
mln.UAH	230418,2	211215,8	256649,2
percent of total volume of the sold products (goods, services)	6,4	5,0	5,7

¹ Excluding banks and budgetary institutions and including on natural persons-entrepreneurs data generated by the State Tax Service of Ukraine

ENTREPRENEURSHIP DEVELOPMENT

14.2. Basic structural indicators of business entities, by type of economic activity

	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	2183,9	17,3	82,7	10772,7	73,9	26,1
	2011	1701,6	22,1	77,9	10164,5	76,7	23,3
	2012	1600,1	22,8	77,2	9948,0	77,1	22,9
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	68,6	69,6	30,4	772,9	94,9	5,1
Industry	2010	152,0	31,5	68,5	3291,9	93,9	6,1
	2011	122,3	38,8	61,2	3220,8	94,6	5,4
	2012	118,4	40,3	59,7	3209,4	94,3	5,7
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	50,3	66,7	33,3	427,4	93,3	6,7
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	842,2	12,2	87,8	2571,7	47,2	52,8
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	87,0	17,5	82,5	1072,1	86,0	14,0
Accommodation and food service activities	2010	50,0	19,5	80,5	249,3	54,0	46,0
	2011	42,8	23,1	76,9	242,2	53,1	46,9
	2012	44,1	21,5	78,5	256,9	50,4	49,6
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	283,4	78,5	21,5
Financial and insurance activities	2010	14,4	39,7	60,3	91,6	89,3	10,7
	2011	11,2	50,0	50,0	86,3	92,2	7,8
	2012	10,5	48,6	51,4	77,0	92,1	7,9
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	79,5	37,6	62,4	287,1	76,2	23,8
Professional, scientific and technical activities	2010	120,7	26,7	73,3	405,1	74,2	25,8
	2011	93,5	35,3	64,7	366,0	79,2	20,8
	2012	87,2	35,3	64,7	353,7	80,2	19,8
Administrative and support service activities	2010	72,5	22,1	77,9	337,9	78,5	21,5
	2011	56,4	29,8	70,2	329,8	82,6	17,4
	2012	38,2	40,6	59,4	292,3	87,5	12,5
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	29,6	70,4	35,3	77,5	22,5
Human health and social work activities	2010	18,3	25,7	74,3	112,1	81,5	18,5
	2011	16,4	29,7	70,3	113,6	82,7	17,3
	2012	16,5	28,3	71,7	113,8	82,4	17,6
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	9,4	23,2	76,8	49,1	73,7	26,3
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	74,3	6,0	94,0	145,9	25,2	74,8

ENTREPRENEURSHIP DEVELOPMENT

Table 14.2 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	8845,8	88,6	11,4	3596646,4	93,6	6,4
	2011	8757,9	88,1	11,9	4202455,2	95,0	5,0
	2012	8611,2	87,9	12,1	4468843,4	94,3	5,7
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	719,5	97,4	2,6	168732,9	97,2	2,8
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	3125,8	96,4	3,6	1524456,7	98,8	1,2
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	404,1	97,0	3,0	143906,4	97,5	2,5
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	1811,3	65,9	34,1	1821198,4	91,2	8,8
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	997,2	92,1	7,9	223113,2	92,6	7,4
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	220,3	57,9	42,1	22448,8	67,1	32,9
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	227,4	96,6	3,4	92880,1	88,5	11,5
Financial and insurance activities	2010	81,9	98,5	1,5	260208,0	98,7	1,3
	2011	79,7	98,6	1,4	279941,3	99,0	1,0
	2012	70,9	99,1	0,9	252717,6	99,3	0,7
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	230,4	91,9	8,1	61786,4	84,0	16,0
Professional, scientific and technical activities	2010	309,5	94,8	5,2	60262,7	87,4	12,6
	2011	298,2	94,7	5,3	63249,2	90,1	9,9
	2012	290,9	95,3	4,7	89040,9	88,5	11,5
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	266,2	94,8	5,2	38141,1	89,3	10,7
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	29,8	90,6	9,4	2401,4	76,3	23,7
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	101,2	91,9	8,1	10031,8	85,2	14,8
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	41,1	86,2	13,8	9082,7	87,7	12,3
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	75,1	47,7	52,3	8905,0	37,1	62,9

¹ See the footnote to Table 14.1

ENTREPRENEURSHIP DEVELOPMENT

14.3. Distribution of basic structural 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
Agriculture, forestry and fishing	2010	3,7	13,4	1,6	7,5	9,7	1,5
	2011	3,6	11,1	1,5	7,4	9,2	1,5
	2012	4,3	13,1	1,7	7,8	9,6	1,7
Industry	2010	7,0	12,6	5,8	30,6	38,9	7,1
	2011	7,2	12,6	5,6	31,7	39,1	7,4
	2012	7,4	13,1	5,7	32,3	39,5	8,0
Construction	2010	3,4	10,1	2,1	4,9	5,9	1,8
	2011	3,5	10,0	1,6	4,6	5,6	1,5
	2012	3,1	9,2	1,4	4,3	5,2	1,2
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	54,8	29,1	60,2	27,5	15,6	61,1
	2011	54,1	29,7	61,1	26,6	16,0	61,3
	2012	52,6	28,2	59,8	25,8	15,8	59,6
Transportation and storage, postal and courier activities	2010	6,7	3,6	7,3	10,5	11,7	7,3
	2011	5,9	3,9	6,4	10,7	11,8	6,9
	2012	5,4	4,2	5,8	10,8	12,0	6,6
Accommodation and food service activities	2010	2,3	2,6	2,2	2,3	1,7	4,1
	2011	2,5	2,6	2,5	2,4	1,7	4,8
	2012	2,7	2,6	2,8	2,6	1,7	5,6
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	3,0	2,1
	2012	4,2	3,7	4,3	2,8	2,9	2,7
Financial and insurance activities	2010	0,7	1,5	0,5	0,9	1,0	0,4
	2011	0,7	1,5	0,4	0,9	1,0	0,3
	2012	0,7	1,4	0,4	0,8	0,9	0,3
Real estate activities	2010	2,3	7,3	1,3	2,6	3,1	1,1
	2011	2,8	7,7	1,4	2,5	2,9	1,2
	2012	5,0	8,2	4,0	2,9	2,8	3,0
Professional, scientific and technical activities	2010	5,5	8,5	4,9	3,8	3,8	3,7
	2011	5,5	8,8	4,6	3,6	3,7	3,2
	2012	5,5	8,4	4,6	3,5	3,7	3,1
Administrative and support service activities	2010	3,3	4,2	3,1	3,1	3,3	2,6
	2011	3,3	4,5	3,0	3,2	3,5	2,4
	2012	2,4	4,2	1,8	2,9	3,3	1,6
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	0,5	0,6	0,4	0,4	0,4	0,3
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	1,1	1,2	0,9
Arts, entertainment and recreation	2010	0,5	0,6	0,5	0,4	0,4	0,5
	2011	0,6	0,6	0,6	0,4	0,4	0,5
	2012	0,6	0,6	0,6	0,5	0,5	0,6
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	4,6	1,2	5,7	1,5	0,5	4,8

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Table 14.3 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
Agriculture, forestry and fishing	2010	8,4	9,3	1,4	2,9	3,0	1,6
	2011	8,3	9,2	1,6	3,1	3,2	1,7
	2012	8,3	9,3	1,8	3,8	3,9	1,8
Industry	2010	35,9	39,3	9,5	32,6	34,4	6,3
	2011	35,8	39,4	9,6	35,2	36,7	6,6
	2012	36,3	39,8	10,8	34,1	35,7	7,3
Construction	2010	5,4	5,9	1,5	2,8	2,9	2,3
	2011	5,0	5,5	1,3	3,0	3,0	2,1
	2012	4,7	5,2	1,2	3,2	3,3	1,4
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	20,9	15,5	62,7	43,2	41,8	64,7
	2011	21,3	15,8	61,6	40,9	39,8	63,3
	2012	21,0	15,8	59,2	40,7	39,4	62,4
Transportation and storage, postal and courier activities	2010	11,3	11,8	7,1	4,5	4,3	7,1
	2011	11,4	11,9	7,5	4,8	4,6	7,4
	2012	11,6	12,1	7,5	5,0	4,9	6,5
Accommodation and food service activities	2010	2,3	1,7	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
Information and communication	2010	2,7	3,0	0,8	2,0	1,9	3,1
	2011	2,7	3,0	0,8	2,0	1,9	3,9
	2012	2,6	2,9	0,7	2,1	2,0	4,2
Financial and insurance activities	2010	0,9	1,0	0,1	7,2	7,6	1,5
	2011	0,9	1,0	0,1	6,7	6,9	1,4
	2012	0,8	0,9	0,1	5,7	6,0	0,7
Real estate activities	2010	2,8	3,0	0,8	1,2	1,1	2,5
	2011	2,6	2,9	0,9	1,1	1,0	2,5
	2012	2,7	2,8	1,8	1,4	1,2	3,8
Professional, scientific and technical activities	2010	3,5	3,7	1,6	1,7	1,6	3,3
	2011	3,4	3,7	1,5	1,5	1,4	3,0
	2012	3,4	3,7	1,3	2,0	1,9	4,0
Administrative and support service activities	2010	3,1	3,3	1,6	0,8	0,7	2,1
	2011	3,3	3,5	1,7	0,8	0,8	2,0
	2012	3,1	3,3	1,3	0,8	0,8	1,6
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
Human health and social work activities	2010	1,1	1,2	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
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
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	0,9	0,5	3,8	0,2	0,1	2,2

¹ See the footnote to Table 14.1

ENTREPRENEURSHIP DEVELOPMENT

14.4. Basic structural indicators of enterprises, by size¹

	2010	2011	2012
Number of enterprises			
Total, units	378810	375695	364935
large enterprises			
units	586	659	698
percent of total entities	0,2	0,2	0,2
per 10 thsd. present population, units	0	0	0
middle-sized enterprises			
units	20983	20753	20189
percent of total entities	5,5	5,5	5,5
per 10 thsd. present population, units	5	5	4
small enterprises			
units	357241	354283	344048
percent of total entities	94,3	94,3	94,3
per 10 thsd. present population, units	78	77	76
of which micro enterprises			
units	300445	295815	286461
percent of total entities	79,3	78,7	78,5
per 10 thsd. present population, units	66	65	63
Number of persons employed			
Total, thsd.	7958,2	7793,1	7670,1
large enterprises			
thsd.	2400,3	2449,0	2484,2
percent of total persons employed	30,2	31,4	32,4
middle-sized enterprises			
thsd.	3393,3	3252,6	3144,2
percent of total persons employed	42,6	41,7	41,0
small enterprises			
thsd.	2164,6	2091,5	2041,7
percent of total persons employed	27,2	26,9	26,6
of which micro enterprises			
thsd.	832,6	788,9	787,6
percent of total persons employed	10,5	10,1	10,3
Number of employees			
Total, thsd.	7836,4	7712,4	7568,5
large enterprises			
thsd.	2400,3	2449,0	2484,1
percent of total employees	30,6	31,7	32,8
middle-sized enterprises			
thsd.	3392,4	3251,6	3141,9
percent of total employees	43,3	42,2	41,5
small enterprises			
thsd.	2043,7	2011,8	1942,5
percent of total employees	26,1	26,1	25,7
of which micro enterprises			
thsd.	762,0	757,4	733,8
percent of total employees	9,7	9,8	9,7
Volume of the sold products (goods, services)			
Total, mln. UAH	3366228,2	3991239,4	4212194,2
large enterprises			
mln.UAH	1401596,8	1775829,0	1772476,9
percent of total volume of the sold products (goods, services)	41,6	44,5	42,1
middle-sized enterprises			
mln.UAH	1396364,3	1607628,2	1769225,7
percent of total volume of the sold products (goods, services)	41,5	40,3	42,0
small enterprises			
mln.UAH	568267,1	607782,4	670491,6
percent of total volume of the sold products (goods, services)	16,9	15,2	15,9
of which micro enterprises			
mln.UAH	181903,1	189799,1	211850,6
percent of total volume of the sold products (goods, services)	5,4	4,8	5,0

¹ Excluding banks and budgetary institutions

14.5. Basic structural indicators of enterprises, by size and 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
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	47791	0,0	6,6	93,4	82,0
Industry	2010	47827	0,7	12,8	86,5	64,3
	2011	47479	0,9	12,6	86,5	63,7
	2012	47747	0,9	12,1	87,0	64,0
Construction	2010	38215	0,0	3,9	96,1	79,9
	2011	37544	0,0	3,9	96,1	79,5
	2012	33555	0,0	4,0	96,0	77,9
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	102969	0,2	4,0	95,8	81,9
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	15219	0,2	8,4	91,4	70,5
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	9460	0,0	4,4	95,6	76,1
Information and communication	2010	13189	0,1	3,1	96,8	81,3
	2011	14372	0,1	3,0	96,9	81,7
	2012	13474	0,1	3,2	96,7	79,6
Financial and insurance activities	2010	5703	0,2	7,7	92,1	78,9
	2011	5594	0,1	8,1	91,8	78,6
	2012	5078	0,2	9,8	90,0	75,5
Real estate activities	2010	27603	0,0	2,7	97,3	83,7
	2011	28783	0,0	2,5	97,5	84,1
	2012	29895	0,0	2,5	97,5	85,8
Professional, scientific and technical activities	2010	32188	0,0	2,9	97,1	85,4
	2011	32962	0,0	2,8	97,2	86,3
	2012	30748	0,0	2,8	97,2	85,7
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	15499	0,0	6,4	93,6	74,5
Education	2010	2454	0,0	4,4	95,6	76,4
	2011	2434	—	3,9	96,1	77,4
	2012	2171	—	3,7	96,3	76,7
Human health and social work activities	2010	4684	—	6,3	93,7	71,5
	2011	4883	—	5,9	94,1	71,4
	2012	4666	—	6,1	93,9	69,0
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	2176	0,2	5,9	93,9	78,4
Other services	2010	4658	—	2,0	98,0	79,2
	2011	4669	—	1,8	98,2	79,7
	2012	4487	—	1,7	98,3	79,8

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Table 14.5 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	7670,1	32,4	41,0	26,6	10,3
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	733,4	6,8	61,1	32,1	12,1
Industry	2010	3091,8	45,3	43,0	11,7	3,0
	2011	3045,9	47,2	41,5	11,3	2,9
	2012	3026,2	47,9	40,7	11,4	3,2
Construction	2010	472,1	2,7	44,3	53,0	19,2
	2011	432,7	2,6	45,5	51,9	18,6
	2012	398,7	2,6	46,2	51,2	18,3
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	1214,7	25,1	33,6	41,3	18,4
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	921,8	58,6	29,8	11,6	3,5
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	129,6	... ²	... ²	49,0	18,2
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	222,5	38,5	25,3	36,2	14,6
Financial and insurance activities	2010	81,8	23,3	44,6	32,1	14,5
	2011	79,6	25,4	43,2	31,4	14,9
	2012	70,9	23,5	44,9	31,6	15,0
Real estate activities	2010	242,8	... ²	... ²	64,2	26,9
	2011	227,9	... ²	... ²	65,3	28,0
	2012	218,7	... ²	... ²	64,8	30,8
Professional, scientific and technical activities	2010	300,5	2,1	47,0	50,9	24,9
	2011	289,8	2,8	45,4	51,8	25,4
	2012	283,5	3,7	45,3	51,0	25,9
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	255,9	... ²	... ²	40,5	12,7
Education	2010	35,7	... ²	... ²	48,6	17,1
	2011	33,6	—	49,1	50,9	18,1
	2012	27,4	—	44,0	56,0	20,8
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	93,8	—	58,7	41,3	13,8
Arts, entertainment and recreation	2010	28,5	... ²	... ²	35,5	14,3
	2011	31,9	... ²	... ²	34,9	13,2
	2012	36,2	16,4	52,8	30,8	11,3
Other services	2010	42,5	—	24,7	75,3	29,9
	2011	40,7	—	23,6	76,4	30,7
	2012	36,8	—	24,0	76,0	31,2

ENTREPRENEURSHIP DEVELOPMENT

Table 14.5 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	7568,5	32,8	41,5	25,7	9,7
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	700,9	7,1	63,9	29,0	10,4
Industry	2010	3082,5	45,5	43,1	11,4	2,9
	2011	3037,1	47,3	41,6	11,1	2,8
	2012	3013,3	48,2	40,8	11,0	2,8
Construction	2010	462,8	2,8	45,1	52,1	18,9
	2011	423,6	2,7	46,4	50,9	18,2
	2012	392,1	2,7	46,9	50,4	18,0
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	1193,6	25,6	34,1	40,3	17,9
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	918,7	58,8	29,9	11,3	3,4
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	127,6	... ²	... ²	48,2	17,7
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	219,6	39,1	25,6	35,3	14,0
Financial and insurance activities	2010	80,7	23,6	45,2	31,2	14,0
	2011	78,6	25,8	43,7	30,5	14,5
	2012	70,2	23,7	45,3	31,0	14,7
Real estate activities	2010	234,4	... ²	... ²	62,9	26,4
	2011	220,4	... ²	... ²	64,1	27,5
	2012	211,6	... ²	... ²	63,7	29,8
Professional, scientific and technical activities	2010	293,4	2,1	48,1	49,8	24,3
	2011	282,5	2,9	46,5	50,6	24,8
	2012	277,2	3,8	46,3	49,9	25,0
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	252,5	... ²	... ²	39,7	12,3
Education	2010	35,0	... ²	... ²	47,6	16,7
	2011	33,0	—	50,0	50,0	17,7
	2012	27,0	—	44,6	55,4	20,3
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	93,0	—	59,3	40,7	13,6
Arts, entertainment and recreation	2010	28,2	... ²	... ²	34,9	14,1
	2011	31,5	... ²	... ²	34,2	12,9
	2012	35,4	16,7	53,9	29,4	9,7
Other services	2010	41,5	—	25,3	74,7	29,6
	2011	39,7	—	24,2	75,8	30,4
	2012	35,8	—	24,7	75,3	30,3

ENTREPRENEURSHIP DEVELOPMENT

Table 14.5 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	4212194,2	42,1	42,0	15,9	5,0
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	164011,5	13,4	57,6	29,0	8,7
Industry	2010	1159231,4	64,3	31,1	4,6	1,1
	2011	1464792,1	67,5	28,3	4,2	0,9
	2012	1505768,7	65,0	30,1	4,9	1,1
Construction	2010	96725,3	6,4	55,7	37,9	12,9
	2011	120419,5	9,6	55,9	34,5	10,0
	2012	140266,7	9,6	52,8	37,6	11,1
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	1661071,1	29,2	49,1	21,7	7,0
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	206506,4	58,4	28,4	13,2	4,2
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	15061,5	... ²	... ²	32,6	10,6
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	82160,6	47,8	30,7	21,5	7,0
Financial and insurance activities	2010	256827,9	39,5	56,6	3,9	0,9
	2011	277058,3	42,4	54,3	3,3	0,8
	2012	251014,7	40,7	55,5	3,8	0,9
Real estate activities	2010	36482,9	... ²	... ²	57,3	20,3
	2011	40094,2	... ²	... ²	51,1	19,5
	2012	51871,1	... ²	... ²	51,2	21,1
Professional, scientific and technical activities	2010	52679,2	3,1	50,4	46,5	18,0
	2011	56988,9	4,4	54,6	41,0	15,4
	2012	78762,5	4,7	57,0	38,3	15,8
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	34051,9	... ²	... ²	41,0	15,4
Education	2010	1552,2	... ²	... ²	38,9	13,4
	2011	1665,3	—	53,1	46,9	17,9
	2012	1832,0	—	44,5	55,5	20,5
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	8548,5	—	73,1	26,9	7,1
Arts, entertainment and recreation	2010	2789,8	... ²	... ²	26,5	11,4
	2011	4359,6	... ²	... ²	23,4	8,7
	2012	7966,4	39,6	45,4	15,0	6,9
Other services	2010	2292,6	—	42,3	57,7	22,3
	2011	2615,3	—	39,9	60,1	23,2
	2012	3300,6	—	37,7	62,3	22,8

¹ See the footnote to Table 14.4

² According to Ukraine's Law *On State Statistics*, information is confidential

**14.6. Distribution of basic structural indicators of enterprises,
by size and 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
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	4,0	15,6	13,0	13,7
Industry	2010	12,6	59,2	29,1	11,6	10,2
	2011	12,6	61,8	28,9	11,6	10,2
	2012	13,1	57,9	28,6	12,1	10,7
Construction	2010	10,1	1,7	7,2	10,3	10,2
	2011	10,0	1,5	7,0	10,2	10,1
	2012	9,2	1,7	6,6	9,3	9,1
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	28,2	25,9	20,4	28,7	29,5
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	5,0	6,3	4,0	3,8
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	2,1	2,6	2,5
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	2,2	3,8	3,7
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	1,7	2,5	1,3	1,3
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	8,2	0,2	3,7	8,5	8,9
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	8,4	0,7	4,3	8,7	9,2
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	4,2	0,3	4,9	4,2	4,0
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
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
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	0,6	0,4	0,6	0,6	0,6
Other services	2010	1,2	—	0,4	1,3	1,2
	2011	1,2	—	0,4	1,3	1,2
	2012	1,2	—	0,4	1,3	1,3

ENTREPRENEURSHIP DEVELOPMENT

Table 14.6 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
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	9,6	2,0	14,3	11,5	11,3
Industry	2010	38,9	58,4	39,2	16,6	11,0
	2011	39,1	58,6	38,9	16,5	11,1
	2012	39,5	58,4	39,1	16,9	12,2
Construction	2010	5,9	0,5	6,1	11,5	10,9
	2011	5,6	0,5	6,0	10,7	10,2
	2012	5,2	0,4	5,9	10,0	9,3
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	15,8	12,3	13,0	24,6	28,3
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	12,0	21,7	8,7	5,2	4,1
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	1,7	... ²	... ²	3,1	3,0
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	3,5	1,8	3,9	4,1
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	0,7	1,0	1,1	1,4
Real estate activities	2010	3,1	... ²	... ²	7,2	7,9
	2011	2,9	... ²	... ²	7,1	8,1
	2012	2,8	... ²	... ²	6,9	8,6
Professional, scientific and technical activities	2010	3,8	0,3	4,2	7,1	9,0
	2011	3,7	0,3	4,0	7,2	9,3
	2012	3,7	0,4	4,1	7,1	9,3
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	3,3	... ²	... ²	5,1	4,1
Education	2010	0,4	... ²	... ²	0,8	0,7
	2011	0,4	—	0,5	0,8	0,8
	2012	0,4	—	0,4	0,8	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	1,6
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
Other services	2010	0,5	—	0,3	1,5	1,5
	2011	0,5	—	0,3	1,5	1,6
	2012	0,5	—	0,3	1,4	1,5

ENTREPRENEURSHIP DEVELOPMENT

Table 14.6 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
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	9,3	2,0	14,3	10,5	9,9
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	58,4	39,1	17,1	11,7
Construction	2010	5,9	0,5	6,1	11,8	11,5
	2011	5,5	0,5	6,0	10,7	10,2
	2012	5,2	0,4	5,9	10,2	9,6
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	15,8	12,3	13,0	24,7	29,1
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	12,1	21,7	8,7	5,4	4,3
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	1,7	... ²	... ²	3,2	3,1
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	2,9	3,5	1,8	4,0	4,2
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	0,7	1,0	1,1	1,4
Real estate activities	2010	3,0	... ²	... ²	7,2	8,1
	2011	2,9	... ²	... ²	7,0	8,0
	2012	2,8	... ²	... ²	6,9	8,6
Professional, scientific and technical activities	2010	3,7	0,3	4,2	7,1	9,3
	2011	3,7	0,3	4,0	7,1	9,3
	2012	3,7	0,4	4,1	7,1	9,5
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	3,3	... ²	... ²	5,2	4,2
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
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
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
Other services	2010	0,5	—	0,3	1,5	1,6
	2011	0,5	—	0,3	1,5	1,6
	2012	0,5	—	0,3	1,4	1,5

ENTREPRENEURSHIP DEVELOPMENT

Table 14.6 continued

	Year	Volume of the sold products (operations, 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
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	1,2	5,3	7,1	6,7
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	55,2	25,6	11,0	8,0
Construction	2010	2,9	0,4	3,9	6,4	6,8
	2011	3,0	0,7	4,2	6,8	6,4
	2012	3,3	0,8	4,2	7,9	7,3
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	39,4	27,4	46,1	53,7	54,8
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	4,9	6,8	3,3	4,1	4,1
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	0,7	0,7
Information and communication	2010	1,9	2,3	1,4	2,4	2,7
	2011	1,9	2,0	1,4	2,5	2,8
	2012	2,0	2,2	1,4	2,6	2,7
Financial and insurance activities	2010	7,6	7,3	10,4	1,8	1,2
	2011	6,9	6,6	9,4	1,5	1,2
	2012	6,0	5,8	7,9	1,4	1,0
Real estate activities	2010	1,1	... ²	... ²	3,7	4,1
	2011	1,0	... ²	... ²	3,4	4,1
	2012	1,2	... ²	... ²	4,0	5,2
Professional, scientific and technical activities	2010	1,6	0,1	1,9	4,3	5,2
	2011	1,4	0,1	1,9	3,8	4,6
	2012	1,9	0,2	2,5	4,5	5,9
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	0,8	... ²	... ²	2,1	2,5
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
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
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
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	0,3

¹ See the footnote to Table 14.4

² See the second footnote to Table 14.5

15. RESEARCH AND DEVELOPMENT, INNOVATIONS

This section includes indicators of scientific and scientific-technical activity of organisations (enterprises) and innovation activity of Ukraine industrial enterprises. It includes work undertaken by universities, government and not for profit research organisations.

Scientific and scientific-technical operations are fundamental and applied research, scientific and technical developments and scientific and technical services.

Fundamental research is experimental or theoretical research aimed at obtaining the new knowledge about natural development of nature, humans, society, their relationships without any specific objective connected with the usage of this knowledge. The results of their fulfilment are hypotheses, theories, methods, etc. Fundamental research can end up with recommendations regarding the conduct of the applied research to identify possibilities for making practical use of the obtained scientific results, scientific publications, etc.

Applied research is original research that is carried out to obtain the new knowledge. Applied research is mainly meant for fulfilment of the specific practical objective or task. Applied research identifies possible strands for making use of results of fundamental research, new methods for resolving problems that were indicated earlier.

Scientific and technical developments are systematic operations based on the existing knowledge obtained as a result of research and/or practical experiences and aimed at creating new materials, products, processes, devices, services, systems or methods. The operations could also be focused on significant improvement of the processes and products that already exist.

Scientific and technical services are defined as activity in the area of scientific and technical information, licenses, standardization, metrology and control over the quality, scientific and technical consultancies and follow-up activity that assist to implement research and developments into production, other types of activities that help obtain, disseminate and make use of scientific knowledge.

Financing of the expenditures for fulfilment of scientific and scientific-technical operations is the amounts of funds that have been placed on an account of organisation (enterprise) during the reference period from all sources (budget, funds from the national and international customers, own funds, etc).

Volume of operations is defined as the costs of all operations that are performed by scientific organisations on their own during the reference year. These are direct contracts without value added tax. For operations which are financed internally volume is defined on the basis of the estimate for the contracted operations. If the operation is not finished, only that part is taken into account that was carried out during the reference year as an interim stage.

Expenditure for fulfilment of scientific and scientific-technical operations are the total amounts of expenditures for scientific and scientific-technical operations by organisations on their own. Expenditures include expenditures for labour remuneration, material expenditures and other current expenditures, capital contributions (without the depreciation deduction for the complete renovation of fixed assets).

Staff engaged in research, experimental and scientific-technical operations. These are researchers, technicians, auxiliary staff and other employees of independent scientific and research, design, drawing and design organisations and also staff of laboratories or detached divisions at educational establishment of higher learning or at enterprises where the main activity is the fulfilment of scientific and scientific-technical operations.

Specialists engaged in scientific, and scientific and technical operations are researchers and technicians.

Researchers are scientific and engineering and technical employees who are professionally engaged in scientific research and developments and directly take part in creation of the new knowledge, products, processes, methods and systems. This also includes administrative and management staff who directly manage the research process (includes chiefs of scientific organisations and

divisions engaged in performing the scientific research and developments).

Technicians are employees whose basic functions require technical knowledge and experiences in one or more spheres of natural, technical, social or humane sciences. They take part in fulfilment of research and developments. They fulfil their technical functions under the guidance of researchers (for example: elaboration of software; reference search and selection of appropriate papers from libraries and archives; conduct of experiments, tests and analysis; registration of measurements; preparation of the calculations, blueprints, and schemes; the conduct of statistical observations, etc).

Innovationally active industrial enterprises are enterprises that were involved into innovation activity.

The innovation activity means all scientific, technological, organisational, financial and commercial actions that really lead to implementation of innovations or design for this purpose. The innovation activity include researches and developments not directly connected with the preparation of specific innovation.

The implementation of innovations means of any new or significantly improved product (goods, services) or process, new method of marketing or new organisational method into the activity of an enterprise; establishment of work places or external ties. Innovation products are split into those that are new for the market and the ones that are new for business.

The **market means** the subject or geographical area in which a operates. It consists of a business together with its

competitors; taking into account geographical aspect or typical series of products. The geographical aspect may include both domestic and international enterprises.

The minimal level of novelty for inclusion of any change into the category of innovation is defined as **new for a business**. The product could be used (produced) on other business, but if it is new or essentially improved for the given business, then such a change is considered as an innovation for that business.

Innovation production is production that is new or significantly improved in relation to its properties or methods of usage. The new products are goods and services that are substantially different in their characteristics or functions from products that have been produced by business earlier. The significant improvements can be made on account of changes in materials, components and other characteristics of products that improve their properties. This includes the significant improvements to technical characteristics, components and materials, built-in software and other functional characteristics.

Volume of innovation products includes the above-mentioned products that are produced over the last three years and sold on the domestic market.

The total sum of **innovation expenditure** includes expenditure that was incurred by enterprises to implement innovations which are new both for enterprises and markets including: internal R&D work, purchase of R&D, machines, equipment and software, other external knowledge and other expenditure.

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15.1. R&D personnel

(thsd.)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Employees in involved R&D operations ¹	494,2	293,1	188,0	170,6	160,8	155,5	149,7	146,8	141,1	134,7	129,9
Staff engaged full time in R&D	313,1	179,8	120,8	105,5	100,2	96,8	94,1	92,4	89,6	85,0	82,0
of whom with a scientific degree of											
Doctor of Science	3,2	4,1	4,1	4,2	4,3	4,4	4,5	4,4	4,5	4,4	4,5
Candidate of Science (pre-doctoral degree)	29,3	22,9	17,9	17,0	17,0	17,0	17,1	17,1	17,0	16,1	15,9
Staff engaged in R&D holding two or more jobs ²	36,0	41,7	53,9	68,5	74,9	76,9	75,8	71,8	69,4	68,2	61,1
of whom with a scientific degree of											
Doctor of Science	2,9	4,2	5,5	6,9	7,4	7,5	7,5	7,5	7,5	7,3	6,7
Candidate of Science (pre-doctoral degree)	21,1	18,6	23,3	25,7	29,2	30,1	30,1	30,3	29,7	30,1	26,1

¹ From 2006, the organisations engaged in rendering R&D services do not compile reports

² From 2006, including all scientific and teaching employees from institutions of higher education

15.2. R&D work performed on own account of organisations (enterprises), by type

(at current prices; mln. UAH)

	Total	Including			
		fundamental research	applied research	R&D development	R&D services
1995	709,3	81,7	209,7	393,5	24,4
2000	1978,4	266,7	436,6	1106,3	168,8
2001	2275,0	353,3	304,9	1317,2	299,6
2002	2496,7	424,8	343,6	1386,6	341,7
2003	3319,8	491,2	429,8	1900,2	498,6
2004	4112,4	629,7	573,7	2214,0	695,0
2005	4818,6	902,2	708,8	2406,9	800,7
2006	5354,6	1141,0	841,5	2741,6	630,5
2007	6700,7	1504,1	1132,5	3303,1	761,0
2008	8538,9	1927,4	1545,6	4088,2	977,7
2009	8653,7	1916,6	1412,0	4215,9	1109,2
2010	9867,1	2188,4	1617,1	5037,0	1024,6
2011	10349,9	2205,8	1866,7	4985,9	1291,5
2012	11252,7	2621,9	2057,7	5369,9	1203,2

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15.3. Funding of R&D work, by source of financing

(at current prices; mln. UAH)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total	652,0	2046,3	5160,4	5164,4	6149,2	8024,8	7822,2	8995,9	9591,3	10558,5
including on account of										
Central budget	244,9	614,5	1711,2	2017,4	2815,4	3909,8	3398,6	3704,3	3859,7	4709,1
own funds	14,6	61,3	338,5	462,7	521,1	592,5	629,4	872,0	841,8	1121,3
customers' funds										
domestic	233,4	785,8	1680,1	1563,3	1725,7	2072,2	1870,8	1961,2	2285,9	2458,4
foreign	101,9	477,1	1258,0	1000,9	978,7	1254,9	1743,4	2315,9	2478,1	2045,0
other sources	57,2	107,6	172,6	120,1	108,3	195,4	180,0	142,5	125,8	224,7

15.4. Costs of R&D work performed on own account of organisations, by type¹

(at current prices; mln. UAH)

	Total	Including			
		fundamental research	applied research	R&D development	R&D services
1995	596,2	83,5	190,1	302,3	20,3
2000	1636,3	258,9	375,0	854,9	147,5
2001	2010,7	336,5	290,3	1102,5	281,4
2002	2153,7	409,8	319,2	1111,5	313,2
2003	2824,0	473,7	383,7	1544,3	422,3
2004	3538,4	614,0	518,1	1882,7	523,6
2005	4386,3	886,1	655,8	2195,8	648,6
2006	4961,1	1107,9	781,3	2539,4	532,5
2007	5908,4	1462,3	1058,5	2793,5	594,1
2008	7723,2	1895,1	1447,5	3570,8	809,8
2009	7680,6	1906,1	1370,4	3593,1	811,0
2010	8825,6	2149,6	1582,6	4240,5	852,9
2011	9365,0	2184,5	1685,1	4398,9	1096,5
2012	10335,1	2610,5	1901,6	4755,5	1067,5

¹ Including wages and salaries, material and other current expenditures

15.5. Scientific staff with scientific degrees¹

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2005	2010	2011	2012	1995	2000	2005	2010	2011	2012
Total	9759	10339	12014	14418	14895	15592	57610	58741	68291	84000	84979	88057
of whom with the rank of												
academician	1224	1433	1554	2554	2484	2443	389	427	460	776	720	672
associate member of the Academy of Science	451	519	569	1086	1084	1074	476	532	540	810	776	742
professor	5369	5193	6908	9434	9788	10123	877	894	1035	1348	1323	1274
senior lecturer	1373	1909	1935	2286	2363	2639	24602	22982	27233	34862	35804	37097
senior researcher	2198	2219	2194	2159	2165	2206	8037	6565	6146	7928	7508	7156

¹ In 1995 as of January 1, from 2000/2011 as of October 1, since 2012 as of December 31

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15.6. Scientific staff with scientific degrees, by age¹

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2005	2010	2011	2012	1995	2000	2005	2010	2011	2012
Total	9759	10339	12014	14418	14895	15592	57610	58741	68291	84000	84979	88057
By age												
under 3 years old	1	2	—	3	7	7	1104	1815	3908	5884	5995	6203
31–40	270	232	220	529	648	812	11463	9305	12234	21752	23424	25788
41–50	1826	1698	1713	1977	2041	2147	17426	16654	16662	16969	16952	17532
51–55	1461	1658	1689	1925	1977	2011	8003	9365	9103	9869	9675	9608
56–60	2604	1639	2076	2295	2307	2451	12097	7398	8926	9081	8987	9016
61–70	2671	3778	4272	4099	4139	4176	6488	12201	14102	13013	12393	12183
71 and more	926	1332	2044	3590	3776	3988	1029	2003	3356	7432	7553	7727

¹ See the footnote for Table 15.5

15.7. Scientific staff with scientific degrees leaving Ukraine for other countries¹

(persons)

	Those with scientific degree of											
	Doctor of Science						Candidate of Science (pre-doctoral degree)					
	1995	2000	2005	2010	2011	2012	1995	2000	2005	2010	2011	2012
Total	59	26	8	8	6	5	...	125	45	27	44	51
of which to												
Israel	10	2	—	—	—	—	...	15	1	—	—	—
Canada	—	—	—	—	—	—	...	12	4	1	2	3
Germany	3	6	—	—	—	—	...	14	13	3	2	5
Poland	3	2	—	2	1	—	...	2	3	—	3	3
Russian Federation	20	3	3	3	2	1	...	31	4	3	10	6
USA	19	9	4	—	2	1	...	34	7	10	13	11
Other	4	4	1	3	1	3	...	17	13	10	14	23

¹ See the footnote for Table 15.5

RESEARCH AND DEVELOPMENT, INNOVATIONS

15.8. Innovation-active industrial enterprises, by type of economic activity

	2007		2010		2011		2012	
	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises	total	percentage of total enterprises
Industry	1472	14,2	1462	13,8	1679	16,2	1758	17,4
Mining	33	5,9	40	6,5	53	8,6	46	7,5
mining of fuel and energy minerals	13	4,7	16	6,3	16	6,3	19	7,8
mining operations apart from fuel and energy minerals	20	7,0	24	6,6	37	10,3	27	7,3
Manufacturing	1379	15,7	1349	15,0	1499	17,1	1581	18,6
including								
production of foodstuffs, beverages and tobacco products	343	13,2	352	14,3	384	16,1	420	18,7
light industry	76	10,5	63	9,8	82	13,4	81	13,6
textile industry, sewing of clothes, fur and fur articles	65	11,0	55	10,8	68	13,8	69	14,5
production of leather, leather articles and other materials	11	8,3	8	6,1	14	11,7	12	10,2
wood working and production of wood products apart from furniture	48	11,3	43	8,4	53	10,6	56	11,6
cellulose and paper industry; printing	69	12,2	52	8,2	66	10,6	78	12,5
production of coke and refined petroleum products	16	33,3	15	33,3	15	34,9	12	31,6
chemical and petrochemical industry	146	21,6	158	19,9	188	24,0	189	23,7
production of chemicals	100	30,4	100	27,9	125	34,2	122	33,8
production of rubber and plastic products	46	13,2	58	13,3	63	15,1	67	15,4
production of other non-metallic mineral products	100	12,2	84	10,2	86	10,6	105	13,6
metallurgy and production of finished metal products	109	15,0	113	14,4	120	15,2	144	18,0
engineering	421	23,3	417	22,2	443	24,5	426	24,7
manufacture of machinery and equipment	189	20,0	181	19,0	199	21,5	186	21,5
manufacture of electrical, electronic and optical equipment	162	27,6	155	24,1	160	26,2	150	26,0
manufacture of transport vehicles and equipment	70	25,0	81	28,7	84	30,7	90	31,5
Production and distribution of electricity, gas and water	60	6,1	73	7,5	127	13,2	131	13,3

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15.9. Total innovation costs in industry*(at current prices)*

	2007		2010		2011		2012	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Total	10821,0	100,0	8045,5	100,0	14333,9	100,0	11480,6	100,0
including by purpose								
internal R&D operations	793,6	7,3	818,5	10,2	833,3	5,8	965,2	8,4
external R&D operations	192,9	1,8	177,9	2,2	246,6	1,7	231,1	2,0
purchase of other external knowledge	7441,2	68,9	5051,7	62,8	10489,1	73,2	8051,8	70,1
purchase of machines, equipment and software	328,4	3,0	141,6	1,8	324,7	2,3	47,0	0,4
other	2064,9	19,0	1855,8	23,0	2440,2	17,0	2185,5	19,1

15.10. Financing of innovation activity in industry*(at current prices)*

	2007		2010		2011		2012	
	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total	mln. UAH	percentage of total
Total	10821,0	100,0	8045,5	100,0	14333,9	100,0	11480,6	100,0
including on account of								
Central budget	144,8	1,3	87,0	1,1	149,2	1,0	224,2	2,0
local budgets	7,3	0,1	5,7	0,1	12,3	0,1	17,6	0,1
own funds	7969,7	73,7	4775,2	59,4	7585,5	52,9	7335,9	63,9
customers' funds								
domestic	26,2	0,2	31,0	0,4	45,4	0,3	154,5	1,3
foreign	321,8	3,0	2411,4	30,0	56,9	0,4	994,8	8,7
other sources	2351,2	21,7	735,2	9,0	6484,6	45,3	2753,6	24,0

RESEARCH AND DEVELOPMENT, INNOVATIONS

15.11. Industrial enterprises that introduced innovations

	2007		2010		2011		2012	
	total	percentage of total enterprises that introduced innovations	total	percentage of total enterprises that introduced innovations	total	percentage of total enterprises that introduced innovations	total	percentage of total enterprises that introduced innovations
Total	1186	×	1217	×	1327	×	1371	×
installing new technological processes	515	43,4	522	42,9	605	45,6	598	43,6
including								
low-waste, resource saving, and waste-free	287	24,2	203	16,7	240	18,1	224	16,3
introducing innovations products	564	47,6	615	50,5	731	55,1	704	51,3
of which new types of equipment	178	15,0	194	15,9	218	16,4	195	14,2
Sold innovation products	1035	×	964	×	1043	×	1037	×

15.12. Introduction of new technological processes and development of new products in industry

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
New technological processes introduced	2936	1403	1808	1145	1419	1647	1893	2043	2510	2188
including low-waste, resource saving and waste-free	1044	430	690	424	634	680	753	479	517	554
Introducing innovations products ¹ , items	11472	15323	3152	2408	2526	2446	2685	2408	3238	3403
of which new equipment	1000	631	657	786	881	758	641	663	897	942

¹ In 1995, 2000 – new type products

15.13. Amount of innovation products sold

(at current prices; mln. UAH)

	2007	2010	2011	2012
Total	40188,0	33697,6	42386,7	36157,7
including new products	22305,8	10995,1	17411,0	14512,6
Exports as part of the total shipment	14666,6	13713,0	12630,6	13354,9

16. POPULATION

Present population consists of those who are at a given location at the time of the census, including persons living temporally at the location. **Resident population** consists of those who permanently live at a given location at the time of the census, including those who are temporarily absent.

Urban and rural population. The urban population includes persons who reside in urban type settlements. The rural population are those who reside in rural areas. Urban type settlements are the centers of the population which are approved by legislation as towns and the urban type settlements. The rest of the population centers are rural.

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

Data on **births and deaths** are based on birth and death certificates, which are completed by the civil status registration bodies. According to the normative documents of Ministry of Health of Ukraine up to the **January 1, 2007** births were registered live or dead born with the body weight of 1000 g and more (or body weight at birth is unknown, length of a newborn body is 35 cm and more, or on the 28 week of pregnancy and more), including born with the weight less than 1000 g in the case of multiple birth but on the 28 week of pregnancy and more. All the newborn with the body weight from 500 to 999 g, were also registered if they lived more than 168 hours (7 days) after birth. **From January 1, 2007** births are to be registered live or dead born with the body weight of 500 g and more (or the body weight at birth is unknown, length of a newborn body is 25 cm and more, or on the 22 week of pregnancy and more); live and dead born with body weight of less than 500 g in the case of

length less than 25 cm and body weight less than 500 g) and lived more than 7 days (168 hours after birth) are registered as liveborn premature births.

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

Crude birth and death rates represent the ratio of the number of the (live) births and deaths, respectively, for a calendar year to the average annual number of the present population. Produced per 1000 present persons.

Age specific fertility rates are derived by dividing the number of live births occurring to women of a given age group during a year by the average annual resident female population in the same age group. When defining the indicators for the age group under 20 years old, conventionally women aged 15–19 are taken. To produce the indicator for the age group 15–49 years old, the births occurring to women aged under 15 as well as 50 and over are included.

Total fertility rate is the average number of births that women would have in their life-time if they experienced the same birth rates occurring in the same age group. It is calculated as the sum of the age coefficients of births for all age intervals, its size does not depend on the age composition of the population and characterises the average rate of births in the calendar year for which it is calculated.

Number of illegitimate births includes the births that are registered by joint declaration made by father and mother who are not married, or only through a mother's declaration or court's decision that puts it in the birth certificate. If a child is born after the

multiple birth if the duration of pregnancy is 22 weeks and more; live born under 22 weeks of pregnancy duration (that is with the body months have passed between the day of his death and the birth of a child).

Age specific death rates represent the ratio of deaths occurring in a given age group during a year to the average annual number of persons in a given age.

Death rates by cause of death are calculated by dividing the number of the dead from the stated causes of death by average annual number of the present population.

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.

Death rates by causes of death for infants under 1 year old are calculated by dividing the number of infants under 1 year old dead from the stated death causes by the number of live births.

Life expectancy at birth is the average number of years that a new generation of births would live provided that

death of a person who was married to its mother, the dead could be recorded as father of a child provided that no more than 10 during the whole life of this generation (when passing from one age to another) the death rate was equal the current death rate for the population in selected age groups.

Crude marriage and divorce rates are a ratio of the number of marriages and divorces registered during a year to the average annual number of present population.

Migration balance is the difference between the number of those who arrived to a given location and those who left it.

Intraregional migration is the migration of the population within one region (Autonomous Republic of Crimea, region, cities of Kyiv and Sevastopol).

Interregional migration is the migration of the population from one region to the others within Ukraine.

International migration is the immigration of the population outside Ukraine or emigration to Ukraine from other countries.

POPULATION

16.1. Population¹

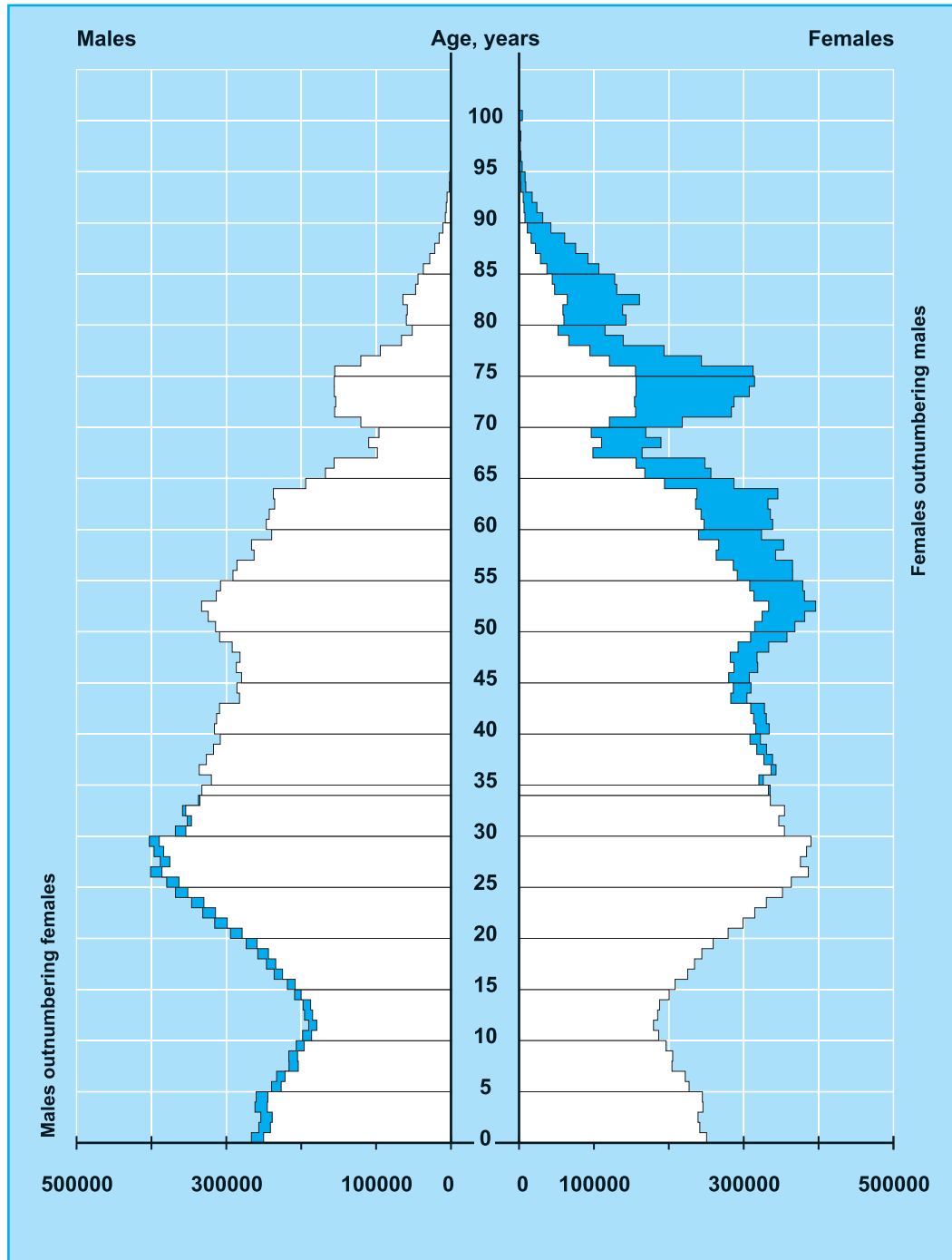
	1991	1996	2001	2002 ¹	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Present population, mln.	51,9	51,3	48,9	48,5	48,0	47,6	47,3	46,9	46,6	46,4	46,1	46,0	45,8	45,6	45,6
urban	35,1	34,8	32,9	32,6	32,3	32,1	32,0	31,9	31,8	31,7	31,6	31,5	31,5	31,4	31,4
rural	16,8	16,5	16,0	15,9	15,7	15,5	15,3	15,0	14,8	14,7	14,5	14,5	14,3	14,2	14,2
percentage of total population															
urban	67,5	67,8	67,4	67,2	67,3	67,5	67,7	67,9	68,1	68,3	68,5	68,6	68,7	68,8	68,9
rural	32,5	32,2	32,6	32,8	32,7	32,5	32,3	32,1	31,9	31,7	31,5	31,4	31,3	31,2	31,1
Resident population, mln.	51,6	50,9	48,7	48,2	47,8	47,4	47,1	46,7	46,5	46,2	46,0	45,8	45,6	45,5	45,4
males	23,9	23,6	22,5	22,3	22,1	21,9	21,8	21,6	21,5	21,3	21,2	21,1	21,0	21,0	21,0
females	27,7	27,3	26,2	25,9	25,7	25,5	25,3	25,1	25,0	24,9	24,8	24,7	24,6	24,5	24,4
percentage of total population															
males	46,3	46,4	46,3	46,3	46,2	46,2	46,2	46,1	46,1	46,1	46,1	46,1	46,1	46,2	46,2
females	53,7	53,6	53,7	53,7	53,8	53,8	53,8	53,9	53,9	53,9	53,9	53,9	53,9	53,8	53,8

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

16.2. 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
2003	48,0	32,3	15,7	67,3	32,7
2004	47,6	32,1	15,5	67,5	32,5
2005	47,3	32,0	15,3	67,7	32,3
2006	46,9	31,9	15,0	67,9	32,1
2007	46,6	31,8	14,8	68,1	31,9
2008	46,4	31,7	14,7	68,3	31,7
2009	46,1	31,6	14,5	68,5	31,5
2010	46,0	31,5	14,5	68,6	31,4
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

¹ The population statistics for 1913 and 1939 are compiled according to the current boundary of Ukraine; 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

16.3. Resident population, by sex and age*(as of January 1, 2013; persons)*

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16.4. Resident population, by sex and region

(persons)

	2002 ¹		2013 ¹		Males per 1000 females	
	males	females	males	females	2002 ¹	2013 ¹
Ukraine	22316317	25924585	20962744	24409948	861	859
Autonomous Republic of Crimea	931439	1092617	897287	1059135	852	847
oblasts						
Vinnitsya	804747	959197	745363	874590	839	852
Volyn	497646	559568	488319	548911	889	890
Dnipropetrovsk	1638504	1922720	1510055	1794431	852	842
Donetsk	2210403	2615160	1979905	2382652	845	831
Zhytomyr	644360	744933	588780	680892	865	865
Zakarpattia	604150	650464	600130	651430	929	921
Zaporizhzhya	884153	1042657	814185	970269	848	839
Ivano-Frankivsk	663275	742854	650701	728361	893	893
Kyiv	841463	979598	793344	922929	859	860
Kirovohrad	516610	609094	453062	535694	848	846
Luhansk	1167914	1372277	1029598	1222356	851	842
Lviv	1234896	1371060	1193528	1328804	901	898
Mykolayiv	586770	676129	541537	631229	868	858
Odesa	1148820	1306846	1118050	1266050	879	883
Poltava	742204	879003	670262	789721	844	849
Rivne	554413	617032	547684	608124	899	901
Sumy	592005	704758	521153	619904	840	841
Ternopil	527953	610547	499978	574098	865	871
Kharkiv	1328884	1566929	1258896	1469887	848	856
Kherson	546638	626051	498708	578092	873	863
Khmelnyskiy	657285	769364	606540	704261	854	861
Cherkasy	635822	762491	577818	687441	834	841
Chernivtsi	430047	488981	424280	479818	879	884
Chernihiv	560445	675620	484632	584628	830	829
cities						
Kyiv	1193356	1373597	1295137	1508579	869	859
Sevastopol ²	172115	205038	173812	207662	839	837

¹ For 2002, data of the Census as of December 5, 2001; for 2013, as of January 1

² Including the town of Inherman, Kacha township and village councils that subordinate to city council

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16.5. Resident population, by age group

(as of January 1, 2013)

	Total population, persons			Share of total population, percent		
	total	urban	rural	total	urban	rural
Total population	45372692	31123007	14249685	100,0	100,0	100,0
of which by age, years						
under 1	517301	339538	177763	1,1	1,1	1,3
1–4	2004486	1327019	677467	4,4	4,3	4,8
5–9	2168158	1449410	718748	4,8	4,6	5,0
10–14	1930653	1203306	727347	4,3	3,9	5,1
15–19	2405136	1579769	825367	5,3	5,1	5,8
20–24	3232157	2195942	1036215	7,1	7,0	7,3
25–29	3868992	2801899	1067093	8,5	9,0	7,5
30–34	3476598	2553790	922808	7,7	8,2	6,5
35–39	3270101	2323493	946608	7,2	7,5	6,6
40–44	3113544	2153127	960417	6,9	6,9	6,7
45–49	3085767	2123186	962581	6,8	6,8	6,8
50–54	3500369	2461151	1039218	7,7	7,9	7,3
55–59	3097369	2209140	888229	6,8	7,1	6,2
60–64	2796743	2006621	790122	6,2	6,4	5,5
65–69	1656868	1139209	517659	3,6	3,7	3,6
70 and older	5248450	3256407	1992043	11,6	10,5	14,0
Of total population, years						
0–14	6620598	4319273	2301325	14,6	13,9	16,2
15–64	31846776	22408118	9438658	70,2	72,0	66,2
65 and older	6905318	4395616	2509702	15,2	14,1	17,6

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16.6. Resident population, by main age group and region

(as of January 1, 2013)

	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	45372692	6620598	31846776	6905318	14,6	70,2	15,2
Autonomous Republic of Crimea	1956422	291848	1377276	287298	14,9	70,4	14,7
oblasts							
Vinnitsya	1619953	242062	1103876	274015	15,0	68,1	16,9
Volyn	1037230	197071	707475	132684	19,0	68,2	12,8
Dnipropetrovsk	3304486	467222	2320270	516994	14,1	70,2	15,7
Donetsk	4362557	550561	3072514	739482	12,6	70,4	17,0
Zhytomyr	1269672	200811	865088	203773	15,8	68,1	16,1
Zakarpattia	1251560	239222	873712	138626	19,1	69,8	11,1
Zaporizhzhya	1784454	240898	1261687	281869	13,5	70,7	15,8
Ivano-Frankivsk	1379062	230648	958455	189959	16,7	69,5	13,8
Kyiv	1716273	256375	1198512	261386	15,0	69,8	15,2
Kirovohrad	988756	141616	679756	167384	14,3	68,8	16,9
Luhansk	2251954	278075	1607183	366696	12,3	71,4	16,3
Lviv	2522332	395923	1765487	360922	15,7	70,0	14,3
Mykolayiv	1172766	172102	829150	171514	14,7	70,7	14,6
Odesa	2384100	368473	1680117	335510	15,4	70,5	14,1
Poltava	1459983	193393	1020294	246296	13,2	69,9	16,9
Rivne	1155808	227341	787947	140520	19,6	68,2	12,2
Sumy	1141057	145050	808327	187680	12,7	70,8	16,5
Ternopil	1074076	168249	741576	164251	15,7	69,0	15,3
Kharkiv	2728783	344785	1970536	413462	12,6	72,2	15,2
Kherson	1076800	162700	758840	155260	15,1	70,5	14,4
Khmelnyskiy	1310801	197380	898522	214899	15,1	68,5	16,4
Cherkasy	1265259	169897	874816	220546	13,4	69,2	17,4
Chernivtsi	904098	150777	630470	122851	16,7	69,7	13,6
Chernihiv	1069260	138167	731094	199999	12,9	68,4	18,7
cities							
Kyiv	2803716	395564	2055574	352578	14,1	73,3	12,6
Sevastopol ¹	381474	54388	268222	58864	14,3	70,3	15,4

¹ See the second footnote to Table 16.4

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16.7. Cities and towns with over 50 thsd. present population¹

(thsd.)

	1989	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Alchevsk	126	119	118	118	117	117	116	115	115	114	113	112	111
Antratsyt	72	64	63	62	61	60	59	58	57	56	55	55	55
Artemivsk (Donetsk oblast)	90	83	82	81	81	80	80	80	79	79	78	78	78
Berdychiv	92	88	86	85	84	83	82	81	80	80	79	79	79
Berdiansk	133	122	121	120	119	119	118	118	118	118	117	117	116
Bila Tserkva	199	200	201	203	205	206	208	208	209	209	209	211	211
Bilhorod-Dnistrovskyi	56	52	51	51	51	51	50	50	50	50	50	50	50
Boryspil	52	55	55	55	55	56	56	57	57	58	58	59	60
Brovary	84	87	87	88	89	90	92	92	94	95	96	97	98
Vinnytsya	374	357	358	359	360	362	365	367	368	369	369	371	372
Horlivka	338	292	287	283	279	275	272	269	266	264	261	259	257
Dniprodzerzhynsk	282	256	253	251	250	248	247	246	245	244	243	243	242
Dnipropetrovsk	1189	1079	1069	1061	1054	1047	1039	1030	1018	1011	1005	999	998
Donetsk	1113	1016	1009	1004	1000	994	988	981	975	968	962	955	953
Drohobych	78	79	79	79	79	79	79	79	78	78	78	77	77
Druzhkivka	73	65	64	63	63	63	62	62	62	61	61	60	60
Enerhodar	47	56	56	55	55	54	54	54	54	54	54	55	55
Yevpatoriya	108	106	106	106	106	106	107	107	107	107	107	107	107
Yenakiyeve	120	104	101	99	97	94	92	91	89	87	86	84	83
Zhytomyr	292	284	282	280	278	276	274	272	272	272	272	272	271
Zaporizhzhya	884	817	811	806	802	797	793	788	784	781	777	773	771
Ivano-Frankivsk	214	218	219	218	219	221	221	223	224	224	225	225	226
Izmayil	93	85	84	83	81	80	78	77	76	76	75	74	73
Izium	64	56	56	55	55	54	54	54	53	53	52	52	52
Illichivsk	55	54	55	56	56	57	57	58	58	59	59	59	60
Kalush	68	68	68	67	67	67	67	67	67	67	67	68	68
Kamyanets-Podilskyi	103	100	100	100	99	100	100	100	101	103	103	103	103
Kerch	174	157	155	154	153	151	150	149	148	147	147	146	145
Kyiv	2603	2611	2622	2639	2666	2693	2718	2740	2766	2785	2799	2814	2845
Kirovohrad	269	253	251	249	247	245	242	240	237	236	235	235	234
Kovel	67	66	66	67	67	67	67	67	67	68	68	69	69
Kolomiya	63	62	62	62	61	61	61	61	61	61	61	61	61
Komsomolsk	52	52	52	52	52	52	52	52	52	52	52	52	52
Konotop	96	93	92	91	91	91	90	90	90	90	89	89	89
Korosten	77	67	67	66	66	66	66	66	66	65	65	66	66
Kostyantynivka	106	95	93	91	89	87	85	83	81	80	79	78	77
Kramatorsk	198	181	179	177	175	173	172	170	169	168	166	165	164
Krasnyi Luch	113	95	93	91	90	88	87	86	86	85	84	83	83
Krasnoarmiysk (Donetsk oblast)	73	69	68	68	67	67	67	66	66	66	65	65	65
Kremenchuk	236	234	232	231	231	230	230	229	229	228	227	226	226
Kryvyi Rig	765	709	704	700	697	692	687	681	676	670	665	660	656
Lysychansk	127	115	114	113	111	110	109	108	108	107	106	105	104
Lozova	73	64	63	62	61	61	60	60	60	59	59	59	58
Luhansk	497	463	459	456	453	450	446	442	438	435	431	427	426
Lutsk	198	209	206	203	203	205	207	208	209	211	212	213	215
Lviv	791	733	733	733	734	735	735	735	735	734	732	730	730

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Table 16.7 continued

	1989	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Makiyivka	425	390	384	380	376	373	370	367	364	361	358	356	354
Mariupol	519	492	488	484	482	480	478	475	472	469	467	464	462
Melitopol	173	161	160	159	159	159	159	158	158	158	157	157	157
Mykolayiv	524	514	512	510	509	508	507	506	504	501	499	497	496
Mukacheve	85	82	82	82	82	83	83	83	83	84	84	85	85
Nizhyn	81	77	76	76	76	75	75	75	75	74	74	74	73
Nikopol	158	136	135	133	132	130	129	128	126	124	122	120	119
Novovolynsk	55	54	53	53	53	53	53	53	53	53	53	53	53
Novohrad-Volynskyi	55	56	56	56	56	56	56	56	56	56	56	56	56
Novomoskovsk (Dnipropetrovsk oblast)	76	72	72	72	71	70	70	69	70	70	70	71	71
Odesa	1115	1029	1021	1013	1007	1002	1001	1006	1009	1010	1009	1008	1015
Oleksandriya	103	93	92	91	89	87	86	85	84	83	83	83	83
Pavlohrad	131	119	117	115	114	113	112	111	111	111	111	110	110
Pervomaysk (Mykolayiv oblast)	81	70	69	68	68	68	68	67	67	67	67	67	67
Poltava	315	318	315	312	310	309	306	304	302	301	299	298	297
Pryluky	72	65	64	63	62	61	61	60	59	59	59	59	58
Rivne	228	249	248	248	248	248	248	248	249	250	250	250	250
Rubizhne	74	65	64	64	63	63	63	62	62	62	61	61	60
Sverdlovsk (Lugansk oblast)	83	73	71	71	70	69	68	67	67	66	66	66	65
Sevastopol	356	342	341	341	340	340	340	340	340	340	340	341	343
Syeverodonetsk	131	120	119	117	116	115	115	113	112	111	111	110	109
Simferopol	345	344	344	343	342	341	340	338	337	337	336	336	337
Slovyansk	135	125	124	123	122	121	121	121	120	119	119	118	117
Smila	79	70	69	69	69	69	69	69	69	69	69	69	69
Stakhanov	112	90	88	86	84	83	82	81	80	80	79	78	78
Stryi	67	62	62	62	62	61	61	61	60	60	60	60	60
Sumy	291	293	289	285	282	280	278	276	274	272	271	270	269
Ternopil	206	228	226	224	221	219	218	217	217	218	217	217	217
Torez	88	72	70	68	66	65	63	62	61	60	59	59	58
Uzhhorod	117	117	117	117	117	117	116	116	116	116	116	117	116
Uman	91	89	88	88	88	88	88	88	88	88	87	87	87
Feodosiya	84	75	74	73	72	72	72	71	71	70	70	70	69
Kharkiv	1610	1471	1466	1464	1465	1463	1461	1458	1456	1452	1447	1441	1451
Khartsyzk	68	64	63	63	62	62	61	61	61	60	60	60	59
Kherson	355	328	326	323	319	316	312	309	307	305	303	301	299
Khmelnyskyi	237	254	254	254	256	257	258	259	260	261	263	264	265
Chervonograd	72	71	70	70	69	69	69	69	69	68	68	68	68
Cherkasy	290	295	294	293	293	292	291	290	289	288	287	286	286
Chernivtsi	257	241	241	242	242	243	245	247	250	252	254	256	259
Chernihiv	298	305	304	302	300	300	299	298	298	297	297	297	296
Shakhtarsk	74	60	58	57	56	55	54	53	53	52	52	51	51
Shostka (Sumy oblast)	93	87	86	85	84	83	83	82	81	81	80	80	79
Yalta	89	82	81	80	80	80	79	79	79	78	78	78	78

¹ For 1989, data of the Census as of January 12; for 2002, data of the Census as of December 5, 2001; for other years, as of January 1. Data are recalculated within administrative and territorial borders as of the beginning of 2013

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16.8. Pensioners¹

(as of January 1)

	1991	1996	2001	2006	2007	2008	2009	2010	2011	2012	2013
Total pensioners, thsd.	13084	14487	14447	14050	13937	13819	13750	13721	13738	13821	13640
of which											
retired by age	9713	10615	10299	10596	10576	10591	10558	10569	10587	10627	10501
retired due to disability	1313	1814	2015	1605	1597	1571	1537	1500	1491	1523	1514
survivors who lost their benefactor	1209	1195	1150	852	840	822	838	850	847	843	808
entitled to pension for long service	...	429	552	627	640	621	627	630	654	679	681
entitled to welfare pensions	318	434	431	370	284	213	189	172	158	146	134
judges in resignation which receive the lifelong monetary maintenance	1	1	1	1	1	1
Proportion of pensioners per 1000 population	253	284	295	301	300	299	299	300	301	304	301

¹ Here and elsewhere (Table 16.9), the average pension (apart of *age pension* and *social pension* categories and *judges in resignation which receive the lifelong monetary maintenance*) includes pensions of the retired from the Ministry of Defence of Ukraine, the Ministry of the Internal Affairs of Ukraine, the Ministry of Emergencies of Ukraine, the Security Service of Ukraine, the State Tax Service of Ukraine and the State Penitentiary Service of Ukraine. These pensions are assigned and disbursed by the bodies of the Pension Fund of Ukraine in accordance with the Cabinet of Ministers of Ukraine Regulation of 02.11.2006 № 1522

As of January 1, 2013, there were 4109 thsd. pensioners who lived in rural areas, which amounted to 30% of those registered at the Pension Fund of Ukraine bodies.

16.9. Pensioners, by region

(as of January 1, 2013)

	Total, persons	Including						Per 1000 population
		old age pensions	disability pensions	survivors' pensions	long service pensions	welfare pensions	judges in resignation which receive the lifelong monetary maintenance	
Ukraine	13639739	10501412	1513545	808376	680772	134274	1360	301
Autonomous Republic of Crimea	559462	428231	67324	25902	32604	5341	60	286
oblasts								
Vinnitsya	512647	393945	63218	25098	25332	5022	32	316
Volyn	284150	205310	42411	20065	13517	2831	16	274
Dnipropetrovsk	1021730	825267	77353	65018	45300	8708	84	309
Donetsk	1403577	1080850	138302	127964	44155	12142	164	322
Zhytomyr	412178	299846	57077	26664	24551	3999	41	325
Zakarpattia	293984	220152	36702	16910	13471	6735	14	235
Zaporizhzhya	553120	442082	52885	27809	24676	5604	64	310
Ivano-Frankivsk	370942	280402	52289	18849	13209	6166	27	269
Kyiv	563451	441677	64672	25755	25945	5366	36	328
Kirovohrad	310460	243934	30198	17310	15380	3607	31	314
Luhansk	738117	571025	63298	72023	26207	5483	81	328
Lviv	714003	529502	103313	43364	31408	6377	39	283
Mykolayiv	344812	265681	33373	21272	21399	3050	37	294
Odesa	651692	483922	83099	35050	42673	6877	71	273
Poltava	469216	364945	51143	23460	25729	3885	54	321
Rivne	313958	239590	40357	17692	12706	3593	20	272
Sumy	366172	292698	31793	18355	20014	3280	32	321
Ternopil	308378	245208	34433	14463	11077	3175	22	287
Kharkiv	808785	634435	84563	36498	45611	7608	70	296
Kherson	310899	247632	28237	16403	15425	3175	27	289
Khmelnyskiy	424574	307817	65378	24074	22957	4315	33	324
Cherkasy	425131	327758	54945	19675	18134	4589	30	336
Chernivtsi	239024	185835	29030	10113	10873	3154	19	264
Chernihiv	372873	282705	47169	19714	20078	3163	44	349
cities								
Kyiv	747046	575128	71699	31796	61862	6362	199	266
Sevastopol	119358	85835	9284	7080	16479	667	13	313

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16.10. Crude rates of birth, death and natural increase of the population since 1913

(per 1000 present population)

	Births	Deaths	Natural increase (decrease) in population
1913	44,1	25,2	18,9
1940	27,3	14,3	13,0
1959	20,9	7,5	13,4
1960	20,5	6,9	13,6
1965	15,3	7,6	7,7
1970	15,2	8,8	6,4
1975	15,1	10,0	5,1
1979	14,8	11,1	3,7
1980	14,8	11,3	3,5
1985	15,0	12,1	2,9
1990	12,6	12,1	0,5
1995	9,6	15,4	-5,8
2000	7,8	15,4	-7,6
2001	7,7	15,3	-7,6
2002	8,1	15,7	-7,6
2003	8,5	16,0	-7,5
2004	9,0	16,0	-7,0
2005	9,0	16,6	-7,6
2006	9,8	16,2	-6,4
2007	10,2	16,4	-6,2
2008	11,0	16,3	-5,3
2009	11,1	15,3	-4,2
2010	10,8	15,2	-4,4
2011	11,0	14,5	-3,5
2012	11,4	14,5	-3,1

16.11. Births, deaths and natural population increase

(thsd.)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Births											
total	657,2	492,9	385,1	426,1	460,4	472,7	510,6	512,5	497,7	502,6	520,7
in urban areas	442,8	308,4	238,0	284,3	306,7	314,1	340,6	339,5	326,6	328,9	341,6
in rural areas	214,4	184,5	147,1	141,8	153,7	158,6	170,0	173,0	171,1	173,7	179,1
Deaths											
total	629,6	792,6	758,1	782,0	758,1	762,9	754,5	706,7	698,2	664,6	663,1
in urban areas	357,1	476,4	457,1	471,6	461,8	466,3	462,9	432,3	431,1	411,0	411,8
in rural areas	272,5	316,2	301,0	310,4	296,3	296,6	291,6	274,4	267,1	253,6	251,3
Natural increase (decrease) in population											
total	27,6	-299,7	-373,0	-355,9	-297,7	-290,2	-243,9	-194,2	-200,5	-162,0	-142,4
in urban areas	85,7	-168,0	-219,1	-187,3	-155,1	-152,2	-122,3	-92,8	-104,5	-82,1	-70,2
in rural areas	-58,1	-131,7	-153,9	-168,6	-142,6	-138,0	-121,6	-101,4	-96,0	-79,9	-72,2

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16.12. Crude rates of birth, death and natural increase of the population

(per 1000 present population)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Births														
total	12,6	9,6	7,8	8,1	8,5	9,0	9,0	9,8	10,2	11,0	11,1	10,8	11,0	11,4
in urban areas	12,7	8,8	7,2	7,7	8,3	8,9	8,9	9,6	9,9	10,8	10,8	10,4	10,5	10,9
in rural areas	12,7	11,1	9,2	9,0	9,1	9,3	9,4	10,3	10,7	11,6	11,9	11,9	12,1	12,6
Deaths														
total	12,1	15,4	15,4	15,7	16,0	16,0	16,6	16,2	16,4	16,3	15,3	15,2	14,5	14,5
in urban areas	10,2	13,6	13,8	14,0	14,3	14,4	14,8	14,5	14,7	14,6	13,7	13,7	13,1	13,1
in rural areas	16,1	19,1	18,8	19,1	19,6	19,6	20,5	19,8	20,1	19,9	18,9	18,6	17,7	17,7
Natural increase (decrease) in population														
total	0,5	-5,8	-7,6	-7,6	-7,5	-7,0	-7,6	-6,4	-6,2	-5,3	-4,2	-4,4	-3,5	-3,1
in urban areas	2,5	-4,8	-6,6	-6,3	-6,0	-5,5	-5,9	-4,9	-4,8	-3,8	-2,9	-3,3	-2,6	-2,2
in rural areas	-3,4	-8,0	-9,6	-10,1	-10,5	-10,3	-11,1	-9,5	-9,4	-8,3	-7,0	-6,7	-5,6	-5,1

16.13. Births, by sex

(persons)

	Total			Urban areas			Rural areas		
	both sexes	boys	girls	both sexes	boys	girls	both sexes	boys	girls
1990	657202	338279	318923	442869	228624	214245	214333	109655	104678
1995	492861	253942	238919	308408	159010	149398	184453	94932	89521
2000	385126	199411	185715	238014	123305	114709	147112	76106	71006
2001	376478	194126	182352	237228	122462	114766	139250	71664	67586
2002	390688	201900	188788	248877	128552	120325	141811	73348	68463
2003	408589	210167	198422	266415	137065	129350	142174	73102	69072
2004	427259	219924	207335	284361	146599	137762	142898	73325	69573
2005	426086	219616	206470	284257	146547	137710	141829	73069	68760
2006	460368	236271	224097	306635	157617	149018	153733	78654	75079
2007	472657	243241	229416	314065	161802	152263	158592	81439	77153
2008	510589	263588	247001	340594	176026	164568	169995	87562	82433
2009	512525	264844	247681	339497	175690	163807	173028	89154	83874
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

16.14. Birth rates, by age group

(per 1000 females of the respective age group)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Females aged														
15–49 years	53,3	38,9	30,6	31,2	32,7	34,3	34,4	37,5	38,8	42,4	43,1	42,5	43,6	45,9
including younger than 20	59,1	55,1	32,1	29,2	29,0	29,6	28,6	29,5	30,3	32,0	31,2	28,8	28,1	28,7
20–24	161,7	119,1	94,9	91,3	92,3	93,4	88,8	92,2	92,2	97,5	94,8	90,1	89,9	93,6
25–29	87,7	65,7	57,8	62,7	67,1	70,6	71,7	79,4	81,3	87,8	89,0	87,9	89,2	93,6
30–34	41,6	27,5	26,5	30,2	33,0	35,4	37,7	42,7	45,4	51,1	54,1	55,1	58,0	61,4
35–39	15,1	9,9	8,7	9,8	10,9	12,2	13,3	15,5	16,8	19,7	21,5	22,3	24,6	26,4
40–44	3,4	2,1	1,9	1,9	2,0	2,2	2,3	2,5	2,9	3,3	3,8	4,2	4,6	5,0
45–49	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,2	0,2	0,2	0,2	0,3
Total fertility rate ¹	1,844	1,397	1,110	1,126	1,172	1,218	1,213	1,310	1,345	1,458	1,473	1,443	1,459	1,531

¹ Average number of births that a woman could have at the existing fertility rate

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16.15. Birth, death and natural population increase rates in 2012, by region

(per 1000 present population)

	Births			Deaths			Natural increase (decrease) in population		
	total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas
Ukraine	11,4	10,9	12,6	14,5	13,1	17,7	-3,1	-2,2	-5,1
Autonomous Republic of Crimea	12,6	11,6	14,3	13,7	13,8	13,7	-1,1	-2,2	0,6
oblasts									
Vinnitsya	11,2	11,6	10,9	15,4	11,1	19,7	-4,2	0,5	-8,8
Volyn	14,8	13,5	16,2	13,2	10,6	16,0	1,6	2,9	0,2
Dnipropetrovsk	11,2	11,0	12,0	15,5	14,9	18,5	-4,3	-3,9	-6,5
Donetsk	9,8	9,7	10,3	16,1	15,8	18,7	-6,3	-6,1	-8,4
Zhytomyr	12,2	12,0	12,5	16,3	13,0	20,8	-4,1	-1,0	-8,3
Zakarpattia	15,1	14,6	15,5	11,8	11,3	12,1	3,3	3,3	3,4
Zaporizhzhya	10,6	10,1	12,0	14,8	13,7	18,3	-4,2	-3,6	-6,3
Ivano-Frankivsk	12,4	11,1	13,3	12,2	9,7	14,1	0,2	1,4	-0,8
Kyiv	12,2	12,4	11,9	15,8	12,2	21,6	-3,6	0,2	-9,7
Kirovohrad	11,0	10,8	11,4	16,5	14,8	19,5	-5,5	-4,0	-8,1
Luhansk	9,6	9,6	9,3	16,0	15,6	18,8	-6,4	-6,0	-9,5
Lviv	11,9	11,1	13,2	12,5	10,7	15,2	-0,6	0,4	-2,0
Mykolayiv	11,5	10,5	13,7	14,7	13,7	16,9	-3,2	-3,2	-3,2
Odesa	12,7	11,3	15,5	14,1	12,6	17,0	-1,4	-1,3	-1,5
Poltava	9,9	9,7	10,3	16,5	13,9	20,5	-6,6	-4,2	-10,2
Rivne	15,9	13,5	18,0	12,4	9,5	15,0	3,5	4,0	3,0
Sumy	9,7	9,9	9,3	16,6	13,8	22,3	-6,9	-3,9	-13,0
Ternopil	11,3	11,4	11,3	13,8	9,8	16,8	-2,5	1,6	-5,5
Kharkiv	9,9	9,7	10,7	14,6	13,6	18,9	-4,7	-3,9	-8,2
Kherson	11,7	11,1	12,6	14,7	14,5	15,1	-3,0	-3,4	-2,5
Khmelnyskiy	11,3	11,7	10,8	15,5	10,7	21,3	-4,2	1,0	-10,5
Cherkasy	10,1	10,1	10,0	16,2	13,2	20,2	-6,1	-3,1	-10,2
Chernivtsi	12,8	11,1	14,0	12,5	10,2	14,2	0,3	0,9	-0,2
Chernihiv	9,4	9,6	9,1	18,7	13,7	27,2	-9,3	-4,1	-18,1
cities									
Kyiv	12,0	12,0	×	9,8	9,8	×	2,2	2,2	×
Sevastopol ¹	12,0	12,0	11,9	13,7	13,7	14,2	-1,7	-1,7	-2,3

¹ See the second footnote to Table 16.4

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16.16. Share of children born by females not legally married

(percent of total births)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	11,2	13,2	17,3	18,0	19,0	19,9	20,4	21,4	21,1	21,4	20,9	21,2	21,9	21,9	21,4
in urban areas	10,5	13,4	17,7	18,3	19,3	20,0	20,3	21,2	20,8	20,9	20,4	20,7	21,1	21,1	20,6
in rural areas	12,6	12,8	16,6	17,5	18,4	19,6	20,7	21,8	21,9	22,3	21,8	22,2	23,4	23,3	23,1

16.17. Births, by mother's marriage status and order of birth

(persons)

	1990		2000		2012	
	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 births	657202	73505	385126	66461	520705	111607
of which						
first child birth	343584	41705	230993	42159	250459	53872
second child birth	229561	18012	112807	15249	187935	34164
third child birth	54195	7841	25419	5342	54545	14003
fourth child birth	15170	3085	7910	1882	15563	5300
fifth and subsequent	14550	2787	7492	1468	12149	4221
order unknown	142	75	505	361	54	47
In urban areas						
Total births	442869	46601	238014	42050	341599	70221
of which						
first child birth	249743	29067	157645	28720	175078	36394
second child birth	155129	11535	63562	9200	126590	22220
third child birth	26768	3815	11110	2546	28859	7381
fourth child birth	5890	1183	2918	770	6659	2452
fifth and subsequent	5218	930	2371	503	4367	1732
order unknown	121	71	408	311	46	42
In rural areas						
Total births	214333	26904	147112	24411	179106	41386
of which						
first child birth	93841	12638	73348	13439	75381	17478
second child birth	74432	6477	49245	6049	61345	11944
third child birth	27427	4026	14309	2796	25686	6622
fourth child birth	9280	1902	4992	1112	8904	2848
fifth and subsequent	9332	1857	5121	965	7782	2489
order unknown	21	4	97	50	8	5

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16.18. Death rates, by age group

(per 100 thsd. resident population of the respective age group)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total deaths	1220,4	1551,4	1550,6	1666,4	1626,5	1646,7	1637,4	1540,6	1528,2	1459,8	1460,2
of which those aged											
0–4	310,7	344,4	291,0	273,9	270,3	296,3	271,1	245,7	229,4	219,3	209,6
5–9	45,4	47,6	37,7	38,7	34,1	36,3	30,7	25,4	24,7	24,1	24,1
10–14	40,5	41,5	38,2	31,8	30,8	32,0	28,1	28,3	27,9	27,1	25,1
15–19	87,4	109,3	91,4	77,3	76,7	82,4	72,3	63,4	63,0	59,7	56,8
20–24	144,9	186,8	178,8	148,6	142,9	154,2	144,3	124,1	114,7	106,8	109,5
25–29	165,7	253,3	244,3	269,4	256,3	270,3	256,4	211,6	188,9	167,5	167,3
30–34	218,9	343,5	336,8	397,1	387,6	427,6	427,6	346,5	310,1	286,9	284,8
35–39	303,5	482,4	463,1	549,3	512,8	552,4	552,3	443,2	404,6	390,0	387,5
40–44	432,9	716,5	659,2	753,0	704,2	754,7	745,9	598,2	535,4	499,0	500,4
45–49	689,5	996,7	945,9	1026,1	950,6	995,2	969,6	789,8	709,1	674,6	678,0
50–54	969,9	1435,1	1278,2	1421,2	1313,5	1341,9	1325,0	1101,7	997,4	953,1	948,1
55–59	1408,2	1888,6	1780,5	1882,1	1783,8	1791,4	1787,5	1549,7	1448,3	1378,2	1383,2
60–64	2014,9	2639,1	2483,7	2649,8	2481,8	2437,7	2347,5	2167,0	2096,7	2037,0	2012,2
65–69	2843,7	3613,2	3532,0	3517,8	3411,3	3375,0	3294,6	3133,6	3084,4	2844,7	2821,1
70 and older	8606,4	9533,9	8637,3	8831,2	8681,6	8484,0	8311,2	8090,6	8196,3	7769,4	7745,2

16.19. Death rates, by major causes of death

	2005	2006	2007	2008	2009	2010	2011	2012
	Thsd.							
Total deaths	782,0	758,1	762,9	754,5	706,7	698,2	664,6	663,1
of which due to								
some infectious and parasitic diseases	17,2	16,3	16,8	17,3	15,1	14,6	14,1	13,9
tumours	91,8	90,4	90,0	89,0	88,6	88,8	89,0	92,9
diseases of blood circulation	488,8	480,8	480,6	480,1	460,6	465,1	440,3	436,4
respiratory diseases	28,0	24,7	25,1	23,3	21,1	19,5	17,9	17,1
digestive apparatus diseases	31,7	30,2	33,6	35,2	30,1	26,8	25,2	27,7
external causes of deaths and diseases	70,0	64,6	66,0	61,4	48,9	44,0	42,4	41,7
	Per 100 thsd. present population							
Total deaths	1660,0	1620,3	1640,3	1631,0	1534,6	1522,2	1454,0	1454,5
of which due to								
some infectious and parasitic diseases	36,6	34,8	36,1	37,3	32,9	31,9	30,7	30,5
tumours	195,0	193,1	193,6	192,4	192,4	193,5	194,6	203,7
diseases of blood circulation	1037,6	1027,6	1033,4	1037,9	1000,2	1013,9	963,4	957,3
respiratory diseases	59,4	52,9	53,9	50,3	45,8	42,5	39,1	37,5
digestive apparatus diseases	67,3	64,6	72,2	76,1	65,3	58,5	55,2	60,8
external causes of deaths and diseases	148,5	138,0	141,9	132,7	106,3	95,8	92,7	91,5

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16.20. Death rates by major causes of death in 2012, by region

(per 100 thsd. present population)

	Total deaths	Of which due to					
		some infectious and parasitic diseases	tumours	diseases of blood circulation	respiratory diseases	digestive apparatus diseases	external causes of deaths and diseases
Ukraine	1454,5	30,5	203,7	957,3	37,5	60,8	91,5
Autonomous Republic of Crimea	1371,9	35,9	192,7	920,5	28,1	51,2	99,4
oblasts							
Vinnitsya	1542,9	13,4	191,7	1124,4	27,6	45,4	87,8
Volyn	1319,2	23,7	138,3	895,9	68,6	52,4	85,6
Dnipropetrovsk	1553,6	61,9	236,0	993,8	41,8	76,2	100,5
Donetsk	1606,1	48,7	234,5	1027,5	33,2	84,0	109,3
Zhytomyr	1627,4	22,0	186,8	1112,2	49,6	52,3	109,6
Zakarpattia	1182,6	28,3	157,7	682,7	32,3	67,5	63,2
Zaporizhzhya	1476,5	28,4	258,8	939,6	34,1	50,3	96,1
Ivano-Frankivsk	1216,6	13,8	164,3	855,7	19,6	45,3	62,8
Kyiv	1578,4	29,1	216,5	1116,6	26,5	56,2	98,9
Kirovohrad	1654,1	37,9	233,2	1001,4	43,3	53,8	127,5
Luhansk	1603,6	28,4	204,7	1038,4	48,3	103,5	109,2
Lviv	1246,3	20,9	173,1	805,8	37,7	42,4	60,8
Mykolayiv	1469,3	45,2	187,5	884,6	29,6	75,6	101,0
Odesa	1406,8	50,5	198,4	895,0	34,3	73,9	96,7
Poltava	1645,0	24,9	227,8	1105,5	48,1	59,4	100,0
Rivne	1237,7	15,0	154,1	897,0	17,7	38,9	75,3
Sumy	1655,5	20,2	227,2	1057,1	58,5	59,6	111,5
Ternopil	1375,3	10,8	182,7	960,4	66,3	37,9	62,6
Kharkiv	1462,8	19,5	225,0	1010,2	26,0	55,0	90,1
Kherson	1471,5	35,3	201,8	891,9	26,1	63,9	110,1
Khmelnyskiy	1546,0	18,1	192,9	928,4	62,0	58,5	81,9
Cherkasy	1623,4	23,4	192,4	1129,0	66,7	57,1	98,6
Chernivtsi	1249,3	13,8	184,0	875,1	36,2	34,7	69,9
Chernihiv	1865,7	23,8	204,8	1367,2	50,6	50,4	110,9
cities							
Kyiv	983,9	21,0	182,7	623,1	17,9	46,0	53,4
Sevastopol ¹	1373,7	30,3	271,0	759,5	48,4	84,7	107,5

¹ See the second footnote to Table 16.4

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16.21. Death rates of infants under 1 year old

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	12,8	14,7	11,9	11,3	10,3	9,6	9,5	10,0	9,8	11,0	10,0	9,4	9,1	9,0	8,4
in urban areas	12,5	14,3	12,0	11,3	10,3	9,6	9,2	9,4	9,3	10,6	9,6	9,0	8,5	8,6	8,1
in rural areas	13,5	15,3	11,9	11,3	10,3	9,5	10,1	11,2	10,6	11,8	10,9	10,1	10,3	9,8	9,0

16.22. Mortality of infants under 1 year old, by major a causes of death

	2005	2006	2007	2008	2009	2010	2011	2012
Persons								
Total deaths	4259	4433	5188	5049	4801	4564	4511	4371
of which due to								
some infectious and parasitic diseases	199	215	192	169	125	134	141	120
neurotic diseases	113	123	168	124	135	141	121	136
respiratory diseases	197	180	183	150	134	143	133	129
digestion diseases	30	25	32	34	21	26	25	15
state emerged in prenatal period	1792	1917	2507	2624	2537	2398	2339	2311
congenital handicaps, malformation and chromosome anomalies	1200	1218	1331	1242	1152	1087	1100	1059
external causes of deaths and diseases	345	350	331	313	298	269	262	239
Per 10 thsd. live births								
Total deaths	99,9	97,6	110,2	100,0	93,7	91,3	89,9	84,4
of which due to								
some infectious and parasitic diseases	4,7	4,8	4,1	3,4	2,4	2,7	2,8	2,3
neurotic diseases	2,6	2,8	3,6	2,5	2,6	2,8	2,4	2,7
respiratory diseases	4,6	4,0	3,9	3,0	2,6	2,8	2,7	2,5
digestion diseases	0,7	0,6	0,7	0,7	0,4	0,5	0,5	0,3
state emerged in prenatal period	42,1	41,8	53,1	51,5	49,5	48,1	46,6	44,5
congenital handicaps, malformation and chromosome anomalies	28,2	26,8	28,3	24,6	22,5	21,7	21,9	20,5
external causes of deaths and diseases	8,1	7,8	7,1	6,3	5,8	5,3	5,2	4,6

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	12,8	14,7	11,9	11,3	10,3	9,6	9,5	10,0	9,8	11,0	10,0	9,4	9,1	9,0	8,4
Autonomous Republic of Crimea	11,6	14,0	11,4	12,2	11,5	9,0	9,0	9,0	10,0	11,0	10,9	8,9	8,8	9,1	8,8
oblasts															
Vinnitsya	10,4	12,3	9,9	9,1	9,4	7,0	8,0	9,1	9,3	10,5	9,8	8,3	8,4	10,4	9,1
Volyn	11,1	14,3	11,5	9,8	10,8	8,1	7,8	8,3	7,7	7,2	7,3	7,7	8,2	7,9	7,0
Dnipropetrovsk	13,0	14,6	12,7	12,5	11,6	10,0	10,4	10,2	10,5	11,1	10,8	8,8	9,7	9,5	10,0
Donetsk	12,1	16,2	13,9	13,3	11,8	11,3	11,8	11,5	11,0	13,8	12,2	12,3	12,0	11,4	12,6
Zhytomyr	14,5	13,0	10,4	10,1	10,7	9,9	9,3	9,5	11,1	9,6	8,0	8,5	9,1	8,9	8,0
Zakarpattia	12,6	12,5	9,4	9,9	8,4	8,1	8,3	11,5	9,6	12,1	11,4	13,1	10,9	10,6	8,9
Zaporizhzhya	14,3	15,5	14,8	11,6	12,8	12,7	10,0	11,1	9,8	12,9	9,9	9,4	10,1	9,3	8,2
Ivano-Frankivsk	15,9	19,3	13,7	14,2	10,4	10,0	10,3	12,9	10,6	13,5	10,7	9,1	10,3	8,8	6,4
Kyiv	13,5	11,4	9,0	11,3	9,9	7,8	8,8	7,5	9,4	8,9	7,3	7,1	7,0	7,1	5,7
Kirovohrad	11,2	13,9	11,7	12,6	11,0	10,7	9,7	11,1	13,3	12,3	12,7	10,9	10,6	13,1	9,4
Luhansk	14,9	14,3	13,2	11,6	11,3	11,0	10,3	11,7	12,3	14,0	13,9	11,6	9,4	8,8	7,6
Lviv	12,8	14,8	12,2	12,3	9,0	8,3	10,0	8,3	7,8	10,5	8,8	7,9	9,2	9,4	7,8
Mykolayiv	12,1	13,8	12,3	10,0	7,5	9,1	8,1	8,1	8,5	8,9	8,3	8,5	8,1	7,5	7,2
Odesa	13,5	16,5	13,7	12,9	9,7	10,6	10,5	10,7	11,1	11,6	9,9	9,7	9,2	9,2	8,8
Poltava	12,7	11,1	7,9	9,7	8,3	8,9	7,5	8,6	7,1	9,0	8,3	7,1	6,1	6,1	5,8
Rivne	12,1	17,2	13,7	10,9	11,7	9,4	9,5	10,4	9,5	11,2	9,0	9,4	9,2	8,9	8,1
Sumy	13,7	15,2	13,1	11,2	10,0	10,8	8,9	11,4	7,8	9,5	10,0	8,5	9,3	7,5	6,9
Ternopil	11,4	13,7	12,3	12,1	10,8	9,1	10,7	8,9	9,4	8,5	9,9	7,5	8,2	8,0	8,0
Kharkiv	12,7	16,1	11,3	10,8	8,5	9,7	9,6	10,2	7,7	10,2	9,4	9,3	9,2	8,9	7,5
Kherson	14,5	17,4	10,8	10,5	10,7	10,7	9,1	11,3	9,9	10,7	11,4	11,0	9,4	9,9	8,0
Khmelnyskiy	12,9	12,5	12,0	9,6	10,2	7,0	9,3	8,8	11,7	10,5	9,2	11,8	7,5	6,1	9,0
Cherkasy	10,9	13,4	10,7	10,3	11,3	10,7	8,7	10,2	9,9	10,9	11,3	10,5	10,0	8,1	9,6
Chernivtsi	15,3	16,1	10,7	11,0	11,4	8,9	10,6	12,6	13,2	11,6	10,1	8,2	8,2	8,5	8,0
Chernihiv	10,1	15,1	13,2	11,4	11,0	10,2	11,2	11,7	8,9	10,3	7,9	9,9	8,1	7,9	9,2
cities															
Kyiv	12,7	14,6	10,2	8,2	9,4	9,0	6,6	7,5	8,1	9,7	8,9	7,5	7,3	8,0	7,8
Sevastopol ¹	15,6	16,0	10,9	13,4	10,3	7,7	8,6	7,4	6,3	12,8	7,5	8,0	8,6	9,2	5,1

¹ See the second footnote to Table 16.4

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16.24. Deaths due to some external causes of deaths

	2005	2006	2007	2008	2009	2010	2011	2012
	Thsd.							
Total deaths	70,0	64,6	66,0	61,4	48,9	44,0	42,4	41,7
of which due to								
traffic accidents	9,9	9,9	11,5	9,6	6,6	5,9	5,8	5,9
unintended drowning and diving	4,2	3,9	4,3	3,5	3,0	3,2	2,6	2,7
accidents due to natural factors effects	5,7	5,0	4,2	4,4	3,4	2,7	2,3	1,5
unintended poisoning caused by toxins	14,1	12,2	11,7	11,5	8,4	6,6	6,4	6,7
of which due to unintended poisoning and alcohol	10,2	8,7	8,5	8,6	6,1	4,5	4,3	4,6
premeditated self-injury	10,6	10,0	10,0	9,5	9,7	9,1	9,0	9,1
consequences of assault with the purpose of murdering or injuring	4,5	4,2	4,2	3,8	3,1	2,8	2,5	2,3
	Per 100 thsd. present population							
Total deaths	148,5	138,0	141,9	132,7	106,3	95,8	92,7	91,5
of which due to								
traffic accidents	21,0	21,1	24,6	20,8	14,3	12,9	12,7	13,0
unintended drowning and diving	8,9	8,3	9,2	7,6	6,6	7,0	5,7	6,0
accidents due to natural factors effects	12,2	10,6	9,0	9,5	7,4	5,9	5,0	3,2
unintended poisoning caused by toxins	29,9	26,0	25,2	24,9	18,2	14,5	14,0	14,7
of which due to unintended poisoning and alcohol	21,7	18,5	18,3	18,6	13,2	9,8	9,5	10,1
premeditated self-injury	22,5	21,4	21,6	20,4	21,1	19,8	19,6	19,9
consequences of assault with the purpose of murdering or injuring	9,6	8,9	9,1	8,2	6,7	6,0	5,6	5,1

16.25. Life expectancy at birth

(years)

	Total	Including	
		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
1989–1990	70,7	65,9	75,0
1991–1992	69,3	64,2	74,2
1992–1993	68,7	63,5	73,7
1993–1994	68,0	62,8	73,2
1994–1995	67,2	61,8	72,7
1995–1996	66,9	61,4	72,7
1996–1997	67,4	61,9	73,0
1997–1998	68,1	62,7	73,5
1998–1999	68,3	63,0	73,7
1999–2000	67,9	62,4	73,6
2000–2001	68,3	62,8	74,1
2001–2002	68,3	62,7	74,1
2002–2003	68,2	62,6	74,1
2003–2004	68,2	62,6	74,1
2004–2005	68,0	62,2	74,0
2005–2006	68,1	62,4	74,1
2006–2007	68,3	62,5	74,2
2007–2008	68,3	62,5	74,3
2008–2009	69,3	63,8	74,9
2009–2010	70,4	65,3	75,5
2011	71,0	66,0	75,9
2012	71,2	66,1	76,0

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16.26. Marriages and divorces

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total registered marriages														
thsd.	482,8	431,7	274,5	317,2	371,0	278,2	332,1	355,0	416,4	322,0	318,2	305,9	355,9	278,3
per 1000 present population	9,3	8,4	5,6	6,6	7,8	5,9	7,1	7,6	9,0	7,0	6,9	6,7	7,8	6,1
Total registered divorces														
thsd.	192,8	198,3	197,3	183,5	177,2	173,2	183,5	179,1	178,4	166,8	145,4	126,1	61,9	49,8
per 1000 present population	3,7	3,8	4,0	3,8	3,7	3,6	3,9	3,8	3,8	3,6	3,2	2,7 ¹	1,4 ¹	1,1 ¹

¹ The information is derived from civil status acts provided by the State Registration Authority excluding divorces through the courts (according to the Ukraine's Law *On State Registration of Civil Status Acts* of July 1, 2010 № 2398–VI)

In 2012, according to data from the State Judicial Administration, the first instance-courts considered 117896 suits about divorces pertaining to the pursuit of claims subject to satisfaction and 805 suits about divorces of separate pursuit of claims with claims subject to satisfaction.

16.27. Married persons, by pre-marriage status and sex

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Males											
Total	482753	431731	274523	332143	354959	416427	321992	318198	305933	355880	278276
of which											
never married before	364619	322143	201178	247888	268947	318234	242285	239498	231972	271064	209523
widowers	14293	10956	7859	7754	7129	7227	6089	5747	5046	5175	4147
divorced	103694	98632	65486	76501	78883	90966	73618	72953	68915	79641	64606
status unknown	147	—	—	—	—	—	—	—	—	—	—
Females											
Total	482753	431731	274523	332143	354959	416427	321992	318198	305933	355880	278276
of which											
never married before	372794	328072	204277	251476	272776	321779	244190	242123	234320	273533	210373
widows	17716	13704	10197	10824	10391	11238	9277	8510	7486	7927	6371
divorced	92037	89955	60049	69843	71792	83410	68525	67565	64127	74420	61532
status unknown	206	—	—	—	—	—	—	—	—	—	—

16.28. Population migration in 2012

	Persons			Per 10 thsd. present population		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
Total migration	726226	664382	61844	159,2	145,7	13,5
within Ukraine	649865	649865	×	142,5	142,5	×
within individual regions	377590	377590	×	82,8	82,8	×
interregional migration	272275	272275	×	59,7	59,7	×
international migration	76361	14517	61844	16,7	3,2	13,5

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16.29. Population migration in 2012, by region

	International migration			Interregional migration		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
Persons						
Ukraine	76361	14517	61844	272275	272275	×
Autonomous Republic of Crimea	5096	768	4328	9355	9271	84
oblasts						
Vinnitsya	1961	543	1418	9261	11010	-1749
Volyn	598	261	337	5080	5693	-613
Dnipropetrovsk	4506	1047	3459	13577	15141	-1564
Donetsk	5696	1326	4370	11599	16048	-4449
Zhytomyr	741	264	477	9741	9315	426
Zakarpattia	324	475	-151	2735	3105	-370
Zaporizhzhya	3017	557	2460	7276	8637	-1361
Ivano-Frankivsk	1784	384	1400	5506	5546	-40
Kyiv	2106	489	1617	25132	18060	7072
Kirovohrad	617	214	403	6911	9071	-2160
Luhansk	3261	779	2482	6558	10592	-4034
Lviv	2478	473	2005	8899	9693	-794
Mykolayiv	990	311	679	5688	7347	-1659
Odesa	8016	671	7345	11711	8929	2782
Poltava	1687	270	1417	8176	9379	-1203
Rivne	295	206	89	6483	7974	-1491
Sumy	505	257	248	5838	7261	-1423
Ternopil	415	318	97	5245	5810	-565
Kharkiv	13889	748	13141	18055	16071	1984
Kherson	519	236	283	5449	7606	-2157
Khmelnyskiy	575	295	280	8719	9725	-1006
Cherkasy	879	223	656	9576	10778	-1202
Chernivtsi	1542	230	1312	3768	3452	316
Chernihiv	819	219	600	6859	8180	-1321
cities						
Kyiv	12734	2719	10015	50483	35780	14703
Sevastopol ¹	1311	234	1077	4595	2801	1794

POPULATION

Table 16.29 continued

	International migration			Interregional migration		
	total immigrants	total emigrants	migration balance	total immigrants	total emigrants	migration balance
Per 10 thsd. present population						
Ukraine	16,7	3,2	13,5	59,7	59,7	×
Autonomous Republic of Crimea	25,9	3,9	22,0	47,6	47,2	0,4
oblasts						
Vinnitsya	12,0	3,3	8,7	56,8	67,5	-10,7
Volyn	5,8	2,5	3,3	48,9	54,8	-5,9
Dnipropetrovsk	13,6	3,2	10,4	41,0	45,7	-4,7
Donetsk	13,0	3,0	10,0	26,4	36,6	-10,2
Zhytomyr	5,8	2,1	3,7	76,7	73,3	3,4
Zakarpattia	2,6	3,8	-1,2	21,8	24,8	-3,0
Zaporizhzhya	16,9	3,1	13,8	40,7	48,3	-7,6
Ivano-Frankivsk	12,9	2,8	10,1	39,9	40,2	-0,3
Kyiv	12,2	2,8	9,4	146,1	105,0	41,1
Kirovohrad	6,2	2,2	4,0	69,2	90,8	-21,6
Luhansk	14,4	3,4	11,0	29,0	46,8	-17,8
Lviv	9,8	1,9	7,9	35,0	38,1	-3,1
Mykolayiv	8,4	2,6	5,8	48,4	62,5	-14,1
Odesa	33,5	2,8	30,7	49,0	37,4	11,6
Poltava	11,5	1,9	9,6	55,5	63,7	-8,2
Rivne	2,6	1,8	0,8	56,1	69,0	-12,9
Sumy	4,4	2,2	2,2	50,9	63,3	-12,4
Ternopil	3,8	2,9	0,9	48,6	53,9	-5,3
Kharkiv	50,6	2,7	47,9	65,8	58,6	7,2
Kherson	4,8	2,2	2,6	50,5	70,4	-19,9
Khmelnyskiy	4,4	2,3	2,1	66,2	73,8	-7,6
Cherkasy	6,9	1,8	5,1	75,2	84,6	-9,4
Chernivtsi	17,0	2,5	14,5	41,6	38,1	3,5
Chernihiv	7,5	2,0	5,5	63,3	75,5	-12,2
cities						
Kyiv	45,0	9,6	35,4	178,4	126,5	51,9
Sevastopol ¹	34,3	6,1	28,2	120,2	73,3	46,9

¹ See the second footnote to Table 16.4

17. EMPLOYMENT

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.

Since 1995 basing on recommendations of International Labour Organisation (ILO) implemented of sample surveys of economic activity of the population (households) in practice of the state statistics offices. These sample surveys are conducted in the areas where the population inhabit and covers persons aged 15–70 for whom the estimates of indicators for economic activity employment and unemployment are produced.

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 to a work place, had their own enterprise (own business), however, they did not work during the reference period for the reasons beyond their control.

In Table 17.4 data on average annual number of the employed before 1995 (inclusive) are based on balance of labour force and since 2000 from sample surveys of

the households. In this Table the distribution of the employed at enterprises, organisations prior to 1990 (inclusive) is made according to *General Classification of Economic Industries* and from 1995 by *Classification of Types of Economic Activity*. The distribution of the total employed by type of economic activity (Table 17.5) is made through a complex estimate based on integration of data from sample surveys of households, the state statistical observations over enterprises, departments, organisations and administrative reporting.

The number of employees at enterprises, departments, organisations (Tables 17.7, 17.8) 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 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 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 (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 surveys of economically active population, 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.

Tables 17.17–17.27 present the information of the State Employment Office.

Registered unemployed, according to the current legislation are persons of working ages who through the absence of work are not aid employees or do not receive income stipulated by the legislation and are registered at a State Employment Service as seeking employment and are available and capable for any gainful activity.

The unemployed include the disabled who have not reached the pension age, do not work and are registered as those who are looking for a job.

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.

Load of persons not engaged in labour activity per one vacant work place, vacancy is defined as a ratio of citizens registered at the State Employment Service who not engaged in labour activity to the number of vacant work places, vacancies declared by enterprises, departments and organisations.

Layoffs due to economic reasons are persons dismissed from enterprises, departments and organisations because of reorganisation, liquidation of production, cuts in numbers or staff.

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).

Indicators in the tables 17.28–17.39 are compiled by using data from the state statistical survey that cover enterprises, establishments and organisations employed wage labour. Till 2010 by businesses, establishments, organisations and their separate units without employees of statistically small businesses.

Since 2010 new methodical basis for sample frame design was introduced into the labour force survey. In this context, large and medium enterprises, establishments, organisations and their separate subdivisions with average number of 50 and more employees (including non-staff members) are subject to exhaustive survey, while enterprises with 10–49 of employees are surveyed at the sample base.

Due to modifications taken part in the survey organisation and scope of surveyed units direct comparison since of the 2010 data with the similar data of the previous years is incorrect.

Staff members number include persons who are in labour relationship with the enterprise and receive wages except those temporarily absent at work, for whom the working place is kept (are in maternity leave or in additional holiday on child care upon achievement of the age stipulated by legislation).

Tables 17.31–17.33; 17.39 present the accountable strength of **regular employees (payroll staff)** for the end of 2012.

Tables 17.28–17.30 give the indicator on the **average registered number of regular employees** and which does not include those working according to the 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).

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

Staff training and skills upgrading cover the employees from enterprises, departments and organisations who were trained directly on the site or at educational establishments of different types on accounts of enterprises' funds.

Training in new professions includes the primary professional training of persons who previously did not have any professions

and staff retraining in new professions as compared with the previously acquired one.

Qualification upgrading is training with the purpose of deepening the previously gained knowledge, skills and abilities to meet the production requirements or needs of the service sphere.

The category of employees who underwent training and qualification upgrading excludes employees who were trained on order of the State Employment Service or learnt at educational institutions independently.

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.

Information about the **number of concluded and registered collective agreements** is submitted by enterprises, departments, and organisations where they are used according to Ukraine's Law *On Collective Contracts and Agreements*.

Employees who are covered by collective contracts are persons who regularly work for enterprise regardless of their membership in the trade union including those who have been absent due to different reasons when the report was compiled.

EMPLOYMENT

17.1. Population, by economic activity

(aged 15–70; thsd.)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Economically active population	22830,8	22280,8	22245,4	22322,3	22397,4	22150,3	22051,6	22056,9	22011,5
working age	21150,7	20481,7	20545,9	20606,2	20675,7	20321,6	20220,7	20247,9	20393,5
older than working age	1680,1	1799,1	1699,5	1716,1	1721,7	1828,7	1830,9	1809,0	1618,0
Employed	20175,0	20680,0	20730,4	20904,7	20972,3	20191,5	20266,0	20324,2	20354,3
working age	18520,7	18886,5	19032,2	19189,5	19251,7	18365,0	18436,5	18516,2	18736,9
older than working age	1654,3	1793,5	1698,2	1715,2	1720,6	1826,5	1829,5	1808,0	1617,4
Unemployed	2655,8	1600,8	1515,0	1417,6	1425,1	1958,8	1785,6	1732,7	1657,2
working age	2630,0	1595,2	1513,7	1416,7	1424,0	1956,6	1784,2	1731,7	1656,6
older than working age	25,8	5,6	1,3	0,9	1,1	2,2	1,4	1,0	0,6
Economically inactive population	13318,4	13559,7	13542,1	13312,0	12971,1	12823,0	12575,5	12265,5	12055,3
working age	7562,4	8410,3	8318,0	8144,8	7909,5	8051,7	7878,0	7601,5	7540,7
older than working age	5756,0	5149,4	5224,1	5167,2	5061,6	4771,3	4697,5	4664,0	4514,6

17.2. Population in 2012, by economic activity, sex and place of residence

(aged 15–70; thsd.)

	Total	Of which			
		females	males	urban population	rural population
Economically active population	22011,5	10524,8	11486,7	15132,9	6878,6
working age	20393,5	9424,1	10969,4	14268,4	6125,1
older than working age	1618,0	1100,7	517,3	864,5	753,5
Employed	20354,3	9846,3	10508,0	13983,6	6370,7
working age	18736,9	846,2	9990,7	13119,7	5617,2
older than working age	1617,4	1100,1	517,3	863,9	753,5
Unemployed	1657,2	678,5	978,7	1149,3	507,9
working age	1656,6	677,9	978,7	1148,7	507,9
older than working age	0,6	0,6	—	0,6	—
Economically inactive population	12055,3	7437,7	4617,6	8772,4	3282,9
working age	7540,7	4293,5	3247,2	5332,7	2208,0
older than working age	4514,6	3144,2	1370,4	3439,7	1074,9

EMPLOYMENT

17.3. Economically active population, by region*(aged 15–70)*

	2000		2005		2010		2012	
	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	22011,5	64,6
Autonomous Republic of Crimea	989,8	61,2	958,7	62,2	964,7	64,5	970,3	65,9
oblasts								
Vinnitsya	919,1	72,1	775,4	61,8	771,2	63,9	768,4	64,6
Volyn	540,0	72,0	471,8	63,1	474,1	63,6	481,8	64,5
Dnipropetrovsk	1735,8	63,7	1665,7	61,8	1659,6	64,9	1637,0	65,7
Donetsk	2383,5	63,8	2265,1	62,6	2166,6	63,7	2157,2	65,2
Zhytomyr	624,8	61,9	632,5	64,2	621,1	65,9	609,2	65,6
Zakarpattia	569,6	62,9	592,3	64,5	582,2	63,1	581,4	63,0
Zaporizhzhya	924,4	62,7	908,3	62,4	892,6	64,3	882,6	65,2
Ivano-Frankivsk	653,3	64,6	572,8	56,5	577,8	57,0	595,4	58,7
Kyiv	847,2	62,8	846,9	62,8	817,6	63,2	808,3	63,2
Kirovohrad	511,1	61,5	501,5	61,9	473,5	62,4	473,7	64,0
Luhansk	1135,3	57,5	1143,2	60,1	1094,1	61,6	1077,1	62,5
Lviv	1249,5	65,2	1167,0	61,2	1190,0	62,9	1189,0	63,2
Mykolayiv	586,4	61,8	595,0	63,2	586,1	64,5	579,3	65,0
Odesa	1151,3	62,1	1086,4	58,7	1112,5	61,3	1126,0	62,8
Poltava	748,2	62,5	744,5	62,9	714,0	63,4	713,9	64,8
Rivne	491,7	59,2	511,1	61,2	532,0	64,0	545,8	65,6
Sumy	603,5	62,6	591,2	63,0	556,2	62,7	568,6	65,5
Ternopil	475,1	58,1	467,4	57,9	482,1	60,6	487,4	61,6
Kharkiv	1463,5	65,9	1388,8	62,5	1365,2	63,9	1373,6	65,7
Kherson	556,4	62,8	548,9	63,1	534,9	64,4	523,4	64,3
Khmelnyskiy	652,7	63,0	641,9	63,4	635,5	64,7	625,0	64,6
Cherkasy	605,9	59,3	641,6	63,2	627,3	64,9	618,5	65,3
Chernivtsi	354,0	53,6	401,2	60,4	418,0	62,7	420,7	63,0
Chernihiv	586,9	64,8	562,3	64,9	536,2	66,2	527,1	66,7
cities								
Kyiv	1333,3	66,2	1412,6	66,2	1473,7	67,5	1480,8	68,2
Sevastopol	138,5	64,1	186,7	62,7	192,8	66,0	190,0	66,1

EMPLOYMENT

17.4. Employment

	Total employed, thsd.	Employees of enterprises, organisations and establishments, thsd.	Of which			
			industry		agriculture, hunting, forestry	
			thsd.	percent of the total employed	thsd.	percent of the total employed
1960	20310,5	17359,9	4463,2	22,0	6647,3	32,7
1965	21631,1	19758,2	5461,8	25,2	6581,6	30,4
1970	23036,1	21972,4	6450,8	28,0	6017,9	26,1
1975	24331,5	23651,2	7054,3	29,0	5723,1	23,5
1980	25334,7	24760,0	7784,5	30,7	5250,1	20,7
1985	25591,6	25096,5	8016,8	31,3	4950,9	19,3
1990	25419,1	24666,0	7788,9	30,6	4344,4	17,1
1995	23725,5	20358,9	6072,6	25,6	4219,1	17,8
2000	20175,0	16044,0	4474,2	22,2	2752,8	13,6
2001	19971,5	15279,2	4254,0	21,3	2348,0	11,8
2002	20091,2	14793,5	4074,9	20,3	2101,1	10,5
2003	20163,3	14323,5	3939,5	19,5	1754,8	8,7
2004	20295,7	14041,2	3897,2	19,2	1613,8	8,0
2005	20680,0	14005,3	3878,0	18,8	1418,1	6,9
2006	20730,4	14069,2	3808,9	18,4	1295,3	6,2
2007	20904,7	14001,9	3703,1	17,7	1104,2	5,3
2008	20972,3	13938,9	3579,6	17,1	987,3	4,7
2009	20191,5	12948,5	3184,6	15,8	893,2	4,4
2010	20266,0	12564,2	3031,1	15,0	794,7	3,9
2011	20324,2	12093,8	2960,5	14,6	719,9	3,5
2012	20354,3	12181,3	2924,6	14,4	741,7	3,6

17.5. Number of employment, by type of economic activity

(thsd.)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total	20175,0	20680,0	20730,4	20904,7	20972,3	20191,5	20266,0	20324,2	20354,3
Agriculture, hunting, forestry	4334,1	3986,3	3633,8	3468,1	3300,1	3131,0	3094,5	3393,8	3492,4
Industry	4598,3	4072,4	4036,9	3973,0	3871,4	3546,9	3461,5	3352,7	3303,6
Construction	903,6	941,5	987,1	1030,2	1043,4	966,2	943,0	924,5	902,2
Trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	3121,3	4175,2	4403,9	4564,4	4744,4	4729,1	4832,0	4865,0	4894,1
Transport and communications	1355,0	1400,5	1428,3	1451,9	1465,8	1387,9	1389,7	1379,5	1361,3
Financial activity	166,1	247,9	283,9	344,4	394,9	351,4	332,8	350,6	324,3
Real estate transactions, renting, engineering and provision of services to businessmen	815,9	966,6	1041,9	1134,7	1150,4	1148,9	1153,2	1187,5	1202,5
Public administration	1198,6	1028,9	1033,7	1036,4	1067,5	1078,6	1223,8 ¹	1055,5	1079,4 ¹
Education	1609,7	1668,2	1690,5	1693,7	1702,4	1698,4	1688,3	1677,6	1672,9
Health care and provision of social aid	1379,6	1356,6	1356,7	1359,0	1369,9	1348,1	1341,4	1320,8	1309,9
Other types of economic activity	692,8	835,9	833,7	848,9	862,1	805,0	805,8	816,7	811,7

¹ Estimated number of temporary employees involved in the preparation and conduct elections in 2010, of the President's in Ukraine and the members of local councils; in 2012, of the Verkhovna Rada of Ukraine. According to the methodology, specified number of the employed is calculated as an average for the year

EMPLOYMENT

17.6. Employment, by region*(aged 15–70)*

	2000		2005		2010		2012	
	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	20354,3	59,7
Autonomous Republic of Crimea	909,9	56,2	906,1	58,7	904,5	60,5	914,2	62,1
oblasts								
Vinnitsya	839,4	65,9	723,0	57,6	694,3	57,5	701,1	58,9
Volyn	486,2	64,8	429,9	57,5	433,6	58,2	442,8	59,3
Dnipropetrovsk	1534,3	56,3	1573,8	58,4	1541,9	60,3	1528,5	61,4
Donetsk	2153,2	57,6	2124,9	58,7	1983,7	58,3	1985,4	60,0
Zhytomyr	548,0	54,3	570,6	57,9	560,3	59,5	550,3	59,3
Zakarpattia	503,3	55,6	551,0	60,0	531,8	57,7	530,8	57,5
Zaporizhzhya	807,4	54,8	846,0	58,2	825,7	59,5	821,2	60,6
Ivano-Frankivsk	584,7	57,8	522,5	51,6	530,3	52,3	548,5	54,1
Kyiv	739,0	54,8	791,0	58,6	757,9	58,6	757,5	59,2
Kirovohrad	435,2	52,4	457,5	56,5	431,2	56,9	433,7	58,6
Luhansk	1008,3	51,1	1054,4	55,4	1015,4	57,1	1008,6	58,5
Lviv	1082,7	56,5	1064,6	55,8	1096,7	58,0	1099,9	58,4
Mykolayiv	501,0	52,8	539,8	57,3	536,7	59,1	533,7	59,9
Odesa	1015,0	54,7	1028,1	55,6	1044,5	57,5	1060,4	59,2
Poltava	672,3	56,2	690,3	58,3	644,8	57,3	652,7	59,3
Rivne	431,8	52,0	461,6	55,2	471,2	56,7	492,5	59,2
Sumy	513,8	53,3	546,0	58,1	497,0	56,0	519,6	59,9
Ternopil	409,4	50,1	425,1	52,6	431,3	54,2	439,4	55,5
Kharkiv	1272,4	57,3	1297,2	58,4	1267,3	59,3	1280,6	61,2
Kherson	479,3	54,1	499,9	57,5	488,8	58,9	477,7	58,7
Khmelnyskiy	562,9	54,4	586,0	57,9	580,6	59,1	571,3	59,0
Cherkasy	534,9	52,3	578,7	57,0	564,9	58,4	562,7	59,4
Chernivtsi	293,6	44,5	361,7	54,5	382,4	57,4	387,2	57,9
Chernihiv	520,5	57,5	517,9	59,8	480,1	59,2	475,5	60,1
cities								
Kyiv	1218,3	60,5	1352,0	63,3	1387,8	63,6	1399,8	64,5
Sevastopol	118,2	54,7	180,4	60,6	181,3	62,0	178,7	62,2

EMPLOYMENT

17.7. Number of employees, by type of economic activity

(thsd.)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total	16044,0	14005,3	14069,2	14001,9	13938,9	12948,5	12564,2	12093,8	12181,3
Agriculture, hunting, forestry	2752,8	1418,1	1295,3	1104,2	987,3	893,2	794,7	719,9	741,7
Industry	4474,2	3878,0	3808,9	3703,1	3579,6	3184,6	3031,1	2960,5	2924,6
Construction	781,7	677,6	709,3	741,0	745,6	570,0	496,6	424,5	409,8
Trade; repair of motor vehicles, household appliances and personal demand items. Hotels and restaurants	1206,6	1234,2	1347,1	1451,4	1562,8	1415,5	1316,7	1293,4	1377,6
Transport and communications	1178,5	1090,2	1097,8	1088,3	1078,5	1039,7	1009,7	986,6	997,8
Financial activity	165,2	245,6	279,7	336,7	385,2	338,9	317,6	338,6	314,3
Real estate transactions, renting, engineering and provision of services to businessmen	766,3	884,1	934,2	973,1	967,1	938,8	917,8	899,4	932,8
Public administration	1198,6	1028,9	1033,7	1036,4	1067,5	1078,6	1223,8 ¹	1055,5	1079,4 ¹
Education	1608,5	1662,0	1682,7	1683,6	1691,0	1687,5	1676,8	1664,1	1659,7
Health care and provision of social aid	1370,5	1338,3	1336,7	1335,9	1330,9	1322,0	1309,9	1292,0	1282,9
Other types of economic activity	541,1	548,3	543,8	548,2	543,4	479,7	469,5	459,3	460,7

¹ See the footnote to Table 17.5

17.8. Number of employees, by region

(thsd.)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	16044,0	14005,3	14069,2	14001,9	13938,9	12948,5	12564,2	12093,8	12181,3
Autonomous Republic of Crimea	611,6	585,3	580,4	571,8	575,8	540,9	513,1	480,5	474,5
oblasts									
Vinnitsya	590,6	502,4	472,6	460,0	450,0	409,3	405,2	386,1	388,8
Volyn	320,8	263,6	272,3	271,3	271,2	253,2	247,2	238,0	237,8
Dnipropetrovsk	1342,8	1170,8	1181,9	1198,1	1186,5	1095,0	1058,2	1062,0	1056,1
Donetsk	1703,2	1480,6	1481,5	1501,2	1483,4	1354,9	1314,8	1250,1	1268,1
Zhytomyr	457,9	367,9	376,2	375,9	366,6	334,4	327,8	312,1	311,5
Zakarpattia	305,6	247,4	248,8	247,3	247,7	234,6	233,3	221,5	218,0
Zaporizhzhya	701,2	633,6	626,3	631,1	622,7	570,1	540,4	512,7	502,4
Ivano-Frankivsk	356,8	291,7	301,5	301,3	301,7	276,6	268,4	258,3	256,6
Kyiv	659,7	647,4	650,8	653,4	652,7	617,1	615,9	604,8	635,7
Kirovohrad	356,1	281,2	287,9	274,2	267,8	253,4	248,5	234,6	234,2
Luhansk	781,3	685,9	683,0	681,9	676,7	629,5	615,2	588,2	585,5
Lviv	817,9	723,1	744,6	735,0	732,1	673,2	646,4	622,6	620,1
Mykolayiv	423,5	348,8	351,2	327,7	321,5	297,0	288,1	274,1	274,4
Odesa	789,9	704,6	697,4	705,4	698,7	653,7	642,3	609,0	606,3
Poltava	573,9	488,0	502,5	486,0	481,3	437,1	432,4	413,9	415,9
Rivne	343,5	284,1	289,8	287,2	286,5	270,0	263,6	250,5	248,5
Sumy	456,2	361,8	364,8	361,0	353,6	323,4	312,7	295,4	293,0
Ternopil	330,5	249,2	256,7	250,0	245,3	223,3	217,8	207,6	209,5
Kharkiv	986,0	869,8	893,8	881,2	868,4	814,1	770,5	745,1	760,4
Kherson	372,8	274,4	267,7	264,6	264,1	245,8	238,5	227,2	223,9
Khmelnyskiy	482,6	356,7	342,3	335,9	329,6	308,5	304,4	289,2	288,4
Cherkasy	469,8	379,1	386,4	381,2	375,4	344,3	337,9	322,5	322,0
Chernivtsi	230,3	179,3	177,5	175,9	176,2	166,5	162,6	157,4	155,0
Chernihiv	402,7	342,9	341,7	336,3	330,4	298,3	291,1	281,7	280,0
cities									
Kyiv	1062,8	1151,9	1162,8	1178,7	1247,9	1206,1	1155,2	1143,6	1209,4
Sevastopol	114,0	133,8	126,8	128,3	125,1	118,2	112,7	105,1	105,3

EMPLOYMENT

17.9. ILO unemployment, by region*(aged 15–70)*

	2000		2005		2010		2012	
	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	1657,2	7,5
Autonomous Republic of Crimea	79,9	8,1	52,6	5,5	60,2	6,2	56,1	5,8
oblasts								
Vinnitsya	79,7	8,7	52,4	6,8	76,9	10,0	67,3	8,8
Volyn	53,8	10,0	41,9	8,9	40,5	8,5	39,0	8,1
Dnipropetrovsk	201,5	11,6	91,9	5,5	117,7	7,1	108,5	6,6
Donetsk	230,3	9,7	140,2	6,2	182,9	8,4	171,8	8,0
Zhytomyr	76,8	12,3	61,9	9,8	60,8	9,8	58,9	9,7
Zakarpattia	66,3	11,6	41,3	7,0	50,4	8,7	50,6	8,7
Zaporizhzhya	117,0	12,7	62,3	6,9	66,9	7,5	61,4	7,0
Ivano-Frankivsk	68,6	10,5	50,3	8,8	47,5	8,2	46,9	7,9
Kyiv	108,2	12,8	55,9	6,6	59,7	7,3	50,8	6,3
Kirovohrad	75,9	14,9	44,0	8,8	42,3	8,9	40,0	8,4
Luhansk	127,0	11,2	88,8	7,8	78,7	7,2	68,5	6,4
Lviv	166,8	13,3	102,4	8,8	93,3	7,8	89,1	7,5
Mykolayiv	85,4	14,6	55,2	9,3	49,4	8,4	45,6	7,9
Odesa	136,3	11,8	58,3	5,4	68,0	6,1	65,6	5,8
Poltava	75,9	10,1	54,2	7,3	69,2	9,7	61,2	8,6
Rivne	59,9	12,2	49,5	9,7	60,8	11,4	53,3	9,8
Sumy	89,7	14,9	45,2	7,6	59,2	10,6	49,0	8,6
Ternopil	65,7	13,8	42,3	9,1	50,8	10,5	48,0	9,8
Kharkiv	191,1	13,1	91,6	6,6	97,9	7,2	93,0	6,8
Kherson	77,1	13,9	49,0	8,9	46,1	8,6	45,7	8,7
Khmelnyskiy	89,8	13,8	55,9	8,7	54,9	8,6	53,7	8,6
Cherkasy	71,0	11,7	62,9	9,8	62,4	9,9	55,8	9,0
Chernivtsi	60,4	17,1	39,5	9,8	35,6	8,5	33,5	8,0
Chernihiv	66,4	11,3	44,4	7,9	56,1	10,5	51,6	9,8
cities								
Kyiv	115,0	8,6	60,6	4,3	85,9	5,8	81,0	5,5
Sevastopol	20,3	14,7	6,3	3,4	11,5	6,0	11,3	5,9

EMPLOYMENT

17.10. Economically active population in 2012, 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	22011,5	2412,9	3137,4	2836,9	2811,6	5348,0	4322,3	1142,4
females	10524,8	1010,8	1342,4	1281,8	1356,8	2755,7	2152,2	625,1
males	11486,7	1402,1	1795,0	1555,1	1454,8	2592,3	2170,1	517,3
employed	20354,3	1995,7	2839,4	2638,0	2630,4	5015,6	4093,4	1141,8
females	9846,3	847,7	1234,4	1201,4	1278,5	2595,9	2063,9	624,5
males	10508,0	1148,0	1605,0	1436,6	1351,9	2419,7	2029,5	517,3
unemployed	1657,2	417,2	298,0	198,9	181,2	332,4	228,9	0,6
females	678,5	163,1	108,0	80,4	78,3	159,8	88,3	0,6
males	978,7	254,1	190,0	118,5	102,9	172,6	140,6	0,0

17.11. Employment rate in 2012, 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	59,7	33,7	73,8	77,5	80,1	80,0	62,2	24,0
females	54,8	29,3	65,3	70,7	76,5	79,0	56,5	21,7
males	65,2	37,9	82,0	84,2	83,8	81,1	69,3	27,4
urban population	58,5	30,5	74,3	78,2	80,9	80,3	60,5	17,0
rural population	62,7	40,3	72,5	75,5	78,3	79,5	66,4	39,8

17.12. ILO unemployment rate in 2012, 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	7,5	17,3	9,5	7,0	6,4	6,2	5,3	0,1
females	6,4	16,1	8,0	6,3	5,8	5,8	4,1	0,1
males	8,5	18,1	10,6	7,6	7,1	6,7	6,5	0,0
urban population	7,6	18,9	9,5	6,8	6,4	6,0	5,2	0,1
rural population	7,4	14,6	9,4	7,6	6,6	6,8	5,5	0,0

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17.13. ILO unemployed, by duration of out of work

(aged 15–70)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total unemployed, thsd.	2655,8	1600,8	1515,0	1417,6	1425,1	1958,8	1785,6	1732,7	1657,2
of which persons who had jobs in the past	2115,7	1234,6	1182,1	1089,8	1112,5	1615,2	1409,3	1319,2	1283,4
of which by period of out of work, percent									
under 1 month	2,5	6,4	6,8	7,9	12,7	8,5	7,2	7,8	9,9
from 1 to 3 months	8,3	15,3	17,6	20,5	23,2	23,4	18,7	22,7	21,4
from 3 to 6 months	9,0	17,5	19,7	20,2	18,9	25,9	21,2	23,2	22,5
from 6 to 9 months	7,8	10,0	11,4	10,1	9,5	14,3	11,6	10,9	11,2
from 9 to 12 months	9,1	8,3	6,9	6,4	7,0	9,5	7,4	7,0	7,0
12 months and longer	63,3	42,5	37,6	34,9	28,7	18,4	33,9	28,4	28,0
<i>Average period of out of work, months</i>	<i>23</i>	<i>16</i>	<i>14</i>	<i>13</i>	<i>11</i>	<i>9</i>	<i>12</i>	<i>11</i>	<i>11</i>

17.14. ILO unemployed, by duration of job search

(aged 15–70)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total unemployed, thsd.	2655,8	1600,8	1515,0	1417,6	1425,1	1958,8	1785,6	1732,7	1657,2
of which those who sought a job or tried to establish own business	2176,3	1523,5	1443,8	1362,6	1347,9	1896,6	1711,8	1674,4	1608,5
of which, by duration of job search, percent									
under 1 month	3,6	9,7	10,9	11,9	14,6	11,0	9,8	12,0	12,0
from 1 to 3 months	11,2	23,4	25,4	27,2	30,8	28,4	24,3	28,4	26,1
from 3 to 6 months	11,7	20,4	21,7	22,0	19,9	26,9	21,8	23,2	22,4
from 6 to 9 months	8,5	10,7	10,7	10,6	9,0	13,4	11,3	10,5	10,7
from 9 to 12 months	9,6	6,0	5,5	5,3	5,1	6,3	9,2	6,4	7,0
12 months and longer	55,4	29,8	25,8	23,0	20,6	14,0	23,6	19,5	21,8
<i>Average duration of job search, months</i>	<i>10</i>	<i>7</i>	<i>6</i>	<i>6</i>	<i>6</i>	<i>6</i>	<i>7</i>	<i>6</i>	<i>6</i>

EMPLOYMENT

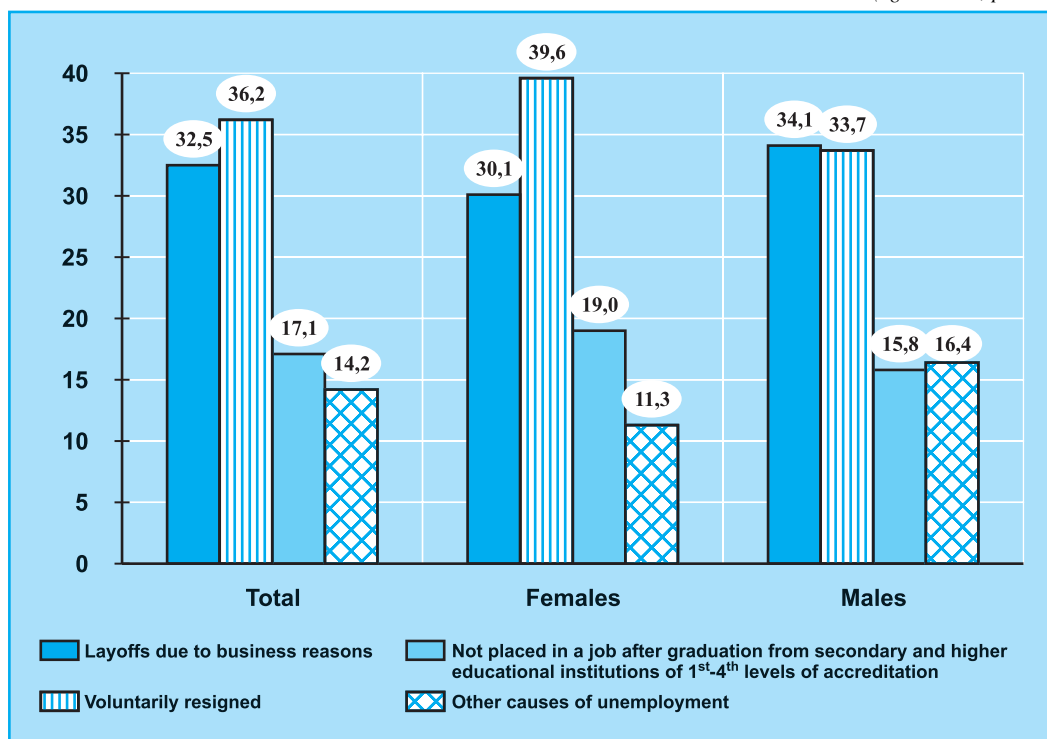
17.15. ILO unemployed, by cause of unemployment

(aged 15–70)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total unemployed, thsd.	2655,8	1600,8	1515,0	1417,6	1425,1	1958,8	1785,6	1732,7	1657,2
By cause of unemployment, percent									
layoffs due to business reasons	40,2	31,3	30,0	28,9	28,1	45,5	39,0	34,5	32,5
voluntarily resigned	29,8	35,1	37,4	38,2	38,6	27,0	29,1	32,0	36,2
demobilised after term military service	2,3	1,5	1,1	1,2	1,2	0,8	1,3	1,3	1,4
not placed in a job after graduation from secondary school and higher educational institutions of 1 st –4 th levels of accreditation	18,3	16,3	17,0	17,4	18,3	14,1	16,2	18,7	17,1
layoffs caused by state of health, old-age pension or disability	1,1	1,7	1,2	0,8	0,7	0,7	0,9	0,9	1,5
layoffs due to the end of contract	5,1	7,7	10,3	10,3	10,9	9,0	10,4	9,5	8,5
other causes of unemployment	3,2	6,4	3,0	3,2	2,2	2,9	3,1	3,1	2,8

17.16. ILO unemployed in 2012 by cause of unemployment and sex

(aged 15–70; percent)



EMPLOYMENT

17.17. Layoffs of employees, by type of economic activity

	2005			2010			2012		
	thsd.	percentage of projected job losses	females, percentage of the total	thsd.	percentage of projected job losses	females, percentage of the total	thsd.	percentage of projected job losses	females, percentage of the total
Total layoffs at enterprises, establishments and organisations	132,5	29,6	58,3	84,0	25,2	54,5	110,2	18,9	59,6
Agriculture, hunting, forestry	20,4	54,7	51,9	4,2	33,1	43,1	3,7	26,4	50,7
Fishing	0,5	28,3	37,7	0,1	62,5	40,9	0,1	38,3	30,5
Industry	46,2	43,4	60,5	27,4	33,7	49,0	25,3	26,2	45,6
mining	3,1	29,2	56,6	1,9	15,0	41,9	2,2	16,9	46,6
manufacturing	39,0	48,3	61,8	19,9	39,9	50,4	18,5	29,4	45,7
production and distribution of electricity, gas and water	4,1	27,0	50,5	5,6	30,1	46,5	4,6	22,5	45,0
Construction	6,5	41,0	47,0	5,1	33,1	34,1	3,8	36,9	38,7
Trade; repair of motor vehicles, household appliances and personal demand items	12,2	53,2	69,8	5,5	43,3	57,5	4,3	39,3	60,3
Hotels and restaurants	1,1	46,3	80,3	0,7	45,7	69,2	0,4	51,4	67,0
Transport and communications	6,7	37,7	46,8	6,9	27,7	59,0	6,3	19,0	50,1
Financial activity	2,2	18,0	58,9	11,3	35,0	65,6	8,7	27,6	62,0
Real estate transactions, renting, engineering and provision of services to businessmen	6,9	30,5	62,1	5,7	28,4	56,8	10,7	30,0	66,6
Public administration	18,8	12,0	51,5	9,7	10,5	56,8	19,4	7,8	55,0
Education	3,5	18,7	72,1	2,5	19,0	69,7	4,1	19,2	70,2
Health care and provision of social aid	4,0	18,3	76,9	2,6	13,3	76,5	21,2	30,6	82,1
Provision of communal and individual services; cultural and sporting activity	3,5	32,3	59,8	2,3	31,3	50,6	2,2	23,7	57,8

EMPLOYMENT

17.18. Layoffs of employees, by region

	2005		2010		2012	
	thsd.	percentage of projected job losses	thsd.	percentage of projected job losses	thsd.	percentage of projected job losses
Ukraine	132,5	29,6	84,0	25,2	110,2	18,9
Autonomous Republic of Crimea	5,4	25,0	3,1	26,0	4,8	23,2
oblasts						
Vinnitsya	5,9	34,3	3,5	31,2	3,5	18,5
Volyn	2,9	27,0	1,2	23,2	2,5	21,7
Dnipropetrovsk	8,2	31,5	5,3	31,2	8,1	20,0
Donetsk	9,7	31,7	8,1	30,1	10,1	18,0
Zhytomyr	3,6	23,7	2,0	14,9	3,0	14,5
Zakarpattia	3,2	40,6	1,3	23,4	2,0	13,9
Zaporizhzhya	5,3	28,8	3,0	28,3	4,5	18,0
Ivano-Frankivsk	3,7	29,6	1,6	13,1	2,2	15,4
Kyiv	3,1	22,6	2,4	31,3	2,9	18,2
Kirovohrad	3,1	30,7	1,8	26,5	2,5	22,8
Luhansk	6,9	39,3	3,8	24,2	5,5	17,9
Lviv	8,5	31,1	4,1	22,8	5,7	20,3
Mykolayiv	3,7	32,3	1,7	22,2	2,9	30,1
Odesa	5,9	26,0	3,7	31,6	5,2	19,5
Poltava	5,0	34,0	2,7	23,0	3,6	15,1
Rivne	4,4	36,7	1,3	32,0	2,1	20,3
Sumy	5,2	32,4	2,7	28,1	2,4	14,7
Ternopil	3,5	29,5	1,0	13,1	1,8	16,2
Kharkiv	8,5	25,5	5,0	25,2	5,7	13,3
Kherson	3,0	29,7	1,6	23,7	1,7	13,1
Khmelnyskiy	4,6	28,2	1,5	21,1	2,8	21,2
Cherkasy	4,0	34,8	1,8	18,8	3,4	25,8
Chernivtsi	1,5	35,3	0,6	20,1	1,2	12,1
Chernihiv	4,1	29,3	2,0	20,7	3,1	25,1
cities						
Kyiv	8,0	23,5	15,8	28,0	14,4	25,8
Sevastopol	1,6	27,5	1,4	23,3	2,6	15,1

EMPLOYMENT

17.19. Labour force demand, by type of economic activity

(end of year)

	2005		2010		2012	
	thsd.	percentage of the total	thsd.	percentage of the total	thsd.	percentage of the total
Total	186,6	100,0	63,9	100,0	48,6	100,0
Agriculture, hunting, forestry	10,4	5,6	2,7	4,3	2,5	5,1
Fishing	0,2	0,1	0,0	0,1	0,0	0,0
Industry	65,8	35,2	17,2	26,8	13,8	28,3
mining	13,5	7,2	1,5	2,2	1,3	2,8
manufacturing	47,0	25,2	13,7	21,5	10,6	21,7
production and distribution of electricity, gas and water	5,3	2,8	2,0	3,1	1,9	3,8
Construction	17,4	9,4	3,8	5,9	2,2	4,6
Trade; repair of motor vehicles, household appliances and personal demand items	19,8	10,6	8,4	13,2	5,2	10,8
Hotels and restaurants	1,9	1,0	0,9	1,3	0,8	1,6
Transport and communications	12,3	6,6	5,0	7,8	4,4	9,1
Financial activity	4,7	2,5	1,5	2,4	0,6	1,2
Real estate transactions, renting, engineering and provision of services to businessmen	15,5	8,3	5,9	9,3	3,5	7,3
Public administration	19,2	10,3	8,4	13,2	7,6	15,7
Education	3,9	2,1	1,6	2,6	1,9	3,8
Health care and provision of social aid	9,8	5,3	6,3	9,8	4,7	9,7
Provision of communal and individual services; cultural and sporting activity	5,7	3,0	2,2	3,3	1,4	2,8

EMPLOYMENT

17.20. Demand and supply of labour force on labour market, by region*(end of year)*

	Not engaged in labour activity, thsd.			Registered vacancies, thsd.			Load per one vacancy, persons		
	2005	2010	2012	2005	2010	2012	2005	2010	2012
Ukraine	903,5	564,0	526,2	186,6	63,9	48,6	5	9	11
Autonomous Republic of Crimea	36,1	20,1	19,4	5,3	2,8	3,0	7	7	6
oblasts									
Vinnitsya	42,2	30,2	29,0	3,0	0,6	0,5	14	49	58
Volyn	24,8	13,9	12,3	2,2	0,8	0,6	11	17	20
Dnipropetrovsk	51,1	34,4	35,3	18,2	7,7	7,2	3	5	5
Donetsk	54,4	33,0	29,8	34,8	2,9	3,4	2	11	9
Zhytomyr	33,7	23,0	22,1	3,3	1,8	1,9	10	13	12
Zakarpattia	26,1	14,2	14,0	3,4	0,9	1,0	8	15	14
Zaporizhzhya	34,6	25,9	23,9	6,7	1,6	0,4	5	17	62
Ivano-Frankivsk	33,8	16,9	16,6	2,0	0,2	0,3	17	74	52
Kyiv	27,0	17,1	16,4	7,0	3,2	1,9	4	5	9
Kirovohrad	29,2	19,5	19,6	3,8	0,6	0,6	8	32	31
Luhansk	35,1	20,5	20,3	9,3	2,0	0,8	4	11	26
Lviv	52,2	27,7	27,7	4,9	2,3	2,0	11	12	14
Mykolayiv	31,7	20,3	19,0	4,0	1,1	1,0	8	18	19
Odesa	31,6	21,4	18,5	5,7	2,6	2,3	6	8	8
Poltava	41,3	35,1	25,1	5,3	1,8	2,2	8	20	11
Rivne	36,1	20,8	18,3	1,8	0,8	0,9	20	25	19
Sumy	30,5	21,5	16,9	2,6	0,7	0,8	12	31	22
Ternopil	43,8	18,0	17,8	1,8	0,9	1,2	24	21	15
Kharkiv	47,5	34,0	29,9	12,5	3,3	3,9	4	10	8
Kherson	27,5	11,6	13,8	2,2	1,1	1,3	12	10	10
Khmelnyskiy	30,2	21,6	17,3	3,5	0,4	0,2	9	53	93
Cherkasy	41,1	25,8	26,1	1,5	0,3	0,2	27	89	167
Chernivtsi	26,7	10,8	11,6	1,8	0,7	0,8	15	16	15
Chernihiv	25,9	19,1	15,4	3,9	0,9	1,2	7	21	12
cities									
Kyiv	7,4	6,2	8,7	33,9	20,9	8,5	0,2	0,3	1
Sevastopol	1,9	1,4	1,4	2,2	1,0	0,5	1	1	3

EMPLOYMENT

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

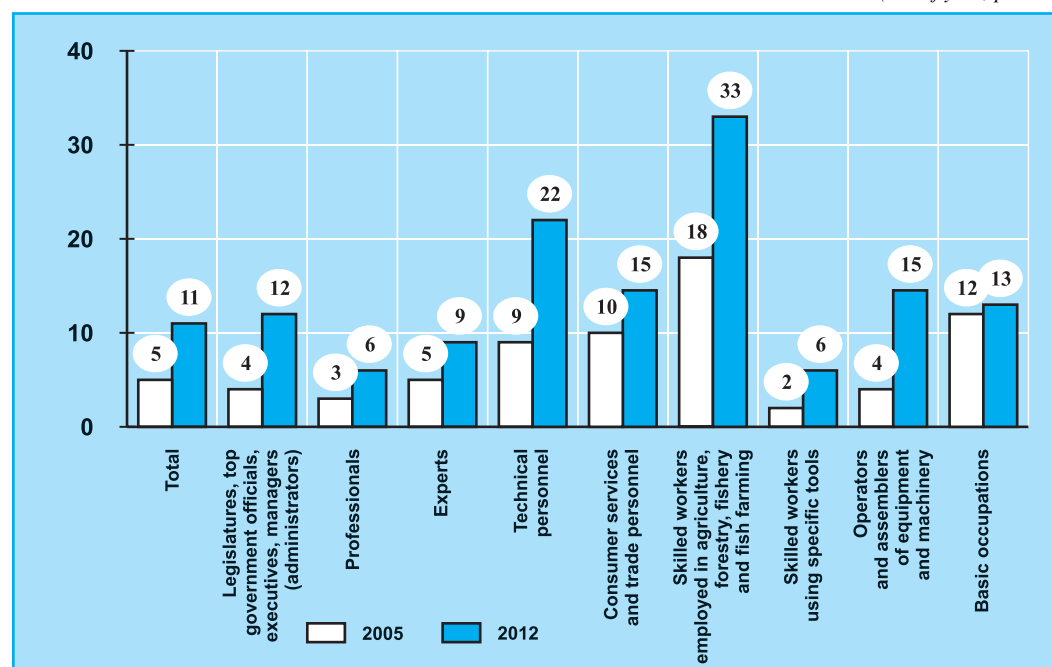
(end of year; thsd.)

	Not engaged in labour activity			Registered vacancies		
	2005	2010	2012	2005	2010	2012
Total	903,5	564,0	526,2	186,6	63,9	48,6
Legislatures, top government officials, executives, managers (administrators)	56,0	51,4	53,2	12,7	5,7	4,3
Professionals	48,1	48,1	45,8	18,6	9,0	8,2
Experts	78,4	53,0	50,6	17,4	7,4	5,9
Technical personnel	46,7	31,8	28,8	5,1	2,2	1,3
Consumer services and trade personnel	120,6	76,6	76,4	12,4	7,9	5,1
Skilled workers employed in agriculture, forestry, fishery and fish farming	41,5	22,8	20,3	2,3	0,7	0,6
Skilled workers using specific tools	95,4	69,9	60,5	56,0	13,2	9,7
Operators and assemblers of equipment and machinery	153,5	107,2	101,3	39,6	7,9	6,7
Basic occupations ¹	263,3	103,2	89,3	22,5	9,9	6,8

¹ Including persons without occupations

17.22. Load of person not engaged in labour activity per a vacant job, 2005 and 2012

(end of year; persons)



EMPLOYMENT

17.23. Placement of person not engaged in labour activity, by type of economic activity

	2005		2010		2012	
	thsd.	females, percentage of the total	thsd.	females, percentage of the total	thsd.	females, percentage of the total
Total placement	1049,8	50,6	744,5	46,7	764,4	47,4
Agriculture, hunting, forestry	181,9	46,4	134,5	33,1	152,3	30,0
Fishing	2,3	22,6	1,8	16,3	1,9	15,9
Industry	312,2	39,6	202,4	36,4	199,2	37,6
mining	35,6	20,3	25,0	15,5	20,0	18,3
manufacturing	244,9	42,1	152,7	38,5	151,9	38,9
production and distribution of electricity, gas and water	31,7	42,2	24,7	44,0	27,3	44,5
Construction	48,8	25,0	27,5	21,9	25,6	22,1
Trade; repair of motor vehicles, household appliances and personal demand items	219,5	64,7	167,6	63,3	152,8	67,4
Hotels and restaurants	17,4	79,3	19,3	78,2	21,6	79,3
Transport and communications	55,5	39,4	36,2	33,3	39,7	35,2
Financial activity	8,9	77,5	5,9	69,6	4,3	71,3
Real estate transactions, lease and services to legal persons	34,9	51,1	30,2	45,7	28,2	48,1
Public administration	44,1	60,7	31,7	59,5	39,8	62,1
Education	38,2	59,5	30,6	49,3	38,9	48,9
Health care and provision of social aid	47,6	75,8	35,6	72,3	42,1	73,1
Provision of communal and individual services; cultural and sporting activity	38,5	57,2	21,2	58,4	18,0	59,7

EMPLOYMENT

17.24. Placement of person not engaged in labour activity, by region*(thsd.)*

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	229,7	597,0	1049,8	1070,8	1098,6	1084,0	702,7	744,5	762,7	764,4
Autonomous Republic of Crimea	13,8	25,5	39,1	39,1	39,3	39,4	27,8	28,4	29,1	29,8
oblasts										
Vinnitsya	9,3	22,6	44,1	46,3	46,7	46,5	30,6	32,6	34,4	34,5
Volyn	4,2	12,9	34,0	34,7	35,3	35,2	23,7	24,4	24,3	25,0
Dnipropetrovsk	21,3	49,6	73,5	73,9	74,7	73,7	36,9	44,8	49,5	51,2
Donetsk	20,8	46,2	78,0	72,3	80,1	74,3	46,7	50,4	54,5	43,0
Zhytomyr	6,7	24,1	39,8	40,2	39,9	38,5	24,6	24,6	25,8	26,4
Zakarpattia	6,4	16,9	30,5	29,9	30,2	30,3	19,2	19,5	19,8	20,2
Zaporizhzhya	10,2	26,5	44,3	44,8	44,9	43,1	23,7	28,7	34,0	37,8
Ivano-Frankivsk	3,7	20,5	46,4	46,5	47,9	47,9	24,7	29,1	30,8	34,2
Kyiv	5,9	22,0	31,6	31,5	32,8	32,1	18,9	19,2	21,6	22,0
Kirovohrad	7,8	18,9	31,6	32,4	33,3	32,8	23,5	24,0	24,9	25,2
Luhansk	7,6	28,4	43,9	44,2	45,7	45,8	34,5	35,3	36,6	32,8
Lviv	6,6	24,5	43,7	48,5	51,4	51,7	35,1	36,1	36,7	38,9
Mykolayiv	6,4	21,4	28,7	30,8	31,5	31,6	25,6	23,6	24,2	24,6
Odesa	10,0	16,8	36,0	37,2	38,8	38,7	21,3	22,3	25,4	26,1
Poltava	12,8	28,7	43,2	44,9	45,6	45,2	33,9	35,9	36,9	37,4
Rivne	4,5	16,7	33,0	34,1	35,0	35,6	25,2	25,7	28,1	29,2
Sumy	6,3	19,5	39,2	37,5	37,1	37,1	19,6	20,6	21,6	22,2
Ternopil	7,1	16,3	34,9	36,7	37,4	37,5	23,0	24,7	23,9	23,3
Kharkiv	7,1	32,7	59,5	59,7	60,9	59,5	41,7	47,9	51,3	53,0
Kherson	5,9	13,6	26,2	32,2	34,0	33,2	16,0	17,2	18,0	18,7
Khmelnyskiy	12,7	20,4	36,2	37,5	38,3	38,5	32,5	33,2	33,9	31,8
Cherkasy	14,5	24,3	43,7	46,0	46,9	45,7	28,5	31,4	35,3	35,2
Chernivtsi	1,3	8,0	19,6	20,1	20,1	19,3	8,9	9,3	10,0	8,9
Chernihiv	7,5	22,2	31,6	31,7	32,0	32,0	18,0	18,4	19,7	20,1
cities										
Kyiv	6,9	14,6	34,0	34,6	35,3	35,4	35,4	35,7	10,3	10,8
Sevastopol	2,4	3,2	3,5	3,5	3,5	3,4	3,2	1,5	2,1	2,1

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17.25. Registered unemployment rate, by region

(end of year; percent)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	0,4	4,1	3,6	3,7	3,5	3,5	3,1	2,7	2,3	3,0	1,9	2,0	1,8	1,8
Autonomous Republic of Crimea	0,3	2,2	2,3	3,5	3,4	3,4	2,9	2,4	1,7	2,1	1,4	1,6	1,7	1,6
oblasts														
Vinnitsya	0,3	4,1	4,2	3,7	3,2	4,3	4,3	3,8	3,3	4,3	2,7	3,0	2,7	2,9
Volyn	1,0	5,8	5,6	4,2	4,5	4,4	4,0	3,1	2,6	4,1	2,1	2,2	1,8	1,9
Dnipropetrovsk	0,1	4,3	3,7	3,8	3,5	3,0	2,4	1,9	1,6	2,5	1,7	1,6	1,5	1,7
Donetsk	0,3	3,4	2,6	2,7	2,5	2,3	1,9	1,6	1,3	2,0	1,5	1,2	1,0	1,1
Zhytomyr	0,8	7,8	5,2	4,4	4,9	5,0	4,3	3,7	3,3	4,3	3,0	3,0	3,0	2,9
Zakarpattia	0,9	6,0	5,0	5,4	4,4	3,8	3,4	2,8	2,3	3,0	1,7	1,8	1,6	1,8
Zaporizhzhya	0,2	3,4	3,4	3,4	3,3	3,2	3,0	2,7	2,3	3,2	2,4	2,3	2,1	2,1
Ivano-Frankivsk	1,5	5,7	4,8	4,7	4,2	4,3	4,1	3,5	3,1	3,7	2,1	2,0	1,9	1,9
Kyiv	0,5	5,1	4,2	3,8	3,0	2,8	2,5	2,1	1,9	2,6	1,6	1,6	1,5	1,5
Kirovohrad	0,5	5,0	4,2	4,8	5,4	5,0	4,6	4,0	3,3	4,2	3,0	3,2	3,0	3,2
Luhansk	0,4	3,9	3,2	3,2	2,9	2,5	2,3	2,2	1,8	2,4	1,3	1,4	1,3	1,4
Lviv	1,0	6,0	4,1	4,0	3,9	4,0	3,4	2,7	2,1	2,7	1,7	1,7	1,5	1,7
Mykolayiv	0,3	3,8	3,3	3,3	3,7	3,8	4,2	3,4	2,9	3,5	2,4	2,7	2,5	2,6
Odesa	0,1	1,1	1,3	1,9	2,1	2,1	2,1	2,0	1,8	2,0	1,2	1,4	1,1	1,2
Poltava	0,4	5,2	4,9	4,6	4,2	4,4	4,4	4,1	3,6	4,7	3,4	3,8	2,6	2,8
Rivne	0,9	6,9	6,7	6,5	5,5	5,9	5,2	4,7	3,9	4,7	2,7	2,9	2,6	2,5
Sumy	0,4	6,3	5,2	4,6	4,2	4,2	4,0	3,6	3,1	4,2	2,7	2,9	2,4	2,3
Ternopil	0,8	6,8	6,3	6,7	6,5	7,5	6,6	5,3	4,4	5,1	2,3	2,6	2,4	2,5
Kharkiv	0,3	3,5	3,2	3,2	3,0	3,0	2,6	2,4	2,1	2,7	1,8	1,9	1,7	1,7
Kherson	0,4	3,7	4,2	6,1	5,8	5,0	4,0	3,3	2,7	3,1	1,6	1,7	1,8	2,1
Khmelnyskiy	0,6	3,7	3,6	3,3	3,5	4,0	3,7	3,7	3,0	4,3	2,5	2,6	2,1	2,1
Cherkasy	0,4	4,4	4,2	4,8	5,5	5,7	5,2	4,4	3,9	4,9	3,4	3,3	3,2	3,3
Chernivtsi	0,4	4,2	4,4	6,4	5,7	6,0	4,9	3,7	2,9	3,4	1,9	1,9	1,9	2,0
Chernihiv	0,8	5,7	4,4	4,2	4,1	3,9	3,8	3,4	3,2	4,7	2,7	2,9	2,4	2,4
cities														
Kyiv	0,1	0,8	0,7	0,6	0,4	0,4	0,4	0,4	0,3	0,6	0,4	0,3	0,4	0,5
Sevastopol	0,1	0,8	0,8	0,8	0,8	0,8	0,8	0,6	0,6	0,9	0,7	0,6	0,6	0,6

EMPLOYMENT

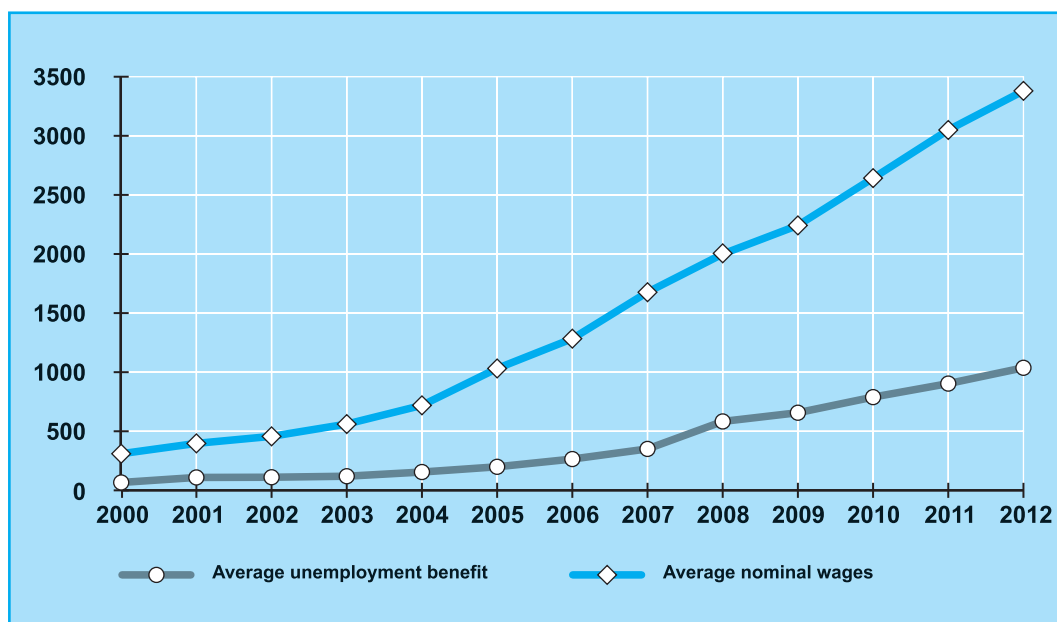
17.26. Duration of registered unemployment

(end of year)

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Persons with official unemployment status, thsd.	1155,2	881,5	759,5	642,3	844,9	531,6	544,9	482,8	506,8
of which by period of unemployment, percent									
under 1 month	8,1	17,4	18,5	18,3	30,8	19,5	26,2	24,6	23,1
from 1 to 3 months	15,8	24,6	25,9	25,4	28,9	24,5	28,4	28,0	30,5
from 3 to 6 months	17,2	19,0	18,5	18,5	14,8	19,7	20,5	18,8	20,8
from 6 to 9 months	13,5	13,0	12,9	12,5	9,0	13,1	10,8	13,2	12,6
from 9 to 12 months	12,2	13,5	13,0	13,7	9,1	13,1	7,7	9,0	7,9
12 months and longer	33,2	12,5	11,2	11,6	7,4	10,1	6,4	6,4	5,1
<i>Average period of unemployment, months</i>	<i>11</i>	<i>6</i>	<i>6</i>	<i>6</i>	<i>4</i>	<i>5</i>	<i>4</i>	<i>5</i>	<i>4</i>

17.27. Unemployment benefit and wages in December of 2000–2012

(UAH)



EMPLOYMENT

17.28. Average annual number of employees, by type of economic activity¹

(thsd.)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total	18252	13678²	11388	11433	11413	11389	10653	10758	10556	10589
Agriculture, hunting, forestry	3888	2551	1137	1005	868	783	699	665	628	643
Fishing	28	31	16	15	12	11	9	8	7	6
Industry	5485	4061	3416	3362	3287	3188	2851	2842	2800	2763
Construction	1037	590	461	477	500	497	385	380	336	322
Trade; repair of motor vehicles, household appliances and personal demand items	988	630	676	780	874	947	852	904	912	981
Hotels and restaurants	222	100	82	86	88	94	90	109	105	109
Transport and communications	1400	1110	992	991	977	974	936	945	926	932
transport	1134	853	733	730	725	730	705	726	719	734
post and communications	266	257	259	261	252	244	231	219	207	198
Financial activity	169	146	216	246	298	339	292	269	277	277
Real estate transactions, renting, engineering and provision of services to businessmen	859	596	564	599	615	631	615	709	705	715
of which research and development	272	185	163	158	152	150	144	138	132	126
Public administration	549	610 ²	570	590	599	627	635	650	612	605
Education	1759	1551	1610	1632	1641	1642	1646	1640	1628	1629
Health care and provision of social aid	1396	1304	1271	1269	1271	1267	1271	1268	1257	1248
Provision of communal and individual services; cultural and sporting activity	472	398	377	381	383	389	372	369	363	359
of which cultural, sporting, recreational and entertainment activities	332	269	278	285	286	291	276	262	252	252

¹ Prior to 2010, by businesses, establishments, organisations and their separate units without employees of statistically small businesses. Since 2010, by businesses, establishments, organisations and their separate units employing 10 and more employees. Comparisons with the previous years in 2010/2012 are not possible

² Prior to 2004, data on staff on the payroll included categories comprising military personnel (soldiers and officers) who received cash security

EMPLOYMENT

17.29. Average annual number of employees, by region¹*(thsd.)*

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	18252	13678	11388	11433	11413	11389	10653	10758	10556	10589
Autonomous Republic of Crimea	683	509	408	403	405	407	396	411	390	384
oblasts										
Vinnitsya	697	531	377	370	360	353	332	330	317	314
Volyn	372	284	222	223	222	221	204	200	195	193
Dnipropetrovsk	1449	1111	1017	1037	1025	1011	930	930	927	943
Donetsk	1954	1477	1290	1292	1287	1279	1169	1156	1139	1148
Zhytomyr	536	400	303	293	284	276	258	255	249	248
Zakarpattia	343	257	205	207	214	211	203	201	195	190
Zaporizhzhya	779	595	499	505	510	505	467	466	453	448
Ivano-Frankivsk	433	318	241	244	244	247	232	225	220	219
Kyiv	643	469	391	393	396	391	370	383	382	384
Kirovohrad	451	317	237	235	229	223	209	210	205	204
Luhansk	1008	712	604	597	586	584	548	547	533	527
Lviv	923	691	581	580	586	589	556	555	542	536
Mykolayiv	500	359	288	279	271	268	251	243	237	236
Odesa	836	631	536	540	544	545	515	533	513	510
Poltava	673	513	417	414	409	406	380	368	366	372
Rivne	412	308	242	238	234	233	220	214	211	209
Sumy	549	401	308	301	294	289	267	258	248	250
Ternopil	421	306	206	203	198	197	188	183	181	175
Kharkiv	1101	825	709	723	714	705	655	664	651	667
Kherson	473	329	231	227	225	222	210	202	195	193
Khmelnyskiy	566	427	298	284	272	268	251	251	243	243
Cherkasy	566	424	308	310	304	301	279	272	265	262
Chernivtsi	280	198	150	150	149	150	143	140	139	132
Chernihiv	500	358	278	272	263	256	239	237	229	220
cities										
Kyiv	991	846	965	1036	1111	1174	1106	1238	1248	1300
Sevastopol	113	84	77	77	77	78	75	86	83	82

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.30. Average annual number of employees, by industrial activity¹*(thsd.)*

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Industry	4061	3416	3362	3287	3188	2851	2842	2800	2763
Mining	615	518	513	501	480	450	446	445	434
Manufacturing	2917	2370	2329	2268	2192	1886	1884	1861	1831
production of foodstuffs, beverages and tobacco products	518	465	465	454	436	390	387	378	374
light industry	262	147	133	120	108	92	97	99	97
textile industry, sewing of clothes, fur and fur articles	221	126	112	100	89	75	78	78	76
production of leather, leather articles and other materials	41	21	21	20	19	17	19	21	21
wood working and production of wood products apart from furniture	41	37	38	40	40	33	33	33	34
cellulose and paper industry; printing	60	66	68	71	72	65	73	71	70
production of coke and refined petroleum products	54	59	54	53	50	46	39	36	34
chemical and petrochemical industry	201	182	184	181	174	156	159	157	155
production of chemicals	159	134	130	124	119	109	109	106	103
production of rubber and plastic products	42	48	54	57	55	47	50	51	52
production of other non-metallic mineral products	203	154	151	152	149	114	114	108	102
metallurgy and production of finished metal works	434	425	430	420	407	355	339	330	322
engineering	1061	773	740	710	687	579	578	588	585
manufacture of machinery and equipment	497	352	334	310	293	241	253	250	243
manufacture of electrical, electronic and optical equipment	281	174	172	168	165	147	149	149	148
manufacture of transport vehicles and equipment	283	247	234	232	229	191	176	189	194
other manufacture n.i.e.	83	63	65	67	69	56	65	61	58
Production and distribution of electricity, gas and water	529	527	520	518	516	515	512	494	498

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.31. Employees, by level of education and economic activity¹

(end of 2012)

	Payroll staff, thsd.	Of which have high education by educational level			
		incomplete and basic high		complete high	
		total, thsd.	percentage of payroll staff	total, thsd.	percentage of payroll staff
Total	10718,7	2527,3	23,6	3696,9	34,5
Agriculture, hunting, forestry	569,5	94,5	16,6	81,4	14,3
Fishing	5,3	1,0	18,8	1,0	19,0
Industry	2762,6	625,0	22,6	660,1	23,9
Construction	296,6	53,1	17,9	79,8	26,9
Trade; repair of motor vehicles, household appliances and personal demand items	1008,9	237,2	23,5	352,4	34,9
Hotels and restaurants	105,9	27,1	25,6	26,5	25,0
Transport and communications	938,5	207,6	22,1	219,4	23,4
transport	735,8	158,2	21,5	159,7	21,7
post and communications	202,7	49,4	24,4	59,7	29,4
Financial activity	307,7	63,7	20,7	206,3	67,0
Real estate transactions, renting, engineering and provision of services to businessmen	699,6	124,5	17,8	311,7	44,6
Public administration	641,6	120,2	18,7	418,2	65,2
Education	1730,2	326,4	18,9	923,8	53,4
Health care and provision of social aid	1284,4	546,1	42,5	282,7	22,0
Provision of communal and individual services; cultural and sporting activity	367,9	100,9	27,4	133,6	36,3

¹ It includes data by businesses, establishments, organisations and their separate units employing 10 and more employees

EMPLOYMENT

17.32. Working pensioners, by type of pension and economic activity¹*(end of 2012)*

	Employees who receive pension benefits		Of which percentage of total employed pensioners			
	total, thsd.	percentage of payroll staff	long service	old age	disability	of which 3 rd group of disabled
Total	1865,1	17,4	6,6	72,3	21,1	14,7
Agriculture, hunting, forestry	69,7	12,2	5,5	54,5	40,0	29,1
Fishing	0,8	16,1	9,2	62,6	28,2	20,5
Industry	476,4	17,2	4,6	72,3	23,1	17,2
Construction	50,6	17,1	6,8	65,4	27,8	17,8
Trade; repair of motor vehicles, household appliances and personal demand items	93,0	9,2	8,2	50,7	41,1	25,2
Hotels and restaurants	13,9	13,2	5,0	67,1	27,9	17,0
Transport and communications	110,0	11,7	10,0	61,6	28,4	20,8
transport	84,9	11,5	10,6	60,8	28,6	20,9
post and communications	25,1	12,4	8,1	64,4	27,5	20,5
Financial activity	24,7	8,0	16,3	41,4	42,3	25,7
Real estate transactions, renting, engineering and provision of services to businessmen	162,1	23,2	8,1	74,8	17,1	10,7
Public administration	86,9	13,5	24,3	54,8	20,9	14,5
Education	382,0	22,1	4,8	82,8	12,4	8,6
Health care and provision of social aid	306,8	23,9	4,0	80,1	15,9	11,9
Provision of communal and individual services; cultural and sporting activity	88,2	24,0	5,6	77,3	17,1	10,3

¹ See the footnote to Table 17.31

EMPLOYMENT

17.33. Employment of young people, by type of economic activity¹*(end of 2012)*

	Employees aged 15–34		
	total, thsd.	percentage of payroll staff	females of specific age group in the recorded number of the working females, percent
Total	3592,0	33,5	32,7
Agriculture, hunting, forestry	147,3	25,9	24,6
Fishing	1,4	26,2	24,6
Industry	939,3	34,0	30,6
Construction	90,2	30,4	28,0
Trade; repair of motor vehicles, household appliances and personal demand items	542,7	53,8	52,7
Hotels and restaurants	49,8	47,0	44,6
Transport and communications	298,9	31,9	31,3
transport	235,3	32,0	31,5
post and communications	63,6	31,4	30,8
Financial activity	184,5	60,0	62,5
Real estate transactions, renting, engineering and provision of services to businessmen	224,8	32,1	30,9
Public administration	229,5	35,8	38,0
Education	432,3	25,0	26,3
Health care and provision of social aid	352,4	27,4	28,4
Provision of communal and individual services; cultural and sporting activity	98,9	26,9	25,9

¹ See the footnote to Table 17.31

EMPLOYMENT

17.34. Staff training and skills upgrading in 2012, by type of economic activity¹

	Training in new professions			Skills upgrading		
	total		of which females, thsd.	total		of which females, thsd.
	thsd.	percentage of total payroll staff		thsd.	percentage of total payroll staff	
Total	218,4	2,0	47,8	1016,5	9,5	443,0
Agriculture, hunting, forestry	4,0	0,7	0,7	9,6	1,7	1,2
Fishing	0,1	1,1	0,0	0,1	1,1	0,0
Industry	149,5	5,4	29,8	402,7	14,6	77,8
Construction	6,8	2,3	0,5	15,8	5,3	0,8
Trade; repair of motor vehicles, household appliances and personal demand items	7,2	0,7	2,3	14,6	1,5	5,7
Hotels and restaurants	0,7	0,7	0,4	1,1	1,1	0,5
Transport and communications	26,2	2,8	7,8	111,2	11,9	32,8
transport	22,9	3,1	5,2	83,8	11,4	16,9
post and communications	3,3	1,6	2,6	27,4	13,5	15,9
Financial activity	2,4	0,8	1,6	22,7	7,4	14,1
Real estate transactions, renting, engineering and provision of services to businessmen	11,2	1,6	1,3	30,1	4,3	7,6
Public administration	5,4	0,8	0,9	84,1	13,1	48,6
Education	2,3	0,1	1,3	181,8	10,5	140,8
Health care and provision of social aid	1,2	0,1	0,8	132,3	10,3	105,9
Provision of communal and individual services; cultural and sporting activity	1,4	0,4	0,4	10,4	2,8	7,3

¹ See the footnote to Table 17.31

EMPLOYMENT

17.35. Staff training and skills upgrading in 2012, by region¹

	Training in new professions			Skills upgrading		
	total		of which females, thsd.	total		of which females, thsd.
	thsd.	percentage of total payroll staff		thsd.	percentage of total payroll staff	
Ukraine	218,4	2,0	47,8	1016,5	9,5	443,0
Autonomous Republic of Crimea	6,6	1,7	1,1	34,2	9,0	15,8
oblasts						
Vinnitsya	5,2	1,7	1,4	22,8	7,3	12,2
Volyn	2,1	1,1	0,3	17,1	8,5	9,4
Dnipropetrovsk	28,3	3,0	5,1	109,4	11,4	41,6
Donetsk	41,9	3,6	9,0	157,2	13,5	49,4
Zhytomyr	4,8	1,9	1,2	18,8	7,5	9,6
Zakarpattia	3,4	1,7	1,3	13,4	6,8	7,5
Zaporizhya	12,5	2,8	2,1	50,9	11,4	17,6
Ivano-Frankivsk	2,9	1,2	0,8	24,9	10,9	13,7
Kyiv	11,1	2,9	3,3	29,2	7,6	13,9
Kirovohrad	3,2	1,6	0,5	20,9	10,3	10,0
Luhansk	16,2	3,0	3,6	61,9	11,7	23,8
Lviv	5,6	1,0	1,3	42,4	7,6	21,2
Mykolayiv	3,3	1,4	0,4	21,4	9,2	10,5
Odesa	8,3	1,6	2,0	37,9	7,4	18,5
Poltava	8,6	2,3	1,4	42,1	11,3	15,4
Rivne	2,9	1,3	0,5	25,3	11,6	12,7
Sumy	5,6	2,2	1,3	26,0	10,3	12,0
Ternopil	2,6	1,5	1,0	15,3	8,6	9,2
Kharkiv	11,3	1,7	2,2	66,7	9,9	28,9
Kherson	2,8	1,4	0,6	17,8	9,3	8,0
Khmelnyskiy	4,7	1,9	1,2	23,2	9,4	11,5
Cherkasy	3,5	1,3	0,7	18,3	7,1	9,6
Chernivtsi	1,6	1,2	0,3	10,2	7,4	6,9
Chernihiv	2,0	0,9	0,6	16,0	7,2	8,6
cities						
Kyiv	16,4	1,2	4,3	86,6	6,5	41,3
Sevastopol	1,0	1,2	0,3	6,6	7,9	4,2

¹ See the footnote to Table 17.31

EMPLOYMENT

17.36. Employees recruitment and retirement rate, by type of economic activity¹*(percent of averaged payroll staff)*

	Recruited						Retired					
	2005	2008	2009	2010	2011	2012	2005	2008	2009	2010	2011	2012
Total	27,4	28,3	22,5	25,3	28,6	26,4	29,2	32,8	28,7	28,1	30,9	30,3
Agriculture, hunting, forestry	36,5	45,9	46,6	46,4	52,5	50,7	50,4	58,4	50,7	54,4	56,7	57,1
Fishing	42,4	45,6	45,7	50,0	60,7	57,7	57,0	58,1	54,7	63,6	79,9	72,5
Industry	28,2	26,3	20,2	24,2	26,7	23,0	30,4	34,6	29,2	26,6	29,6	28,2
Construction	44,7	39,7	26,4	33,9	41,5	36,1	48,1	54,9	49,7	48,5	50,5	51,7
Trade; repair of motor vehicles, household appliances and personal demand items	55,5	56,3	44,9	52,2	53,1	50,6	51,1	59,6	57,3	52,2	55,0	53,2
Hotels and restaurants	56,3	63,9	53,9	56,0	59,6	61,4	58,7	66,8	65,1	61,2	64,7	69,5
Transport and communications	20,7	23,4	17,5	19,3	22,5	21,8	21,3	25,8	23,7	22,6	26,3	24,8
transport	19,3	21,9	16,7	19,2	22,3	21,3	20,4	23,9	22,1	21,7	24,9	24,0
post and communications	24,5	27,8	19,8	19,9	23,1	23,6	23,7	31,5	28,6	25,7	31,4	28,0
Financial activity	39,4	42,6	23,6	33,5	46,5	38,3	28,8	41,1	38,9	35,7	42,7	42,0
Real estate transactions, renting, engineering and provision of services to businessmen	34,3	35,2	29,4	28,9	33,1	32,0	36,6	39,3	35,6	36,5	38,1	39,6
of which research and development	18,0	16,4	15,0	14,7	15,0	13,9	20,3	19,2	17,4	17,7	19,8	18,4
Public administration	20,5	18,5	14,0	17,8	18,2	19,2	19,6	16,6	13,5	18,7	23,1	20,5
Education	14,1	14,1	13,0	13,2	15,9	13,7	13,2	14,1	12,8	13,3	15,3	13,6
Health care and provision of social aid	14,5	14,4	13,1	13,4	18,4	15,6	14,8	15,2	12,7	14,1	17,2	18,4
Provision of communal and individual services; cultural and sporting activity	24,3	27,2	21,0	21,6	23,0	23,0	25,1	26,1	30,2	23,1	25,7	23,6
of which cultural, sporting, recreational and entertainment activities	21,3	24,0	18,5	18,8	20,4	19,8	20,2	22,2	28,2	19,3	21,5	19,2

¹ See the first footnote to Table 17.28

EMPLOYMENT

17.37. Use of employees' working hours in 2012, by type of economic activity¹

(average per staff employee)

	Established working hours (presence and absence), hours	Working hours		Not fulfilled, hours			
		hours	percentage of established working hours	total	of which by reasons of		
					annual holidays (basic and supplementary)	temporary disability	holidays without wage (ad interim stopping work)
Total	1909	1668	87,4	241	152	40	3
Agriculture, hunting, forestry	1940	1749	90,1	191	124	33	3
Fishing	1871	1658	88,6	213	99	23	10
Industry	1970	1669	84,7	301	160	55	6
Construction	1929	1602	83,1	327	115	34	37
Trade; repair of motor vehicles, household appliances and personal demand items	1919	1771	92,3	148	99	21	1
Hotels and restaurants	1887	1705	90,4	181	109	24	6
Transport and communications	1960	1699	86,7	261	146	52	1
transport	1997	1717	86,0	280	150	57	1
post and communications	1820	1630	89,6	190	131	35	0
Financial activity	1952	1791	91,7	162	119	33	1
Real estate transactions, renting, engineering and provision of services to businessmen	1941	1727	89,0	214	127	32	2
of which research and development	1954	1674	85,7	280	170	40	1
Public administration	1948	1708	87,7	240	180	47	0
Education	1696	1464	86,3	232	190	31	0
Health care and provision of social aid	1961	1725	88,0	236	173	38	0
Provision of communal and individual services; cultural and sporting activity	1840	1644	89,4	196	142	28	0
of which cultural, sporting, recreational and entertainment activities	1798	1610	89,5	189	149	24	0

¹ See the footnote to Table 17.31

EMPLOYMENT

17.38. Use of employees' working hours in 2012, by industrial activity¹*(average per staff employee)*

	Established working hours (presence and absence), hours	Working hours		Not fulfilled, hours			
		hours	percentage of established working hours	total	of which by reasons of		
					annual holidays (basic and supplementary)	temporary disability	holidays without wage (ad interim stopping work)
Industry	1970	1669	84,7	301	160	55	6
Mining	1844	1503	81,5	341	222	71	2
mining of fuel and energy minerals	1784	1437	80,5	348	233	72	1
mining operations apart from fuel and energy materials	2001	1677	83,8	324	192	70	4
Manufacturing	1991	1685	84,6	306	144	52	8
production of foodstuffs, beverages and tobacco products	1964	1726	87,9	238	127	42	4
light industry	1953	1631	83,5	322	131	53	19
textile industry, sewing of clothes, fur and fur articles	1954	1619	82,9	335	131	54	19
production of leather, leather articles and other materials	1950	1677	86,0	273	130	47	18
wood working and production of wood products apart from furniture	1948	1676	86,1	272	122	40	36
cellulose and paper industry; printing	1953	1723	88,2	229	128	36	5
production of coke and refined petroleum products	2031	1716	84,5	316	185	53	—
chemical and petrochemical industry	1982	1703	85,9	279	144	45	3
production of chemicals	2003	1720	85,9	282	154	52	5
production of rubber and plastic products	1942	1670	86,0	272	125	31	11
production of other non-metallic mineral products	1980	1647	83,2	333	133	45	26
metallurgy and production of finished metal products	2037	1698	83,3	339	174	67	7
engineering	2003	1659	82,8	344	144	58	7
manufacture of machinery and equipment	1988	1663	83,7	325	142	59	7
manufacture of electrical, electronic and optical equipment	1965	1609	81,9	356	142	50	13
manufacture of transport vehicles and equipment	2051	1692	82,5	359	150	62	3
other manufacture n.i.e.	1930	1649	85,4	282	123	35	11
Production and distribution of electricity, gas and water	2004	1754	87,5	251	164	54	0

¹ See the footnote to Table 17.31

EMPLOYMENT

17.39. Collective agreements concluded, by type of economic activity¹*(end of 2012)*

	Total collective agreements concluded and registered, units	Employees covered by agreements	
		thsd.	percentage of total payroll staff
Total	101712	8730,0	81,4
Agriculture, hunting, forestry	8576	472,1	82,9
Fishing	113	4,3	81,2
Industry	10657	2465,3	89,2
mining	668	430,7	99,9
manufacturing	8421	1531,8	84,3
production and distribution of electricity, gas and water	1568	502,8	97,9
Construction	3684	195,4	65,9
Trade; repair of motor vehicles, household appliances and personal demand items	6897	421,3	41,7
Hotels and restaurants	1272	52,6	49,7
Transport and communications	3951	817,6	87,1
transport	3482	646,8	87,9
post and communications	469	170,8	84,3
Financial activity	658	197,4	64,1
Real estate transactions, renting, engineering and provision of services to businessmen	7986	481,5	68,8
of which research and development	896	113,9	90,0
Public administration	15949	527,0	82,1
Education	27437	1589,0	91,8
Health care and provision of social aid	6593	1226,2	95,4
Provision of communal and individual services; cultural and sporting activity	7939	280,4	76,2
of which cultural, sporting, recreational and entertainment activities	6259	198,6	76,3

¹ See the footnote to Table 17.31

18. POPULATION INCOME AND EXPENDITURE

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.

Expenditure and savings of the population include: expenditure for purchasing goods and services; property income paid, current taxes on income, property and other current transfers paid; accumulation of fixed capital and tangible current assets and increased financial assets as deposit savings, savings in hard currency, etc.

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 charges for compulsory state payment to the social insurance.

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.

Tables 18.6–18.12 provide 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.

Indicator is compiled by using data from the state statistical survey that cover enterprises, establishments, organisations employed wage labour. Till 2010, by businesses, establishments, organisations and their separate units without employees of statistically small businesses.

Since 2010 new methodical basis for sample frame design was introduced into the labour force survey. In this context, large and medium enterprises, establishments, organisations and their separate subdivisions with average number of 50 and more employees (including non-staff members) are subject for exhaustive survey, while enterprises with 10–49 of employees are surveyed at the sample base.

Table 18.6 gives the time series for average monthly wages in 1940–1994. Prior to 1991 (inclusive), the development of statistical indicator for the size of the average monthly wages has been separately made for the categories of employees and workers, and employees of the collective agricultural enterprises (CAEs). Since 1992, on the basis of Ukraine's Law *On Employment* and other 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. Due to modifications taken part starting from 2010 survey direct comparison of its data with the similar data from the previous surveys is not correct. The calculated data presented in the tables 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 compulsory state payment to the social insurance during a certain period by CPI for the same period.

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 2012 the initial sampled population of the survey included 13023 households. During the year 10499 households took part in the survey (selected addresses accounted for 82,5%, 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, buying a real estate, 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.

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 2007, 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.

POPULATION INCOME AND EXPENDITURE

18.1. Population income and expenditure

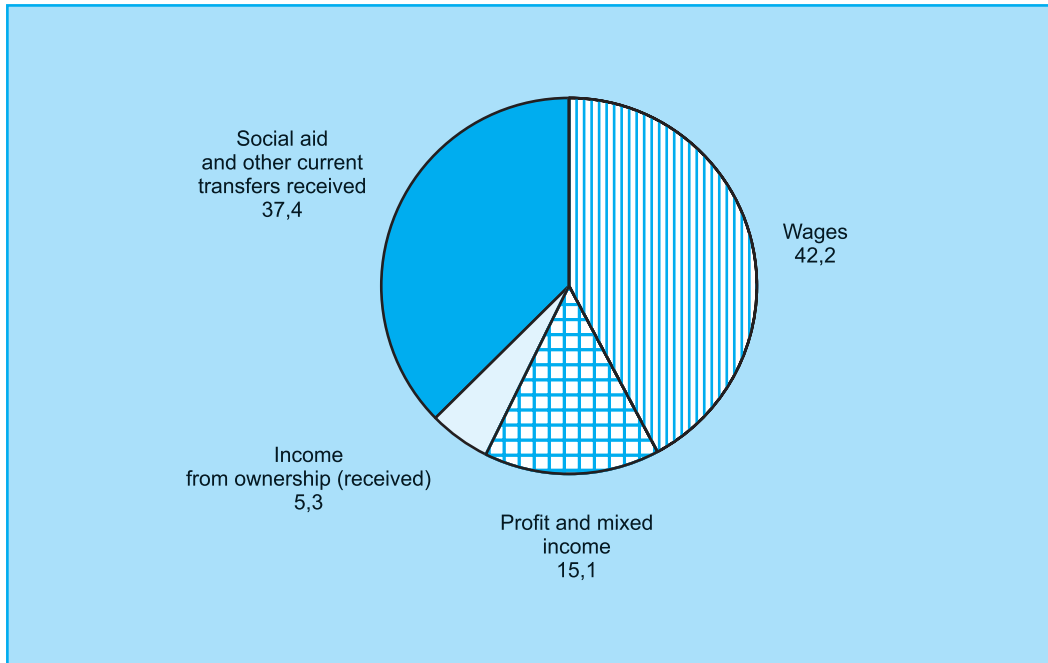
(mln. UAH)

	1995 ¹	2000	2005	2006	2007	2008	2009	2010	2011	2012 ²	2012 over 2011, percent
Income	4006	128736	381404	472061	623289	845641	894286	1101175	1266753	1407197	111,1
of which											
wages	1654	55853	160621	205120	278968	366387	365300	449553	529133	593213	112,1
profit and mixed income	616	24696	58404	69186	95203	131139	129760	160025	200230	212420	106,1
income from ownership (received)	48	3322	11072	13855	20078	28432	34654	67856	68004	74620	109,7
social aid and other current transfers received	1688	44865	151307	183900	229040	319683	364572	423741	469386	526944	112,3
Expenditure and savings	4006	128736	381404	472061	623289	845641	894286	1101175	1266753	1407197	111,1
of which											
purchase of goods and services	3719	115887	306769	385681	509533	695618	709025	838213	1030635	1179071	114,4
income from ownership (paid)	4	158	3523	8374	16924	30406	37831	28844	29064	28017	96,4
current taxes on income, property and other current transfers paid	209	8488	25461	33803	49053	67606	67053	72251	83931	95549	113,8
accumulation of non- financial assets	59	3099	4444	7159	9939	29515	10493	19578	-1159	18525	×
increase in financial assets	15	1104	41207	37044	37840	22496	69884	142289	124282	86035	69,2
<i>Available income</i>	<i>2783</i>	<i>96609</i>	<i>298275</i>	<i>363586</i>	<i>470953</i>	<i>634493</i>	<i>661915</i>	<i>847949</i>	<i>988983</i>	<i>1091100</i>	<i>110,3</i>
<i>Real available income, percent of the previous year</i>	<i>108,3</i>	<i>104,1</i>	<i>123,9</i>	<i>111,8</i>	<i>114,8</i>	<i>107,6</i>	<i>90,0</i>	<i>117,1</i>	<i>108,0</i>	<i>109,7</i>	<i>×</i>

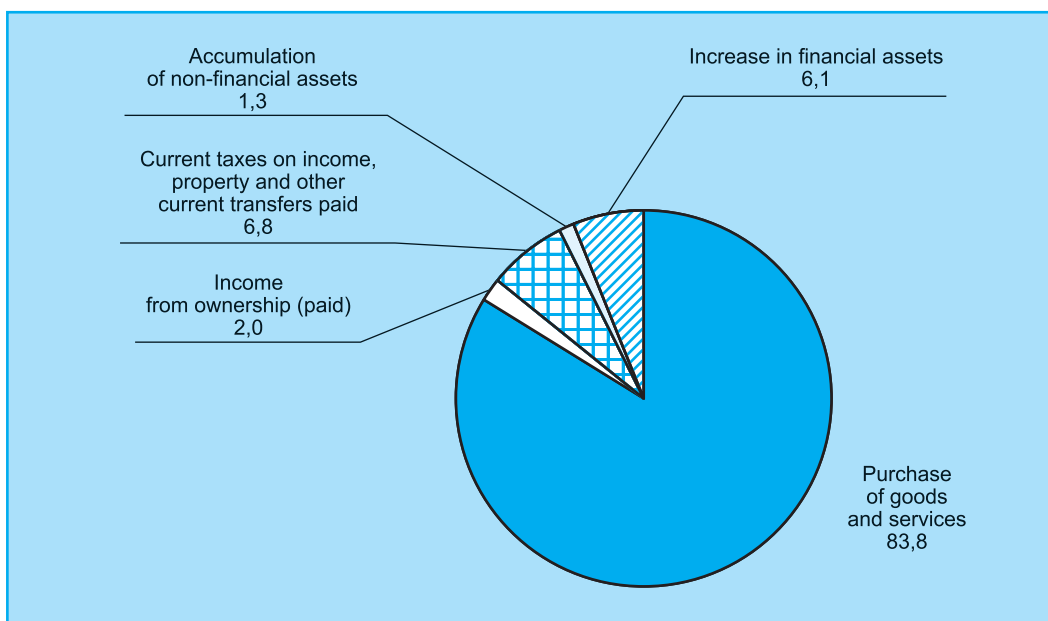
¹ Trln. KRB² Preliminary data

18.2. Structure of population income in 2012

(percent)

**18.3. Structure of population expenditure and savings in 2012**

(percent)



POPULATION INCOME AND EXPENDITURE

18.4. Population income, by region

(mln. UAH)

	2010			2011			2012 ¹		
	income	available income		income	available income		income	available income	
		total	per capita, UAH		total	per capita, UAH		total	per capita, UAH
Ukraine	1101175	847949	18485,6	1266753	988983	21637,9	1407197	1091100	23931,1
Autonomous Republic of Crimea	39393	30409	15480,0	45562	35793	18231,0	50347	38139	19418,1
oblasts									
Vinnitsya	33602	26364	16018,0	38990	31265	19090,8	42913	33944	20816,9
Volyn	19137	14840	14311,9	22584	17289	16657,7	25226	18974	18256,5
Dnipropetrovsk	88922	69394	20739,4	101868	80888	24302,4	113135	90369	27268,9
Donetsk	118223	94860	21317,3	135599	109968	24890,3	149641	120889	27541,7
Zhytomyr	26124	20231	15775,9	30069	23884	18716,4	33632	26361	20740,4
Zakarpattia	20841	15825	12699,6	24446	18738	15002,4	26435	19822	15824,7
Zaporizhzhya	45779	36530	20221,4	52272	42550	23684,9	56975	46290	25882,0
Ivano-Frankivsk	26504	20716	15009,4	31224	24471	17732,6	34366	26094	18895,0
Kyiv	42732	33558	19513,9	48990	38703	22520,1	55841	45004	26153,0
Kirovohrad	20213	15632	15417,7	23443	18151	18039,2	25947	19718	19741,7
Luhansk	51338	41080	17850,0	58619	47648	20879,9	64144	51852	22896,8
Lviv	54838	42064	16513,8	63602	48833	19204,4	70972	53816	21180,7
Mykolayiv	26034	20161	16993,4	29800	23664	20040,7	32881	25865	21997,8
Odesa	52924	38896	16275,2	61435	45704	19135,0	67992	50392	21069,5
Poltava	34462	26873	17990,9	39299	31010	20917,4	43014	33567	22795,9
Rivne	22362	16855	14629,8	26144	19984	17326,2	29508	22340	19331,9
Sumy	24918	19692	16875,5	28347	22667	19592,9	30766	24141	21032,4
Ternopil	19587	15020	13824,2	22712	17697	16351,3	24759	18774	17401,1
Kharkiv	67102	50962	18450,5	77316	59886	21787,8	84771	65102	23731,3
Kherson	20978	16233	14881,7	24096	19169	17654,3	26514	20716	19167,3
Khmelnyskiy	26987	20995	15781,0	31336	24800	18738,2	34477	26753	20312,0
Cherkasy	26194	20347	15769,2	29646	23379	18246,3	32580	25332	19897,9
Chernivtsi	16114	12211	13503,3	18682	14470	15992,5	20182	15158	16727,0
Chernihiv	23179	18354	16625,0	26277	21283	19465,0	28777	23038	21268,5
cities									
Kyiv	143903	103347	37012,7	164057	119500	42576,7	189808	140495	49651,9
Sevastopol	8785	6500	17078,3	10338	7589	19918,6	11594	8155	21331,4

¹ See the second footnote to Table 18.1

POPULATION INCOME AND EXPENDITURE

18.5. Population expenditure, by region*(mln. UAH)*

	2010		2011		2012 ¹	
	total	per capita, UAH	total	per capita, UAH	total	per capita, UAH
Ukraine	939308	20477,3	1143630	25021,4	1302637	28570,8
Autonomous Republic of Crimea	37517	19098,5	46054	23457,4	53310	27015,9
oblasts						
Vinnitsya	27011	16411,1	32700	19967,0	36949	22538,3
Volyn	17001	16396,0	21054	20285,2	24089	23078,0
Dnipropetrovsk	69969	20911,2	86445	25971,9	96880	28949,9
Donetsk	88747	19943,6	108271	24506,2	123140	27716,5
Zhytomyr	20394	15903,0	25491	19975,7	29272	22909,5
Zakarpattia	18477	14827,9	22276	17835,1	25473	20263,5
Zaporizhzhya	37439	20724,6	46648	25966,0	52886	29317,9
Ivano-Frankivsk	21879	15852,1	27221	19725,4	31720	22866,8
Kyiv	34187	19879,6	42503	24731,2	47152	27684,8
Kirovohrad	16157	15935,5	19941	19818,1	22642	22532,0
Luhansk	37278	16198,0	46388	20327,8	52601	23065,0
Lviv	45017	17673,1	55882	21976,6	63689	24895,7
Mykolayiv	21568	18179,4	26203	22190,9	29624	25023,0
Odesa	55519	23230,7	68738	28778,7	77968	32369,4
Poltava	26319	17620,0	31783	21438,8	35965	24222,8
Rivne	18310	15892,7	22962	19908,1	26163	22513,8
Sumy	18181	15580,6	22468	19420,9	25556	22121,4
Ternopil	15659	14412,3	19742	18240,8	22804	21031,6
Kharkiv	64711	23428,2	79520	28931,1	90511	32788,2
Kherson	17930	16437,5	21883	20153,8	24923	22927,5
Khmelnyskiy	21732	16334,9	26530	20045,3	30369	22927,6
Cherkasy	22213	17215,4	27463	21433,7	31439	24540,9
Chernivtsi	14132	15627,6	17396	19226,3	20086	22056,9
Chernihiv	17757	16084,2	22039	20156,4	25115	23041,0
cities						
Kyiv	144890	51891,0	164898	58751,6	189497	66224,6
Sevastopol	9314	24471,9	11131	29215,2	12814	32788,4

¹ See the second footnote to Table 18.1

POPULATION INCOME AND EXPENDITURE

18.6. Average monthly wages of employees¹

(KRB)

	Total	Including	
		blue collar and white collar-workers	employees of collective agricultural enterprises ¹
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	—	—

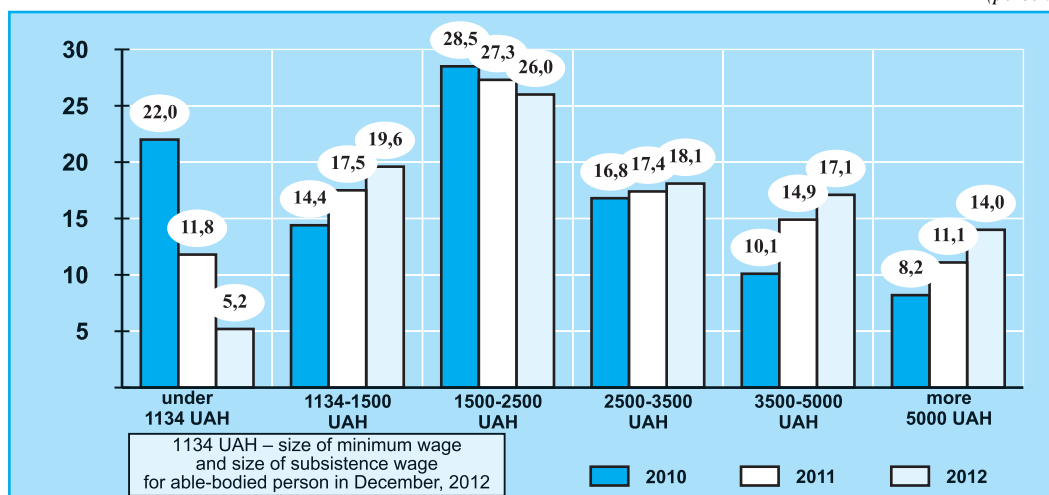
¹ See methodology notes**18.7. Average monthly nominal and real wages of employees¹**

	Nominal wages, UAH	Percent to the relevant period of the previous year	
		nominal wages	real wages
1995	73	514,2	110,6
2000	230	129,6	99,1
2001	311	135,2	119,3
2002	376	121,0	118,2
2003	462	122,8	115,2
2004	590	127,5	123,8
2005	806	136,7	120,3
2006	1041	129,2	118,3
2007	1351	129,7	112,5
2008	1806	133,7	106,3
2009	1906	105,5	90,8
2010	2239	120,0	110,2
2011	2633	117,6	108,7
2012	3026	114,9	114,4
Including by month			
January	2722	118,5	114,4
February	2799	119,7	116,2
March	2923	115,5	113,5
April	2942	116,2	115,5
May	3015	117,2	117,8
June	3109	114,8	116,4
July	3151	114,6	114,6
August	3073	114,1	113,9
September	3064	111,9	111,8
October	3110	113,9	114,1
November	3098	113,6	114,0
December	3377	110,6	111,1

¹ Prior to 2010, by businesses, establishments, organisations and their separate units without employees of statistically small businesses. Since 2010, by businesses, establishments, organisations and their separate units employing 10 and more employees. Comparisons with the previous years in 2010/2012 are not possible. Rates of growth of indicators for nominal and real wages in 2010 are defined using chain indices on the basis of comparative totals

18.8. Distribution of employees in December of 2010–2012, by nominal wages

(percent)

**18.9. Average monthly nominal wages of employees, by type of economic activity¹**

(UAH)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	
										UAH	percent of 2011
Total	73	230	806	1041	1351	1806	1906	2239	2633	3026	114,9
Agriculture, hunting, forestry	37	114	437	581	771	1101	1220	1467	1853	2077	112,0
Fishing	58	147	499	607	721	913	1028	1191	1369	1552	113,4
Industry	89	302	967	1212	1554	2017	2117	2580	3120	3500	112,2
Construction	103	260	894	1140	1486	1832	1511	1754	2251	2491	110,7
Trade; repair of motor vehicles, household appliances and personal demand items	66	226	713	898	1145	1514	1565	1874	2339	2696	115,3
Hotels and restaurants	51	178	566	735	944	1221	1267	1455	1777	2057	115,8
Transport and communications	90	336	1057	1328	1670	2207	2409	2726	3138	3474	110,7
transport	89	341	1090	1377	1734	2293	2464	2813	3261	3622	111,1
post and communications	93	317	967	1191	1485	1950	2240	2435	2709	2924	108,0
Financial activity	172	560	1553	2050	2770	3747	4038	4601	5340	5954	111,5
Real estate transactions, renting, engineering and provision of services to businessmen	75	278	900	1193	1595	2085	2231	2436	2935	3436	117,1
of which research and development	82	303	1048	1323	1741	2336	2556	2874	3270	3790	115,9
Public administration	81	335	1087	1578	1852	2581	2513	2747	3053	3442	112,7
Education	71	156	641	806	1060	1448	1611	1889	2081	2527	121,4
Health care and provision of social aid	75	138	517	658	871	1177	1307	1631	1778	2201	123,8
Provision of communal and individual services; cultural and sporting activity	63	162	620	828	1090	1511	1783	2065	2380	2964	124,6
of which cultural, sporting, recreational and entertainment activities	58	135	628	842	1109	1551	1870	2194	2500	3162	126,5

¹ See the footnote to Table 18.7

POPULATION INCOME AND EXPENDITURE

18.10. Average monthly nominal wages of employees, by type of industrial activity¹

(UAH)

	2000	2005	2006	2007	2008	2009	2010	2011	2012	
									UAH	percent of 2011
Industry	302	967	1212	1554	2017	2117	2580	3120	3500	112,2
Mining	393	1246	1536	1970	2681	2894	3539	4370	4881	111,7
Manufacturing	271	905	1137	1456	1849	1856	2281	2759	3085	111,8
production of foodstuffs, beverages and tobacco products	281	780	986	1223	1618	1777	2137	2541	2893	113,9
light industry	162	527	653	810	1015	1052	1338	1611	1751	108,7
textile industry; sewing of clothes, fur and fur articles	164	523	646	801	1011	1037	1322	1598	1731	108,3
production of leather, leather articles and other materials	153	553	691	854	1033	1117	1403	1658	1824	110,0
wood working and production of wood products apart from furniture	191	707	879	1078	1347	1313	1511	1802	1974	109,5
cellulose and paper industry; printing	394	998	1275	1545	1938	1981	2197	2635	3000	113,8
production of coke and refined petroleum products	490	1470	1697	2145	2689	2974	3454	3867	4170	107,9
chemical and petrochemical industry	305	960	1190	1481	1905	1880	2363	2854	3374	118,2
production of chemicals	318	1012	1261	1586	2047	2003	2586	3169	3804	120,0
production of rubber and plastic products	256	814	1020	1251	1598	1593	1880	2194	2533	115,5
production of other non-metallic mineral products	232	824	1067	1440	1818	1644	2001	2525	2778	110,0
metallurgy and production of finished metal products	421	1287	1560	2003	2418	2429	2916	3539	3875	109,5
engineering	222	821	1060	1389	1789	1709	2262	2762	3086	111,7
manufacture of machinery and equipment	226	832	1068	1380	1791	1744	2253	2770	3092	111,6
manufacture of electrical, electronic and optical equipment	173	737	952	1264	1633	1658	2098	2539	2777	109,4
manufacture of transport vehicles equipment	263	864	1129	1492	1901	1704	2411	2926	3315	113,3
other manufacture n.i.e.	212	704	846	1053	1364	1248	1463	1892	2062	109,0
Production and distribution of electricity, gas and water	371	969	1228	1577	2111	2394	2843	3353	3821	113,9

¹ See the footnote to Table 18.7

POPULATION INCOME AND EXPENDITURE

18.11. Average monthly nominal wages of employees, by region¹

(UAH)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	
										UAH	percent of 2011
Ukraine	73	230	806	1041	1351	1806	1906	2239	2633	3026	114,9
Autonomous Republic of Crimea	70	225	730	952	1220	1609	1707	1991	2295	2654	115,6
oblasts											
Vinnitsya	58	159	597	793	1028	1404	1511	1782	2074	2432	117,3
Volyn	53	150	591	773	1013	1380	1427	1692	1994	2339	117,3
Dnipropetrovsk	91	273	913	1139	1455	1876	1963	2369	2790	3138	112,5
Donetsk	97	292	962	1202	1535	2015	2116	2549	3063	3496	114,1
Zhytomyr	61	164	602	793	1033	1404	1493	1785	2071	2369	114,4
Zakarpattia	50	172	665	868	1091	1453	1562	1846	2069	2351	113,6
Zaporizhzhya	84	289	860	1091	1394	1812	1843	2187	2607	2927	112,3
Ivano-Frankivsk	65	188	718	923	1180	1543	1627	1927	2213	2539	114,8
Kyiv	78	241	811	1058	1362	1852	1987	2295	2761	3157	114,3
Kirovohrad	58	170	624	819	1054	1428	1537	1815	2114	2428	114,9
Luhansk	82	232	805	1022	1323	1769	1873	2271	2742	3090	112,7
Lviv	62	196	713	923	1183	1570	1667	1941	2244	2578	114,9
Mykolayiv	68	227	744	955	1202	1621	1806	2122	2448	2822	115,3
Odesa	66	236	768	966	1226	1633	1787	2046	2387	2700	113,1
Poltava	76	220	758	961	1243	1661	1733	2102	2481	2850	114,9
Rivne	61	173	685	888	1133	1523	1614	1960	2211	2575	116,5
Sumy	66	194	663	857	1098	1472	1593	1866	2177	2503	114,9
Ternopil	53	135	553	727	943	1313	1412	1659	1871	2185	116,8
Kharkiv	72	230	759	974	1251	1679	1804	2060	2407	2753	114,4
Kherson	59	173	625	800	1017	1375	1482	1733	1970	2269	115,2
Khmelnyskiy	55	156	584	792	1045	1429	1521	1786	2075	2425	116,9
Cherkasy	63	175	642	846	1085	1459	1532	1835	2155	2508	116,4
Chernivtsi	55	157	621	819	1051	1402	1523	1772	1985	2329	117,3
Chernihiv	57	177	602	790	1016	1370	1465	1711	1974	2308	116,9
cities											
Kyiv	100	405	1314	1729	2300	3074	3161	3431	4012	4607	114,8
Sevastopol	83	251	803	1005	1302	1726	1882	2167	2476	2891	116,7

¹ See the footnote to Table 18.7

POPULATION INCOME AND EXPENDITURE

**18.12. The number and nominal wages of employees in 2012,
by sex and type of economic activity¹**

	Averaged payroll staff, thsd.		Average monthly nominal wages of employees, UAH		
	males	females	males	females	
				UAH	percent of average monthly wages of males
Total	5028,3	5560,7	3429	2661	77,6
Agriculture, hunting, forestry	444,9	198,4	2153	1905	88,5
Fishing	5,0	0,9	1518	1741	114,7
Industry	1747,7	1015,8	3946	2732	69,2
Construction	259,7	62,6	2577	2135	82,8
Trade; repair of motor vehicles, household appliances and personal demand items	506,3	475,1	2945	2431	82,6
Hotels and restaurants	36,6	72,2	2301	1933	84,0
Transport and communications	575,7	355,8	3797	2951	77,7
transport	499,3	234,2	3779	3288	87,0
post and communications	76,4	121,6	3915	2302	58,8
Financial activity	90,1	186,5	7491	5211	69,6
Real estate transactions, renting, engineering and provision of services to businessmen	388,0	327,4	3493	3368	96,4
of which research and development	64,7	61,2	4152	3406	82,0
Public administration	212,7	391,7	3753	3273	87,2
Education	379,9	1249,4	2714	2470	91,0
Health care and provision of social aid	230,5	1017,1	2386	2159	90,5
Provision of communal and individual services; cultural and sporting activity	151,2	207,8	3568	2525	70,8
of which cultural, sporting, recreational and entertainment activities	93,7	157,9	4100	2606	63,6

¹ Data is by businesses, establishments, organisations and their separate units employing 10 and more employees

POPULATION INCOME AND EXPENDITURE

18.13. Average monthly pension¹

(beginning of year; UAH)

	1996	2001	2006	2007	2008	2009	2010	2011	2012	2013
Average monthly pensions payable to pensioners from the Pension Fund of Ukraine	38,7	83,7	406,8	478,4	776,0	934,3	1032,6	1151,9	1253,3	1470,7
including										
old age	38,8	85,2	417,7	497,0	798,9	942,7	1039,6	1156,0	1252,4	1464,3
disability	45,6	94,5	393,2	435,8	624,4	780,7	884,6	1033,8	1164,3	1359,2
of which										
due to accident at work or occupational disease	56,5	89,7	280,5	280,5	287,1	588,9	682,1	824,7	903,5	980,2
1 st group	55,5	99,8	290,2	291,9	299,8	559,0	642,7	771,7	848,8	922,4
2 nd group	71,2	89,3	290,3	290,6	298,7	568,2	662,5	796,4	872,8	943,3
3 rd group	46,9	88,7	277,8	277,9	284,4	593,9	687,3	831,8	911,0	988,6
to survivors who lost their benefactor	33,2	61,0	302,8	339,3	517,5	696,6	807,9	940,0	1053,8	1252,8
of which										
to families of employees and agricultural workers who lost their benefactor	30,7	58,8	299,1	333,0	468,7	644,7	768,9	912,2	1031,2	1213,1
long service	40,7	105,8	443,9	551,3	1243,1	1599,1	1676,3	1719,1	1795,2	2172,1
entitled welfare pensions	21,4	43,7	339,6	316,3	369,7	538,0	620,6	744,8	818,1	920,4

¹ Since the beginning of 2005 and elsewhere, including compensation paid and target aid as provided by current legislation. Since the beginning of 2008, the average pension (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) includes pensions of the retired from the Ministry of Defence of Ukraine, the Ministry of the Internal Affairs of Ukraine, the Ministry of Emergencies of Ukraine, the Security Service of Ukraine, the State Tax Service of Ukraine and the State Penitentiary Service of Ukraine. These pensions are assigned and disbursed by the bodies of the Pension Fund of Ukraine in accordance with the Cabinet of Ministers of Ukraine Regulation of 02.11.2006 № 1522

POPULATION INCOME AND EXPENDITURE

18.14. Differentiation of household living standards¹

	Quintile coefficient for differentiating the population income ² , times		Ratio of income ² of richest and poorest 20% population, times		Share of population with per capita equivalent average monthly income ² which is below subsistence level ³ , percent	
	money	total	money	total	money	total
2000	2,8	2,3	6,0	4,4	87,9	80,2
2001	3,0	2,5	6,0	4,6	89,0	82,7
2002	2,7	2,4	5,7	4,5	88,4	83,3
2003	2,7	2,3	5,7	4,4	83,4	76,2
2004	2,6	2,4	5,5	4,6	73,8	65,6
2005	2,6	2,4	5,5	4,6	64,0	55,3
2006	2,6	2,4	5,5	4,7	58,3	49,7
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

¹ Here and elsewhere (Tables 18.15–18.44, 18.47) data of the household living condition survey

² In 2000–2006 as the differentiation criterion the indicators “monetary expenditure” and “total expenditure” were used

³ 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, 463,75 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

18.15. Households, by size and number of children

(percent)

	2000			2011			2012		
	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	20,9	19,9	23,2	23,6	22,7	25,8	22,4	21,9	23,7
two persons	27,6	28,2	26,2	28,0	28,5	26,8	29,9	30,3	29,0
three persons	22,0	24,6	16,3	25,6	28,6	18,9	25,0	27,8	18,7
four persons	19,0	19,6	17,9	14,7	14,6	14,8	14,9	14,3	16,1
five and more persons	10,5	7,7	16,4	8,1	5,6	13,7	7,8	5,7	12,5
Average household size, persons	2,76	2,70	2,89	2,59	2,53	2,70	2,58	2,53	2,70
Percentage of households with children aged under 18	43,6	44,6	41,4	37,9	38,4	36,7	37,9	38,9	35,8
Percentage of households without children	56,4	55,4	58,6	62,1	61,6	63,3	62,1	61,1	64,2
Of total households, percentage of households with children aged									
under 3	5,2	4,8	6,0	7,5	8,1	6,2	7,8	8,2	7,0
under 7	13,7	12,9	15,5	17,6	18,8	14,9	17,7	18,9	14,8
under 14	32,8	33,0	32,3	29,6	30,4	27,8	29,9	31,3	26,6
under 16	38,8	39,5	37,3	33,3	33,9	32,0	33,6	34,8	30,8

POPULATION INCOME AND EXPENDITURE

18.16. Households with children, by number of children

(percent)

	2000			2011			2012		
	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 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	61,0	66,5	48,0	74,9	79,7	63,6	75,7	80,0	65,3
two children	33,3	30,0	41,2	22,6	19,1	30,9	21,5	18,8	28,3
three children	4,1	2,7	7,5	2,0	1,0	4,5	2,4	1,0	5,6
four or more children	1,6	0,8	3,3	0,5	0,2	1,0	0,4	0,2	0,8

18.17. Population, by per capita equivalent money income

(percent)

	2010			2011			2012		
	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	0,8	0,2	2,2	0,8	0,4	1,5
480,1–840,0	13,5	9,5	22,1	8,9	5,7	15,8	5,2	3,1	9,7
840,1–1200,0	29,4	26,5	35,2	24,4	20,4	32,8	18,1	14,4	26,1
1200,1–1560,0	23,1	24,2	20,6	25,0	24,8	25,2	24,2	22,4	27,9
1560,1–1920,0	13,6	15,4	10,0	16,1	18,2	11,7	18,5	19,8	15,8
1920,1–2280,0	18,5 ¹	23,6 ¹	7,7 ¹	24,8 ¹	30,7 ¹	12,3 ¹	12,2	13,7	9,0
2280,1–2640,0	7,8	9,6	4,2
2640,1–3000,0	4,8	6,1	2,1
3000,1–3360,0	2,7	3,3	1,5
3360,1–3720,0	2,0	2,5	0,8
over 3720,0	3,7	4,7	1,4
Quintile differentiation coefficient of cash income of the population, times	2,1	2,1	1,9	2,1	2,1	1,8	2,0	2,1	1,8
Ratio of money income richest and poorest 20% population (quintile coefficient for funds), times	4,0	3,8	3,6	3,8	3,6	3,5	3,6	3,4	3,3
Percentage of population with monthly average per capita equivalent money income, which is below subsistence level ²	15,6	10,3	26,5	13,7	9,0	23,5	14,1	9,7	23,6

¹ Over 1920 UAH² In 2010, 843,17 UAH; in 2011, 914,08 UAH; in 2012, 1042,42

POPULATION INCOME AND EXPENDITURE

18.18. Households, by per capita equivalent money income*(percent)*

	2010			2011			2012		
	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	0,6	0,2	1,6	0,6	0,3	1,2
480,1–840,0	11,4	8,4	18,2	6,6	4,3	11,8	4,2	2,6	7,8
840,1–1200,0	30,1	26,8	37,3	25,4	21,3	34,6	17,9	14,5	25,4
1200,1–1560,0	22,7	23,6	20,8	24,5	23,9	26,0	24,5	22,4	29,4
1560,1–1920,0	13,6	15,0	10,7	15,8	17,3	12,2	18,1	19,0	16,0
1920,1–2280,0	20,6 ¹	25,5 ¹	9,4 ¹	27,1 ¹	33,0 ¹	13,8 ¹	12,1	13,5	9,1
2280,1–2640,0	8,0	9,6	4,5
2640,1–3000,0	5,1	6,3	2,5
3000,1–3360,0	3,1	3,8	1,5
3360,1–3720,0	2,2	2,7	0,9
over 3720,0	4,2	5,3	1,7
Percentage of households with monthly average per capita equivalent money income, which is below subsistence level ²	13,3	9,3	22,0	11,4	8,0	18,9	12,1	8,6	19,7

¹ See the first footnote to Table 18.17² See the second footnote to Table 18.17

POPULATION INCOME AND EXPENDITURE

18.19. Households in 2012, 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	0,6	4,2	17,9	24,5	18,1	12,1
Breakdown by level of average per capita equivalent money income of households consisting of							
one person	100,0	0,5	1,4	26,7	28,2	14,8	8,6
two persons	100,0	0,2	3,6	9,9	23,8	18,8	13,7
three persons	100,0	0,3	4,7	15,0	20,8	20,0	15,5
four persons	100,0	1,6	7,2	20,6	26,3	18,9	9,6
five persons and more	100,0	1,3	7,5	27,0	25,8	16,9	10,1
All households with children	100,0	1,0	7,2	22,0	25,2	19,1	10,7
Breakdown by level of average per capita equivalent money income of households with							
one child	100,0	0,7	5,6	19,0	24,5	20,2	12,6
two children	100,0	2,0	11,1	30,6	27,7	16,8	5,1
three children	100,0	5,0	21,5	39,9	25,9	7,0	0,7
four or more children	100,0	—	25,4	42,2	9,3	5,4	17,7

Table 18.19 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 1042,42 UAH ¹
All households	8,0	5,1	3,1	2,2	4,2	12,1
Breakdown by level of average per capita equivalent money income of households consisting of						
one person	5,9	4,6	3,1	1,8	4,4	10,1
two persons	10,4	6,1	4,3	3,3	5,9	7,3
three persons	8,4	5,9	3,1	2,0	4,3	12,3
four persons	7,2	3,3	1,8	1,2	2,3	18,3
five persons and more	5,4	3,2	1,0	1,1	0,7	23,2
All households with children	6,2	3,8	1,7	1,0	2,1	19,1
Breakdown by level of average per capita equivalent money income of households with						
one child	7,2	4,4	2,3	1,0	2,5	15,4
two children	3,3	1,8	0,0	0,9	0,7	28,4
three children	—	—	—	—	—	48,4
four or more children	—	—	—	—	—	63,4

¹ The size of subsistence wage in 2012

POPULATION INCOME AND EXPENDITURE

18.20. Structure of household money expenditure*(average monthly per one household)*

	2000			2011			2012		
	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	417,7	457,6	329,6	3124,7	3388,8	2532,2	3300,2	3550,2	2736,0
	Percent								
Consumption money expenditure	91,9	94,6	83,5	89,6	92,3	81,5	90,0	92,6	82,4
food products (including catering outside home, alcoholic beverages and tobacco)	62,7	64,5	57,2	53,6	55,4	48,7	52,8	54,3	47,9
manufactured goods and services	29,2	30,1	26,3	36,0	36,9	32,8	37,2	38,3	34,5
Monetary support to relatives, friends and other persons	1,8	1,5	2,6	3,3	2,7	4,9	3,6	3,1	5,2
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	6,3	3,9	13,9	7,1	5,0	13,6	6,4	4,3	12,4

18.21. Structure of household money expenditure, by household size*(average monthly per one household)*

	2011						2012					
	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	3124,7	1715,4	2877,7	3697,2	4135,8	4447,8	3300,2	1763,6	3025,1	3939,9	4319,1	4792,7
	Percent											
Consumption money expenditure	89,6	89,8	87,9	90,4	91,3	88,6	90,0	90,9	87,4	91,8	91,8	87,9
food products (including catering outside home, alcoholic beverages and tobacco)	53,6	57,2	53,8	52,7	53,4	52,7	52,8	57,4	53,0	52,1	52,2	50,0
manufactured goods and services	36,0	32,6	34,1	37,7	37,9	35,9	37,2	33,5	34,4	39,7	39,6	37,9
Monetary support to relatives, friends and other persons	3,3	4,7	5,1	2,5	1,7	1,9	3,6	4,5	6,0	2,7	2,0	2,4
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	7,1	5,5	7,0	7,1	7,0	9,5	6,4	4,6	6,6	5,5	6,2	9,7

POPULATION INCOME AND EXPENDITURE

18.22. Structure of money expenditure for households with children, by number of children*(average monthly per one household)*

	2011					2012				
	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	3815,4	3803,5	3853,0	3697,2	4397,0	4015,0	3967,4	4193,5	3846,5	4491,5
	Percent									
Consumption money expenditure	90,7	90,7	91,3	88,4	85,7	91,9	92,0	91,7	90,4	79,7
food products (including catering outside home, alcoholic beverages and tobacco)	52,9	53,1	52,8	53,1	51,2	52,3	52,1	52,5	53,8	48,8
manufactured goods and services	37,8	37,6	38,5	35,3	34,5	39,6	39,9	39,2	36,6	30,9
Monetary support to relatives, friends and other persons	1,9	2,1	1,5	1,3	1,0	2,1	2,3	1,5	1,5	1,0
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	7,4	7,2	7,2	10,3	13,3	6,0	5,7	6,8	8,1	19,3

18.23. Structure of household money expenditure in 2012, 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	3300,2	1204,6	1982,0	2162,6	2626,4	3329,0	3694,9
	Percent						
Consumption money expenditure	90,0	93,7	92,7	92,6	91,4	90,9	90,7
food products (including catering outside home, alcoholic beverages and tobacco)	52,8	61,8	59,9	59,2	56,0	53,6	52,9
manufactured goods and services	37,2	31,9	32,8	33,4	35,4	37,3	37,8
Monetary support to relatives, friends and other persons	3,6	1,5	1,3	2,3	3,0	3,3	3,7
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	6,4	4,8	6,0	5,1	5,6	5,8	5,6

POPULATION INCOME AND EXPENDITURE

Table 18.23 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 1042,42 UAH ¹
Total money expenditure, UAH	4170,2	4628,5	4670,0	5618,7	6944,5	2060,1
	Percent					
Consumption money expenditure	90,4	90,3	86,5	86,3	82,1	92,8
food products (including catering outside home, alcoholic beverages and tobacco)	52,1	51,3	47,0	45,5	39,6	59,7
manufactured goods and services	38,3	39,0	39,5	40,8	42,5	33,1
Monetary support to relatives, friends and other persons	4,0	4,3	5,3	5,5	5,9	1,6
Other expenditure (on personal subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	5,6	5,4	8,2	8,2	12,0	5,6

¹ See the footnote to Table 18.19

18.24. Population, by total per capita equivalent income

(percent)

	2010			2011			2012		
	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	0,2	0,1	0,4	0,3	0,3	0,4
480,1–840,0	8,0	6,4	11,3	5,0	4,0	6,8	3,1	2,4	4,7
840,1–1200,0	26,0	24,2	29,6	18,7	16,7	22,9	12,9	11,2	16,5
1200,1–1560,0	27,0	26,5	28,4	26,7	25,3	29,9	23,9	21,7	28,7
1560,1–1920,0	16,4	16,8	15,8	20,0	20,3	19,5	21,1	20,9	21,6
1920,1–2280,0	21,9 ¹	25,8 ¹	13,6 ¹	29,4 ¹	33,6 ¹	20,5 ¹	14,4	15,3	12,2
2280,1–2640,0	9,4	10,0	7,9
2640,1–3000,0	5,6	6,8	3,1
3000,1–3360,0	3,0	3,7	1,7
3360,1–3720,0	2,2	2,5	1,5
over 3720,0	4,1	5,2	1,7
Quintile differentiation coefficient of total income of the population, times	1,9	2,0	1,8	1,9	2,0	1,8	1,9	2,0	1,8
Ratio of total income richest and poorest 20% population (quintile coefficient for funds), times	3,6	3,7	3,2	3,4	3,4	3,1	3,3	3,3	3,0
Percentage of population with monthly average per capita equivalent total income, which is below subsistence level ²	8,8	6,9	12,9	7,8	6,2	11,2	9,1	7,4	12,7

¹ See the first footnote to Table 18.17² See the second footnote to Table 18.17

POPULATION INCOME AND EXPENDITURE

18.25. Households, by total per capita equivalent income

(percent)

	2010			2011			2012		
	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	0,2	0,1	0,3	0,2	0,2	0,3
480,1–840,0	6,4	5,5	8,7	3,6	3,1	5,0	2,7	2,1	4,0
840,1–1200,0	25,1	24,1	27,6	17,9	16,6	20,9	11,5	10,3	14,3
1200,1–1560,0	26,8	25,6	29,4	26,7	24,7	31,3	24,2	22,1	28,9
1560,1–1920,0	16,8	16,6	17,0	19,4	19,3	19,4	21,1	20,5	22,7
1920,1–2280,0	24,3 ¹	27,9 ¹	16,2 ¹	32,2 ¹	36,2 ¹	23,1 ¹	14,2	15,0	12,6
2280,1–2640,0	9,6	10,1	8,0
2640,1–3000,0	5,9	6,9	3,5
3000,1–3360,0	3,4	4,1	2,0
3360,1–3720,0	2,4	2,8	1,6
over 3720,0	4,8	5,9	2,1
Percentage of households with monthly average per capita equivalent total income, which is below subsistence level ²									
	7,1	5,9	9,9	6,0	5,0	8,2	7,5	6,2	10,2

¹ See the first footnote to Table 18.17

² See the second footnote to Table 18.17

POPULATION INCOME AND EXPENDITURE

18.26. Households in 2012, 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	0,2	2,7	11,5	24,2	21,1	14,2
Breakdown by level of average per capita equivalent total income of households consisting of							
one person	100,0	0,1	1,2	12,3	31,0	20,9	11,3
two persons	100,0	0,1	2,3	6,5	19,7	21,3	15,9
three persons	100,0	0,1	3,2	11,6	20,4	21,5	16,5
four persons	100,0	0,9	4,1	15,4	28,2	21,2	11,6
five persons and more	100,0	0,5	4,1	20,7	26,5	20,0	13,6
All households with children	100,0	0,4	4,6	17,0	26,8	21,2	12,5
Breakdown by level of average per capita equivalent total income of households with							
one child	100,0	0,3	3,5	14,2	25,0	22,4	14,0
two children	100,0	0,7	7,3	24,8	32,5	18,3	7,8
three children	100,0	1,9	14,2	31,7	36,7	9,4	5,9
four or more children	100,0	—	19,6	41,1	12,7	8,7	17,6

Table 18.26 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 1042,42 UAH ¹
All households	9,6	5,9	3,4	2,4	4,8	7,5
Breakdown by level of average per capita equivalent total income of households consisting of						
one person	7,5	5,1	3,5	2,2	4,9	4,1
two persons	11,9	7,3	4,7	3,7	6,6	5,0
three persons	9,6	6,9	3,4	2,0	4,8	8,5
four persons	8,6	3,7	2,5	1,1	2,7	12,1
five persons and more	7,6	3,9	0,6	1,8	0,7	14,1
All households with children	7,7	4,2	2,1	1,2	2,3	12,9
Breakdown by level of average per capita equivalent total income of households with						
one child	8,8	5,0	2,7	1,4	2,7	10,3
two children	5,0	1,9	0,1	0,7	0,9	19,3
three children	0,2	—	—	—	—	34,4
four and more children	0,3	—	—	—	—	44,7

¹ See the footnote to Table 18.19

POPULATION INCOME AND EXPENDITURE

18.27. Structure of total household expenditure*(average monthly per one household)*

	2000			2011			2012		
	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	541,3	547,3	528,1	3456,0	3621,6	3084,6	3591,8	3754,0	3225,7
	Percent								
Total consumer expenditure	93,3	93,8	92,5	90,2	91,2	87,8	90,9	92,0	88,0
food products (including catering outside home, alcoholic beverages and tobacco)	67,9	65,3	74,1	56,5	55,4	60,0	55,5	54,6	58,0
manufactured goods and services	25,4	28,5	18,4	33,7	35,8	27,8	35,4	37,4	30,0
payment for housing, communal products and services	6,9	8,1	4,2	8,0	9,1	5,2	8,3	9,5	5,3
of which									
sum of benefits and subsidies	2,3	2,5	1,8	0,6	0,7	0,5	0,6	0,7	0,5
Non-consumption total expenditure	6,7	6,2	7,5	9,8	8,8	12,2	9,1	8,0	12,0

18.28. Structure of total household expenditure, by household size*(average monthly per one household)*

	2011						2012					
	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	3456,0	1899,7	3161,6	4041,7	4589,0	5109,4	3591,8	1931,5	3275,8	4235,2	4707,3	5402,9
	Percent											
Total consumer expenditure	90,2	90,9	88,9	89,8	91,7	91,2	90,9	91,7	88,5	91,7	93,0	90,4
food products (including catering outside home, alcoholic beverages and tobacco)	56,5	59,3	56,6	54,5	56,4	59,1	55,5	59,2	55,3	54,0	55,6	55,9
manufactured goods and services	33,7	31,6	32,3	35,3	35,3	32,1	35,4	32,5	33,2	37,7	37,4	34,5
payment for housing, communal products and services	8,0	10,2	8,6	7,9	7,1	6,1	8,3	10,8	9,0	8,3	7,3	5,9
of which												
sum of benefits and subsidies	0,6	1,5	0,8	0,4	0,3	0,5	0,6	1,5	0,8	0,3	0,4	0,4
Non-consumption total expenditure	9,8	9,1	11,1	10,2	8,3	8,8	9,1	8,3	11,5	8,3	7,0	9,6

POPULATION INCOME AND EXPENDITURE

18.29. Structure of total expenditure for households with children, by number of children*(average monthly per one household)*

	2011					2012				
	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	4246,9	4179,3	4421,1	4577,3	5211,6	4386,0	4303,8	4642,1	4543,9	5396,6
	Percent									
Total consumer expenditure	91,0	90,7	92,0	91,1	89,2	92,5	92,4	93,0	92,2	84,6
food products (including catering outside home, alcoholic beverages and tobacco)	56,2	55,7	57,6	60,4	58,6	55,4	54,8	56,8	60,1	57,5
manufactured goods and services	34,8	35,0	34,4	30,7	30,6	37,1	37,6	36,2	32,1	27,1
payment for housing, communal products and services	7,5	7,7	7,0	5,7	5,0	7,8	8,0	7,4	5,0	4,8
of which										
sum of benefits and subsidies	0,3	0,3	0,3	1,2	0,7	0,3	0,3	0,3	0,7	1,0
Non-consumption total expenditure	9,0	9,3	8,0	8,9	10,8	7,5	7,6	7,0	7,8	15,4

18.30. Structure of total household expenditure in 2012, 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	3591,8	1643,4	2021,5	2451,0	2720,7	3354,1	3813,8
	Percent						
Total consumer expenditure	90,9	97,2	96,7	95,9	94,3	92,6	91,3
food products (including catering outside home, alcoholic beverages and tobacco)	55,5	68,3	67,2	64,8	61,4	58,1	56,1
manufactured goods and services	35,4	28,9	29,5	31,1	32,9	34,5	35,2
payment for housing, communal products and services	8,3	7,8	9,1	9,0	8,9	8,7	8,3
of which							
sum of benefits and subsidies	0,6	0,0	0,3	0,5	0,9	0,7	0,7
Non-consumption total expenditure	9,1	2,8	3,3	4,1	5,7	7,4	8,7

POPULATION INCOME AND EXPENDITURE

Table 18.30 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 1042,42 UAH ¹
Total expenditure, UAH	4296,9	4824,3	5020,0	5419,9	7262,5	2255,6
	Percent					
Total consumer expenditure	90,5	89,4	87,0	84,0	81,5	96,2
food products (including catering outside home, alcoholic beverages and tobacco)	53,9	51,9	48,8	45,9	40,4	65,6
manufactured goods and services	36,6	37,5	38,2	38,1	41,1	30,6
payment for housing, communal products and services	7,9	8,0	7,7	8,2	6,9	8,8
of which						
sum of benefits and subsidies	0,5	0,5	0,5	0,5	0,4	0,4
Non-consumption total expenditure	9,5	10,6	13,0	16,0	18,5	3,8

¹ See the footnote to Table 18.19**18.31. Structure of household expenditure in 2012, 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	3591,8	3754,0	3225,7	3300,2	3550,2	2736,0
	Percent					
Consumption expenditure	90,9	92,0	88,0	90,0	92,6	82,4
food goods and non-alcoholic beverages	50,2	48,7	53,9	47,0	48,1	43,3
alcohol	1,5	1,6	1,2	1,6	1,7	1,3
tobacco	2,0	2,1	2,0	2,2	2,2	2,3
clothing and footwear	6,1	6,0	6,4	6,7	6,4	7,6
housing, water, electricity, gas and other fuel	9,9	10,7	7,8	10,1	10,6	8,6
furniture, personal effects, household appliances and daily household services	2,3	2,4	2,1	2,5	2,5	2,5
health care	3,4	3,3	3,6	3,5	3,3	4,1
transport	4,3	4,5	3,8	4,5	4,5	4,4
communications	2,8	3,1	2,0	3,0	3,2	2,4
recreation and culture	2,0	2,3	1,1	2,1	2,4	1,2
education	1,3	1,5	0,9	1,4	1,6	1,0
hotels, cafes and restaurants	2,5	3,0	1,1	2,6	3,1	1,3
other goods and services	2,6	2,8	2,1	2,8	3,0	2,4

POPULATION INCOME AND EXPENDITURE

18.32. Structure of household money income*(average monthly per one household)*

	2000			2011			2012		
	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	288,0	306,4	247,3	3452,8	3693,6	2912,5	3788,3	4018,0	3270,1
	Percent								
Labour remuneration	54,6	61,9	34,5	54,9	59,7	41,1	55,7	59,8	43,8
Income from entrepreneurship and self-employment	3,5	3,9	2,5	5,3	5,4	4,7	4,5	4,8	3,6
Income from sales of agricultural products	7,8	1,5	24,9	3,6	0,5	12,2	3,1	0,5	10,4
Cash pensions, stipends and benefits	23,3	22,3	26,4	28,3	26,6	33,3	29,5	28,0	34,0
Monetary support from relatives and other individuals and other money income	10,8	10,4	11,7	7,9	7,8	8,7	7,2	6,9	8,2

18.33. Structure of household money income, by household size*(average monthly per one household)*

	2011						2012					
	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	3452,8	1670,0	3197,8	4156,9	4584,5	5258,2	3788,3	1771,1	3445,5	4515,1	5086,4	6117,6
	Percent											
Labour remuneration	54,9	29,3	44,3	66,2	65,7	55,1	55,7	29,7	44,7	68,5	64,6	55,9
Income from entrepreneurship and self-employment	5,3	3,2	3,2	6,7	6,2	5,9	4,5	2,3	2,9	6,1	5,3	4,8
Income from sales of agricultural products	3,6	2,9	3,7	2,5	3,8	5,8	3,1	1,9	3,1	2,7	3,5	4,4
Cash pensions, stipends and benefits	28,3	50,0	40,3	16,8	18,1	27,9	29,5	51,7	42,0	16,3	20,6	29,9
Monetary support from relatives and other individuals and other money income	7,9	14,6	8,5	7,8	6,2	5,3	7,2	14,4	7,3	6,4	6,0	5,0

POPULATION INCOME AND EXPENDITURE

18.34. Structure of money income for households with children, by number of children*(average monthly per one household)*

	2011					2012				
	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	4191,5	4202,6	4109,9	4402,7	5432,0	4615,8	4594,7	4701,7	4392,2	5438,8
	Percent									
Labour remuneration	63,1	65,6	57,9	39,5	31,9	64,7	67,3	58,9	41,1	23,3
Income from entrepreneurship and self-employment	7,4	7,3	8,2	4,4	1,9	6,0	6,1	6,1	4,9	1,3
Income from sales of agricultural products	3,5	3,0	4,9	5,8	4,9	3,1	2,8	3,6	3,9	23,4
Cash pensions, stipends and benefits	17,2	15,3	20,4	40,6	45,6	18,6	16,5	23,0	41,4	45,1
Monetary support from relatives and other individuals and other money income	8,8	8,8	8,6	9,7	15,7	7,6	7,3	8,4	8,7	6,9

18.35. Structure of household money income in 2012, 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	3788,3	1001,3	1807,3	2231,6	2859,8	3738,6	4422,8
	Percent						
Labour remuneration	55,7	34,1	43,9	44,8	46,2	54,5	60,9
Income from entrepreneurship and self-employment	4,5	2,5	4,0	3,4	3,5	3,5	4,1
Income from sales of agricultural products	3,1	9,4	6,8	4,1	3,4	3,1	3,5
Cash pensions, stipends and benefits	29,5	31,9	33,6	39,3	38,7	31,7	25,4
Monetary support from relatives and other individuals and other money income	7,2	22,1	11,7	8,4	8,2	7,2	6,1

POPULATION INCOME AND EXPENDITURE

Table 18.35 continued

	Monthly average per capita equivalent money income, UAH						for reference: under 1042,42 UAH ¹
	2280,1–2640,0	2640,1–3000,0	3000,1–3360,0	3360,1–3720,0	over 3720,0		
Total money income, UAH	5050,4	5606,7	6004,1	6850,2	8760,1	2022,8	
		Percent					
Labour remuneration	62,4	65,0	61,7	63,8	61,7	45,5	
Income from entrepreneurship and self-employment	5,0	4,2	5,7	7,1	8,5	4,3	
Income from sales of agricultural products	2,6	2,1	1,8	2,6	2,4	6,1	
Cash pensions, stipends and benefits	24,3	22,9	24,8	20,5	19,6	33,8	
Monetary support from relatives and other individuals and other money income	5,7	5,8	6,0	6,0	7,8	10,3	

¹ See the footnote to Table 18.19**18.36. Structure of household total resources**

(average monthly per one household)

	2000			2011			2012		
	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	422,9	406,8	458,4	3841,7	3984,2	3522,1	4134,2	4272,0	3823,3
			Percent						
Money income	68,1	75,3	54,0	89,9	92,7	82,7	91,6	94,1	85,5
labour remuneration	37,1	46,6	18,7	49,3	55,4	34,0	50,9	56,4	37,4
income from entrepreneurship and self-employment	2,4	3,0	1,4	4,6	5,0	3,9	4,1	4,6	3,1
income from sales of agricultural products	5,3	1,1	13,4	3,2	0,4	10,1	2,9	0,4	8,9
cash pensions, stipends and benefits	15,9	16,7	14,2	25,5	24,6	27,5	27,1	26,3	29,1
monetary support from relatives and other individuals and other money income	7,4	7,9	6,3	7,3	7,3	7,2	6,6	6,4	7,0
Value of consumed products that were produced at private subsistence farms or individually procured	17,1	8,0	34,9	4,5	1,5	12,2	3,6	1,3	9,6
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	2,9	3,3	2,0	0,6	0,6	0,5	0,5	0,6	0,4
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	0,9	1,2	0,3	0,5	0,6	0,2	0,5	0,5	0,3
Other receipts	11,0	12,2	8,8	4,5	4,6	4,4	3,8	3,5	4,2

¹ In 2000, non-cash benefits to pay for places in sanatoria and resorts, inter-city transport and communications

POPULATION INCOME AND EXPENDITURE

18.37. Structure of household total resources, by household size*(average monthly per one household)*

	2011						2012					
	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	3841,7	1900,8	3526,7	4585,6	5091,3	5975,7	4134,2	1968,6	3752,5	4875,9	5542,2	6785,6
	Percent											
Money income	89,9	87,9	90,7	90,7	90,0	88,0	91,6	90,0	91,8	92,6	91,8	90,2
labour remuneration	49,3	25,8	40,1	60,1	59,2	48,5	50,9	26,7	41,0	63,5	59,3	50,5
income from entrepreneurship and self-employment	4,6	2,8	2,9	6,2	5,5	5,2	4,1	2,0	2,7	5,7	4,8	4,4
income from sales of agricultural products	3,2	2,5	3,4	2,4	3,4	5,1	2,9	1,7	2,8	2,5	3,3	4,0
cash pensions, stipends and benefits	25,5	44,0	36,6	15,2	16,3	24,6	27,1	46,6	38,6	15,1	18,9	26,8
monetary support from relatives and other individuals and other money income	7,3	12,8	7,7	6,8	5,6	4,6	6,6	13,0	6,7	5,8	5,5	4,5
Value of consumed products that were produced at private subsistence farms or individually procured	4,5	4,5	4,5	3,2	4,7	7,9	3,6	3,4	3,5	2,6	4,0	6,2
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,6	1,5	0,7	0,3	0,3	0,4	0,5	1,5	0,7	0,3	0,3	0,3
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 communication services	0,5	0,5	0,4	0,3	0,7	0,4	0,5	0,5	0,5	0,4	0,5	0,3
Other receipts	4,5	5,6	3,7	5,5	4,3	3,3	3,8	4,6	3,5	4,1	3,4	3,0

POPULATION INCOME AND EXPENDITURE

18.38. Structure of total resources of households with children, by number of children*(average monthly per one household)*

	2011					2012				
	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	4703,3	4681,1	4690,1	5311,6	6262,2	5045,4	4989,8	5211,2	5091,2	6658,4
	Percent									
Money income	89,1	89,8	87,6	82,9	86,7	91,5	92,1	90,2	86,3	81,7
labour remuneration	56,2	58,9	50,7	32,7	27,7	59,2	61,9	53,2	35,4	19,1
income from entrepreneurship and self- employment	6,6	6,6	7,1	3,6	1,6	5,5	5,6	5,4	4,2	1,1
income from sales of agricultural products	3,2	2,7	4,3	4,8	4,2	2,8	2,6	3,3	3,3	19,1
cash pensions, stipends and benefits	15,3	13,8	18,0	33,7	39,6	17,0	15,2	20,8	35,8	36,8
monetary support from relatives and other individuals and other money income	7,8	7,8	7,5	8,1	13,6	7,0	6,8	7,5	7,6	5,6
Value of consumed products that were produced at private subsistence farms or individually procured	4,8	3,8	6,9	10,8	9,7	3,8	3,4	4,7	8,8	10,4
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,3	0,3	0,3	1,1	0,6	0,3	0,3	0,3	0,7	0,8
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	0,6	0,7	0,5	0,5	0,5	0,5	0,3	0,2
Other receipts	5,3	5,6	4,6	4,5	2,5	3,9	3,7	4,3	3,9	6,9

POPULATION INCOME AND EXPENDITURE

**18.39. Structure of household total resources in 2012,
by different total per capita equivalent income***(average monthly per one household)*

	All house- holds	Monthly average per capita equivalent total income, UAH												for reference: under 1042,42 UAH¹
		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		
Total resources, UAH	4134,2	1331,3	1824,9	2490,1	2936,3	3724,2	4512,5	5169,5	5841,7	6206,5	6937,5	9235,2	2216,3	
		Percent												
Money income	91,6	72,5	85,4	89,7	90,1	90,8	92,2	93,0	93,1	93,3	94,2	92,4	87,3	
labour remuneration	50,9	15,9	39,6	44,3	41,9	47,8	52,6	56,0	59,1	58,3	58,3	56,7	43,1	
income from entrepreneurship and self-employment	4,1	1,7	3,6	3,1	3,4	3,0	3,9	4,0	4,6	3,9	6,8	7,5	3,4	
income from sales of agricultural products	2,9	1,3	3,4	3,6	2,8	2,6	3,3	3,2	2,6	2,2	3,3	2,2	4,1	
cash, pensions, stipends and benefits	27,1	33,2	27,9	31,0	34,6	30,8	26,5	24,1	21,3	23,6	20,1	18,6	27,1	
monetary support from relatives and other individuals and other money income	6,6	20,4	10,9	7,7	7,4	6,6	5,9	5,7	5,5	5,3	5,7	7,4	9,6	
Value of consumed products that were produced at private subsistence farms or individually procured	3,6	7,6	6,2	5,7	5,1	4,7	3,8	3,3	2,1	1,7	1,8	0,9	6,0	
Non-cash benefits and subsidies to pay for housing and communal utilities, energy and fuel	0,5	0,0	0,4	0,6	0,8	0,7	0,5	0,4	0,4	0,4	0,4	0,3	0,4	
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	0,6	0,1	0,2	0,4	0,3	0,4	0,6	0,5	0,9	0,5	0,7	0,2	
Other receipts	3,8	19,3	7,9	3,8	3,6	3,5	3,1	2,7	3,9	3,7	3,1	5,7	6,1	

¹ See the footnote to Table 18.19

POPULATION INCOME AND EXPENDITURE

18.40. Foodstuffs consumed by households*(average monthly per capita; kg)*

	2000			2011			2012		
	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	3,3	3,3	3,2	5,1	5,6	4,3	5,1	5,4	4,4
Milk and dairy products	17,1	15,4	20,5	18,9	19,1	18,6	19,6	19,6	19,4
Eggs, pcs	18	20	16	20	21	19	20	21	18
Fish and fish products	1,3	1,4	1,1	1,7	1,8	1,6	1,7	1,7	1,7
Sugar	3,5	3,5	3,5	3,1	3,0	3,4	3,1	3,0	3,4
Sunflower-seed oil and other vegetables oils	1,8	1,9	1,6	1,8	1,8	1,8	1,8	1,8	1,8
Potatoes	10,4	9,0	13,1	7,7	6,8	9,8	7,6	6,6	9,9
Vegetables, melons and gourds	9,5	9,7	9,3	10,1	9,9	10,1	10,2	9,9	10,5
Fruit, berries, nuts and grapes	2,5	2,7	1,9	3,7	4,3	2,4	3,8	4,4	2,6
Bread and bakery products	10,7	10,5	11,2	9,2	8,4	10,7	9,1	8,4	10,7

18.41. Foodstuffs consumed by households, by household size*(average monthly per capita; kg)*

	2011						2012					
	all house- holds	number of members					all house- holds	number of members				
		one	two	three	four	five and more		one	two	three	four	five and more
Meat and meat products	5,1	6,7	6,1	5,0	4,5	3,9	5,1	6,7	6,0	5,1	4,3	3,7
Milk and dairy products	18,9	27,4	21,9	17,6	16,2	15,7	19,6	28,9	22,3	18,1	16,9	16,1
Eggs, pcs	20	22	23	20	20	17	20	22	23	20	19	16
Fish and fish products	1,7	2,4	2,1	1,6	1,5	1,3	1,7	2,3	2,1	1,7	1,4	1,2
Sugar	3,1	4,2	3,6	2,9	2,7	2,8	3,1	4,1	3,6	3,0	2,7	2,7
Sunflower-seed oil and other vegetables oils	1,8	2,9	2,1	1,6	1,4	1,4	1,8	2,9	2,1	1,6	1,4	1,4
Potatoes	7,7	10,3	8,6	6,9	6,9	7,6	7,6	10,1	8,5	6,8	7,0	7,5
Vegetables, melons and gourds	10,1	14,3	12,0	9,4	8,4	7,9	10,2	14,4	12,2	9,3	8,4	7,9
Fruit, berries, nuts and grapes	3,7	4,6	4,1	3,8	3,4	2,7	3,8	5,1	4,2	4,0	3,4	2,7
Bread and bakery products	9,2	13,9	10,5	8,2	7,8	8,1	9,1	13,9	10,5	8,1	7,7	7,8

POPULATION INCOME AND EXPENDITURE

**18.42. Foodstuffs consumed by households with children,
by number of children within household***(average monthly per capita; kg)*

	2011					2012				
	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	4,4	4,7	3,7	3,1	3,3	4,3	4,5	3,9	3,4	3,5
Milk and dairy products	16,6	16,9	16,0	14,5	15,2	16,9	17,3	16,0	13,9	17,4
Eggs, pcs	19	20	17	17	15	19	19	18	15	15
Fish and fish products	1,4	1,5	1,2	1,0	1,1	1,4	1,4	1,3	1,1	0,9
Sugar	2,7	2,8	2,6	2,3	2,4	2,7	2,8	2,5	2,8	2,4
Sunflower-seed oil and other vegetables oils	1,5	1,5	1,3	1,3	1,2	1,5	1,5	1,3	1,3	1,4
Potatoes	6,9	6,7	6,9	8,2	6,5	6,8	6,7	6,7	7,6	9,3
Vegetables, melons and gourds	8,3	8,7	7,6	7,0	6,6	8,4	8,7	7,6	7,6	8,0
Fruit, berries, nuts and grapes	3,4	3,7	3,0	2,1	2,5	3,5	3,8	3,2	2,5	2,5
Bread and bakery products	7,7	7,9	7,4	7,8	8,3	7,6	7,7	7,3	8,6	8,0

**18.43. Foodstuffs consumed by households in 2012,
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	5,1	2,2	2,9	3,8	4,4	5,1	5,4
Milk and dairy products	19,6	8,5	12,1	14,8	17,7	19,9	21,0
Eggs, pcs	20	10	17	18	19	20	21
Fish and fish products	1,7	0,7	1,2	1,3	1,5	1,7	1,9
Sugar	3,1	1,5	2,2	2,6	3,0	3,2	3,3
Sunflower-seed oil and other vegetables oils	1,8	1,3	1,5	1,6	1,8	1,8	1,8
Potatoes	7,6	8,7	7,3	7,4	7,9	7,9	7,7
Vegetables, melons and gourds	10,2	5,2	7,2	8,2	9,6	10,5	10,5
Fruit, berries, nuts and grapes	3,8	1,7	2,0	2,5	3,1	3,8	4,1
Bread and bakery products	9,1	7,0	8,0	8,5	9,5	9,4	9,1

POPULATION INCOME AND EXPENDITURE

Table 18.43 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 1042,42 UAH ¹
Meat and meat products	5,9	6,5	6,5	6,5	7,3	3,1
Milk and dairy products	22,6	23,2	24,4	23,8	25,5	12,6
Eggs, pcs	22	22	21	23	22	17
Fish and fish products	1,9	2,1	2,2	2,1	2,3	1,2
Sugar	3,4	3,4	3,6	3,4	3,3	2,3
Sunflower-seed oil and other vegetables oils	1,8	1,8	1,9	1,8	1,7	1,5
Potatoes	7,5	7,6	7,1	7,0	6,5	7,1
Vegetables, melons and gourds	11,1	11,5	11,7	11,9	11,5	7,4
Fruit, berries, nuts and grapes	4,7	5,0	6,0	5,2	6,5	2,1
Bread and bakery products	9,2	9,2	9,2	8,7	8,3	8,0

¹ See the footnote to Table 18.19
**18.44. Foodstuffs consumed by households, by quintile (20%) group
and total per capita equivalent income**

(average monthly per capita; kg)

	2011						monthly average per capita equivalent total income, which is below subsistence level ¹
	all house- holds	including by quintile (20%) groups					
		first	second	third	fourth	fifth	
Meat and meat products	5,1	3,7	4,4	5,1	5,7	6,9	3,1
Milk and dairy products	18,9	14,3	17,5	19,2	20,4	24,1	11,7
Eggs, pcs	20	18	19	21	22	23	17
Fish and fish products	1,7	1,3	1,6	1,8	1,9	2,2	1,1
Sugar	3,1	2,6	3,0	3,3	3,3	3,5	2,3
Sunflower-seed oil and other vegetables oils	1,8	1,6	1,7	1,8	1,8	2,0	1,5
Potatoes	7,7	7,1	7,6	8,0	8,1	8,0	6,8
Vegetables, melons and gourds	10,1	7,9	9,4	10,2	10,8	12,2	7,0
Fruit, berries, nuts and grapes	3,7	2,4	2,9	3,7	4,1	5,5	2,0
Bread and bakery products	9,2	8,6	9,2	9,5	9,3	9,3	8,1

POPULATION INCOME AND EXPENDITURE

Table 18.44 continued

	2012						monthly average per capita equivalent total income, which is below subsistence level ¹
	all house-holds	including by quintile (20%) groups					
		first	second	third	fourth	fifth	
Meat and meat products	5,1	3,7	4,5	5,1	5,6	6,6	3,1
Milk and dairy products	19,6	15,0	18,1	19,7	21,5	24,0	12,6
Eggs, pcs	20	18	20	20	21	22	17
Fish and fish products	1,7	1,3	1,6	1,7	1,9	2,1	1,2
Sugar	3,1	2,6	3,1	3,2	3,3	3,4	2,3
Sunflower-seed oil and other vegetables oils	1,8	1,7	1,8	1,8	1,8	1,8	1,5
Potatoes	7,6	7,6	7,9	7,9	7,6	7,2	7,1
Vegetables, melons and gourds	10,2	8,3	9,6	10,5	10,7	11,5	7,4
Fruit, berries, nuts and grapes	3,8	2,5	3,2	3,8	4,3	5,5	2,1
Bread and bakery products	9,1	8,7	9,4	9,4	9,1	9,0	8,0

¹ In 2011, 914,08 UAH; in 2012, 1042,42 UAH**18.45. Foodstuffs consumed**

(per capita per year; kg)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Meat and meat products (including lard and offal on meat base)	68	39	33	39	42	46	51	50	52	51	54
Milk and dairy products on milk base	373	244	199	226	235	225	214	212	206	205	215
Eggs, pcs	272	171	166	238	251	252	260	272	290	310	307
Fish and fish products	17,5	3,6	8,4	14,4	14,1	15,3	17,5	15,1	14,5	13,4	13,6
Sugar	50	32	37	38	40	40	41	38	37	39	38
Oil	11,6	8,2	9,4	13,5	13,6	14,3	15,0	15,4	14,8	13,7	13,0
Potatoes	131	124	135	136	134	130	132	133	129	139	140
Vegetables, melons and gourds	102	97	102	120	127	118	129	137	144	163	163
Fruit, berries and grapes (excluding processed for wine)	47	33	29	37	35	42	44	46	48	53	53
Bakery products (bread, pasta on flour base; flour, cereals and legume crops)	141	128	125	124	120	116	115	112	111	110	109

POPULATION INCOME AND EXPENDITURE

18.46. Consumed nutrients¹

(per capita per day)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Calories, kcal	3597	2696	2661	2916	2935	2940	2998	2946	2933	2951	2954
Proteins, g	105,3	77,7	73,4	79,7	80,0	79,0	80,3	78,8	79,0	79,6	80,8
Fat, g	124,0	77,1	71,7	89,7	92,5	95,5	99,5	99,7	99,2	96,2	97,3
Calcium, mg	1362	954	825	927	954	921	902	902	893	909	939
Iron, mg	25,0	20,2	19,4	20,5	20,3	20,0	20,3	20,2	20,5	21,2	21,2
Retinol, µg	1863	1217	1004	1156	1204	1158	1112	1109	1088	1088	1135
Equivalent of beta-carotene, µg	1528	1431	1472	1735	1824	1711	1848	1952	2035	2290	2304
Equivalent of retinol and beta-carotene (RET+ ¹ / ₆ B-CAREQ), µg	2115	1455	1249	1446	1507	1443	1419	1434	1427	1471	1520
Thiamine, mg	2,30	1,86	1,81	1,90	1,90	1,87	1,89	1,87	1,88	1,91	1,93
Riboflavin, mg	3,46	2,57	2,27	2,51	2,60	2,57	2,57	2,56	2,55	2,57	2,66
Niacin, mg	22,4	17,3	16,8	17,9	18,1	18,1	18,8	18,6	18,8	19,1	19,3
Ascorbic acid, mg	123	98	100	111	111	110	115	119	121	133	133

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

18.47. Availability of selected durable goods¹ in households²

(average per 100 households; pcs)

	2000	2001	2002	2003	2004	2005	2006	2008	2010	2012
Refrigerators and freezers	94	93	94	95	96	99	100	106	109	112
Washing machines	74	74	74	75	74	77	78	84	85	87
Vacuum cleaners	56	55	54	56	56	62	64	74	75	77
Electric irons	98	98	99	98	96	98	98	100	99	98
CD-players and turntables	3 ³	7	12	25	8	7
Colour TV sets	69	71	74	79	83	91	96	107	110	115
Video cassette recorders, Video tape recorders, DVD-players, digital cameras	13	13	14	16	17	22	21	21	41	43
Audiocassette recorders	43	43	41	39	35	34	27	20	13	10
Music centers	3	3	4	6	8	11	13	17	13	13
Cameras	22	23	25	27	30	36	35	38	26	21
Computers	1	2	3	4	6	9	12	22	25	33
Microwaves	1	2	3	3	5	9	14	29	33	41
Kitchen combines	3	3	4	4	3	5	5	9	10	12
Conditioners	0	0	0	0	1	1	1	4	6	8
Satellite antennas	0	0	0	1	1	1	3	10	13	18
Sewing machines	48	46	43	40	35	35	32	31	28	25
Motorbikes, bicycles and scooters	43	43	42	40	41	44	44	48	47	49
Motorcycles, snowmobiles	7	6	5	5	4	4	3	3	2	2
Cars	17	16	16	16	16	16	17	20	21	22
Mobile phones	15 ³	44	81	149	167	187

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 2006, the polling of households regarding the availability of durables in them is conducted once every two years

³ Indicator is included into the program for household living conditions survey since 2004

POPULATION INCOME AND EXPENDITURE

18.48. Privately owned passenger cars, by region*(per 1000 population; pcs)*

	1990	1995	2000	2001	2002 ¹	2003 ¹	2004 ¹	2005 ¹	2006 ¹	2007 ¹	2008 ¹	2009 ¹	2010 ¹	2011 ¹
Ukraine	63	87	104	105	108	105	108	113	115	122	132	136	142	143
Autonomous Republic of Crimea	83	110	119	126	124	127	126	127	119	119	125	134	148	140
oblasts														
Vinnitsya	56	81	101	103	100	106	94	104	104	112	102	113	115	139
Volyn	50	72	92	93	93	94	91	88	99	101	110	111	111	121
Dnipropetrovsk	73	96	106	107	112	116	106	118	119	134	144	150	150	171
Donetsk	63	79	102	102	101	106	107	102	107	104	125	131	132	117
Zhytomyr	49	70	90	90	95	83	99	99	105	113	124	126	129	113
Zakarpattia	64	94	92	92	95	96	103	115	118	117	132	152	141	118
Zaporizhzhya	96	121	144	145	146	161	166	170	167	166	165	163	166	161
Ivano-Frankivsk	39	68	86	86	90	96	96	98	99	106	124	93	101	108
Kyiv	59	91	115	114	131	65	132	144	122	158	168	177	221	206
Kirovohrad	75	90	121	109	103	102	89	87	93	110	115	120	122	141
Luhansk	73	89	95	100	104	88	112	115	119	124	133	140	136	141
Lviv	51	67	75	75	95	82	87	91	96	98	103	105	107	110
Mykolayiv	61	83	83	82	82	84	87	88	90	96	107	116	127	203
Odesa	69	83	102	103	108	98	97	87	80	100	109	112	147	185
Poltava	75	98	123	125	94	102	113	129	141	154	163	130	145	104
Rivne	37	58	76	74	76	95	88	91	82	88	94	89	91	115
Sumy	58	83	92	91	94	86	91	94	90	93	103	116	114	88
Ternopil	43	66	87	85	87	89	80	80	84	91	106	113	120	116
Kharkiv	68	95	108	116	119	122	121	124	125	124	132	137	140	143
Kherson	63	93	106	107	113	113	114	118	118	124	134	138	137	128
Khmelnyskiy	49	71	94	92	93	75	74	77	89	95	105	106	112	151
Cherkasy	68	110	117	121	120	121	121	118	126	130	135	137	143	97
Chernivtsi	52	90	108	104	105	98	96	98	98	99	102	108	112	143
Chernihiv	54	71	79	79	74	66	73	79	81	85	94	98	101	105
cities														
Kyiv	60	103	148	154	161	163	167	183	199	221	240	256	257	235
Sevastopol	87	113	125	128	133	162	79	144	146	147	155	175	177	146

¹ Data of the State Road Police of the Ministry of Home Affairs of Ukraine as of August 1, in 2009/2010 – as of December 16, in 2011 – as of January 1, 2012

19. HOUSING CONDITIONS OF THE POPULATION

The chapter contains the information about the housing stock and its maintenance, the provision of population with accommodation, registered dwellings and equipping of inhabited localities with services and utilities.

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.

Housing stock is registered according to the basic forms of ownership. The following forms are defined.

Public housing stock comprises the stock of dwellings administered or managed by government establishments, enterprises and organisations.

Communal housing stock comprises the stock of dwellings owned by territorial communities of villages, townships, cities/towns and city districts.

Private housing stock comprises the dwelling stock of private and other enterprises, economic partnerships and

associations (excluding public and communal), cooperatives, organisations, departments, establishments (excluding public and communal), and natural persons (households).

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.

Inhabited localities equipped with services and utilities are the ones with centralised water supply and sewage system, i.e. cities, towns, and rural type settlements and villages, where water pipes and some water supply networks provide water to the population to meet the communal and domestic wants while the sewage facilities take away, in a centralised way, waste waters from residential buildings and communal utilities.

HOUSING CONDITIONS OF THE POPULATION

19.1. Housing stock

(mln.sq.m of total size)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total housing stock	922,1	978,3	1015,0	1046,4	1049,2	1057,6	1066,6	1072,2	1079,5	1086,0	1094,2
Average per inhabitant, sq.m	17,8	19,2	20,7	22,0	22,2	22,5	22,8	23,0	23,3	23,5	23,7
Urban housing stock	574,3	616,6	643,2	669,9	671,3	677,6	684,3	688,8	693,0	695,5	700,7
Average per urban inhabitant, sq.m	16,5	17,8	19,3	20,8	20,9	21,2	21,4	21,6	21,8	21,9	22,1
Rural housing stock	347,8	361,7	371,8	376,5	377,9	380,0	382,3	383,4	386,5	390,5	393,5
Average per rural inhabitant, sq.m	20,6	21,9	23,5	24,6	25,0	25,4	25,8	26,1	26,4	26,8	27,2

19.2. Number of apartment applicants and improvement of housing conditions

(thsd.)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Families and single persons registered as requiring accommodations, end of year	2638	2411	1765	1533	1460	1414	1323	1300	1252	1216	1174	1139	1084	1022
Families and single persons who obtained accommodations during a year	235	82	32	25	25	23	20	20	17	17	11	11	7	7
percentage of those registered as requiring accommodations, end of the previous year	9,2	3,2	1,6	1,5	1,6	1,6	1,4	1,5	1,3	1,3	0,9	0,9	0,7	0,7

HOUSING CONDITIONS OF THE POPULATION

19.3. Allocation of housing to the some categories of population

	Families and single persons registered as requiring housing, end of year				Families and single persons who obtained housing and improved their housing conditions			
	2009	2010	2011	2012	2009	2010	2011	2012
Total	1174230	1138631	1083743	1021708	11203	10770	7429	7226
Public housing stock	909358	879946	839554	788643	11160	10674	7314	7144
citizens provided with the right for top-priority receipt of housing	256731	246605	237805	226944	3648	3809	2380	2169
participants of war operations, war participants	14886	11320	10130	9061	126	136	86	72
participants of war operations abroad	13489	12858	12302	11718	224	226	146	140
military men transferred to reserve or retired	12635	12318	11941	11126	222	87	139	184
large families (raising three and more children)	40864	39012	37894	37092	493	742	345	291
single mothers	29266	29341	28727	27720	378	400	273	226
dwellers of ramshackle and dangerous house	22883	22245	21055	20106	494	426	221	398
sick persons (according to the established list)	25483	24148	23179	21298	266	260	196	113
other categories	97225	95363	92577	88823	1445	1532	974	745
citizens provided with the right for out-of-turn receipt of housing	89000	86950	86643	84959	1909	2103	1488	1496
disabled war veterans	6813	5521	5049	4673	156	437	350	232
families of dead military men and equated to them in rights	2235	2119	2108	1834	55	58	26	35
families suffered as a result of Chernobyl Catastrophe (1 st and 2 nd categories)	26909	25753	24816	22743	413	452	274	335
other categories	53043	53557	54670	55709	1285	1156	838	894
requiring housing citizens, registered in general list	563627	546391	515106	476740	5603	4762	3446	3479

HOUSING CONDITIONS OF THE POPULATION

Table 19.3 continued

	Families and single persons registered as requiring housing, end of year				Families and single persons who obtained housing and improved their housing conditions			
	2009	2010	2011	2012	2009	2010	2011	2012
Cooperative housing	264119	258070	243183	230375	31	19	50	19
citizens provided with the right for top-priority receipt of housing	48576	47023	45892	43400	14	5	18	6
participants of war operations, war participants	2872	2734	2642	2463	—	—	—	—
participants of war operations abroad	1576	1538	1504	1449	—	—	—	—
military men transferred to reserve or retired	936	930	930	860	—	—	6	—
large families (raising three and more children)	4185	4140	4043	3920	—	2	—	1
single mothers	2344	2254	2180	2018	1	—	—	—
dwellers of ramshackle and dangerous house	688	652	524	462	—	—	—	—
sick persons (according to the established list)	1463	1413	1382	1262	—	—	—	—
other categories	34512	33362	32687	30966	13	3	12	5
citizens provided with the right for out-of-turn receipt of housing	9655	9403	9259	8838	—	—	—	—
disabled war veterans	595	572	570	541	—	—	—	—
families of dead military men and equated to them in rights	274	261	259	247	—	—	—	—
families suffered as a result of Chernobyl Catastrophe (1 st and 2 nd categories)	2750	2711	2681	2513	—	—	—	—
other categories	6036	5859	5749	5537	—	—	—	—
requiring housing citizens, registered in general list	205888	201644	188032	178137	17	14	32	13
Social housing	753	615	1006	2690	12	77	65	63
Of total number								
dwelling of communal flats	51348	48889	41995	37804	421	537	401	303
dwelling of hostels	176087	169148	163780	159164	2054	1398	1040	1485
young families	116888	111722	112994	104769	1080	940	890	689
number of the families in the waiting list that bought flats	×	×	×	×	396	160	177	132

HOUSING CONDITIONS OF THE POPULATION

19.4. Families and single persons registered as requiring housing in urban areas, by region
(thsd.)

	Registered for public housing						Registered for cooperative housing					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	2055,9	1866,4	1351,8	1022,7	866,0	772,7	537,0	503,9	397,0	288,5	257,9	230,4
Autonomous Republic of Crimea	91,0	80,1	55,0	49,4	47,3	46,3	31,8	30,2	26,0	24,5	24,4	13,8
oblasts												
Vinnitsya	51,8	52,7	40,7	23,6	19,1	16,7	11,9	13,1	11,2	9,7	8,8	8,2
Volyn	34,6	33,4	26,0	21,2	23,0	19,0	16,7	17,2	12,2	11,1	10,2	10,0
Dnipro-petrovsk	165,4	150,3	96,4	64,4	50,8	41,2	29,9	24,4	16,3	9,1	8,2	6,1
Donetsk	242,4	206,8	132,5	93,9	79,2	72,4	39,3	27,9	20,7	6,4	1,3	1,1
Zhytomyr	44,1	44,9	37,0	30,0	27,3	26,0	16,4	15,7	13,8	10,1	6,6	6,6
Zakarpattia	22,2	16,6	9,9	6,7	5,3	3,9	5,9	5,8	5,0	5,0	4,2	4,2
Zaporizhzhya	107,2	86,8	60,8	48,2	39,6	38,1	25,2	18,9	14,9	11,6	9,6	9,0
Ivano-Frankivsk	37,9	40,5	31,6	20,5	19,1	18,0	6,0	6,3	6,7	5,6	6,3	6,3
Kyiv	60,2	63,2	50,0	41,0	36,8	35,9	10,5	11,2	8,6	7,4	6,3	6,2
Kirovohrad	43,0	39,8	33,0	14,9	11,2	9,6	8,3	7,9	7,1	7,0	7,0	6,5
Luhansk	120,0	95,5	54,0	36,4	30,1	24,9	26,8	18,4	11,3	8,5	7,2	7,1
Lviv	118,6	100,0	81,3	57,0	50,0	44,5	36,5	35,3	25,5	22,2	21,9	20,5
Mykolayiv	53,1	48,7	34,4	24,4	21,3	20,7	6,1	6,5	5,9	3,4	3,7	2,8
Odesa	101,6	88,3	57,9	44,6	31,1	30,3	21,8	23,0	13,0	7,1	5,1	3,6
Poltava	60,9	55,3	35,7	25,2	21,7	19,2	12,6	12,5	9,2	4,2	3,3	3,0
Rivne	43,4	42,3	33,8	27,2	23,7	20,7	6,9	7,2	6,2	5,2	4,5	4,3
Sumy	70,5	65,5	54,4	42,8	39,7	37,4	19,0	19,4	17,8	16,1	15,7	15,0
Ternopil	32,0	26,1	19,2	17,3	12,6	10,5	10,8	11,3	11,5	9,4	8,7	7,8
Kharkiv	142,8	120,1	85,5	60,3	44,8	43,4	38,4	29,6	17,8	12,4	9,2	9,2
Kherson	51,1	43,1	25,4	18,7	16,9	7,6	12,8	12,6	7,7	5,1	4,3	0,3
Khmelnyskiy	55,3	55,5	42,9	32,3	28,8	27,3	23,7	23,4	22,5	21,7	21,7	21,2
Cherkasy	62,4	57,8	41,5	29,0	24,1	22,1	12,3	16,8	6,9	0,9	1,3	1,1
Chernivtsi	23,1	23,7	16,8	11,8	11,9	11,4	9,5	10,2	9,3	9,7	8,3	8,3
Chernihiv	41,0	36,2	28,2	24,2	17,8	17,1	7,7	5,3	3,4	3,0	1,6	1,6
cities												
Kyiv	155,7	171,0	151,8	145,2	121,1	99,9	74,6	80,0	76,9	46,3	45,1	44,3
Sevastopol	24,6	22,2	16,1	12,5	11,7	8,6	15,6	13,8	9,6	5,8	3,4	2,3

HOUSING CONDITIONS OF THE POPULATION

19.5. Families and single persons who obtained housing and improved their housing conditions in urban areas, by region

	Obtained public housing						Obtained cooperative housing					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	198332	68778	28869	19192	10154	6836	28753	8874	1902	416	19	19
Autonomous Republic of Crimea	8540	2721	1068	1007	648	427	743	417	5	—	—	—
oblasts												
Vinnitsya	6188	2046	781	825	242	48	1097	333	371	—	—	—
Volyn	3997	1794	729	327	157	143	574	325	32	1	—	—
Dnipro-petrovsk	21484	4981	2155	1825	741	507	1599	192	—	1	—	—
Donetsk	19424	7432	2861	2657	1653	1305	1937	140	1	39	—	—
Zhytomyr	5327	2119	577	415	219	289	1170	207	—	—	—	—
Zakarpattia	1836	349	312	93	37	20	417	16	—	18	11	4
Zaporizhzhya	7967	2759	1322	480	166	415	739	58	—	—	—	—
Ivano-Frankivsk	3758	2319	659	277	220	62	362	216	142	—	—	—
Kyiv	7926	3583	876	330	249	237	662	112	107	—	—	—
Kirovohrad	4864	1767	482	439	138	99	75	237	166	—	—	—
Luhansk	10817	3211	1875	1553	980	642	844	28	—	31	6	14
Lviv	9780	2293	1397	260	250	113	1154	460	91	8	1	1
Mykolayiv	6154	1814	741	457	489	105	565	255	68	6	—	—
Odesa	6256	2059	1161	646	480	181	1781	389	7	—	—	—
Poltava	5708	3033	1287	401	271	171	833	1013	129	43	—	—
Rivne	4335	1145	642	229	326	69	461	1	13	—	—	—
Sumy	5039	1812	921	380	232	212	827	209	280	—	—	—
Ternopil	3501	821	173	133	34	23	548	35	—	100	—	—
Kharkiv	12900	3220	1178	587	513	155	1193	158	152	28	—	—
Kherson	3590	805	402	154	89	26	1589	359	6	2	—	—
Khmelnyskiy	5009	2279	885	384	190	79	673	142	—	12	—	—
Cherkasy	4473	1850	653	392	105	105	968	242	131	125	1	—
Chernivtsi	2925	950	280	175	57	45	480	72	45	—	—	—
Chernihiv	4155	2211	792	340	169	127	438	—	123	—	—	—
cities												
Kyiv	20953	8892	4361	4291	1423	1158	6825	3103	33	1	—	—
Sevastopol	1426	513	299	135	76	73	199	155	—	1	—	—

HOUSING CONDITIONS OF THE POPULATION

19.6. Housing stock facilities

(percent)

	1995		2000		2005		2010		2012	
	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	71,5	15,2	75,3	17,9	76,6	20,0	77,9	27,1	78,5	30,3
sewage	69,7	9,5	73,7	12,9	75,4	15,7	76,7	23,2	77,4	26,4
central heating	69,5	11,2	72,8	18,3	74,2	24,4	76,7	36,1	77,4	40,4
gas supply	80,2	79,4	81,6	82,5	81,8	84,1	82,5	84,5	82,5	84,4
hot water supply	54,1	2,7	58,4	4,3	59,7	5,4	60,9	11,5	61,6	14,6
baths	65,4	8,2	70,0	11,1	71,6	13,4	73,1	20,6	73,8	23,7
electric stoves for floor	4,5	0,2	4,8	0,1	5,3	0,1	5,6	0,2	5,8	0,3

19.7. Improving housing amenities in settlements

	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Inhabited localities equipped with												
water supply												
cities	448	449	450	454	452	453	454	455	456	455	456	457
rural settlements of urban type	796	781	783	767	767	768	769	767	771	771	775	761
villages	6651	6553	6540	6425	6360	6357	6280	6283	6316	6298	6312	6225
sewage												
cities	426	432	432	436	438	439	440	443	445	443	443	444
rural settlements of urban type	518	504	497	490	489	495	496	497	503	512	512	510
villages	841	834	813	792	746	744	742	737	737	727	709	703
gas supply (natural gas and with natural and liquefied gas ¹)												
cities	386	394	402	407	411	417	418	420	421	423	424	427
rural settlements of urban type	462	496	519	533	545	573	592	602	609	617	631	637
villages	7596	8339	8671	9444	10318	11048	12281	13080	13447	13965	14391	14688
gas supply (with liquefied gas only ¹)												
cities	58	53	49	45	42	36	34	32	32	30	29	28
rural settlements of urban type	398	367	341	328	316	295	238	221	213	203	190	186
villages	19297	18510	18106	17318	16306	15785	14749	13804	13443	12836	12362	12003

¹ Before 2005 inclusive, those cities and towns have been regarded as supplied with (natural and liquefied) gas that had at least 100 gasified apartments covered; while urban-type communities should have at least 50 apartments and rural-type communities at least 10 apartments. Since 2006, the inhabited localities with natural gas are those where at least one of the consumers uses the natural gas directly from the gas pipe for the communal-general needs. The localities with natural and liquefied gas are those where at least one consumer uses the natural gas from the gas pipe and at least one consumer uses the liquefied gas from a gas-cylinder which is serviced by a gas-handling facility. The localities with liquefied gas are those where at least one consumer uses liquefied gas

HOUSING CONDITIONS OF THE POPULATION

19.8. Housing stock,

	Total housing stock					Including private housing stock				
	1990	1995	2000	2010	2012	1990	1995	2000	2010	2012
Ukraine	922094	978318	1014974	1079503	1094208	485378	636960	793199	1001509	1023340
Autonomous Republic of Crimea	31733	36738	37327	39333	40580	10718	22275	26641	34989	36403
oblasts										
Vinnitsya	39937	42011	42994	43963	44349	31234	35312	38004	41740	42279
Volyn	18300	19484	20164	22124	22637	12348	14885	16956	21201	21839
Dnipropetrovsk	69150	76685	77828	79043	79074	27158	42116	56319	71184	71849
Donetsk	95535	95464	98614	101245	101950	35469	53035	69549	90331	92353
Zhytomyr	28220	30555	31817	33328	33585	19518	22935	26162	31566	31914
Zakarpattia	21279	23621	25228	28314	29354	16866	20437	23277	27643	28850
Zaporizhzhya	36828	38200	39397	40911	41075	15876	21643	27999	38266	38432
Ivano-Frankivsk	25070	26746	28813	32656	34065	18458	21827	25877	31679	33149
Kyiv	39532	43339	46835	54812	57034	27198	32258	40103	51949	54390
Kirovohrad	23521	24494	24947	24671	24729	15352	18665	21177	23646	23741
Luhansk	52707	54058	54778	55414	55322	22014	34074	40082	50508	51021
Lviv	44083	47059	49988	54254	55847	23986	29904	40931	50810	52716
Mykolayiv	23470	23469	26009	25965	25966	12342	15526	21273	24023	24238
Odesa	45144	47728	48194	53414	53411	24065	29677	36649	47979	49236
Poltava	32819	34339	36333	36996	36811	19602	24181	29994	34596	34629
Rivne	20818	21900	22984	24454	24903	14317	16695	19602	23471	24006
Sumy	25775	26967	26948	27725	27939	15481	19146	21777	26126	26448
Ternopil	20726	21783	23490	25371	25912	15705	17965	21042	24613	25280
Kharkiv	53839	57454	59898	63788	64891	21237	30745	43930	58677	59928
Kherson	21940	23111	24436	25927	25524	11031	14233	19475	23853	24201
Khmelnyskiy	28867	30377	31708	33314	33862	21048	24120	27407	31863	32585
Cherkasy	30808	32316	33600	33976	34244	21490	24822	28815	32681	33005
Chernivtsi	16462	17852	18788	20443	21214	11639	14330	16674	19903	20716
Chernihiv	26324	27068	28045	29757	29983	18707	20786	23352	28019	28344
cities										
Kyiv	43630	47887	48857	59713	61598	1962	12590	26208	52493	54231
Sevastopol	5577	7613	6954	8592	8349	557	2778	3924	7700	7557

HOUSING CONDITIONS OF THE POPULATION

by region

(thsd.sq.m of total size)

Urban housing stock					Including private housing stock				
1990	1995	2000	2010	2012	1990	1995	2000	2010	2012
574331	616568	643229	692986	700682	178592	299348	437544	622425	636743
20718	24849	25143	26065	26854	4229	12846	16190	22614	23567
13364	14234	15420	16361	16723	6054	8500	11136	14474	14932
7837	8549	8872	10080	10269	2497	4257	5910	9220	9533
55259	62064	63166	64080	64123	15514	28961	42563	56651	57266
85467	85443	88251	90752	91342	27838	44312	60083	80227	82143
12927	14574	15684	16577	16715	5653	8389	10919	15359	15529
8128	8305	8571	10031	10619	3999	5342	6768	9520	10179
26232	27286	28325	29918	30056	7497	11930	17632	27574	27708
9620	10244	11096	13339	14261	3323	5518	8285	12408	13389
18556	21741	24031	27652	28639	8966	12349	18299	25292	26450
12570	13535	13817	14219	14331	5725	8377	10521	13329	13521
45225	46396	46870	47659	47553	16368	27224	32662	42932	43431
24364	25787	27721	29858	30564	5067	9389	19214	26721	27725
14257	14004	16607	17058	17138	5062	6906	12497	15403	15651
26252	28591	28784	32920	32062	7071	11620	17966	27949	28319
16415	17786	19486	20086	19906	5644	9014	14194	18112	18128
8696	9144	9769	10408	10540	2928	4465	6768	9584	9792
14377	15673	15870	17079	17265	5719	8679	11254	15662	15947
7447	7912	9064	10320	10554	2796	4324	6761	9623	9981
40968	44342	46267	49939	50717	11761	19667	31647	45310	46210
13055	13840	14679	16482	16016	4976	6232	10399	14767	15029
11053	12303	13589	15299	15675	3925	6534	9651	14014	14563
13817	15068	15709	15984	15945	5938	8410	11518	14898	14919
6314	6742	7013	7757	8044	1758	3426	5061	7297	7621
12206	13101	13928	15113	15163	5765	7552	9779	13597	13731
43630	47887	48857	59713	61598	1962	12590	26208	52493	54231
5577	7168	6640	8237	8010	557	2535	3659	7395	7248

HOUSING CONDITIONS OF THE POPULATION

19.9. Average of housing size,

	1990			1995			2000		
	total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas
Ukraine	17,8	16,5	20,6	19,2	17,8	21,9	20,7	19,3	23,5
Autonomous Republic of Crimea	14,8	15,2	14,0	16,9	18,3	14,6	18,0	19,6	15,5
oblasts									
Vinnitsya	21,0	15,6	25,4	22,5	16,3	28,0	24,1	17,9	29,8
Volyn	17,2	14,6	19,7	18,2	15,4	21,1	19,2	16,3	22,3
Dnipropetrovsk	17,7	17,0	21,6	20,0	19,3	23,2	21,2	20,6	24,2
Donetsk	17,9	17,8	19,6	18,4	18,3	19,8	20,2	20,1	21,3
Zhytomyr	18,8	15,9	22,2	20,7	17,8	24,4	22,5	19,6	26,3
Zakarpattia	16,9	15,6	17,8	18,4	16,8	19,5	19,8	17,5	21,2
Zaporizhzhya	17,6	16,5	21,3	18,5	17,3	22,3	19,9	18,7	23,8
Ivano-Frankivsk	17,5	15,8	18,7	18,4	16,2	20,0	20,0	17,8	21,6
Kyiv	20,4	17,5	23,8	22,9	20,3	26,4	25,9	22,8	30,5
Kirovohrad	19,1	16,8	22,5	20,2	18,4	23,0	21,9	19,9	24,9
Luhansk	18,4	18,2	19,4	19,4	19,3	20,2	21,1	20,9	22,1
Lviv	16,1	14,8	17,9	17,2	15,5	19,8	18,6	17,1	21,1
Mykolayiv	17,5	16,1	20,3	17,5	15,9	20,6	20,2	19,6	21,4
Odesa	17,3	15,2	21,2	18,6	17,0	21,6	19,5	17,8	22,8
Poltava	18,7	16,5	21,7	19,8	17,7	22,7	21,9	20,0	24,7
Rivne	17,8	16,0	19,3	18,4	16,2	20,4	19,5	17,5	21,3
Sumy	18,1	16,1	21,5	19,4	17,6	22,6	20,5	18,6	24,0
Ternopil	17,7	15,2	19,5	18,6	15,6	20,9	20,5	18,0	22,5
Kharkiv	17,0	16,4	19,1	18,7	18,4	20,1	20,5	20,1	22,1
Kherson	17,5	16,9	18,5	18,3	17,9	19,0	20,2	19,8	20,8
Khmelnyskiy	19,1	15,0	23,0	20,2	15,9	24,7	22,0	17,7	26,8
Cherkasy	20,2	17,1	23,7	21,5	18,4	25,3	23,5	20,1	27,6
Chernivtsi	17,5	15,9	18,7	18,9	16,8	20,4	20,2	17,7	22,0
Chernihiv	18,8	15,9	22,3	20,1	17,1	24,0	22,2	18,7	27,2
cities									
Kyiv	16,7	16,7	—	18,4	18,4	—	18,7	18,7	—
Sevastopol	18,7	18,7	19,5	17,9	18,1	13,9

HOUSING CONDITIONS OF THE POPULATION

by region

(average per capita; sq.m of total size)

2005			2010			2011			2012		
total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas	total	in urban areas	in rural areas
22,0	20,8	24,6	23,3	21,8	26,4	23,5	21,9	26,8	23,7	22,1	27,2
19,0	20,5	16,5	19,7	21,0	17,6	20,0	21,2	17,9	20,3	21,6	18,2
25,4	19,3	30,8	26,7	20,0	33,2	26,8	20,2	33,3	27,0	20,4	33,6
19,5	17,7	21,4	20,5	18,5	22,6	20,7	18,6	22,9	20,9	18,7	23,2
22,5	21,8	25,8	23,3	22,6	27,0	23,5	22,7	27,1	23,6	22,8	27,3
21,5	21,4	23,2	22,7	22,5	24,8	22,9	22,7	25,1	23,1	22,9	25,5
23,3	21,2	26,0	24,6	22,0	28,2	24,8	22,1	28,6	25,1	22,2	29,0
21,1	20,0	21,8	22,6	21,6	23,2	23,1	22,1	23,6	23,3	22,8	23,6
21,4	20,4	24,6	22,4	21,3	26,2	22,6	21,4	26,5	22,7	21,5	26,7
21,6	19,8	22,9	23,6	22,3	24,5	24,1	23,1	24,9	24,6	23,8	25,1
27,7	23,6	33,7	31,6	25,9	40,4	32,1	26,2	41,3	32,7	26,5	42,6
23,2	21,4	26,0	24,5	22,8	27,2	24,7	23,0	27,5	24,9	23,1	27,7
23,2	23,1	23,7	23,8	23,6	25,2	23,9	23,7	25,4	24,1	23,9	25,7
19,8	18,1	22,4	21,2	19,2	24,3	21,5	19,4	24,8	21,9	19,7	25,2
21,2	20,5	22,6	21,7	21,0	23,0	21,8	21,2	23,0	21,8	21,3	23,1
21,0	19,7	23,5	22,2	20,5	25,5	22,3	20,2	26,4	22,1	19,9	26,6
23,4	21,1	26,8	24,7	22,0	28,9	24,9	22,1	29,3	25,1	22,2	29,6
20,1	17,9	22,0	21,1	18,7	23,2	21,2	18,8	23,4	21,4	18,8	23,6
22,0	20,2	25,3	23,1	21,2	27,1	23,4	21,4	27,5	23,6	21,6	27,9
21,7	20,1	22,9	22,9	21,6	23,9	23,1	21,7	24,3	23,6	22,1	24,7
21,6	21,2	22,9	22,9	22,4	24,9	23,2	22,6	25,6	23,3	22,7	25,9
21,4	21,6	21,2	23,5	24,4	22,2	23,2	23,8	22,4	23,4	23,9	22,6
23,4	19,6	27,5	25,0	20,8	29,9	25,3	21,1	30,5	25,6	21,3	31,0
25,3	21,7	29,6	26,2	21,9	31,5	26,4	21,9	32,1	26,7	22,0	32,6
21,3	19,8	22,4	22,6	20,3	24,1	22,9	20,5	24,6	23,3	20,8	25,1
24,0	20,5	29,2	25,6	21,5	32,2	25,9	21,6	33,1	26,2	21,7	33,8
20,2	20,2	—	21,0	21,0	—	21,2	21,2	—	21,3	21,3	—
19,4	19,8	13,7	22,0	22,4	15,0	20,5	20,9	14,1	21,1	21,5	14,2

20. 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, lycées, 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, conservatoires, 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 and conservatoires.

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.

Within the improvements made to the state statistical observation launched over institutions of higher education, the methodology behind the indicators of admission to and graduation from institutions of higher education has undergone changes.

From the 2004/05 academic year, the section gives data on enrollments to the primary cycle of education (i.e. students who just started their training at institutions of higher education) and graduations (excluding those who continue their training in order to receive a higher educational and qualification level).

EDUCATION

20.1. Pre-school educational institutions

(end of year)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total institutions, thsd.	24,5	21,4	16,3	15,3	15,0	14,9	15,1	15,1	15,3	15,4	15,5	15,6	16,1	16,4 ¹
in urban areas	11,9	10,5	7,4	6,9	6,7	6,7	6,7	6,6	6,6	6,7	6,7	6,7	6,8	6,9
in rural areas	12,6	10,9	8,9	8,4	8,3	8,2	8,4	8,5	8,7	8,7	8,8	8,9	9,3	9,5
Enrollment capacity of the institutions, thsd. places	2277	2014	1117	1060	1053	1040	1056	1063	1084	1110	1121	1136	1171	1204 ²
in urban areas	1662	1463	832	790	782	767	773	780	789	808	814	821	843	864
in rural areas	615	551	285	270	271	273	283	283	295	302	307	315	328	340
Total children at the institutions, thsd.	2428	1536	983	973	977	996	1032	1081	1137	1195	1214	1273	1354	1428
in urban areas	1877	1222	824	809	807	820	840	877	916	959	972	1012	1063	1115
in rural areas	551	314	159	164	170	176	192	204	221	236	242	261	291	313
Percentage of total children of the specified age attending pre-school	57	44	40	48	49	50	51	53	54	54	53	53	55	59
in urban areas	64	53	52	65	65	65	64	66	66	66	64	64	65	69
in rural areas	43	28	18	21	22	24	27	29	31	32	31	32	35	38
Children at the institutions per 100 places	107	76	88	92	93	96	98	102	105	108	108	112	116	119
in urban areas	113	84	99	102	103	107	109	112	116	119	119	123	126	129
in rural areas	90	57	56	61	63	65	68	72	75	78	79	83	89	92

¹ 0,7 thsd. of these were non-functioning institutions. A third of these institutions (35%) has not been classed as fit for training or undergone major repair. Others (65%) were not functioning due to absence of children, lack of fuel, electric energy, funds, etc. 23% of institutions have not functioned for 6–10 years, while 46% have been idle for more than 10 years

² Excluding places at pre-school institutions that were not functioning for a year or more for any reason

EDUCATION

20.2. Pre-school educational institutions, by region

	Total institutions						Enrollment, thsd.					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	24525	21359	16347	15058	15628	16396	2428,3	1535,6	983,0	1031,7	1272,7	1428,4
Autonomous Republic of Crimea	1062	865	684	613	607	604	148,4	74,5	36,3	40,3	51,8	57,9
oblasts												
Vinnitsya	1127	983	695	644	704	748	83,6	55,7	37,8	39,0	46,3	52,5
Volyn	495	468	305	355	444	459	43,1	30,4	17,0	23,1	31,7	35,5
Dnipropetrovsk	1737	1579	1115	954	939	972	207,5	137,2	81,3	82,3	99,3	111,7
Donetsk	2337	2040	1402	1155	1144	1158	267,2	164,4	107,0	105,7	125,0	137,4
Zhytomyr	830	595	482	575	644	697	61,6	39,9	28,4	29,8	38,7	47,3
Zakarpattia	668	613	505	506	532	557	51,0	31,4	20,1	26,9	35,5	45,0
Zaporizhzhya	991	851	655	544	526	555	114,0	69,9	44,2	44,4	52,3	56,2
Ivano-Frankivsk	438	363	285	283	334	376	39,9	25,9	17,5	20,0	27,6	31,4
Kyiv	957	887	776	710	682	705	91,7	61,5	44,5	44,9	56,8	62,7
Kirovohrad	833	696	566	505	530	527	67,5	40,8	23,5	24,0	27,6	30,9
Luhansk	1200	1012	644	576	528	578	131,2	71,7	41,4	42,8	50,9	58,1
Lviv	858	679	483	478	589	694	83,7	47,4	34,9	40,8	57,1	65,1
Mykolayiv	871	785	541	517	552	567	76,5	49,1	28,9	29,3	36,1	41,1
Odesa	1263	1094	735	743	744	780	128,8	74,6	45,4	51,7	62,9	71,5
Poltava	1080	979	747	599	562	602	80,0	56,8	36,3	34,3	40,1	45,0
Rivne	487	364	263	265	397	460	43,1	28,9	18,2	22,3	32,8	37,2
Sumy	780	684	590	415	495	528	71,2	41,9	29,9	28,5	34,5	37,5
Ternopil	676	553	474	499	506	547	40,5	26,7	19,1	21,6	26,4	29,8
Kharkiv	1349	1227	742	612	633	681	150,9	95,8	55,1	55,4	67,9	74,3
Kherson	779	670	561	487	493	496	76,3	42,4	26,6	27,1	34,3	37,4
Khmelnyskiy	864	767	757	806	815	827	66,3	46,5	34,1	36,6	42,3	45,4
Cherkasy	902	885	791	691	696	691	80,4	57,0	36,1	35,8	39,4	43,3
Chernivtsi	368	312	252	309	353	369	34,9	20,0	15,3	21,2	27,4	30,5
Chernihiv	763	550	520	461	414	437	56,3	34,7	21,9	22,7	26,1	29,2
cities												
Kyiv	805	742	687	671	679	692	132,0	95,0	72,2	70,6	89,3	100,7
Sevastopol	...	116	90	85	86	89	...	15,5	10,0	10,6	12,6	13,8

EDUCATION

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

(percentage of total children of the specified age)

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012		
														total	in urban areas	in rural areas
Ukraine	57	44	40	48	49	50	51	53	54	54	53	53	55	59	69	38
Autonomous Republic of Crimea	68	50	37	45	45	46	48	50	51	51	49	48	49	52	66	34
oblasts																
Vinnitsya	58	43	38	46	47	49	51	53	55	56	55	55	56	61	78	43
Volyn	44	34	24	31	34	36	38	42	44	45	44	45	45	49	67	32
Dnipropetrovsk	65	55	48	60	59	58	58	60	60	59	57	57	59	63	70	36
Donetsk	63	54	53	61	60	61	62	63	63	63	61	61	62	66	69	41
Zhytomyr	52	38	35	40	41	43	47	49	51	52	55	55	61	66	81	46
Zakarpattia	43	29	25	32	34	35	37	40	40	42	41	42	50	52	64	45
Zaporizhzhya	66	51	49	60	60	60	59	60	60	60	59	59	60	63	73	35
Ivano-Frankivsk	31	22	20	23	25	27	28	30	32	33	33	34	35	38	64	20
Kyiv	57	48	48	57	57	58	59	61	61	62	60	60	61	65	74	51
Kirovohrad	68	47	39	50	50	51	53	55	56	56	55	55	57	61	73	40
Luhansk	59	42	39	49	49	50	51	52	52	52	49	50	51	57	60	34
Lviv	35	23	23	28	30	32	33	36	38	40	40	41	43	46	63	23
Mykolayiv	66	51	43	55	55	54	55	57	59	58	57	59	62	65	74	51
Odesa	60	43	37	44	45	47	49	51	52	53	48	47	48	52	61	38
Poltava	61	50	45	54	54	55	56	58	58	59	57	58	60	64	80	40
Rivne	40	29	23	27	28	30	32	35	38	40	39	41	43	46	71	27
Sumy	66	48	49	54	56	59	60	62	65	66	65	66	68	72	80	54
Ternopil	43	31	29	34	38	40	41	41	43	45	44	45	48	51	73	33
Kharkiv	62	52	46	54	52	53	53	54	55	55	54	54	55	58	65	33
Kherson	70	45	40	51	51	53	52	57	57	58	58	59	60	63	71	52
Khmelnyskiy	57	44	43	53	56	58	59	60	61	61	60	61	62	64	76	48
Cherkasy	68	56	49	59	59	62	65	67	68	68	67	66	66	71	82	57
Chernivtsi	43	27	26	36	37	40	45	47	50	51	51	53	55	57	80	44
Chernihiv	57	44	39	47	48	48	50	52	53	55	55	54	56	59	74	30
cities																
Kyiv	60	58	63	76	71	66	65	64	62	61	59	59	60	65	65	—
Sevastopol	...	59	63	79	74	71	68	67	66	65	63	62	64	67	69	43

EDUCATION

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

(percent)

	Language of instruction											
	Ukrainian						Russian					
	1995	2000	2005	2010	2011	2012	1995	2000	2005	2010	2011	2012
Ukraine	66,0	78,0	84,2	85,9	85,9	85,6	33,0	21,6	15,2	13,5	13,5	13,7
Autonomous Republic of Crimea	0,2	2,8	3,6	3,3	3,3	3,2	99,3	96,3	95,3	95,6	95,3	95,4
oblasts												
Vinnitsya	99,9	100,0	99,9	100,0	100,0	100,0	0,1	—	0,0	—	—	—
Volyn	99,0	100,0	100,0	100,0	100,0	100,0	1,0	—	—	—	—	—
Dnipropetrovsk	77,0	84,5	89,2	90,6	91,1	91,2	23,0	15,5	10,8	9,4	8,8	8,8
Donetsk	10,0	34,5	65,9	73,7	73,6	73,9	90,0	65,5	34,1	26,3	26,4	26,1
Zhytomyr	98,0	99,8	100,0	100,0	100,0	100,0	2,0	0,2	—	—	—	—
Zakarpattia	89,0	90,2	88,6	89,6	89,2	89,0	1,0	0,6	0,5	0,4	0,4	0,3
Zaporizhzhya	36,0	62,9	77,4	84,0	84,3	83,5	64,0	37,1	22,6	16,0	15,7	16,5
Ivano-Frankivsk	99,8	100,0	100,0	100,0	100,0	100,0	0,2	—	—	—	—	—
Kyiv	97,0	99,6	99,9	99,9	99,9	99,9	3,0	0,4	0,1	0,1	0,1	0,1
Kirovohrad	96,0	98,2	99,2	99,2	99,4	99,4	4,0	1,8	0,8	0,8	0,6	0,6
Luhansk	14,0	19,7	35,6	37,6	37,2	36,8	86,0	80,3	64,4	62,4	62,8	63,2
Lviv	99,6	99,7	99,9	99,8	99,8	99,8	0,3	—	—	—	—	—
Mykolayiv	71,0	90,4	96,2	95,9	95,0	95,8	29,0	9,6	3,8	4,1	4,9	4,1
Odesa	33,0	62,9	72,9	77,8	74,1	70,6	66,0	35,4	25,5	20,6	24,3	27,4
Poltava	98,0	98,3	99,1	98,8	99,6	99,6	2,0	1,7	0,9	1,2	0,4	0,4
Rivne	99,6	99,9	100,0	100,0	100,0	100,0	0,4	0,1	—	—	—	—
Sumy	87,0	97,7	97,5	98,7	98,5	98,7	13,0	2,3	2,5	1,3	1,5	1,3
Ternopil	100,0	100,0	100,0	100,0	100,0	100,0	—	—	—	—	—	—
Kharkiv	48,0	82,7	88,7	88,7	89,0	88,8	52,0	17,3	11,3	11,3	11,0	11,2
Kherson	82,0	83,2	86,3	87,4	88,0	88,1	18,0	16,8	13,7	12,6	12,0	11,9
Khmelnyskiy	99,0	99,9	99,9	99,96	99,96	99,96	1,0	0,1	0,0	0,04	0,04	0,04
Cherkasy	99,6	99,9	99,9	100,0	100,0	100,0	0,4	0,1	0,1	—	—	—
Chernivtsi	92,0	93,6	91,3	91,5	90,8	90,4	0,5	0,2	—	—	—	—
Chernihiv	92,0	99,5	99,9	99,9	99,9	99,96	8,0	0,5	0,1	0,1	0,1	0,04
cities												
Kyiv	99,0	99,9	99,9	99,9	99,9	99,9	1,0	0,1	0,1	—	—	0,02
Sevastopol	1,0	1,6	2,0	4,4	4,4	4,8	99,0	98,4	98,0	95,6	95,6	95,2

At the end of 2012, 10,3 thsd. children in multi-national regions were taught in Hungarian, Romanian, German, Polish, Moldavian, Crimean Tatar, Judaic, and other languages.

EDUCATION

20.5. Secondary educational institutions and institutions of higher education for 1914–2012

(beginning of academic year)

	Secondary educational institutions		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
2001/02	22194	6601	665	561	318	1548
2002/03	22094	6350	667	583	330	1687
2003/04	21908	6044	670	593	339	1844
2004/05	21722	5731	619	548	347	2027
2005/06	21589	5399	606	505	345	2204
2006/07	21417	5120	570	468	350	2319
2007/08	21214	4857	553	441	351	2372
2008/09	20969	4617	528	399	353	2365
2009/10	20576	4495	511	354	350	2245
2010/11	20300	4299	505	361	349	2130
2011/12	19874	4292	501	357	345	1955
2012/13	19672	4222	489	345	334	1825

EDUCATION

20.6. Enrollment in educational institutions

(beginning of academic year; thsd.)

	1990/91	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
Total	9430	9239	9220	8605	8381	8124	7825	7518	7224	7013	6815
Secondary educational institutions	7132	7143	6764	5399	5120	4857	4617	4495	4299	4292	4222
day	6939	7007	6647	5301	5026	4768	4533	4421	4228	4225	4160
night (part-time), including distance learning	193	136	117	98	94	89	84	74	71	67	62
Professional training institutions	660	555	525	497	474	454	444	424	434	409	423
Institutions of higher education											
1 st and 2 nd levels of accreditation	757	618	528	505	468	441	399	354	361	357	345
3 rd and 4 th levels of accreditation	881	923	1403	2204	2319	2372	2365	2245	2130	1955	1825
Per 10 thsd. population											
Secondary educational institutions	1373	1391	1383	1151	1098	1047	1001	978	939	941	927
Professional training institutions	127	108	107	106	102	98	96	92	95	90	93
Institutions of higher education											
1 st and 2 nd levels of accreditation	146	120	107	108	100	95	87	77	79	78	76
3 rd and 4 th levels of accreditation	170	180	285	470	497	511	512	488	465	428	401

At the beginning of the 2012/13 academic year, 19,2 thsd. pupils were trained in 205 private secondary educational institutions, 223,5 thsd. students were trained in 177 private institutions of higher education of different accreditation levels.

20.7. Secondary educational institutions

(beginning of academic year; thsd.)

	1990/91	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
Institutions	21,8	22,3	22,2	21,6	21,4	21,2	21,0	20,6	20,3	19,9	19,7
Pupils	7132	7143	6764	5399	5120	4857	4617	4495	4299	4292	4222
including grades 10–12 (10–16)	940	821	1049	975	920	851	791	599	570	655	605
Total teachers	537	596	577	543	537	531	524	522	515	509	510

In 2012, 14,8 thsd. pupils attended the 1st grades set up at pre-schools.

EDUCATION

20.8. Secondary educational institutions, by region

(beginning of academic year)

	Institutions						Enrollment, thsd.					
	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2010/ 11	2012/ 13	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2010/ 11	2012/ 13
Ukraine	21825	22255	22210	21589	20300	19672	7132	7143	6764	5399	4299	4222
Autonomous Republic of Crimea	583	625	645	632	609	593	314	329	295	223	177	180
oblasts												
Vinnitsya	1120	1116	1072	1040	976	948	246	248	245	205	160	154
Volyn	845	866	832	816	787	778	168	170	167	147	126	124
Dnipro-petrovsk	1079	1098	1113	1094	1044	1030	523	522	492	378	298	294
Donetsk	1281	1325	1318	1235	1151	1123	666	665	588	432	337	337
Zhytomyr	980	967	950	903	844	818	217	211	208	173	137	130
Zakarpattia	716	734	722	716	693	675	216	210	208	182	156	154
Zaporizhzhya	664	690	698	677	639	624	284	285	269	203	159	156
Ivano-Frankivsk	731	762	772	772	761	755	218	222	222	191	155	149
Kyiv	820	821	813	809	781	766	267	270	263	214	172	172
Kirovohrad	642	647	631	617	576	552	162	164	159	125	95	91
Luhansk	833	851	843	793	732	701	377	376	325	234	176	172
Lviv	1353	1457	1479	1487	1440	1419	389	395	390	328	263	257
Mykolayiv	693	684	672	651	592	572	206	203	187	147	114	110
Odesa	951	944	975	975	950	903	364	355	344	283	235	235
Poltava	1037	1009	962	870	786	730	224	228	222	178	135	128
Rivne	766	791	796	750	707	693	188	193	192	171	147	144
Sumy	717	712	704	658	592	561	185	184	172	130	98	94
Ternopil	878	913	925	920	889	876	169	169	170	145	116	110
Kharkiv	1007	1015	1007	984	917	883	408	405	373	285	223	221
Kherson	582	588	581	575	509	496	195	195	182	143	110	107
Khmelnyskiy	1062	1099	1103	1075	926	853	210	217	212	177	138	129
Cherkasy	716	724	719	699	679	659	202	205	199	158	118	112
Chernivtsi	453	455	462	454	447	436	143	138	138	121	100	99
Chernihiv	909	891	843	778	674	642	179	177	166	129	98	93
cities												
Kyiv	341	398	497	534	525	513	357	350	327	261	225	237
Sevastopol	66	73	76	75	74	73	55	57	49	36	31	33

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20.9. Secondary educational institutions at the beginning of 2012/13, by region

	Total institu- tions	In which		By type of ownership					
		pupils	teachers	public ¹	in which		private	in which	
					pupils ²	teachers		pupils	teachers
Ukraine	19672	4221909	510285	19467	4202757	505870	205	19152	4415
Autonomous Republic of Crimea	593	180176	18916	583	179174	18719	10	1002	197
oblasts									
Vinnitsya	948	154241	21907	944	153915	21818	4	326	89
Volyn	778	123973	17400	777	123944	17395	1	29	5
Dnipropetrovsk	1030	293801	27912	1021	293222	27738	9	579	174
Donetsk	1123	337265	32585	1109	336295	32304	14	970	281
Zhytomyr	818	130407	18692	814	129992	18610	4	415	82
Zakarpattia	675	153536	18854	670	153178	18768	5	358	86
Zaporizhzhya	624	155935	17789	617	155564	17668	7	371	121
Ivano-Frankivsk	755	149221	22076	753	148750	22006	2	471	70
Kyiv	766	171735	19853	759	171127	19697	7	608	156
Kirovohrad	552	91362	12344	550	91333	12325	2	29	19
Luhansk	701	171451	18733	696	171139	18640	5	312	93
Lviv	1419	256668	35685	1403	255347	35417	16	1321	268
Mykolayiv	572	110310	12341	570	110143	12300	2	167	41
Odesa	903	235125	25537	874	231217	24754	29	3908	783
Poltava	730	128371	16126	725	128219	16065	5	152	61
Rivne	693	143833	19502	693	143833	19502	—	—	—
Sumy	561	94008	12906	558	93826	12857	3	182	49
Ternopil	876	110370	18067	876	110370	18067	—	—	—
Kharkiv	883	220937	23862	862	218278	23312	21	2659	550
Kherson	496	107061	12985	494	106951	12940	2	110	45
Khmelnyskiy	853	128901	19798	851	128717	19753	2	184	45
Cherkasy	659	111501	15543	656	111318	15493	3	183	50
Chernivtsi	436	98970	12347	433	98830	12310	3	140	37
Chernihiv	642	93168	13493	642	93168	13493	—	—	—
cities									
Kyiv	513	236646	22159	468	232345	21134	45	4301	1025
Sevastopol	73	32937	2873	69	32562	2785	4	375	88

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

**20.10. Day secondary educational institutions of new type at the beginning of 2012/13,
by region**

	Gymna- siums	In which		Lycées	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	576	289630	28941	373	150374	16326	47	27069	2552	2989	540634	69859
Autonomous Republic of Crimea	5	3669	297	—	—	—	—	—	—	105	48346	4543
oblasts												
Vinnitsya	4	2166	197	4	813	122	—	—	—	126	27520	3489
Volyn	21	14043	1511	18	12205	1244	3	2539	237	52	7891	1130
Dnipro- petrovsk	17	9339	797	25	8389	868	2	1501	116	129	35719	3399
Donetsk	30	14032	1274	32	14735	1359	2	931	69	126	44220	4004
Zhytomyr	39	18277	1985	15	7588	765	5	2363	218	48	8726	1065
Zakarpattia	13	5064	548	13	2268	321	—	—	—	42	4564	530
Zaporizhzhya	36	19998	1910	15	6541	721	6	3477	330	124	29623	3335
Ivano- Frankivsk	11	2995	395	7	2034	299	—	—	—	91	14247	2238
Kyiv	13	4348	454	12	1906	335	1	278	38	253	31177	5090
Kirovohrad	6	1782	184	2	578	105	—	—	—	108	29411	3290
Luhansk	49	20221	1996	12	4434	451	1	481	45	52	15283	1623
Lviv	21	8647	1051	12	2140	342	—	—	—	201	39529	5614
Mykolayiv	17	5338	553	6	1331	149	1	1430	101	31	3477	499
Odesa	11	5733	524	8	2229	281	—	—	—	256	60014	7044
Poltava	31	19464	1719	10	4849	452	2	1230	110	58	8247	1091
Rivne	13	5760	685	8	1307	269	1	786	93	83	26249	3128
Sumy	8	3571	389	1	604	57	—	—	—	244	16158	3764
Ternopil	16	6253	759	10	3256	410	3	605	88	76	5539	1030
Kharkiv	48	29663	2455	49	20689	1966	4	3025	279	154	21624	3248
Kherson	12	7097	706	6	2455	358	—	—	—	46	8561	1176
Khmelnyskiy	30	14580	1697	31	16855	1728	13	5995	622	84	6581	1311
Cherkasy	8	5323	524	9	1370	175	1	972	64	245	17637	3856
Chernivtsi	20	7738	890	13	5017	579	—	—	—	126	17685	2808
Chernihiv	26	11327	1260	8	4467	496	1	1313	105	48	3001	645
cities												
Kyiv	64	38059	3787	45	21868	2425	1	143	37	75	9306	855
Sevastopol	7	5143	394	2	446	49	—	—	—	6	299	54

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

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20.11. Day secondary educational institutions

(beginning of academic year)

	1990/91	1995/96	2000/01	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
Total institutions	21310	21903	21965	21357	21184	20984	20745	20368	20095	19690¹	19497¹
level 1 st	3178	3254	3144	2777	2673	2553	2422	2177	2016	1856	1793
levels 1 st and 2 nd	7403	6639	6262	5754	5675	5600	5511	5397	5310	5154	5069
levels 1 st –3 rd	10318	11612	12157	12418	12431	12432	12414	12394	12369	12287 ¹	12249 ¹
special schools (boarding schools) and social rehabilitation schools	411	398	402	408	405	399	398	400	400	393	386
Total pupils at the institutions, thsd.	6939	7007	6647	5301	5026	4768	4533	4421	4228	4225¹	4160¹
level 1 st	67	96	107	101	93	89	85	82	79	76	75
levels 1 st and 2 nd	966	837	707	497	463	430	401	390	364	343	335
levels 1 st –3 rd	5821	6005	5764	4642	4410	4183	3980	3883	3720	3741 ¹	3699 ¹
special schools (boarding schools) and social rehabilitation schools	85	69	69	61	60	66	67	66	65	65	51
Total teachers, thsd.	532	591	572	539	533	526	520	517	511	504	506

¹ At the beginning of the 2011/12 academic year, the total for institutions includes 70 educational institutions of levels 2nd and 3rd with attendance of 17,0 thsd. pupils; at the beginning of the 2012/13 academic year, 75 and 17,5 thsd. accordingly

20.12. Attendance by shift in day secondary educational institutions¹

(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
1990/91	16689	80	4146	20	5696	85	1029	15
1995/96	17154	80	4288	20	5870	85	1009	15
2000/01	18774	87	2746	13	5997	92	521	8
2001/02	18968	88	2546	12	5859	93	442	7
2002/03	19140	89	2265	11	5684	94	374	6
2003/04	19251	91	1972	9	5461	95	308	5
2004/05	19146	91	1887	9	5205	95	265	5
2005/06	19236	92	1670	8	4948	96	219	4
2006/07	19199	93	1537	7	4718	96	191	4
2007/08	19127	93	1416	7	4490	96	167	4
2008/09	19007	94	1297	6	4289	97	146	3
2009/10	18677	94	1248	6	4194	97	135	3
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

¹ Excluding special schools (boarding schools) and sanatorium schools

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

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

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20.13. Pupils of day secondary educational institutions, by language of instruction and region¹ (beginning of academic year; percent)

	Language of instruction											
	Ukrainian						Russian					
	1995/96	2000/01	2005/06	2010/11	2011/12	2012/13	1995/96	2000/01	2005/06	2010/11	2011/12	2012/13
Ukraine	58	70	78	82	82	82	41	29	21	17	17	17
Autonomous Republic of Crimea	0,1	0,9	5	8	8	7	99,5	97	93	89	89	89
oblasts												
Vinnitsya	91	98	99	99,5	99,5	99,6	9	2	1	0,5	0,5	0,4
Volyn	98	99	99,7	99,8	99,8	99,8	2	1	0,3	0,2	0,2	0,2
Dnipropetrovsk	46	68	78	81	81	81	54	32	22	19	19	19
Donetsk	6	14	29	47	48	50	94	86	71	53	52	50
Zhytomyr	86	96	99	99	99	99	14	4	1	1	1	1
Zakarpattia	84	86	86	87	87	87	4	2	1	1	1	1
Zaporizhzhya	31	45	60	73	73	74	69	55	40	27	27	26
Ivano-Frankivsk	98	99	99,7	99,6	99,5	99,5	2	1	0,2	0,3	0,3	0,3
Kyiv	92	97	99	99	99	99	8	3	1	1	1	1
Kirovohrad	75	89	96	98	98	98	25	11	4	2	2	2
Luhansk	9	17	34	48	48	48	91	83	66	52	52	52
Lviv	96	98	99	99	99	99	4	2	1	1	1	1
Mykolayiv	56	74	87	92	92	92	44	26	13	8	8	8
Odesa	32	47	65	72	72	72	66	51	33	26	26	27
Poltava	83	93	97	98	98	98	17	7	3	2	2	2
Rivne	99	99,7	99,9	99,97	99,98	99,99	1	0,3	0,1	0,03	0,02	0,01
Sumy	63	83	93	96	96	96	37	17	7	4	4	4
Ternopil	99	99,7	99,8	99,9	99,9	99,9	1	0,3	0,2	0,1	0,1	0,1
Kharkiv	37	55	71	75	74	74	63	45	29	25	26	26
Kherson	60	76	83	85	85	85	40	24	17	15	15	15
Khmelnyskiy	92	98	99,3	99,5	99,5	99,5	8	2	0,4	0,2	0,2	0,2
Cherkasy	86	96	98	99	99	99	14	4	2	1	1	1
Chernivtsi	78	81	81	84	83	84	5	2	0,7	0,4	0,4	0,4
Chernihiv	81	94	99	99,5	99,5	99,6	19	6	1	0,5	0,5	0,4
cities												
Kyiv	70	93	96	97	97	97	30	7	4	3	3	3
Sevastopol	0,0	2	2	3	3	3	99,98	98	98	97	97	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 2012/13 academic year, 18,1 thsd. children were taught in Romanian, 15,1 thsd. in Hungarian, 3,3 thsd. in Moldovan, 5,4 thsd. in Crimean Tatar, 1,5 thsd. in Polish, 0,5 thsd. in English, 0,1 thsd. in Slovakian and 0,06 thsd. in Bulgarian.

20.14. Night (part-time) secondary educational institutions

(beginning of academic year)

	1990/91	1995/96	2000/01	2005/06	2009/10	2010/11	2011/12	2012/13
Total institutions	515	352	245	232	208	205	184	175
Total pupils (including distance learning) ¹ , thsd.	193	136	117	98	74	71	67	62
of which grades 10–12 (10–16)	186	120	99	87	65	63	61	56

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

20.15. Pupils graduating from secondary educational institutions

(thsd.)

	Finished 2 nd level schools (incomplete secondary education)			Finished 3 rd level schools (complete secondary education)		
	total	day	evening	total	day	evening
1990	696	692	4	406	353	53
1995	639	626	13	361	316	45
2000	720	708	12	475	445	30
2001	738	726	12	505	472	33
2002	724	714	10	508	472	36
2003	720	709	11	526	490	36
2004	675	666	9	519	484	35
2005	649	640	9	515	482	33
2006	595	587	8	485	452	33
2007	561	553	8	467	436	31
2008	546	539	7	427	399	28
2009	316	311	5	391	365	26
2010	566	559	7	364	340	24
2011	480	474	6	215	193	22
2012	441	436	5	329	309	20

In 2012, 60,4% of graduates of the 9th joined the 10th grade at day secondary educational institutions, 2,6% were enrolled to part-time evening shift schools, 16,8% entered to professional training institutions, and 19,7% were enrolled to institutions of higher education.

20.16. Professional training institutions

	Total institutions	Total pupils, thsd.	Enrolled pupils, thsd.	Graduated qualified workers, thsd.
1995	1179	555,2	300,5	277,3
2000	970	524,6	307,3	266,8
2001	965	512,3	309,1	278,8
2002	962	501,9	311,0	282,4
2003	953	493,1	311,2	275,6
2004	1011	507,3	327,6	283,4
2005	1023	496,6	314,2	286,6
2006	1021	473,8	303,7	289,3
2007	1022	454,4	299,2	285,1
2008	1018	443,6	288,1	269,6
2009	975	424,3	249,9	239,3
2010	976	433,5	282,9	247,3
2011	976	409,4	241,7	240,1
2012	972 ¹	423,3	241,8	202,1
Vocational training of persons in 2012 who have completed secondary education	×	106,8	82,3	73,5
obtained qualification along with complete secondary education	×	271,4	89,0	60,5
obtained qualification without complete secondary education	×	22,1	11,8	11,4
involved in vocational training				
not working population	×	8,0	17,9	17,0
enterprise workers	×	14,0	32,4	31,2
involved in upgrading				
not working population	×	0,3	3,6	4,1
enterprise workers	×	0,7	4,8	4,4

¹ In addition to 967 institutions of the Ministry of Education and Science, Youth and Sport of Ukraine, data include 5 institutions of other ministries (agencies)

EDUCATION

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

(thsd.)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	277,3	266,8	282,4	275,6	283,4	286,6	289,3	285,1	269,6	239,3	247,3	240,1	201,2
Autonomous Republic of Crimea	9,1	8,7	9,9	10,1	9,9	10,0	9,9	10,2	9,0	8,1	9,0	9,5	6,6
oblasts													
Vinnitsya	10,5	10,9	12,9	12,4	13,1	14,5	13,9	14,2	12,3	10,7	11,3	9,8	8,0
Volyn	6,9	7,1	8,1	8,0	8,9	8,6	8,9	8,6	8,2	6,2	7,1	6,3	5,8
Dniepro-petrovsk	23,1	20,0	22,1	22,6	23,1	24,5	25,7	25,6	26,9	21,6	23,9	21,8	18,4
Donetsk	27,8	28,4	31,0	30,4	30,8	29,7	30,2	28,3	26,8	24,3	24,4	23,9	17,3
Zhytomyr	7,9	7,1	7,3	7,0	6,7	6,9	6,7	7,1	6,7	5,5	5,8	5,9	5,1
Zakarpattia	5,5	5,1	5,4	5,7	5,6	5,4	5,5	5,1	4,7	5,1	4,8	4,9	4,0
Zaporizhya	11,7	13,0	13,8	14,4	14,5	15,3	15,0	14,0	12,5	11,1	10,9	10,7	10,0
Ivano-Frankivsk	7,0	5,4	6,6	6,4	7,2	6,8	6,9	6,6	6,6	5,9	6,2	6,2	5,5
Kyiv	8,4	9,0	10,6	10,3	9,9	9,9	9,4	9,6	8,8	8,0	7,6	7,1	5,9
Kirovohrad	8,1	7,6	8,7	8,3	8,3	7,9	7,1	6,9	6,2	5,6	5,8	5,6	3,8
Luhansk	17,9	18,7	18,1	17,2	17,6	17,1	16,6	17,8	15,7	14,4	15,1	14,7	11,0
Lviv	20,0	19,3	18,6	17,8	18,9	19,5	19,5	20,1	18,7	17,2	16,6	16,8	16,1
Mykolayiv	7,8	8,1	8,6	8,5	8,7	8,5	8,9	8,6	8,6	8,1	7,6	7,6	6,8
Odesa	12,0	9,2	9,0	9,1	9,9	10,0	10,1	10,4	10,3	9,9	10,1	10,0	9,2
Poltava	10,5	10,6	10,6	9,6	9,8	10,4	10,9	11,0	10,0	8,5	9,0	8,3	7,4
Rivne	6,5	5,8	5,1	5,4	6,4	6,6	6,6	7,1	7,2	6,4	6,3	6,5	6,4
Sumy	8,0	8,9	9,5	8,8	8,8	9,4	10,1	9,2	9,6	8,7	9,6	9,1	8,1
Ternopil	5,6	4,8	5,2	5,1	6,2	6,6	6,9	7,2	6,7	6,0	6,0	6,0	5,6
Kharkiv	15,7	15,5	15,5	14,9	15,1	15,8	14,8	12,4	11,5	10,0	11,2	10,1	8,4
Kherson	7,0	5,9	6,7	7,0	7,3	7,1	7,1	7,5	7,3	5,2	5,4	5,4	4,7
Khmelnyskiy	7,9	7,2	7,6	7,1	7,4	7,0	8,3	8,6	8,3	7,8	8,0	8,3	8,1
Cherkasy	7,5	6,2	6,2	6,2	5,9	5,8	5,9	6,1	5,6	5,2	5,3	5,4	5,0
Chernivtsi	4,8	3,9	4,7	4,4	4,1	4,7	4,8	4,7	4,3	4,3	4,0	4,2	3,5
Chernihiv	5,2	6,3	6,8	6,0	6,4	6,0	6,0	5,3	4,9	4,9	4,9	4,7	3,9
cities													
Kyiv	13,2	12,8	12,1	11,4	11,4	10,9	11,9	11,3	10,7	9,0	10,0	9,7	5,9
Sevastopol	1,7	1,3	1,7	1,5	1,5	1,7	1,7	1,6	1,5	1,6	1,4	1,6	0,7

EDUCATION

20.18. Institutions of higher education

(beginning of academic year)

	1 st and 2 nd levels of accreditation						3 rd and 4 th levels of accreditation					
	1990/91	1995/96	2000/01	2005/06	2010/11	2012/13	1990/91	1995/96	2000/01	2005/06	2010/11	2012/13
Total institutions	742	782	664	606	505	489	149	255	315	345	349	334
Total students, thsd.	757,0	617,7	528,0	505,3	361,5	345,2	881,3	922,8	1402,9	2203,8	2129,8	1824,9
full-time	510,7	455,6	400,8	373,4	302,9	287,9	520,0	616,3	859,5	1233,8	1250,2	1104,1
Enrolled, thsd.	241,0	188,8	190,1	169,2	129,1	99,8	174,5	206,8	346,4	503,0¹	392,0¹	341,3¹
full-time	155,8	142,2	141,2	124,8	105,9	82,9	110,9	150,7	219,5	305,0	276,2	244,5
Graduated, thsd.	228,7	191,2	148,6	142,7	111,0	92,2	136,9	147,9	273,6	372,4²	543,7²	520,7²
full-time	143,9	131,5	109,5	101,9	81,2	75,5	73,3	91,7	189,1	199,6	275,6	264,8

¹ 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)

² 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 levels)

The number of students at the educational institutions of the 1st and 2nd levels of accreditation accounted for 5,0 thsd. disabled, 3,5 thsd. orphans and uncared children (aged under 18), at the educational institutions of the 3rd and 4th levels of accreditation – 13,8 thsd. and 5,0 thsd. respectively.

49,0 thsd. foreign students study at institutions of higher education of all levels of accreditation.

In 2012, 93,5 thsd. masters, 247,3 thsd. specialists, 130,2 thsd. bachelors and 141,9 thsd. junior specialists graduated from institutions of higher education of all levels of accreditation.

At the beginning of the 2012/13 academic year, institutions of higher education of all levels of accreditation employed 195,4 thsd. teachers, research and educational staff; this includes 13,9 thsd. doctors and 69,4 thsd. candidates of science, 12,6 thsd. professors and 46,7 thsd. senior lecturers.

20.19. Competitive examinations to institutions of higher education

(number of applications per 100 enrolled students)

	1 st and 2 nd levels of accreditation								3 rd and 4 th levels of accreditation							
	1995	2000	2005	2008	2009	2010	2011	2012	1995	2000	2005	2008	2009	2010	2011	2012
All types of training	156	138	129	138	158	180	167	190	167	158	153	203	345	329	341	430
full-time	160	143	135	142	164	193	178	203	168	174	169	233	407	401	443	534
part-time	161	133	129	122	148	170	162	165	151	134	134	146	191	204	159	236
distance learning	143	121	115	114	121	119	120	125	164	129	128	136	184	158	154	167

From year to year the percentage of students paying for their study increases. In 1995/96, 18% of students were enrolled on paid basis, whereas in 2012/13 this number amounted to 47%.

At the beginning of the 2012/13 academic year, institutions of higher education of all levels of accreditation trained 49 thsd. foreign students: 10,5 thsd. (21,3%) from Turkmenistan, 3,2 thsd. (6,5%) from China, 2,9 thsd. (5,9%) from the Russian Federation, 2,6 thsd. (5,4%) from India, 1,9 thsd. (4,0%) from the Jordan, 1,2 thsd. (2,4%) from the Morocco and 1,0 thsd. (2,0%) from the Turkey.

EDUCATION

20.20. Enrollment to institutions of higher education and training of specialists in 2012, by source of funds required for their training and educational and qualification levels

	Enrolled to primary cycle of training, total	Funds from				Graduated from institutions of higher education¹
		Central budget		local budgets		
		total, persons	percentage of total number of the enrolled	total, persons	percentage of total number of the enrolled	
Total	441097	207465	47,0	27209	6,2	612867
By educational and qualification levels						
master	45	30	66,7	—	—	93533
specialist	14789	4846	32,8	25	0,2	247281
bachelor	260039	125915	48,4	3455	1,3	130206
junior specialist	166224	76674	46,1	23729	14,3	141847

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

20.21. Institutions of higher education of the 1st and 2nd levels of accreditation, by region
(beginning of academic year)

	Total institutions						Enrollment, thsd.					
	1990/91	1995/96	2000/01	2005/06	2010/11	2012/13	1990/91	1995/96	2000/01	2005/06	2010/11	2012/13
Ukraine	742	782	664	606	505	489	757,0	617,7	528,0	505,3	361,5	345,2
Autonomous Republic of Crimea	25	33	26	22	17	15	21,7	19,8	14,1	11,2	7,8	7,1
oblasts												
Vinnitsya	28	29	26	20	17	17	27,8	24,0	22,8	17,8	17,3	16,4
Volyn	15	15	15	14	11	11	12,8	10,4	10,7	11,0	7,9	8,1
Dnipropetrovsk	72	75	43	35	31	31	79,1	64,7	37,0	32,6	23,6	23,6
Donetsk	83	82	68	63	55	54	88,0	65,7	51,1	56,8	38,5	38,4
Zhytomyr	21	22	20	20	18	18	20,4	17,0	17,5	22,7	16,6	16,1
Zakarpattya	15	16	15	14	11	10	11,4	10,5	8,2	7,0	5,0	5,1
Zaporizhzhya	27	29	23	23	16	17	29,8	22,2	18,4	18,9	10,9	10,6
Ivano-Frankivsk	18	20	25	22	19	17	15,8	15,1	19,4	18,3	14,6	13,4
Kyiv	16	16	18	20	17	17	16,9	15,0	12,8	11,3	9,4	9,1
Kirovohrad	18	19	18	17	14	12	16,2	11,8	11,2	12,3	8,6	8,0
Luhansk	40	43	30	33	28	26	40,0	33,4	25,0	28,0	17,3	15,9
Lviv	40	44	40	33	23	22	41,2	35,9	33,4	30,8	20,3	20,3
Mykolayiv	14	16	17	12	11	12	17,1	13,9	13,1	10,4	7,6	7,2
Odesa	35	36	32	23	20	19	38,9	30,1	27,6	24,8	15,4	13,6
Poltava	27	27	24	18	16	14	25,1	21,1	18,0	14,3	11,2	9,7
Rivne	15	17	11	11	11	11	13,1	12,2	12,8	11,0	10,7	10,5
Sumy	26	26	21	12	10	10	22,5	17,7	14,5	6,6	5,4	5,4
Ternopil	15	15	13	12	10	12	13,4	12,5	11,0	9,5	7,4	8,6
Kharkiv	49	50	39	38	33	33	55,6	42,8	31,2	29,3	23,0	21,6
Kherson	19	21	18	15	13	11	19,0	15,0	14,3	15,0	10,0	6,4
Khmelnyskiy	18	18	15	15	10	11	16,0	13,6	9,6	10,9	7,3	7,5
Cherkasy	20	22	20	21	12	13	19,6	17,4	16,2	17,8	11,3	11,1
Chernivtsi	18	18	16	16	13	13	14,2	12,5	13,6	13,6	10,2	10,1
Chernihiv	20	21	20	21	17	15	16,2	15,8	15,6	15,4	9,4	7,8
cities												
Kyiv	40	48	46	51	47	43	55,3	44,2	44,9	45,1	32,6	31,3
Sevastopol	4	4	5	5	5	5	3,3	3,4	4,0	2,9	2,2	2,3

EDUCATION

20.22. 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					
	1995/96	2000/01	2005/06	2010/11	2011/12	2012/13	1995/96	2000/01	2005/06	2010/11	2011/12	2012/13
Ukraine	55	78	85	91	91	91	45	22	14	9	9	9
Autonomous Republic of Crimea	—	—	3	5	5	6	100	100	97	95	95	94
oblasts												
Vinnitsya	97	99	100	100	100	100	3	1	—	—	—	—
Volyn	100	100	100	100	100	100	—	—	—	—	—	—
Dnipropetrovsk	28	74	93	98	98	99	72	26	7	2	2	1
Donetsk	3	24	35	49	52	54	97	76	65	51	48	46
Zhytomyr	90	100	100	100	100	100	10	—	—	—	—	—
Zakarpattia	96	97	99	98	98	98	1	—	—	—	—	—
Zaporizhzhya	24	69	80	94	94	94	76	31	20	6	6	6
Ivano-Frankivsk	100	100	100	100	100	100	—	—	—	—	—	—
Kyiv	96	100	100	100	100	100	4	—	—	—	—	—
Kirovohrad	92	99	100	100	100	100	8	1	—	—	—	—
Luhansk	8	43	68	89	90	90	92	57	32	11	10	10
Lviv	100	100	100	100	100	100	—	—	—	—	—	—
Mykolayiv	54	95	100	100	100	100	46	5	—	—	—	—
Odesa	30	58	87	97	98	98	70	42	13	3	2	2
Poltava	84	90	100	100	100	100	16	10	—	—	—	—
Rivne	100	100	100	100	100	100	—	—	—	—	—	—
Sumy	53	92	100	100	100	100	47	8	—	—	—	—
Ternopil	100	100	100	100	100	100	—	—	—	—	—	—
Kharkiv	37	69	92	96	96	95	63	31	8	4	4	5
Kherson	50	73	89	100	100	100	50	27	11	—	—	—
Khmelnyskiy	98	100	100	100	100	100	2	—	—	—	—	—
Cherkasy	98	99,9	100	100	100	100	2	0,1	—	—	—	—
Chernivtsi	95	99,5	99	99	99	99	4	—	—	—	—	—
Chernihiv	80	99	100	100	100	100	20	1	—	—	—	—
cities												
Kyiv	72	98	99	100	100	100	28	2	1	—	—	—
Sevastopol	—	—	—	—	—	—	100	100	100	100	100	100

As of the beginning of the 2012/13 academic year, 82 students studied in Hungarian in the Zakarpattia oblast and 76 students studied in Romanian in the Chernivtsi oblast.

EDUCATION

20.23. Institutions of higher education of the 3rd and 4th levels of accreditation, by region
(beginning of academic year)

	Total institutions						Enrollment, thsd.					
	1990/91	1995/96	2000/01	2005/06	2010/11	2012/13	1990/91	1995/96	2000/01	2005/06	2010/11	2012/13
Ukraine	149	255	315	345	349	334	881,3	922,8	1402,9	2203,8	2129,8	1824,9
Autonomous Republic of Crimea	3	11	14	13	15	13	15,5	24,1	42,4	53,3	47,7	41,0
oblasts												
Vinnitsya	3	5	5	5	5	5	19,4	19,4	25,6	39,8	33,4	29,7
Volyn	1	2	3	4	4	4	9,4	11,6	18,1	23,8	25,7	21,9
Dnipropetrovsk	12	16	20	22	25	23	77,4	70,4	107,0	156,3	147,7	130,7
Donetsk	10	21	26	27	27	23	61,5	76,4	120,4	160,3	133,1	110,9
Zhytomyr	2	5	5	5	4	4	9,5	10,6	20,1	28,5	27,6	23,9
Zakarpattia	1	1	4	5	6	6	8,0	8,5	14,5	20,1	23,4	20,8
Zaporizhzhya	7	12	12	12	11	10	33,8	36,5	51,5	83,4	92,3	75,9
Ivano-Frankivsk	3	3	6	9	9	6	14,3	12,6	24,5	42,2	40,2	32,5
Kyiv	1	2	3	5	7	7	6,0	7,4	18,5	28,9	30,9	27,5
Kirovohrad	3	6	6	6	7	5	11,8	12,2	17,7	20,8	19,8	13,1
Luhansk	5	7	7	9	10	8	32,6	30,0	52,3	86,4	88,1	71,9
Lviv	12	15	17	28	23	22	67,7	59,3	83,8	127,8	137,1	126,1
Mykolayiv	2	3	3	5	5	5	12,8	13,2	21,7	33,5	35,8	33,4
Odesa	15	19	20	22	22	22	77,5	73,0	88,4	119,5	127,2	114,3
Poltava	5	6	8	8	7	7	22,6	20,8	38,5	58,8	53,8	47,5
Rivne	3	3	5	6	6	6	15,7	15,5	22,9	42,9	39,2	32,9
Sumy	4	5	6	5	5	5	15,5	16,2	27,0	59,2	46,3	40,3
Ternopil	3	7	9	11	8	8	17,5	22,6	43,8	57,4	47,5	36,8
Kharkiv	22	36	36	37	37	37	128,7	135,5	176,7	256,8	232,7	200,8
Kherson	3	5	6	6	8	7	15,7	17,0	25,2	29,7	28,5	23,9
Khmelnyskiy	3	7	10	10	10	10	16,5	17,9	28,7	39,4	43,4	35,7
Cherkasy	3	5	7	6	6	6	11,7	17,2	24,2	39,3	41,1	35,3
Chernivtsi	2	2	4	4	4	4	11,9	12,7	17,6	25,8	27,1	23,5
Chernihiv	2	5	4	5	5	4	10,9	11,3	19,4	26,7	22,9	19,1
cities												
Kyiv	18	45	66	65	69	72	150,2	165,1	259,9	525,7	521,8	441,9
Sevastopol	1	1	3	5	4	5	7,2	5,8	12,5	17,5	15,5	13,6

EDUCATION

20.24. 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					
	1995/96	2000/01	2005/06	2010/11	2011/12	2012/13	1995/96	2000/01	2005/06	2010/11	2011/12	2012/13
Ukraine	51	73	82	90	91	91	49	27	18	10	9	8
Autonomous Republic of Crimea	—	0,1	7	17	15	26	100	99,9	93	83	85	74
oblasts												
Vinnitsya	85	99	99	99	99,6	99,7	15	1	1	1	0,4	0,3
Volyn	97	100	100	100	100	100	3	—	—	—	—	—
Dnipropetrovsk	32	62	79	93	93	97	68	38	21	7	7	3
Donetsk	8	23	34	62	62	62	92	77	66	38	38	38
Zhytomyr	78	92	97	99	99	99	22	8	3	1	1	1
Zakarpattya	100	98	97	97	97	97	—	—	—	—	—	—
Zaporizhzhya	20	70	84	95	96	95	80	30	15	5	4	5
Ivano-Frankivsk	100	100	100	100	100	100	—	—	—	—	—	—
Kyiv	99	99,8	100	100	100	100	0,8	0,2	—	—	—	—
Kirovohrad	85	92	91	89	100	100	15	8	9	11	—	—
Luhansk	8	26	43	79	80	84	92	74	57	21	20	16
Lviv	100	100	100	100	100	100	—	—	—	—	—	—
Mykolayiv	42	91	99,8	99,8	99,8	99,8	58	9	0,2	0,2	0,2	0,2
Odesa	30	66	76	84	87	86	70	34	24	16	13	14
Poltava	68	83	99,1	100	100	100	32	17	0,9	—	—	—
Rivne	97	100	100	100	100	100	3	—	—	—	—	—
Sumy	41	100	99,8	100	100	100	59	—	0,2	—	—	—
Ternopil	100	100	100	99,9	99,9	100	—	—	—	—	—	—
Kharkiv	31	66	76	88	89	91	69	34	24	12	11	9
Kherson	40	60	65	89	90	90	60	40	35	11	10	10
Khmelnyskiy	99	99	99,8	99,9	99,9	99,9	1	1	0,2	0,1	0,1	0,1
Cherkasy	84	98	99,6	100	100	100	16	2	0,4	—	—	—
Chernivtsi	99,7	99,9	100	100	100	100	0,3	0,1	—	—	—	—
Chernihiv	78	94	96	96	96	94	22	6	4	4	4	6
cities												
Kyiv	67	94	96	95	96	96	33	6	3	5	4	3
Sevastopol	—	—	4	13	16	15	100	100	96	87	84	85

At the beginning of 2012/13, 1792 students in Kyiv city, 270 students in the Kharkiv, 154 students in the Odesa, 68 students in the Donetsk and 62 students in the Dnipropetrovsk oblast were taught in English, 673 students in the Zakarpattya oblast were taught in Hungarian.

EDUCATION

20.25. Training of postgraduate students

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total institutions offering postgraduate course	291	374	418	496	502	507	521	525	530	524	521
Total postgraduate students	13374	17464	23295	29866	31293	32497	33344	34115	34653	34192	33640
Enrolled	4162	6261	7744	9711	10201	10286	10189	10470	10626	10306	9916
full-time	2625	4445	5153	6006	6172	6188	6259	6403	6503	6382	6289
part-time	1537	1816	2591	3705	4029	4098	3930	4067	4123	3924	3627
Graduated	3377	3372	5132	6417	6840	7154	7343	7929	8290	8578	8499
full-time	2055	2339	3715	4279	4527	4726	4768	5067	5212	5309	5382
part-time	1322	1033	1417	2138	2313	2428	2575	2862	3078	3269	3117

20.26. Training of doctoral students

	1991	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total institutions offering doctorate training	93	158	209	240	241	252	249	256	263	266	271
Total Doctorate students	503	1105	1131	1315	1373	1418	1476	1463	1561	1631	1814
Enrolled	203	436	376	461	502	506	531	475	603	605	639
Graduated	123	224	401	373	396	414	424	465	459	491	424

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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 (both adults and children) and data on disability.

In 2006 (Tables 21.1–21.2) the estimated data on medical institutions and staff employed are given.

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

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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.

21.1. Health care institutions, facilities and personnel¹

(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
2001	226	530	3,2	466	7
2002	224	526	3,1	465	7
2003	223	523	3,0	458	8
2004	223	522	2,9	451	8
2005	224	496	2,9	445	8
2006	225	493	2,9	444	8
2007	223	488	2,8	440	8
2008	222 ²	465	2,9	437	9
2009	225 ²	467	2,8	431	9
2010	225 ²	467	2,8	429	9
2011	224 ²	459	2,5	412	8
2012	217 ²	441	2,4	404	8

¹ Data for 1913 cover Ukraine within the frontiers of the former Ukrainian Soviet Republic before September 17, 1939, whereas for 1940–2012 the data cover the current territory of Ukraine

² Excluding dental technicians

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21.2. Health care indicators

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total medical practitioners (doctors)											
thsd.	227	230	226	224	225	223	222 ¹	225 ¹	225 ¹	224 ¹	217 ¹
per 10 thsd. population	44,0	45,1	46,2	47,9	48,4	48,3	48,3	49,1	49,3	49,3	47,9
Total paramedical staff											
thsd.	607	595	541	496	493	488	465	467	467	459	441
per 10 thsd. population	117,5	116,5	110,3	106,2	106,1	105,5	101,1	102,0	102,4	101,0	97,2
Total hospitals, thsd.	3,9	3,9	3,3	2,9	2,9	2,8	2,9	2,8	2,8	2,5	2,4
In which beds											
thsd.	700	639	466	445	444	440	437	431	429	412	404
per 10 thsd. population	135,5	125,1	95,0	95,2	95,6	95,2	95,1	94,2	94,0	90,6	89,1
Total out-patient medical institutions, thsd.	6,9	7,2	7,4	7,8	7,9	8,0	8,8	8,8	9,0	8,2	8,3
including											
institutions with dental departments ²	4,8	4,7	4,6	4,6	4,7	4,7	4,7	4,7	4,8	4,5	4,0
independent dental clinics ²	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Capacity of out-patient facilities											
thsd. visits per shift	895	966	973	990	998	992	987	1000	993	999	1023
per 10 thsd. population	173,1	189,0	198,4	211,7	214,8	214,7	214,8	218,3	217,7	219,8	225,4
Total ambulance outlets ²	970	1064	1039	976	982	987	997	998	990	940	866
Total patients who received out-patient and ambulance services ²											
mln.	17,8	16,0	14,0	13,8	13,8	13,9	13,6	13,5	13,4	12,8	12,7
per 1000 population	345	313	285	294	297	300	295	295	294	281	279

¹ See the second footnote to Table 21.1² Institutions belonging to the Ministry of Health Care of Ukraine

21.3. Physicians of all specialisations, by region*(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2010 ¹	2012 ¹	1990	1995	2000	2005	2010 ¹	2012 ¹
Ukraine	227,2	230,2	226,3	223,8	224,9	217,2	44,0	45,1	46,2	47,9	49,3	47,9
Autonomous Republic of Crimea	12,9	12,1	11,1	10,7	10,2	9,1	60,8	55,6	53,3	54,4	52,3	46,7
oblasts												
Vinnitsya	7,7	8,3	8,3	8,3	8,1	7,8	40,4	44,3	46,6	48,9	49,5	48,3
Volyn	3,9	4,2	4,2	4,1	4,0	3,9	36,1	39,1	39,6	39,0	38,7	37,3
Dnipropetrovsk	17,1	18,5	17,5	16,6	16,4	15,4	43,9	48,3	47,7	48,3	49,2	46,5
Donetsk	23,7	23,5	22,4	21,6	19,8	18,6	44,5	45,4	46,0	46,9	44,7	42,7
Zhytomyr	5,0	5,1	5,4	5,2	5,0	4,7	32,9	34,8	38,5	39,3	38,9	37,3
Zakarpattia	4,9	5,2	5,2	5,2	5,2	5,2	39,2	40,6	40,6	42,1	42,0	41,2
Zaporizhzhya	9,1	9,2	9,5	8,8	8,6	8,3	43,6	44,2	48,3	47,6	47,9	46,3
Ivano-Frankivsk	6,1	6,4	6,6	6,7	8,2	8,7	42,7	44,1	45,6	48,7	59,5	63,1
Kyiv	6,1	6,2	6,0	5,8	7,2	6,9	31,2	32,6	33,4	32,8	42,2	40,2
Kirovohrad	4,8	4,2	4,0	3,7	3,6	3,4	38,7	34,5	35,3	35,2	36,2	34,7
Luhansk	11,0	11,2	10,7	10,3	10,0	9,4	38,4	40,3	41,2	43,0	43,8	41,8
Lviv	13,5	14,2	13,9	14,5	15,0	14,5	49,0	51,8	51,9	56,6	59,5	57,4
Mykolayiv	4,6	4,9	4,6	4,4	4,4	4,0	34,3	36,6	36,0	35,8	36,8	34,3
Odesa	13,5	12,3	11,9	11,2	11,7	11,3	51,8	47,9	48,0	46,8	49,0	47,5
Poltava	6,8	7,5	7,8	7,3	7,2	6,9	38,5	43,4	46,9	47,4	48,9	47,2
Rivne	3,7	4,2	4,6	4,7	4,8	4,7	31,9	35,2	38,9	40,6	41,6	40,6
Sumy	4,6	4,7	4,8	4,5	4,6	4,4	32,1	33,8	36,7	36,5	39,6	38,4
Ternopil	5,1	5,5	5,4	5,4	5,6	5,6	43,7	47,0	47,0	49,1	52,1	51,6
Kharkiv	15,7	16,0	15,2	15,8	15,9	15,6	49,5	52,1	52,0	56,1	58,0	57,2
Kherson	4,5	4,6	4,2	4,1	3,9	3,9	35,9	36,6	34,9	36,1	35,7	36,0
Khmelnyskiy	4,9	5,4	5,4	5,5	5,6	5,5	32,5	35,8	37,4	40,1	42,3	41,9
Cherkasy	5,6	5,6	5,4	5,1	5,0	4,8	36,9	37,2	37,9	37,8	39,0	38,0
Chernivtsi	4,0	4,3	4,4	4,9	5,6	5,8	42,7	45,6	47,2	54,0	62,0	63,5
Chernihiv	4,5	4,6	4,6	4,3	4,1	3,8	32,2	34,1	36,3	36,9	37,3	35,8
cities												
Kyiv	21,2	20,1	21,3	23,2	23,1	23,1	81,3	77,0	81,5	87,6	83,8	82,4
Sevastopol	2,7	2,2	1,9	1,9	2,1	1,9	67,6	54,1	48,0	49,1	55,1	50,1

¹ See the second footnote to Table 21.1

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21.4. Paramedical personnel, by region*(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	607,2	595,1	541,0	496,3	466,8	441,1	117,5	116,5	110,3	106,2	102,4	97,2
Autonomous Republic of Crimea	27,4	27,1	23,1	21,9	20,1	17,8	129,7	124,3	111,5	111,1	102,9	90,9
oblasts												
Vinnitsya	23,1	22,6	20,5	18,9	17,6	16,7	121,3	121,2	114,4	111,7	107,7	102,9
Volyn	13,9	13,3	11,8	11,3	11,3	10,7	130,2	123,6	112,5	108,8	109,1	102,9
Dnipropetrovsk	45,3	46,2	39,3	35,3	32,2	29,9	116,3	120,3	107,0	102,4	96,6	90,5
Donetsk	67,4	63,5	55,1	48,4	41,6	38,9	126,5	122,7	113,1	104,9	94,0	89,1
Zhytomyr	16,8	17,4	16,5	15,3	14,4	13,6	112,0	118,3	116,4	114,7	112,1	107,0
Zakarpattia	13,0	13,5	13,1	12,9	11,5	11,0	103,0	105,3	103,1	104,1	92,2	88,0
Zaporizhzhya	23,5	22,9	22,0	19,2	18,1	16,8	112,2	110,8	111,4	103,2	100,6	94,3
Ivano-Frankivsk	16,5	16,1	15,5	14,2	15,1	14,8	115,2	110,5	107,6	102,7	109,9	107,7
Kyiv	19,7	19,7	18,5	16,3	16,0	15,0	101,5	104,3	102,2	92,9	93,6	87,4
Kirovohrad	15,7	13,5	12,9	11,4	10,6	9,8	127,5	111,3	112,7	107,9	106,0	99,5
Luhansk	33,9	31,4	26,6	24,8	22,6	20,8	118,4	112,9	102,1	103,2	98,9	92,5
Lviv	28,8	30,5	30,5	30,1	28,5	27,5	104,8	111,2	113,8	117,6	112,8	108,9
Mykolayiv	13,8	13,8	12,3	11,1	10,1	9,4	102,7	103,0	95,9	90,9	85,3	80,1
Odesa	31,3	27,6	24,9	21,8	22,4	21,0	119,5	107,4	100,5	91,3	94,4	88,2
Poltava	19,2	20,3	19,4	16,8	15,2	14,2	109,8	117,2	116,9	108,3	102,5	97,6
Rivne	13,0	14,3	13,2	13,5	13,3	12,8	110,8	120,2	112,3	116,9	115,7	111,1
Sumy	16,2	15,6	14,5	13,0	12,7	12,0	113,9	112,0	110,5	106,7	109,7	104,7
Ternopil	13,7	13,2	12,5	12,2	12,1	11,6	117,3	113,1	109,0	109,9	112,4	108,2
Kharkiv	35,6	36,3	32,3	28,7	26,4	25,0	112,2	118,4	110,7	102,0	96,4	91,6
Kherson	15,6	14,7	12,2	11,3	10,4	9,8	124,1	116,7	100,8	100,3	95,5	90,6
Khmelnyskiy	16,3	16,6	14,7	13,8	14,2	13,6	107,7	110,2	102,1	100,4	107,2	103,6
Cherkasy	17,2	16,8	16,2	14,6	13,5	12,7	112,5	112,2	113,5	108,9	105,5	100,6
Chernivtsi	9,9	10,2	9,4	9,0	9,5	9,4	105,1	107,8	101,0	99,4	105,4	103,9
Chernihiv	16,0	16,3	15,1	13,3	12,3	11,6	113,8	120,7	119,1	114,6	112,8	108,1
cities												
Kyiv	38,6	36,6	34,6	33,4	31,3	31,1	148,0	140,1	132,8	125,9	113,5	111,1
Sevastopol	5,8	5,1	4,3	3,8	3,8	3,6	142,9	125,8	111,0	100,2	99,5	93,2

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21.5. Hospital beds, by region*(end of year)*

	Thsd.						Per 10 thsd. population					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	700,3	638,9	466,0	444,9	428,7	404,5	135,5	125,1	95,0	95,2	94,0	89,1
Autonomous Republic of Crimea	26,3	25,0	19,3	17,9	17,2	16,8	124,3	114,7	92,9	90,6	88,0	85,8
oblasts												
Vinnitsya	28,2	25,0	16,1	15,6	14,3	12,8	148,2	134,1	90,2	92,1	87,8	78,8
Volyn	14,7	13,7	8,9	8,6	8,6	8,4	137,5	127,5	84,2	82,5	83,3	81,5
Dnipropetrovsk	54,7	54,1	40,3	37,5	35,3	30,6	140,3	141,0	109,9	109,0	106,0	92,6
Donetsk	74,1	63,6	44,3	41,7	38,5	36,2	139,2	122,9	90,9	90,5	87,1	83,0
Zhytomyr	20,9	15,3	11,4	10,8	10,2	10,0	138,8	104,1	80,9	80,8	79,6	78,7
Zakarpattia	14,8	14,0	10,8	10,2	10,0	9,4	117,6	108,9	84,4	82,0	80,7	74,8
Zaporizhzhya	29,4	28,5	20,8	18,3	16,7	16,1	140,7	137,6	105,2	98,6	92,8	90,0
Ivano-Frankivsk	18,3	16,8	12,8	12,7	12,5	11,7	128,1	115,3	88,6	91,3	90,6	84,9
Kyiv	24,0	21,8	15,5	14,3	15,0	14,6	123,8	115,2	85,6	81,5	87,8	84,9
Kirovohrad	18,1	16,5	11,0	10,3	9,8	8,9	146,6	136,3	96,3	97,2	97,5	90,5
Luhansk	40,8	35,8	25,8	25,7	24,1	21,5	142,5	128,7	99,1	106,7	105,3	95,4
Lviv	34,3	29,5	25,8	24,8	24,7	24,2	124,9	107,7	96,3	97,0	97,9	96,0
Mykolayiv	17,9	17,7	11,1	10,6	10,2	9,9	133,6	131,6	86,7	87,2	85,9	84,8
Odesa	35,0	28,6	22,7	21,8	22,4	20,7	133,7	111,2	91,7	91,1	94,1	86,9
Poltava	24,0	23,7	14,4	13,8	13,4	12,8	137,0	136,8	87,2	89,1	90,6	88,0
Rivne	15,8	15,4	10,3	10,5	10,5	9,9	135,1	129,3	87,7	90,9	91,3	85,3
Sumy	20,0	17,6	11,9	11,4	11,2	10,4	140,4	126,5	90,8	93,2	96,7	90,9
Ternopil	15,5	14,3	10,7	10,1	9,9	9,5	132,5	122,5	93,0	91,4	91,1	89,0
Kharkiv	42,4	41,9	29,0	27,8	25,2	24,7	133,5	136,6	99,4	98,7	92,0	90,5
Kherson	16,5	15,5	11,2	11,8	11,1	10,7	131,0	122,8	92,7	105,0	102,2	99,2
Khmelnyskiy	20,6	19,1	13,2	12,2	12,3	11,5	136,0	127,1	91,6	88,9	92,8	88,2
Cherkasy	20,8	17,9	12,9	12,1	11,5	10,8	136,5	119,0	90,3	90,7	89,3	85,2
Chernivtsi	12,2	10,8	8,2	8,3	8,1	7,5	130,1	114,5	87,6	91,5	89,5	82,6
Chernihiv	20,1	19,0	14,2	13,0	12,6	11,9	143,0	140,7	112,1	112,1	115,5	111,5
cities												
Kyiv	36,6	33,6	30,3	30,1	30,0	29,6	139,9	129,0	116,4	113,6	108,8	105,4
Sevastopol	4,3	4,2	3,1	3,0	3,4	3,4	106,6	102,8	80,8	79,1	89,1	88,5

21.6. Planned capacity of out-patient and polyclinic institutions, by region*(end of year)*

	Thsd. visitors per shift						Per 10 thsd. population					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	894,9	965,5	973,0	989,9	992,8	1022,6	173,1	189,0	198,4	211,7	217,7	225,4
Autonomous Republic of Crimea	31,9	34,1	35,1	34,9	34,3	34,4	150,7	156,5	169,5	176,6	175,3	175,8
oblasts												
Vinnitsya	24,3	25,7	25,3	25,8	26,1	35,0	127,6	137,7	141,3	152,5	159,6	215,9
Volyn	14,7	16,2	17,9	18,0	18,3	18,2	137,8	151,2	170,0	173,2	176,6	175,8
Dnipropetrovsk	82,4	93,1	93,7	93,2	90,9	92,1	211,5	242,4	255,7	270,6	272,8	278,8
Donetsk	79,7	82,3	86,4	94,0	85,3	86,1	149,6	158,9	177,3	204,0	193,0	197,4
Zhytomyr	28,8	31,1	32,5	32,3	32,1	33,3	191,8	211,5	230,3	242,7	250,7	262,2
Zakarpattia	22,3	24,0	24,2	24,8	27,6	28,6	177,1	187,1	189,9	199,7	221,8	228,3
Zaporizhzhya	31,9	33,2	36,4	37,1	37,0	37,0	152,6	160,3	184,3	199,4	205,4	207,2
Ivano-Frankivsk	18,6	20,3	20,5	20,6	23,2	27,2	130,0	139,2	141,8	149,0	168,5	197,1
Kyiv	31,4	35,4	35,1	34,3	36,0	37,2	161,8	187,5	194,5	195,0	210,1	216,7
Kirovohrad	26,2	27,9	27,2	27,0	28,8	28,5	212,1	230,1	238,3	254,1	287,0	288,5
Luhansk	52,0	52,7	53,9	53,4	48,9	48,2	181,4	189,5	207,0	222,2	214,0	214,2
Lviv	44,1	47,4	47,3	48,0	48,9	48,4	160,7	173,0	176,1	187,6	193,5	192,0
Mykolayiv	20,6	22,3	23,3	22,3	23,1	25,1	153,7	166,2	181,4	183,4	195,6	213,6
Odesa	51,1	51,4	48,3	50,9	49,0	49,5	195,4	200,1	195,1	212,8	206,2	207,7
Poltava	33,2	37,0	37,2	38,1	38,5	38,4	189,6	213,2	224,4	246,5	259,9	263,1
Rivne	20,1	23,3	22,7	23,7	24,5	28,8	171,6	196,2	192,9	204,7	212,5	249,5
Sumy	23,5	27,2	26,9	27,5	27,5	27,1	165,1	195,1	204,7	224,4	237,1	237,7
Ternopil	18,0	19,5	19,8	20,2	21,2	21,2	153,6	166,4	173,0	181,8	196,4	197,6
Kharkiv	56,1	59,0	57,2	60,9	62,4	66,3	176,8	192,2	195,8	216,3	227,6	242,9
Kherson	20,8	20,9	21,0	21,4	21,5	20,6	165,6	165,2	173,2	190,6	197,6	190,9
Khmelnyskiy	22,6	25,2	25,8	25,2	25,4	25,9	149,6	168,0	178,8	184,2	191,9	197,5
Cherkasy	25,1	27,3	27,4	27,6	29,8	30,1	164,2	181,7	191,5	206,2	232,4	237,5
Chernivtsi	15,3	15,2	15,1	15,9	17,0	17,2	162,2	161,2	162,4	175,3	188,7	189,8
Chernihiv	22,2	24,0	24,1	23,8	24,3	24,5	158,2	178,6	190,9	205,6	223,2	228,6
cities												
Kyiv	70,8	82,0	81,1	81,6	83,3	85,7	270,9	314,4	311,2	307,7	302,2	305,8
Sevastopol	7,2	7,8	7,6	7,4	7,9	8,0	177,4	191,6	196,1	195,1	209,7	210,8

21.7. Morbidity, by disease*(cases of newly registered diseases)*

	Thsd.						Per 100 thsd. population					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Total diseases	32188	32547	33471	32912	33080	31162	62335	63474	67966	70138	72401	68619
including												
some infectious and parasitic diseases	1333	1504	1436	1337	1195	1217	2582	2934	2915	2850	2617	2679
neoplasm	310	327	382	408	418	433	601	639	776	870	915	953
diseases of blood and hemogenic organs and selected immunity disorders	114	191	246	238	223	207	221	373	499	506	489	456
diseases of endocrine system, nutrition and metabolic disorders ¹	307	272	596	549	512	500	594	531	1210	1170	1120	1101
psychological and behavioural disorders	265	267	243	228	193	184	514	521	494	486	422	406
diseases of the nervous system ²	2640	3037	748	754	750	724	5112	5923	1519	1607	1641	1593
diseases of eyes and eye adventive organ ²	1541	1615	1645	1633	3129	3441	3601	3596
diseases of ears and mamillary appendix ²	1149	1197	1225	1213	2332	2550	2680	2672
diseases of blood circulation system	1149	1390	2338	2430	2390	2318	2225	2710	4747	5179	5230	5103
diseases of respiratory organs	17021	15705	14639	13894	14595	13220	32962	30628	29727	29609	31943	29110
digestion disorders	1189	1332	1429	1410	1341	1282	2303	2597	2903	3004	2935	2822
diseases of skin and hypodermic cellular tissue	1799	2144	1996	1936	1921	1852	3483	4181	4053	4126	4204	4079
disease of bony and muscle systems and connective tissue	1374	1416	1571	1600	1532	1445	2661	2761	3191	3411	3353	3182
diseases of urogenital system	1224	1544	1939	2185	2138	2047	2370	3012	3937	4655	4681	4508
pregnancy, delivery and postnatal period	414	516	588	661	612	585	3358 ³	4051 ³	4621 ³	5342 ³	5233 ³	5155 ³
congenital anomalies (defects of growth), deformation and chromosome disorders	41	47	62	53	52	54	79	92	125	114	115	120
traumas, poisoning and some other consequences of external affects	2866	2647	2339	2264	2217	2140	5550	5161	4749	4825	4853	4712

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 disorders

² According to ICD'10, from 1999 diseases of eyes and eye adventive organ and diseases of ears and mamillary appendix were eliminated from class of diseases of the nervous system and hearing and classified in separate groups

³ Per 100 thsd. women of fertility age (15–49)

21.8. Incidence of selected infectious diseases

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total cases											
Acute intestinal diseases, thsd.	107,3	123,3	102,5	83,2	71,0	84,0	79,3	83,0	87,5	87,2	88,9
Typhoid fever and paratyphus A, B and C	172	189	103	90	23	13	8	6	8	18	3
Infections caused by salmonella, thsd.	16,5	15,3	8,0	7,5	7,8	10,1	9,8	9,5	9,8	8,5	9,8
Virus hepatitis including serum, thsd.	147,6	164,6	38,6	26,9	16,7	12,1	8,9	6,3	12,2	11,5	11,0
Flu and acute infections of respiratory organs, mln.	12,5	10,7	9,8	8,5	7,5	8,5	8,1	9,3	8,6	8,1	7,1
Scarlet fever, thsd.	32,2	16,7	16,1	10,3	11,6	15,2	18,3	12,0	14,4	20,9	15,8
Diphtheria	109	5277	365	98	68	81	61	21	17	8	5
Whooping cough, thsd.	4,2	1,2	2,2	1,5	2,5	2,2	1,0	1,4	1,1	2,9	2,3
Tetanus	102	72	36	16	24	28	17	12	13	12	23
Acute poliomyelitis	—	1	6	1	1	—	—	—	—	—	—
Measles, thsd.	6,8	1,9	0,8	2,4	42,7	1,0	0,0	0,0	0,0	1,3	12,7
Per 100 thsd. population, cases											
Acute intestinal diseases	207,8	240,4	208,1	177,3	152,3	181,2	172,1	181,0	191,6	191,6	195,7
Typhoid fever and paratyphus A, B and C	0,3	0,4	0,2	0,2	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Infections caused by salmonella	32,0	29,8	16,2	15,9	16,7	21,7	21,3	20,8	21,4	18,6	21,6
Virus hepatitis including serum	285,8	320,9	78,3	57,3	35,9	26,1	19,4	13,8	26,8	25,3	24,2
Flu and acute infections of respiratory organs	24194	20935	19897	18051	16089	18419	17498	20228	18770	17709	15619
Scarlet fever	62,3	32,6	32,6	21,9	24,9	32,8	39,7	26,2	31,6	45,9	34,7
Diphtheria	0,2	10,3	0,7	0,2	0,1	0,2	0,1	0,0	0,0	0,0	0,0
Whooping cough	8,1	2,3	4,6	3,2	5,3	4,7	2,2	3,0	2,3	6,5	5,0
Tetanus	0,2	0,1	0,1	0,0	0,1	0,1	0,0	0,0	0,0	0,0	0,1
Acute poliomyelitis	—	0,0	0,0	0,0	0,0	—	—	—	—	—	—
Measles	13,2	3,8	1,7	5,1	91,7	2,2	0,1	0,1	0,1	2,9	28,1

21.9. HIV infections and number of persons registered as HIV positive¹

	HIV infected persons						Of which positive persons					
	1995	2000	2005	2010	2011	2012	1995	2000	2005	2010	2011	2012
Total newly registered HIV infected persons												
thsd.	1,5	6,3	13,8	20,5	21,2	20,8	0,04	0,7	4,2	5,9	9,2	10,1
per 100 thsd. population	2,9	12,9	29,4	44,9	46,6	45,8	0,1	1,3	9,0	12,8	20,2	22,2
Total patients registered at medical institutions, end of year												
thsd.	1,5	30,7	62,9	110,5	120,2	129,3	0,1	0,9	5,1	14,0	18,8	24,1
per 100 thsd. population	3,0	63,1	134,6	242,3	264,6	284,9	0,1	1,9	10,9	30,8	41,3	53,1

¹ Including foreign citizens

At the end of 2012, 54,3% of HIV infected and registered as HIV positive persons were males and 42,3% were those infected through drug injections.

21.10. HIV infected and HIV positive, by region¹*(total newly registered)*

	HIV infected persons					Including HIV infected persons – positive persons				
	2000	2005	2009	2010	2012	2000	2005	2009	2010	2012
Ukraine	6307	13786	19860	20521	20777	653	4220	4446	5871	10085
Autonomous Republic of Crimea	412	896	1118	1086	1102	92	235	180	182	216
oblasts										
Vinnitsya	101	248	323	359	332	8	82	157	180	184
Volyn	96	158	262	214	277	3	26	80	99	145
Dnipropetrovsk	920	2045	3626	3259	3431	17	778	928	1116	1903
Donetsk	1503	2997	4061	4031	3748	73	1343	814	1226	2358
Zhytomyr	59	225	345	463	400	7	68	111	133	201
Zakarpattia	17	36	50	62	82	1	9	5	3	32
Zaporizhzhya	144	406	501	558	523	18	102	144	195	409
Ivano-Frankivsk	18	74	117	170	172	4	8	41	41	62
Kyiv	63	333	730	753	697	3	95	192	192	400
Kirovohrad	45	173	254	302	365	1	13	54	75	67
Luhansk	153	525	610	746	740	5	67	176	295	317
Lviv	89	209	462	479	393	5	43	118	153	165
Mykolayiv	453	802	1130	1107	1129	75	288	75	82	248
Odesa	977	1349	1568	2143	2304	275	442	165	461	1169
Poltava	121	303	409	413	450	—	80	136	183	280
Rivne	22	82	240	244	245	4	9	16	23	62
Sumy	36	92	214	217	170	3	21	65	67	56
Ternopil	60	65	105	105	118	—	14	21	39	30
Kharkiv	153	401	557	527	591	8	42	103	126	284
Kherson	195	327	591	560	567	18	61	91	133	198
Khmelnyskiy	110	241	263	297	307	1	48	72	105	174
Cherkasy	151	300	391	471	474	3	94	131	173	291
Chernivtsi	25	62	99	102	109	9	23	10	18	31
Chernihiv	84	236	483	507	507	1	27	99	115	176
cities										
Kyiv	217	1023	1096	1088	1311	15	73	377	371	459
Sevastopol	83	178	255	258	233	4	129	85	85	168

¹ See the footnote to Table 21.9

21.11. Incidence of malignant tumours

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total newly registered											
thsd.	155,4	158,6	156,6	157,5	153,6	154,1	152,9	152,4	156,2	159,0	162,6
per 100 thsd. population	301	309	318	336	330	333	332	332	342	349	358
Total patients registered at medical institutions, end of year											
thsd.	670,5	732,6	768,3	864,3	891,8	913,0	934,1	960,9	988,6	1015,5	1052,2
per 100 thsd. population	1297	1434	1567	1849	1919	1977	2032	2099	2168	2234	2319

21.12. Incidence of malignant tumours in 2012, by location

	Thsd.			Per 100 thsd. population		
	total	including		total	including	
		males	females		males	females
Total newly registered	162,6	77,4	85,2	358,0	369,1	348,4
including malignant tumour						
lips, mouth and throat	5,7	4,7	1,0	12,6	22,3	4,2
oesophagus	1,9	1,6	0,3	4,1	7,8	1,0
stomach	10,4	6,2	4,2	22,9	29,4	17,3
rectum	9,0	4,6	4,4	19,8	22,0	17,8
larynx	2,4	2,3	0,1	5,2	10,8	0,4
trachea, bronchi, lungs	16,5	13,4	3,1	36,4	63,9	12,8
skin	23,3	9,6	13,7	51,4	45,7	56,2
mammary glands	16,6	0,1	16,5	36,5	0,6	67,2
womb	12,4	×	12,4	50,9 ¹	×	50,9
kidney	5,5	3,2	2,3	12,0	15,2	9,3
urine bladder	5,2	4,2	1,0	11,4	19,8	4,3
thyroid gland	3,0	0,5	2,5	6,6	2,5	10,1
lymphatic and hemogenic tissue	8,2	4,2	4,0	18,1	19,9	16,6

¹ Per 100 thsd. females

21.13. Incidence of mental illness

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total newly registered											
thsd.	128,9	135,6	129,0	113,6	108,0	112,6	115,1	106,8	107,4	105,9	103,4
per 100 thsd. population	250	264	262	242	232	243	250	233	235	233	228
Total registered at medical institutions, end of year											
thsd.	1178	1169	1202	1176	1179	1176	1176	1171	1169	1164	1161
per 100 thsd. population	2280	2288	2452	2516	2537	2545	2559	2558	2563	2561	2559

21.14. Incidence of active tuberculosis

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total newly registered											
thsd.	16,5	21,5	29,8	39,6	38,9	37,1	35,9	33,4	31,3	30,7	31,0 ¹
per 100 thsd. population	31,9	41,8	60,4	84,4	83,4	80,1	78,0	72,9	68,5	67,3	68,2
including active form of tuberculosis of respiratory organs											
thsd.	14,7	19,9	27,9	37,8	37,1	35,5	34,4	31,8	29,5	29,0	29,3
per 100 thsd. population	28,5	38,9	56,7	80,5	79,7	76,7	74,6	69,3	64,7	63,7	64,4
Total patients registered at medical institutions, end of year											
thsd.	98,3	99,5	122,9	103,2	99,2	93,2	88,8	84,0	78,6	70,7	61,7
per 100 thsd. population	190,2	194,8	250,6	220,7	213,6	201,8	193,1	183,5	172,5	155,6	136,1

¹ Among the persons newly registered as sick of active form of tuberculosis in 2012, 69% were males, and 95% were sick of respiratory tuberculosis

21.15. Incidence of active tuberculosis, by region*(total newly registered)*

	Persons						Per 100 thsd. population					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	16465	21459	29753	39608	31295	30958	31,9	41,8	60,4	84,4	68,5	68,2
Autonomous Republic of Crimea	548	747	1190	1743	1639	1497	26,1	34,2	57,2	88,0	83,8	76,6
oblasts												
Vinnitsya	726	668	999	1199	925	899	38,0	35,7	55,6	70,4	56,4	55,4
Volyn	308	469	611	714	580	534	29,0	43,7	58,0	68,7	56,1	51,5
Dnipropetrovsk	1120	1490	2329	2841	3140	3082	28,8	38,6	63,2	82,1	93,9	93,1
Donetsk	1496	2408	3364	4816	3570	3148	28,1	46,2	68,6	103,9	80,5	71,9
Zhytomyr	622	770	932	1295	978	880	41,0	52,1	65,7	96,8	76,2	69,2
Zakarpattia	479	420	616	737	744	726	38,2	32,8	48,3	59,2	59,8	58,1
Zaporizhzhya	670	949	1303	1736	1219	1243	32,1	45,7	65,6	92,9	67,5	69,5
Ivano-Frankivsk	500	591	837	1101	911	959	35,0	40,6	57,9	79,3	66,1	69,6
Kyiv	629	800	989	1244	988	1168	32,4	42,1	54,5	70,5	57,6	68,1
Kirovohrad	478	447	736	1184	823	775	38,8	36,7	64,0	110,7	81,7	78,1
Luhansk	899	1282	1997	2784	1904	1795	31,4	45,8	76,2	115,0	82,9	79,4
Lviv	870	1301	1748	2023	1678	1680	31,8	47,4	65,0	78,9	66,4	66,6
Mykolayiv	453	573	941	1365	1076	1028	33,9	42,6	72,9	111,5	90,7	87,5
Odesa	1091	1248	1720	2292	1842	2235	41,7	48,4	69,3	95,6	77,4	93,9
Poltava	495	532	830	879	789	889	28,2	30,5	49,9	56,5	53,1	60,7
Rivne	405	664	776	940	679	710	34,6	55,8	65,7	81,2	59,0	61,5
Sumy	425	585	724	724	597	651	29,8	41,8	54,7	58,7	51,3	56,8
Ternopil	379	516	509	756	594	561	32,4	44,0	44,3	67,9	54,8	52,2
Kharkiv	975	1321	1593	2563	1592	1359	30,7	42,8	54,3	90,8	58,0	49,8
Kherson	543	624	1122	1978	1167	1167	43,4	49,2	92,2	174,9	107,1	108,1
Khmelnyskiy	497	563	786	887	707	680	32,8	37,4	54,3	64,4	53,3	51,8
Cherkasy	490	546	730	931	769	800	32,1	36,2	50,7	69,2	59,8	63,0
Chernivtsi	266	355	428	512	443	438	28,3	37,5	45,8	56,5	49,2	48,5
Chernihiv	509	603	792	901	749	675	36,2	44,5	62,2	77,0	68,4	62,8
cities												
Kyiv	498	852	956	1228	950	1143	19,1	32,6	36,7	46,5	34,5	41,0
Sevastopol	94	135	195	235	242	236	23,4	33,0	50,1	62,4	63,9	62,0

21.16. Incidence of illnesses due to drug addiction

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total newly registered with psychological and behavioural disorders due to addiction to											
alcohol (alcoholism and alcohol psychoses)											
thsd.	66,1	63,6	51,8	57,0	53,9	59,0	60,2	48,3	42,7	40,7	39,4
per 100 thsd. population	128	124	105	122	116	127	131	105	94	89	87
narcotics (excluding alcohol) and other psychoactive materials (drug and toxin addiction)											
thsd.	3,4	12,3	11,7	6,9	6,4	5,8	6,0	6,3	6,3	5,9	5,5
per 100 thsd. population	6,6	24,0	23,9	14,7	13,6	12,5	13,0	13,7	13,7	12,9	12,2
Total sick of psychological and behavioural diseases registered at medical institutions, end of year											
due to alcohol addiction (alcoholism and alcohol psychoses)											
thsd.	760,4	736,2	687,7	650,2	643,2	636,6	633,5	618,8	607,5	597,8	585,0
per 100 thsd. population	1471	1441	1402	1391	1384	1378	1378	1352	1332	1315	1289
narcotics (excluding alcohol) and other psychoactive materials (drug and toxin addiction)											
thsd.	22,5	46,5	76,0	87,9	86,6	85,1	83,1	81,8	80,6	79,8	79,0
per 100 thsd. population	44	91	155	188	186	184	181	179	177	176	174

At the end of 2012, 211,0 thsd. persons were registered as those addicted to alcohol, narcotics and other psychoactive materials, including 105,9 thsd. were newly registered.

21.17. Incidence of venereal disease

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total newly registered											
Syphilis											
thsd.	3,1	61,0	45,2	19,8	16,1	13,9	11,6	9,2	7,5	6,4	5,3
per 100 thsd. population	6,0	119,0	91,9	42,2	34,5	30,0	25,1	20,1	16,3	14,2	11,7
Gonorrhoea											
thsd.	37,8	45,9	26,1	18,2	15,4	13,8	12,5	11,0	10,1	9,4	8,8
per 100 thsd. population	73,2	89,4	52,9	38,7	33,1	29,9	27,2	24,0	22,2	20,6	19,5
Total sick of syphilis registered at medical institutions, end of year											
thsd.	15,8	114,9	168,1	96,2	86,4	78,2	70,7	61,9	54,9	48,7	43,2
per 100 thsd. population	30,5	225,0	342,8	205,7	185,9	169,3	153,8	135,2	120,5	107,1	95,1

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21.18. Abortions

	1990	1995	2000	2001	2002	2003	2004	2005	2006 ¹	2007	2008	2009	2010	2011	2012
Total abortions ² , thsd.	1019	740	434	370	346	316	289	264	230	225	217	195	177	169	153
per 1000 women aged 15–49	82,6	58,2	34,1	29,4	27,6	25,3	23,2	21,3	18,7	18,5	18,1	16,4	15,1	14,7	13,5
per 100 deliveries (including still- born)	155	150	113	98	89	77	68	62	51	48	43	38	36	34	30

¹ According to data from the Ministry of Health Care of Ukraine² Includes mini abortions conducted by applying vacuum aspiration during the first weeks of pregnancy**21.19. Industrial injuries**

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Thsd.											
Number of accident victims that resulted in loss of labour capacity for one or more days and fatal accidents victims	139,6	80,5	34,3	21,2	19,7	18,8	16,5	12,8	12,2	10,9	10,1 ¹
including fatal accidents	2,6	2,1	1,2	1,0	1,0	1,1	0,9	0,6	0,6	0,6	0,6
Total person-days of disability	3182	2122	...	769	746	706	653	505	492	444	412
Per 1000 employees											
Number of accident victims that resulted in loss of labour capacity for one or more days and fatal accidents victims	6,2	4,5	2,6	1,8	1,7	1,6	1,4	1,2	1,2	1,1	1,0
including fatal accidents	0,117	0,116	0,095	0,084	0,083	0,093	0,080	0,055	0,056	0,058	0,057
Total person-days of disability	140,7	118,2	...	65,7	63,6	61,6	56,7	46,8	47,4	43,3	39,9
Per 1 injured											
Total person-days of disability	22,8	26,4	...	36,3	37,8	37,6	39,6	39,6	40,2	40,7	41,0

¹ Therefore, 0,4 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 2012, traumas unrelated to production caused injuries of 2,0 thsd. persons, of which death of 0,7 thsd. persons; loss of 39 thsd. person-days of work, 19,5 person-days per injured person.

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21.20. Industrial injuries, by region

	Thsd.						Per 1000 employees					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	139,6	80,5	34,3	21,2	12,2	10,1	6,2	4,5	2,6	1,8	1,2	1,0
Autonomous Republic of Crimea	3,0	1,0	0,5	0,4	0,3	0,3	2,9	1,4	1,1	1,0	0,6	0,7
oblasts												
Vinnitsya	3,5	1,6	0,5	0,5	0,3	0,2	4,2	2,3	1,0	1,2	0,8	0,8
Volyn	2,0	1,2	0,6	0,5	0,2	0,2	4,4	3,4	2,1	2,1	1,2	0,9
Dnipropetrovsk	8,3	5,9	2,5	1,9	1,0	0,9	5,0	3,9	2,3	1,7	1,0	0,9
Donetsk	40,1	31,5	12,9	6,4	4,4	3,4	17,3	16,7	9,3	5,0	3,9	3,3
Zhytomyr	2,7	1,4	0,4	0,4	0,2	0,2	4,1	2,6	0,9	1,3	0,9	0,7
Zakarpattia	1,0	0,2	0,2	0,1	0,1	0,1	2,0	0,6	0,7	0,5	0,3	0,3
Zaporizhzhya	5,4	2,4	1,0	0,8	0,4	0,4	5,6	2,9	1,6	1,5	0,9	0,9
Ivano-Frankivsk	1,2	0,4	0,2	0,3	0,1	0,1	2,1	0,9	0,6	1,0	0,4	0,5
Kyiv	4,0	1,5	0,4	0,4	0,2	0,3	5,3	2,7	1,0	1,1	0,7	0,6
Kirovohrad	3,2	1,4	0,6	0,4	0,2	0,1	5,8	3,1	1,9	1,5	0,9	0,6
Luhansk	20,7	12,7	6,3	3,0	1,7	1,2	16,1	12,6	9,1	4,8	3,4	2,4
Lviv	2,7	1,6	1,8	0,8	0,4	0,3	2,2	1,6	2,5	1,3	0,8	0,6
Mykolayiv	2,7	1,4	0,5	0,3	0,1	0,1	4,4	2,7	1,4	1,1	0,6	0,4
Odesa	5,0	1,5	0,5	0,5	0,2	0,2	4,4	1,8	1,0	0,8	0,4	0,4
Poltava	4,0	1,9	0,7	0,5	0,3	0,2	4,9	3,0	1,4	1,2	0,8	0,7
Rivne	2,3	1,0	0,2	0,2	0,1	0,1	4,7	2,3	0,8	0,9	0,7	0,6
Sumy	4,3	2,0	0,7	0,6	0,2	0,2	6,5	3,7	1,8	2,0	1,0	0,8
Ternopil	1,8	0,7	0,2	0,2	0,1	0,1	3,6	1,8	0,6	0,7	0,4	0,4
Kharkiv	7,1	2,5	0,9	0,8	0,4	0,3	5,3	2,3	1,1	1,1	0,7	0,5
Kherson	3,0	1,3	0,4	0,3	0,1	0,1	5,3	3,0	1,5	1,2	0,7	0,5
Khmelnyskiy	2,4	1,2	0,5	0,3	0,2	0,2	3,4	2,1	1,2	1,0	0,7	0,7
Cherkasy	2,2	1,0	0,4	0,3	0,2	0,1	3,2	1,7	0,9	0,9	0,7	0,5
Chernivtsi	0,9	0,3	0,1	0,1	0,1	0,1	2,4	1,0	0,4	0,6	0,4	0,4
Chernihiv	3,1	1,6	0,5	0,3	0,1	0,1	5,2	3,2	1,3	1,1	0,6	0,6
cities												
Kyiv	3,0	1,1	0,7	0,8	0,5	0,5	2,3	1,4	1,1	0,8	0,5	0,4
Sevastopol	...	0,2	0,1	0,1	0,1	0,1	...	1,5	1,3	1,8	0,8	0,8

21.21. Industrial deaths, by region

	Persons						Per 1000 employees					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Ukraine	2640	2083	1239	989	580	587	0,117	0,116	0,095	0,084	0,056	0,057
Autonomous Republic of Crimea	104	57	44	30	22	12	0,102	0,084	0,089	0,068	0,054	0,031
oblasts												
Vinnitsya	133	85	37	22	9	22	0,159	0,124	0,074	0,059	0,028	0,070
Volyn	45	41	22	13	12	11	0,099	0,114	0,083	0,057	0,061	0,058
Dnipropetrovsk	188	169	75	92	55	49	0,112	0,112	0,070	0,085	0,057	0,049
Donetsk	386	356	216	177	121	114	0,166	0,189	0,156	0,137	0,108	0,110
Zhytomyr	67	46	29	21	17	14	0,104	0,087	0,075	0,067	0,063	0,054
Zakarpattia	41	25	13	13	11	8	0,087	0,069	0,051	0,063	0,056	0,039
Zaporizhzhya	101	74	52	49	20	31	0,104	0,091	0,083	0,089	0,042	0,070
Ivano-Frankivsk	50	39	14	14	7	10	0,084	0,093	0,045	0,057	0,031	0,046
Kyiv	89	64	32	41	13	23	0,116	0,111	0,075	0,104	0,037	0,057
Kirovohrad	58	46	31	23	7	13	0,104	0,101	0,102	0,085	0,032	0,060
Luhansk	212	195	202	84	64	65	0,165	0,192	0,290	0,138	0,124	0,126
Lviv	121	69	36	47	30	18	0,100	0,071	0,049	0,084	0,056	0,035
Mykolayiv	67	57	23	19	9	9	0,108	0,112	0,064	0,065	0,036	0,036
Odesa	140	115	64	48	18	20	0,123	0,137	0,118	0,083	0,033	0,037
Poltava	95	77	31	27	21	15	0,117	0,122	0,064	0,061	0,058	0,041
Rivne	58	31	20	12	8	14	0,119	0,073	0,073	0,048	0,038	0,073
Sumy	83	50	37	24	12	14	0,127	0,094	0,094	0,081	0,050	0,060
Ternopil	56	46	21	18	11	9	0,114	0,112	0,073	0,091	0,064	0,050
Kharkiv	139	111	54	48	18	24	0,104	0,103	0,067	0,066	0,029	0,040
Kherson	72	61	34	15	9	9	0,125	0,137	0,115	0,068	0,050	0,047
Khmelnyskiy	84	59	35	28	16	14	0,118	0,105	0,079	0,087	0,067	0,062
Cherkasy	88	54	19	14	9	10	0,130	0,096	0,047	0,047	0,034	0,039
Chernivtsi	37	19	10	4	5	8	0,098	0,066	0,050	0,024	0,034	0,057
Chernihiv	56	52	36	23	11	5	0,093	0,102	0,101	0,081	0,048	0,022
cities												
Kyiv	70	73	46	76	40	42	0,053	0,093	0,069	0,077	0,038	0,036
Sevastopol	...	12	6	7	5	4	...	0,109	0,072	0,097	0,078	0,061

21.22. Disabled persons, by region*(beginning of 2013)*

	Total	Including				Per 1000 population
		1 st group	2 nd group	3 rd group	disabled children	
Ukraine	2788226	298199	1054449	1268519	167059	61
Autonomous Republic of Crimea	126683	13231	58820	48817	5815	65
oblasts						
Vinnitsya	115063	14356	36057	58037	6613	71
Volyn	76285	9134	28468	33322	5361	74
Dnipropetrovsk	167625	16596	55499	84049	11481	51
Donetsk	266135	26271	85292	140469	14103	61
Zhytomyr	98301	13998	39278	39291	5734	77
Zakarpattia	68600	6230	23134	33379	5857	55
Zaporizhzhya	98802	10510	36303	45823	6166	55
Ivano-Frankivsk	92695	8476	33947	43786	6486	67
Kyiv	109931	11706	52137	38957	7131	64
Kirovohrad	56555	5280	19920	27627	3728	57
Luhansk	117693	12731	44929	53060	6973	52
Lviv	186303	17246	54914	103749	10394	74
Mykolayiv	65037	6755	20993	32703	4586	55
Odesa	149297	16679	73387	51925	7306	63
Poltava	88460	9720	35374	38538	4828	61
Rivne	71479	6596	22957	35410	6516	62
Sumy	60256	7701	21909	27156	3490	53
Ternopil	61663	6988	20422	29763	4490	57
Kharkiv	149945	12724	63979	64686	8556	55
Kherson	51260	5233	16697	25915	3415	48
Khmelnyskiy	116368	13043	41687	56077	5561	89
Cherkasy	95146	11149	35680	43981	4336	75
Chernivtsi	49765	4890	17607	23304	3964	55
Chernihiv	81156	12738	30790	33726	3902	76
cities						
Kyiv	148646	16179	75025	48316	9126	53
Sevastopol	19077	2039	9244	6653	1141	50

21.23. Persons declared disabled for the first time in 2012, by disease

	Thsd.		Percent		Per 10 thsd. population	
	total ¹	including of working age	total ¹	including of working age	total ¹	including of working age ²
Total	171,8	136,5	100	100	46	52
due to the following diseases						
infectious and parasitic diseases	9,4	9,2	5,4	6,7	2	4
neoplasm	35,7	25,8	20,8	18,9	10	10
endocrine system, nutrition and metabolic disorders	7,3	5,6	4,3	4,1	2	2
blood and hemogenic organs and selected disorders involving the immunity	0,3	0,3	0,2	0,2	0	0
psychological and behavioural disorders	9,7	9,0	5,7	6,6	3	3
nervous system	8,8	7,8	5,1	5,8	2	3
eyes and eye adventive organ	6,5	4,9	3,8	3,6	2	2
ears and mamillary appendix	1,1	1,0	0,6	0,8	0	0
blood circulation	40,2	26,7	23,4	19,5	11	10
respiratory organs	4,5	3,8	2,6	2,8	1	1
digestion organs	4,4	4,1	2,5	3,0	1	2
urogenital system	2,5	2,2	1,5	1,6	1	1
bony and muscle systems and connective tissue	18,7	15,2	10,9	11,1	5	6
traumas, poisoning and consequences of other external reasons, other reasons	22,7	20,9	13,2	15,3	6	8

¹ Population aged 18 and older² All population of working age

Of total number of the injured, 4,6 thsd. persons were recognised disabled due to a work related injury or an occupational disease, of whom 3,9 thsd. (85,9%) were of working age.

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21.24. Persons declared disabled for the first time, by region*(population aged 18 and older)*

	Thsd.								Per 10 thsd. population			
	total				including in rural area							
	1995	2000	2005	2012	1995	2000	2005	2012	1995	2000	2005	2012
Ukraine	261,2	215,2	212,2	171,8	71,4	62,6	64,9	55,5	65	54	56	46
Autonomous Republic of Crimea	14,8	13,1	11,3	7,1	4,2	4,0	4,0	2,3	87	77	70	44
oblasts												
Vinnitsya	8,1	7,6	7,8	7,1	4,0	3,5	3,6	3,3	55	53	58	54
Volyn	6,0	4,7	4,0	3,7	2,5	1,9	1,8	1,7	74	58	50	46
Dnipropetrovsk	19,7	15,7	15,5	11,7	2,5	2,0	2,0	1,7	64	52	55	42
Donetsk	32,7	21,5	24,4	16,3	3,6	2,8	2,7	2,6	78	53	63	44
Zhytomyr	7,6	7,4	6,3	4,8	3,2	3,0	2,5	2,0	65	65	59	47
Zakarpattia	3,5	3,4	5,3	4,2	2,1	2,1	3,7	2,9	37	35	57	44
Zaporizhzhya	11,1	8,1	7,9	7,5	1,9	1,6	1,5	1,4	68	50	52	50
Ivano-Frankivsk	4,7	5,7	5,5	4,6	2,3	2,8	3,1	2,5	43	51	51	42
Kyiv	10,8	7,4	7,1	6,9	4,2	2,8	2,8	2,6	72	50	50	49
Kirovohrad	6,3	4,7	4,6	4,3	2,4	1,7	1,6	1,7	66	51	54	53
Luhansk	11,5	9,8	10,6	8,6	2,3	2,0	2,6	1,3	51	45	53	45
Lviv	15,6	13,1	11,3	10,8	4,2	4,6	4,3	4,5	74	61	56	53
Mykolayiv	5,0	5,3	6,2	4,7	1,4	1,6	2,0	1,5	48	52	63	48
Odesa	12,6	11,8	12,9	8,7	3,7	4,3	4,7	3,4	62	59	67	45
Poltava	8,9	7,7	6,6	6,4	3,5	3,1	2,6	2,5	64	57	52	52
Rivne	6,3	5,5	5,0	4,5	3,3	2,7	2,5	2,4	71	61	57	52
Sumy	7,8	5,6	3,9	3,7	2,6	1,6	1,1	1,0	70	52	39	38
Ternopil	4,0	3,5	4,9	4,0	2,0	1,7	2,8	2,3	44	38	56	47
Kharkiv	14,5	12,0	9,9	9,0	2,9	2,2	1,7	1,7	58	49	42	39
Kherson	6,0	4,6	5,0	3,8	1,8	1,5	1,9	1,3	62	48	55	43
Khmelnyskiy	6,3	6,0	5,7	5,4	2,5	2,5	2,4	3,4	53	51	52	50
Cherkasy	7,7	7,0	6,2	4,2	3,0	2,5	2,4	1,7	64	60	57	40
Chernivtsi	3,0	3,3	4,0	3,5	1,5	1,6	2,3	2,1	42	45	57	48
Chernihiv	8,9	6,4	5,7	4,8	3,7	2,4	2,2	1,6	81	61	59	53
cities												
Kyiv	16,1	12,5	12,5	9,9	—	—	—	—	78	58	56	43
Sevastopol	1,7	1,8	2,1	1,6	0,05	0,1	0,1	0,1	53	57	68	50

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

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total care homes	274	280	275	314	314	316	319	320	321	322	325	323	324	324
in which beds, thsd.	61,9	58,1	53,0	55,1	55,8	56,5	57,1	57,9	58,1	58,8	58,6	58,4	58,4	58,1
for aged and disabled adults	50,6	47,9	43,8	46,1	46,8	47,6	48,3	49,1	49,5	50,5	50,4	50,3	50,4	50,2
for disabled children	11,3	10,2	9,2	9,0	9,0	8,9	8,8	8,8	8,6	8,3	8,2	8,1	8,0	7,9

In 2012, 732 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 1525,0 thsd. persons.

21.26. Care homes for the aged and disabled (adults and children), by region

	Total care homes					In which beds				
	1990	1995	2000	2005	2012	1990	1995	2000	2005	2012
Ukraine	274	280	275	319	324	61883	58068	52997	57124	58385
Autonomous Republic of Crimea	6	7	10	10	11	1490	1704	1802	1932	1977
oblasts										
Vinnitsya	10	10	10	10	10	2124	2041	2041	2041	2041
Volyn	6	7	6	6	6	980	1015	915	915	825
Dnipropetrovsk	18	19	18	18	18	4740	4460	3720	3716	3971
Donetsk	19	18	17	19	21	6265	5707	5185	5914	6234
Zhytomyr	13	12	12	15	15	2680	2425	2249	2644	2606
Zakarpattya	9	9	7	7	7	1721	1721	1396	1422	1311
Zaporizhzhya	12	12	11	11	11	2725	2570	2240	2390	2679
Ivano-Frankivsk	8	8	8	8	9	1610	1360	1325	1325	1440
Kyiv	7	9	9	12	11	1445	1592	1699	1982	2026
Kirovohrad	12	12	12	12	12	2341	2065	1590	1885	1855
Luhansk	14	14	14	19	20	3475	3138	2616	3268	3528
Lviv	15	13	13	13	13	2985	1966	1650	1748	1823
Mykolayiv	10	10	10	10	10	1805	1481	1417	1542	1553
Odesa	10	10	10	10	10	2301	2277	2149	2140	2164
Poltava	13	14	14	14	14	2865	2965	2600	2675	2465
Rivne	6	6	7	7	7	1370	1275	1165	1151	1213
Sumy	14	13	13	13	13	2604	2087	1957	2011	1992
Ternopil	7	7	7	7	7	1376	1276	1276	1276	1276
Kharkiv	16	16	16	18	18	3675	3675	3675	3660	3353
Kherson	6	6	6	11	11	1755	1651	1443	1650	1688
Khmelnyskiy	8	9	7	31	31	1390	1210	1095	2027	2025
Cherkasy	13	15	14	14	14	2245	2370	2205	2225	2307
Chernivtsi	5	7	7	7	7	1175	1275	935	871	1140
Chernihiv	10	9	9	9	9	2316	2085	1975	2028	2007
cities										
Kyiv	6	7	7	7	8	2255	2507	2507	2507	2707
Sevastopol	1	1	1	1	1	170	170	170	179	179

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21.27. Cash benefits to low-income persons incapable of working in 2012*(source: by Pension Fund of Ukraine; end of year)*

	Number of persons entitled to benefits, thsd.		Average amount of monthly benefit per person, UAH
	total	including in rural areas	
Total	480,4	207,2	43,75
of which pensioners			
due to disability	42,0	19,1	55,19
survivors who lost their benefactor	0,5	0,2	41,83
those receiving social pension	59,2	28,9	37,07
Of the total, single pensioners	20,3	7,7	57,81

21.28. Cash and in-kind assistance to persons who are in complicated real-life situation in 2012*(provided by social protection agencies, charity organisations and other establishments)*

	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	790,4	396,5	136,2	564,6	401,53	110,66
of which						
old-age persons, disables, patients who have no relations	496,6	242,2	84,7	393,2	203,16	338,60
persons who enjoy special conditions of free service	91,9	39,7	18,3	60,1	384,06	91,35
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	27,4	15,2	9,2	26,6	308,78	271,17

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.

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21.29. Selected boarding schools and institutions for social protection of children*(end of year)*

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Boarding schools for orphans and children deprived of parents' guardianship institutions enrolment ²	44	54	55	53	51	78	77	72	64
Children's homes institutions	12254	11954	10553	9145	7926	10697	10135	9269	7933
of which by system the Ministry of Education and Science, Youth and Sport of Ukraine enrolment ²	83	109	114	115	115	114	113	107	94
of which by system the Ministry of Education and Science, Youth and Sport of Ukraine	82	105	110	111	110	111	110	104	91
Homes of the child under the Ministry of Health Care of Ukraine institutions enrolment ²	5552	6434	6119	5918	5486	5154	4771	4332	3458
Children care homes under the Ministry of Social Policy of Ukraine institutions enrolment ²	5535	6341	6025	5818	5378	5070	4686	4244	3371
Shelters for minors institutions children ^{2, 3}	46	48	48	48	49	48	48	48	46
	4969	5200	4946	4398	3951	3704	3666	3507	3200
	58	56	56	56	55	55	55	55	55
	7977	7475	7304	7158	7125	6937	6879	6888	6799
	86	96	95	95	94	90	88	87	66
	27773	23674	21221	20593	17780	14242	11978	11107	7298

¹ Since 2009 to the number of boarding schools for orphans and children deprived of parents' guardianship was included the number of special boarding schools

² The total number of children who are in boarding institutions, excluding orphans, include children that have parents

³ Were during the reporting year

At the end of 2012, 4932 children resided at 740 family type children's homes, 6819 in 3856 foster homes, during 2012, and 5631 in 62 centres of social and psychological rehabilitation.

21.30. Adopted orphans and children deprived of parents' guardianship*(persons)*

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Quantity of adopted children during the year	7692	5241	4318	5229	5261	5274	4865	4416	4079
Ukrainian citizens, total	5492	3085	3184	3528	3644	3823	3616	3412	3241
from orphans and children deprived of parental guardianship	2043	1419	1477	1784	2066	2374	2247	2114	2016
from children living with one of the parents and adopted either by step-father or step-mother	3449	1666	1707	1744	1578	1449	1369	1298	1225
Adopted by foreigners, total	2200	2156	1134	1701	1617	1451	1249	1004	838
from orphans and children deprived of parental guardianship	2200	2110	1092	1670	1587	1428	1202	970	806
from children living with one of the parents and adopted either by step-father or step-mother	...	46	42	31	30	23	47	34	32
Orphans and children deprived of parental guardianship by the end of year, total	...	97829	102912	102924	103542	100787	98119	95956	92865

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

(source: the Ministry of Social Policy of Ukraine)

	Children who were in centres of social and psychological rehabilitation			Children who were in shelter-care facilities		
	2006	2010	2012	2006	2010	2012
Total	15109	3426	5631	21221	11978	7298
town-dwellers	12534	1902	3372	12588	6591	3930
rural dwellers	2575	1524	2259	8633	5387	3368
boys	10217	1943	2998	13429	6939	3816
girls	4892	1483	2633	7792	5039	3482
Have complete family	8682	993	1390	5083	2995	1867
Have incomplete family	5689	1629	2951	11142	7598	4628
Children from families where parents evade their responsibilities	438	528	1719	×	×	×
Orphans and children deprived of parents guardianship						
those at boarding schools, children's houses, professional training institutions	116	343	215	4200	758	253
those sent to centres to settle their affairs	134	390	769	×	×	×
those who live in family-type children's homes	×	×	×	36	59	60
those who live in tutors' family or with curators	460	71	306	760	568	490
Those in centres or shelter-care facilities due to ¹						
difficult life circumstances	14465	2683	3477	×	×	×
absence of family environment	331	308	1307	×	×	×
transition from shelter-care facilities for children	257	428	815	×	×	×
cruel behaviour	56	7	32	×	×	×
vagrancy, without care, mendicancy	×	×	×	11735	×	×
conflicts with counterparts, adults at educational institutions	×	×	×	1768	×	×
physical abuse	×	×	×	195	75	50
mental violence	×	×	×	44	9	13
sexual violence	×	×	×	24	×	×
child's individual application	13388	2031	868	1809	905	450
withdrawal from family	×	×	×	5018	5715	4297
find on to street	×	×	×	510	435	178
violation of the rights to housing and property	×	×	×	104	×	×
involvement into the worst labour, sexual violence and as victims of human trafficking	×	×	×	14	10	7
leaving family without permission	×	×	×	×	3762	1891
leaving boarding school without permission	×	×	×	×	661	182
transferring from other shelters	×	×	×	×	225	124
delivering from accepting and distribution center	×	×	×	×	65	22
delivering from health care institution	×	×	×	×	190	144
returning from prison	×	×	×	×	20	10
economic violence	×	×	×	×	31	42
Got into shelter-care facilities several times	×	×	×	2118	701	349

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

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21.32. Subsidies to the population in 2012, by region

	Compensation of payments for			
	housing and communal utilities		gas and fuel	
	total families entitled to subsidies, thsd.	total subsidies accrued, UAH thsd.	total families entitled to subsidies, thsd.	total subsidies accrued, UAH thsd.
Ukraine	1845,3	292416,7	295,8	244647,0
Autonomous Republic of Crimea	48,6	5440,0	12,6	12317,2
oblasts				
Vinnitsya	72,2	10189,6	37,0	28134,1
Volyn	30,2	4651,2	7,2	5326,8
Dnipropetrovsk	140,9	22101,8	5,2	4335,8
Donetsk	262,6	41810,6	11,8	9956,4
Zhytomyr	56,2	6568,6	20,7	15135,7
Zakarpattia	18,5	3912,4	8,2	7773,2
Zaporizhzhya	72,1	10541,1	8,7	7810,6
Ivano-Frankivsk	41,8	10376,9	6,5	5386,9
Kyiv	65,5	11238,7	5,5	3767,9
Kirovohrad	58,6	6841,7	21,3	18606,8
Luhansk	101,3	17708,1	4,6	4136,5
Lviv	68,4	14376,2	4,3	3992,8
Mykolayiv	27,8	2416,2	9,6	8336,2
Odesa	46,2	5106,8	16,0	16283,5
Poltava	68,1	11214,9	5,1	3521,8
Rivne	33,2	6531,7	8,9	6156,8
Sumy	100,5	15498,9	17,6	14158,3
Ternopil	32,0	5608,9	5,3	4446,9
Kharkiv	174,7	32281,1	9,6	7578,9
Kherson	33,3	3884,4	12,5	12820,0
Khmelnyskiy	51,7	8225,7	13,7	10111,1
Cherkasy	77,4	12095,0	19,4	14175,5
Chernivtsi	15,7	1613,1	8,6	7768,7
Chernihiv	67,3	8676,6	15,7	12423,1
cities				
Kyiv	75,5	13136,3	0,0	10,9
Sevastopol	5,0	370,2	0,2	174,6

22. 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, television and radio broadcasting companies, 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).

Exhibition centres are institutions whose main activity is to organise exhibitions, and provide services related to the design and conduct of exhibitions (fairs). Exhibition centers should employ qualified staff and have relevant material and technical base (special exhibition areas and equipment). They can lease these areas and equipment for exhibitions and fairs to be held.

Organisers of exhibitions are enterprises that according to their statute are engaged in the design of exhibitions on the budget, commercial or mixed basis.

Exhibitions are activities associated with demonstration of products and services to be promoted on the domestic and international market with the purpose of studying the situation on the market.

Fairs are activities directly connected with trade (retail or wholesale) that are carried out in a specific place at the fixed dates.

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.

CULTURE, LEISURE, SPORT AND TOURISM

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.

Excursion participants are persons

who take organised tours in Ukraine. The duration of tours should not exceed 24 hours. An excursion trip ought to be conducted by a guide who shows people the specially tailored way to particular places and explains their points of interest in order to get them acquainted with historical, cultural, natural monuments, museums, significant sites, etc.

22.1. Basic institutions of culture and art in 1913–2012

	Theatres	Museums	Libraries	Cinemas	Club-houses
1913	47	36	3153	265 ¹	...
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
2001	129	386	20400	6046	20199
2002	131	376	20380	5261	19896
2003	135	394	20283	4050	19620
2004	133	422	19960	3553	19384
2005	135	437	19821	3330	19149
2006	137	445	19751	3163	19011
2007	138	458	20804	2959	18888
2008	138	478	20628	2417	18790
2009	136	499	20057	2153	18718
2010	140	546	19487	2196	18593
2011	133	570	19326	2206	18537
2012	132	592	19216	1708	18476

¹ At the end of 1914

CULTURE, LEISURE, SPORT AND TOURISM

22.2. Theatres, concert organisations and museums

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total theatres	125	136	131	129	131	135	133	135	137	138	138	136	140	133	132
opera and ballet	7	7	6	6	7	7	7	7	7	7	7	7	7	7	7
drama and musical comedy, miniatures	82	89	87	85	86	89	85	88	89	90	90	89	92	87	86
children's and puppet	36	40	38	38	38	39	41	40	41	41	41	40	41	39	39
Attendance of theatres per year, mln.	17,6	8,3	5,7	5,9	6,2	6,1	6,0	6,2	6,3	6,6	7,0	6,2	6,6	6,7	6,7
Total concert organisations	44	53	61	61	67	71	77	78	81	79	77	77	83	82	88
Number of listeners at concerts per year, mln.	15,0	7,3	3,8	4,6	6,6	4,0	4,9	4,4	4,1	4,2	4,0	3,8	4,2	4,1	4,6
Total museums	214	314	378	386	376	394	422	437	445	458	478	499	546	570	592 ¹
Attendance of museums per year, mln.	31,8	17,4	16,0	17,1	17,5	17,6	18,5	18,9	20,2	21,1	21,9	20,8	21,7	21,8	22,4

¹ In 2012, of the total number of museums 219 were complex museums, 192 history, 79 art criticism and art museums, 55 of literary museums

At the end of 2012, according to the state register there were 143 thsd. immovable historical and cultural monuments, of which 72 thsd. monuments of archeology, 53 thsd. monuments of history, 3 thsd. monuments of monumental art, 15 thsd. monuments of urban construction and architecture, 324 of garden art, 5 of landscape and 37 of science and technics.

22.3. Libraries, cinemas and cultural institutions

	Total						Including in rural areas					
	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
Total libraries, thsd.	25,6	23,8	20,7	19,8	19,5	19,2	18,7	18,0	15,7	15,1	14,9	14,7
Library stocks, mln. copies	419	370	343	330	326	315	188	168	151	146	138	131
Cinemas, thsd.	27,2	16,1	6,9	3,3	2,2	1,7	22,2	13,6	5,9	2,5	1,6	1,2
Number of spectators at film shows per year, mln.	552	36	6	10	9	16	200	15	2	1	0,4	0,3
Club-houses, thsd.	25,1	23,0	20,4	19,1	18,6	18,5	21,0	19,8	17,7	16,8	16,5	16,4
total seats, mln.	6,5	5,9	5,4	5,0	4,7	4,7	4,8	4,6	4,3	4,0	3,9	3,8

22.4. Cultural and arts institutions in 2012, by region

	Theatres	Museums	Libraries		Cinemas ¹		Club-houses	
			total	of which in rural areas	total	of which in rural areas	total	of which in rural areas
Ukraine	132	592	19216	14673	1708	1185	18476	16396
Autonomous Republic of Crimea	7	34	778	520	75	25	631	513
oblasts								
Vinnitsya	2	19	995	846	222	184	1138	1034
Volyn	2	17	605	489	11	2	671	624
Dnipropetrovsk	13	23	809	465	22	2	596	491
Donetsk	5	26	976	368	26	1	646	405
Zhytomyr	2	18	930	797	15	—	1087	1009
Zakarpattia	4	14	499	424	12	4	469	435
Zaporizhzhya	5	22	578	380	59	34	447	373
Ivano-Frankivsk	4	24	771	648	158	135	723	659
Kyiv	2	24	897	768	—	—	842	776
Kirovohrad	2	31	587	465	29	13	597	529
Luhansk	5	19	726	371	14	2	556	383
Lviv	9	25	1361	1146	50	21	1410	1278
Mykolayiv	3	10	518	402	20	4	540	489
Odesa	7	11	876	693	12	—	737	681
Poltava	2	36	809	689	29	6	858	792
Rivne	2	13	607	498	34	20	678	634
Sumy	2	17	590	466	11	3	634	561
Ternopil	2	29	911	806	120	109	923	869
Kharkiv	7	33	843	615	114	94	695	610
Kherson	2	9	524	365	73	32	453	402
Khmelnyskiy	3	24	944	820	223	203	1176	1088
Cherkasy	2	26	740	655	150	123	744	688
Chernivtsi	3	8	402	343	127	109	385	347
Chernihiv	4	31	735	620	71	51	775	709
cities								
Kyiv	27	44	143	—	16	—	32	—
Sevastopol	4	5	62	14	15	8	33	17

¹ In 2012, based on data from the Ministry of Culture of Ukraine, of the total number of 798 cinemas actually were functional: 388 in urban areas and 410 in rural areas

22.5. Availability of cultural institutions, by region*(per 100 population)*

	Library stocks, items				Seats in cinemas				Seats in club-houses			
	1990	1995	2000	2012	1990	1995	2000	2012	1990	1995	2000	2012
Ukraine	806	715	693	692	11	7	4	1	13	12	11	10
Autonomous Republic of Crimea	725	654	658	621	14	5	1	1	13	9	10	9
oblasts												
Vinnitsya	1107	1082	1057	1000	16	10	11	7	22	21	21	21
Volyn	897	795	718	655	14	10	2	1	19	16	14	14
Dnipropetrovsk	657	582	557	638	7	2	1	0,3	8	7	6	5
Donetsk	587	543	533	582	7	3	1	0,2	6	6	5	5
Zhytomyr	945	864	841	799	14	11	4	0,3	21	20	19	20
Zakarpattia	781	678	591	488	9	6	5	0,2	13	11	10	8
Zaporizhzhya	666	583	551	541	12	7	2	0,6	11	9	9	8
Ivano-Frankivsk	830	687	667	592	10	7	7	2	13	12	12	12
Kyiv	760	690	654	578	11	7	4	—	13	13	12	12
Kirovohrad	987	890	860	811	16	12	2	1	19	18	18	18
Luhansk	580	521	481	564	8	4	0,4	0,2	7	7	6	6
Lviv	789	598	548	746	9	6	2	0,4	11	10	10	10
Mykolayiv	882	836	801	727	13	3	2	1	15	13	13	13
Odesa	975	838	842	877	9	7	6	0,3	10	11	10	8
Poltava	922	840	821	792	16	13	8	0,4	17	17	17	15
Rivne	956	806	769	1109	12	7	4	0,5	15	14	13	12
Sumy	931	829	785	730	14	7	3	0,2	17	16	16	15
Ternopil	1030	778	744	751	14	13	4	1	20	19	18	18
Kharkiv	903	757	822	743	7	5	1	2	9	8	7	7
Kherson	728	652	644	737	15	10	8	2	15	14	12	11
Khmelnyskiy	1073	1047	1024	824	16	13	6	4	24	23	23	24
Cherkasy	1012	903	952	837	17	13	11	3	19	18	18	18
Chernivtsi	912	786	734	651	11	9	8	4	14	12	12	11
Chernihiv	935	914	922	938	15	13	9	2	18	18	17	18
cities												
Kyiv	566	497	418	382	2	1	1	0,3	2	1	0,4	0,5
Sevastopol	609	599	2	1	3	3

CULTURE, LEISURE, SPORT AND TOURISM

22.6. Attendance at cultural and arts institutions, by region

(per 100 population)

	Museums				Theatres				Concerts				Shows of movie demonstrators			
	1990	1995	2000	2012	1990	1995	2000	2012	1990	1995	2000	2012	1990	1995	2000	2012
Ukraine	61	34	32	49	34	16	11	15	29	14	8	10	1064	69	12	35
Autonomous Republic of Crimea	308	89	90	126	33	21	14	17	69	22	16	19	1537	40	13	37
oblasts																
Vinnitsya	31	19	31	41	20	9	8	9	21	8	7	6	1083	83	15	22
Volyn	21	15	8	22	28	19	13	12	33	17	9	7	1088	65	4	16
Dnipropetrovsk	29	22	21	23	34	16	9	16	16	6	1	2	989	26	2	49
Donetsk	16	15	15	20	17	10	9	12	16	28	18	18	835	157	6	14
Zhytomyr	15	9	7	16	25	19	8	9	19	11	3	9	1148	128	14	16
Zakarpattia	28	14	13	34	37	24	16	11	12	10	7	10	1054	38	5	6
Zaporizhzhya	25	28	23	37	25	11	5	9	33	19	10	2	1155	33	9	18
Ivano-Frankivsk	44	14	22	35	17	7	9	10	22	6	1	5	1023	46	4	11
Kyiv	28	20	14	24	7	2	0,3	5	59	3	5	1	842	54	11	—
Kirovohrad	9	9	9	30	28	18	10	11	22	14	11	11	1263	75	11	5
Luhansk	33	25	19	22	20	7	7	10	31	10	3	3	850	35	3	20
Lviv	81	41	39	74	72	22	13	18	16	6	5	13	1011	48	6	25
Mykolayiv	26	24	24	29	39	30	20	19	22	9	4	4	1060	29	9	38
Odesa	78	44	31	26	52	29	18	24	26	6	6	12	1054	70	25	80
Poltava	61	47	43	42	21	8	5	7	23	2	7	3	1235	118	15	24
Rivne	33	21	11	22	34	11	8	12	31	6	4	4	1259	65	7	9
Sumy	16	9	7	22	26	8	14	10	18	7	1	4	1174	65	12	19
Ternopil	47	36	36	41	21	11	7	10	26	5	1	9	1168	90	16	23
Kharkiv	21	11	17	32	27	13	11	14	21	12	3	9	776	55	18	59
Kherson	21	22	24	9	25	20	14	15	37	97	4	3	1452	50	20	13
Khmelnyskiy	27	10	14	33	21	15	7	12	11	13	2	11	1124	70	20	21
Cherkasy	46	50	47	66	23	14	8	7	19	7	5	14	1352	56	15	33
Chernivtsi	18	28	29	30	31	16	5	8	48	16	11	12	1097	133	34	32
Chernihiv	46	64	39	82	30	16	11	18	23	11	2	16	1072	112	12	7
cities																
Kyiv	308	139	132	197	126	40	36	45	80	18	29	31	1082	29	21	150
Sevastopol	163	266	29	28	4	17	...	97	67	16

22.7. Schools of aesthetic education

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

	Number of schools						In which pupils, thsd.					
	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2010/ 11	2012/ 13	1990/ 91	1995/ 96	2000/ 01	2005/ 06	2010/ 11	2012/ 13
Children's music schools	1204	1201	1036	966	892	880	295,2	285,9	194,1	185,4	184,5	183,3
Special secondary music schools	4	5	4	4	6	6	1,8	2,0	1,7	1,7	2,2	2,1
Children's arts schools	110	244	307	370	432	443	32,2	74,8	77,6	101,7	124,2	129,8
Children's painting schools	126	138	130	124	125	121	20,0	22,4	18,5	20,1	23,9	23,6
Secondary painting schools	2	1	1	2	1	2	0,7	0,6	0,5	0,6	0,1	0,6
Children's choreographic schools	5	10	9	12	10	10	1,6	2,0	1,9	2,3	2,2	2,3
Children's choral singing schools	1	6	6	6	9	9	0,1	1,1	0,9	0,9	1,4	1,4
Evening schools total music education	87	3	2	2	2	2	14,0	0,9	0,5	0,7	0,7	0,7

22.8. Publication of books, magazines and newspapers

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Books and brochures											
Total publication, published items	7046	6109	7749	15720	15867	17987	24040	22491	22557	22826	26036
Number of publication, mln. copies	170	68	44	54	54	56	58	49	45	47	62
of which in Ukrainian	95	32	29	33	30	29	33	28	25	24	32
Magazines and other periodic publication (excluding newspapers)¹											
Total publication, published items	185	604	1245	2182	2301	2420	2422	2515	2822	2886	2945
Annual circulation, mln. copies	166	24	52	132	138	237	270	256	338	316	368
of which in Ukrainian	150	17	12	25	24	29	37	30	66	38	43
Newspapers											
Total publication, published items	1787	1877	2667	2974	2918	2885	2647	2499	2347	2266	2343
Average one-off circulation, mln. copies	25	21	48	80	90	61	59	55	55	51	53
of which in Ukrainian	17	10	13	25	31	22	19	19	18	17	20
Annual circulation, mln. copies	4652	1630	3459	4960	4235	3665	3966	3445	3169	3105	3207

¹ Periodic publication (excluding newspapers) its magazines, publications, bulletins and bibliographic publications**22.9. Exhibition activity**

	2005	2006	2007	2008	2009	2010	2011	2012
Activities carried out	1094	1107	1088	1174	1076	1127	1116	1010
exhibitions	572	566	593	653	512	510	497	480
fairs	522	541	495	521	564	617	619	530
Total built-up area of fairs, thsd.sq.m	1231	1540	1476	1836	1267	1268	1283	1040
Total display area of exhibition centres, thsd.sq.m	203	210	169	192	196	206	202	201
Participants in exhibition actions	66376	74082	74937	82453	68745	73367	69616	62645
of which foreigners	3571	3862	4684	4940	3168	3164	3275	3073
Visitors of exhibition actions, thsd.	9834	11891	11006	13309	10629	11161	9351	6732

22.10. Television and radio programmes of state broadcasting companies in 2012, by region

	Television ¹			Radio ²		
	average daily telecasting, hours	of which, percent		average daily broadcasting, hours	of which, percent	
		in Ukrainian	in Russian		in Ukrainian	in Russian
Ukraine	1078,48	94,2	4,3	376,19	94,6	1,0
Autonomous Republic of Crimea	41,00	47,8	45,3	16,40	75,0	15,9
oblasts						
Vinnitsya	37,95	100,0	—	10,32	100,0	—
Volyn	37,21	100,0	—	14,84	100,0	—
Dnipropetrovsk	39,06	100,0	—	14,23	100,0	—
Donetsk	31,65	100,0	—	16,40	100,0	—
Zhytomyr	37,15	100,0	—	14,84	99,6	—
Zakarpattia	38,95	91,3	1,6	15,28	93,5	0,1
Zaporizhzhya	36,20	100,0	—	14,86	100,0	—
Ivano-Frankivsk	—	—	—	1,60	100,0	—
Kyiv	39,56	100,0	—	14,00	100,0	—
Kirovohrad	37,15	100,0	—	1,85	100,0	—
Luhansk	37,15	100,0	—	15,33	100,0	—
Lviv	35,95	100,0	—	2,07	100,0	—
Mykolayiv	37,15	100,0	—	14,09	100,0	—
Odesa	35,00	73,4	12,3	8,15	100,0	—
Poltava	37,96	96,6	3,4	15,99	100,0	—
Rivne	36,20	100,0	—	11,47	100,0	—
Sumy	32,46	100,0	—	14,87	100,0	—
Ternopil	36,95	100,0	—	5,65	100,0	—
Kharkiv	36,25	87,3	12,7	9,43	100,0	—
Kherson	35,03	94,2	5,8	13,19	100,0	—
Khmelnyskiy	37,15	91,5	8,5	14,78	100,0	—
Cherkasy	37,15	100,0	—	17,40	100,0	—
Chernivtsi	37,15	93,5	—	12,00	95,0	—
Chernihiv	71,56	100,0	—	1,89	100,0	—
cities						
Kyiv (National TV and Radio Company) ³	135,49	93,0	5,6	83,30	83,9	—
Sevastopol	24,00	79,2	15,4	1,96	46,0	52,6

¹ Since 2012, all state broadcasters of Ukraine introduced television broadcasting in digital format² Excluding city (rayon) broadcasting³ Including broadcasting for other regions

In addition to 69,9 hours of intrastate broadcasting the National TV and Radio Company during 13,4 hours a day produced programmes for foreign countries mainly in English (59,7%). Ukrainian TV and radio broadcasting companies also prepare programmes in Slovak, Hungarian, Romanian, Bulgarian, Tatar, German, English, and other languages.

22.11. Collective accommodation facilities in 2012¹

	Total, units	Number of places, (beds), units	Number of those being accommodated, persons	
			total	including foreigners
Collective accommodation facilities	6041	583449	7887407	1554795
Hotels and similar accommodation facilities	3144	162831	4983858	1165141
hotels	1551	105567	4137681	1076676
motels	119	3528	123338	4917
hostels	9	227	2250	1037
campings	19	770	11194	1237
guests dormitories	150	9581	158478	9255
tourist camps, mountain shelters, students' summer camps, other places for temporary accommodation	1296	43158	550917	72019
Specialised accommodation facilities	2897	420618	2903549	389654
sanatoria	284	92530	993957	182627
children's sanatoria	161	30405	214943	23728
boarding houses with care	39	9727	69632	18606
year-round children's health-improving institutions, child centers	16	8657	71864	3112
prophylactic sanatoria	185	17512	155565	4235
balnearies, institutions for mud cures, balneal and mud hospitals (including those for children)	6	787	5961	684
rest houses	23	2667	30803	5845
rest boarding houses	263	57192	342607	63828
recreations camps, other recreation facilities (apart from tourist camps)	1903	199300	1002642	86862
health-improving institutions for 1–2 day staying	17	1841	15575	127

¹ The total includes legal persons and natural persons-entrepreneurs

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22.12. Hotels and similar facilities for accommodation, by region

	Quantity of facilities					In which rooms				
	2000	2005	2010 ¹	2011 ²	2012 ²	2000	2005	2010	2011 ²	2012 ²
Ukraine	1308	1232	1731	3162	3144	51012	51686	79833	76986	81441
Autonomous Republic of Crimea	89	78	104	651	748	5570	5982	7523	14407	17267
oblasts										
Vinnitsya	32	25	21	46	61	1166	784	674	1033	1162
Volyn	32	26	31	46	50	1137	996	1258	891	949
Dnipropetrovsk	84	106	121	141	130	2941	4323	5273	4326	4143
Donetsk	73	69	77	140	135	3240	3154	2928	3905	4341
Zhytomyr	37	31	44	48	51	1155	950	1569	1084	1033
Zakarpattia	39	38	67	159	151	1395	1462	2512	3351	2983
Zaporizhzhya	59	40	30	116	89	1823	1520	1472	2854	2983
Ivano-Frankivsk	34	33	38	345	167	1188	1142	1587	3849	3235
Kyiv	46	39	56	56	57	1369	1331	2135	1631	1672
Kirovohrad	21	17	18	32	43	520	578	859	759	821
Luhansk	43	56	101	60	45	1851	1866	2691	1592	1261
Lviv	55	100	159	228	250	2526	3927	5359	6051	7358
Mykolayiv	44	30	122	70	82	1143	702	7338	1483	1359
Odesa	96	79	81	217	216	3674	3262	4146	4813	5425
Poltava	65	45	45	86	94	1647	1234	1377	1866	1972
Rivne	23	22	23	41	44	1018	1200	1175	1035	948
Sumy	46	44	36	48	47	898	842	1070	808	806
Ternopil	27	29	38	46	49	1187	1094	1100	964	1049
Kharkiv	76	51	42	103	125	2328	1905	1651	2514	3092
Kherson	47	34	135	74	82	1247	995	9028	1744	1482
Khmelnyskiy	30	22	31	60	68	763	728	1094	1590	1654
Cherkasy	36	36	65	70	66	1215	1092	1980	1394	1484
Chernivtsi	18	12	31	67	80	943	785	1533	1674	1742
Chernihiv	52	51	61	44	45	822	927	1438	860	971
cities										
Kyiv	95	109	133	156	148	7637	8246	9807	10085	9742
Sevastopol	9	10	21	12	21	609	659	1256	423	507

¹ Including other institutions for short-term stay that are available seasonally² See the footnote to Table 22.11

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

	Capacity, beds				Total guests registered, thsd.				Ratio of use ¹			
	2000	2005	2010	2012 ²	2000	2005	2010	2012 ²	2000	2005	2010	2012 ²
Ukraine	102906	106048	186621	162831	3287,4	3938,2	4047,8	4983,9	0,24	0,33	0,18	0,26
Autonomous Republic of Crimea	11329	12710	15839	38060	204,5	256,6	310,5	527,0	0,28	0,35	0,23	0,30
oblasts												
Vinnitsya	2464	1519	1364	2201	67,5	56,9	49,9	85,1	0,17	0,36	0,26	0,19
Volyn	2378	1961	2431	1702	92,6	89,6	71,9	70,3	0,21	0,27	0,18	0,32
Dnipropetrovsk	6025	11658	13525	8018	194,9	270,3	161,9	218,8	0,21	0,24	0,10	0,25
Donetsk	5910	5457	5210	7577	154,9	180,6	166,5	238,8	0,22	0,22	0,17	0,20
Zhytomyr	2312	1752	4916	1962	59,8	75,0	49,5	55,6	0,11	0,23	0,08	0,19
Zakarpattia	2839	3152	5380	6120	84,3	99,2	101,5	140,8	0,19	0,34	0,15	0,17
Zaporizhzhya	3554	2696	2563	6098	148,9	122,2	51,7	93,6	0,32	0,30	0,19	0,25
Ivano-Frankivsk	2305	2092	3846	7461	58,2	72,7	80,7	233,1	0,17	0,23	0,13	0,20
Kyiv	2693	2447	4977	3204	97,5	121,7	153,8	182,7	0,20	0,23	0,19	0,24
Kirovohrad	970	1066	1643	1462	31,6	42,3	43,3	39,4	0,18	0,36	0,19	0,12
Luhansk	3297	3807	6028	1749	47,7	75,4	90,4	90,8	0,09	0,20	0,09	0,39
Lviv	4893	8701	11910	15389	164,3	237,3	353,2	471,0	0,19	0,18	0,20	0,24
Mykolayiv	2490	1486	19673	2430	40,1	74,7	111,0	87,5	0,09	0,29	0,11	0,22
Odesa	8161	6619	8342	10736	243,1	289,8	207,4	246,9	0,20	0,28	0,14	0,22
Poltava	3421	2571	2779	4196	125,3	83,7	65,2	130,5	0,24	0,31	0,16	0,20
Rivne	1833	2519	2686	1662	66,4	90,7	63,1	96,1	0,19	0,35	0,23	0,27
Sumy	2372	2054	2925	1611	59,5	67,2	48,2	49,6	0,16	0,25	0,12	0,22
Ternopil	2478	3082	3854	2311	51,6	72,6	51,1	121,7	0,13	0,31	0,12	0,25
Kharkiv	4859	3467	2922	5626	143,2	160,2	171,4	236,9	0,18	0,24	0,29	0,26
Kherson	2817	2186	25486	3352	64,0	48,2	136,2	51,7	0,19	0,13	0,13	0,21
Khmelnyskiy	1578	1352	2003	3342	46,8	80,9	126,0	177,9	0,18	0,28	0,32	0,30
Cherkasy	2491	2139	5887	2680	73,8	119,9	62,7	87,0	0,20	0,25	0,10	0,16
Chernivtsi	1793	1398	4884	3406	52,9	50,9	50,8	100,8	0,21	0,20	0,14	0,13
Chernihiv	1887	2095	4017	1928	56,2	91,4	73,5	70,1	0,18	0,38	0,16	0,32
cities												
Kyiv	14478	14757	18582	17490	810,2	974,1	1144,7	1043,6	0,40	0,68	0,42	0,42
Sevastopol	1279	1305	2949	1058	47,6	34,1	51,7	36,6	0,78	0,22	0,31	0,27

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

² See the footnote to Table 22.11

22.14. Sanatorium-and-spa institutions, recreational facilities

	1990	1995	2000	2005/ 06 ¹	2006/ 07 ¹	2007/ 08 ¹	2008/ 09 ¹	2009/ 10 ¹	2010/ 11 ¹	2012 ²
Total	3841	3417	3327	3164	3110	3073	3041	3011	3012	2897
Sanatoria	473	489	480	468	471	465	460	456	453	445
including children's sanatoria	194	199	185	171	171	171	171	168	167	161
Rest homes providing medical treatment	32	62	69	52	52	53	53	54	55	39
Dispensaries	556	517	377	277	269	262	252	234	224	185
Rest homes and guest houses	332	294	266	301	302	302	296	290	280	286
Recreation centres and other rest facilities	2213	1862	2037	2012	1969	1950	1940	1948	1979	1925
Institutions for 1–2 day stay	235	193	98	54	47	41	40	29	21	17
Beds³, thsd.	646	562	502	482	466	462	453	449	445	421
Sanatoria	149	145	136	136	131	129	127	126	126	123
including children's sanatoria	39	37	35	34	33	32	32	32	32	30
Rest homes providing medical treatment	6	14	15	12	12	13	14	14	15	10
Dispensaries	55	43	31	23	21	21	21	19	19	18
Rest homes and guest houses	115	83	63	63	64	64	62	60	58	60
Recreation centres and other rest facilities	302	263	247	243	234	232	226	228	225	208
Institutions for 1–2 day stay	19	14	10	5	4	3	3	2	2	2
Persons who improved their health, thsd.	6394	3515	2870	3278	3486	3592	3122	2987	2942	2904
Sanatoria	1616	1223	1105	1321	1419	1527	1330	1198	1278	1209
including children's sanatoria	206	236	221	276	274	284	247	223	338	215
Rest homes providing medical treatment	89	102	114	117	131	144	119	116	99	70
Dispensaries	821	511	274	236	236	232	211	198	193	156
Rest homes and guest houses	1324	431	276	368	410	382	318	338	325	373
Recreation centres and other rest facilities	2305	1175	1063	1211	1273	1287	1130	1126	1038	1080
Institutions for 1–2 day stay	239	73	38	25	17	20	14	11	9	16

¹ 2005/06 is for 12 months (since October 1, 2005 up to September 30, 2006), etc² See the footnote to Table 22.11³ Maximum use is one month

22.15. 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 (2012 ¹)	total beds					total (2012 ¹)	total beds				
		1990	1995	2000	2005/ 06 ²	2012 ¹		1990	1995	2000	2005/ 06 ²	2012 ¹
Ukraine	484	154484	158507	150554	148229	132662	286	114980	83282	62923	63372	59859
Autonomous Republic of Crimea	138	56330	60220	56981	53844	54164	134	43028	37339	27590	28938	29071
oblasts												
Vinnitsya	22	5391	5993	5246	5171	4966	—	1459	570	—	200	—
Volyn	7	1271	1331	1482	2029	1312	1	39	39	39	44	374
Dnipro-petrovsk	17	3365	2742	2742	2509	2315	3	3285	2000	1140	1150	807
Donetsk	15	6972	6197	4200	4239	3344	58	17226	14824	9475	11535	11433
Zhytomyr	5	1010	1820	2750	1620	1322	—	818	—	—	—	—
Zakarpattia	22	4509	4307	3564	3763	4572	5	424	170	200	—	144
Zaporizhzhya	19	6424	5725	5169	4864	5400	8	2622	2236	1812	1322	1171
Ivano-Frankivsk	14	2260	2134	2743	2279	1997	3	517	451	145	220	290
Kyiv	12	3806	3302	3004	2851	2181	1	1464	540	748	188	63
Kirovohrad	3	785	680	630	310	244	1	350	70	450	450	258
Luhansk	12	1552	2157	1207	1613	1064	—	3312	527	60	—	—
Lviv	50	20149	20437	19807	21157	14777	4	307	24	340	392	148
Mykolayiv	11	1190	1930	2374	3958	4209	15	10862	4492	6791	4471	3301
Odesa	30	16230	17233	15053	14545	10646	9	7236	2646	2023	2074	1243
Poltava	13	4670	4941	4462	3920	3682	1	251	177	177	385	180
Rivne	7	655	859	1324	1378	964	—	—	37	—	—	—
Sumy	4	712	580	535	460	660	—	1059	660	—	—	—
Ternopil	9	1250	1300	1729	1796	1535	—	212	—	—	—	—
Kharkiv	15	4901	4082	3714	3282	2993	1	3360	1253	1705	1406	150
Kherson	11	1381	1197	2119	2763	2405	36	12440	12289	8482	9423	9377
Khmelnyskiy	13	1629	1557	1610	1673	1847	—	265	100	—	—	—
Cherkasy	7	2420	2325	2300	2604	1320	—	537	198	—	—	—
Chernivtsi	5	910	785	897	897	819	1	260	220	—	—	220
Chernihiv	7	895	1426	1759	1325	1325	—	1022	585	336	100	—
cities												
Kyiv	14	2867	2897	2598	3135	2429	1	1070	910	650	450	200
Sevastopol	2	950	350	555	244	170	4	1555	925	760	624	1429

¹ See the footnote to Table 22.11² See the first footnote to Table 22.14

22.16. Child care centers for health improvement and recreation, in summer 2012, 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	17744	559	188,3	149,5	1825,0	369,5	43
Autonomous Republic of Crimea	668	79	34,0	29,8	169,4	83,7	54
oblasts							
Vinnitsya	813	20	5,6	5,5	78,3	10,3	50
Volyn	638	7	2,7	1,0	55,5	2,4	47
Dnipropetrovsk	1049	19	6,8	5,3	110,1	11,1	50
Donetsk	992	60	20,1	19,3	97,0	47,4	32
Zhytomyr	494	10	2,7	2,1	36,9	4,4	30
Zakarpattia	575	12	3,9	1,1	81,2	3,4	54
Zaporizhzhya	331	7	14,4	2,2	49,1	6,4	22
Ivano-Frankivsk	783	15	4,0	3,0	83,1	8,8	53
Kyiv	477	10	3,5	2,8	34,8	9,1	26
Kirovohrad	560	7	1,8	1,8	54,8	4,4	60
Luhansk	771	36	10,6	10,6	54,1	18,3	35
Lviv	887	6	3,1	1,1	94,2	1,9	39
Mykolayiv	531	11	6,0	4,0	39,1	5,8	33
Odesa	1035	45	14,3	10,9	145,7	28,4	60
Poltava	999	26	6,1	5,5	55,5	14,8	46
Rivne	545	6	2,2	1,8	61,4	6,3	45
Sumy	736	25	5,2	5,1	53,7	11,5	56
Ternopil	443	7	2,7	1,2	32,3	2,7	29
Kharkiv	856	33	7,1	6,7	101,6	15,6	52
Kherson	529	46	15,2	15,2	80,1	41,4	46
Khmelnyskiy	834	10	1,6	1,3	77,7	3,0	62
Cherkasy	1004	16	3,4	2,6	61,2	4,7	56
Chernivtsi	436	13	3,2	3,0	51,8	6,8	53
Chernihiv	559	19	3,7	2,9	34,9	5,7	42
cities							
Kyiv	104	5	0,9	0,9	9,3	2,5	16
Sevastopol	95	9	3,5	2,8	22,2	8,7	55

Additionally, in sanatorium-and-spa institutions, particularly in all-year child care centers in 2012, 611,8 thsd. children improved their health, of which in summer – 400,5 thsd.

22.17. Sports school for children, by region*(end of 2012)*

	Sports schools for children and youths		Olympic reserve specialised sports schools for children and youths		Highest sport skills schools	
	total	persons	total	persons	total	persons
Ukraine	1475	548740	189	53193	35	4321
Autonomous Republic of Crimea	51	18287	8	1500	1	113
oblasts						
Vinnitsya	60	20796	4	1048	1	115
Volyn	40	11353	3	608	1	93
Dnipropetrovsk	106	42964	13	4779	1	244
Donetsk	103	45748	16	6552	1	450
Zhytomyr	50	14559	1	354	1	82
Zakarpattia	31	15497	3	813	1	114
Zaporizhzhya	53	17532	14	3722	1	122
Ivano-Frankivsk	47	19758	7	1785	1	61
Kyiv	62	24584	3	348	1	238
Kirovohrad	38	13551	2	718	1	55
Luhansk	62	21958	13	4010	1	137
Lviv	83	25991	15	2574	1	190
Mykolayiv	45	14517	13	2955	2	243
Odesa	63	26445	10	3644	1	112
Poltava	52	15585	3	1172	1	121
Rivne	48	17919	1	622	1	115
Sumy	55	16135	3	761	1	76
Ternopil	35	11338	2	292	1	121
Kharkiv	87	47664	7	1181	2	359
Kherson	43	13356	6	1458	1	90
Khmelnyskiy	58	19929	1	409	1	98
Cherkasy	45	12442	1	530	1	96
Chernivtsi	35	14754	1	157	1	83
Chernihiv	50	15190	4	964	2	263
cities						
Kyiv	62	26977	32	9400	6	472
Sevastopol	11	3911	3	837	1	58

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

	2000	2005	2006	2008	2009	2010	2011	2012
Persons that go in for sport including sports school for children and the youth, Olympic reserve specialised schools for children and the youth and the highest sport skills schools	1014911	1265956	1300647	1317750	1186727	1218362	1276917	1271593
disabled	633980	723727	726435	727604	629529	619758	609701	606254
females	7169	17342	16154	21561	19734	19738	19230	18683
Persons that engaged in all types of physical training and health improving activity	247222	322902	345226	308520	285129	290267	292153	300035
including secondary educational institutions ²	4105054	5030943	5080287	5223118	4920428	4918331	4951946	4876904 ¹
professional training institutions ²	1914177	2037429	2006644	1719508	1533656	1520243	1515577	1496792
institutions of higher education ²	129489	167580	164262	141626	133860	134605	127715	123761
1 st and 2 nd levels of accreditation	156214	210021	207620	215577	204494	208012	221023	212437
3 rd and 4 th levels of accreditation	174581	299993	313985	426556	407987	399517	380841	348777
enterprises, establishments, organisations at working and free time	1390181	1760229	1809439	1620243	1461799	1400258	1349066	1387921
by place of residence	233551	390547	409007	677682	797450	834899	852084	827808
Of total number of persons engaged in all types of physical training and health improving activities								
females	1250958	1598754	1485156	1850078	1759793	1723415	1774358	1695794
disabled involved in rehabilitation and health improving activity	22069	33464	36677	39586	37972	43267	42380	39197
Physical training and sports clubs for children and teenagers, by place of residence	1251	1585	1652	1109	1028	1036	924	891
Persons attending physical and sports clubs for children and teenagers, by place of residence	143306	185971	195407	115076	118646	122335	95063	94978
Pupils and students included into special medical group due to health status	454863	377924	364451	402293	439876	515765	569426	571827 ³
including secondary educational institutions	310347	227849	211899	196918	238449	335755	391327	395274
professional training institutions	30810	25884	25061	25581	23866	27996	30959	33448
institutions of higher education								
1 st and 2 nd levels of accreditation	48615	44430	44168	40058	39705	46168	47217	45781
3 rd and 4 th levels of accreditation	65091	79761	83323	112689	109734	78010	69096	68951

¹ Including 479408 children in pre-school educational institutions, excluding physical training and health improving activity within the framework of training² Excluding physical training and health improving activity within the framework of training³ Including 28373 children in pre-school educational institutions

CULTURE, LEISURE, SPORT AND TOURISM

22.19. Sports facilities

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

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Stadiums with stands for 1500 seats and more	1128	1147	1131	1118	1104	1101	1108	1108	1102
Sports grounds	35674	39977	40232	40303	39371	40037	40260	40998	42062
including tennis-courts	845	1205	1227	1245	1271	1319	1344	1346	1365
Football grounds	9910	11248	11331	11433	11805	11797	11730	11730	11614
Ski lodges per 100 pair of skis and more	122	103	105	99	81	71	72	69	63
Shooting range, covered and semi-covered, at least 25 m long	7598	6538	6376	5917	5651	5487	5379	5341	5202
Swimming pools	509	510	510	512	553	545	593	601	555
of which									
50 m long	50	44	46	...	52	50	52	51	51
covered	419	436	436	...	481	472	503	511	471
including 50 m long	26	24	26	...	29	26	25	25	24
Gymnasiums with 162 sq.m space	17032	17189	17240	17215	17210	17216	17176	17204	17204
Track-and-field lanes in covered premises	114	131	130
of which 200 m long, oval track	36	41	40
Track-and-field shots that are not a part of stadiums	183	231	236	...	247	248	257	280	280
Grounds equipped with simulators	11300	11286	11642	11761	11576	11650	11738	11798	11521
Premises for physical training and health improving sessions	13139	15180	15494	15572	15978	16182	16234	16404	16458
of which equipped with simulators	4315	5494	5657	...	5698	5807	5810	5863	5818
Jump skis	19	22	20	20	26	25	25	25	24
of which for freestyle	3	5	5	...	6	6	6	6	5
Horse riding sports centers	29	33	37	47	53	55	57	58	59
Cycle tracks	4	4	4	4	4	4	4	4	4
Facilities with manufactured ice	10	13	24	42	51	59	61	62	64
of which with area of 30×61 m	8	10	14	...	23	28	28	27	33

22.20. Physical training and health improving activity*(source: the State Service of Youth and Sport of Ukraine; end of 2012)*

	Persons involved in all types of physical training and health improving activity		Persons aged 6–18	
	total	in rural areas	total	in rural areas
Total	4876904	1147131	2255538	583087
including				
pre-school educational institutions	479408	70933	15135	896
secondary educational institutions	1496792	482652	1496792	482652
professional training institutions	123761	9882	100171	8421
institutions of higher education	561214	9431	237217	6323
enterprises, establishment, organisations at working and free time	1387921	342401	126579	42277
by place of residence	827808	231832	279644	42518
disabled involved into rehabilitation and health improvement activity	39197	4494	—	—

In 2012, 891 physical training and sports clubs for children and teenagers operated in the country by place of residence. They were attended by 95 thsd. persons including 35 and 4,1 thsd. in rural area accordingly.

22.21. Tourist flows*(thsd.)*

	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine's citizens who traveled abroad ¹	13422	16454	16875	17335	15499	15334	17180	19773	21433
Foreign citizens who visited Ukraine ¹	6431	17631	18936	23122	25449	20798	21203	21415	23013
Tourists attended by Ukraine's tourism entities ²	2014	1826	2206	2864	3042	2290	2281	2200	3034
foreign tourists	378	327	299	373	373	282	336	234	270
tourists (Ukraine's citizens) who traveled abroad	285	567	868	336	1282	914	1296	1250	1957
domestic tourists	1351	932	1039	2155	1387	1094	649	716	807
The number of sightseers ²	1644	1705	1769	2393	2406	1909	1953	823	865

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

² 2000/2010 – the data from the Ministry of Infrastructure of Ukraine, since 2011 – the data from State Statistics Service of Ukraine

In 2012, the most popular destinations for Ukraine's citizens were Russian Federation; Poland; Moldova, Republic of; Hungary; Belarus; Turkey; Romania; Slovakia; Germany; Czech Republic; Egypt and Italy.

Among foreigners who visited our country are Russian, Moldavian, Belarusian, Polish, Romanian, Hungarian, Slovak, German, Uzbek and American citizens outnumbered those from other countries.

23. CRIMINAL JUSTICE

Administrative law violation (misdemeanor) 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 registered crimes are the identified and officially registered 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 or 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, omnopon, phenamin, ephedron, 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, alphetamin, amobarbital, etc). Toxic substances are phenil-acetone, ephedrine, calcium-permanganat.

Crime rate – the number of registered crimes per 100 thsd. average annual present population.

Conviction rate – the number of convicted persons (by Court's decisions that became legal) per 100 thsd. average annual present population.

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 Ministry of Emergencies of Ukraine.

CRIMINAL JUSTICE

23.1. Registered crimes, by selected category

(source: the Ministry of Internal Affairs of Ukraine; thsd.)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012 ¹
Total registered cases²	369,8	641,9	567,8	491,8	428,1	408,2	390,2	439,5	505,4	520,2	447,1
of which											
premeditated murders											
and attempted murders	3,2	5,3	5,1	3,3	3,2	2,9	2,7	2,5	2,4	2,5	2,1
premeditated severe injuries	6,7	8,8	6,9	5,7	5,3	5,5	5,1	4,1	3,8	3,4	3,1
rapes and attempted rapes	2,7	1,9	1,2	0,9	1,0	0,9	0,9	0,8	0,6	0,6	0,5
hooliganism	18,8	37,1	23,4	15,0	13,4	12,1	11,7	10,5	9,2	8,9	7,2
violent crime	3,1	5,4	5,6	6,7	6,5	5,7	5,0	5,1	4,0	3,7	3,0
robberies	17,8	32,2	23,0	47,1	41,7	32,3	26,9	27,6	23,3	23,0	19,7
extortion	1,5	3,6	2,7	1,2	0,9	0,7	0,6	0,6	0,5	0,6	0,4

¹ November 20

² For 1990 and 1995, by internal affair bodies, including transport police; with 2000, including tax police

Out of all crimes registered by internal affair bodies and tax police in 2012, 157,7 thsd. were classified as grave and very grave offences.

23.2. Registered crimes, by region

(source: by Ministry of Internal Affairs of Ukraine; thsd.)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012 ¹
Ukraine²	369,8	641,9	567,8	491,8	428,1	408,2	390,2	439,5	505,4	520,2	447,1
Autonomous Republic of Crimea	23,6	34,4	30,2	23,8	18,8	20,8	19,9	23,0	33,5	37,6	33,2
oblasts											
Vinnitsya	8,6	14,6	14,0	12,5	11,4	10,6	10,5	10,8	12,8	12,8	9,9
Volyn	4,5	7,6	7,6	8,6	8,2	8,3	7,4	7,8	8,3	8,5	6,4
Dnipropetrovsk	41,7	81,4	65,6	46,5	38,1	36,0	33,1	41,0	49,6	47,3	41,3
Donetsk	44,2	62,7	54,6	58,2	52,2	49,5	46,9	53,4	62,6	61,0	48,9
Zhytomyr	8,3	15,4	15,8	10,0	8,7	7,9	7,9	8,9	10,2	10,7	10,2
Zakarpattia	3,5	7,6	6,7	6,6	5,6	5,2	5,1	5,7	6,8	7,3	5,8
Zaporizhzhya	17,3	32,4	32,6	28,4	25,8	27,4	24,5	25,1	27,9	27,8	25,5
Ivano-Frankivsk	4,6	9,1	8,9	7,5	6,4	5,8	5,3	5,6	5,8	5,9	5,0
Kyiv	10,2	17,2	15,9	13,5	12,3	12,1	11,8	13,9	16,6	17,5	15,3
Kirovohrad	8,5	12,9	12,8	9,6	7,8	7,1	7,4	9,7	11,9	12,4	10,7
Luhansk	25,9	50,6	39,3	35,3	29,7	28,2	26,7	29,7	32,1	31,9	26,6
Lviv	14,9	26,0	22,1	18,7	16,9	15,4	13,8	13,9	17,3	16,5	16,0
Mykolayiv	11,3	20,4	17,9	14,2	12,5	11,3	11,1	11,7	12,7	13,7	10,4
Odesa	23,1	34,1	26,9	23,5	21,2	20,0	20,0	21,3	24,8	25,5	24,6
Poltava	10,0	18,8	17,7	17,9	15,3	14,7	12,9	13,7	16,4	15,3	12,8
Rivne	4,1	7,1	7,5	7,7	6,3	5,9	5,9	7,1	7,5	7,5	5,7
Sumy	6,8	15,0	14,5	11,3	9,7	9,2	8,3	9,7	10,7	10,6	9,0
Ternopil	3,5	6,8	6,4	5,7	5,4	4,9	4,7	5,2	5,4	5,4	4,3
Kharkiv	26,6	49,5	43,1	32,0	26,8	25,7	24,6	25,8	28,3	35,7	30,8
Kherson	9,4	16,8	14,4	13,2	10,6	10,0	10,0	10,7	12,3	13,5	11,5
Khmelnyskiy	4,9	10,6	10,4	10,6	9,6	8,5	8,2	9,2	10,9	11,5	8,8
Cherkasy	7,4	13,8	14,4	10,3	8,8	8,1	7,9	9,3	9,7	11,3	9,7
Chernivtsi	3,0	5,2	4,8	5,1	5,1	5,0	5,1	5,9	6,7	6,1	4,9
Chernihiv	7,7	11,3	12,6	9,5	8,0	7,4	7,1	8,9	9,6	9,4	8,3
cities											
Kyiv	20,9	36,6	28,6	33,4	29,5	26,0	26,4	35,5	36,5	37,9	34,5
Sevastopol	...	3,9	4,3	4,7	4,7	4,4	4,8	5,2	5,5	7,1	6,5

¹ See the first footnote to Table 23.1

² See the second footnote to Table 23.1

CRIMINAL JUSTICE

23.3. Crimes related on narcotics and other harmful drugs

(source: the Ministry of Internal Affairs of Ukraine)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012 ¹
Total registered crime	7236	38181	45748	65017	64630	63838	63666	57624	56878	53206	45322
including											
theft, appropriation, extortion of drugs, psychotropic substances or similar products or cartured by swindle or abuse of official position	289	275	332	352	327	319	289	252	255	146	59
illegal production, purchase, storage, transportation and trafficking of drugs for sale or other purposes (plus sales)	6440	36223	40138	53456	53379	53235	52628	48557	47702	45160	38428
inclination for drugs	64	151	385	965	954	991	825	661	618	553	456
setting up and keeping places for illegal consumption, production or the making of drugs, psychotropic agents or similar products	93	668	1664	2743	2662	2487	2443	2098	2150	1965	1781

¹ See the first footnote to Table 23.1

On November 20, 2012, by internal affair bodies registered 5,9 thsd. criminal cases committed by drug addicts, 2,3 thsd. cases were committed under drug intoxication.

From February, 1995 criminal punishment has been introduced for activities related to illegal turnover of precursors.

23.4. Court convictions, by selected crime

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

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total convicted	104,2	212,9	230,9	176,9	160,9	152,8	146,9	146,4	168,8	154,4	162,9
of whom of											
theft	33,2	92,5	108,4	60,1	39,9	32,8	29,0	32,7	61,0	59,3	66,1
robberies	5,1	9,0	10,0	13,4	14,9	14,3	12,6	12,6	11,6	9,6	9,6
violent crime	2,1	3,6	4,9	4,4	4,7	4,8	3,8	4,0	3,8	3,0	2,4
extortion	0,6	1,3	1,4	0,7	0,6	0,5	0,4	0,4	0,4	0,2	0,2
intended murders and attempted murders	1,9	3,1	3,9	2,1	2,0	2,3	2,0	1,9	2,0	1,5	1,5
intended severe injuries	3,3	4,2	4,9	4,1	4,0	4,2	3,8	3,9	3,4	3,1	2,8
rapes and attempted rapes	2,6	1,4	0,9	0,7	0,6	0,5	0,5	0,5	0,4	0,4	0,3

CRIMINAL JUSTICE

23.5. Court convictions, by region*(source: the State Judicial Administration of Ukraine; thsd.)*

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine¹	104,2	212,9	230,9	176,9	160,9	152,8	146,9	146,4	168,8	154,4	162,9
Autonomous Republic of Crimea	5,7	8,7	10,9	10,2	9,1	8,1	8,2	8,7	8,2	8,2	8,6
oblasts											
Vinnitsya	3,3	6,4	7,7	5,2	5,1	5,0	5,7	5,4	6,1	5,9	6,0
Volyn	1,8	3,9	3,7	3,2	3,2	2,7	2,9	2,9	3,3	2,9	3,2
Dnipropetrovsk	9,4	25,6	22,1	13,6	13,9	13,2	13,1	13,2	14,9	15,9	14,9
Donetsk	11,7	24,6	25,8	22,2	19,9	16,7	16,8	17,6	20,3	19,4	20,3
Zhytomyr	2,7	6,6	5,8	4,5	4,3	4,2	3,8	3,9	4,7	4,2	4,5
Zakarpattia	1,5	3,2	3,7	2,6	2,4	2,2	2,0	2,1	2,9	2,7	2,6
Zaporizhzhya	6,8	7,0	13,3	11,4	9,0	9,2	9,0	8,9	9,7	7,2	8,8
Ivano-Frankivsk	1,8	4,4	3,6	3,4	3,1	2,9	2,7	2,7	3,4	2,5	3,3
Kyiv	4,0	6,8	8,1	5,6	5,6	4,8	4,6	4,9	4,8	4,7	4,6
Kirovohrad	3,1	5,9	6,1	4,0	3,5	3,2	3,6	3,4	4,7	3,5	4,0
Luhansk	6,8	13,4	17,4	12,9	10,2	11,4	11,1	10,4	12,7	10,8	10,6
Lviv	3,6	9,4	8,4	6,0	5,7	5,4	4,7	4,4	5,7	5,3	5,2
Mykolayiv	3,5	5,7	6,5	6,8	5,8	5,5	5,0	4,7	5,6	5,4	4,8
Odesa	5,1	10,8	12,6	9,2	8,5	7,8	7,3	7,8	8,3	6,1	7,7
Poltava	3,4	6,9	7,0	6,7	6,1	5,3	4,4	4,3	4,7	3,6	5,4
Rivne	1,2	3,1	3,2	3,0	2,8	2,7	2,8	2,4	3,3	2,7	3,1
Sumy	4,0	7,9	6,8	4,6	4,5	4,1	3,6	3,9	5,0	4,7	4,4
Ternopil	1,6	4,2	3,0	2,1	2,1	1,8	1,9	2,0	2,5	2,3	2,3
Kharkiv	6,5	13,7	15,8	13,7	11,8	10,9	10,0	9,4	8,6	10,0	10,6
Kherson	2,8	4,9	6,8	5,5	5,2	4,6	4,3	4,4	5,3	4,7	4,9
Khmelnyskiy	2,3	5,7	4,8	4,1	3,9	3,9	3,6	3,6	4,6	3,7	3,3
Cherkasy	3,2	6,5	7,0	4,2	3,6	3,8	3,6	3,6	4,4	3,9	4,5
Chernivtsi	1,4	2,7	2,9	1,8	2,1	1,9	1,7	1,7	2,1	2,0	2,2
Chernihiv	2,9	5,5	6,2	4,6	4,1	3,9	3,5	3,3	4,4	4,5	4,5
cities											
Kyiv	4,1	8,4	9,3	3,9	3,6	5,9	5,4	5,4	6,5	6,9	7,3
Sevastopol	...	1,0	1,9	1,3	1,3	1,3	0,9	0,8	1,4	0,6	1,2

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

CRIMINAL JUSTICE

23.6. Crime and conviction rate

(per 100 thsd. population)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Registered crimes	1246	1147	1057	955	1185	1112	1044	915	878	843	954	1102	1138	...
Court convictions	413	466	416	403	421	432	376	344	328	317	318	368	338	357

23.7. Convicted persons by category

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

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total convicted	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Aged, years											
14–17	12,1	7,8	8,7	9,9	8,7	7,3	6,9	5,9	6,4	5,6	5,5
18–24	24,5	25,1	27,8	29,5	29,0	29,2	27,5	27,1	25,6	24,6	23,2
25–29	21,0	18,2	18,5	17,0	17,5	18,3	18,2	19,1	19,3	19,5	19,4
30 and older	42,4	48,9	45,0	43,6	44,8	45,2	47,4	47,9	48,7	50,3	51,9
Of total convicted											
females	9,5	14,4	13,8	12,8	13,0	12,0	12,4	12,7	13,1	12,6	12,5
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	31,5	25,2	34,3	34,2	34,6	36,7	35,2	37,6	36,5	37,4	37,7
persons of working age not working or studying, including unemployed	23,2	39,8	60,3	64,8	65,4	66,6	66,4	70,6	71,2	73,1	70,0
persons who committed crime in the state of alcoholic intoxication	43,6	28,4	23,9	25,6	26,4	26,7	26,1	26,3	26,9	25,1	25,1

23.8. Convicted persons, by major type of sentence

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total convicted	100,0	100,0	100,0	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	0,1	0,1	0,0	0,0	0,1	0,1	0,0	0,1	0,1	0,0	0,0
term deprivation of freedom	34,7	31,4	30,3	26,5	25,9	24,0	25,0	22,4	24,2	24,2	28,6	26,4
fines	3,1	5,4	4,4	5,5	6,6	8,8	10,2	14,9	14,7	14,9	14,1	14,5
compulsory work	5,1	2,3	1,8	1,4	1,2	1,1	0,9	0,9	0,7	0,7	0,6	0,6
public works	0,1	0,9	1,4	1,7	1,9	2,4	2,8	3,6	5,3	6,6	7,4	9,2
restriction of freedom	0,3	1,6	1,7	1,9	2,0	2,1	2,3	2,6	2,5	2,1	2,8	2,8
freed from punishment	15,8	54,3	59,0	61,9	61,1	60,1	57,2	53,1	49,3	47,9	42,5	42,4
other types of punishment	40,8	4,0	1,3	1,1	1,3	1,4	1,5	2,5	3,2	3,5	4,0	4,1

CRIMINAL JUSTICE

23.9. 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	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total convicted	57,0	58,0	57,6	56,1	56,4	55,2	54,8	52,6	52,1	51,3	49,7	48,2
For crimes												
against national security	—	—	—	—	—	—	—	—	—	—	—	—
against personal life and health	41,0	41,2	43,8	42,9	43,1	44,1	45,4	45,4	45,4	42,8	42,1	39,6
against personal will and dignity	42,9	40,0	44,0	49,2	43,7	49,1	49,5	56,0	50,9	51,0	45,2	42,7
against sex freedom and sex inviolability	63,6	68,5	67,9	64,5	66,6	65,3	65,5	65,1	65,0	63,3	57,0	57,5
against electoral, labour and other rights of a person and a citizen	18,7	21,2	20,8	19,8	21,4	23,8	23,7	24,1	24,0	22,6	22,8	22,7
against property	63,0	64,3	64,9	65,4	68,3	70,3	70,8	69,3	65,4	60,5	57,9	55,9
in economic sphere	27,3	30,8	29,8	26,6	26,8	24,1	23,2	22,8	21,0	19,5	18,8	21,9
against environment	41,4	41,1	46,1	43,4	40,3	42,1	38,0	39,4	40,8	38,6	37,2	36,2
against public safety	33,6	34,2	33,9	30,1	28,9	27,3	25,0	26,2	26,9	25,8	26,5	22,4
against safety of production	27,3	17,8	15,5	13,8	17,4	16,1	18,0	16,9	18,6	16,4	18,0	17,5
against safety of traffic and use of transport	78,1	69,4	68,8	66,8	65,1	63,0	63,4	60,9	61,3	57,4	56,9	56,1
against civil order and morality	67,7	69,6	70,4	70,2	71,0	70,4	70,0	67,6	69,7	67,8	66,5	63,1
related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	50,0	54,0	53,1	49,1	48,5	47,2	48,1	46,9	46,9	46,6	45,1	43,7
in the spheres of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	65,3	54,0	55,2	62,7	61,0	45,9	53,6	61,3	71,3	57,5	54,5	44,8
against state and local authorities and associations of citizens	35,9	34,3	31,5	31,6	31,1	32,5	33,9	35,1	34,7	31,3	34,6	29,2
in the sphere of use of computers, computing systems and networks	—	—	100,0	62,5	57,1	70,5	63,3	50,9	62,7	55,1	51,8	45,0
in the sphere of office activity	11,2	12,3	12,5	12,3	14,0	16,4	18,1	18,1	18,4	18,2	19,5	21,2
against justice	49,2	49,2	46,7	47,5	44,7	43,1	43,6	44,5	45,8	44,2	42,6	41,2
against the established order of military service (military crimes)	89,7	87,1	87,5	85,2	85,9	82,5	85,8	78,8	76,5	72,6	78,1	86,4
against peace, security of the humankind and the international order	—	—	—	—	—	—	—	—	100,0	—	—	—
other crimes ¹	56,8	62,8	61,6	58,5	54,1	50,5	53,1	42,2	40,1	35,5	43,6	37,3

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

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23.10. 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	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total convicted	10,0	10,4	10,5	10,6	9,9	8,7	7,3	6,9	5,8	6,4	5,6	5,5
For crimes												
against national security	—	—	—	—	—	—	—	—	—	—	—	—
against personal life and health	3,1	4,2	4,5	4,4	4,4	4,1	4,2	4,1	3,4	3,7	2,6	2,5
against personal will and dignity	—	5,0	2,0	2,5	0,6	1,8	1,5	2,6	2,3	1,5	1,6	—
against sex freedom and sex inviolability	5,5	12,8	13,8	15,1	13,3	16,9	11,7	13,6	13,6	12,0	8,0	10,2
against electoral, labour and other rights of a person and a citizen	0,2	0,1	0,1	0,1	0,2	0,5	0,4	0,6	0,4	0,2	0,1	0,0
against property	13,6	15,0	15,5	16,3	16,4	15,6	13,8	13,6	11,1	10,4	8,9	8,6
in economic sphere	1,7	1,0	0,8	0,8	0,9	1,0	0,9	1,0	0,7	0,3	0,2	0,1
against environment	0,7	2,2	1,8	2,0	1,9	1,7	0,7	2,1	0,5	1,1	0,8	0,9
against public safety	3,1	3,0	2,5	2,5	2,1	1,3	1,0	1,4	0,9	0,9	0,7	0,6
against safety of production	—	—	—	—	—	—	0,5	—	—	—	—	0,2
against safety of traffic and use of transport	17,3	14,5	13,8	13,1	10,4	9,7	9,4	8,2	8,1	7,3	8,4	7,9
against civil order and morality	9,9	12,6	11,7	11,2	10,5	9,9	7,9	8,9	6,5	6,2	5,3	5,0
related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	2,2	2,2	2,5	2,9	2,6	2,6	2,1	2,0	1,7	1,6	1,7	1,8
in the spheres of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	2,0	2,1	0,2	0,5	1,7	1,4	0,5	0,6	2,2	1,1	0,6	—
against state and local authorities and associations of citizens	1,6	1,4	0,9	1,1	1,1	0,9	1,0	0,6	0,3	0,4	0,4	0,5
in the sphere of use of computers, computing systems and networks	—	—	—	12,5	—	4,5	—	—	—	1,4	—	—
in the sphere of office activity	0,1	0,0	0,1	—	—	—	—	—	—	—	0,0	—
against justice	1,5	1,7	1,1	0,9	1,0	0,7	0,7	0,9	1,1	0,8	0,6	0,8
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	10,3	9,0	7,5	8,2	5,8	4,8	4,5	4,1	2,7	7,3	—

¹ See the footnote to Table 23.9

CRIMINAL JUSTICE

23.11. Institutions executing sentences and number of prisoners

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Number of institutions	135	137	142	142	142	147	147	147	147	146	151	151	149	149
including														
for females	7	11	12	12	12	13	12	12	12	12	12	12	12	12
for minors	11	11	11	11	11	11	11	11	11	10	10	10	8	8
Number of prisoners, thsd.	165,5	177,1	151,8	155,2	151,3	154,1	138,3	128,9	118,4	112,6	110,4	115,4	117,2	117,3
including														
for females	7,9	10,9	9,1	9,3	9,1	9,3	8,5	7,6	6,9	6,4	6,3	6,7	6,9	7,0
for minors	3,1	2,5	2,1	2,4	2,4	2,5	2,1	1,6	1,3	1,1	0,9	0,9	0,9	0,8

23.12. Number and composition of minors who were registered by units of criminal police in juvenile delinquency cases

(source: the Ministry of Internal Affairs of Ukraine; end of year)

	1990	1995	2000	2005	2010	2012	1990	1995	2000	2005	2010	2012
	thsd.						percent					
Total	66,1	67,0	39,8	41,5	20,3	14,2	100,0	100,0	100,0	100,0	100,0	100,0
Of whom												
pupils of secondary education institutions	26,1	29,4	15,6	22,5	9,5	7,9	39,5	43,9	39,1	54,3	55,8	55,7
pupils of professional training institutions	16,1	10,7	6,5	7,0	3,3	3,1	24,3	15,9	16,3	16,8	19,2	21,9
did not work or study	5,4	15,9	10,0	7,8	2,9	2,3	8,2	23,8	25,2	18,7	17,3	16,3
have one parent	21,9	18,9	10,4	11,0	5,3	4,5	33,1	28,2	26,1	26,4	30,9	31,5
have no parents	1,3	1,2	0,9	1,2	0,8	0,6	1,9	1,9	2,2	2,9	4,9	4,5
live in children's homes or boarding schools	1,2	1,4	1,0	1,7	0,9	0,7	1,9	2,0	2,6	4,1	5,3	4,9

CRIMINAL JUSTICE

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

(thsd.)

	1990	1995	2000	2005	2007	2008	2009	2010	2011	2012
Total	6515,9	22400,6	9395,4	6370,3	8867,5	9874,9	8280,5	8854,1	6709,9	4621,1
Committed offences										
related to industrial hygiene and health care	161,0	161,5	179,7	272,2	305,5	285,2	283,1	284,3	289,7	167,7
encroachment on property	59,7	87,4	12,8	13,0	26,5	30,1	26,4	18,5	14,9	11,3
of which petty stealing of another's property	58,8	85,0	10,9	8,4	19,6	21,8	17,9	10,4	10,2	8,4
related to environmental protection, use of natural resources, and protection of cultural heritage	80,9	146,0	142,5	150,5	187,0	209,5	213,6	201,3	197,4	157,6
related to industry, construction, and use of fuel and energy resources	50,9	64,0	81,5	105,3	122,2	135,3	125,1	136,0	109,8	108,9
related to agriculture, and infringements of veterinary and sanitary regulations	73,4	87,5	95,5	136,9	142,6	146,9	123,1	89,7	104,7	105,5
related to transport, road services and communications	4379,2	18040,4	6507,4	3877,8	5753,7	6506,5	4834,8	5226,3	3235,2	1968,0
related to housing rights of citizens, housing and community amenities, and equipping localities with services and utilities	36,3	49,9	75,9	79,2	110,3	113,3	111,7	80,5	68,2	59,2
related to trade, public catering, consumer services, finance and business activities	89,5	868,1	555,4	361,5	482,2	508,4	526,4	519,7	392,8	322,8
related to standardisation, product quality, weights, measures and certification	6,6	27,2	25,9	23,0	26,3	21,6	20,0	20,1	16,8	7,4
encroachment on public safety and order	1251,4	2291,7	1142,4	730,2	913,0	952,6	1096,3	1268,3	1194,4	837,0
of which										
minor hooliganism	290,2	541,5	252,8	168,4	182,6	207,4	239,1	229,5	205,7	141,2
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	700,6	1459,2	690,3	361,5	462,7	471,0	556,8	697,1	622,7	374,4
encroachment on the established procedures ¹	327,0	576,9	576,4	620,7	798,2	965,5	920,0	978,0	1051,7	844,5
infringement on popular declaration of intend and the established order of its implementation	—	—	—	—	0,0	0,0	0,0	0,2	0,0	0,3

¹ Including corruption administrative violation

In 2012, the courts with court decisions have considered 497,3 thsd. cases on administrative proceedings, among which 364,2 thsd. were with claims adjustment.

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

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

	1990		1995		2000		2005		2012	
	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	379,2	345,7	453,3	429,4	911,4	867,1	1116,2	1040,9	1278,2	975,7
of which										
reinstatement	3,8	1,8	3,6	2,0	5,5	3,1	3,8	2,2	3,2	1,2
payment of wages	1,1	0,7	0,9	0,7	237,6	232,3	56,0	53,5	10,4	6,6
indemnification of financial damage, inflicted by employees to state enterprise, establishment, organisation	9,8	8,4	1,8	1,7	1,8	1,6	0,7	0,6	0,8	0,4
divorce	172,2	164,4	172,4	168,7	156,9	154,8	140,7	138,8	142,9	117,9

23.15. State notary services

(source: the Ministry of Justice of Ukraine)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total state notary offices	729	822	795	826	821	822	822	844	843	835	833
Total notary actions (will witnessing, heritage certificates issuing, execution of court orders, etc), thsd.	4532	8216	3920	4094	4096	4228	4387	3591	3284	3032	2853
Total state duty for notary activities received by the budget, mln. UAH	...	22,3	50,8	71,2	89,8	98,3	102,2	101,6	62,8	65,9	81,5

In 2012, 5731 private notary who had carried out 13224 thsd. notarial actions reported to the State justice agencies.

CRIMINAL JUSTICE

23.16. Fires

(source: the State Inspection of Technogenic Safety of Ukraine)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total fires	47875	37596	53751	51432	55708	49838	48998	64743	62724	73405
Fire consequences										
total killed, persons	2067	2423	4182	4038	3983	3896	3183	2823	2872	2754
of whom children	166	149	119	126	139	92	66	95	94	87
total injured, persons	1332	1532	1912	1903	1871	1817	1648	1551	1539	1772
total rescued, persons	2073	6901	4114	3632	3224	6546	3297	5259	3304	3191
Total direct losses, mln. UAH	73,2	70,3	292,5	204,9	576,8	2945,2	486,5	669,8	804,8	863,4
Destroyed or damaged										
buildings and dwellings	8198	17704	20918	20256	23129	21043	21832	22304	23024	25152
car equipment	956	2142	2457	2555	2862	3084	3034	3195	3535	3608
Loss of livestock, heads	1386	835	675	825	528	812	1246	1720	1636	1183
Destroyed fodder, t	39191	24203	19529	15155	16024	15536	14498	11839	14697	11005

23.17. Fires, by cause

(source: the State Inspection of Technogenic Safety of Ukraine)

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total fires	47875	37596	53751	51432	55708	49838	48998	64743	62724	73405
Arsons	3640	2273	1546	1469	1644	1814	2110	2228	2491	2265
Equipment disrepair	791	294	161	141	121	117	107	121	141	139
Infractions of electric equipment and appliances, assembling and operation rules	11693	10693	10907	10965	10628	10545	10357	11710	11438	13243
Infractions of heating and heat generating equipment, assembling and operation rules	4600	3535	4022	4292	3666	3733	3950	4180	4525	5526
Careless use of fire	18408	14925	30944	29296	33738	28441	28193	41147	38887	46837
Children's mischief with fire	3931	2294	1769	1299	1324	1015	896	909	967	746
Unidentified reasons	323	11	3	3	3	2	4	1	17	75
Other reasons	4489	3571	4399	3967	4584	4171	3381	4447	4258	4574

24. NATURAL RESOURCES AND ENVIRONMENT PROTECTION

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

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

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

Recultivation of land is a complex of operations aimed at recreation of the productivity, economic value of lands and improvement of environment.

Land damage refers to actions that make land lose its economic importance or are a source of negative influence on the environment due to the damaged soil, hydrological regime and creation of a technogenic relief as a result of economic activity.

Use of fresh water – is a volume of all kinds of water (surface, subsurface, formation, mine, sea, etc) used to meet consumers' needs and collected or received from water supply units that belong to enterprises. These waters were collected or received from water supply units that belong to enterprises, water utilities and other water systems. The reuse of waste and drainage water is excluded.

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 and drinking needs is water volume used for domestic (communal) population needs (including needs of enterprise workers).

Discharge (drainage) of waste waters refers to waters that were disposed of into the natural waters and transferred to others water users.

Waste recycled waters are industrial and domestic (communal) waste waters as well as discharged water escape 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.

Use of recycled water is measured by the amount of fresh water saved by the use of water returned to the water supply system after reprocessing. It includes the use of recycled waste and drainage waters. Reused water does not include water spent in systems supplying communal and industrial heat.

Capacity of purifying facilities is maximal volume of recycled water purified in a year.

Hazardous substance is a substance of

chemical or biological origin that is present or come into the atmosphere and can directly or indirectly cause the negative impact upon the health of the human being and environment.

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 source of pollution is an enterprise, a workshop, a facility, an installation or other immovable object, which keeps its spatial coordinates during certain period of time and emits polluting substances into an atmosphere and/or in water bodies.

Mobile source of pollution is a vehicle, which movement is accompanied with emission of pollutants into an atmosphere.

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.

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.

Hazardous wastes are wastes that have physical, chemical, biological or other hazardous

properties that are or could be a danger to the environment and human health. They require special methods and means to treat them.

Hazardous wastes contain the substances with dangerous properties that lead to toxicity, explosive risk, fire risk, high reaction capability, they could have pathogenic organisms.

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.

Processing of waste products are any technological operations connected with the change of physical, chemical or biological properties of waste products, in order to their preparation for ecologically safety storage, transportation, recycling or removing.

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

Incineration is the controlled burning of solid, liquid or gaseous wastes at high temperatures.

Existence of waste is storage (temporarily accommodation before recycling or removing) and disposal of waste at sites or facilities specially allocated for this (sites for waste products accommodation, storages, landfills, complexes, constructions, sites of bowels, etc), for which the permission of the specially authorized central government body in the sphere of waste treatment is received.

Capital investment for environmental protection is all costs in a reporting year for equipment, technique, construction intended for environmental protection calculated at current prices without considering gross value added. It includes costs for construction of new enterprises, expansion, reconstruction, restoration, technical equipment of operating enterprises and plants and purchase of environmental protection equipment for long-term use.

Costs on major repair of capital assets related to environment protection are

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all costs in a reporting year for improvement works that lead to increase in future economic benefit primarily expected from the object use and to the amount of which the primary value of fixed capital increases.

Current costs on environmental protection are costs for the maintenance (upkeep and exploitation) of the object (capital assets related to environment protection) and comprises the costs of the current period.

Ecological payments include ecological tax for pollution of the environment, which charged for emissions of pollutants from stationary and mobile sources of pollution into air, discharges of pollutants and disposal of waste directly into water, the fines imposed for infringement for violation of legislation on environmental protection. Fines imposed, taken by administrative order from the officials of the fines imposed infringement are not compiled.

LAND

24.1. Lands of Ukraine

*(source: the State Agency of Land Resources of Ukraine;
as of January 1, 2013)*

	Area, thsd.ha	Percentage of total land
Total land area	60354,9	100,0
land used in agricultural production	42756,0	70,9
forest and forested land	10621,4	17,6
built areas	2535,2	4,2
land under water	2423,0	4,0
open swamp areas	980,1	1,6
other land	1039,2	1,7

24.2. Preserves and national nature parks

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Total preserves and national nature parks	21	20	31	36	38	38	39	43	45	50	63
Their area, thsd.ha	407,0	417,6	887,5	1056,5	1104,3	1107,0	1146,8	1225,7	1310,5	1382,8	1565,2

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24.3. Damaged and recultivated land

(source: the State Agency of Land Resources of Ukraine; thsd.ha)

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Damaged	17,0	3,5	1,9	2,2	1,5	3,5	1,8	2,0	1,7	1,4	1,2	1,5	1,2	1,2	1,2
Exhausted	16,4	4,6	2,8	2,6	3,6	2,0	1,4	1,8	2,0	1,1	2,0	1,1	0,2	0,8	0,5
Recultivated	19,2	8,4	3,7	2,6	2,8	1,9	1,5	2,1	1,4	1,2	1,6	0,9	0,5	0,6	0,7
of which arable land	8,9	1,5	1,5	0,8	0,7	0,5	0,4	0,3	0,5	0,2	0,3	0,2	0,2	0,2	0,4

As of end of 2012 the area of damaged soil accounted for 144,5 thsd.ha and that of exhausted to 45,8 thsd.ha.

24.4. Land protection operations

	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Construction of anti-erosion hydrotechnical installations										
earthen walls, walls-ditches, km	135,2	9,3	3,6	8,6	7,3	8,0	0,5	4,1	2,9	2,6
walls-terraces, km	5,4	10,9	6,6	2,3	2,4	2,3	0,7	0,0	0,0	0,0
walls-roads, km	16,2	2,2	1,1	2,2	1,3	1,1	2,5	0,1	0,2	1,3
anti-erosion ponds (storages of solid drainage), ha	177,0	24,0	7,0	1,5	2,0	1,8	0,0	6,6	6,7	19,2
water drainage constructions, pcs	51	18	2	2	1	2	9	12	8	25
reinforced shores, km	1,0	4,7	3,9	4,2	4,2	1,2	7,6	4,3	7,1	9,0
Alkalisation of severely degraded and chemical-polluted arable land, ha	12785,0	14974,0	6341,5	8929,9	6212,3	6021,8	3805,9	1015,2	1383,0	1195,1

24.5. Liming and plastering of soils

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Limed soil, thsd.ha	1407,9	286,6	23,9	41,7	43,9	49,0	59,7	87,8	73,2	78,3	105,3
Lime powder and other lime materials applied, thsd.t	6930,7	1597,4	169,7	243,1	283,4	300,3	334,1	406,1	340,8	340,0	432,4
Plastered soil, thsd.ha	285,4	18,1	5,1	2,7	5,7	7,9	9,8	24,6	4,4	7,2	6,3
Plaster and other plaster-containing rock applied, thsd.t	1275,9	79,2	27,0	12,1	30,4	39,9	39,2	47,0	23,4	19,9	24,0

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WATER RESOURCES

24.6. Water supply and water drainage, basic indicators

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

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Use of fresh water	30201	20338	12991	10188	10245	10995	10265	9513	9817	10086	10507
of which											
for production purposes	16247	10421	6957	5706	5783	6162	5970	5149	5511	5514	5681
for household and drinking purposes	4647	4404	3311	2409	2298	2192	2103	1956	1917	1860	1848
Discharge (drainage) of waste waters	20261	14981	10964	8900	8824	8917	8655	7692	8141	8044	8081
of which											
polluted	3199	4652	3313	3444	3891	3854	2728	1766	1744	1612	1521
of which without purification	470	912	758	896	1427	1506	616	270	312	309	292
purified according to standards	3318	1936	2100	1315	1304	1245	1357	1711	1760	1763	1800
Total waste and recycled waters	67661	51054	41523	47167	47716	48883	46260	41379	43138	45209	45806
Capacity of purifying facilities	8131	8419	7992	7688	8104	7768	7518	7581	7425	7687	7577

24.7. Use of fresh water, by region¹

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

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	30201	20338	12991	10188	10245	10995	10265	9513	9817	10086	10507
Autonomous Republic of Crimea	2735	1747	1106	791	743	784	687	767	764	792	815
oblasts											
Vinnitsya	1894	1016	696	125	121	113	107	100	110	116	115
Volyn	187	225	121	71	77	80	78	76	72	73	71
Dnipropetrovsk	3599	2752	1756	1579	1480	1461	1462	1307	1361	1407	1429
Donetsk	3419	2548	1751	1508	1562	1633	1527	1346	1467	1479	1445
Zhytomyr	282	178	107	101	137	163	166	150	159	166	164
Zakarpattia	144	104	70	44	42	38	37	35	33	31	30
Zaporizhzhya	4598	2635	1702	1076	1101	1464	1286	1007	1099	944	1186
Ivano-Frankivsk	289	219	111	104	101	103	100	93	86	96	94
Kyiv	2131	1496	1132	812	874	862	881	886	902	925	1028
Kirovohrad	270	184	86	53	45	44	46	43	40	65	50
Luhansk	1261	954	408	254	250	241	232	199	192	186	186
Lviv	552	386	219	203	195	191	187	181	175	174	158
Mykolayiv	785	500	277	194	223	233	205	195	184	189	218
Odesa	1315	719	479	330	336	360	321	336	325	338	300
Poltava	478	295	248	206	290	292	271	204	205	218	223
Rivne	268	190	125	160	159	167	174	151	159	167	172
Sumy	281	216	115	109	117	110	111	94	101	102	109
Ternopil	183	162	65	66	64	66	59	58	61	67	74
Kharkiv	785	594	408	295	292	295	317	282	287	333	334
Kherson	2161	1131	639	610	607	923	669	760	770	963	1083
Khmelnyskiy	363	269	156	102	107	127	106	89	97	95	118
Cherkasy	563	547	214	246	251	243	243	241	244	270	241
Chernivtsi	109	85	57	68	69	60	60	61	68	70	72
Chernihiv	285	235	122	149	137	154	148	142	142	141	163
cities											
Kyiv	1093	848	777	872	792	728	709	646	648	613	588
Sevastopol	171	103	44	60	73	60	76	64	66	66	41

¹ Including fresh and sea waters

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24.8. Recycled and reused water, by region

(source: the State Agency of Water Resources of Ukraine)

	Total, mln.cub.m							Share of recycled water in total water used for production purposes, percent						
	1995	2000	2005	2009	2010	2011	2012	1995	2000	2005	2009	2010	2011	2012
Ukraine	51054	41523	47167	41379	43138	45209	45806	83	86	89	89	89	89	89
Autonomous Republic of Crimea	377	252	338	281	388	320	393	73	77	79	77	79	78	80
oblasts														
Vinnitsya	195	85	573	771	802	771	970	18	12	88	93	92	93	94
Volyn	62	42	43	26	28	22	23	64	74	67	54	58	50	55
Dnipro-petrovsk	7189	5668	5375	5108	5662	6130	6159	79	82	81	84	84	84	84
Donetsk	10760	7838	7745	6797	7143	7625	7723	87	87	87	87	86	86	87
Zhytomyr	239	152	237	218	223	216	209	80	86	87	83	82	81	82
Zakarpattia	55	19	9	1	0	9	9	68	79	56	17	0	64	69
Zaporizhzhya	7723	9996	10022	10094	9932	9891	9852	79	88	92	92	92	93	91
Ivano-Frankivsk	3033	1165	2228	1640	1419	1833	1903	97	95	97	96	96	97	97
Kyiv	2822	1897	492	318	334	326	306	69	66	41	29	29	28	25
Kirovohrad	157	47	97	83	121	114	131	75	68	84	86	91	86	90
Luhansk	2719	2328	2235	2341	2437	2231	2233	85	93	95	96	96	96	96
Lviv	670	405	437	368	311	350	440	85	88	88	88	87	88	90
Mykolayiv	3395	2976	3782	3435	3557	3482	3228	96	97	98	97	97	97	97
Odesa	245	179	210	173	163	160	152	61	69	73	70	70	70	75
Poltava	1263	839	1072	936	997	1055	997	92	94	96	96	97	96	96
Rivne	3342	3160	6074	3355	3813	4011	4478	98	98	99	98	98	98	98
Sumy	504	188	191	143	182	216	199	88	82	84	86	87	89	88
Ternopil	122	71	57	34	40	46	45	72	71	69	63	67	65	63
Kharkiv	3019	1707	1669	1404	1618	1589	1582	94	94	95	93	94	91	91
Kherson	197	72	84	57	50	50	41	69	69	70	70	70	63	61
Khmelnyskiy	1188	1157	2714	2534	2534	2969	3007	95	96	98	99	98	99	98
Cherkasy	780	614	743	590	720	732	665	82	89	93	94	94	93	94
Chernivtsi	41	21	9	5	6	448	589	68	53	29	22	21	95	96
Chernihiv	249	177	213	165	145	143	139	65	74	68	62	58	57	57
cities														
Kyiv	681	465	501	477	489	444	331	61	54	49	56	57	56	48
Sevastopol	27	3	17	25	24	26	2	44	27	39	40	39	41	13

24.9. Waste recycled waters drained into the natural surface water basins in 2012, by region*(source: the State Agency of Water Resources of Ukraine; mln.cub.m)*

	Total	Including		Share of total waste recycled waters drained, percent
		without purification	insufficient purification	
Ukraine	1521	292	1229	18,8
Autonomous Republic of Crimea	97	51	46	36,3
oblasts				
Vinnytsya	1	0	1	1,2
Volyn	1	1	0	1,7
Dnipropetrovsk	383	132	251	30,2
Donetsk	558	12	546	39,4
Zhytomyr	3	0	3	1,8
Zakarpattia	2	0	2	5,9
Zaporizhzhya	71	2	69	8,1
Ivano-Frankivsk	1	0	1	1,3
Kyiv	4	0	4	0,4
Kirovohrad	5	0	5	9,3
Luhansk	101	6	95	32,4
Lviv	44	2	42	18,8
Mykolayiv	26	—	26	23,9
Odesa	103	46	57	40,9
Poltava	4	—	4	1,8
Rivne	8	0	8	7,0
Sumy	22	0	22	36,1
Ternopil	3	1	2	4,0
Kharkiv	13	6	7	3,9
Kherson	2	1	1	2,6
Khmelnyskiy	0	0	0	0,0
Cherkasy	4	2	2	1,9
Chernivtsi	2	1	1	3,6
Chernihiv	19	—	19	15,1
cities				
Kyiv	21	21	—	—
Sevastopol	23	8	15	79,3

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

ATMOSPHERE

24.10. Emission of pollutants and carbon dioxide into the atmosphere

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Emission of pollutants into the atmosphere – total	15549,4	7483,5	5908,6	6615,6	7027,6	7380,0	7210,3	6442,9	6678,0	6877,3	6821,1
of which											
by stationary sources of pollution	9439,1	5687,0	3959,4	4464,1	4822,2	4813,3	4524,9	3928,1	4131,6	4374,6	4335,3
of which											
sulfur dioxide	2782,3	1639,1	976,6	1119,5	1333,0	1313,1	1290,6	1235,2	1206,3	1333,1	1399,2
nitrogen peroxide	760,8	423,8	320,0	343,7	325,8	336,6	330,9	279,2	310,5	333,0	332,5
nitrogen oxide	7,1	7,0	6,5	5,9	5,0	6,8	21,7	12,5
carbon oxide	3273,7	1478,8	1230,6	1320,5	1357,9	1404,4	1185,2	915,5	1063,8	1066,1	1004,6
methane ¹	261,6	235,2	179,7	811,1	917,1	884,9	915,2	840,7	844,8	878,2	886,9
nonmethane volatile organic compounds ²	200,4	313,0	263,8	91,1	87,5	82,3	73,7	66,9	66,0	65,2	57,5
soot	34,5	40,4	10,7	11,1	11,3	9,9	8,3	7,3	6,5	5,1	4,8
movable sources of pollution	6110,3	1796,5	1949,2	2151,5	2205,4	2566,7	2685,4	2514,8	2546,4	2502,7	2485,8
of which											
sulphur dioxide	8,2	13,3	14,2	29,5	30,0	27,5	28,9	30,3	31,1
nitrogen peroxide	...	106,5	120,6	180,2	189,3	305,3	311,1	282,9	293,2	300,0	302,0
nitrogen oxide	2,3	2,4	2,1	2,1	2,1	2,1
carbon oxide	...	1426,8	1546,2	1654,7	1692,6	1897,1	1991,5	1872,0	1888,1	1842,1	1825,9
methane ³	...	263,2	267,0	284,5	287,6	9,2	8,6	8,1	8,2	8,0	8,0
nonmethane volatile organic compounds	5,4	7,2	290,0	308,3	291,6	293,3	285,6	280,6
soot	7,2	13,4	14,3	33,1	33,3	30,4	32,4	34,4	35,9
of which											
movable sources by mode of transport											
by automobile transport	6110,3	1796,5	1949,2	2056,0	2097,0	2294,4	2420,3	2285,0	2313,7	2255,2	2249,0
of which											
sulphur dioxide	8,2	10,5	11,0	19,5	20,1	18,7	19,8	20,5	21,5
nitrogen peroxide	...	106,5	120,6	136,2	141,3	202,7	211,6	197,8	206,1	208,3	213,5
nitrogen oxide	1,2	1,3	1,2	1,3	1,3	1,3
carbon oxide	...	1426,8	1546,2	1625,8	1657,8	1773,3	1870,5	1766,6	1782,7	1729,5	1718,9
methane ³	...	263,2	267,0	273,5	276,2	7,6	8,0	7,6	7,6	7,4	7,4
nonmethane volatile organic compounds	266,6	284,8	270,9	272,3	262,7	259,3
soot	7,2	10,0	10,7	23,4	23,8	22,1	23,8	25,3	27,0
by air, rail, water transport and manufacturing technics ⁴	95,5	108,4	272,3	265,1	229,8	232,7	247,5	236,8
of which											
sulfur dioxide	2,8	3,2	10,0	9,9	8,8	9,1	9,8	9,6
nitrogen peroxide	44,0	48,0	102,6	99,5	85,1	87,1	91,7	88,5
nitrogen oxide	1,1	1,1	0,9	0,8	0,8	0,8
carbon oxide	28,9	34,8	123,8	121,0	105,4	105,4	112,6	107,0
methane ³	11,0	11,4	1,6	0,6	0,5	0,6	0,6	0,6
nonmethane volatile organic compounds	5,4	7,2	23,4	23,5	20,7	21,0	22,9	21,3

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Table 24.10 continued

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
soot	3,4	3,6	9,7	9,5	8,3	8,6	9,1	8,9
Besides emission of carbon dioxide – total, mln.t	152,0	178,8	218,1	209,4	185,2	198,2	236,0	232,0
of which											
by stationary sources of pollution	152,0	178,8	184,0	174,2	152,8	165,0	202,2	198,2
by road transport	25,7	26,7	25,1	25,6	25,5	25,8
by air, rail, water transport and manufacturing technics	8,4	8,5	7,3	7,6	8,3	8,0

¹ In 1990, 1995, 2000 including other hydrocarbons

² In 1990, 1995, 2000 are given data emissions of volatile organic compounds

³ In 1995, 2000/2006 for road transport; in 2004/2006 for air, rail and water transport – including other hydrocarbons

⁴ Since 2007 including manufacturing technics emission

24.11. Emission of pollutants into the atmosphere, by region¹

	Total, thsd.t						Per sq.km, t					
	1995	2000	2005	2010	2011	2012	1995	2000	2005	2010	2011	2012
Ukraine	7483,5	5908,6	6615,6	6678,0	6877,3	6821,1	12,4	9,8	11,0	11,1	11,4	11,3
Autonomous Republic of Crimea	150,9	123,4	125,3	141,4	130,1	137,8	5,8	4,7	4,8	5,4	5,0	5,3
oblasts												
Vinnitsya	201,4	145,6	180,4	185,1	169,9	182,7	7,6	5,5	6,8	7,0	6,4	6,9
Volyn	48,9	35,2	50,4	57,2	52,8	50,4	2,4	1,8	2,5	2,8	2,6	2,5
Dnipropetrovsk	1106,7	939,5	1165,3	1140,5	1157,9	1173,1	34,7	29,5	36,5	35,8	36,3	36,8
Donetsk	2294,3	1795,3	1862,9	1589,9	1729,3	1714,7	86,6	67,7	70,3	60,0	65,3	64,7
Zhytomyr	67,8	61,8	72,5	87,5	86,8	85,7	2,3	2,1	2,4	2,9	2,9	2,9
Zakarpattia	36,7	40,7	65,9	87,1	89,4	72,1	2,9	3,2	5,1	6,8	7,0	5,6
Zaporizhzhya	346,1	333,3	383,4	326,1	341,2	316,0	12,7	12,3	14,1	12,0	12,5	11,6
Ivano-Frankivsk	325,7	184,8	252,2	224,9	275,9	249,1	23,4	13,3	18,1	16,2	19,8	17,9
Kyiv	209,1	167,5	170,0	269,0	278,7	308,1	7,4	6,0	6,0	9,6	9,9	11,0
Kirovohrad	133,7	80,4	70,3	72,2	73,9	73,8	5,4	3,3	2,9	2,9	3,0	3,0
Luhansk	670,5	529,2	593,6	599,2	553,5	529,5	25,1	19,8	22,2	22,4	20,7	19,8
Lviv	239,6	192,9	187,6	246,3	256,6	253,9	11,0	8,8	8,6	11,3	11,8	11,6
Mykolayiv	85,3	54,2	71,4	83,2	89,9	87,1	3,5	2,2	2,9	3,4	3,7	3,5
Odesa	127,1	113,5	141,1	181,2	173,8	169,0	3,8	3,4	4,2	5,4	5,2	5,1
Poltava	233,6	151,9	161,1	172,7	181,3	178,9	8,1	5,3	5,6	6,0	6,3	6,2
Rivne	64,6	49,7	60,9	56,2	62,5	60,4	3,2	2,5	3,0	2,8	3,1	3,0
Sumy	100,3	81,1	78,1	88,9	88,0	80,1	4,2	3,4	3,3	3,7	3,7	3,4
Ternopil	65,3	43,3	47,7	63,9	65,4	65,0	4,7	3,1	3,5	4,6	4,7	4,7
Kharkiv	367,4	268,6	301,6	281,4	303,0	319,4	11,7	8,6	9,6	9,0	9,6	10,2
Kherson	89,4	64,3	62,6	74,2	74,9	73,6	3,1	2,3	2,2	2,6	2,6	2,6
Khmelnyskiy	111,4	70,0	52,5	83,8	83,5	79,7	5,4	3,4	2,5	4,1	4,1	3,9
Cherkasy	132,9	93,1	95,5	138,6	140,2	146,4	6,4	4,5	4,6	6,6	6,7	7,0
Chernivtsi	35,0	35,1	33,6	44,6	45,4	41,1	4,3	4,3	4,1	5,5	5,6	5,1
Chernihiv	102,0	64,2	83,4	96,7	98,0	93,6	3,2	2,0	2,6	3,0	3,1	2,9
cities												
Kyiv	123,1	170,4	220,5	265,3	254,5	259,2	153,9	213,0	275,6	331,6	318,1	324,0
Sevastopol	14,7	19,6	25,8	20,9	20,9	20,7	16,3	21,8	28,7	23,2	23,2	23,0

¹ In 1995, 2000 are given data emission of pollutants from stationary sources and road transport. Since 2005 including data emission of pollutants from rail, air and water transport; since 2010 – manufacturing technics

**24.12. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2012,
by type of economic activity**

	Polluting enterprises	Pollutants			
		pollutant emissions		carbon dioxide	
		thsd.t	percent of the previous year	thsd.t	percent of the previous year
Total	8434	4335,3	99,1	198175,1	98,0
Agriculture, hunting and related services	1120	80,0	110,1	873,4	110,8
Forestry and related services	122	2,0	95,9	44,9	133,8
Fishing	8	0,0	65,4	0,3	64,4
Mining	503	882,4	103,1	4296,8	113,2
mining of fuel and energy minerals	255	772,9	104,0	2884,4	123,2
mining operations apart from fuel and energy minerals	248	109,5	97,1	1412,4	97,1
Manufacturing	3175	1272,5	91,7	81908,0	91,6
including					
production of foodstuffs, beverages and tobacco products	932	315,4	98,7	2726,3	101,8
production of coke and refined petroleum products	38	797,0	85,5	5019,6	87,3
chemical and petrochemical industry	151	614,3	90,6	6760,6	94,0
production of other non-metallic mineral products	487	468,1	84,4	6066,5	86,2
metallurgy and production of finished metal products	296	1015,8	92,2	59188,1	92,4
manufacture of machinery and equipment	357	948,4	92,0	536,3	46,1
Production and distribution of electricity, gas and water	592	1882,7	104,2	105752,9	105,1
Construction	507	20,7	110,0	613,2	102,7
Transport and communications	922	164,3	84,1	3886,5	68,1
including surface transport	266	151,3	83,8	3464,4	66,4
Other types of economic activity	1485	30,7	87,0	799,1	63,9

24.13. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns

(thsd.t)

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	9439,1	5687,0	3959,4	4464,1	4822,2	4813,3	4524,9	3928,1	4131,6	4374,6	4335,3
Autonomous Republic of Crimea	315,9	83,7	33,5	35,1	34,2	33,8	31,1	26,4	32,3	32,9	32,7
of which											
Simferopol	12,0	4,2	2,0	2,1	1,9	2,0	1,8	2,2	2,1	1,9	1,9
Armyansk	0,1	10,1	6,1	9,7	9,7	10,1	9,4	7,3	12,1	12,7	13,7
Kerch	223,2	51,4	10,6	2,5	2,4	2,4	1,8	1,6	1,9	1,8	1,7
Krasnoperekopsk	50,1	9,0	8,6	10,8	10,0	9,3	9,8	6,9	7,9	7,8	7,3
Yalta	1,5	1,2	0,8	1,3	0,8	0,7	0,6	0,5	0,4	0,5	0,5
oblasts											
Vinnitsya	180,2	127,0	80,1	107,4	135,4	152,4	130,3	114,3	103,0	87,3	101,3
of which											
Vinnitsya city	10,7	4,6	2,1	5,1	5,0	4,8	4,2	4,3	3,4	4,2	4,1
Ladyzhyn	62,9	87,1	115,3	132,0	105,3	91,6	74,8	59,3	75,6
Volyn	33,9	15,3	10,3	10,1	12,2	11,5	10,0	7,6	8,2	7,6	7,3
of which											
Lutsk	6,2	2,9	2,1	1,8	1,9	1,5	1,0	0,8	1,0	0,9	0,9
Novovolynsk	2,8	0,7	0,6	0,6	0,4	0,3	0,2	0,3	0,3
Kovel	1,7	1,1	3,6	5,0	4,2	3,6	3,5	3,2	3,0
Dnipropetrovsk	2170,1	1031,2	783,6	993,7	1101,1	1119,0	952,3	792,1	933,1	950,4	962,0
of which											
Dnipropetrovsk city	254,1	177,1	97,3	128,8	127,1	122,8	120,3	105,6	110,0	110,0	110,4
Dnieprodzerzhynsk	268,2	84,6	105,0	126,1	128,1	120,7	110,3	110,8	108,5	124,7	116,4
Zelenodolsk	79,4	108,6	150,4	142,6	146,0	133,6	173,4	205,3	219,3
Kryviy Rih	1041,7	454,7	443,4	523,9	577,5	608,5	449,4	321,6	395,0	358,6	354,6
Nikopol	68,2	38,8	28,4	24,6	28,1	32,2	25,3	20,0	26,2	25,4	22,4
Donetsk	2539,2	2136,5	1590,0	1638,1	1659,7	1653,4	1533,4	1299,8	1378,1	1525,9	1514,8
of which											
Donetsk city	171,0	298,7	197,9	168,9	140,0	125,9	101,7	80,3	80,2	71,1	71,6
Avdyivka	57,1	35,2	37,4	23,8	19,6	21,2	18,3	12,4	14,7	17,9	17,0
Vuhledar	23,2	31,8	33,0	30,9	28,1	27,1	25,9	33,6	29,5
Horlivka	79,4	130,6	50,4	45,6	44,2	37,4	27,9	26,5	28,4	25,3	21,3
Debaltseve	231,7	149,9	108,6	95,5	120,1	101,9	114,9	119,2	112,8	127,0	172,2
of which											
Svitlodarske	94,3	90,6	110,9	87,7	100,2	109,3	104,2	117,9	163,5
Dzerzhynsk	15,2	32,6	31,6	20,1	18,3	15,0	13,2	11,4	10,8	12,2	12,4
Dobropillya	8,6	34,1	42,8	45,2	55,4	37,1	39,5	35,5	26,6
Yenakiyev	125,4	174,0	74,8	66,1	62,9	65,1	74,6	69,8	67,4	83,2	77,3
Zuhres	70,8	61,3	77,6	83,6	66,3	67,7	70,8	98,7	99,4
Kirovske	35,6	57,1	61,9	57,1	64,3	57,8	50,0	57,5	59,4
Kurahove	117,2	103,4	139,1	160,2	162,8	121,9	123,9	166,2	148,4
Krasnoarmiysk	21,7	38,3	41,0	29,5	33,2	18,9	33,3	40,9	32,3
Makiyivka	305,2	121,2	103,7	124,8	123,5	131,5	110,1	64,8	58,1	53,2	46,5
Mariupol	610,2	340,4	340,4	425,7	397,3	421,1	359,3	283,9	364,3	382,4	330,4
Novy Svit	121,8	123,7	117,1	108,6	98,1	104,8	109,9	105,4	118,0
Novoamvrosiyske	0,6	6,7	9,4	12,4	12,4	3,5	3,3	4,3	4,5
Rayhorodok	32,4	48,9	49,2	45,0	36,5	43,8	48,8	60,1	53,4
Rodynske	20,6	37,1	40,1	28,9	32,7	18,5	32,9	40,5	32,0
Slovyansk	84,0	69,7	2,0	2,5	2,2	2,0	1,9	1,8	1,6	1,6	1,5
Khartsyzk	88,4	68,9	84,3	91,4	73,3	73,0	75,4	103,1	110,2
Zhytomyr	84,8	30,6	12,3	13,4	15,6	19,2	19,1	18,6	18,4	19,0	18,5
of which											
Zhytomyr city	11,1	3,7	2,1	3,0	1,9	1,8	1,7	1,5	0,9	1,3	1,4
Berdychiv	1,5	2,2	3,9	5,8	6,1	5,4	5,6	5,7	5,7
Korosten	1,2	0,8	0,8	0,6	0,6	0,6	0,5	0,6	0,8

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.13 continued

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Zakarpattia	38,2	13,2	7,7	26,6	25,6	22,9	23,2	21,4	17,4	17,2	8,1
of which											
Uzhgorod	2,2	0,8	0,7	3,1	3,2	2,9	1,7	1,4	1,4	1,1	0,6
Vynohradiv	0,2	0,0	3,0	3,0	3,0	3,0	2,6	2,0	0,6
Volovets	1,0	2,0	1,8	1,8	1,6	1,1	0,5	0,7	0,2
Zaporizhzhya	587,5	268,8	231,2	262,0	258,1	231,6	218,3	180,8	217,5	229,3	207,6
of which											
Zaporizhzhya city	246,3	143,4	135,5	153,9	149,5	147,5	130,4	94,3	109,6	117,0	92,3
Enerhodar	273,3	101,0	80,8	98,4	98,1	75,5	80,6	79,2	100,3	104,9	107,7
Ivano-Frankivsk	403,3	271,7	141,0	204,2	269,3	269,9	241,7	214,5	169,2	221,8	196,7
of which											
Ivano-Frankivsk city	5,6	2,7	0,8	0,7	0,6	0,6	0,7	0,5	0,5	0,4	0,4
Burshtyn	308,1	220,0	118,9	176,5	238,5	246,1	218,3	191,2	146,8	198,7	174,7
Kyiv	219,9	122,6	80,8	73,0	108,3	93,3	107,4	101,9	106,8	113,6	129,4
of which											
Bohuslav	0,1	3,3	3,0	1,9	2,0	1,7	1,9	1,9	1,1
Boyarka	0,1	0,4	8,0	7,1	8,0	6,4	5,4	1,1	4,0
Bila Tserkva	25,4	5,1	3,0	2,3	2,2	1,7	2,1	3,0	1,2	1,4	1,4
Ukrayinka	64,5	53,2	74,6	65,8	79,3	76,9	82,8	91,7	109,2
Yagotyn	2,5	2,2	7,5	6,5	6,0	5,4	8,8	0,2	4,6
Kirovohrad	171,7	84,3	44,7	33,0	22,6	20,2	14,2	18,2	14,8	15,2	16,8
of which											
Kirovohrad	23,4	3,6	2,2	2,4	2,9	3,1	2,9	2,1	2,2	2,4	2,3
Oleksandriya	102,4	51,8	32,1	12,5	6,7	5,8	0,2	0,3	0,2	0,4	0,2
of which											
Dymytrove	23,5	9,7	5,5	5,6	0,0	0,0	0,0	0,0	0,0
Luhansk	862,3	578,1	429,0	474,7	517,1	542,7	566,3	506,6	511,7	472,0	447,6
of which											
Luhansk city	204,4	79,5	144,2	118,8	140,8	150,6	175,8	150,4	160,7	142,6	130,5
of which Schastya	140,4	112,9	131,8	140,2	168,2	145,5	155,7	136,6	124,0
Alchevsk	78,7	104,8	102,2	115,9	101,3	97,8	89,3	96,8	106,0
Krasniy Luch	31,0	41,5	20,1	16,7	14,1	19,2	25,5	7,0	5,5	5,6	6,7
Krasnodon	26,0	73,0	93,0	90,5	94,0	13,4	14,6	13,4	14,6
of which											
Sukhodilsk	9,9	40,3	55,8	58,3	66,8	12,1	13,3	12,7	13,9
Lysychansk	129,1	42,6	32,1	45,1	40,2	37,9	37,1	34,5	31,1	33,3	22,1
Perevalsk	10,7	6,1	5,9	5,8	6,5	6,5	6,4	0,1	0,1
Samsonivka	5,2	13,5	18,1	28,9	35,1	45,4	51,4	42,2	38,7
Stakhanov	76,1	45,5	19,7	29,2	26,9	28,7	26,7	18,5	23,9	22,2	19,9
Lviv	271,9	124,6	108,6	95,8	110,6	110,5	126,4	121,0	113,2	129,4	130,7
of which											
Lviv city	13,5	5,8	3,1	2,8	2,2	2,2	1,9	1,8	2,0	1,8	1,7
Dobrotvir	73,0	51,5	59,8	52,6	59,1	48,0	39,3	46,8	48,3
Mykolayiv	98,6	34,6	11,4	24,3	21,2	22,6	25,8	24,4	21,5	25,7	25,1
of which											
Mykolayiv city	38,1	15,2	5,7	6,5	6,5	6,1	7,0	9,1	5,9	8,2	7,6
Olshanske	2,3	6,0	5,9	6,9	9,7	7,0	6,9	4,2	3,9
Odesa	129,0	42,9	23,2	40,5	42,0	35,8	34,4	25,9	29,2	30,5	28,2
of which											
Odesa city	80,6	19,1	9,4	21,1	21,8	17,5	17,6	12,4	14,4	15,2	13,1
Berezivka	0,3	1,8	2,1	1,9	1,3	0,4	0,3	0,3	0,2
Illichivsk	1,2	1,4	2,2	1,7	0,5	1,1	1,1	0,8	1,0

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

Table 24.13 continued

	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
Kotovsk	2,1	1,3	1,1	0,7	0,7	0,9	1,1	1,5	1,2
Yuzhne	2,2	2,8	2,9	2,7	2,6	2,0	2,7	2,6	2,3
Poltava	220,7	126,2	60,4	68,4	93,1	100,2	93,4	82,4	72,8	72,3	67,9
of which											
Poltava city	9,3	5,4	2,9	2,4	2,5	2,5	2,1	2,0	1,8	1,6	1,4
Komsomolsk	7,1	9,6	9,9	9,9	9,8	9,9	11,3	12,7	12,9
Kremenchuk	151,4	70,6	24,9	28,7	28,9	28,0	24,7	25,2	18,7	19,9	20,7
Rivne	63,5	25,3	14,1	17,3	17,9	18,5	16,2	10,0	12,9	17,1	14,9
of which											
Rivne city	12,0	5,1	4,2	3,3	3,9	4,4	3,5	2,1	4,5	5,9	4,7
Zdolbuniv	2,8	5,5	4,5	4,6	4,2	2,3	2,7	4,8	4,6
Sumy	117,8	42,5	26,3	26,1	28,4	29,1	29,7	29,2	31,7	35,9	30,2
of which											
Sumy city	20,5	6,3	8,0	8,6	8,1	9,3	9,5	9,4	10,4	12,9	10,9
Konotop	18,7	2,6	1,4	0,7	0,6	0,5	0,4	0,3	0,3	0,3	0,2
Shostka	14,1	2,6	1,4	0,5	0,3	0,4	0,4	0,4	0,4	0,4	0,5
Ternopil	71,6	21,9	9,2	14,8	19,4	20,5	19,2	16,3	18,5	20,4	20,9
of which											
Ternopil city	8,7	3,2	1,1	0,8	0,8	0,8	0,7	0,6	0,6	0,6	0,5
Velyki Birky	0,6	2,3	7,2	7,5	7,6	6,9	10,7	11,3	12,0
Kremenets	0,9	0,5	0,6	1,6	1,4	0,9	0,9	1,1	1,1
Kharkiv	355,9	241,2	143,7	158,7	182,4	160,1	173,1	139,4	151,9	174,1	197,6
of which											
Kharkiv city	52,8	50,6	20,6	6,9	6,7	6,2	6,0	4,7	4,9	5,0	5,3
Balakliya	4,6	9,1	9,1	12,1	11,7	1,1	0,7	3,6	0,5
Komsomolske	95,2	104,4	123,6	98,8	115,5	95,1	108,1	126,2	151,3
Chervoniy Donets	8,2	4,0	5,1	7,5	4,9	6,5	3,5	2,9	3,0
Kherson	74,7	37,5	11,6	11,0	14,8	9,4	11,9	9,4	5,3	5,8	6,4
of which											
Kherson city	51,2	24,8	8,0	9,2	13,1	7,8	10,5	8,1	3,5	4,2	4,2
Khmelnyskiy	125,2	54,4	18,4	16,0	17,9	23,4	24,5	17,8	19,1	18,7	16,4
of which											
Khmelnyskiy city	7,9	5,6	2,9	1,2	1,1	1,1	1,1	0,8	1,0	1,0	1,0
Humensi	2,2	7,2	7,1	12,6	14,3	8,6	9,4	9,5	6,9
Krasyliv	1,6	1,9	3,7	4,1	3,7	3,5	3,6	3,1	3,6
Slavuta	1,9	1,2	1,0	0,7	0,7	0,3	0,3	0,4	0,4
Starokostyantyniv	0,8	0,3	0,5	0,4	0,6	0,5	0,5	0,4	0,4
Cherkasy	129,7	63,6	28,8	39,4	40,2	38,8	43,2	56,1	61,2	62,2	69,4
of which											
Cherkasy city	31,5	22,8	16,8	21,4	19,1	18,4	19,5	31,7	32,3	30,4	35,7
Smila	1,3	1,8	1,5	0,7	0,5	0,4	0,3	0,4	0,4
Talne	0,8	2,2	2,1	1,8	1,6	0,7	0,9	1,2	1,0
Chernivtsi	25,9	10,3	4,1	5,2	4,2	4,4	3,9	3,4	3,8	3,8	2,9
of which											
Chernivtsi city	9,7	2,8	1,4	1,4	1,4	1,2	1,1	1,2	1,3	1,3	1,1
Chernihiv	81,6	38,8	20,2	37,5	40,2	39,0	44,4	43,0	47,4	49,5	45,8
of which											
Chernihiv city	29,4	9,2	8,0	12,3	13,2	13,0	18,1	19,2	19,8	23,0	21,4
Nizhyn	1,2	1,6	1,4	1,1	1,2	1,0	1,0	1,1	1,0
Olyshivka	1,3	1,6	3,4	4,3	4,5	3,6	3,3	3,3	2,6
cities											
Kyiv	54,7	53,3	32,6	33,6	26,4	26,5	27,0	43,9	28,6	33,3	32,9
Sevastopol	11,3	6,9	2,6	4,2	4,3	4,6	4,5	3,7	4,0	3,7	3,2

24.14. Pollutant emissions and carbon dioxide into the atmosphere from movable sources of pollution in 2012, by region¹

(thsd.t)

	Total pollutant emissions	Including							Besides emission of carbon dioxide, mln.t
		sulfur dioxide	nitrogen peroxide	methane	carbon oxide	nitrogen oxide	soot	nonmethane volatile organic compounds	
Ukraine	2485,8	31,1	302,0	8,0	1825,9	2,1	35,9	280,6	33,8
Autonomous Republic of Crimea	105,1	1,0	11,0	0,4	79,3	0,1	1,1	12,2	1,2
oblasts									
Vinnitsya	81,4	1,1	10,3	0,3	59,3	0,1	1,2	9,1	1,1
Volyn	43,1	0,7	6,6	0,1	30,3	0,1	1,0	4,3	0,7
Dnipropetrovsk	211,1	3,0	27,2	0,7	152,6	0,1	3,5	24,0	3,1
Donetsk	199,9	2,3	24,7	0,6	147,6	0,2	2,6	21,9	2,5
Zhytomyr	67,2	0,8	8,0	0,2	49,8	0,1	0,9	7,4	0,8
Zakarpattia	64,0	0,8	7,5	0,2	47,2	0,1	1,1	7,1	0,9
Zaporizhzhya	108,4	1,2	11,8	0,3	81,1	0,1	1,3	12,6	1,4
Ivano-Frankivsk	52,4	0,6	6,2	0,2	38,8	0,0	0,8	5,8	0,7
Kyiv	178,7	2,1	20,0	0,6	133,0	0,1	2,3	20,5	2,9
Kirovohrad	57,0	0,8	7,3	0,2	41,5	0,0	0,8	6,4	0,8
Luhansk	81,9	0,9	9,4	0,2	61,0	0,1	1,0	9,3	1,0
Lviv	123,2	1,8	16,1	0,4	89,1	0,1	2,4	13,3	1,8
Mykolayiv	62,0	0,9	9,1	0,2	44,0	0,1	1,0	6,7	0,9
Odesa	140,8	1,7	17,5	0,5	102,5	0,2	2,1	16,3	1,9
Poltava	111,0	1,9	17,0	0,3	77,7	0,1	2,1	11,8	1,7
Rivne	45,5	0,8	6,7	0,1	32,2	0,0	1,0	4,7	0,7
Sumy	49,9	0,6	5,9	0,1	37,2	0,0	0,6	5,5	0,6
Ternopil	44,1	0,7	6,2	0,1	31,5	0,0	0,8	4,8	0,7
Kharkiv	121,8	1,4	14,4	0,4	90,4	0,1	1,5	13,6	1,5
Kherson	67,2	0,8	8,1	0,3	49,4	0,1	0,9	7,6	0,9
Khmelnyskiy	63,3	0,8	8,1	0,2	46,2	0,0	1,0	7,0	0,9
Cherkasy	77,0	1,0	9,8	0,2	56,2	0,1	1,1	8,6	1,1
Chernivtsi	38,2	0,6	4,8	0,1	27,9	0,0	0,7	4,1	0,5
Chernihiv	47,8	0,6	5,4	0,2	35,7	0,0	0,5	5,4	0,6
cities									
Kyiv	226,3	2,0	21,3	0,8	171,1	0,2	2,4	28,5	2,7
Sevastopol	17,5	0,2	1,6	0,1	13,3	0,0	0,2	2,1	0,2

¹ Including emission from road, rail, air and water transport, manufacturing technics

24.15. Pollutant emissions and carbon dioxide into the atmosphere from stationary sources of pollution in 2012, 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	nonmethane volatile organic compounds	
Ukraine	4335,3	1399,2	332,5	886,9	1004,6	12,5	4,8	57,5	198,2
Autonomous Republic of Crimea	32,7	12,5	2,4	2,8	7,5	0,8	0,1	1,2	1,5
oblasts									
Vinnitsya	101,3	59,6	9,1	14,9	4,7	0,1	0,2	1,2	5,5
Volyn	7,3	0,4	0,6	3,5	1,3	0,1	0,0	0,4	0,7
Dnipropetrovsk	962,0	255,5	59,7	131,2	358,1	6,1	0,5	2,9	34,6
Donetsk	1514,8	479,7	81,0	373,3	365,7	1,6	1,0	3,4	60,7
Zhytomyr	18,5	0,7	1,9	10,2	1,5	0,1	0,2	0,7	0,8
Zakarpattia	8,1	0,0	0,9	5,6	1,1	0,0	0,1	0,1	0,2
Zaporizhzhya	207,6	83,5	30,8	3,7	69,3	0,1	0,1	1,9	12,6
Ivano-Frankivsk	196,7	139,0	15,3	12,8	3,4	0,5	0,0	2,6	11,3
Kyiv	129,4	68,9	20,8	9,6	4,1	0,2	0,1	1,3	7,3
Kirovohrad	16,8	1,3	1,6	1,3	6,1	0,1	0,1	0,7	0,9
Luhansk	447,6	93,1	33,1	128,0	126,6	0,1	0,5	7,9	20,4
Lviv	130,7	38,6	7,3	65,9	5,2	0,2	0,2	1,8	3,7
Mykolayiv	25,1	0,6	2,9	12,8	2,2	0,1	0,2	0,6	2,1
Odesa	28,2	1,5	2,9	13,2	5,2	0,0	0,0	1,8	3,1
Poltava	67,9	4,4	10,8	16,6	11,6	0,1	0,3	13,6	2,4
Rivne	14,9	0,8	4,0	0,5	3,0	1,7	0,0	0,6	1,4
Sumy	30,2	4,2	3,0	9,6	5,2	0,0	0,3	2,5	1,6
Ternopil	20,9	0,3	1,0	14,2	2,2	0,1	0,1	0,6	0,6
Kharkiv	197,6	109,7	14,7	13,7	6,2	0,2	0,3	2,8	11,8
Kherson	6,4	0,1	0,4	2,8	0,6	0,1	0,0	1,1	0,4
Khmelnyskiy	16,4	0,7	4,4	3,1	4,1	0,1	0,3	0,8	1,9
Cherkasy	69,4	19,8	8,9	20,9	3,0	0,1	0,1	1,1	3,3
Chernivtsi	2,9	0,4	0,2	0,3	0,6	0,0	0,1	0,5	0,2
Chernihiv	45,8	13,0	3,9	15,6	2,9	0,0	0,0	1,9	1,9
cities									
Kyiv	32,9	10,5	10,6	0,5	2,6	0,0	0,0	3,3	7,1
Sevastopol	3,2	0,4	0,3	0,3	0,6	0,0	0,0	0,2	0,2

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

24.16. Implementation of air protection measures in 2012

	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	449	4448,0	4671,9	177,1	146,9
including					
improvements to technological processes (including change over to other types of fuels, raw materials, etc)	70	2507,4	2779,4	36,5	20,9
construction and new gas-cleaning installations and facilities put into services	35	297,0	287,7	13,0	6,8
improvements to efficiency of current waste treatment facilities (including their modernisation, reconstruction, and repair)	170	864,6	762,0	19,9	15,0
liquidation of pollution sources	24	628,5	690,6	87,9	83,6
conversion of enterprises (shops, sectors) in order to produce other products	—	—	—	—	—
other measures	150	150,5	152,2	19,8	20,6

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

WASTES

24.17. Basic indicators for the generation and treatment of wastes¹

(thsd.t)

	2000	2005	2010		2011		2012	
			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	419191,8	1659,8	447641,2	1434,5	450726,8	1368,1
Received from the outside	56,4	172,3	30019,2	259,6	74485,4	286,7	233344,2	164,1
of which from other countries	...	6,3	4,1	0,0	40,6	2,5	113,3	5,2
Utilize	1376,2	863,4	145710,7	642,4	153687,4	597,5	143453,5	541,4
Burned off	...	71,4	1058,6	16,5	1054,5	15,6	1215,9	14,0
Transferred to the outside	646,2	2382,0	42104,2	1011,8	93511,6	898,8	320972,5	538,9
of which to other countries	...	32,3	281,3	26,6	85,8	16,7	556,6	4,0
Removed to special sites or facilities	760,6	948,5	336955,1	306,3	277106,8	138,5	289627,4	146,7
Removed to non-organised storage sites	13,2	1,8	860,9	0,4	331,4	0,0	100,0	0,0
Lost (vaporization, drain, fires, etc)	...	106,6	1367,6	188,2	433,9	57,2	519,9	56,0
Stock, end of year, mln.t	26,2	21,7	13267,5	16,2	14422,4	15,2	14910,1	14,3
per 1 sq.km, t	43,5	35,9	21984,2	26,9	23897,9	25,1	24706,0	23,7

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

² Before 2010 inclusive, data from economic activity of enterprises and organisations, since 2011, including wastes received in households

24.18. Generation of wastes, by hazard category¹

(thsd.t)

	2000	2005	2007	2008	2009	2010	2011	2012
Total	2613,2	2411,8	2585,2	2301,2	1230,3	419191,8	447641,2	450726,8
including								
1 st hazard category	13,9	12,6	12,8	10,7	3,8	5,0	4,4	3,2
2 nd hazard category	176,0	320,8	430,7	367,2	299,1	506,5	412,7	357,5
3 rd hazard category	2423,4	2078,4	2141,7	1923,3	927,4	1148,3	1017,4	1007,4
4 th hazard category	417532,0	446206,7	449358,6

¹ See the second footnote to Table 24.17

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

24.19. Stock of wastes, by hazard category

(end of year; thsd.t)

	2000	2005	2007	2008	2009	2010	2011	2012
Total	26244,1	21674,0	20131,8	21017,2	20852,3	13267455,0	14422372,1	14910104,7
including								
1 st hazard category	149,1	38,6	36,2	34,7	35,5	25,8	35,1	28,6
2 nd hazard category	1685,2	1846,9	2108,7	2164,8	2289,5	2270,7	2258,6	2249,5
3 rd hazard category	24409,8	19788,5	17986,9	18817,7	18527,3	13939,8	12864,2	12046,7
4 th hazard category	13251218,7	14407214,2	14895779,9

24.20. Wastes generation in 2012, by material¹

	Thsd.t	Percentage of the total
Total	450726,8	100,0
Used solvents	0,9	0,0
Wastes of acids, alkalis or salts	860,2	0,2
Used oils	26,5	0,0
Used chemical catalysts	1,6	0,0
Waste products of chemical preparations	9,9	0,0
Chemical sediments and residues	3001,2	0,7
Industrial drains sediments	4280,5	0,9
Waste products from medical service and biology	2,5	0,0
Metal wastes	8696,9	1,9
Glass wastes	48,1	0,0
Paper and cardboard wastes	175,4	0,0
Rubber wastes	30,9	0,0
Plastic wastes	170,3	0,0
Wood wastes	767,5	0,2
Textile wastes	18,8	0,0
Waste products containing polychlorinated biphenyl	1,1	0,0
Unusable equipment	20,8	0,0
Unusable vehicles	5,9	0,0
Waste products of accumulators and batteries	5,9	0,0
Animal and plant wastes	12850,0	2,9
Animal wastes received at manufacturing of food preparations and products	267,5	0,1
Animal excrement, urine and pus	5062,0	1,1
Household and similar wastes	9713,3	2,2
Mixed and undifferentiated materials	7528,7	1,7
Sorting residues	349,1	0,1
Conventional sediments	787,8	0,2
Dead rock from dredging	47438,8	10,5
Mineral wastes	327407,8	72,6
Combustion wastes	20345,6	4,5
Polluted soil and dead rock from dredging	37,9	0,0
Hardened, stabilized or glazed wastes	813,4	0,2

¹ Including waste generated in households

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

24.21. Generation of wastes, by region¹

(thsd.t)

	2000	2005	2010		2011		2012	
			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
Ukraine	2613,2	2411,8	419191,8	1659,8	447641,2	1434,5	450726,8	1368,1
Autonomous Republic of Crimea	67,9	126,3	2893,2	268,5	3548,6	273,8	3709,1	262,2
oblasts								
Vinnitsya	0,5	4,1	1834,6	0,7	2584,2	0,6	3132,6	0,5
Volyn	0,3	1,1	633,0	0,7	700,9	0,7	733,8	0,7
Dnipropetrovsk	980,8	296,8	282128,6	259,9	277797,1	152,9	291188,6	69,9
Donetsk	110,7	675,5	56381,3	221,8	61762,3	132,6	56650,7	140,2
Zhytomyr	0,2	6,5	565,0	5,1	572,2	4,2	866,8	17,9
Zakarpattia	6,3	191,3	169,5	8,0	140,0	10,2	561,9	4,8
Zaporizhzhya	375,9	430,0	5537,8	41,9	6393,4	29,3	6120,9	25,0
Ivano-Frankivsk	15,4	20,5	1097,9	3,4	1576,7	3,6	1782,8	10,8
Kyiv	0,6	9,1	2932,2	7,1	6626,4	2,8	3015,9	27,2
Kirovohrad	0,5	0,7	29058,6	6,2	36433,9	6,9	40091,2	11,4
Luhansk	150,4	120,7	15717,8	23,6	18493,4	25,4	16706,2	23,1
Lviv	1,1	0,8	2485,3	2,0	3461,7	1,4	3350,4	1,6
Mykolayiv	455,2	197,3	3126,9	188,8	3187,1	158,4	2475,1	187,5
Odesa	12,0	5,5	514,0	7,5	686,4	12,8	1337,2	8,3
Poltava	39,4	70,8	4436,4	215,6	5879,0	149,0	6300,2	154,8
Rivne	3,7	7,0	649,7	3,4	772,7	3,9	1281,4	2,8
Sumy	101,6	135,7	889,6	115,4	1194,5	168,9	1216,7	155,3
Ternopil	0,4	0,4	1054,3	12,3	1104,8	11,3	1001,3	11,8
Kharkiv	261,2	66,4	2643,5	153,7	2285,8	149,1	2417,5	124,0
Kherson	1,9	18,0	439,1	86,1	437,3	108,5	485,6	105,8
Khmelnyskiy	0,2	1,0	1243,1	1,2	1596,8	1,2	1471,1	1,5
Cherkasy	3,0	8,2	1526,7	7,1	2154,5	6,1	1895,4	5,5
Chernivtsi	0,1	0,5	141,8	0,1	225,1	0,1	550,6	0,1
Chernihiv	18,3	9,0	366,6	3,5	539,2	1,2	740,6	1,0
cities								
Kyiv	4,7	7,4	608,9	14,0	7190,1	11,2	1342,4	8,7
Sevastopol	0,9	1,2	116,4	2,2	297,1	8,4	300,8	5,7

¹ See the first and second footnotes to Table 24.17

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

24.22. Stock of wastes, by region¹

(end of the year, thsd.t)

	2000	2005	2010		2011		2012	
			1 st -4 th category	including 1 st -3 rd category	1 st -4 th category	including 1 st -3 rd category	1 st -4 th category	including 1 st -3 rd category
Ukraine	26244,1	21674,0	13267455,0	16236,3	14422372,1	15157,9	14910104,7	14324,8
Autonomous Republic of Crimea	636,7	966,5	47464,7	1899,8	50111,1	1899,8	53057,7	1899,8
oblasts								
Vinnitsya	5,5	1,2	25951,6	0,3	26752,7	0,4	27443,1	0,3
Volyn	0,4	0,7	17061,5	1,5	14771,6	1,7	15185,2	1,8
Dnipro- petrovsk	9114,9	951,3	9160120,2	467,0	9321093,2	509,5	9548363,4	518,6
Donetsk	2156,2	7270,1	2537181,7	1984,0	2670982,5	1041,6	2887872,5	735,8
Zhytomyr	0,9	20,4	6296,6	40,3	6646,0	44,1	7166,0	53,3
Zakarpattia	0,6	392,3	865,8	0,4	954,4	0,4	1615,3	0,2
Zaporizhzhya	6002,5	7477,1	147964,8	8280,2	151726,1	8267,2	154128,3	7659,7
Ivano- Frankivsk	640,6	48,9	35556,8	55,2	36736,8	65,3	39773,4	59,1
Kyiv	11,1	158,4	37042,0	348,3	41489,6	69,3	40335,4	74,4
Kirovohrad	14,8	15,2	235122,2	15,1	249034,4	16,3	270253,3	15,1
Luhansk	3440,3	1744,6	656910,6	901,6	1461256,9	904,8	1470871,1	877,3
Lviv	445,8	240,5	174543,8	37,5	189398,5	36,7	189765,6	36,4
Mykolayiv	1933,8	679,8	41147,8	115,9	42767,5	97,2	44579,3	104,1
Odesa	166,8	1,9	907,0	1,0	499,8	35,8	1353,4	35,7
Poltava	23,0	3,7	15009,9	31,5	16510,5	37,2	24898,1	42,0
Rivne	4,6	9,9	8738,1	13,6	26113,5	15,7	27084,9	16,7
Sumy	1245,2	1661,4	28971,5	1884,1	29932,1	1946,0	30054,1	2008,2
Ternopil	0,3	0,1	462,3	0,1	252,2	0,1	323,3	0,1
Kharkiv	65,6	8,8	39253,7	127,0	39967,8	132,6	41248,7	137,3
Kherson	149,5	6,8	221,8	20,0	200,6	24,7	539,3	37,5
Khmelnyskiy	2,4	2,0	32302,6	4,6	19281,2	4,8	7550,0	4,6
Cherkasy	7,2	2,1	4175,8	1,2	4318,7	1,1	4448,4	1,0
Chernivtsi	0,2	0,1	1738,8	0,0	1955,3	0,0	2131,2	0,0
Chernihiv	3,3	6,6	8883,2	3,6	9266,0	2,5	9723,9	2,4
cities								
Kyiv	171,4	3,1	3553,8	1,4	10147,2	1,8	9931,3	0,8
Sevastopol	0,5	0,5	6,4	1,1	205,9	1,3	408,5	2,6

¹ See the first footnote to Table 24.17

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

USE OF ENVIRONMENT, ECONOMIC INDICATORS

24.23. Capital investment and current costs for environmental protection

	1996	2000	2005	2007	2008	2009	2010	2011	2012
Capital investment and current costs, mln. UAH	2698,5	3224,3	7089,2	9691,0	12176,0	11073,5	13128,0	18490,7	20514,0
including capital investment	520,6	605,9	1775,6	3080,7	3731,4	3040,7	2761,5	6451,0	6589,3
of which capital repair of environmental facilities	232,0	233,3	312,3	517,0	809,4	554,2	498,0	843,6	635,0
current costs	2177,9	2618,4	5313,6	6610,3	8444,6	8032,8	10366,6	12039,7	13924,7
Costs index for environmental protection, percent of the previous year	...	119,5	118,4	131,6	125,6	90,9	118,6	140,8	110,9
Share of costs for environmental protection out of the Central budget funds, percent									
capital investment	7,5	7,9	8,5	9,7	19,0	20,5	8,7	4,4	1,4
current costs	1,3	1,3	2,1	2,2	2,4	4,1	2,7	2,6	2,5

24.24. Structure of capital investment for environmental protection, by purpose

(percent)

	1996	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
By purpose													
air protection and climate	22,2	17,0	22,2	23,5	38,6	30,6	37,7	44,8	39,6	41,9	41,3	39,3	37,4
purification of waste waters	50,9	52,3	46,2	47,4	41,4	41,4	30,5	26,3	24,8	29,0	26,5	11,2	12,8
waste treatment	14,8	2,8	4,3	6,0	6,1	10,5	16,9	12,6	11,3	13,2	17,2	18,4	11,1
protection and restoration of soils, surface and subsurface water	11,3	26,6	25,4	17,9	12,4	16,3	11,6	12,8	21,1	13,2	11,6	9,9	8,2
noise and vibration reduction	1,8	2,4	1,8	0,8	0,4	0,6	0,5
conservancy of biological diversity and habitat	0,3	0,5	0,3	0,6	0,7	0,6	0,3	0,6	0,9	1,1	0,7	0,2	0,2
radiation safety	0,2	0,0	0,2	0,2	0,1	19,8	29,2
researches on environmental protection	0,1	0,1	0,1	0,3	0,3	0,2	0,1
other purposes of environmental protection activity	0,5	0,8	1,6	4,6	0,8	0,6	0,9	0,4	0,2	0,3	1,9	0,4	0,5

¹ In 1996/2005 including capital investment on protection and water resources conservation

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

24.25. Structure of current costs for environmental protection, by purpose

(percent)

	1996	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
By purpose													
air protection and climate	20,1	13,4	13,5	13,2	14,6	16,5	14,4	17,3	16,0	12,9	12,7	12,3	9,6
purification of waste waters ¹	53,5	65,5	63,0	62,3	56,6	54,8	50,4	46,8	47,2	53,6	48,6	44,8	44,5
waste treatment	21,3	10,6	13,1	14,2	18,0	17,4	24,9	26,8	27,4	24,0	25,1	32,1	34,2
protection and restoration of soils, surface and subsurface water	4,1	8,8	7,8	7,3	7,5	8,2	3,0	3,4	3,4	3,0	4,6	4,9	5,3
noise and vibration reduction	0,2	0,0	0,3	0,0	0,0	0,3	0,8
conservancy of biological diversity and habitat	0,8	1,1	1,6	2,1	2,6	2,5	1,5	1,8	2,1	2,4	2,3	2,7	2,8
radiation safety	3,3	1,1	0,9	1,2	4,4	0,6	0,6
researches on environmental protection	0,4	0,5	0,6	0,6	0,5	0,4	0,5
other purposes of environmental protection activity	0,2	0,6	1,0	0,9	0,7	0,6	1,9	2,3	2,1	2,3	1,8	1,9	1,7

¹ See the footnote to Table 24.24

24.26. Selected capacities for environmental protection put into operation

	1990	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Sewage treatment facilities, thsd.cub.m per 24 hours (water-borne wastes)	343	131	74	33	56	171	37	225	86	414	30	110	52	111
including														
for industrial effluent	159	20	22	10	39	8	7	150	24	4	4	47	6	37
for municipal sewage	177	111	52	22	17	163	30	75	62	410	26	63	45	67
Reused water supply and waste systems, thsd.cub.m per 24 hours (reused water)	379	8693	20	27	4	0,1	24	6	—	2	1	14	16	80
Absorption gas traps, thsd.cub.m per hour	3710	1090	916	1205	158	2137	670	2740	1910	—	184	500	2213	3363
Enterprises and grounds for recycling, neutralization and disposal of toxic industrial, household and other waste, thsd.t	—	7	56	45	—	2	375	51	325	—	3	11	50	1300

NATURAL RESOURCES AND ENVIRONMENT PROTECTION

24.27. Ecological payments

(mln. UAH)

	1996	2000	2005	2006	2007	2008	2009	2010	2011	2012
Shown an ecological tax ¹ for	340,5	228,8	374,6	863,5	955,7	1065,3	1198,7	1361,2	1990,0	2028,6
pollutant emissions into the air	267,2	125,3	213,2	501,9	558,7	627,1	702,2	795,9	1438,1	1386,8
from stationary sources of pollutant	264,9	112,8	189,3	453,5	501,5	563,1	634,6	716,8	1256,4	1271,9
from mobile sources of pollutant	2,3	12,5	23,9	48,4	57,2	64,0	67,6	79,1	181,7	114,8
pollutant emissions directly into waters	30,8	29,9	38,4	69,8	75,0	69,7	88,0	93,7	60,3	74,3
accommodation of waste at sites or facilities specially allocated for this, excluding disposal of separate kinds of waste as secondary resources	42,5	73,6	123,0	291,8	322,0	368,5	408,5	471,6	491,6	567,5
Shown an fines imposed for infringement of environmental protection legislation	12,7	5,6	5,2	7,9	24,6	6,1	10,9	147,5	132,8	19,3
Share of the paid ecological tax in the total sum of the imposed one, percent	18,3	36,2	97,6	85,4	102,7	97,8	92,4	90,3	91,7	95,2

¹ Before 2010 inclusive, duties for environmental pollution

25. INTERNATIONAL COMPARISONS¹

25.1. Area and population in 2011

Country	Area, thsd.sq.km	Population on average per year, mln.	Population density, persons per 1 sq.km	Capital population, mln.	Capital
Ukraine	603,5	45,5	75	2,8	Kyiv
Austria	83,9	8,4	100	1,7	Vienna
Azerbaijan	86,6	9,2	106	2,1	Baku
Belgium	30,5	11,0	362	1,1	Brussels
Belarus	207,6	9,5	46	1,9	Minsk
Bulgaria	111,0	7,3	66	1,2	Sofia
United Kingdom	242,9	62,7	258	9,0	London
Armenia	29,7	3,3	110	1,1	Yerevan
Greece	132,0	11,3	86	3,4	Athens
Georgia ²	69,7	4,5	64	1,1	Tbilisi
Denmark	43,1	5,6	129	1,2	Copenhagen
Estonia	45,2	1,3	30	0,4	Tallinn
Israel	22,1	0,8	Jerusalem
Ireland	70,3	4,6	65	1,1	Dublin
Spain	506,0	46,1	91	6,6	Madrid
Italy	301,3	60,7	202	3,3	Rome
Kazakhstan	2724,9	16,6	6	0,7	Astana
Canada	9970,6	34,5	3	1,2	Toronto
Kyrgyzstan	199,9	0,8	Bishkek
Latvia	64,6	2,1	32	0,7	Riga
Lithuania	65,3	3,0	46	0,5	Vilnius
Luxembourg	2,6	0,5	200	0,01	Luxemburg

¹ Information is available from the United Nations Economic Commission for Europe statistical data base

INTERNATIONAL COMPARISONS

Table 25.1 continued

Country	Area, thsd.sq.km	Population on average per year, mln.	Population density, persons per 1 sq.km	Capital population, mln.	Capital
Macedonia	25,7	2,1	80	0,5	Skopje
Moldova, Republic of ³	33,8	3,6	105	0,7	Chisinau
Netherlands	41,5	16,7	402	1,1	Amsterdam
Germany	357,0	81,8	229	3,5	Berlin
Norway	323,8	5,0	15	0,9	Oslo
Poland	312,7	38,5	123	1,7	Warsaw
Portugal	92,0	10,7	115	2,8	Lisbon
Russian Federation	17075,4	143,0	8	11,6	Moscow
Romania	238,4	21,4	90	1,7	Bucharest
Slovakia	49,0	5,4	110	0,4	Bratislava
Slovenia	20,2	2,1	101	0,3	Ljubljana
USA	9629,1	312,0	32	4,7	Washington
Tajikistan	143,1	7,7	54	0,7	Dushanbe
Turkey	774,8	74,0	96	4,2	Ankara
Turkmenistan	488,1	0,7	Ashgabat
Hungary	93,0	10,0	107	1,7	Budapest
Uzbekistan	447,4	2,2	Tashkent
Finland	338,2	5,4	16	1,1	Helsinki
France	551,5	65,1	118	10,6	Paris
Croatia	56,5	4,3	78	0,7	Zagreb
Czech Republic	78,9	10,5	133	1,3	Prague
Montenegro	13,8	0,6	45	0,2	Podgorica
Switzerland	41,3	7,9	192	0,4	Bern
Sweden	450,0	9,5	21	1,4	Stockholm

² Excluding data for Abkhazia and South Ossetia³ Without left bank of the river Dnister and territory of Bendery town

INTERNATIONAL COMPARISONS

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Ukraine	1,4	1,1	1,1	1,1	1,2	1,2	1,2	1,3	1,3	1,5	1,5	1,4	1,5
Austria	1,4	1,4	1,3	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Azerbaijan	2,3	2,0	1,8	1,8	1,9	2,0	2,3	2,3	2,3	2,3	2,3	2,3	...
Belgium	1,6	1,6	1,6	1,6	1,6	1,7	1,7	1,8	1,8	1,8	1,8	1,9	1,8
Belarus	1,4	1,3	1,3	1,2	1,2	1,2	1,2	1,3	1,4	1,5	1,5	1,5	...
Bulgaria	1,2	1,3	1,2	1,2	1,2	1,3	1,3	1,4	1,4	1,5	1,6	1,5	1,5
United Kingdom	1,7	1,6	1,6	1,6	1,7	1,8	1,8	1,8	1,9	2,0	1,9	2,0	2,0
Armenia	1,6	1,3	1,2	1,2	1,4	1,4	1,4	1,4	1,4	1,4	1,6	1,6	...
Greece	1,3	1,3	1,2	1,3	1,3	1,3	1,3	1,4	1,4	1,5	1,5	1,5	1,4
Georgia ¹	1,5	1,5	1,4	1,4	1,4	1,5	1,4	1,4	1,4	1,7	1,9	1,8	...
Denmark	1,8	1,8	1,7	1,7	1,8	1,8	1,8	1,8	1,8	1,9	1,8	1,9	1,8
Estonia	1,4	1,4	1,3	1,4	1,4	1,5	1,5	1,6	1,6	1,6	1,6	1,6	1,5
Israel	2,9	3,0	2,9	2,9	3,0	2,9	2,8	2,9	2,9	3,0	3,0	3,0	...
Ireland	1,8	1,9	1,9	2,0	2,0	1,9	1,9	1,9	2,0	2,1	2,1	2,1	2,0
Spain	1,2	1,2	1,2	1,3	1,3	1,3	1,3	1,4	1,4	1,5	1,4	1,4	1,4
Italy	1,2	1,3	1,2	1,3	1,3	1,3	1,3	1,4	1,4	1,4	1,4	1,4	1,4
Kazakhstan	2,2	1,8	1,8	1,9	2,0	2,2	2,2	2,4	2,5	2,7	2,7	2,6	...
Canada	1,6	1,5	1,5	1,5	1,5	1,5	1,5	1,6	1,7	1,7	1,7	1,6	...
Kyrgyzstan	3,1	2,4	2,4	2,5	2,5	2,6	2,5	2,7	2,8	2,8	2,9	3,1	...
Latvia	1,3	1,2	1,2	1,2	1,3	1,2	1,3	1,4	1,4	1,4	1,3	1,2	1,3
Lithuania	1,6	1,4	1,3	1,2	1,3	1,3	1,3	1,3	1,4	1,5	1,6	1,6	1,8
Luxembourg	1,7	1,8	1,7	1,6	1,6	1,7	1,6	1,6	1,6	1,6	1,6	1,6	1,5

INTERNATIONAL COMPARISONS

Table 25.2 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Macedonia	2,1	1,9	1,7	1,8	1,8	1,5	1,5	1,5	1,5	1,5	1,5	1,6	1,5
Moldova, Republic of ²	1,8	1,3	1,2	1,2	1,2	1,3	1,2	1,2	1,2	1,3	1,3	1,3	1,3
Netherlands	1,5	1,7	1,7	1,7	1,8	1,7	1,7	1,7	1,7	1,8	1,8	1,8	1,8
Germany	1,2	1,4	1,4	1,3	1,3	1,4	1,3	1,3	1,4	1,4	1,4	1,4	1,4
Norway	1,9	1,8	1,8	1,8	1,8	1,8	1,8	1,9	1,9	2,0	2,0	2,0	1,9
Poland	1,6	1,4	1,3	1,2	1,2	1,2	1,2	1,3	1,3	1,4	1,4	1,4	1,3
Portugal	1,4	1,6	1,4	1,5	1,4	1,4	1,4	1,4	1,3	1,4	1,3	1,4	1,4
Russian Federation	1,3	1,2	1,2	1,3	1,3	1,3	1,3	1,3	1,4	1,5	1,5	1,6	...
Romania	1,3	1,3	1,3	1,2	1,3	1,3	1,3	1,3	1,3	1,4	1,4	1,3	1,2
Slovakia	1,5	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,3	1,4	1,4	1,4
Slovenia	1,3	1,3	1,2	1,2	1,2	1,2	1,3	1,3	1,4	1,5	1,5	1,6	1,6
USA	2,0	2,1	2,0	2,0	2,0	2,0	2,1	2,1	2,1	2,1	...	1,9	1,9
Tajikistan	4,2	3,5	3,5	3,5	3,4	3,4	3,3	3,3	3,6	3,6	3,6	3,6	...
Turkey	2,8	2,3	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,1	2,1	2,0	...
Turkmenistan	3,5	2,9	2,8	2,6	2,6	2,6	2,6	2,6
Hungary	1,6	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,4	1,3	1,2	1,2
Uzbekistan	3,6	2,6	2,5	2,5	2,4	2,5	2,4	2,4	2,6	2,6	2,5
Finland	1,8	1,7	1,7	1,7	1,8	1,8	1,8	1,8	1,8	1,8	1,9	1,9	1,8
France	1,7	1,9	1,9	1,9	1,9	1,9	1,9	2,0	2,0	2,0	2,0	2,0	2,0
Croatia	1,6	1,4	1,3	1,3	1,3	1,4	1,4	1,4	1,4	1,5	1,5	1,5	...
Czech Republic	1,3	1,1	1,1	1,2	1,2	1,2	1,3	1,3	1,4	1,5	1,5	1,5	1,4
Montenegro	...	1,8	1,8	1,9	1,8	1,7	1,6	1,6	1,7	1,8	1,8	1,7	1,6
Switzerland	1,5	1,5	1,4	1,4	1,4	1,4	1,4	1,4	1,5	1,5	1,5	1,5	1,5
Sweden	1,7	1,5	1,6	1,6	1,7	1,8	1,8	1,8	1,9	1,9	1,9	2,0	1,9

¹ See the second footnote to Table 25.1² See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS

25.3. Females life expectancy at birth

(years)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Ukraine¹	72,7	73,6	74,1	74,1	74,1	74,1	74,0	74,1	74,2	74,3	74,9	75,5	75,9
Austria	80,1	81,2	81,7	81,7	81,5	82,1	82,2	82,8	83,1	83,3	83,2	83,5	83,9
Azerbaijan	72,9	75,1	75,2	75,0	75,1	75,2	75,1	75,4	75,5	76,3	76,3	76,0	...
Belgium	80,4	81,0	81,2	81,2	81,1	81,9	81,9	82,3	82,6	82,6	82,8	83,0	...
Belarus	74,3	74,7	74,5	74,1	74,7	75,0	75,1	75,5	76,2	76,5	...	76,5	76,7
Bulgaria	74,9	75,0	75,4	75,5	75,9	76,2	76,2	76,3	76,7	77,0	77,4	77,4	77,8
United Kingdom	79,4	80,4	80,6	80,7	80,6	81,2	81,4	81,8	81,9	82,0	82,6	82,6	...
Armenia	74,9	75,8	76,1	75,9	75,8	76,4	76,5	76,0	76,8	76,7	76,7
Greece	80,0	80,6	81,0	81,1	81,2	81,3	81,6	81,9	81,8	82,3	82,7	82,8	83,1
Georgia ²	...	74,9	74,8	74,9	75,3	75,1	77,4	78,4	79,3	78,8	77,5	78,8	78,6
Denmark	77,9	79,2	79,3	79,4	79,8	80,2	80,5	80,7	80,6	81,0	81,1	81,4	81,9
Estonia	74,3	76,2	76,4	77,0	77,1	77,8	78,1	78,6	78,8	79,5	80,2	80,8	81,3
Israel	79,4	81,1	81,6	81,5	81,7	82,2	82,1	82,5	82,5	83,1	83,9
Ireland	78,3	79,2	79,9	80,5	80,8	81,3	81,6	82,1	82,1	82,4	82,5	83,2	82,8
Spain	81,8	82,9	83,3	83,3	83,1	83,8	83,7	84,5	84,4	84,6	84,9	85,3	85,4
Italy	81,5	82,8	83,1	83,2	82,8	83,8	83,6	84,2	84,2	84,5	84,6
Kazakhstan	70,4	71,6	71,4	71,6	71,5	72,0	71,7	72,0	72,3	72,5	73,6	73,5	...
Canada	81,0	81,7	81,9	82,0	82,2	82,3	82,5	82,8	83,0	83,1	83,3
Kyrgyzstan	69,9	72,0	73,0	72,1	71,9	72,2	71,8	71,7	72,3	72,7	73,3	73,7	...
Latvia	72,9	76,1	75,7	76,1	76,0	76,3	76,6	76,4	76,5	77,8	78,0	78,4	78,8
Lithuania	75,1	77,5	77,5	77,4	77,7	77,7	77,4	77,1	77,3	77,7	78,8	79,0	...
Luxembourg	80,6	81,3	80,7	81,5	80,8	82,4	82,3	81,9	82,2	83,1	83,3	83,5	83,6

INTERNATIONAL COMPARISONS

Table 25.3 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Macedonia	74,0	75,2	76,1	75,6	75,7	75,8	75,9	76,2	75,9	76,5	76,7	77,2	77,2
Moldova, Republic of ³	69,7	71,4	71,9	71,8	71,7	72,5	71,7	72,4	72,7	73,3	73,6	73,5	75,1
Netherlands	80,6	80,8	80,9	80,8	81,1	81,6	81,8	82,1	82,6	82,5	82,9	83,0	83,1
Germany	79,9	81,2	81,4	81,3	81,3	81,9	82,0	82,4	82,7	82,7	82,8	83,0	83,2
Norway	80,9	81,5	81,6	81,6	82,1	82,5	82,7	82,9	82,9	83,2	83,2	83,3	83,6
Poland	76,4	78,1	78,5	78,9	78,9	79,3	79,4	79,8	79,9	80,0	80,1	80,7	81,1
Portugal	79,0	80,2	80,5	80,6	80,6	81,5	81,3	82,3	82,2	82,4	82,6	82,8	84,0
Russian Federation	71,7	72,4	72,3	72,0	71,9	72,4	72,4	73,3	74,0	74,3	74,8	74,8	...
Romania	73,5	74,8	75,0	74,8	75,1	75,6	75,8	76,2	76,9	77,3	77,5	77,6	...
Slovakia	78,5	79,9	80,4	80,5	80,3	80,8	80,9	82,0	82,0	82,6	82,7	83,1	83,3
Slovenia	76,5	77,5	77,7	77,7	77,7	78,0	78,1	78,4	78,4	79,0	79,1	79,3	79,8
USA	78,9	79,3	79,4	79,5	79,6	79,9	79,9	80,2	80,4	80,6	80,9	81,1	...
Tajikistan	68,9	70,3	71,2	71,1	72,3	73,4	73,2	74,4	74,0	74,8	75,3
Turkey	67,8	72,8	73,0	73,2	73,4	73,6	73,8	74,0	74,2	74,3	74,4
Turkmenistan	67,5	71,8	72,0	71,9	72,4	72,2	72,7	72,9
Hungary	74,8	76,2	76,7	76,7	76,7	77,2	77,2	77,8	77,8	78,3	78,4	78,6	78,7
Uzbekistan	73,2	73,6	73,5	73,8	73,6	74,1	74,9	75,0	75,1
Finland	80,4	81,3	81,8	81,8	82,0	82,5	82,8	83,2	83,2	83,4	83,6	83,7	...
France	82,2	83,0	83,0	83,0	82,7	83,8	83,8	84,5	84,8	84,8	85,0	85,3	...
Croatia	78,1	78,3	78,1	78,8	78,8	79,3	79,3	79,7	79,7	79,9	...
Czech Republic	76,8	78,5	78,6	78,7	78,6	79,2	79,2	79,9	80,2	80,5	80,5	80,9	81,1
Montenegro	76,7	76,3	76,4	75,7	74,9	75,2	77,0	76,6	77,2	78,1	77,6	78,4	...
Switzerland	81,9	82,8	83,2	83,2	83,2	83,8	84,0	84,2	84,4	84,6	84,6	84,8	85,0
Sweden	81,7	82,0	82,2	82,1	82,5	82,8	82,9	83,1	83,1	83,3	83,5	83,6	83,8

¹ SSSU data for 1995, 2000/2010, are given for two consecutive years² See the second footnote to Table 25.1³ See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS

25.4. Males life expectancy at birth

(years)

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Ukraine¹	61,8	62,4	62,8	62,7	62,6	62,6	62,2	62,4	62,5	62,5	63,8	65,3	66,0
Austria	73,4	75,2	75,6	75,8	75,9	76,4	76,6	77,1	77,4	77,8	77,6	77,9	78,3
Azerbaijan	65,2	68,6	68,6	69,4	69,5	69,6	69,6	70,1	70,1	71,1	71,4	71,2	...
Belgium	73,5	74,6	74,9	75,1	75,3	76,0	76,2	76,6	77,1	76,9	77,3	77,6	...
Belarus	62,9	63,4	62,8	62,3	62,7	63,2	62,9	63,6	64,5	64,7	...	64,6	64,7
Bulgaria	67,4	68,4	68,6	68,8	68,9	69,0	69,0	69,2	69,5	69,8	70,1	70,3	70,7
United Kingdom	74,1	75,6	75,8	76,0	76,2	76,8	77,1	77,4	77,7	77,9	78,4	78,5	...
Armenia	67,3	70,1	70,0	69,8	69,9	70,3	70,3	69,7	70,3	70,2	70,5
Greece	75,0	75,5	75,9	76,2	76,5	76,6	76,8	77,2	77,1	77,7	77,8	78,4	78,5
Georgia ²	...	67,5	68,1	68,0	68,7	67,9	69,9	69,7	70,3	69,0	68,9	70,0	70,1
Denmark	72,7	74,5	74,7	74,8	75,0	75,4	76,0	76,1	76,2	76,5	76,9	77,2	77,8
Estonia	61,4	65,2	64,8	65,2	66,1	66,4	67,3	67,4	67,2	68,7	69,8	70,6	71,2
Israel	75,5	76,7	77,1	77,2	77,6	78,0	78,2	78,8	78,7	79,2	80,1
Ireland	72,8	74,0	74,5	75,2	75,8	76,4	77,2	77,3	77,4	77,8	77,4	78,7	78,3
Spain	74,4	75,8	76,4	76,5	76,4	77,1	77,1	77,9	77,9	78,3	78,7	79,1	79,4
Italy	75,0	76,9	77,1	77,4	77,1	77,9	78,0	78,5	78,7	79,1	79,4
Kazakhstan	59,3	60,2	60,6	60,9	60,6	60,7	60,4	60,7	60,8	61,9	63,7	63,7	...
Canada	75,0	76,3	76,6	77,0	77,2	77,5	77,7	78,0	78,3	78,5	78,8
Kyrgyzstan	61,3	63,8	64,5	64,1	64,1	64,2	63,8	63,5	63,8	64,6	65,1	65,5	...
Latvia	60,0	64,9	64,5	64,8	65,7	66,0	65,4	65,4	65,8	67,0	68,1	68,6	68,6
Lithuania	63,3	66,8	65,9	66,2	66,4	66,3	65,4	65,3	64,9	66,4	67,6	68,0	...
Luxembourg	73,0	74,6	75,1	74,6	74,8	76,0	76,7	76,8	76,7	78,1	78,1	77,9	78,5

INTERNATIONAL COMPARISONS

Table 25.4 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Macedonia	69,8	70,8	70,9	70,6	70,9	71,5	71,6	71,7	71,8	72,4	72,3	72,9	73,1
Moldova, Republic of ³	62,0	64,0	64,5	64,4	64,4	64,6	63,8	64,6	65,2	65,5	65,3	64,9	66,8
Netherlands	74,7	75,6	75,9	76,1	76,4	77,0	77,4	77,8	78,2	78,4	78,7	78,9	79,4
Germany	73,3	75,1	75,6	75,7	75,8	76,5	76,7	77,2	77,4	77,6	77,8	78,0	78,4
Norway	74,8	76,0	76,2	76,4	77,1	77,6	77,8	78,2	78,3	78,4	78,7	79,0	79,1
Poland	67,7	69,6	70,0	70,4	70,5	70,7	70,8	71,0	71,0	71,3	71,5	72,1	72,6
Portugal	71,7	73,2	73,5	73,8	74,2	75,0	74,9	75,5	75,9	76,2	76,5	76,7	77,6
Russian Federation	58,3	59,2	59,1	58,9	58,7	59,1	59,0	60,5	61,5	61,9	62,8	62,9	...
Romania	65,5	67,8	67,7	67,4	67,7	68,3	68,8	69,2	69,7	69,8	69,9	70,2	...
Slovakia	68,4	69,2	69,5	69,8	69,8	70,3	70,2	70,4	70,6	70,8	71,4	71,7	72,3
Slovenia	70,8	72,2	72,3	72,6	72,5	73,5	73,9	74,5	74,6	75,5	75,9	76,4	76,8
USA	72,5	74,1	74,2	74,3	74,5	74,9	74,9	75,1	75,4	75,6	76,0	76,2	...
Tajikistan	63,5	66,1	67,0	67,1	67,9	68,6	68,1	69,3	69,4	69,7	70,5
Turkey	65,6	68,1	68,2	68,4	68,6	68,8	68,9	69,1	69,3	69,4	69,5
Turkmenistan	61,9	64,9	65,4	65,2	65,8	66,1	65,8	66,2
Hungary	65,4	67,5	68,2	68,3	68,4	68,7	68,7	69,2	69,4	70,0	70,3	70,7	71,2
Uzbekistan	68,4	68,9	68,9	69,4	69,2	69,6	70,2	70,3	70,5
Finland	72,9	74,3	74,7	75,0	75,2	75,4	75,8	76,0	76,1	76,6	76,7	77,0	...
France	73,9	75,3	75,5	75,7	75,7	76,7	76,7	77,3	77,6	77,8	78,0	78,3	...
Croatia	71,1	71,2	71,1	71,9	71,8	72,5	72,3	72,4	73,0	73,5	...
Czech Republic	69,7	71,7	72,1	72,1	72,0	72,6	72,9	73,5	73,8	74,1	74,2	74,5	74,8
Montenegro	71,4	71,0	71,4	70,9	70,4	71,0	71,4	71,5	72,1	72,8	72,9	73,5	...
Switzerland	75,4	77,0	77,5	77,9	78,0	78,6	78,7	79,2	79,5	79,8	79,9	80,2	80,5
Sweden	76,2	77,4	77,6	77,7	78,0	78,4	78,5	78,8	79,0	79,2	79,4	79,6	79,9

¹ See the first footnote to Table 25.3² See the second footnote to Table 25.1³ See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS

25.5. Employment rate*(percentage of population aged 15–70)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	...	63,2	62,3	61,9	61,8	62,0	62,2	62,2	62,6	63,3	63,3	63,7	64,3	64,6
Austria	59,4	58,7	58,2	59,0	59,2	57,5	59,4	60,2	61,0	61,2	61,3	61,0	61,2	61,5
Azerbaijan	...	46,4	46,2	46,1	50,2	49,8	49,4	50,0	67,4	71,1	65,4	64,8
Belgium	50,5	52,3	50,9	51,2	51,3	52,0	53,3	53,1	53,6	53,7	53,5	54,1	53,2	53,2
Belarus	56,8	58,7	55,5	55,2	54,9	54,3	55,0	55,7	56,2	57,3	60,6	58,2
Bulgaria	52,2	50,2	51,4	50,8	49,9	50,6	49,7	51,3	52,6	53,8	53,0	52,0	52,5	53,1
United Kingdom	61,6	61,9	61,5	61,8	61,9	61,9	62,3	62,7	62,5	62,8	62,6	62,4	62,4	62,7
Armenia	...	61,2	65,4	52,2	51,1	49,0	48,4	47,2	69,7	59,5	59,2	61,2
Greece	49,2	52,3	51,5	51,9	52,5	53,3	53,2	53,4	53,4	53,5	53,7	53,9	53,2	53,0
Georgia ¹	...	64,1	66,2	65,0	66,0	64,8	61,2	63,6	64,2
Denmark	64,6	65,5	65,2	65,6	65,5	65,9	65,6	65,9	65,7	66,0	65,3	64,4	63,9	63,2
Estonia	61,6	58,2	58,3	57,2	58,6	58,8	58,5	60,4	60,4	61,1	60,9	60,6	61,5	61,7
Israel	54,2	54,4	54,4	54,2	54,6	55,1	55,4	55,8	56,5	56,6	56,9	57,3	57,4	...
Ireland	53,9	59,0	59,2	59,6	59,7	60,1	62,0	63,2	63,9	63,4	62,0	60,7	60,2	59,9
Spain	50,0	52,8	52,1	53,4	54,6	55,5	56,7	57,6	58,2	59,1	59,3	59,3	59,4	59,3
Italy	47,3	48,1	48,3	48,8	49,3	49,6	49,1	49,2	48,9	49,3	48,7	48,4	48,4	49,3
Kazakhstan	66,8	66,0	70,2	70,1	70,0	69,9	69,4	69,7	70,4	71,1	70,7	71,2
Canada	64,8	65,8	65,9	66,8	67,5	67,5	67,1	67,0	67,4	67,7	67,1	67,0	66,8	...
Kyrgyzstan	...	62,6	...	64,4	64,0	63,7	64,8	65,5	65,1	65,4	64,4	64,2
Latvia	...	56,2	56,7	58,3	57,4	57,8	57,8	59,4	60,6	62,0	60,8	59,7	58,5	59,8
Lithuania	62,9	60,3	59,1	58,5	60,2	57,4	56,6	55,9	56,3	56,7	57,7	58,1	57,4	57,8
Luxembourg	50,8	53,4	53,8	54,8	54,2	55,0	55,6	55,0	55,9	56,0	58,2	57,7	57,6	58,8

INTERNATIONAL COMPARISONS

Table 25.5 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Macedonia	...	52,9	...	52,6	54,5	51,2	54,1	54,0	54,5	55,1	55,5	55,7	55,5	55,2
Moldova, Republic of ²	...	59,9	57,9	57,2	51,6	49,7	49,0	46,3	44,8	44,3	42,8	41,6
Netherlands	59,2	63,5	64,2	64,9	64,8	64,9	64,9	65,3	66,1	66,6	66,8	65,1	64,8	65,2
Germany	57,7	57,5	57,5	57,3	57,3	56,9	58,4	59,0	59,1	59,2	59,4	59,5	60,1	60,1
Norway	69,4	73,8	73,9	74,1	72,8	72,6	72,2	71,9	72,6	73,8	72,6	71,8	71,3	71,4
Poland	58,4	56,8	56,9	55,7	54,6	54,4	54,9	54,0	53,7	54,2	54,9	55,8	56,1	55,9
Portugal	58,1	60,8	61,5	62,1	62,1	61,9	62,2	62,5	62,6	62,5	61,9	61,9	61,3	61,0
Russian Federation	50,3	50,2	50,8	51,4	52,0	52,9	...	67,8	67,7
Romania	67,2	64,4	63,2	57,8	55,9	55,6	53,9	55,0	54,8	54,5	54,4	54,8	54,3	54,9
Slovakia	59,5	59,8	60,5	59,7	60,1	60,1	59,5	59,1	58,8	59,3	58,9	59,0	59,1	59,2
Slovenia	58,7	57,4	57,7	58,1	56,4	59,0	59,2	59,3	59,7	59,5	59,4	59,2	57,9	57,5
USA	64,4	67,1	66,8	66,6	66,2	66,0	66,0	66,2	66,0	66,0	65,4	64,7	64,1	...
Turkey	53,9	58,9	48,7	48,7	48,3	48,7	48,3	45,5	45,5	46,2	47,1	48,1	49,3	49,4
Hungary	48,2	49,6	48,9	48,9	49,7	49,5	50,2	50,6	50,5	50,1	50,1	50,7	51,0	52,0
Finland	61,1	63,2	63,3	63,2	62,8	62,1	60,7	61,0	61,2	61,5	60,5	60,0	59,9	59,7
France	55,4	55,7	55,5	55,7	56,5	56,3	56,4	56,3	56,4	56,5	56,7	56,7	56,5	56,7
Croatia	53,1	51,2	50,3	51,2	49,6	49,2	48,9	48,5	47,6	46,6	45,6	45,3
Czech Republic	61,5	60,1	59,6	59,5	59,2	59,0	59,4	59,3	58,8	58,5	58,7	58,4	58,3	58,6
Montenegro	51,7	49,9	48,9	51,7	51,9	51,1	50,1
Switzerland	...	67,4	67,8	67,7	67,8	67,3	67,0	67,4	67,6	68,2	68,2	67,8	68,0	68,2
Sweden	69,1	60,4	62,7	62,7	62,8	62,5	63,2	63,4	63,7	63,9	63,3	63,3	63,7	63,9

¹ See the second footnote to Table 25.1² See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS

25.6. Growth rate (decrease) of unemployed*(percent)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	...	1,1	-1,0	0,6	0,4	0,7	1,9	0,2	0,8	0,3	-3,7	0,4	0,3	0,1
Austria	-0,3	1,0	0,7	-0,1	0,6	0,6	1,2	1,7	1,8	2,0	-0,7	0,8	1,7	1,1
Azerbaijan	12,8	6,6	1,2	1,3	1,3	1,3	1,3	1,1	...
Belgium	1,6	2,0	1,4	-0,1	-0,1	1,0	1,4	1,1	1,7	1,8	-0,2	0,7	1,4	0,2
Belarus	-6,2	0,0	-0,5	-0,8	-0,9	-0,5	2,0	1,3	1,1	2,0	0,7	0,5	-0,2	...
Bulgaria	...	-2,4	-0,8	0,2	3,0	2,6	2,7	3,3	3,2	2,6	-2,6	-4,7	-3,4	-4,3
United Kingdom	1,6	1,1	0,7	1,0	1,0	0,9	1,1	0,8	0,8	0,6	-1,7	0,5	0,4	0,8
Armenia	1,4	-2,6	2,8	-0,9	...
Greece	0,9	0,5	0,1	2,3	1,2	2,4	3,0	1,9	1,4	1,2	-0,6	-2,6	-5,6	-8,3
Georgia ¹	-1,2	6,0	2,2	-2,1	-1,3	-1,7	-2,2	0,2	-2,5	-6,0	3,4	-1,7	2,2	...
Denmark	0,8	0,5	0,9	0,0	-1,1	-0,6	1,0	2,1	2,8	1,7	-2,4	-2,3	-0,4	-0,3
Estonia	-6,2	-1,5	0,8	1,4	1,4	0,0	2,0	5,4	0,8	0,2	-10,0	-4,8	7,0	2,2
Israel	5,2	4,0	2,0	0,9	2,0	3,0	3,9	3,2	4,2	3,5	0,3	5,5	2,9	...
Ireland	4,4	4,5	3,1	1,6	1,9	3,4	4,9	4,6	4,4	-0,6	-7,8	-4,1	-1,8	-0,6
Spain	1,9	5,1	3,2	2,5	3,2	3,6	4,1	4,0	3,0	-0,1	-6,5	-2,5	-1,5	-4,2
Italy	-0,2	1,9	2,0	1,7	1,5	0,4	0,6	2,0	1,3	0,3	-1,6	-0,7	0,3	-0,3
Kazakhstan	8,0	0,2	4,1	2,8	1,1	2,0	3,1	3,0	0,6	2,7	2,3	...
Canada	1,2	2,4	2,4	1,8	1,4	1,9	2,3	1,5	-1,8	1,4	1,6	...
Kyrgyzstan	4,3	3,1	4,3	0,9	2,7	1,5	1,5	1,2	1,5	...
Latvia	-10,4	-3,2	1,2	2,9	1,9	1,2	1,6	4,9	3,6	0,9	-13,2	-4,8	-8,2	2,6
Lithuania	-11,6	-4,0	-3,8	3,6	2,2	0,0	2,5	1,8	2,8	-0,7	-6,8	-5,1	2,0	-6,7
Luxembourg	2,6	5,6	5,5	3,2	1,8	2,2	2,9	3,6	4,5	5,0	1,1	1,8	2,9	2,3

INTERNATIONAL COMPARISONS

Table 25.6 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Macedonia	...	0,3	-1,7	-0,6	-1,9	-2,2	2,1	3,2	4,3	6,2	2,5	1,5	3,1	0,5
Moldova, Republic of ²	-1,0	0,4	-9,9	-3,0	0,2	-4,7	-0,8	0,3	-5,3	-3,5	2,6	...
Netherlands	2,3	2,3	2,1	0,5	-0,5	-0,9	0,5	1,7	2,6	1,5	-0,7	-0,4	0,7	-0,1
Germany	0,4	1,7	0,3	-0,6	-0,9	0,3	-0,1	0,6	1,7	1,2	0,1	0,6	1,4	1,1
Norway	2,1	0,6	0,3	0,4	-1,2	0,5	1,3	3,5	4,1	3,3	-0,4	-0,5	1,4	2,2
Poland	...	-1,6	-2,2	-3,0	-1,2	1,1	2,2	3,2	4,5	3,9	0,4	0,5	1,0	-1,6
Portugal	-0,2	2,1	1,8	0,6	-0,6	-0,1	-0,3	0,5	0,0	0,5	-2,6	-1,5	-1,5	-4,2
Russian Federation	-1,0	4,2	0,1	2,4	-0,3	1,3	1,3	1,0	2,5	0,6	-2,4	0,7	1,3	...
Romania	-5,2	-0,8	-1,1	-10,2	0,0	-1,7	-1,5	0,7	0,4	0,0	-2,0	-0,3	-0,8	1,9
Slovakia	0,2	-2,0	0,6	0,1	1,1	-0,2	1,6	2,1	2,1	3,2	-2,0	-1,5	1,8	0,0
Slovenia	...	1,5	0,6	1,6	-0,3	0,4	-0,5	1,5	3,3	2,6	-1,8	-2,2	-1,6	-1,3
USA	1,4	2,5	0,0	-0,3	0,9	1,1	1,7	1,9	1,1	-0,4	-3,7	-0,6	0,6	1,9
Tajikistan	-0,1	0,5	4,8	1,5	1,5	10,8	1,1	1,2	0,6	0,8	2,4	0,6	0,7	...
Turkey	3,7	-2,1	-0,3	-0,8	-1,0	-7,2	2,2	1,8	1,5	2,2	0,4	6,2	6,7	3,0
Hungary	...	1,0	-0,2	-0,1	0,0	-1,0	-0,3	0,4	0,7	-1,8	-2,5	0,7	0,4	0,1
Uzbekistan	0,8	1,1	1,7	2,2	2,7	3,4	2,9	2,7	2,6	2,8	2,7	2,7	2,5	...
Finland	1,8	2,1	1,3	0,9	0,1	0,4	1,4	1,8	2,2	2,6	-2,6	-0,1	1,1	0,3
France	0,9	2,6	1,5	0,5	0,1	0,1	0,7	1,1	1,4	0,5	-1,3	-0,1	0,5	-0,2
Croatia	...	4,0	-5,4	4,2	0,6	1,7	0,7	3,9	3,5	1,1	-1,8	-5,1	-2,3	-3,9
Czech Republic	0,7	-0,8	-0,3	0,6	-0,8	-0,3	2,1	1,3	2,1	2,3	-1,8	-1,0	0,3	0,4
Montenegro	4,3	-3,7	-2,0	-6,4	...
Switzerland	-0,1	1,0	1,6	0,7	-0,4	0,3	0,7	2,1	2,6	2,4	0,4	0,7	2,5	...
Sweden	1,6	2,5	2,1	0,0	-0,6	-0,7	0,3	1,7	2,3	0,9	-2,4	1,0	2,3	0,7

¹ See the second footnote to Table 25.1² See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	...	11,6	10,9	9,6	9,1	8,6	7,2	6,8	6,4	6,4	8,8	8,1	7,9	7,5
Austria	3,9	3,6	3,6	4,2	4,3	4,9	5,2	4,8	4,4	3,8	4,8	4,4	4,2	4,3
Azerbaijan	9,2	8,0	7,3	6,6	6,3	5,9	5,7	5,6	5,4	...
Belgium	9,7	6,9	6,6	7,5	8,2	8,4	8,5	8,3	7,5	7,0	7,9	8,3	7,2	7,6
Belarus ¹	2,9	2,1	2,3	3,0	3,1	1,9	1,5	1,1	1,0	0,8	0,9	0,7	0,6	0,5
Bulgaria	16,5	16,4	19,5	18,2	13,7	12,1	10,1	9,0	6,9	5,6	6,8	10,3	11,3	12,3
United Kingdom	8,5	5,4	5,0	5,1	5,0	4,7	4,8	5,4	5,3	5,6	7,6	7,8	8,0	7,9
Armenia	38,4	35,3	31,2	31,6	31,2	27,8	28,7	16,4	18,7	19,0	18,4	17,3
Greece	9,2	11,2	10,7	10,3	9,7	10,5	9,9	8,9	8,3	7,7	9,5	12,6	17,7	24,3
Georgia ²	...	10,3	11,1	12,6	11,5	12,6	13,8	13,6	13,3	16,5	16,9	16,3	15,1	...
Denmark	6,7	4,3	4,5	4,6	5,4	5,5	4,8	3,9	3,8	3,4	6,0	7,5	7,6	7,5
Estonia	...	13,6	12,6	10,3	10,1	9,7	7,9	5,9	4,6	5,5	13,8	16,9	12,5	10,2
Israel	6,9	8,8	9,4	10,3	10,7	10,4	9,0	8,4	7,3	6,1	7,5	6,6	5,6	6,6
Ireland	12,3	4,2	3,9	4,5	4,6	4,5	4,4	4,5	4,7	6,4	12,0	13,9	14,7	14,7
Spain	20,0	11,7	10,5	11,4	11,4	10,9	9,2	8,5	8,3	11,3	18,0	20,1	21,7	25,0
Italy	11,2	10,0	9,0	8,5	8,4	8,0	7,7	6,8	6,1	6,7	7,8	8,4	8,4	10,7
Kazakhstan	...	12,8	10,4	9,3	8,8	8,4	8,1	7,8	7,3	6,6	6,6	5,8	5,4	5,3
Canada	9,5	6,8	7,2	7,7	7,6	7,2	6,8	6,3	6,0	6,1	8,3	8,0	7,4	7,2
Kyrgyzstan	12,5	9,9	8,5	8,1	8,3	8,2	8,2	8,4	8,6	8,5	...
Latvia	...	13,7	12,9	12,8	11,3	11,2	9,6	7,3	6,5	8,0	18,2	19,8	16,2	14,9
Lithuania	...	16,4	17,4	13,8	12,4	11,3	8,0	5,2	3,8	5,3	13,6	18,0	15,3	13,3
Luxembourg	2,9	2,2	1,9	2,6	3,8	5,0	4,6	4,6	4,2	4,9	5,1	4,6	4,8	5,1

INTERNATIONAL COMPARISONS

Table 25.7 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Macedonia	...	32,2	30,5	31,9	36,7	37,2	37,3	36,0	34,9	33,8	32,2	32,0	31,4	...
Moldova, Republic of ³	...	8,5	7,3	6,8	7,9	8,1	7,3	7,4	5,1	4,0	6,4	7,4	6,7	5,6
Netherlands	7,1	3,1	2,5	3,1	4,2	5,1	5,3	4,4	3,6	3,1	3,7	4,5	4,4	5,3
Germany	8,3	8,0	7,9	8,7	9,8	10,5	11,3	10,3	8,7	7,5	7,8	7,1	5,9	5,5
Norway	4,9	3,2	3,4	3,7	4,2	4,3	4,5	3,4	2,5	2,5	3,2	3,6	3,3	3,2
Poland	13,3	16,1	18,3	20,0	19,8	19,1	17,9	13,9	9,6	7,1	8,1	9,7	9,7	10,1
Portugal	7,2	4,5	4,6	5,7	7,1	7,5	8,6	8,6	8,9	8,5	10,6	12,0	12,9	15,9
Russian Federation	9,5	10,6	9,0	7,9	8,2	7,8	7,2	7,2	6,1	6,3	8,4	7,5	6,5	5,5
Romania	...	6,8	6,6	7,5	6,8	8,0	7,2	7,3	6,4	5,8	6,9	7,3	7,4	7,0
Slovakia	13,1	18,9	19,5	18,8	17,7	18,4	16,4	13,5	11,2	9,6	12,1	14,5	13,6	14,0
Slovenia	...	6,7	6,2	6,3	6,7	6,3	6,5	6,0	4,9	4,4	5,9	7,3	8,2	8,9
USA	5,6	4,0	4,8	5,8	6,0	5,5	5,1	4,6	4,6	5,8	9,3	9,6	8,9	8,1
Tajikistan ¹	1,8	2,7	2,3	2,6	2,3	2,0	2,0	2,2	2,3	2,2	2,0	2,1	2,5	...
Turkey	7,6	5,2	6,8	8,9	9,3	9,0	9,2	8,7	8,8	9,7	12,5	10,7	8,8	8,1
Hungary	5,6	6,3	5,6	5,6	5,8	6,1	7,2	7,5	7,4	7,8	10,0	11,2	10,9	10,9
Uzbekistan ¹	0,3	0,4	0,4	0,4	0,3	0,4	0,3	0,3	0,2
Finland	15,4	9,8	9,1	9,1	9,0	8,8	8,4	7,7	6,9	6,4	8,2	8,4	7,8	7,7
France	10,5	9,0	8,2	8,3	8,9	9,3	9,3	9,2	8,4	7,8	9,5	9,7	9,6	10,2
Croatia	...	16,1	15,8	15,1	14,1	13,8	12,8	11,4	9,6	8,4	9,1	11,8	13,5	15,9
Czech Republic	4,1	8,8	8,1	7,3	7,8	8,3	7,9	7,1	5,3	4,4	6,7	7,3	6,7	7,0
Montenegro	27,7	30,3	29,6	19,4	16,8	19,1	19,7	19,7	19,6
Switzerland	3,4	2,7	2,4	3,1	4,1	4,4	4,5	4,1	3,7	3,4	4,3	4,5	4,0	4,2
Sweden	8,8	5,6	5,8	6,0	6,6	7,4	7,7	7,1	6,1	6,2	8,3	8,6	7,8	8,0

¹ Registered unemployment rate end of year² See the second footnote to Table 25.1³ See the third footnote to Table 25.1

INTERNATIONAL COMPARISONS

25.8. Average monthly wages of employees

(USD)

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Ukraine	49,8	42,3	70,7	86,7	110,8	157,3	206,2	267,5	342,9	244,6	282,2	330,5
Austria	2787,2	2168,8	2366,7	2881,9	3222,8	3313,0	3466,5	3901,5	4337,8	4200,8	4059,6	4368,7
Azerbaijan	14,2	50,3	66,0	80,1	102,8	132,9	166,8	251,5	334,0	370,7	413,0	461,2
Albania	69,1	92,9	118,0	152,0	185,2	200,2	222,6	302,4	408,6	379,8	334,5	...
Belgium	2960,9	2395,7	2602,9	3177,1	3554,8	3629,4	3793,9	4252,1	4720,5	4495,6	4320,7	4689,5
Belarus	65,5	67,2	105,7	122,2	160,9	215,3	271,5	323,4	414,3	357,3	415,4	387,4
Bulgaria	113,1	107,2	126,3	160,2	187,9	207,8	233,4	304,2	402,0	427,9	434,8	...
United Kingdom	2326,8	2820,1	3020,3	3402,4	3934,0	3988,0	4211,2	4806,0	4523,1	3924,4	3980,2	4198,6
Armenia	17,4	42,1	47,7	60,1	81,4	113,8	149,7	217,0	285,7	264,3	274,7	290,2
Greece	1089,4	1064,8	1248,4	1591,0	1830,4	1915,1	1988,6	2268,9	2534,7	2555,2	2332,0	2370,5
Georgia	...	36,6	51,7	58,7	81,7	112,6	156,1	220,4	358,8	333,3	335,3	377,1
Denmark	3429,0	2832,6	3104,2	3849,2	4405,8	4544,2	4751,1	5333,4	5944,7	5871,6	5691,3	6091,3
Estonia	206,7	290,0	371,6	486,4	579,7	642,0	754,6	992,2	1213,4	1167,4	1113,6	1227,7
Israel	1444,6	1680,0	1493,1	1517,1	1573,2	1608,8	1676,0	1886,3	2250,5	2067,7	2250,4	2442,9
Ireland	2615,4	2443,1	2805,1	3566,0	4132,2	4392,2	4608,6	5258,6	5879,8	5607,0	5190,6	5575,7
Iceland	...	2875,9	2874,8	3655,4	4282,4	5486,6	5479,7	6615,6	4642,6	3416,9	3586,7	4044,4
Spain	1814,0	1431,1	1553,6	1908,6	2143,9	2226,4	2319,0	2644,6	3019,3	3006,3	2923,8	3133,2
Italy	1984,1	1665,4	1786,4	2182,3	2508,8	2589,3	2687,1	3001,0	3322,0	3152,5	3063,2	3260,6
Kazakhstan	78,5	101,1	132,6	154,6	208,2	256,3	323,5	428,2	506,4	457,8	526,4	613,1
Canada	2064,2	2296,4	2235,3	2552,0	2866,2	3257,0	3635,6	4083,3	4361,4	4101,9	4447,3	4668,0
Kyrgyzstan	...	25,7	35,9	43,9	52,5	63,7	81,4	106,4	148,2	145,6	155,3	202,0
Latvia	173,2	248,8	283,1	341,9	396,2	440,9	547,7	780,7	968,7	910,3	848,6	...
Lithuania	132,6	267,6	308,7	385,8	448,2	493,0	580,6	755,1	906,8	801,4	744,1	...
Luxemburg	3576,2	2979,3	3246,3	3956,6	4488,6	4674,6	4846,7	5509,9	6037,5	5849,9	5716,9	6102,6

INTERNATIONAL COMPARISONS

Table 25.8 continued

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Macedonia	...	273,0	295,0	368,4	421,2	433,0	472,7	540,8	627,1	681,0	651,4	692,9
Moldova, Republic of	38,1	32,8	51,0	63,9	89,5	104,7	129,2	170,1	246,1	248,9	241,1	272,0
Netherlands	2948,0	2341,4	2600,7	3208,9	3618,8	3684,9	3808,1	4314,0	4773,1	4640,0	4462,9	4751,9
Germany	2802,8	2148,4	2293,6	2787,9	3102,2	3147,7	3220,6	3572,3	3925,1	3711,0	3596,3	3916,9
Norway	2900,3	2595,5	3164,2	3766,2	4137,9	4491,0	4766,7	5510,5	6076,1	5613,3	6036,0	6792,6
Poland	396,1	494,1	594,6	635,6	693,2	791,4	841,1	987,3	1240,2	980,3	1067,1	1146,8
Portugal	1028,4	944,1	1037,2	1281,7	1441,1	1485,0	1521,6	1734,0	1925,5	1918,9	1851,6	1879,8
Russian Federation	...	79,0	139,1	179,2	233,9	302,5	391,1	531,4	693,6	592,5	698,5	806,3
Romania	138,0	133,3	162,5	201,8	253,2	327,1	388,9	551,4	668,6	577,0	597,4	...
Slovakia	325,5	415,8	486,7	634,7	760,8	832,4	913,7	1086,9	1216,2	1208,8	1204,0	1293,3
Slovenia	1079,6	1388,9	1650,9	1749,0	1860,0	2154,9	2485,2	2398,6	2393,2	2557,3
USA	2597,3	3253,9	3416,8	3526,8	3684,0	3796,1	3962,9	4153,4	4259,4	4296,8	4403,0	4537,5
Tajikistan	7,5	7,5	11,8	14,6	20,8	26,8	35,2	47,4	70,8	73,9	82,9	100,6
Turkey	801,4	...	765,6	...	1155,7	...	1089,8	...
Turkmenistan	68,0	114,8	182,7	336,5	...	484,6	...	487,6	260,9	221,5
Hungary	393,1	371,8	545,4	698,7	859,7	931,6	932,7	1136,3	1307,5	1116,2	1083,5	1176,5
Uzbekistan	35,4	...	39,2	41,3	52,2
Finland	2384,8	1997,0	2194,5	2718,5	3099,4	3205,7	3343,9	3791,6	4220,5	4133,0	4068,1	4424,1
France	2501,8	1955,9	2126,7	2605,7	2972,6	3064,9	3195,9	3581,6	3937,2	3797,8	3701,9	3976,9
Croatia	531,7	588,4	684,5	840,4	993,1	1050,3	1137,2	1316,2	1536,0	1465,3	1396,6	1459,4
Czech Republic	339,1	371,3	512,7	639,4	761,0	847,8	952,7	1126,4	1411,4	1262,6	1291,2	1408,5
Switzerland	4521,8	3425,5	3948,0	4589,2	4932,3	5053,8	5130,0	5509,9	6281,8	6339,2	6583,6	7765,5
Sweden	2358,5	2285,1	2270,5	2803,0	3198,8	3241,1	3396,6	3881,4	4175,8	3691,5	3970,1	4536,7

INTERNATIONAL COMPARISONS

25.9. GDP¹*(USD mln. at purchasing power parities of 2005)*

	1995	2000	2005	2007	2008	2009	2010	2011	2012
Ukraine	200283	181190	263007	304755	311777	265763	276791	291064	...
Austria	217986	254571	276669	297452	301724	290311	296265	304253	306662
Azerbaijan	14511	20398	38376	64523	71460	78071	82008	82085	...
Belgium	270712	311625	337297	356276	359786	349758	358208	364799	363774
Belarus	42881	58276	83492	99717	109933	110098	118621	124870	...
Bulgaria	57495	58152	75923	86081	91410	86404	86743	88340	89025
United Kingdom	1438852	1715292	1984838	2110430	2090004	2006938	2043049	2063323	2068949
Armenia	5411	6946	12559	16172	17295	14848	15177	15889	...
Greece	187213	221803	270362	295348	294716	285475	271363	252084	236001
Georgia	8322	11056	15747	19350	19797	19050	20241	21693	...
Denmark	146818	169011	179887	188938	187457	176835	179625	181608	180756
Estonia	11404	15766	22275	26362	25267	21712	22435	24293	25076
Israel	113943	144903	161426	180857	188292	190375	199862	209064	...
Ireland	77508	126397	161385	179369	175587	166006	164734	167091	168658
Spain	828449	1012496	1188755	1280256	1291672	1243302	1239326	1244504	1226846
Italy	1436033	1578262	1657393	1722346	1702432	1608893	1636619	1642732	1603817
Kazakhstan	71125	80450	131765	158840	164059	166044	178166	191528	...
Canada	817852	1001385	1135409	1193146	1201364	1168089	1205642	1234645	...
Kyrgyzstan	5617	7380	8887	9945	10781	11092	11039	11667	...
Latvia	15358	20074	29805	36310	35121	28894	28622	30190	31874
Lithuania	26648	33476	48703	57650	59329	50521	51289	54297	56327
Luxemburg	19795	26654	31766	35530	35268	33830	34817	35393	35504

INTERNATIONAL COMPARISONS

Table 25.9 continued

	1995	2000	2005	2007	2008	2009	2010	2011	2012
Macedonia	13174	14843	16045	17888	18774	18601	19140	19687	...
Moldova, Republic of	6835	6030	8492	9165	9883	9291	9950	10588	...
Netherlands	440025	536541	572898	615567	626672	603688	613524	619613	613685
Germany	2271397	2490788	2565971	2747898	2777664	2635252	2744819	2827957	2846945
Norway	164826	197492	220188	231225	231381	227599	228687	231472	238627
Poland	347243	451958	526075	596755	627348	637563	662267	692207	705116
Portugal	175738	216325	225429	234103	234083	227275	231676	228076	220850
Russian Federation	1163952	1260066	1696729	1991696	2096219	1932276	2019978	2106014	2178608
Romania	162837	153776	203056	232884	249998	233558	230875	235857	237482
Slovakia	58017	68579	87133	104311	110310	104865	109461	112992	115282
Slovenia	31790	39314	46962	53169	54968	50658	51286	51594	50388
USA	9086000	11216400	12623000	13206400	13161900	12757900	13063000	13299100	...
Tajikistan	6541	6099	9682	11120	11964	12445	13258	14239	...
Turkey	510902	625306	781237	874079	879837	837377	912788
Turkmenistan	12818	15941	20343	25070	28767	30518	33332	38231	...
Hungary	120752	139620	171223	178086	179676	167517	169723	172517	169532
Uzbekistan	32882	39725	51549	60680	66141	71498	77576	84015	...
Finland	111897	141479	161096	177175	177695	162522	167925	172589	172228
France	1502837	1718286	1860691	1950166	1948592	1887269	1919822	1958735	1959006
Croatia	46756	54752	68104	75081	76646	71321	70319	70310	...
Czech Republic	162613	178128	217657	246297	253930	242485	248529	253218	249866
Montenegro	...	4495	5163	6203	6632	6257	6411	6619	...
Switzerland	232649	257618	274901	296182	302592	296732	305734	311625	314679
Sweden	217499	258580	295291	318188	316236	300336	320029	331891	334702

¹ Here and elsewhere (Tables 25.10, 25.11) estimated data from Statistics Division of United Nations Economic Commission for Europe

INTERNATIONAL COMPARISONS

25.10. GDP annual growth rate*(at the 2005 PPPs; percent of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	-12,2	5,9	9,2	5,2	9,6	12,1	2,7	7,3	7,9	2,3	-14,8	4,1	5,2	0,2
Austria	2,7	3,7	0,9	1,7	0,9	2,6	2,4	3,7	3,7	1,4	-3,8	2,1	2,7	0,8
Azerbaijan	-11,8	11,1	9,9	10,6	11,2	10,2	26,4	34,5	25,1	10,8	9,3	5,0	0,1	...
Belgium	2,4	3,7	0,8	1,4	0,8	3,3	1,8	2,7	2,9	1,0	-2,8	2,4	1,8	-0,3
Belarus	-10,4	5,8	4,7	5,0	7,0	11,4	9,4	10,0	8,6	10,2	0,2	7,7	5,3	...
Bulgaria	...	5,7	4,2	4,7	5,5	6,7	6,4	6,5	6,4	6,2	-5,5	0,4	1,8	0,8
United Kingdom	3,2	4,2	2,9	2,4	3,8	2,9	2,8	2,6	3,6	-1,0	-4,0	1,8	1,0	0,3
Armenia	6,9	5,9	9,6	15,0	14,0	10,5	13,9	13,2	13,7	6,9	-14,1	2,2	4,7	...
Greece	2,1	4,5	4,2	3,4	5,9	4,4	2,3	5,5	3,5	-0,2	-3,1	-4,9	-7,1	-6,4
Georgia	2,6	1,8	4,8	5,5	11,1	5,9	9,6	9,4	12,3	2,3	-3,8	6,3	7,2	...
Denmark	3,1	3,5	0,7	0,5	0,4	2,3	2,4	3,4	1,6	-0,8	-5,7	1,6	1,1	-0,5
Estonia	6,5	9,7	6,3	6,6	7,8	6,3	8,9	10,1	7,5	-4,2	-14,1	3,3	8,3	3,2
Israel	...	8,5	-0,2	-0,1	1,5	4,9	4,9	5,8	5,9	4,1	1,1	5,0	4,6	...
Ireland	9,6	10,7	5,3	5,6	3,9	4,4	5,9	5,4	5,4	-2,1	-5,5	-0,8	1,4	0,9
Spain	2,8	5,0	3,7	2,7	3,1	3,3	3,6	4,1	3,5	0,9	-3,7	-0,3	0,4	-1,4
Italy	2,9	3,7	1,9	0,5	0,0	1,7	0,9	2,2	1,7	-1,2	-5,5	1,7	0,4	-2,4
Kazakhstan	-8,2	9,8	13,5	9,8	9,3	9,6	9,7	10,7	8,9	3,3	1,2	7,3	7,5	...
Canada	2,8	5,2	1,8	2,9	1,9	3,1	3,0	2,8	2,2	0,7	-2,8	3,2	2,4	...
Kyrgyzstan	-5,4	5,4	5,3	0,0	7,0	7,0	-0,2	3,1	8,5	8,4	2,9	-0,5	5,7	...
Latvia	-0,9	5,7	7,3	7,2	7,6	8,9	10,1	11,2	9,6	-3,3	-17,7	-0,9	5,5	5,6
Lithuania	5,2	3,6	6,7	6,8	10,3	7,4	7,8	7,8	9,8	2,9	-14,8	1,5	5,9	3,7
Luxemburg	1,4	8,4	2,5	4,1	1,7	4,4	5,3	4,9	6,6	-0,7	-4,1	2,9	1,7	0,3

INTERNATIONAL COMPARISONS

Table 25.10 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Macedonia	-1,1	4,6	-4,5	0,9	2,8	4,6	4,4	5,0	6,1	5,0	-0,9	2,9	2,9	...
Moldova, Republic of	-1,4	2,1	6,1	7,8	6,6	7,4	7,5	4,8	3,0	7,8	-6,0	7,1	6,4	...
Netherlands	3,1	3,9	1,9	0,1	0,3	2,2	2,0	3,4	3,9	1,8	-3,7	1,6	1,0	-1,0
Germany	1,7	3,1	1,5	0,0	-0,4	1,2	0,7	3,7	3,3	1,1	-5,1	4,2	3,0	0,7
Norway	4,2	3,3	2,0	1,5	1,0	4,0	2,6	2,3	2,7	0,1	-1,6	0,5	1,2	3,1
Poland	7,0	4,3	1,2	1,4	3,9	5,3	3,6	6,2	6,8	5,1	1,6	3,9	4,5	1,9
Portugal	4,3	3,9	2,0	0,8	-0,9	1,6	0,8	1,4	2,4	0,0	-2,9	1,9	-1,6	-3,2
Russian Federation	-4,1	10,0	5,1	4,7	7,3	7,2	6,4	8,2	8,5	5,2	-7,8	4,5	4,3	3,4
Romania	7,2	2,4	5,7	5,1	5,2	8,5	4,2	7,9	6,3	7,3	-6,6	-1,1	2,2	0,7
Slovakia	7,9	1,4	3,5	4,6	4,8	5,1	6,7	8,3	10,5	5,8	-4,9	4,4	3,2	2,0
Slovenia	...	4,3	2,9	3,8	2,9	4,4	4,0	5,8	7,0	3,4	-7,8	1,2	0,6	-2,3
USA	2,5	4,1	1,1	1,8	2,5	3,5	3,1	2,7	1,9	-0,3	-3,1	2,4	1,8	...
Tajikistan	-6,0	8,3	9,5	10,8	11,1	10,3	6,7	6,6	7,8	7,6	4,0	6,5	7,4	...
Turkey	7,2	6,8	-5,7	6,2	5,3	9,4	8,4	6,9	4,7	0,7	-4,8	9,0
Turkmenistan	-6,9	5,5	4,3	0,3	3,3	4,5	13,0	11,0	11,1	14,7	6,1	9,2	14,7	...
Hungary	1,5	4,2	3,7	4,5	3,9	4,8	4,0	3,9	0,1	0,9	-6,8	1,3	1,6	-1,7
Uzbekistan	-0,9	3,8	4,2	4,0	4,2	7,4	7,0	7,5	9,5	9,0	8,1	8,5	8,3	...
Finland	4,0	5,3	2,3	1,8	2,0	4,1	2,9	4,4	5,3	0,3	-8,5	3,3	2,8	-0,2
France	2,0	3,7	1,8	0,9	0,9	2,5	1,8	2,5	2,3	-0,1	-3,1	1,7	2,0	0,0
Croatia	...	3,8	3,7	4,9	5,4	4,1	4,3	4,9	5,1	2,1	-6,9	-1,4	0,0	...
Czech Republic	5,9	4,2	3,1	2,1	3,8	4,7	6,8	7,0	5,7	3,1	-4,5	2,5	1,9	-1,3
Montenegro	1,1	1,9	2,5	4,4	4,2	8,6	10,7	6,9	-5,7	2,5	3,2	...
Switzerland	0,5	3,7	1,2	0,2	0,0	2,4	2,7	3,8	3,8	2,2	-1,9	3,0	1,9	1,0
Sweden	3,9	4,5	1,3	2,5	2,3	4,2	3,2	4,3	3,3	-0,6	-5,0	6,6	3,7	0,8

INTERNATIONAL COMPARISONS

25.11. GDP per capita*(at the 2005 PPPs; USD)*

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	3920	3706	4337	4793	5416	5605	6058	6578	6766	5793	6050	6372	...
Austria	27425	31775	32306	32441	33073	33636	34691	35833	36193	34714	35321	36131	36257
Azerbaijan	1888	2526	3012	3316	3614	4515	5993	7397	8074	8713	9057	8948	...
Belgium	26705	30414	30824	30944	31822	32203	32846	33541	33603	32415	32914	33230	32909
Belarus	4207	5825	6456	6942	7769	8541	9439	10278	11356	11426	12362
Bulgaria	6930	7272	8055	8572	9198	9836	10503	11238	11991	11391	11513	12022	12187
United Kingdom	24797	29129	30475	31513	32273	32952	33614	34605	34040	32479	32814	32889	32714
Armenia	1679	2258	2860	3262	3602	4096	4631	5261	5617	4813	4908
Greece	17604	20316	21757	22976	23896	24348	25587	26387	26227	25302	23998	22308	20903
Georgia	1758	2502	2805	3135	3327	3610	3916	4409	4516	4319	4546	4839	...
Denmark	28072	31662	31807	31846	32499	33196	34209	34604	34133	32024	32388	32611	32336
Estonia	7875	11491	13118	14191	15146	16531	18238	19638	18843	16198	16741	18126	18718
Israel	20560	23040	22000	21925	22597	23293	24212	25189	25683	25432	26465
Ireland	21522	33226	35758	36541	37476	38794	39839	40764	39054	36573	36128	36505	36743
Spain	21033	25146	26095	26459	26882	27392	28075	28530	28330	27070	26899	26981	26576
Italy	25263	27717	28254	28021	28227	28280	28738	29008	28453	26729	27059	27053	26350
Kazakhstan	4497	5405	6747	7352	8001	8699	9526	10264	10479	10482	11117
Canada	27911	32653	33536	33813	34503	35170	35781	36181	36047	34687	35443
Kyrgyzstan	1232	1510	1565	1660	1758	1737	1774	1910	2053	2104	2070
Latvia	6180	8479	10001	10866	11960	13313	14932	16497	16127	13489	13647	14675	15668
Lithuania	7343	9566	11091	12334	13399	14693	16107	17898	18602	16004	16573	17919	18845
Luxemburg	48340	60993	63687	63932	65824	68210	70487	73912	72094	67905	68604	68143	66800

INTERNATIONAL COMPARISONS

Table 25.11 continued

	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Macedonia	6731	7325	7075	7251	7565	7877	8260	8753	9172	9071	9314	9564	...
Moldova, Republic of	1893	1657	1905	2036	2192	2362	2482	2562	2768	2606	2793	2974	...
Netherlands	28463	33698	33894	33849	34494	35111	36249	37585	38119	36530	36932	37119	36634
Germany	27815	30306	30658	30529	30891	31116	32306	33404	33824	32186	33573	34580	34754
Norway	37821	43975	45043	45225	46750	47639	48326	49134	48518	47151	46776	46734	47545
Poland	9072	11814	12137	12618	13298	13786	14655	15656	16459	16711	17194	17967	18299
Portugal	17521	21155	21439	21095	21300	21369	21607	22068	22037	21375	21780	21414	20830
Russian Federation	7845	8595	9546	10294	11090	11856	12879	14015	14767	13616	14187	14732	...
Romania	7179	6854	7835	8268	8995	9390	10148	10813	11625	10878	10773	11033	11131
Slovakia	10817	12698	13799	14456	15178	16174	17512	19329	20405	19356	20159	20767	21324
Slovenia	15985	19762	21062	21665	22607	23472	24758	26336	27185	24812	25032	25133	24499
USA	34083	39718	40086	40727	41761	42646	43366	43774	43219	41524	42169	42620	...
Tajikistan	1121	986	1149	1251	1352	1413	1476	1558	1640	1670	1751	1847	...
Turkey	8550	9732	9484	9854	10642	11394	12034	12449	12376	11622	12503
Turkmenistan	3061	3541	3625	3705	3832	4285	4701	5160	5849	6129	6611
Hungary	11805	13794	14897	15514	16295	16974	17663	17710	17899	16714	16972	17301	17053
Uzbekistan	1435	1603	1703	1760	1874	1987	2114	2289	2467	2636	2827
Finland	21907	27333	28336	28838	29940	30708	31939	33501	33443	30441	31309	32036	31819
France	25307	28296	28668	28724	29241	29554	30076	30576	30384	29279	29636	30081	29939
Croatia	10014	12370	13395	14119	14700	15327	16088	16915	17279	16098	15913	16443	...
Czech Republic	15741	17340	18390	19081	19976	21268	22689	23860	24347	23112	23631	24124	23771
Montenegro	...	6870	7367	7564	7906	8238	8940	9878	10541	9926	10153
Switzerland	32856	35736	35585	35294	35911	36647	37739	38876	39242	38038	39266	39600	39683
Sweden	24640	29146	30067	30656	31826	32701	33915	34782	34299	32298	34124	35123	35167

INTERNATIONAL COMPARISONS

25.12. Growth rate (decrease) of industrial production*(percentage of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine^{1,2}	-12,0	13,2	14,2	7,0	15,8	12,5	3,1	6,2	7,6	-5,2	-21,9	11,2	7,6	-1,8
Austria	5,1	8,7	3,1	1,0	1,8	7,0	4,0	7,1	5,8	2,3	-11,8	7,1	6,6	...
Azerbaijan	-21,4	6,8	5,0	3,8	6,1	5,5	33,7	36,5	24,0	5,9	8,7	2,5	-4,9	1,1
Belgium	6,3	-5,1	4,5	0,2	3,3	4,8	2,2	3,2	5,2	1,3	-11,9	8,7	4,1	...
Belarus	-11,7	7,7	5,9	4,5	7,1	15,9	10,5	11,4	8,7	11,5	-2,8	11,3	9,1	5,7
Bulgaria	2,1	4,7	13,0	12,8	6,9	6,0	9,6	0,6	-17,4	1,0	5,8	...
United Kingdom	1,8	2,0	-1,5	-1,6	-0,3	0,9	-0,8	0,1	0,5	-2,8	-9,1	2,1	-0,6	...
Armenia	1,4	6,3	5,3	14,6	15,2	2,0	7,6	-1,0	2,6	2,0	-7,9	9,7	14,1	14,1
Greece	1,7	10,8	-3,4	0,2	0,5	0,7	-1,6	0,8	2,3	-4,2	-9,2	-6,6	-8,0	...
Georgia	-13,2	10,6	-5,1	16,0	17,9	2,2	30,5	29,2	6,5	-4,7	-10,6	17,7	19,8	20,0
Denmark	4,0	6,6	1,4	1,0	0,2	-1,5	2,5	4,1	-1,9	-1,1	-15,0	1,8	1,8	...
Estonia	...	14,5	8,8	8,4	11,0	10,4	11,0	9,9	6,4	-5,1	-24,0	23,5	16,8	...
Israel	8,4	10,0	-5,0	-1,9	-0,3	7,0	3,6	9,9	4,4	7,5	-6,1	7,8	2,1	3,7
Ireland	19,4	14,3	11,0	8,2	5,6	1,2	4,0	3,0	5,2	-2,2	-4,5	7,5	0,0	...
Spain	4,7	4,0	-1,2	-0,1	1,5	2,0	0,2	3,7	2,4	-7,1	-16,2	0,9	-1,8	...
Italy	5,4	3,1	-0,8	-1,3	-1,0	0,9	-1,8	3,1	2,6	-3,2	-18,7	6,9	-0,6	...
Kazakhstan	-8,1	15,5	13,9	10,5	9,1	9,9	5,1	7,0	4,5	2,1	1,7	10,0	10,0	0,4
Canada	4,6	8,6	-4,0	1,6	0,1	1,6	2,0	-0,6	-0,8	-2,9	-10,8	4,9	3,7	0,9
Kyrgyzstan	-18,0	5,9	5,6	-11,0	17,1	4,5	-12,1	-10,2	7,3	14,8	-6,3	9,7	11,9	-13,9
Latvia	...	-2,6	10,5	6,9	7,8	7,2	7,1	6,5	1,1	-3,2	-18,2	14,8	9,0	...
Lithuania	...	0,3	12,1	6,7	13,5	11,3	7,1	6,5	2,4	5,5	-14,6	6,6	7,5	...
Luxemburg	1,4	-4,1	5,0	4,9	5,2	5,6	2,2	2,2	-0,2	-5,0	-16,1	9,7	-2,9	...

INTERNATIONAL COMPARISONS

Table 25.12 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Macedonia	-10,6	3,5	-3,2	-5,2	4,6	-1,3	7,1	3,5	3,8	5,4	-7,7	-4,8	3,3	-2,8
Moldova, Republic of	-3,9	8,0	13,6	10,7	15,8	8,2	7,0	-4,9	-1,2	1,4	-21,2	9,4	9,6	-3,0
Netherlands	1,0	4,6	1,2	1,0	-1,3	4,6	0,4	2,0	4,1	0,7	-7,6	7,8	-0,7	...
Germany	0,9	5,1	-0,1	-1,1	0,5	4,2	3,0	5,3	5,8	0,6	-16,4	11,2	7,4	...
Norway	5,7	3,2	-0,7	-0,9	-2,5	-0,3	0,0	-2,2	-1,2	0,5	-3,9	-5,6	-5,0	...
Poland	10,4	7,3	0,9	1,5	8,8	12,7	3,7	12,0	9,3	2,7	-3,8	11,1	6,9	...
Portugal	4,6	7,0	2,0	0,5	-1,1	-4,1	-3,8	3,1	0,3	-4,1	-8,6	1,7	-2,2	...
Russian Federation	-4,6	8,6	3,0	3,1	8,9	8,2	4,1	3,9	6,4	2,1	-9,3	8,2	4,8	2,6
Romania	9,4	31,1	3,9	-0,4	-0,8	2,7	-3,1	9,3	10,4	2,6	-5,5	5,5	5,6	...
Slovakia	8,3	6,2	3,6	7,0	15,5	3,6	-0,8	15,7	16,9	3,2	-14,2	18,2	7,2	...
Slovenia	9,9	6,2	2,9	2,4	1,4	4,9	3,5	5,7	7,2	2,5	-17,4	6,2	2,2	...
USA	4,8	4,0	-3,4	0,2	1,2	2,4	3,2	2,2	2,5	-3,4	-11,3	5,7	3,4	3,6
Tajikistan	-13,6	9,9	15,1	8,2	10,0	15,1	8,5	5,0	9,9	-4,0	-6,3	9,0	5,9	2,2
Turkey	8,5	6,0	-8,7	9,5	8,7	9,8	5,6	7,3	7,0	-0,6	-9,9	13,1	8,9	...
Hungary	4,7	16,7	3,6	3,2	6,9	7,8	6,8	9,9	7,9	-0,1	-17,6	10,5	5,6	...
Uzbekistan	0,1	5,9	7,6	8,5	6,2	9,4	7,3	11,0	11,9	13,0	9,0	8,3	6,3	7,7
Finland	5,5	16,6	0,1	1,4	0,0	5,3	-1,0	10,1	4,7	1,1	-18,0	5,7	0,8	...
France	2,2	3,1	0,8	-1,4	-1,2	2,1	-0,1	0,5	1,3	-2,5	-13,1	5,1	1,7	...
Croatia	...	1,5	5,9	5,0	3,3	3,2	4,6	4,1	4,9	1,2	-9,3	-1,4	-1,2	...
Czech Republic	8,7	3,7	7,4	4,1	1,6	10,4	3,9	8,3	10,6	-1,8	-13,6	10,3	6,5	...
Montenegro	-1,5	3,7	-0,7	0,6	2,4	13,8	-1,9	1,0	0,1	-2,0	-32,2	17,5	-10,3	-7,1
Switzerland	2,0	8,4	-0,7	-5,1	0,4	4,0	2,7	7,8	9,5	1,3	-7,9	6,3	0,9	...
Sweden	9,9	5,3	-1,0	0,0	1,5	5,7	2,5	3,1	3,4	-2,6	-18,0	9,4	5,9	...

¹ For 1995, data are based on the *General Classification of Economic Industries*; since 2000 data are based on NACE² See methodology notes to Chapter 7

INTERNATIONAL COMPARISONS

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	477,0	128,2	112,0	100,8	105,2	109,0	113,5	109,1	112,8	125,2	115,9	109,4	108,0	100,6
Austria	102,2	102,4	102,7	101,8	101,4	102,1	102,3	101,4	102,2	103,2	100,5	101,8	103,3	102,5
Azerbaijan	511,5	101,8	101,6	102,8	102,1	106,7	109,6	108,2	116,6	120,8	101,4	105,7	107,8	101,0
Belgium	101,5	102,6	102,5	101,6	101,6	102,1	102,8	101,8	101,8	104,5	100,0	102,2	103,5	102,8
Belarus	809,3	268,9	161,4	142,8	128,5	118,3	110,4	107,0	108,3	114,8	113,0	107,7	153,3	159,1
Bulgaria	162,0	110,3	107,4	105,8	102,2	106,4	105,0	107,3	108,4	112,4	102,8	102,4	104,2	103,0
United Kingdom	103,4	108,0	101,2	101,3	101,4	101,3	102,0	102,3	102,3	103,6	102,2	103,3	104,5	102,8
Armenia	276,0	99,2	103,2	101,1	104,7	107,0	100,6	102,9	104,4	109,0	103,4	108,2	107,6	102,6
Greece	108,9	103,2	103,4	103,6	103,5	102,9	103,6	103,2	102,9	104,2	101,2	104,7	103,3	101,5
Georgia	361,4	104,4	104,6	105,6	104,8	105,7	108,2	109,2	109,2	110,0	101,7	107,1	108,5	99,1
Denmark	102,1	102,9	102,4	102,4	102,1	101,2	101,8	101,9	101,7	103,4	101,3	102,3	102,8	102,4
Estonia	128,8	104,0	105,7	103,6	101,3	103,0	104,1	104,4	106,6	110,4	99,9	103,0	105,0	103,9
Israel	110,0	101,1	101,1	105,7	100,7	99,6	101,3	102,1	100,5	104,6	103,3	102,7	103,5	101,7
Ireland	...	105,6	104,9	104,6	103,5	102,2	102,4	103,9	104,9	104,0	95,5	99,0	102,6	101,7
Spain	104,7	103,4	103,6	103,1	103,0	103,0	103,4	103,5	102,8	104,1	99,7	101,8	103,2	102,4
Italy	105,2	102,5	102,8	102,5	102,7	102,2	102,0	102,1	101,8	103,4	100,8	101,5	102,7	103,0
Kazakhstan	276,2	113,2	108,4	105,8	106,4	106,9	107,6	108,6	110,8	117,2	107,3	107,1	108,4	105,1
Canada	102,2	102,7	102,5	102,3	102,8	101,9	102,2	102,0	102,1	102,4	100,3	101,8	102,9	101,5
Kyrgyzstan	...	119,7	106,9	102,1	103,0	104,1	104,4	105,6	110,2	124,5	106,9	108,0	116,5	102,7
Latvia	125,0	102,6	102,5	101,9	103,0	106,2	106,7	106,5	110,1	115,4	103,5	98,9	104,4	102,2
Lithuania	139,7	101,0	101,4	100,3	98,8	101,2	102,6	103,8	105,7	110,9	100,0	105,8	104,1	103,1
Luxemburg	101,9	103,2	102,7	102,1	102,0	102,2	102,5	102,7	102,3	103,4	100,4	102,3	103,4	102,7

INTERNATIONAL COMPARISONS

Table 25.13 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Macedonia	116,4	106,6	105,2	102,3	101,1	100,9	100,2	103,2	102,2	108,3	99,3	101,6	103,9	103,3
Moldova, Republic of	129,9	131,8	109,8	105,2	111,6	112,5	111,8	112,9	112,1	112,9	99,9	107,4	107,7	104,7
Netherlands	101,9	102,3	104,2	103,3	102,1	101,2	101,7	101,2	101,6	102,5	101,2	101,3	102,4	102,4
Germany	101,7	101,5	102,0	101,4	101,0	101,7	101,6	101,6	102,3	102,6	100,3	101,1	102,1	102,0
Norway	102,5	103,1	103,0	101,3	102,5	100,5	101,5	102,3	100,7	103,8	102,2	102,4	101,3	100,7
Poland	128,1	110,1	105,5	101,9	100,8	103,6	102,1	101,1	102,4	104,4	103,8	102,7	104,2	103,8
Portugal	104,1	102,8	104,4	103,5	103,3	102,4	102,3	102,7	102,8	102,6	99,2	101,4	103,6	102,8
Russian Federation	297,5	120,8	121,5	115,8	113,7	110,9	112,7	109,7	109,0	114,1	111,6	106,9	108,4	105,1
Romania	132,2	145,7	134,5	122,5	115,3	111,9	109,0	106,6	104,8	107,8	105,6	106,1	105,8	103,3
Slovakia	109,9	112,0	107,3	103,3	108,6	107,6	102,7	104,5	102,8	104,6	101,6	101,0	103,9	103,6
Slovenia	113,4	108,9	108,4	107,5	105,6	103,6	102,5	102,5	103,6	105,6	100,9	101,8	101,8	102,6
USA	102,8	103,4	102,8	101,6	102,3	102,7	103,4	103,2	102,8	103,8	99,6	101,6	103,2	102,1
Tajikistan	782,1	132,8	138,6	112,2	116,3	107,2	107,2	110,0	113,4	120,9	106,4	106,4	112,4	105,8
Turkey	188,6	154,9	154,4	145,0	125,3	110,6	110,1	110,5	108,8	110,4	106,2	108,6	106,5	108,9
Hungary	128,6	109,8	109,2	105,3	104,6	106,8	103,6	103,9	107,9	106,1	104,2	104,9	104,0	105,7
Finland	101,0	103,4	102,6	101,6	100,9	100,2	100,9	101,6	102,5	104,1	100,0	101,2	103,4	102,8
France	101,8	101,7	101,6	101,9	102,1	102,1	101,7	101,7	101,5	102,8	100,1	101,5	102,1	102,0
Croatia	104,0	104,6	103,8	101,7	101,8	102,0	103,3	103,2	102,9	106,1	102,4	101,0	102,2	103,4
Czech Republic	109,5	103,9	104,7	101,8	100,1	102,8	101,8	102,5	102,9	106,4	101,0	101,4	101,9	103,3
Montenegro	122,6	118,3	106,7	102,2	102,6	103,0	104,3	109,0	103,8	100,6	103,2	103,7
Switzerland	101,8	101,5	101,0	100,6	100,6	100,8	101,2	101,1	100,7	102,4	99,5	100,7	100,2	99,3
Sweden	102,5	101,0	102,4	102,2	101,9	100,4	100,4	101,4	102,2	103,4	99,5	101,2	103,0	100,9

INTERNATIONAL COMPARISONS

25.14. Industrial producer price indices*(percentage of the previous year)*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ukraine	588,9	120,8	108,7	103,0	107,6	120,5	116,7	109,6	119,5	135,5	106,5	120,9	119,0	103,7
Austria	...	104,3	100,1	98,6	100,4	102,0	103,4	102,1	104,1	104,8	98,2	104,0	104,8	101,0
Azerbaijan	1440,1	127,5	102,0	97,7	116,2	112,8	116,5	116,1	109,0	115,0	87,3	126,9	109,3	102,5
Belgium	102,2	104,6	99,6	101,1	100,2	106,9	105,7	105,8	102,0	109,3	92,8	105,4	108,1	103,5
Belarus	638,6	285,6	171,7	140,6	137,4	124,1	112,1	108,4	115,8	114,8	114,5	113,6	173,3	178,5
Bulgaria	...	119,4	103,5	102,2	102,8	105,4	107,3	108,7	108,0	113,2	95,7	107,2	108,6	105,3
United Kingdom	102,8	102,4	99,8	98,9	101,3	104,3	110,6	108,5	102,0	116,1	97,0	105,7	111,4	102,9
Armenia	287,8	99,6	101,1	103,6	108,9	113,7	107,6	100,9	100,6	102,2	107,1	122,6	107,7	107,0
Greece	109,2	105,2	103,6	102,3	102,3	103,6	105,9	107,3	104,1	110,0	94,2	106,1	107,4	104,9
Georgia	...	105,8	103,1	106,3	103,4	104,6	107,5	111,0	111,5	109,8	94,5	111,4	112,9	101,9
Denmark	106,7	107,3	103,7	102,5	103,3	103,8	109,1	107,9	101,6	113,2	93,3	106,4	107,8	102,6
Estonia	100,2	103,4	101,7	104,3	109,6	109,6	99,8	101,7	104,6	103,4
Israel	110,7	103,6	99,9	103,9	104,3	105,4	106,2	105,7	103,4	109,6	93,6	104,0	107,8	104,3
Ireland	103,9	107,4	102,5	102,2	100,9	100,5	102,1	103,6	102,3	106,1	96,4	101,5	104,6	102,8
Spain	106,4	105,4	101,7	100,6	101,4	103,4	104,7	105,4	103,6	106,6	96,6	103,2	106,9	103,5
Italy	107,8	106,0	101,9	100,2	101,6	102,7	104,0	105,2	103,3	105,8	94,6	103,1	105,0	102,6
Kazakhstan	239,7	138,0	100,4	100,3	109,5	116,8	123,7	118,5	112,4	136,8	77,9	125,3	127,3	103,5
Canada	107,4	103,9	101,0	100,1	98,8	103,2	101,6	102,3	101,5	104,3	96,5	101,0	104,6	100,6
Kyrgyzstan	121,8	132,0	109,1	105,3	105,6	108,8	103,1	115,9	111,8	125,4	111,3	123,1	121,8	97,8
Latvia	100,0	101,8	107,4	107,1	109,6	118,6	115,7	98,3	99,8	108,8	105,3
Lithuania	...	110,3	99,4	99,4	99,2	102,5	105,9	106,9	109,4	115,8	93,4	104,0	110,4	105,6
Luxemburg	103,4	106,2	104,8	98,5	103,7	109,1	103,6	112,8	104,4	115,1	90,8	101,5	105,6	103,6

INTERNATIONAL COMPARISONS

Table 25.14 continued

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Macedonia	104,7	109,1	102,7	99,3	100,0	96,5	103,2	107,3	102,6	110,3	93,5	108,3	112,4	104,6
Moldova, Republic of	152,2	133,5	112,6	108,0	108,3	105,2	105,9	112,3	128,0	110,0	97,0	107,4	106,8	107,9
Netherlands	103,0	112,4	102,3	98,8	102,3	102,4	107,0	108,6	105,2	108,9	90,2	104,0	108,7	103,6
Germany	101,7	102,9	103,0	99,4	101,8	101,6	104,4	105,4	101,3	105,4	96,0	101,5	105,6	102,1
Norway	106,5	113,1	101,6	99,9	106,2	103,9	106,1	108,7	99,4	115,2	98,2	108,5	108,0	99,9
Poland	102,8	100,2	101,8	107,7	102,5	103,4	104,0	105,4	102,4	103,7	107,7	103,5
Portugal	103,8	116,4	103,0	100,5	101,0	102,6	103,3	104,4	102,8	105,2	96,2	103,7	105,8	103,8
Russian Federation	337,6	146,5	119,1	111,8	115,6	124,0	120,7	112,4	114,1	121,3	92,8	112,6	118,8	108,4
Romania	...	156,4	139,4	125,3	118,4	119,2	110,8	110,2	108,4	112,8	102,1	105,8	108,1	105,3
Slovakia	111,2	106,5	108,1	104,2	106,9	102,7	103,7	106,3	101,8	106,2	97,4	97,2	102,7	103,9
Slovenia	...	107,9	108,9	104,9	102,6	104,4	102,8	102,4	105,4	105,6	99,6	102,0	103,8	101,0
USA	103,6	105,8	101,1	97,7	105,4	106,2	107,3	104,7	104,8	109,8	91,2	106,8	108,8	100,6
Tajikistan	451,7	139,0	125,1	109,2	115,3	116,5	110,4	142,7	121,8	120,8	96,6	134,6	128,0	114,2
Turkey	112,2	107,1	109,8	106,0	113,0	101,0	106,1	112,3	...
Hungary	...	114,1	110,3	102,8	105,2	108,4	106,0	108,4	106,5	111,6	101,2	107,3	106,1	105,3
Finland	...	105,1	99,7	98,8	99,9	100,6	104,2	106,3	103,9	108,6	93,7	106,7	107,0	102,5
France	...	103,8	101,7	99,9	100,8	102,0	103,1	103,8	102,8	105,6	93,6	103,4	106,0	102,7
Croatia	...	111,8	102,1	99,5	101,9	103,5	102,7	102,7	103,4	108,3	99,6	104,3	106,4	107,0
Czech Republic	107,4	104,8	102,8	99,4	99,6	105,5	103,1	101,5	104,1	104,5	96,8	101,2	105,5	102,1
Montenegro	152,7	107,4	104,7	106,3	102,0	103,7	108,7	116,1	94,5	99,5	103,6	101,9
Switzerland	99,9	101,0	100,5	99,5	100,0	101,2	100,8	102,0	102,4	103,4	97,9	99,9	98,9	99,4
Sweden	106,8	103,6	102,3	102,2	102,8	101,8	103,9	106,1	103,6	106,1	99,7	103,0	100,9	99,7

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